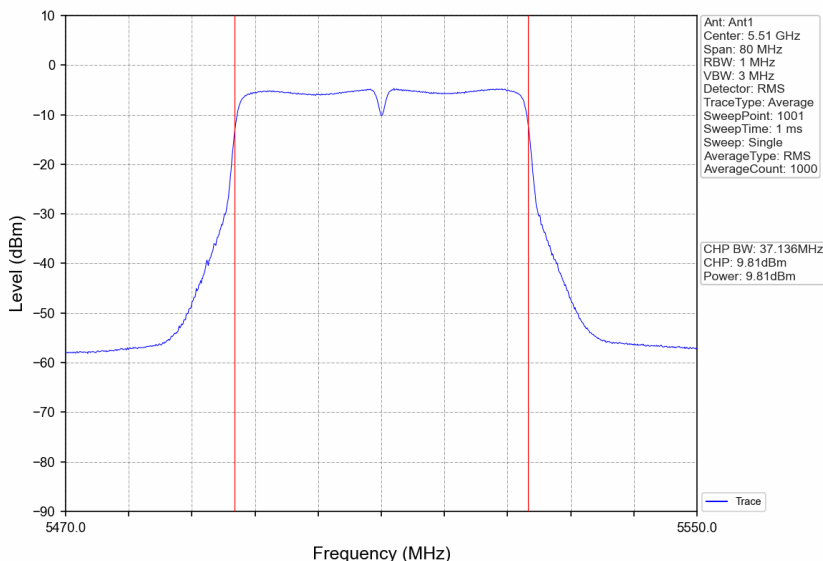
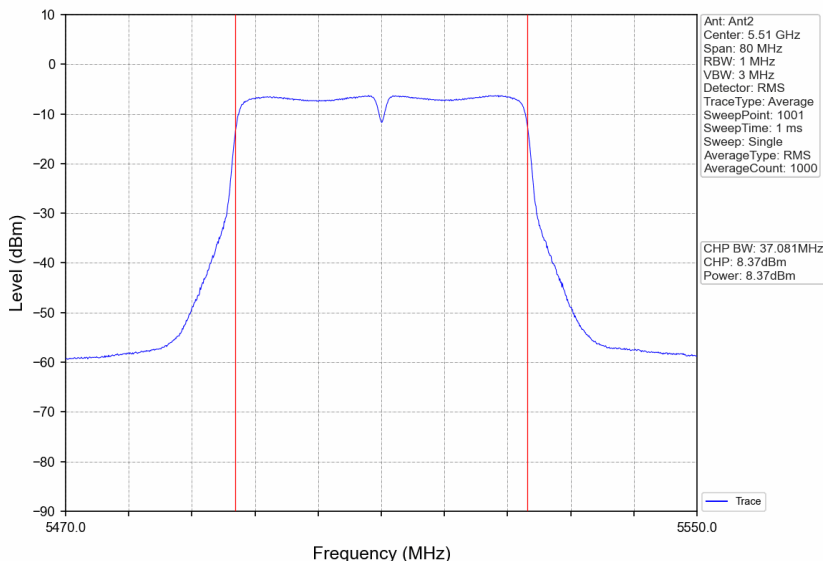


802.11ac(VHT40) LCH\_5510MHz\_Ant1\_NTNV



802.11ac(VHT40) LCH\_5510MHz\_Ant2\_NTNV



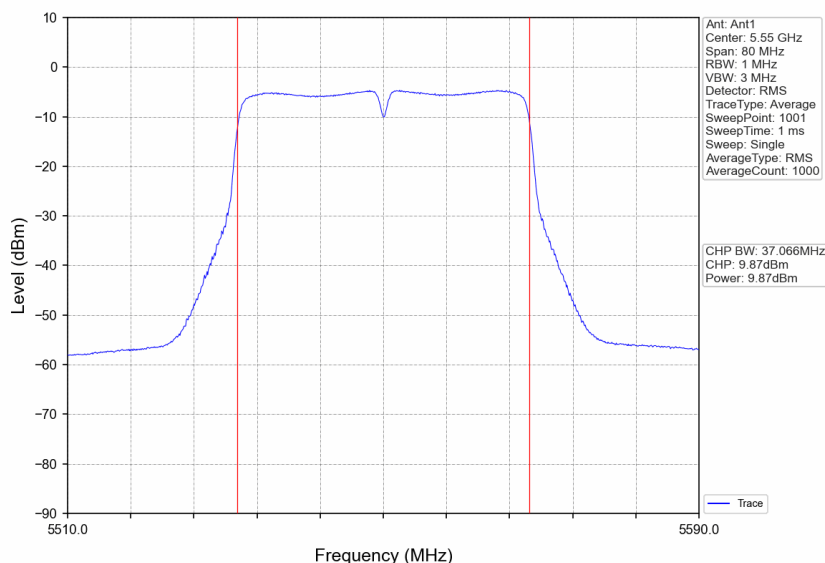
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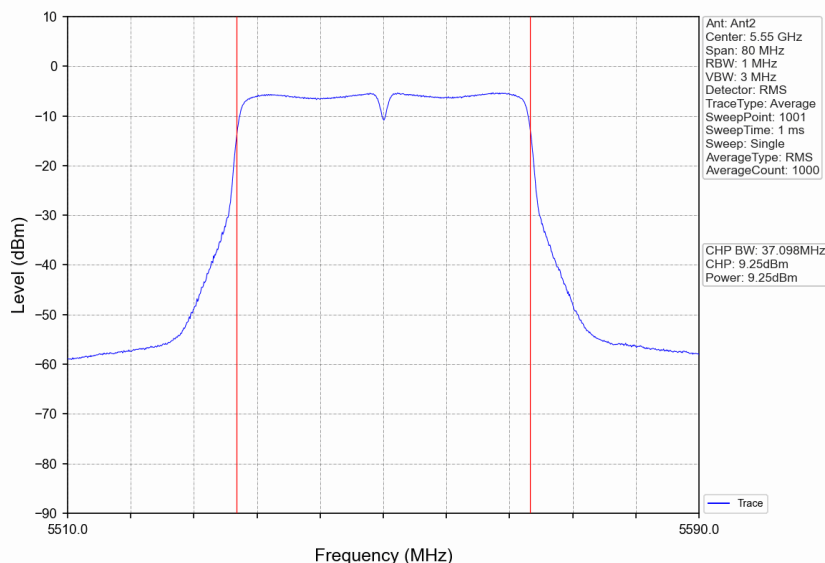
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802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



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



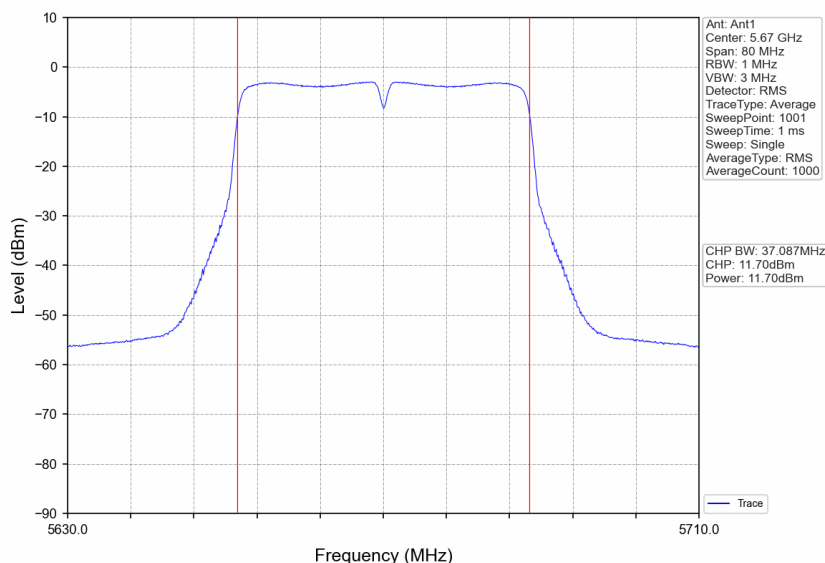
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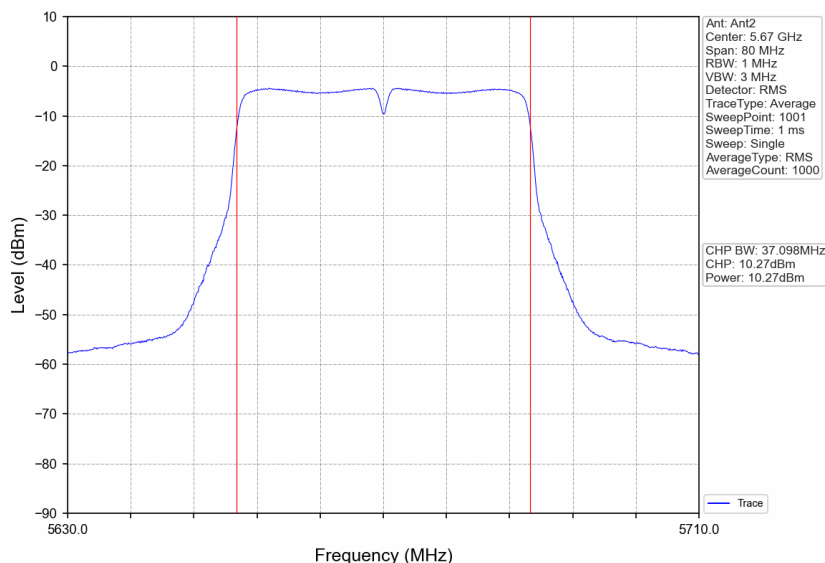
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802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



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



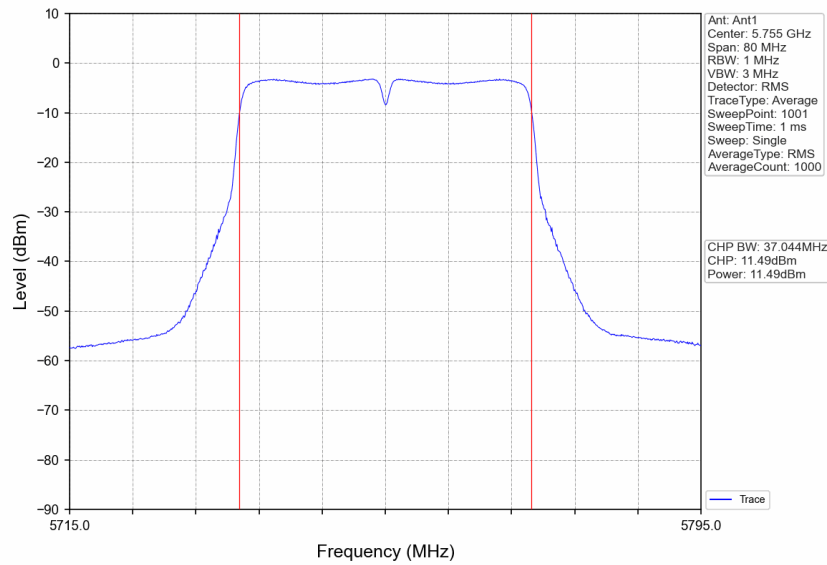
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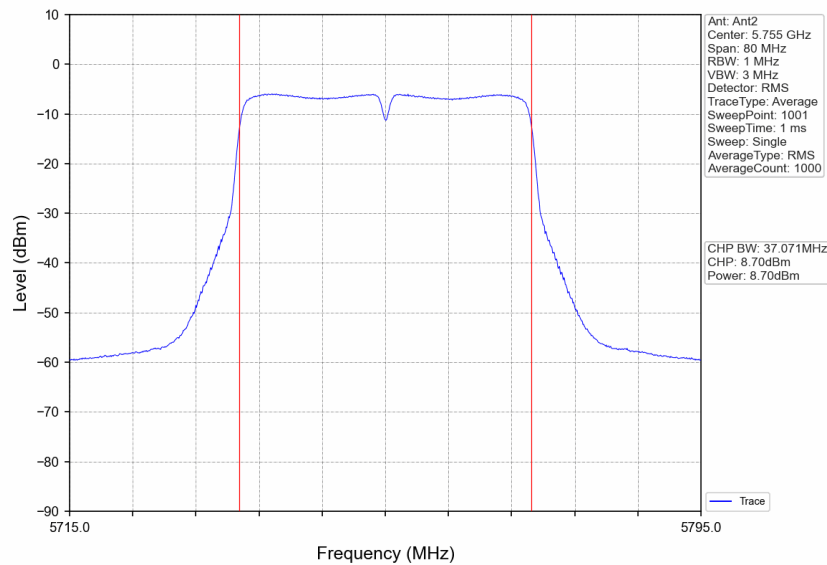
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802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



802.11ac(VHT40)\_LCH\_5755MHz\_Ant2\_NTNV



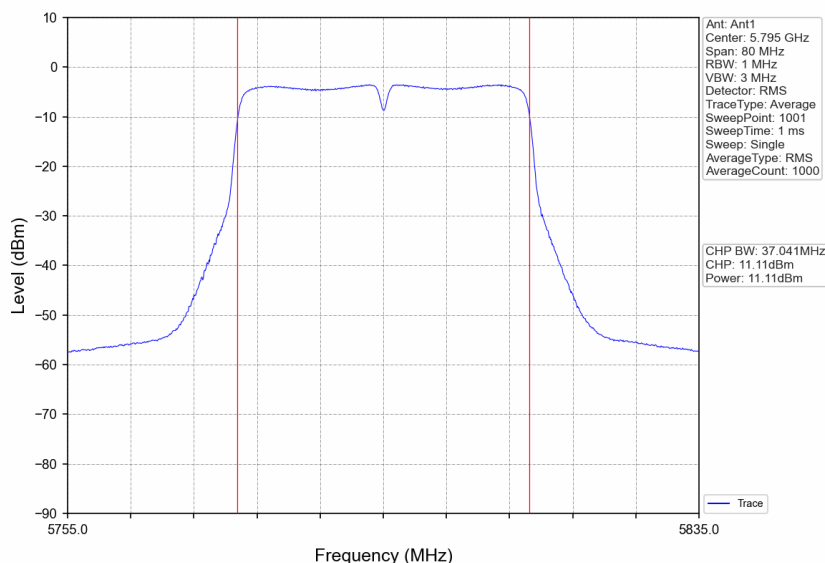
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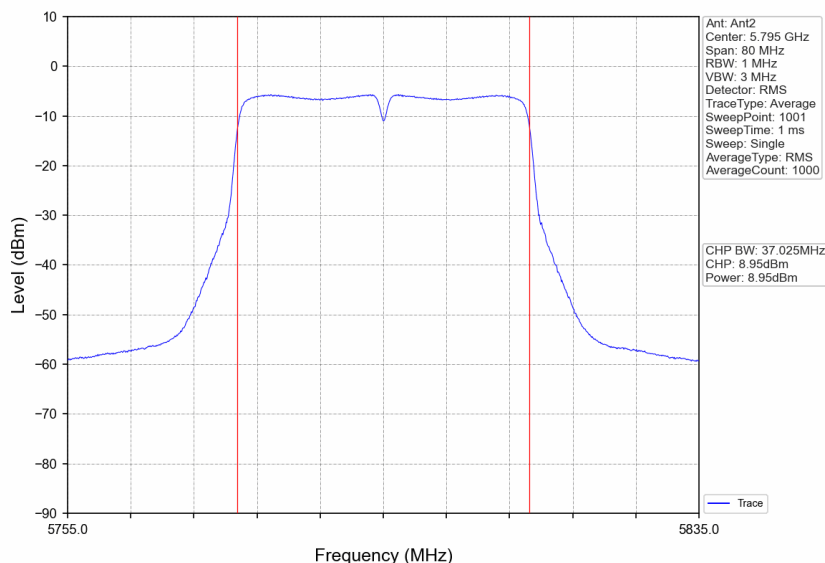
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802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



802.11ac(VHT40)\_HCH\_5795MHz\_Ant2\_NTNV



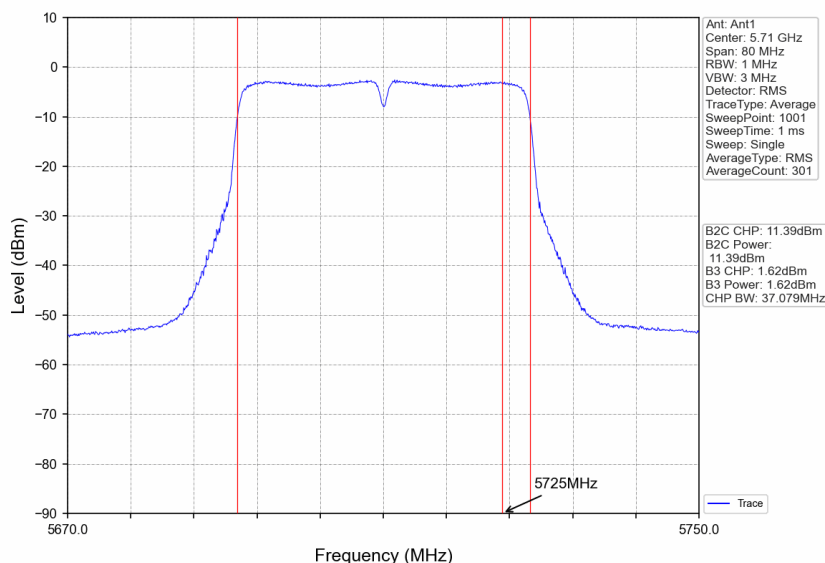
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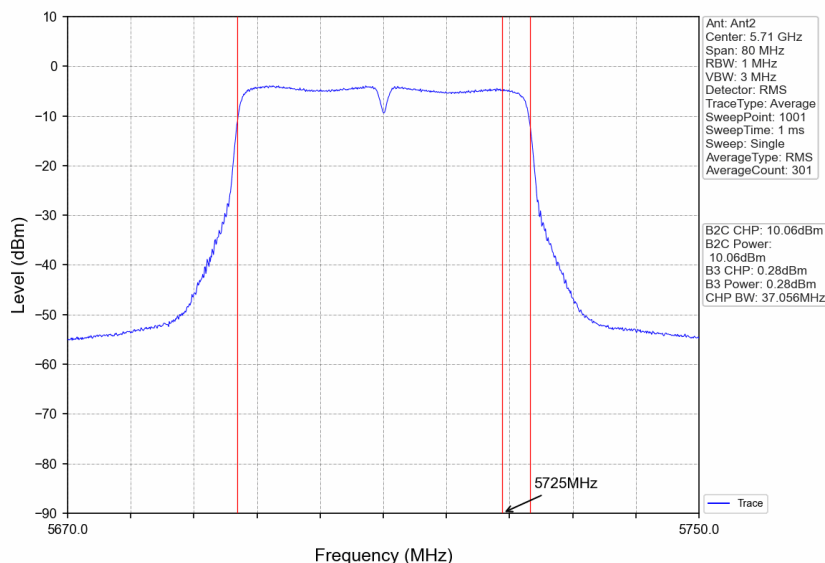
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802.11ac(VHT40)\_HCH\_5710MHz\_Ant1\_NTNV



802.11ac(VHT40)\_HCH\_5710MHz\_Ant2\_NTNV



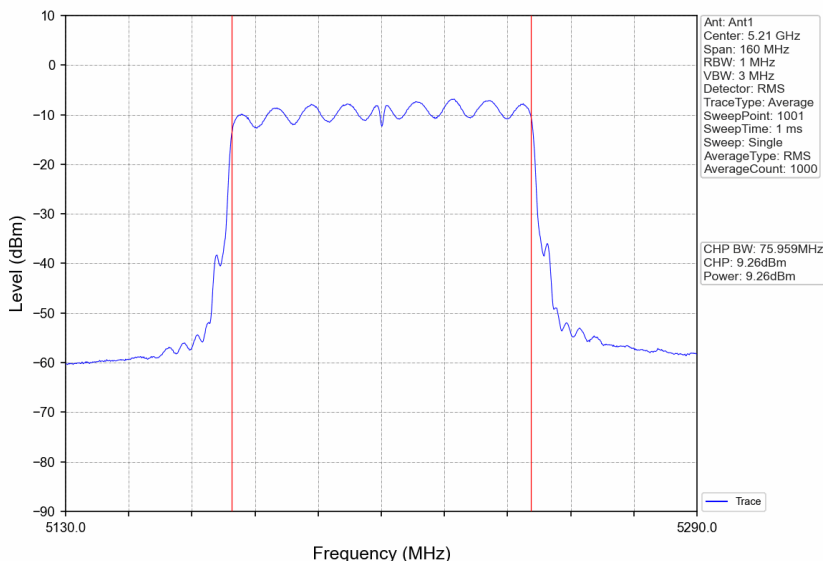
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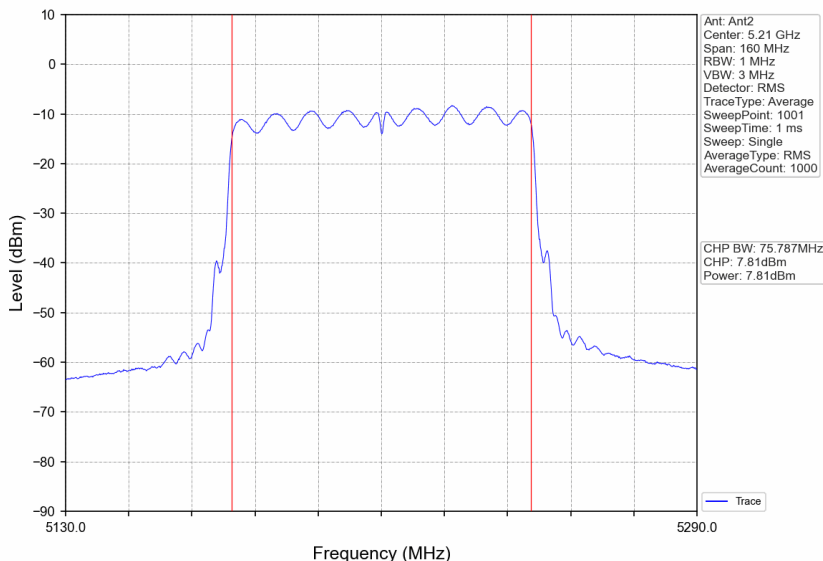
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802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV

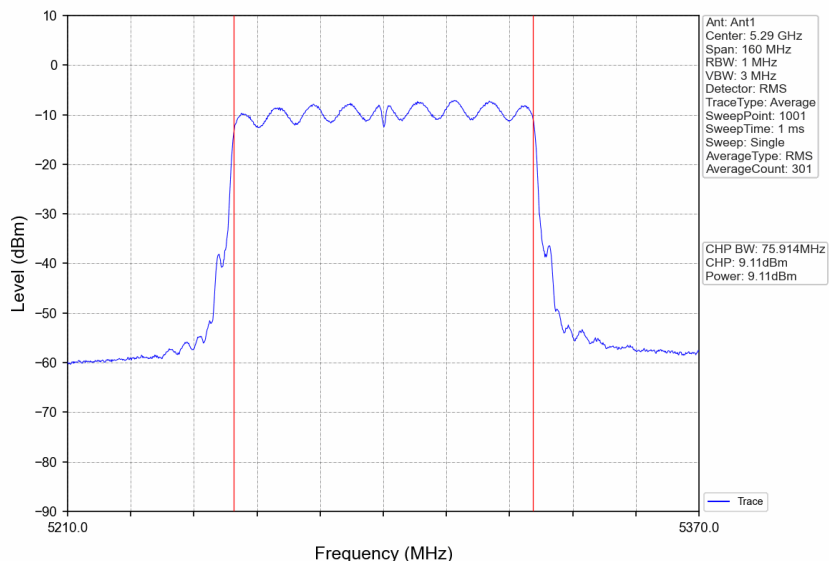


802.11ac(VHT80)\_MCH\_5210MHz\_Ant2\_NTNV

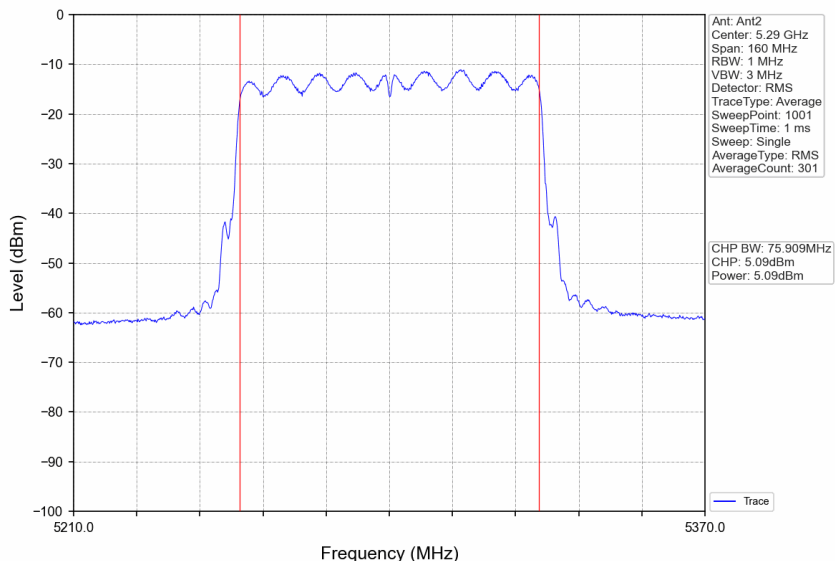


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802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



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



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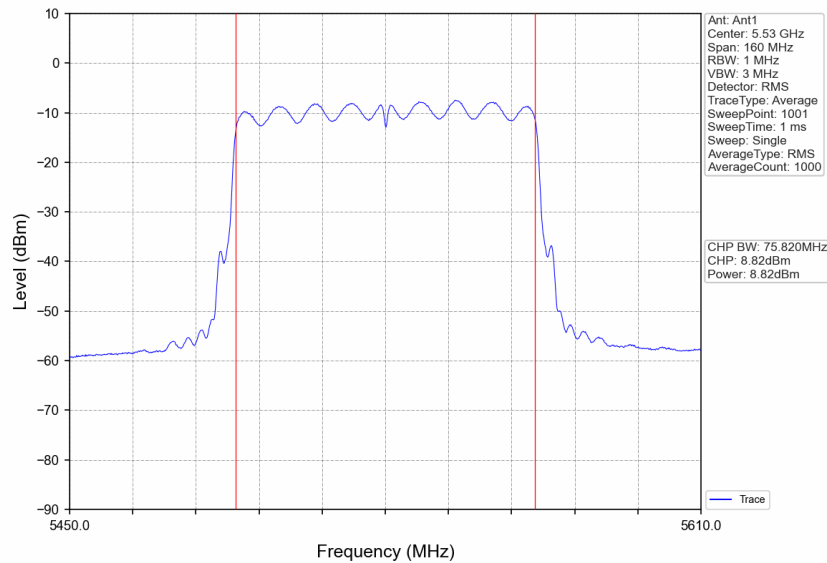
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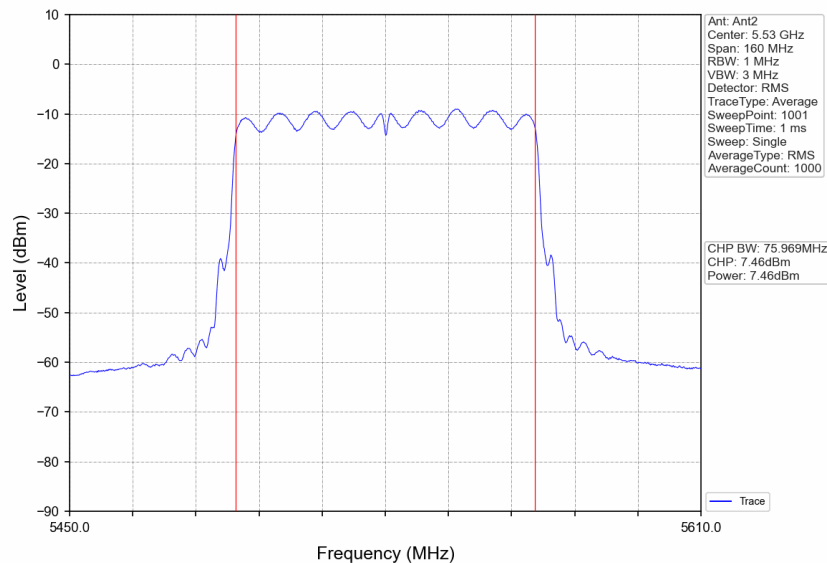
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802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV

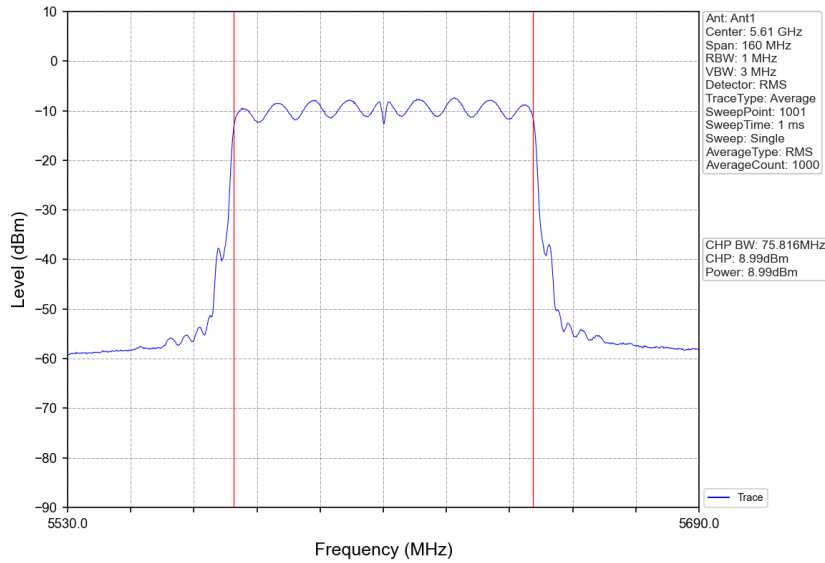


802.11ac(VHT80)\_LCH\_5530MHz\_Ant2\_NTNV

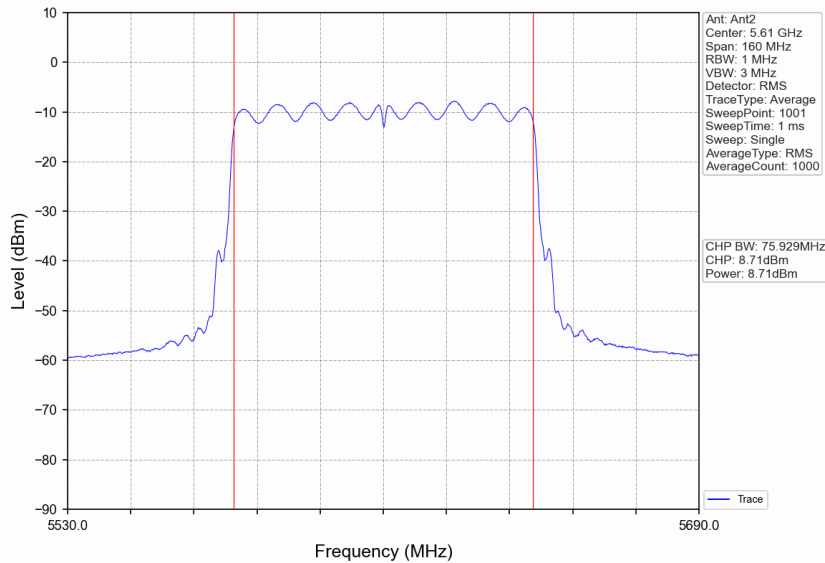


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802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



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



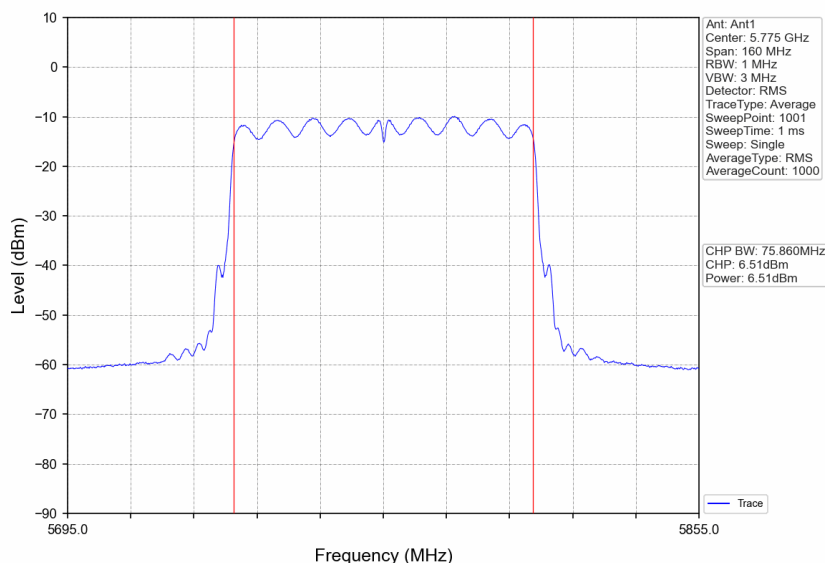
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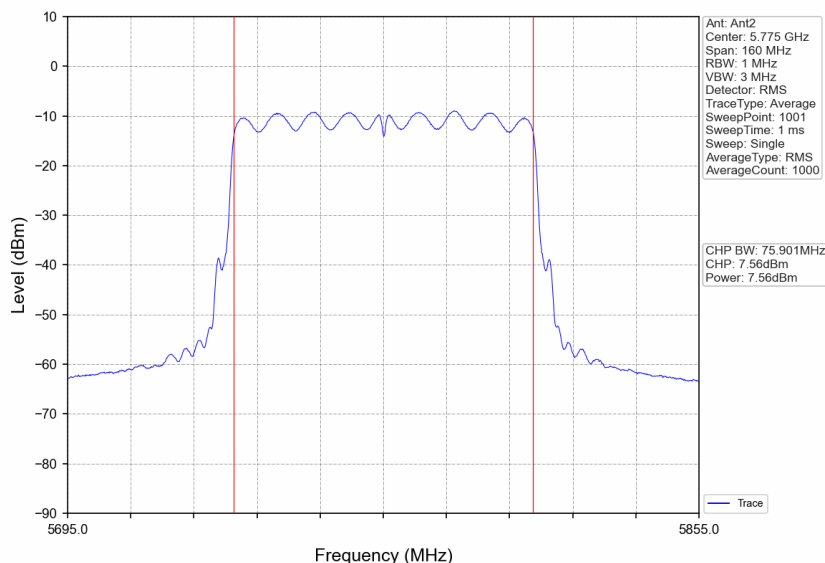
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802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



802.11ac(VHT80)\_MCH\_5775MHz\_Ant2\_NTNV



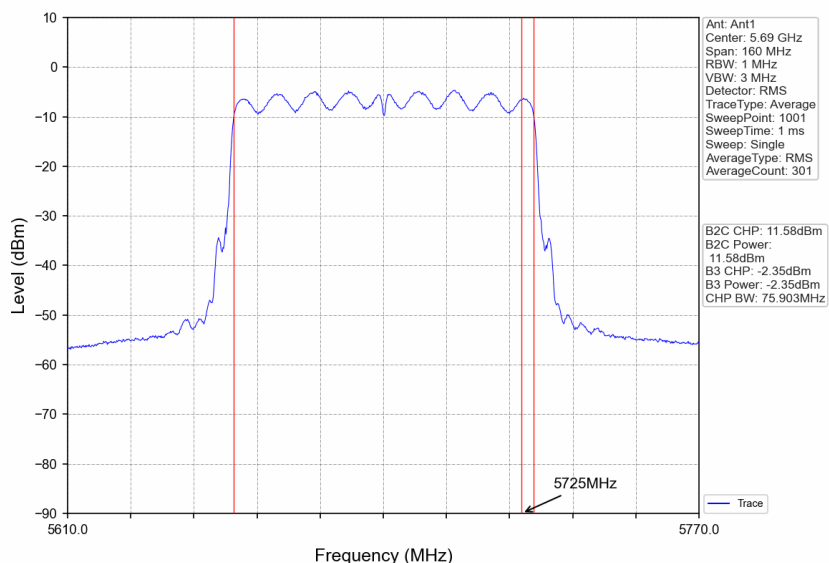
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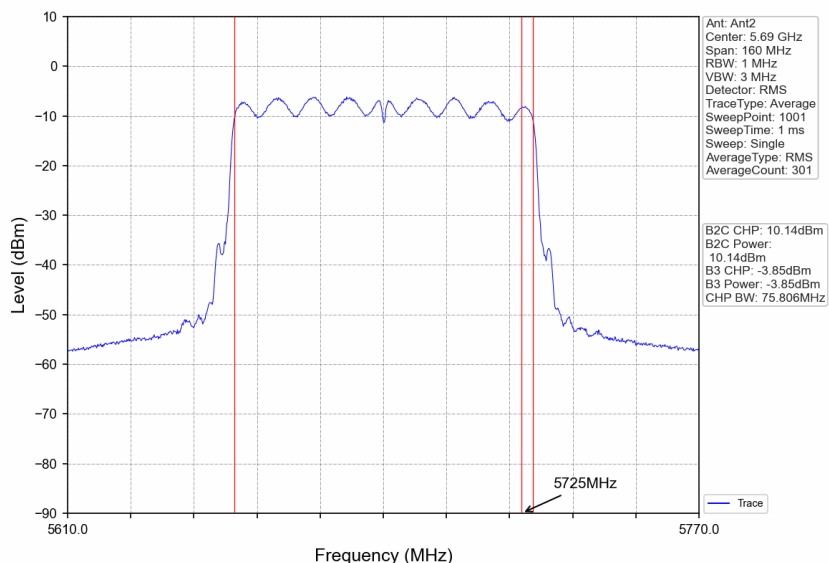
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802.11ac(VHT80)\_HCH\_5690MHz\_Ant1\_NTNV



802.11ac(VHT80)\_HCH\_5690MHz\_Ant2\_NTNV



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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	-2.54	-1.89	/	<=17.00	Pass
		5200	-2.45	-3.11	/	<=17.00	Pass
		5240	-2.15	-2.65	/	<=17.00	Pass
		5260	-1.41	-1.28	/	<=8.00	Pass
		5300	-1.84	-2.38	/	<=8.00	Pass
		5320	-1.60	-2.25	/	<=8.00	Pass
		5500	-3.26	-3.06	/	<=8.00	Pass
		5580	-2.23	-2.68	/	<=8.00	Pass
		5700	-0.52	-1.05	/	<=8.00	Pass
802.11n (HT20)	MIMO	5180	-2.22	-3.16	0.29	<=17.00	Pass
		5200	-1.75	-2.51	0.84	<=17.00	Pass
		5240	-2.69	-3.18	0.01	<=17.00	Pass
		5260	-1.02	-3.63	0.84	<=8.00	Pass
		5300	-1.26	-1.96	1.35	<=8.00	Pass
		5320	-0.87	-1.81	1.66	<=8.00	Pass
		5500	-2.27	-2.97	0.40	<=8.00	Pass
		5580	-1.50	-1.77	1.32	<=8.00	Pass
		5700	0.13	-0.87	2.67	<=8.00	Pass
802.11n (HT40)	MIMO	5190	-4.22	-4.92	-1.55	<=17.00	Pass
		5230	-4.53	-4.97	-1.80	<=17.00	Pass
		5270	-4.62	-5.39	-1.98	<=8.00	Pass
		5310	-4.24	-5.24	-1.72	<=8.00	Pass
		5510	-5.32	-6.45	-2.89	<=8.00	Pass
		5550	-5.23	-5.57	-2.45	<=8.00	Pass
		5670	-3.50	-4.79	-1.14	<=8.00	Pass
		5710	-2.24	-3.80	-0.03	<=8.00	Pass
		5180	-5.54	-4.74	-2.18	<=17.00	Pass
802.11ac (VHT20)	MIMO	5200	-4.02	-4.35	-1.17	<=17.00	Pass
		5240	-2.84	-3.17	-0.05	<=17.00	Pass
		5260	-0.03	-10.08	0.35	<=8.00	Pass
		5300	-0.71	-2.21	1.59	<=8.00	Pass
		5320	-0.44	-1.93	1.87	<=8.00	Pass
		5500	-1.40	-3.38	0.67	<=8.00	Pass
		5580	-0.79	-2.01	1.62	<=8.00	Pass
		5700	0.62	-1.03	2.88	<=8.00	Pass
		5720	0.29	-0.37	2.94	<=8.00	Pass
802.11ac (VHT40)	MIMO	5190	-4.27	-5.12	-1.69	<=17.00	Pass
		5230	-4.32	-4.90	-1.61	<=17.00	Pass
		5270	-4.19	-5.41	-1.80	<=8.00	Pass
		5310	-4.23	-5.42	-1.90	<=8.00	Pass



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		5510	-4.79	-6.31	-2.51	<=8.00	Pass
		5550	-4.68	-5.26	-2.02	<=8.00	Pass
		5670	-2.82	-4.34	-0.60	<=8.00	Pass
		5710	-2.67	-3.90	-0.30	<=8.00	Pass
802.11ac (VHT80)	MIMO	5210	-6.93	-8.31	-4.58	<=17.00	Pass
		5290	-7.10	-8.37	-4.72	<=8.00	Pass
		5530	-7.51	-8.94	-5.16	<=8.00	Pass
		5610	-7.32	-7.82	-4.58	<=8.00	Pass
		5690	-4.56	-6.13	-2.36	<=8.00	Pass

Note1: Antenna Gain: Ant1: 9.00dBi; Ant2: 9.00dBi;  
 Note2: The antenna of the EUT is cross-polarized, so the Directional Gain: 9dBi.

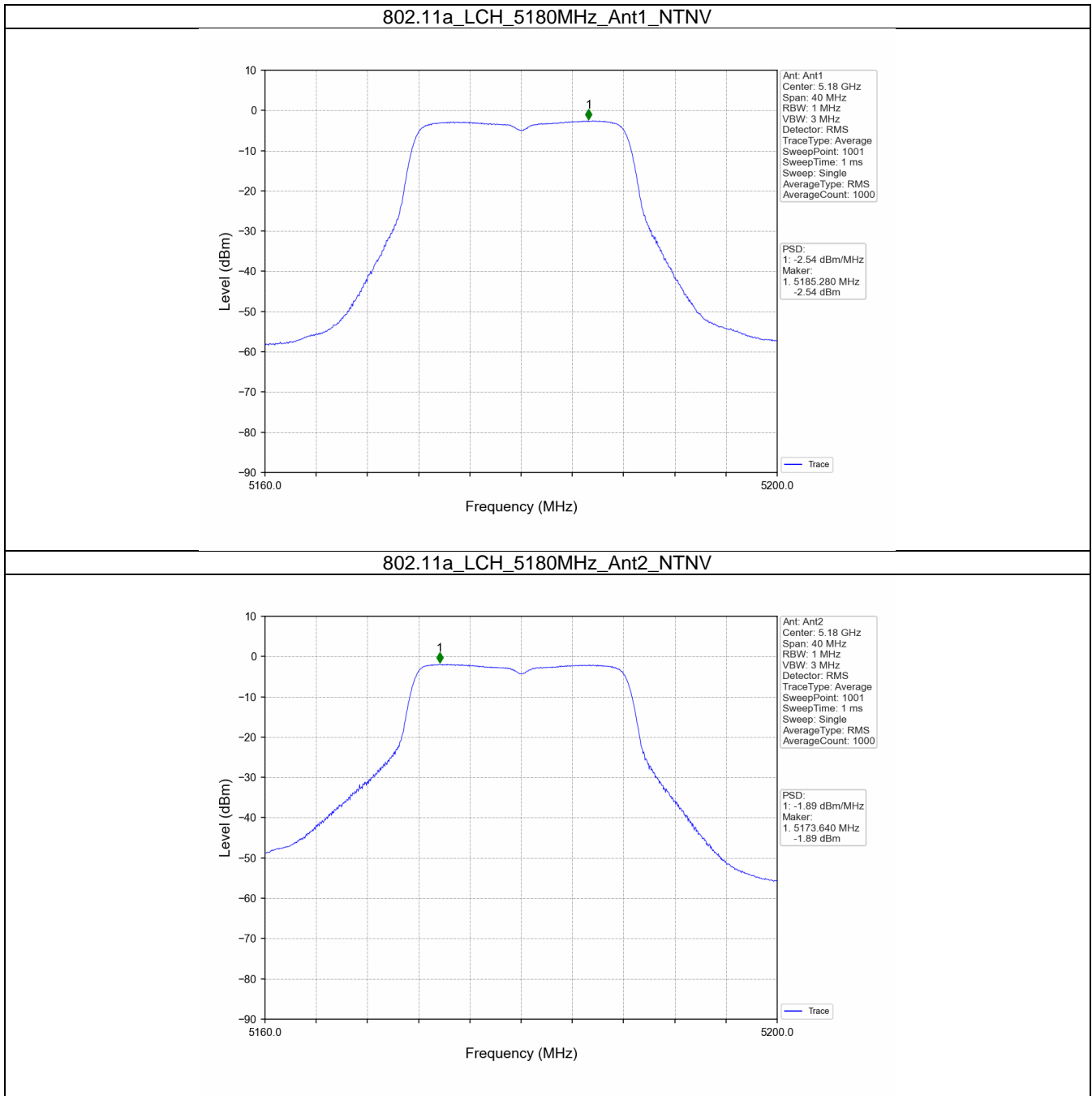
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)			Maximum PSD (dBm/500kHz)				Verdict
			Ant1	Ant2	MIMO	Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5720	-0.04	-0.91	/	-3.06	-3.93	/	<=30.00	Pass
802.11n(HT20)	MIMO	5720	0.61	-0.49	3.03	-2.41	-3.51	0.01	<=30.00	Pass
802.11n(HT40)	MIMO	5710	-2.24	-3.80	-0.03	-5.26	-6.82	-3.05	<=30.00	Pass
802.11ac(VHT20)	MIMO	5720	0.29	-0.37	2.94	-2.73	-3.39	-0.08	<=30.00	Pass
802.11ac(VHT40)	MIMO	5710	-2.67	-3.90	-0.30	-5.69	-6.92	-3.32	<=30.00	Pass
802.11ac(VHT80)	MIMO	5690	-4.56	-6.13	-2.36	-7.58	-9.15	-5.38	<=30.00	Pass

Note1: Antenna Gain: Ant1: 9.00dBi; Ant2: 9.00dBi;  
 Note2: The antenna of the EUT is cross-polarized, so the Directional Gain: 9dBi.  
 Note3: For frequencies falling in U-NII-2C and U-NII-C bands, we only recorded the maximum value, through unit conversion, it can be found that it meets the requirements of each band.  
 Maximum PSD (dBm/500kHz) = Maximum PSD (dBm/MHz) +10\*log(500kHz/1MHz).



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4.1.2 Test Graph



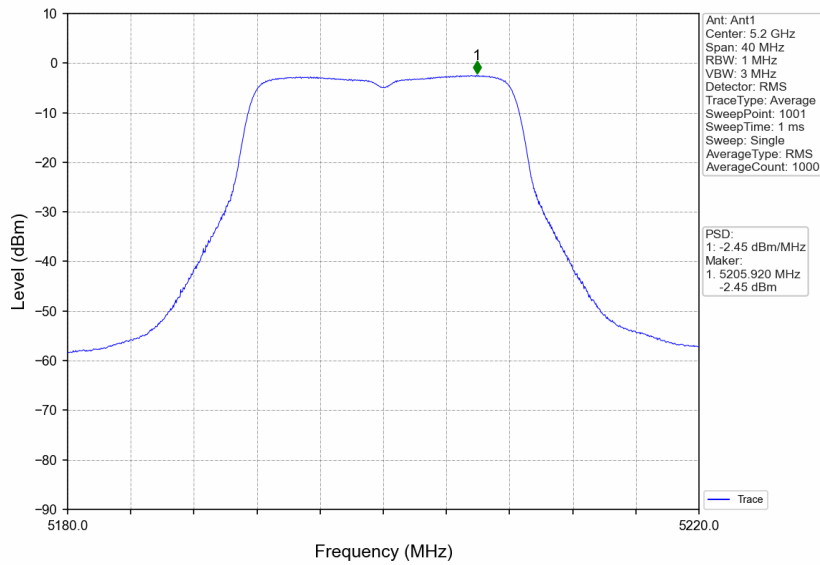
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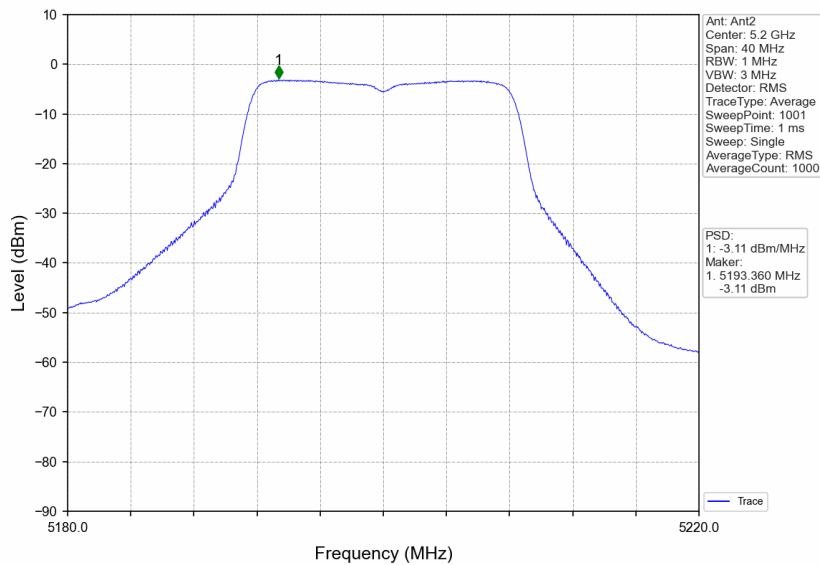
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802.11a\_MCH\_5200MHz\_Ant1\_NTNV



802.11a\_MCH\_5200MHz\_Ant2\_NTNV



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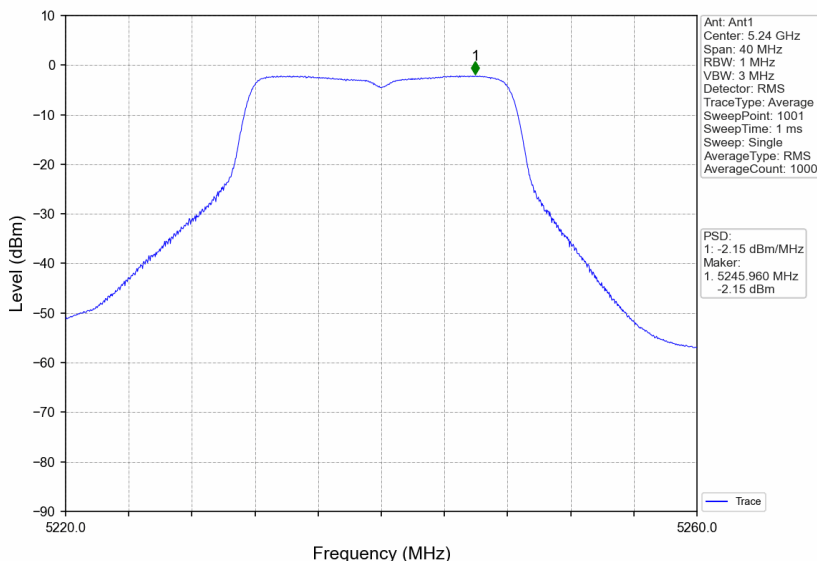
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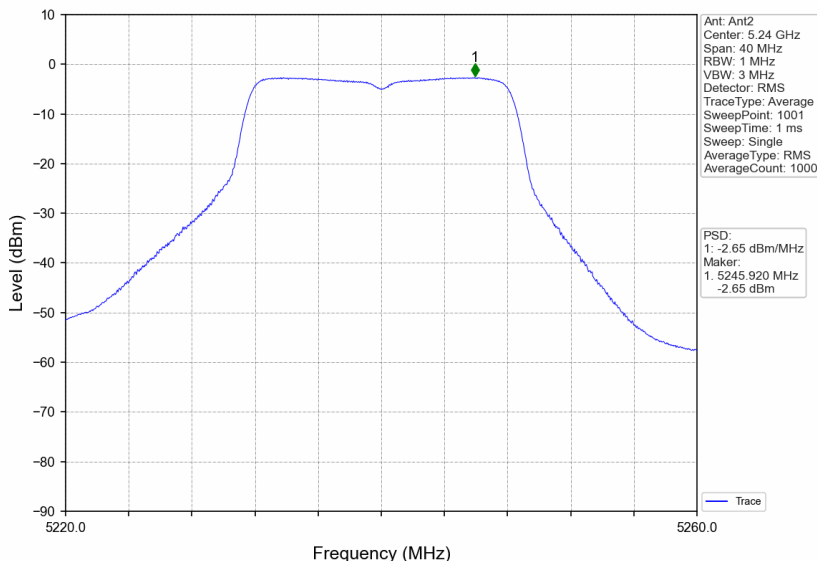
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802.11a\_HCH\_5240MHz\_Ant1\_NTNV



802.11a\_HCH\_5240MHz\_Ant2\_NTNV



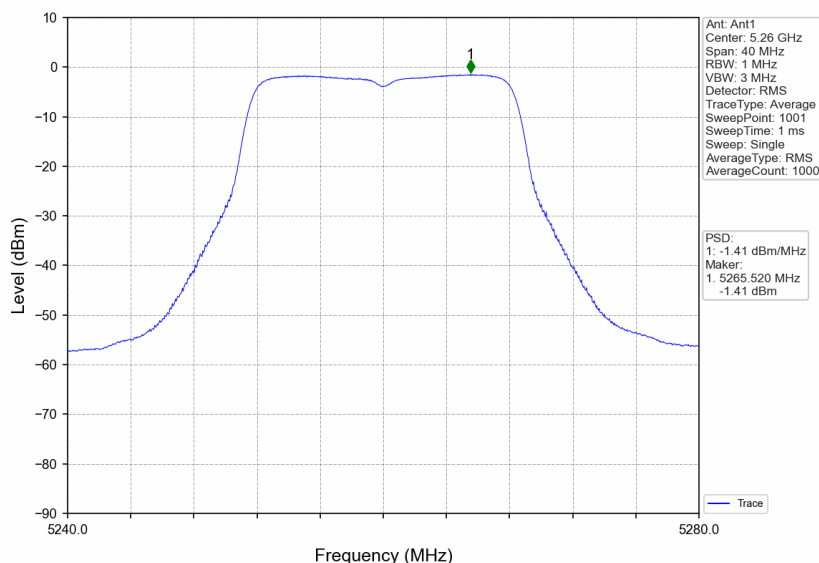
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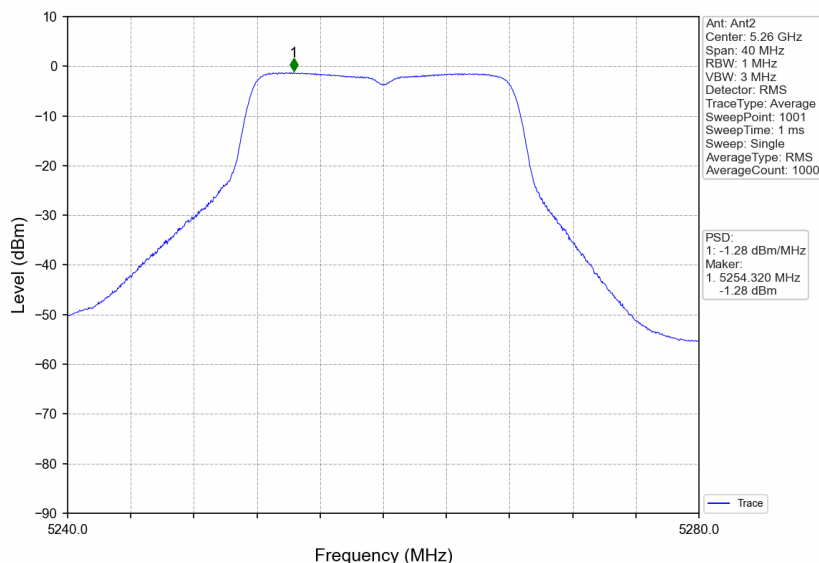
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802.11a\_LCH\_5260MHz\_Ant1\_NTNV

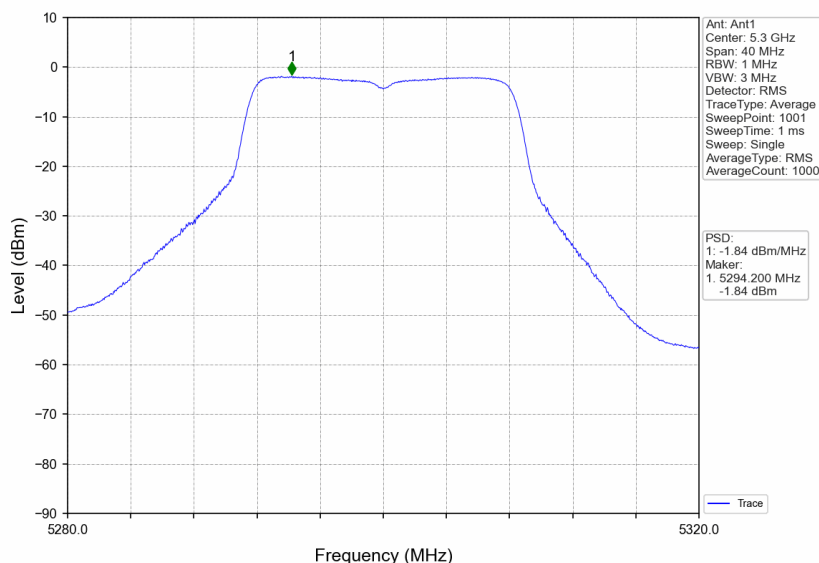


802.11a\_LCH\_5260MHz\_Ant2\_NTNV

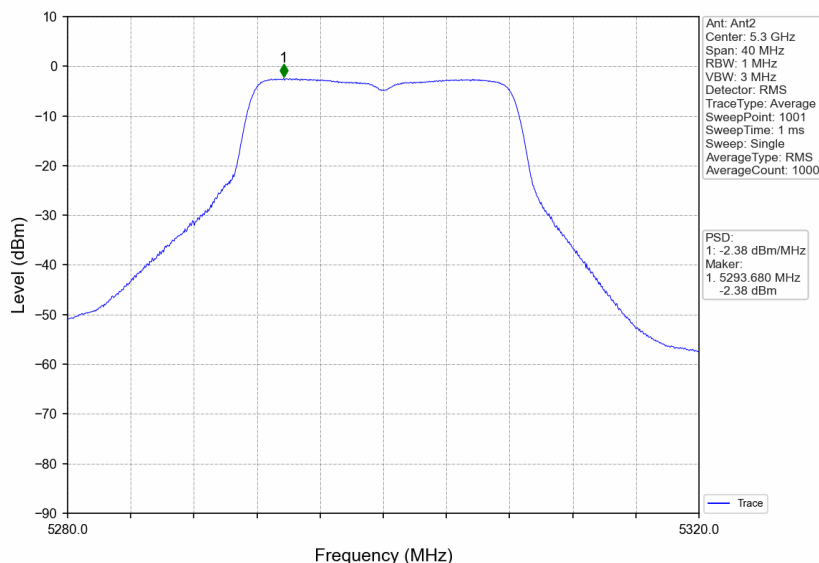


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802.11a\_MCH\_5300MHz\_Ant1\_NTNV

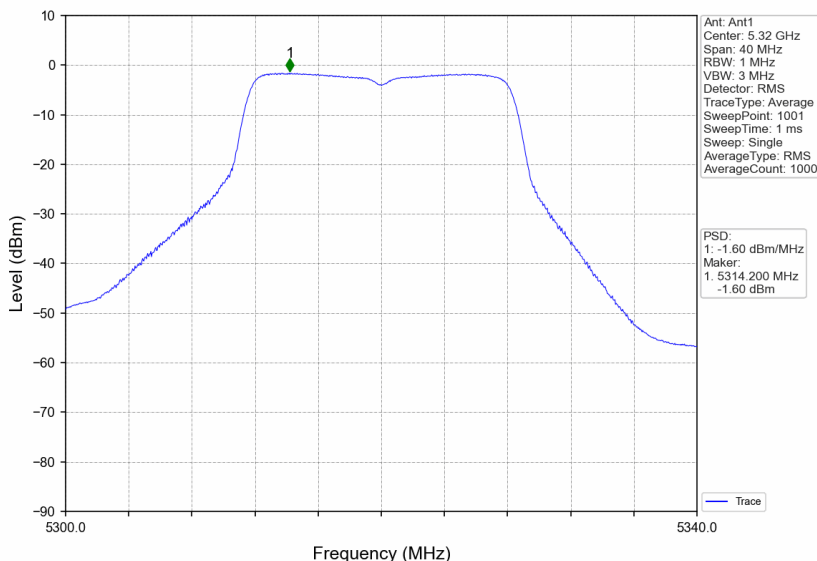


802.11a\_MCH\_5300MHz\_Ant2\_NTNV

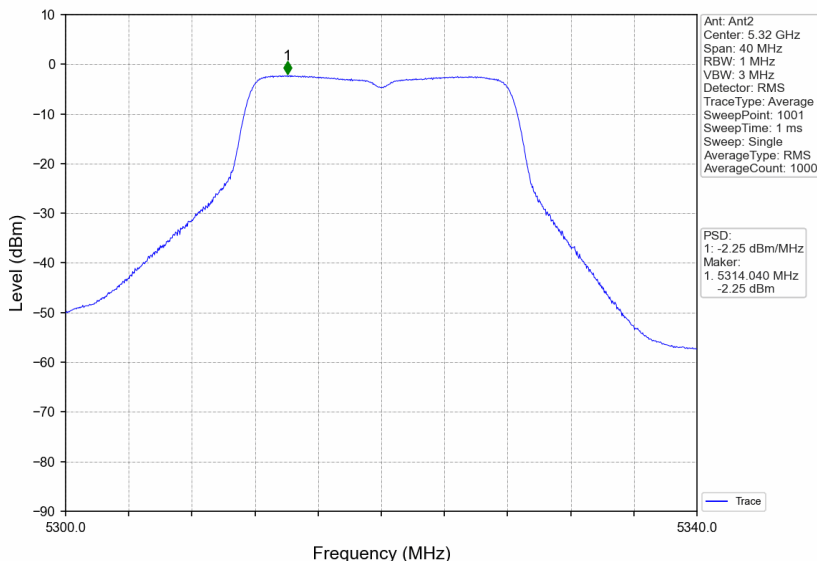


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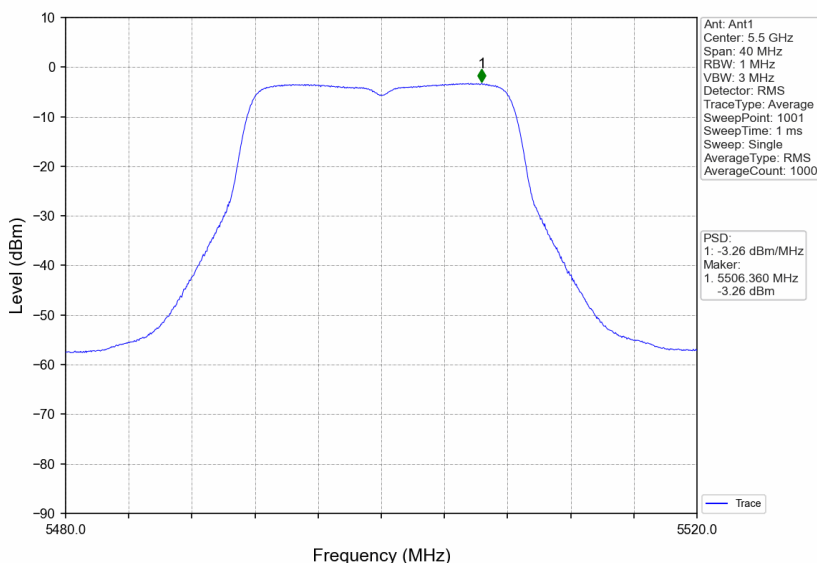
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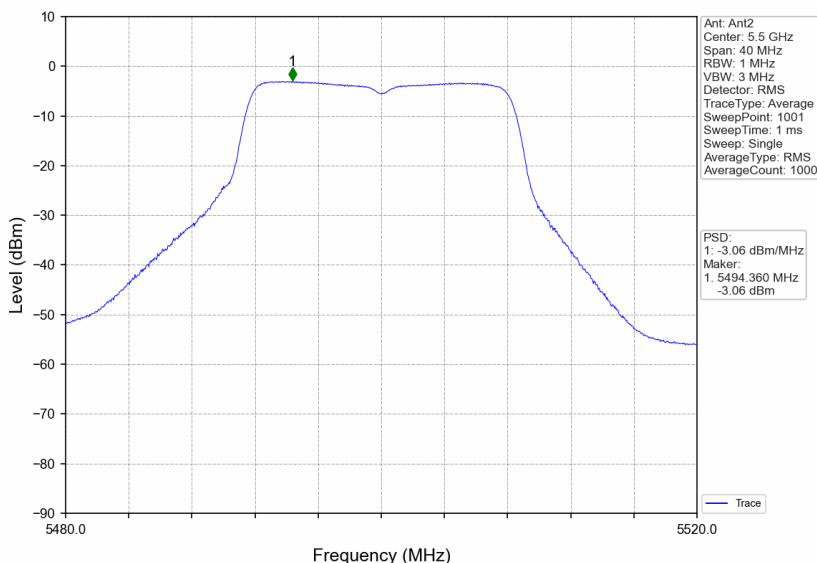
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802.11a\_LCH\_5500MHz\_Ant1\_NTNV



802.11a\_LCH\_5500MHz\_Ant2\_NTNV



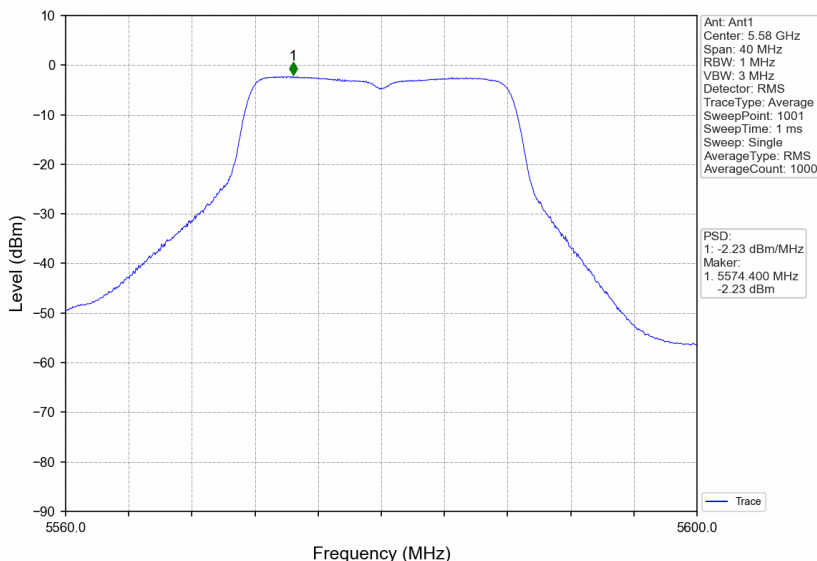
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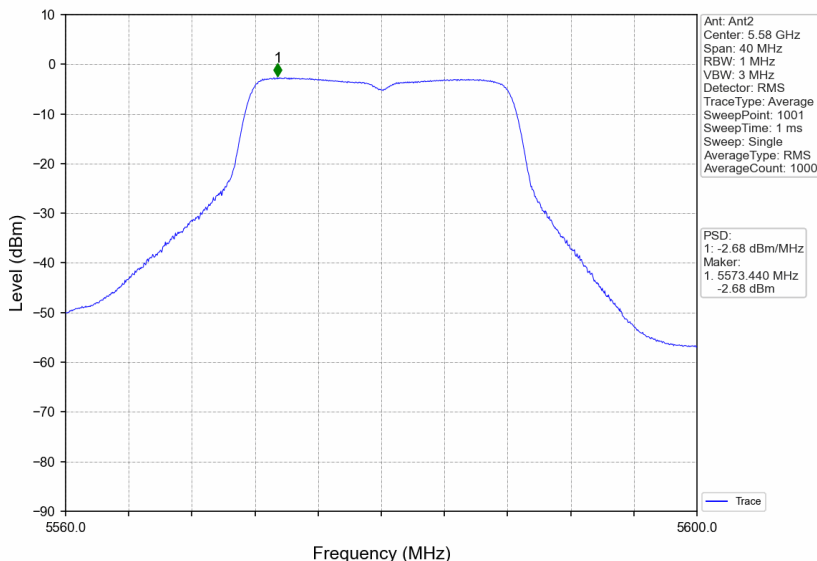
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802.11a\_MCH\_5580MHz\_Ant1\_NTNV



802.11a\_MCH\_5580MHz\_Ant2\_NTNV



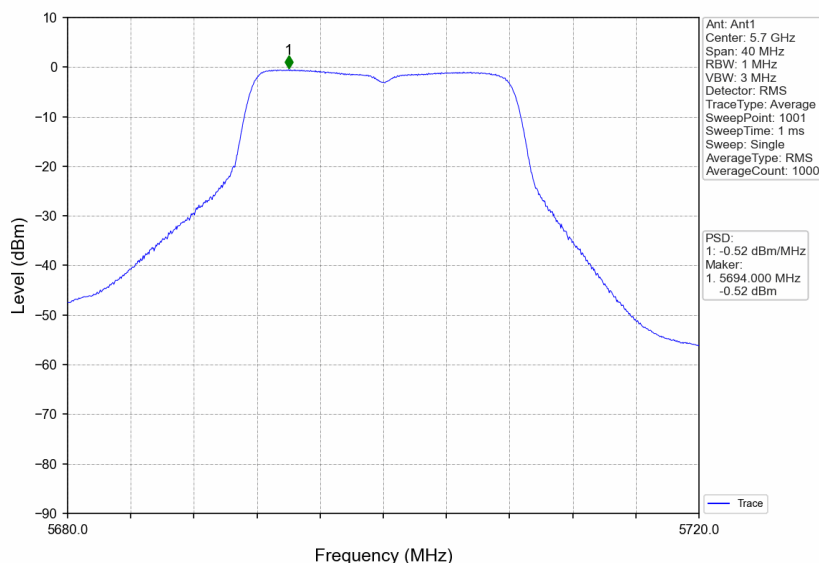
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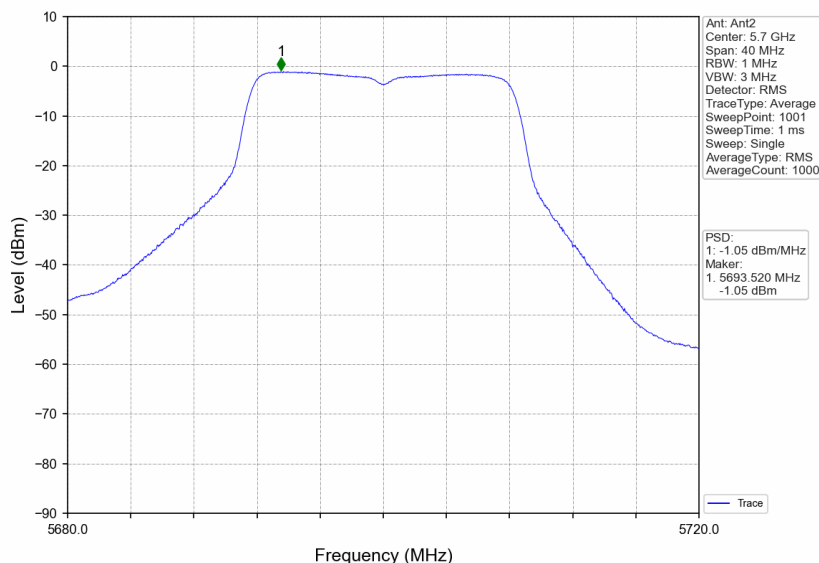
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802.11a\_HCH\_5700MHz\_Ant1\_NTNV



802.11a\_HCH\_5700MHz\_Ant2\_NTNV



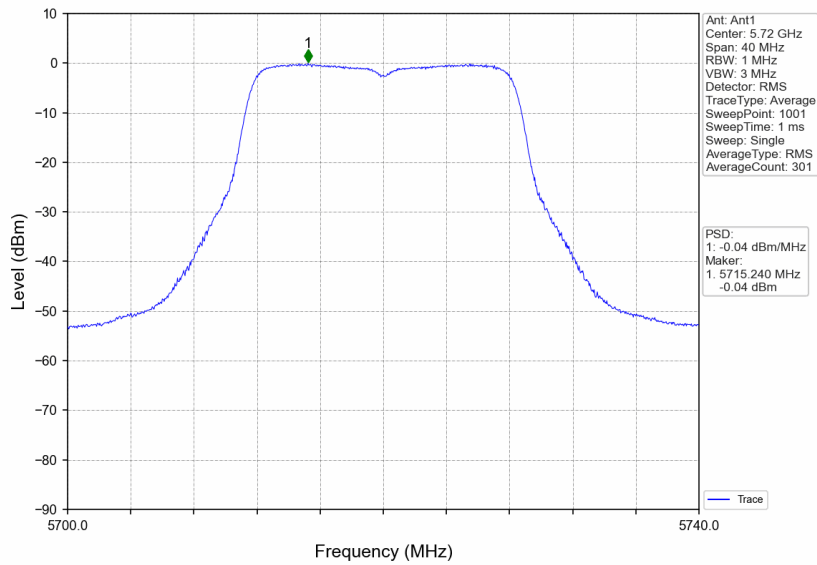
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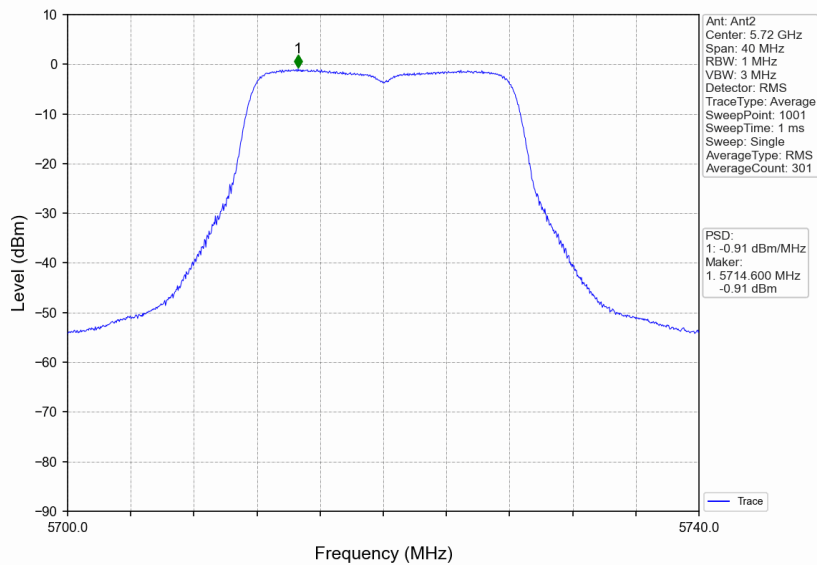
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802.11a\_HCH\_5720MHz\_Ant1\_NTNV



802.11a\_HCH\_5720MHz\_Ant2\_NTNV



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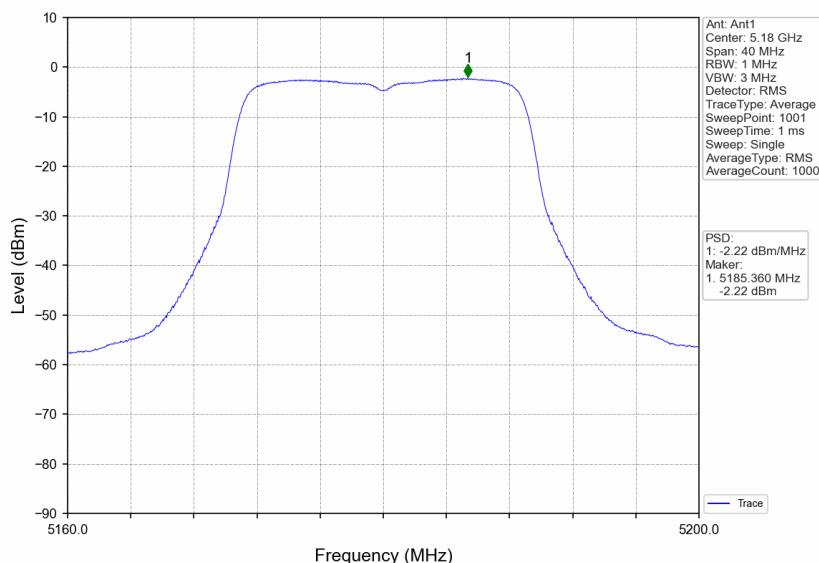
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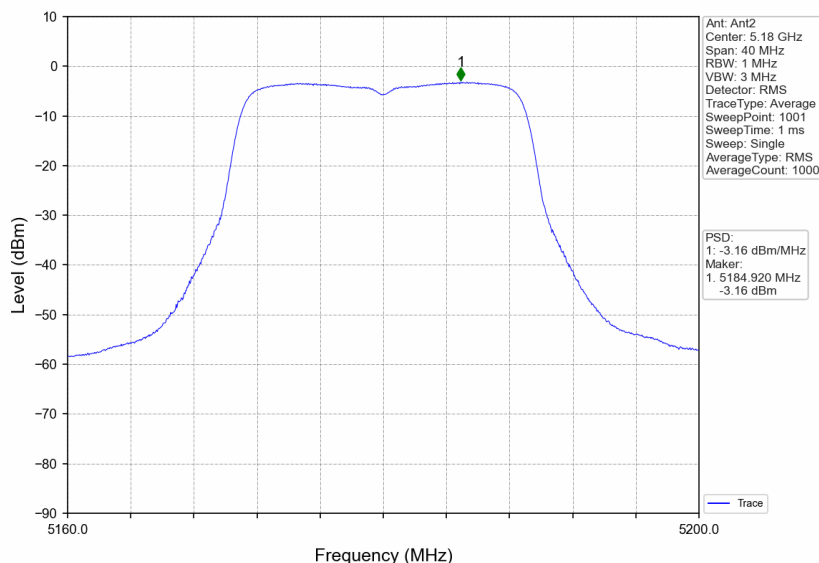
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802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



802.11n(HT20)\_LCH\_5180MHz\_Ant2\_NTNV



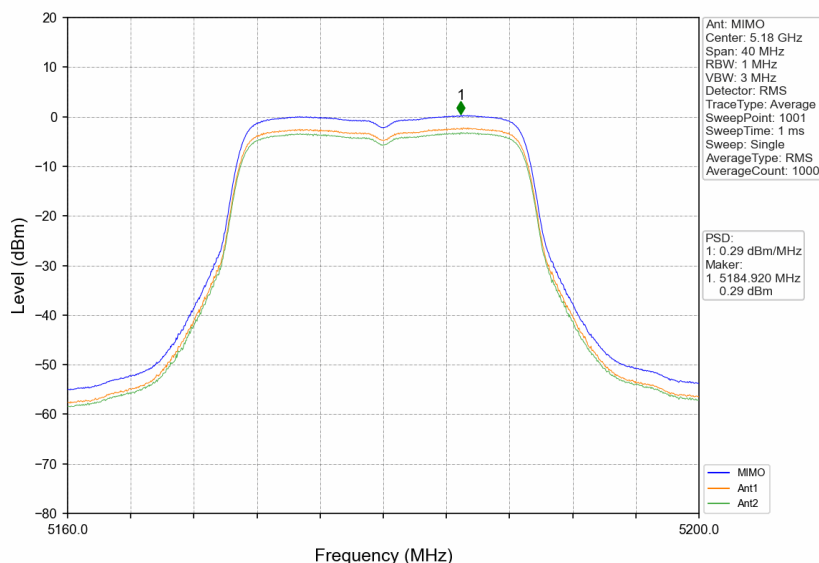
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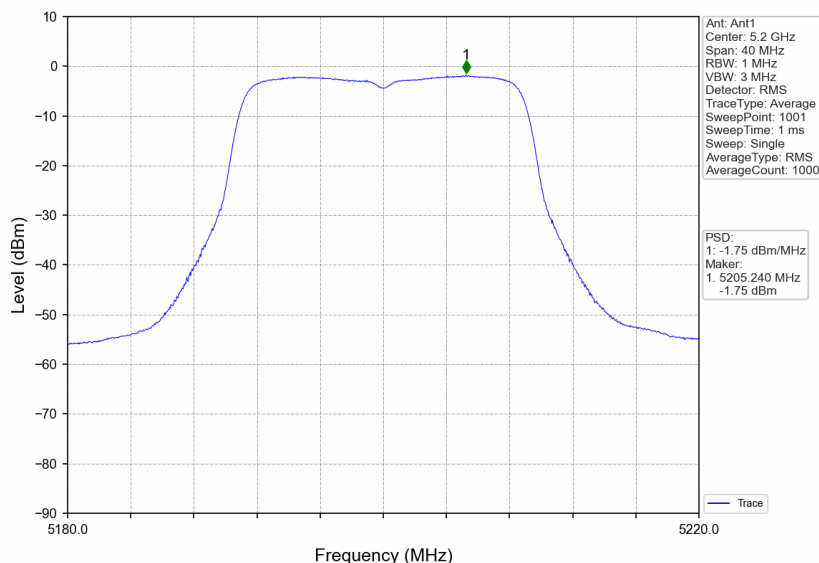
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802.11n(HT20)\_LCH\_5180MHz\_MIMO\_NTNV

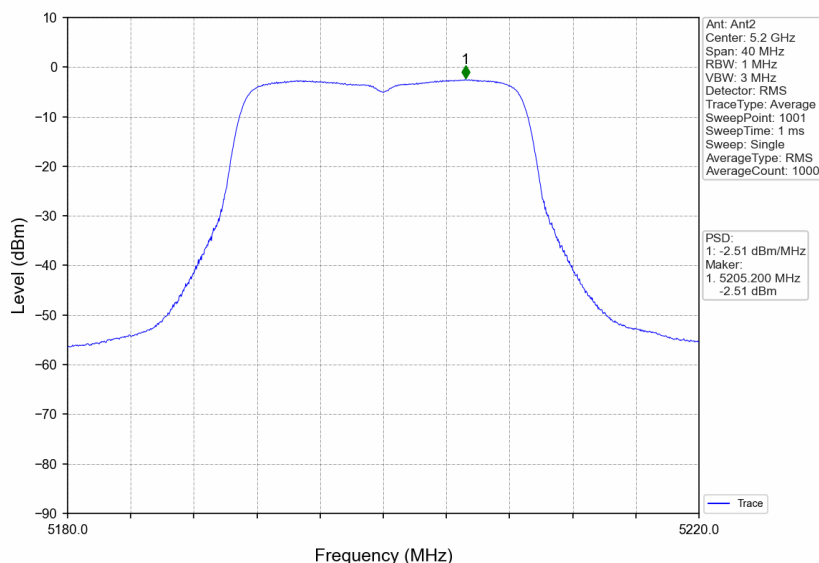


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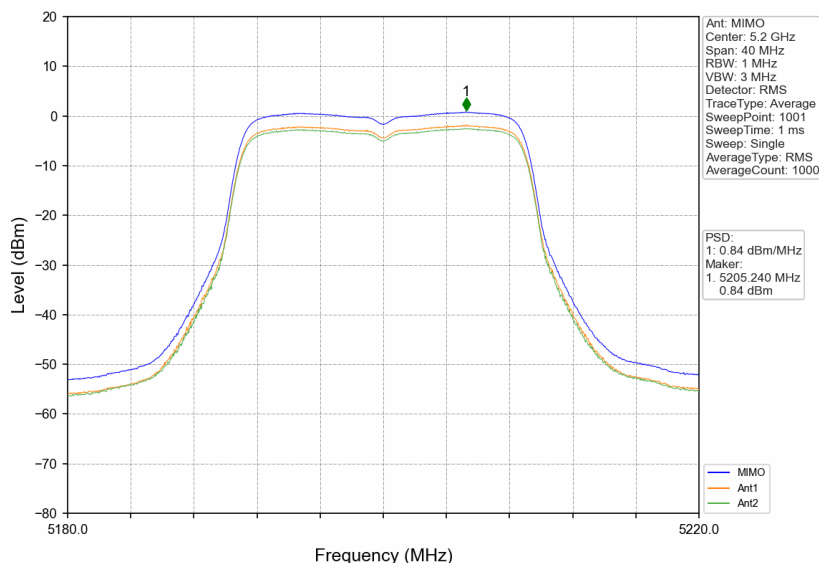


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802.11n(HT20)\_MCH\_5200MHz\_Ant2\_NTNV

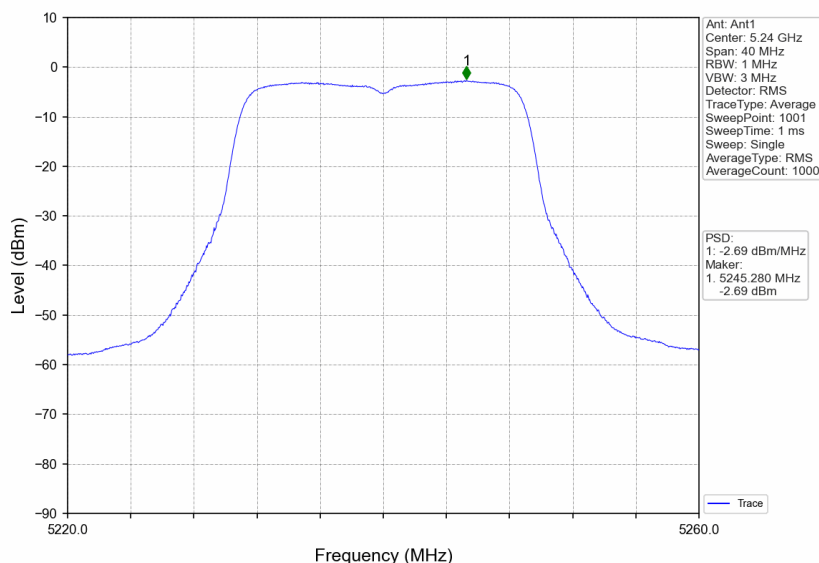


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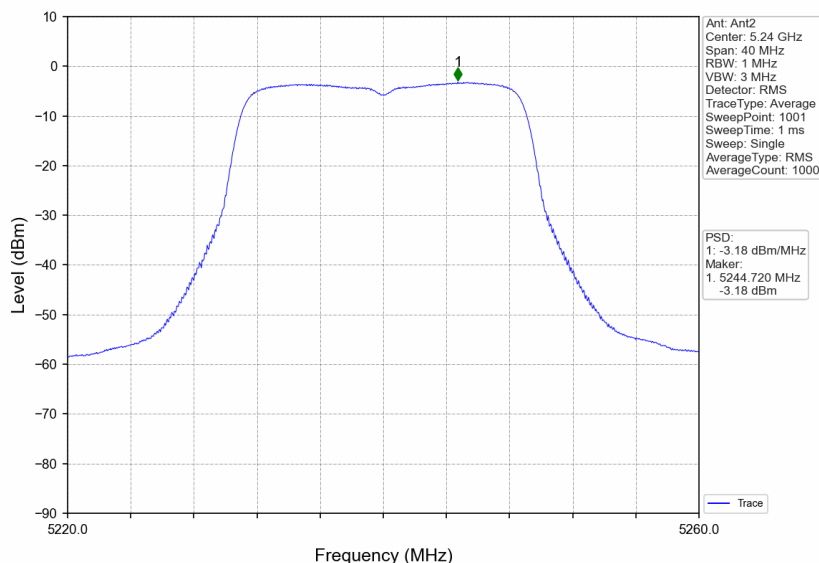


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802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



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



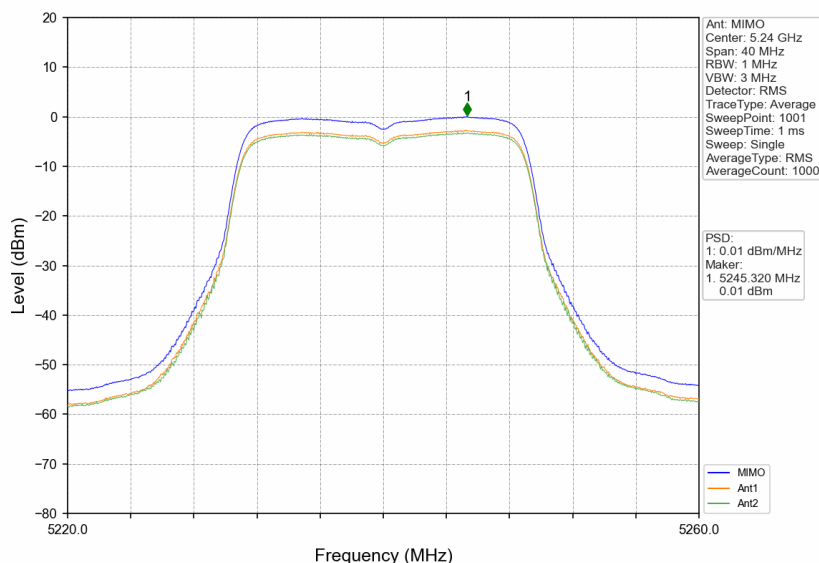
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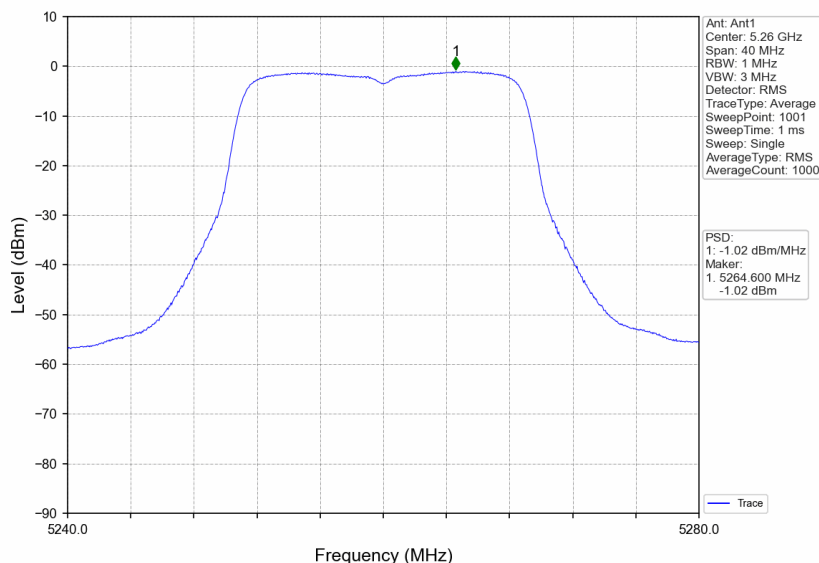
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802.11n(HT20)\_HCH\_5240MHz\_MIMO\_NTNV

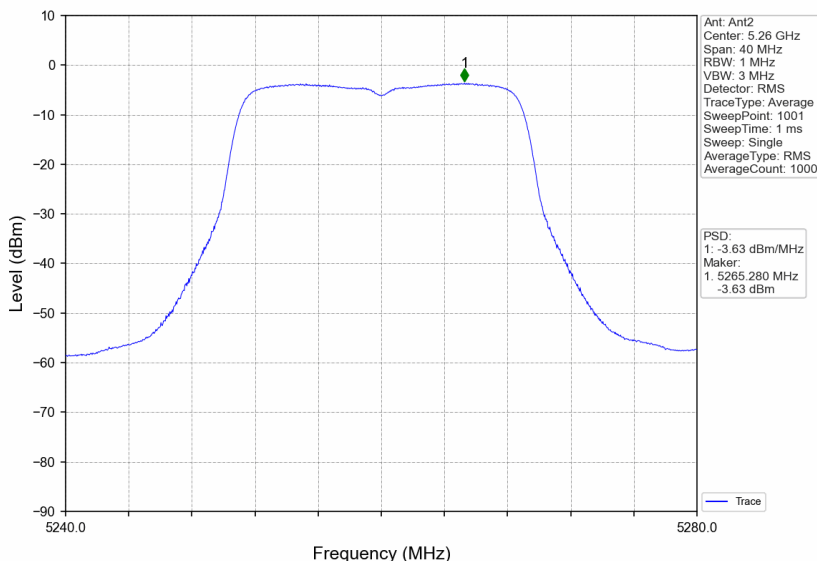


802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV

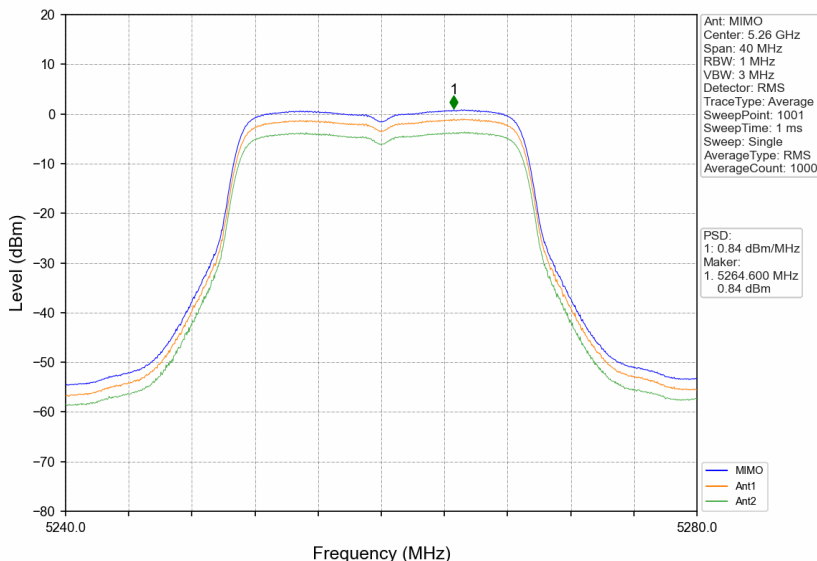


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802.11n(HT20)\_LCH\_5260MHz\_Ant2\_NTNV



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



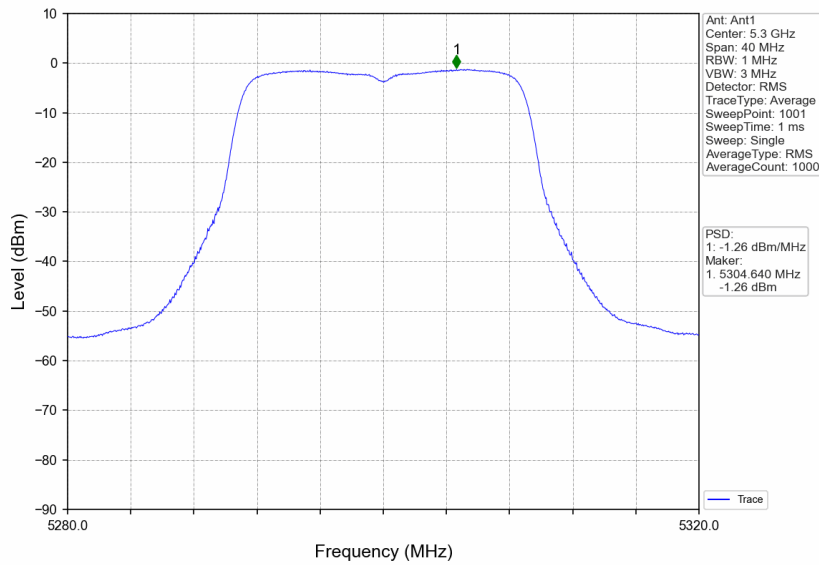
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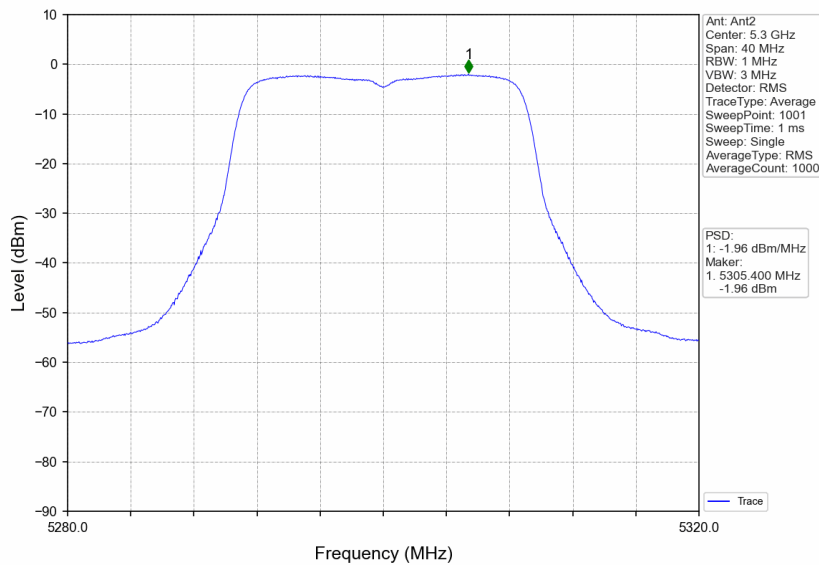
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802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



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



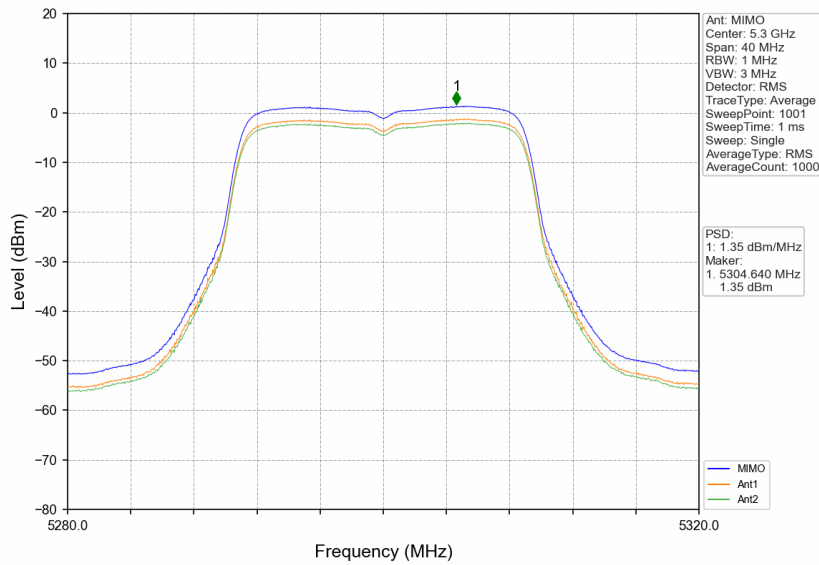
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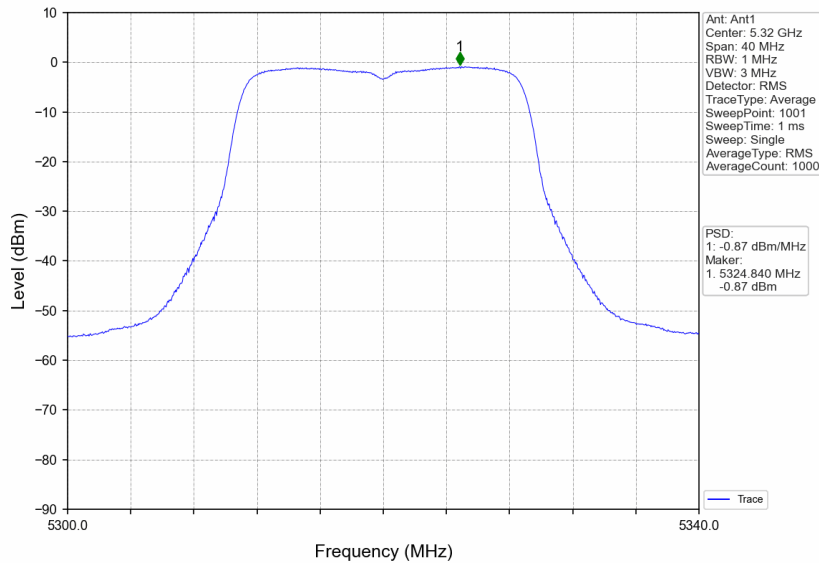
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802.11n(HT20)\_MCH\_5300MHz\_MIMO\_NTNV



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

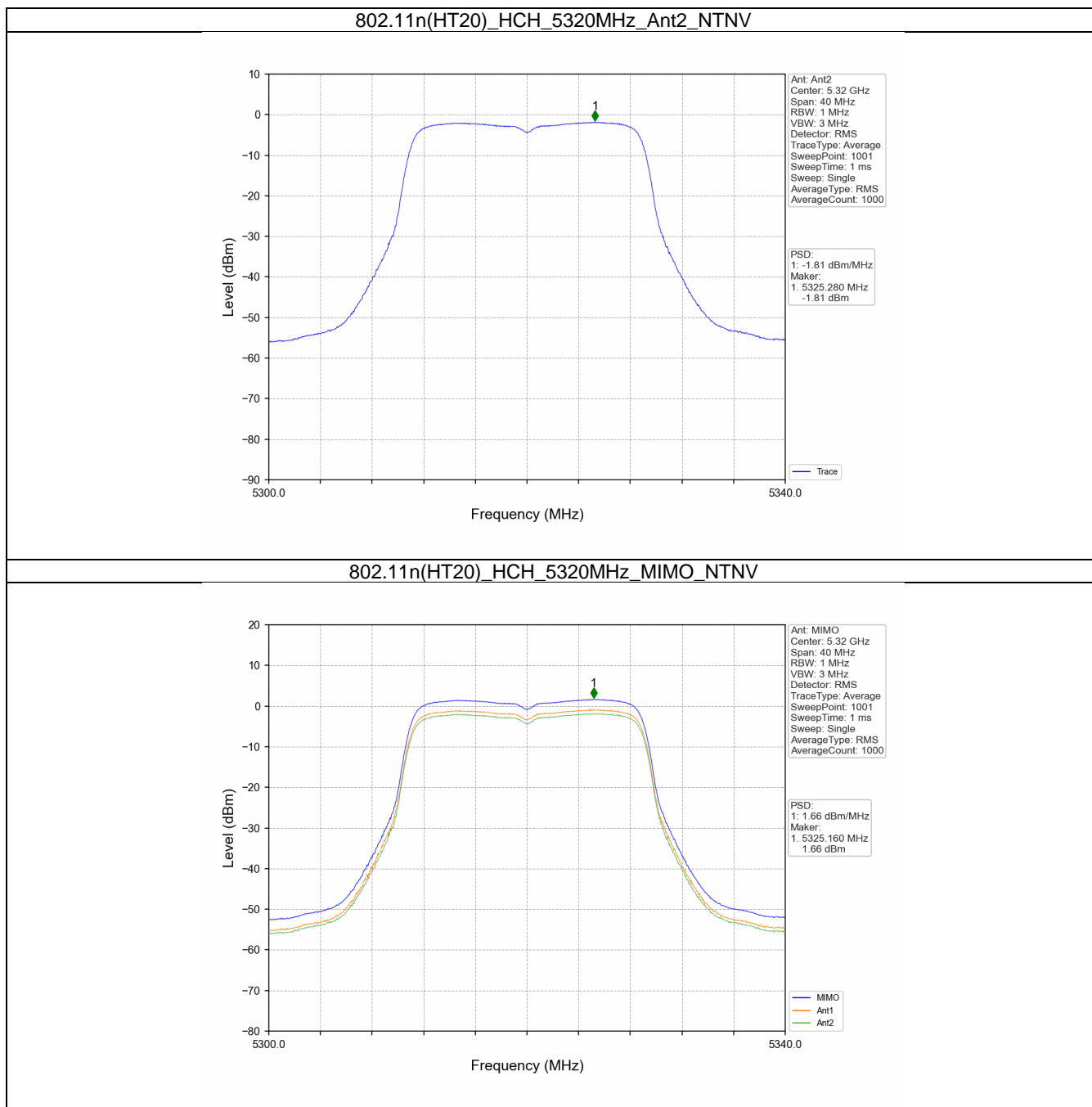


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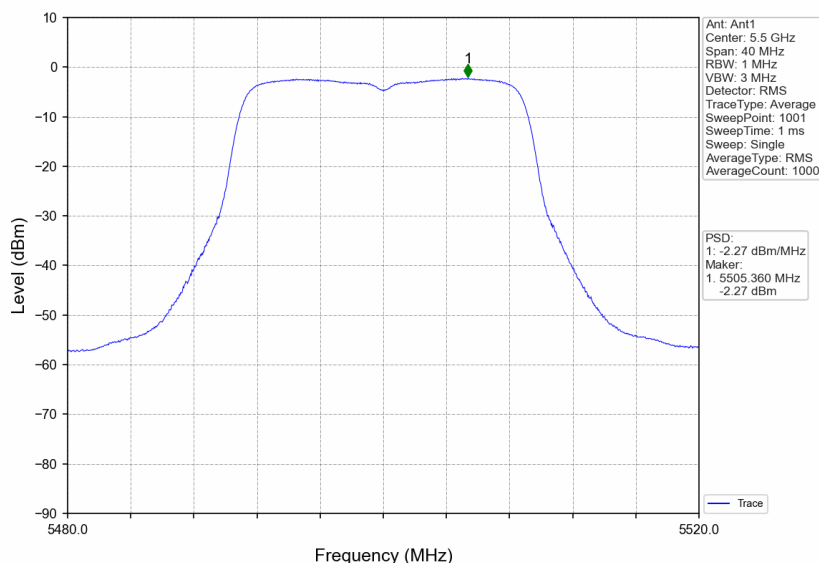
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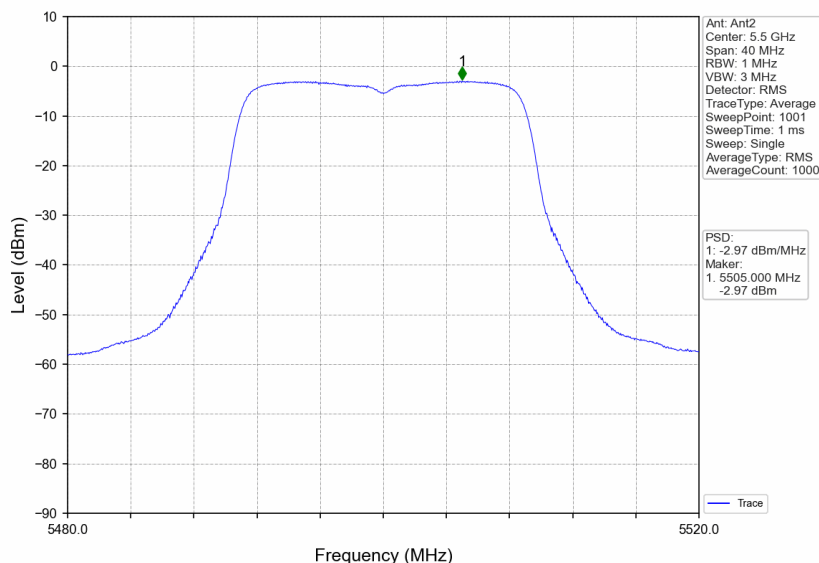
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802.11n(HT20)\_LCH\_5500MHz\_Ant1\_NTNV

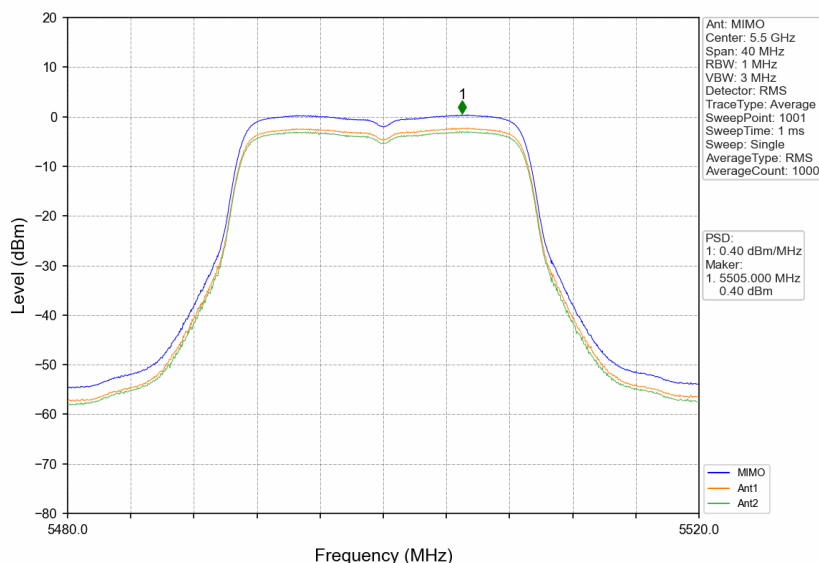


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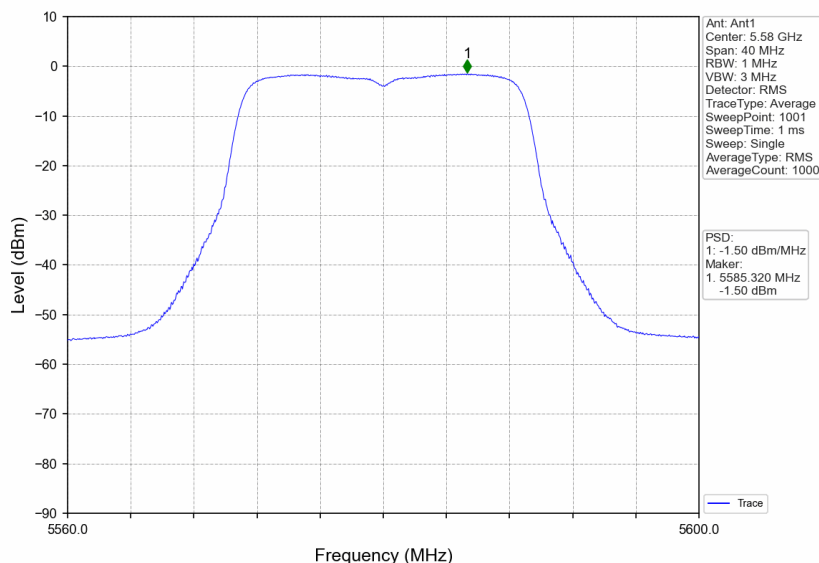


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802.11n(HT20)\_LCH\_5500MHz\_MIMO\_NTNV

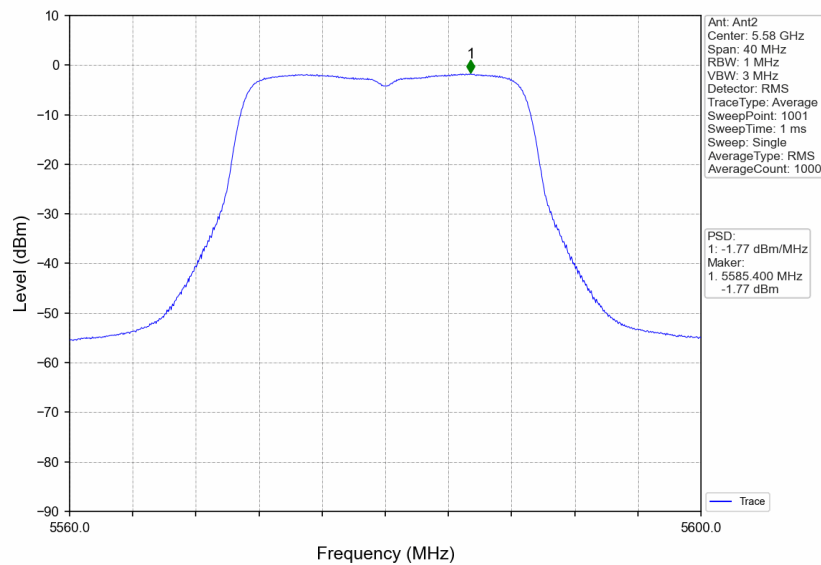


802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV

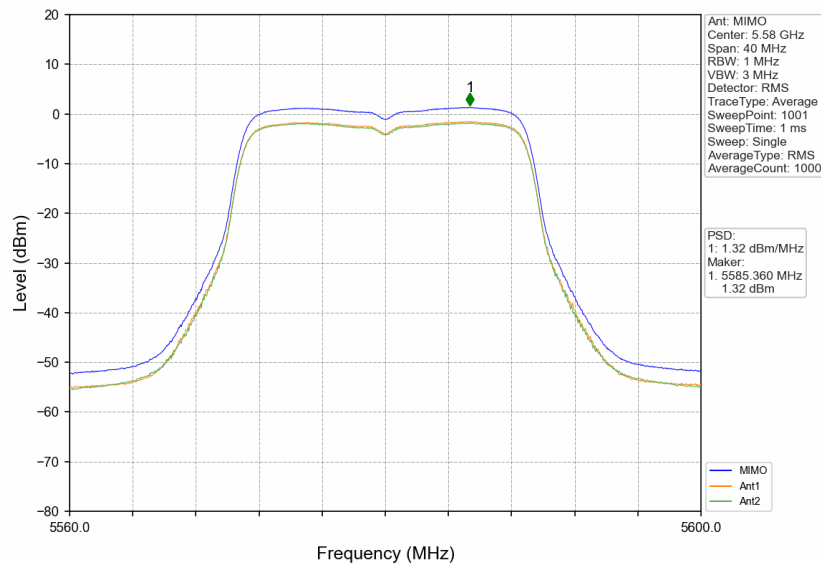


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802.11n(HT20)\_MCH\_5580MHz\_Ant2\_NTNV



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



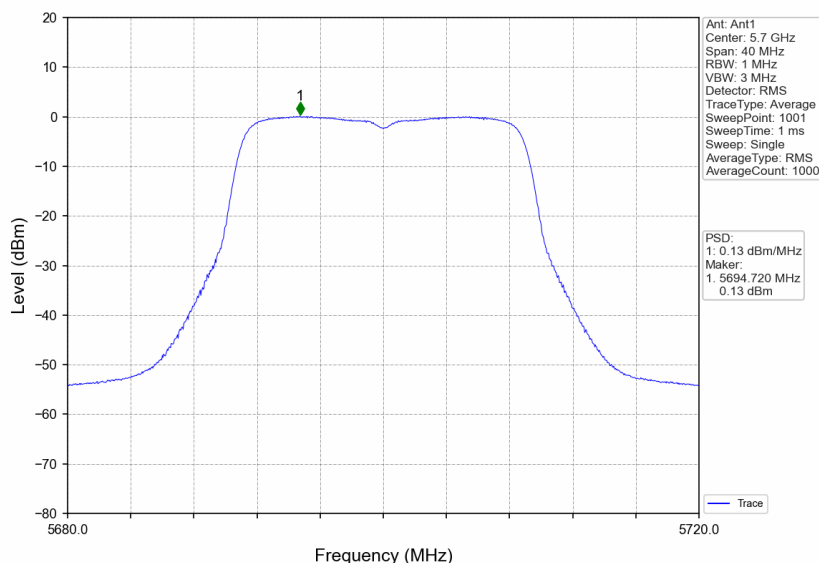
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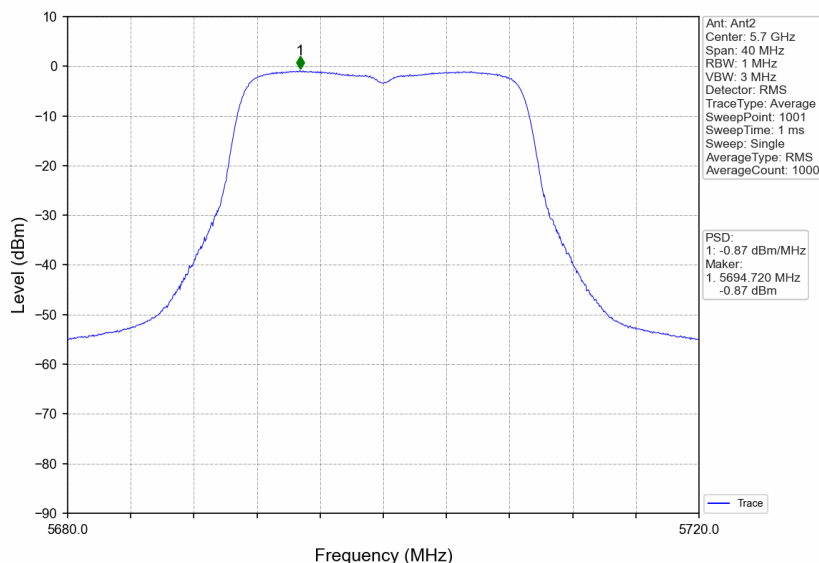
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802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



802.11n(HT20)\_HCH\_5700MHz\_Ant2\_NTNV



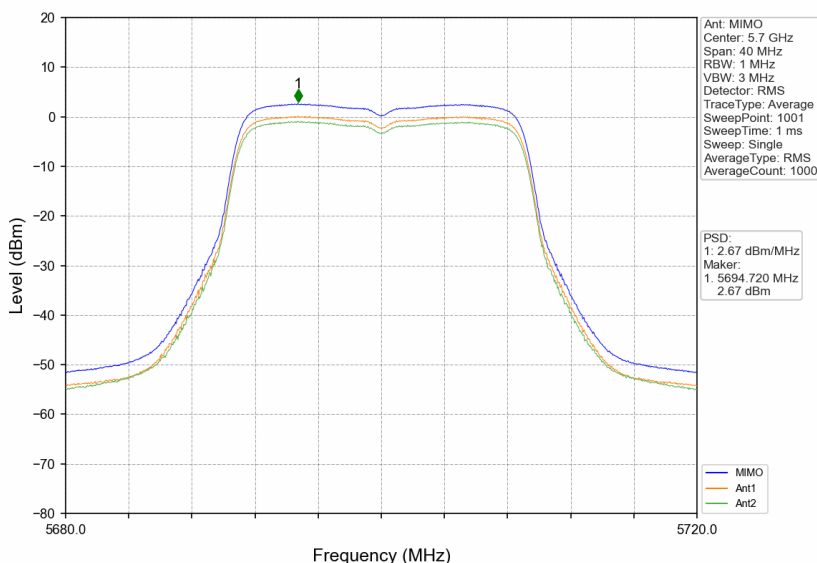
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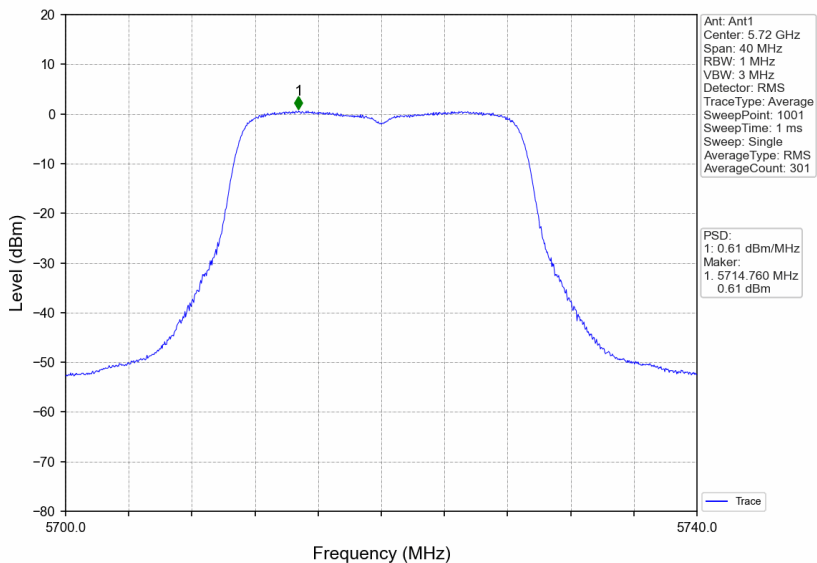
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802.11n(HT20)\_HCH\_5700MHz\_MIMO\_NTNV

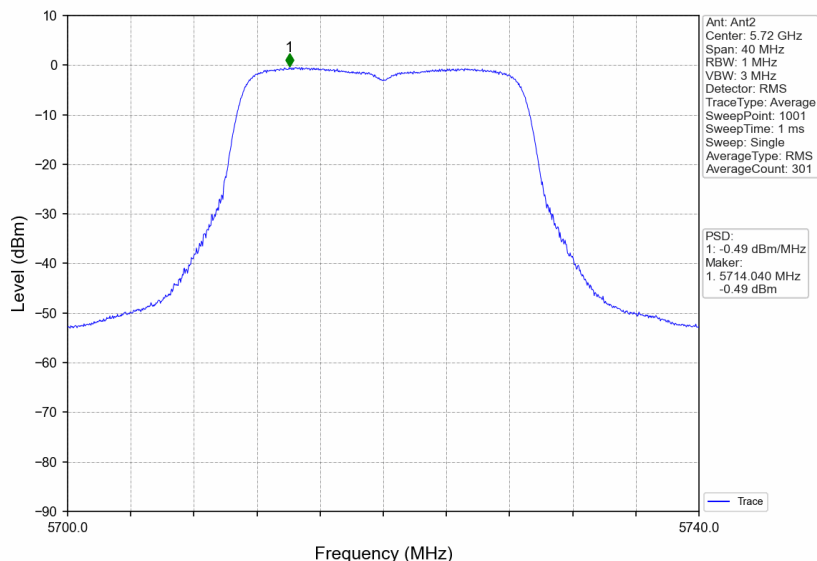


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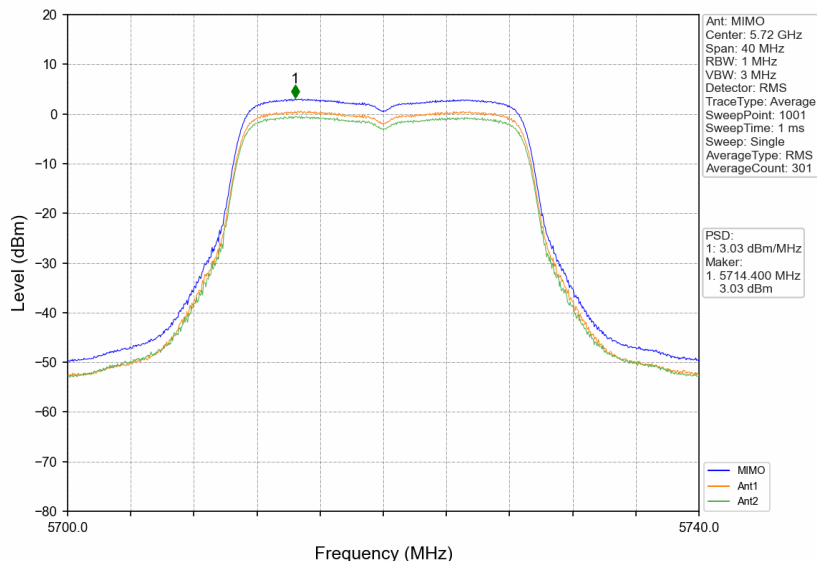


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802.11n(HT20)\_HCH\_5720MHz\_Ant2\_NTNV



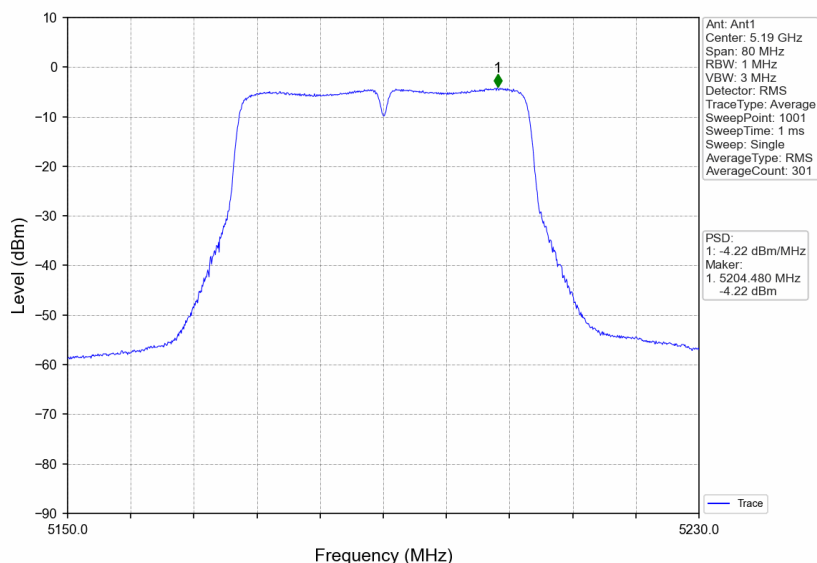
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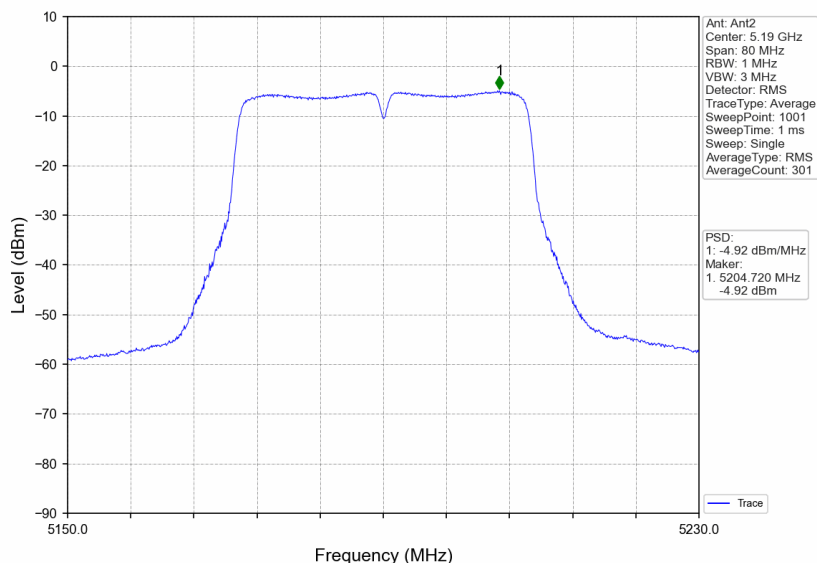
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802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



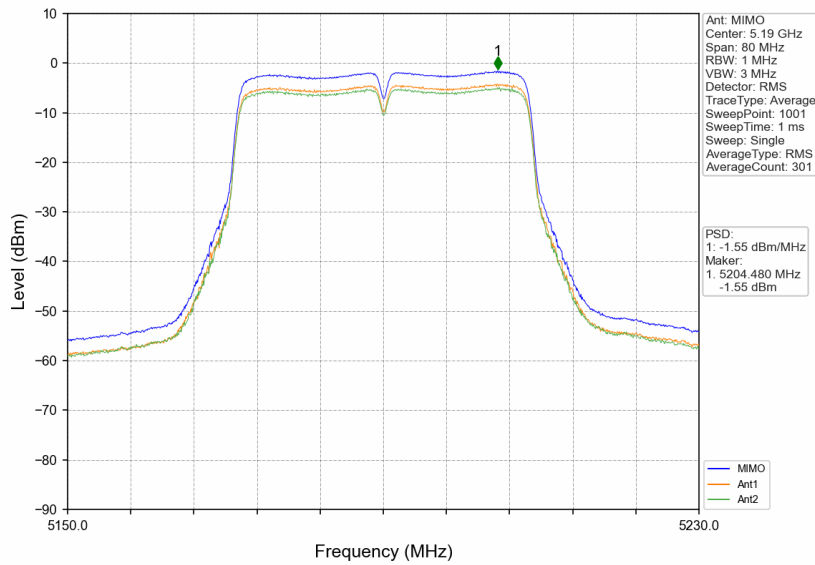
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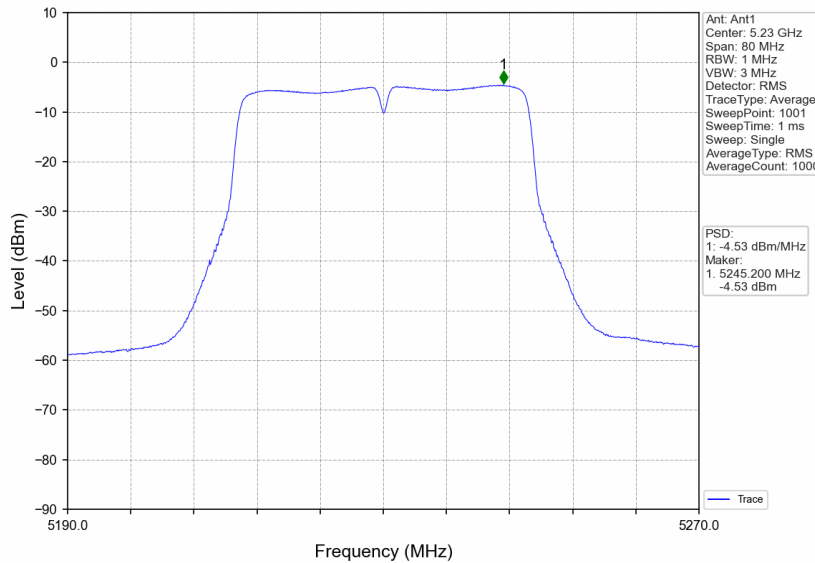
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802.11n(HT40)\_LCH\_5190MHz\_MIMO\_NTNV

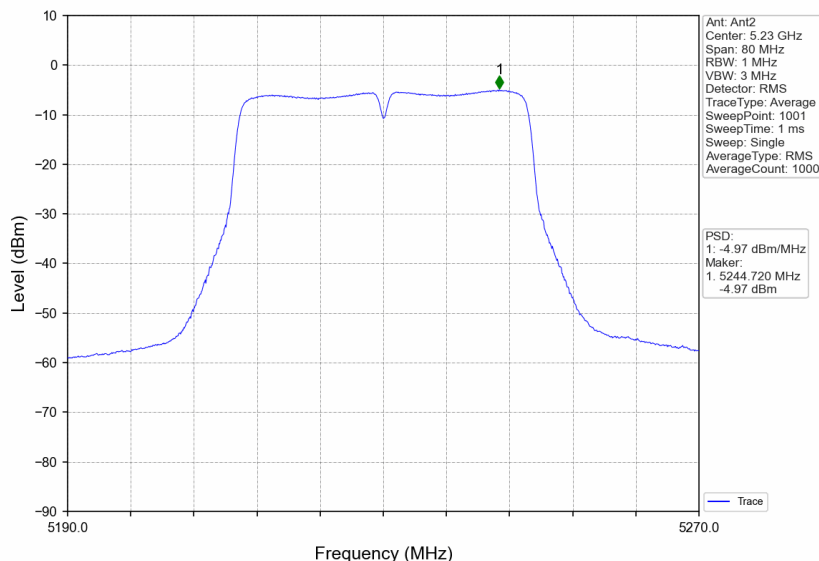


802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV

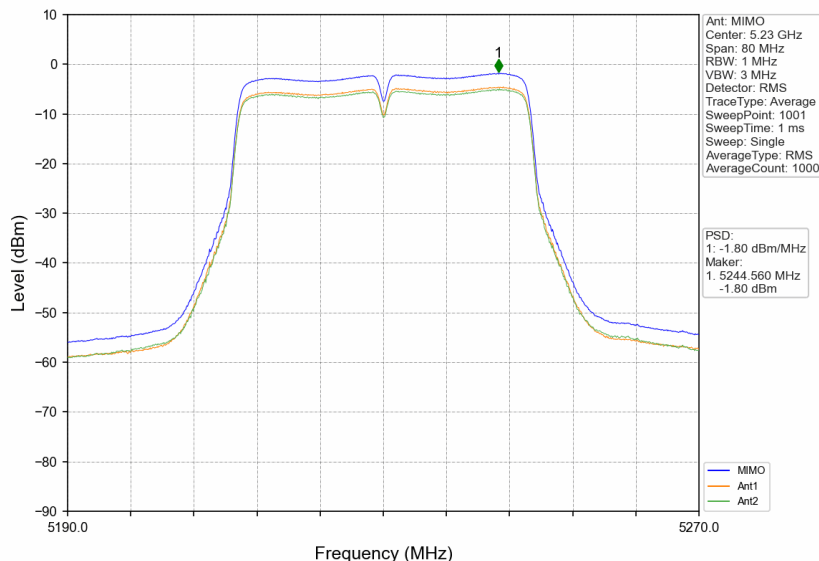


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802.11n(HT40)\_HCH\_5230MHz\_Ant2\_NTNV



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



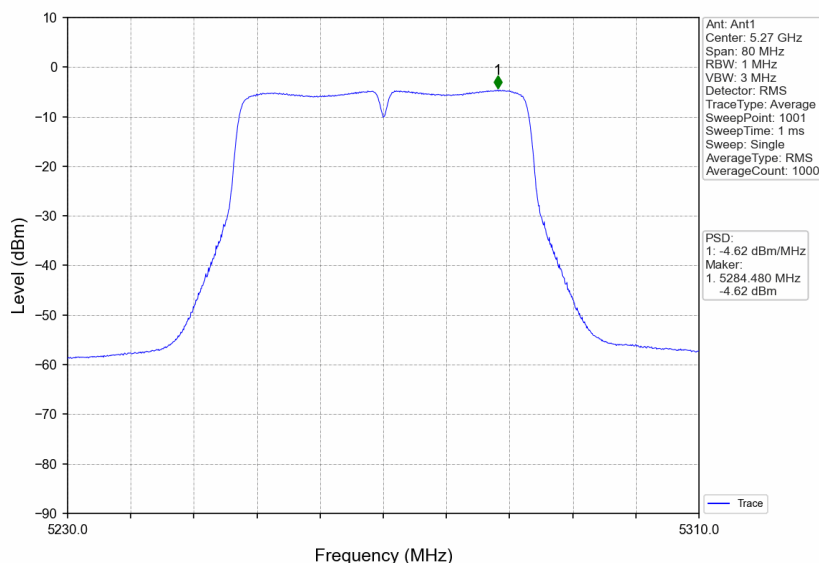
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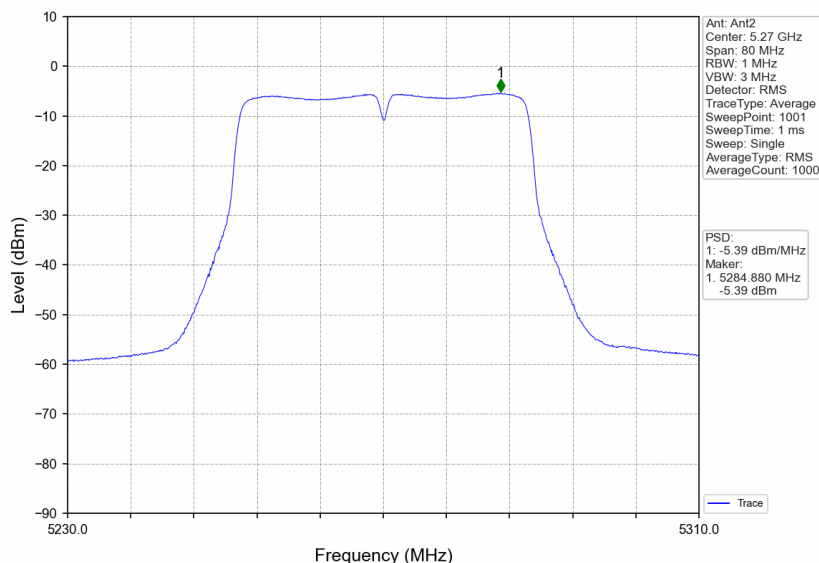
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802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



802.11n(HT40)\_LCH\_5270MHz\_Ant2\_NTNV

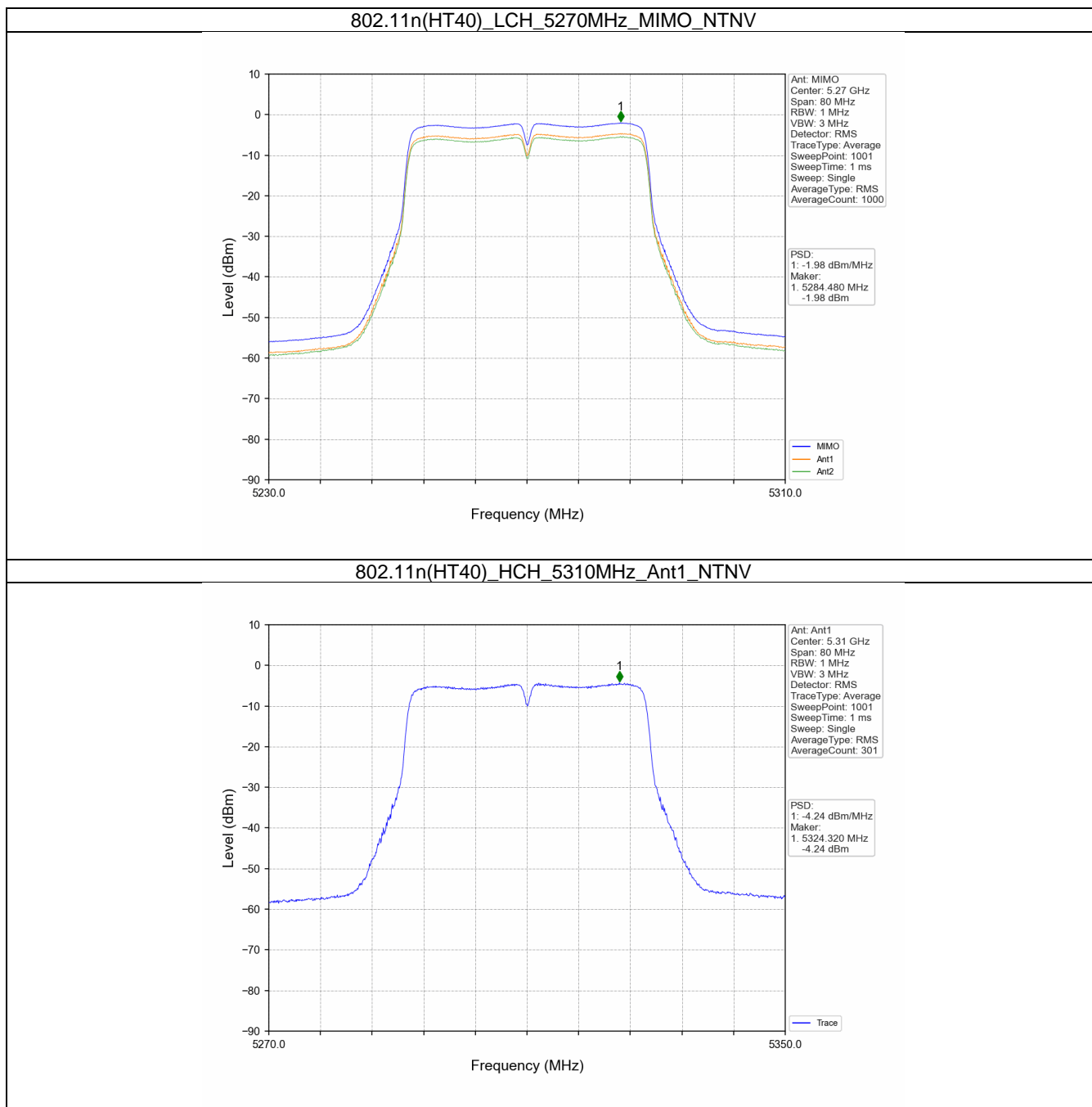


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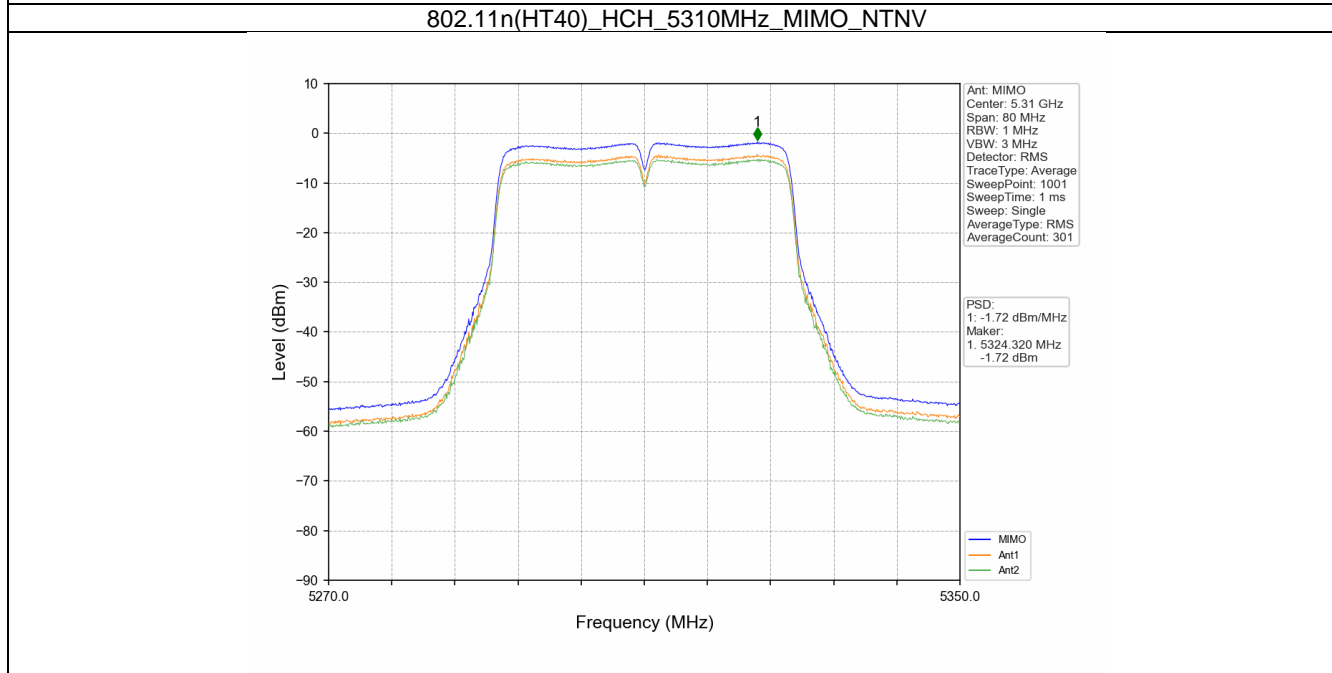
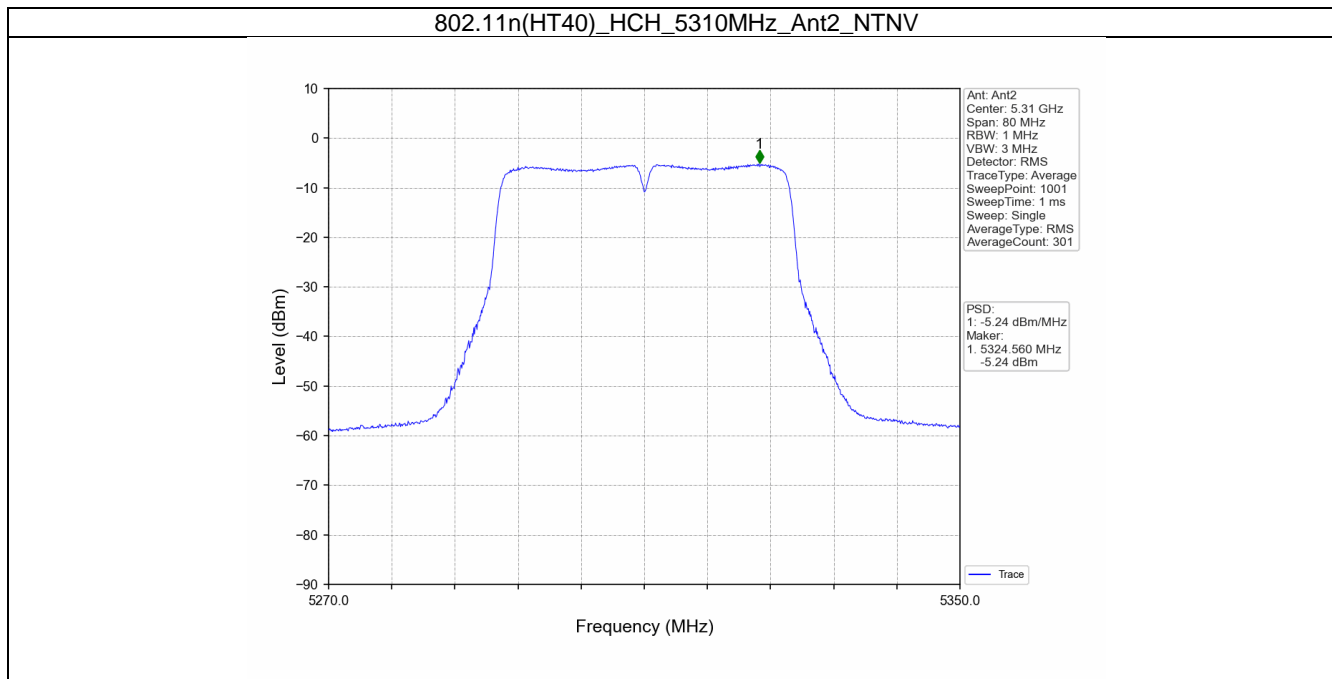


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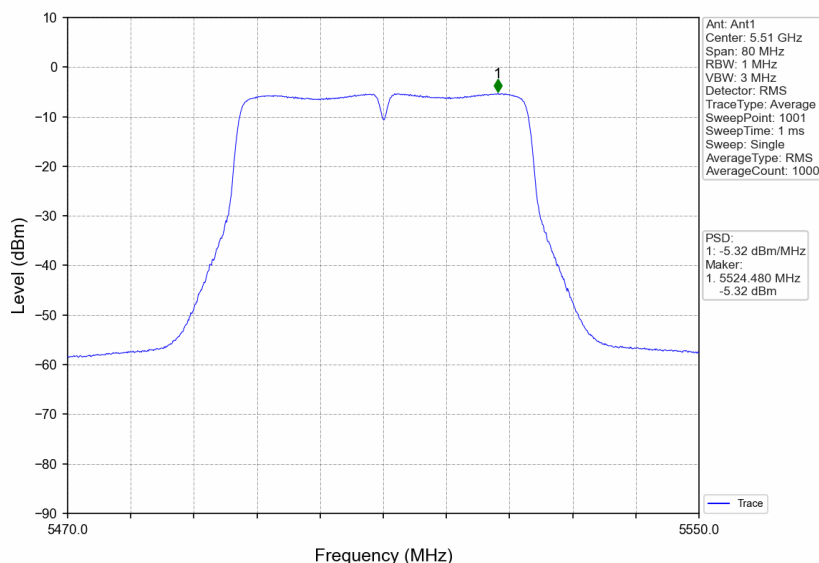
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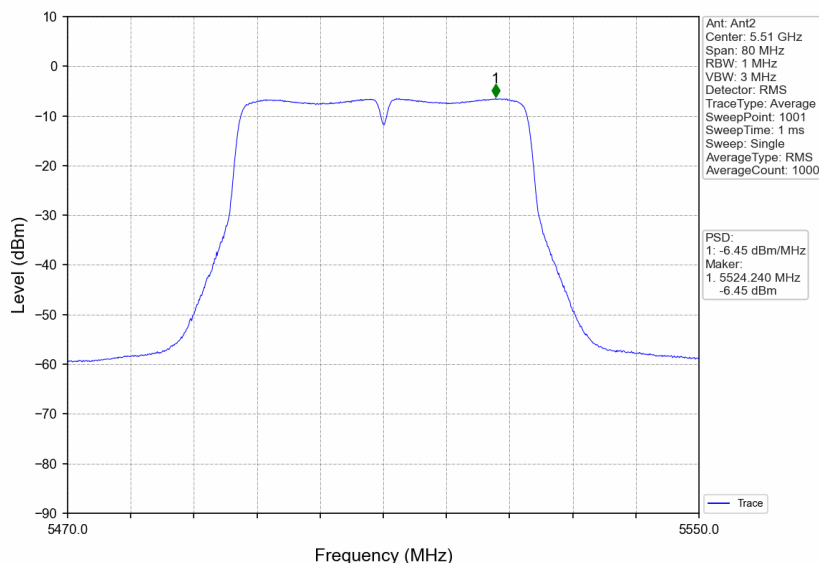
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802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV

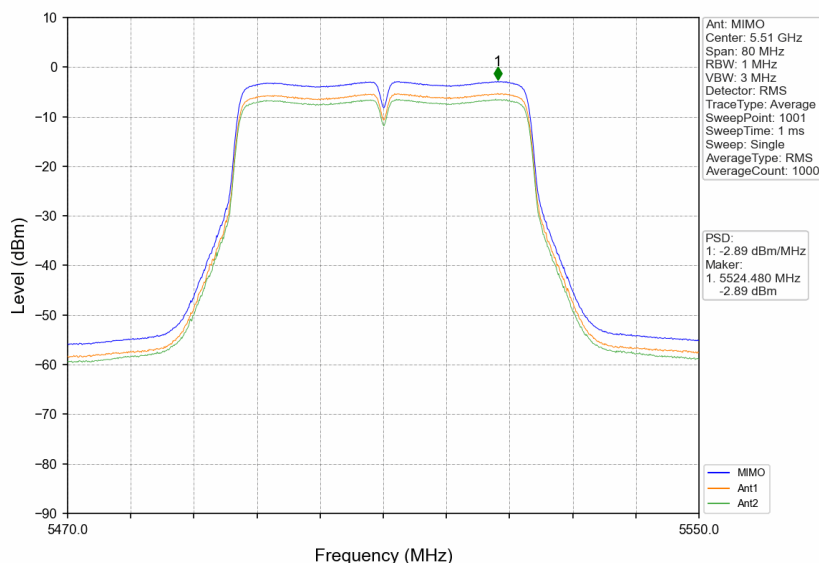


802.11n(HT40)\_LCH\_5510MHz\_Ant2\_NTNV

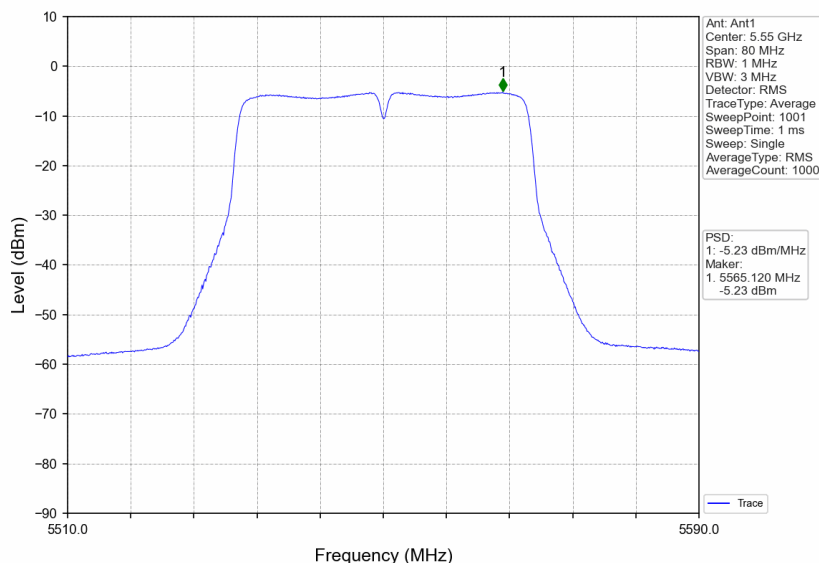


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802.11n(HT40)\_LCH\_5510MHz\_MIMO\_NTNV

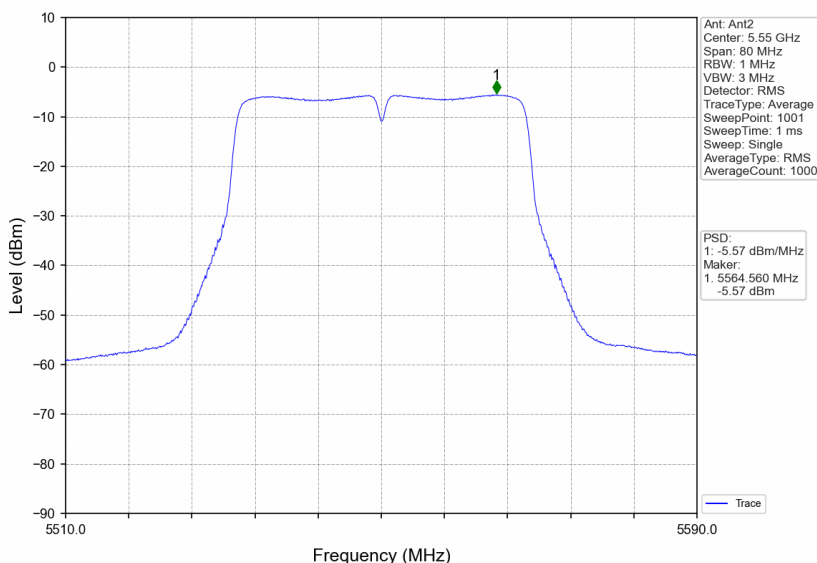


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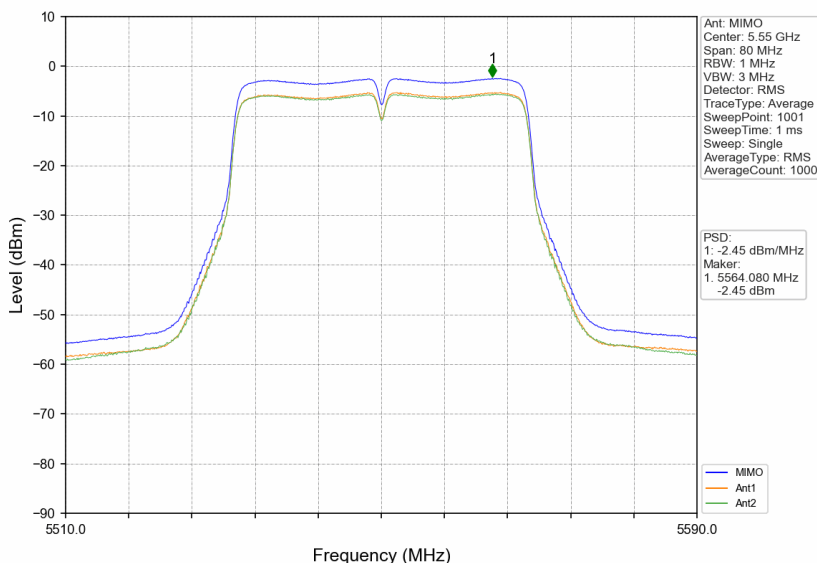


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802.11n(HT40)\_MCH\_5550MHz\_Ant2\_NTNV



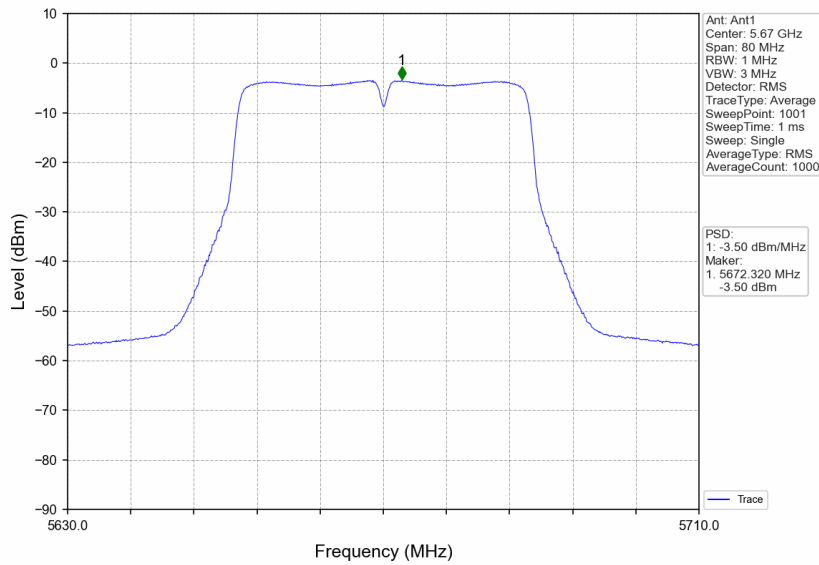
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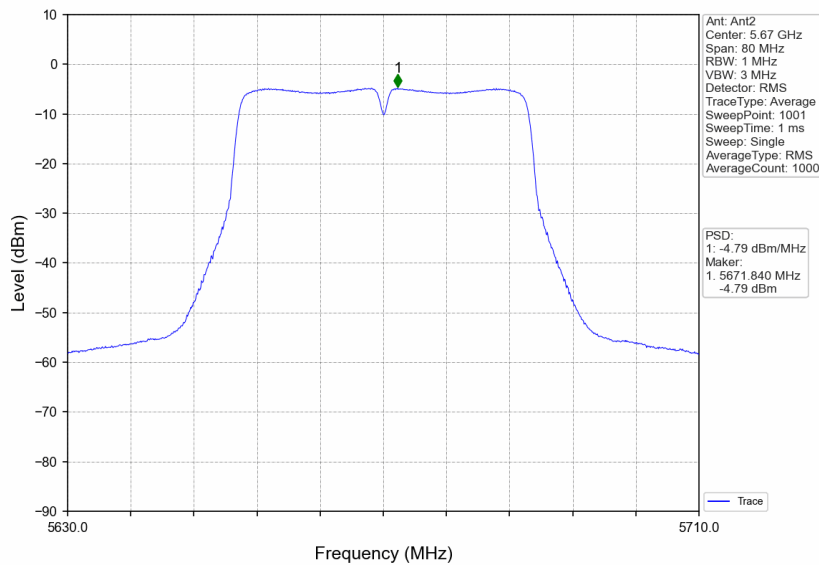
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802.11n(HT40)\_HCH\_5670MHz\_Ant1\_NTNV



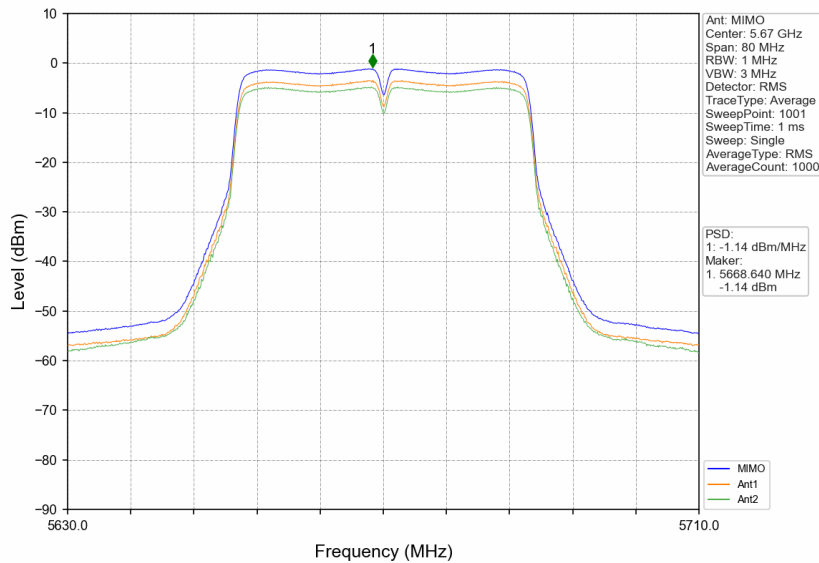
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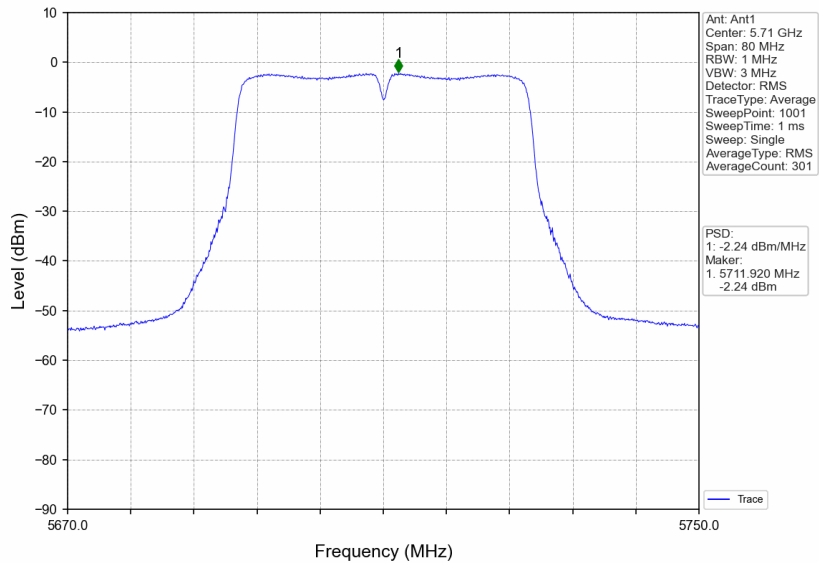
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802.11n(HT40)\_HCH\_5670MHz\_MIMO\_NTNV

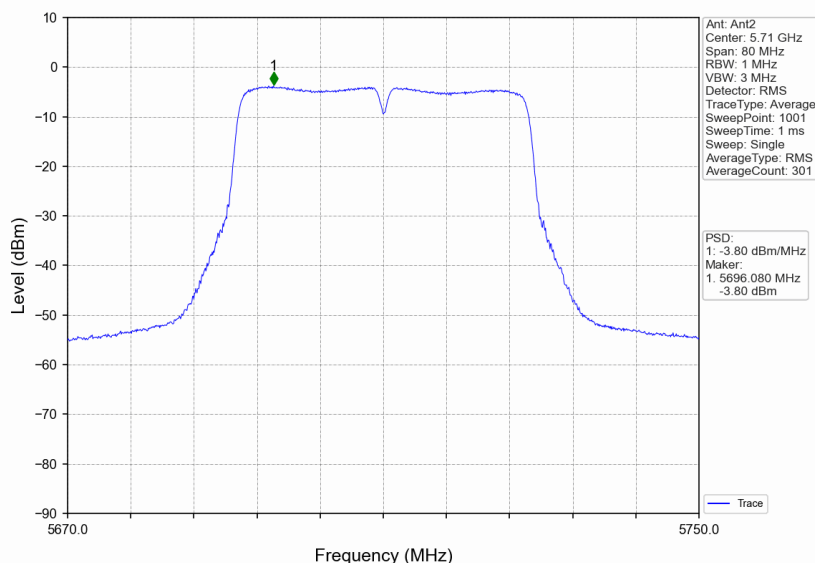


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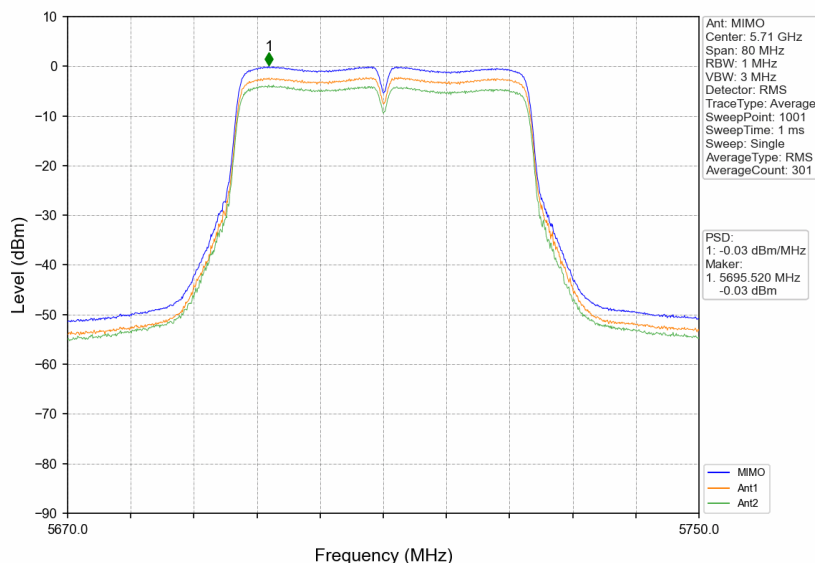


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802.11n(HT40)\_HCH\_5710MHz\_Ant2\_NTNV



802.11n(HT40)\_HCH\_5710MHz\_MIMO\_NTNV

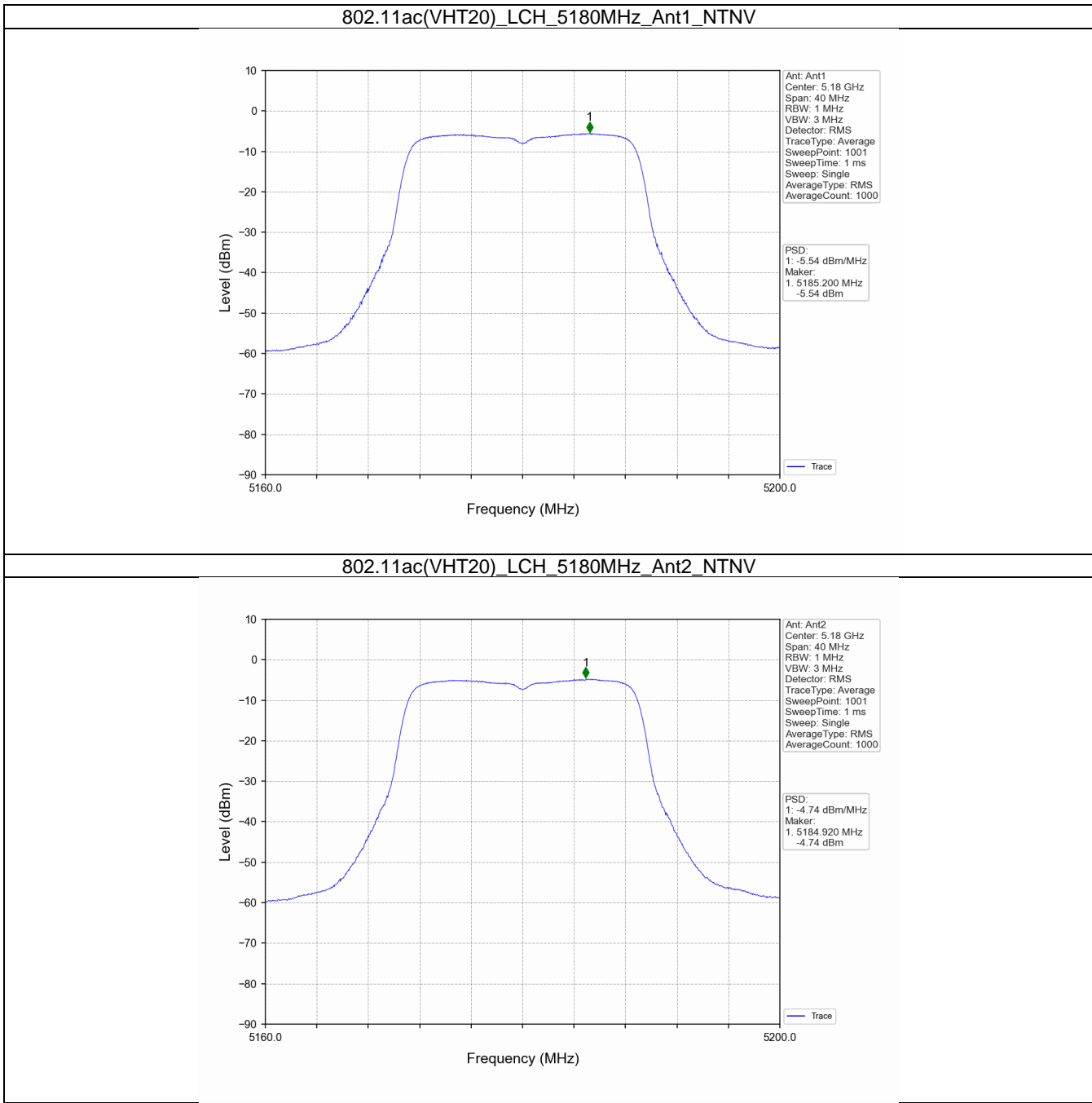


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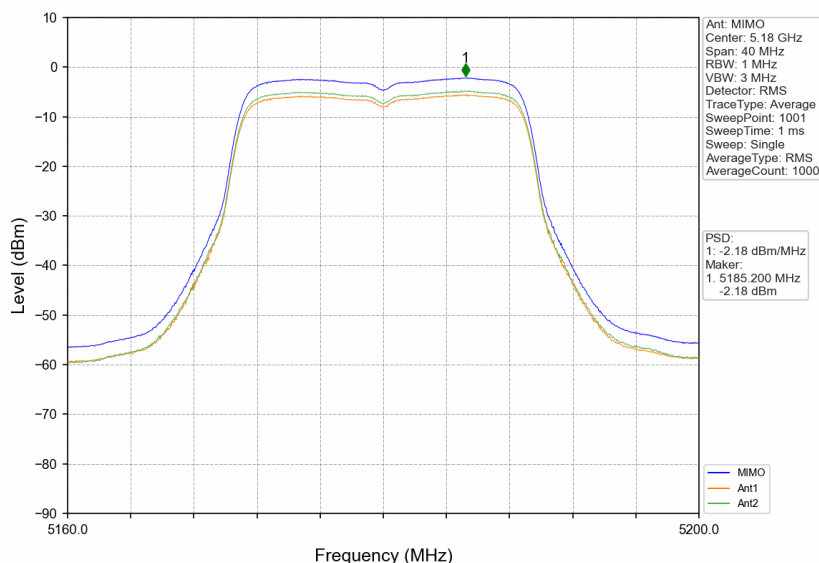
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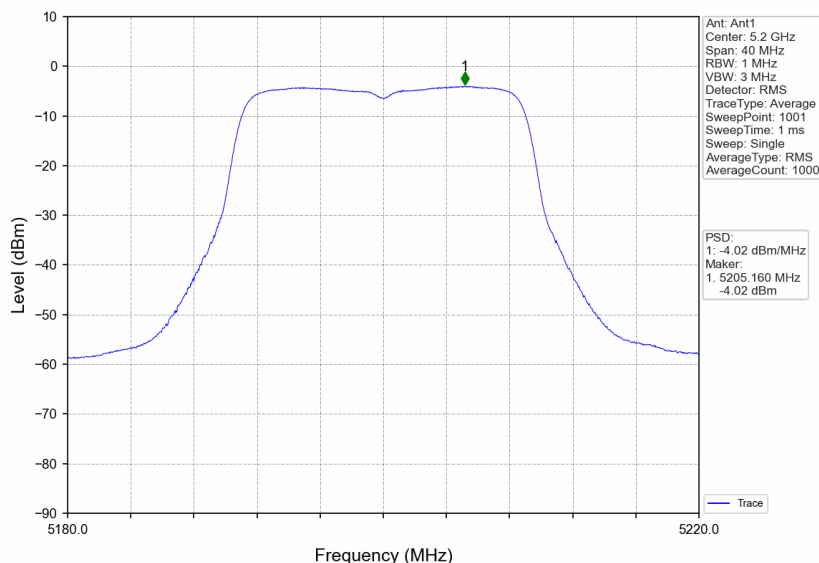
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802.11ac(VHT20)\_LCH\_5180MHz\_MIMO\_NTNV

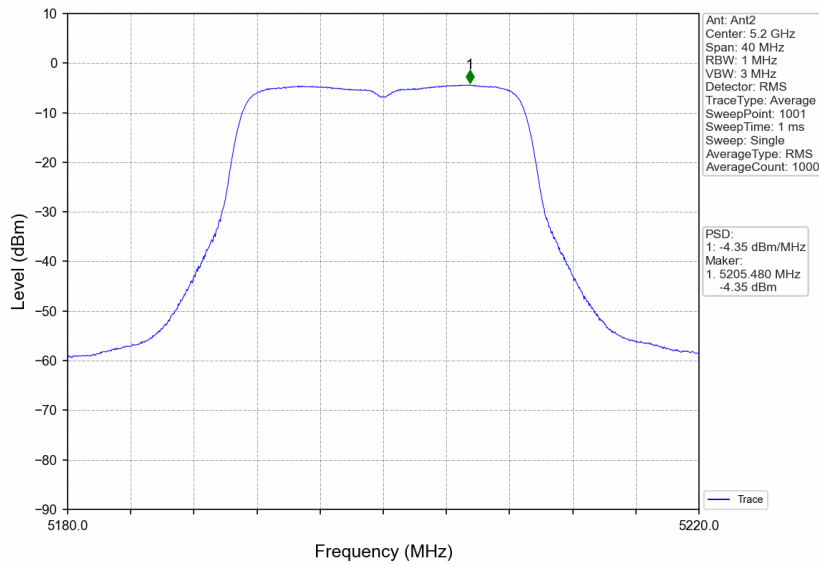


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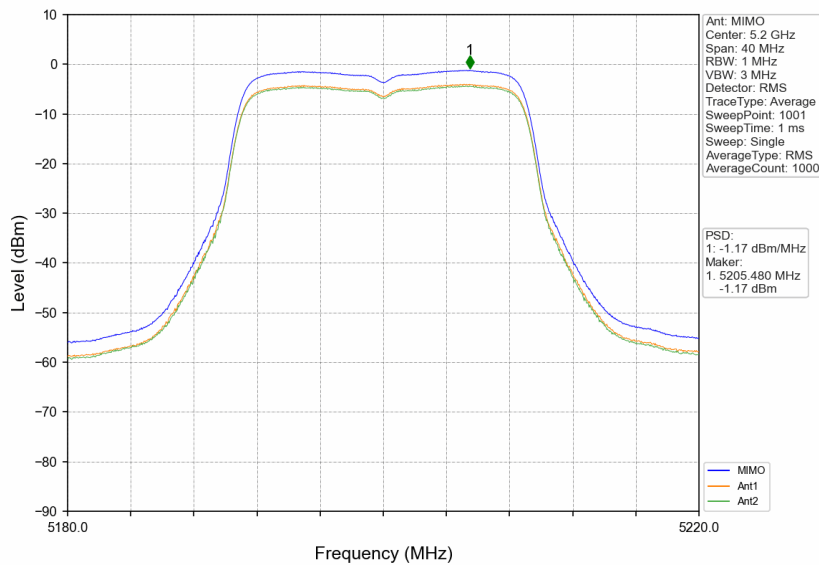


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802.11ac(VHT20)\_MCH\_5200MHz\_Ant2\_NTNV



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



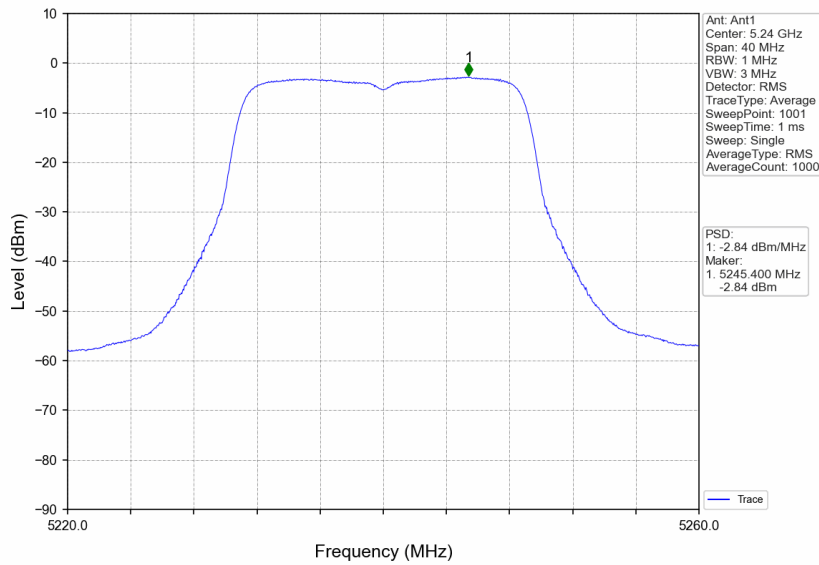
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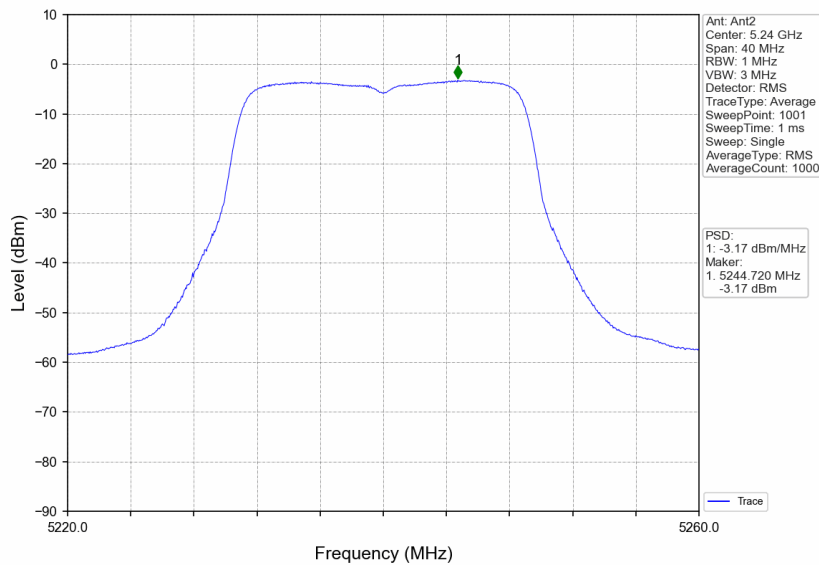
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802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



802.11ac(VHT20)\_HCH\_5240MHz\_Ant2\_NTNV



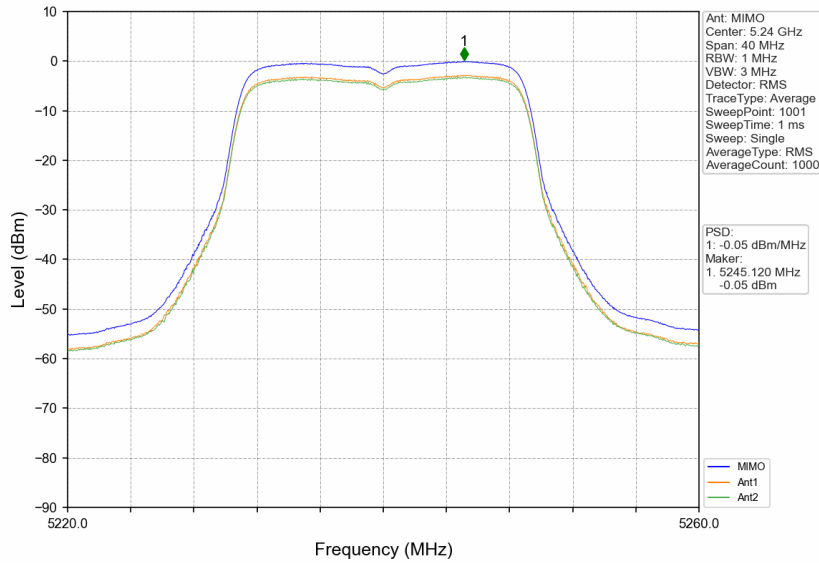
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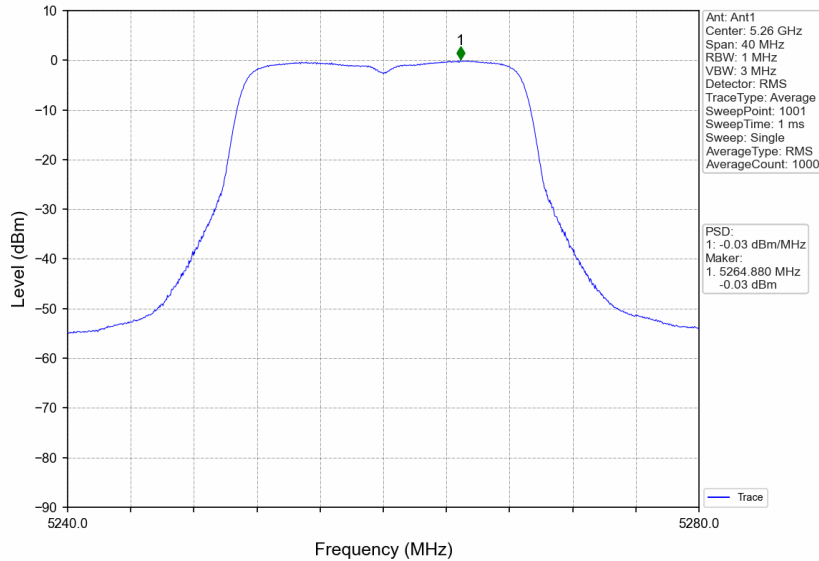
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802.11ac(VHT20)\_HCH\_5240MHz\_MIMO\_NTNV



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



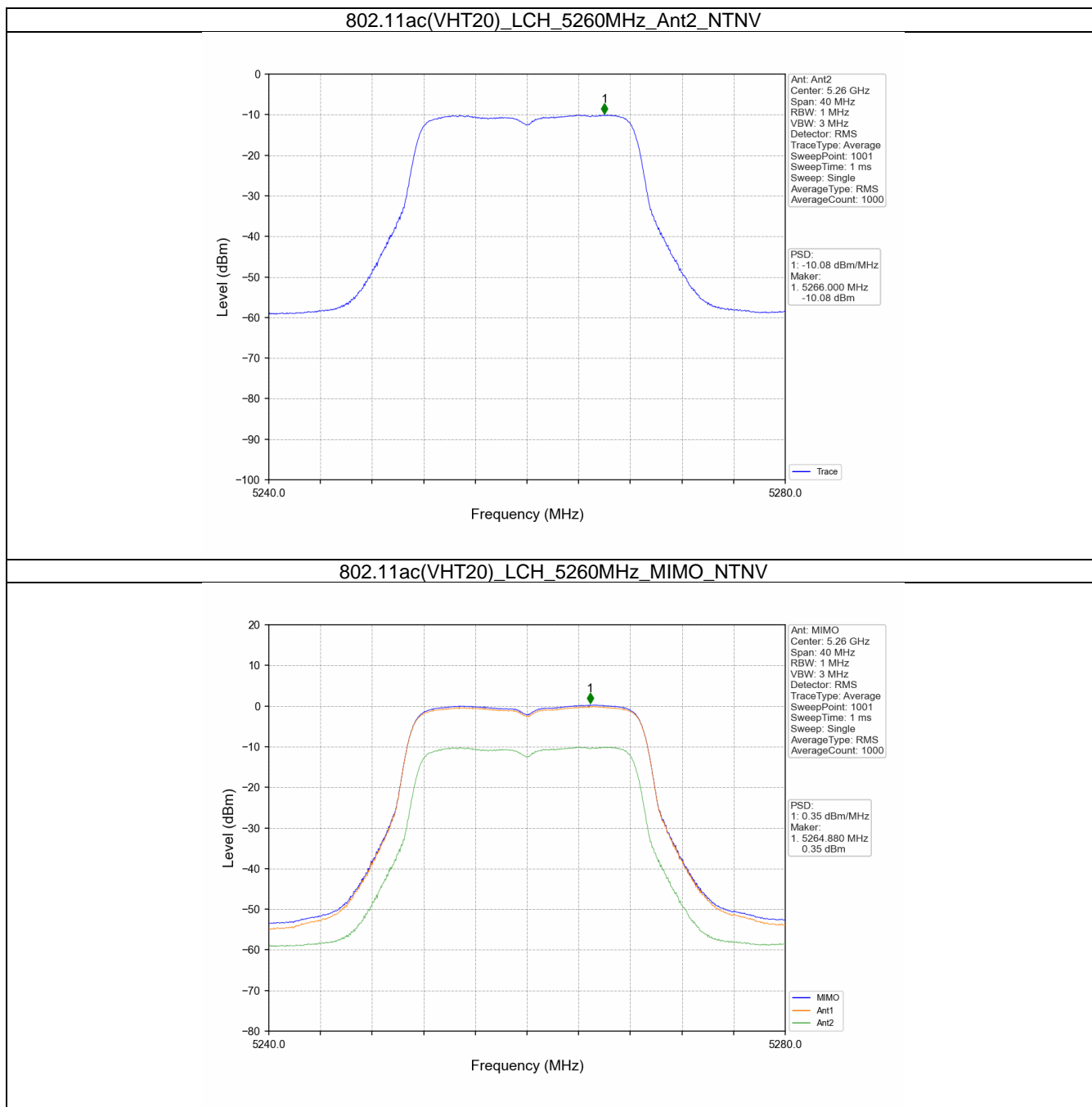
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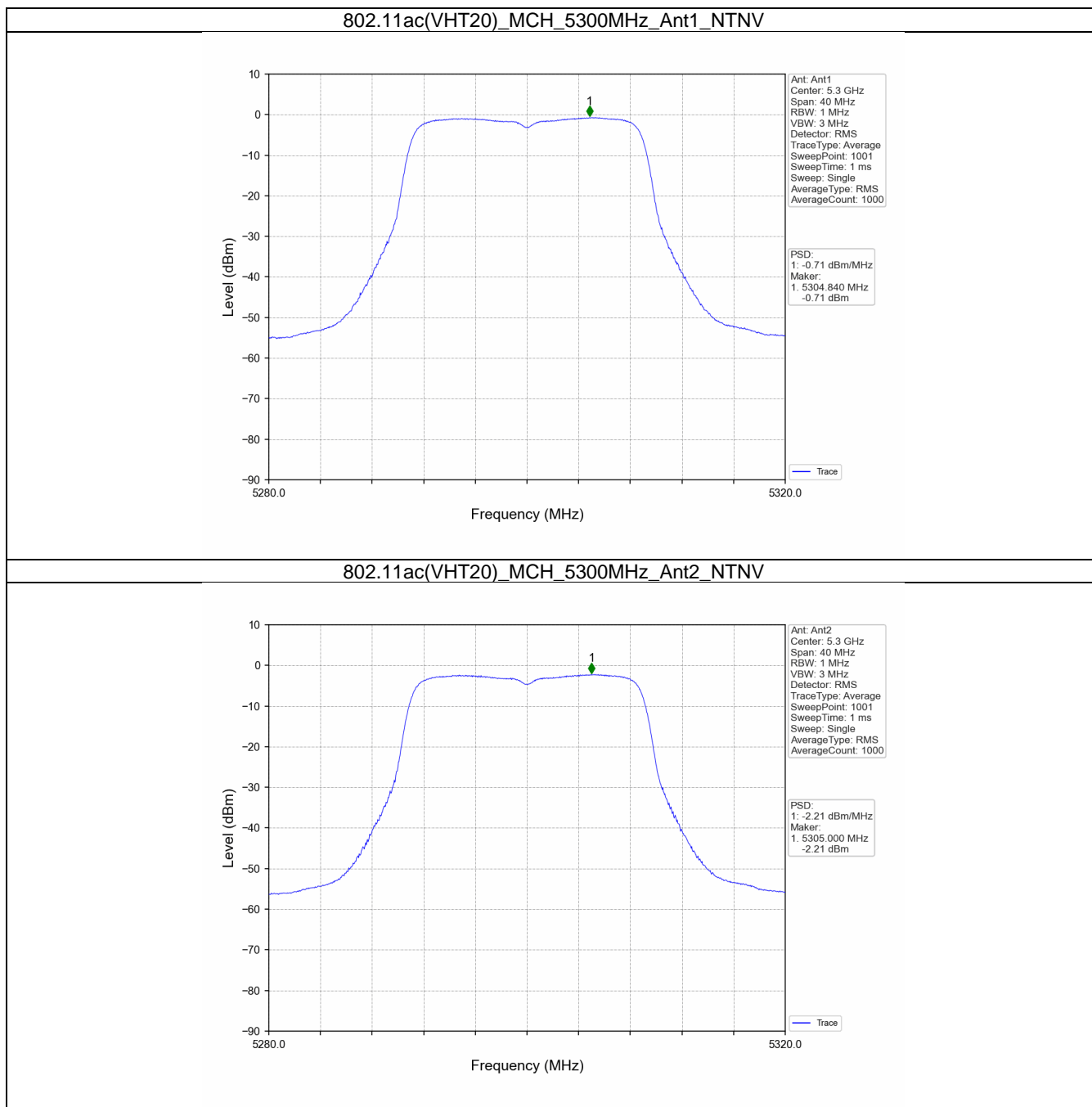


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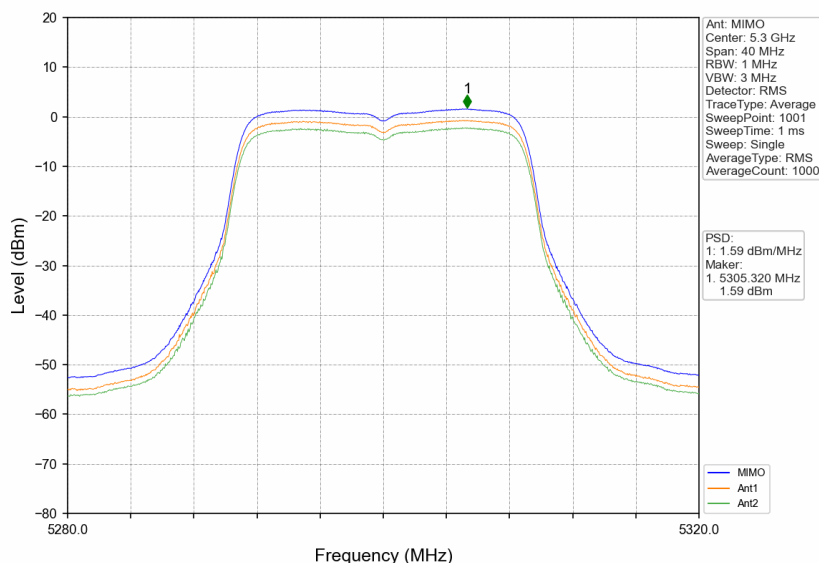
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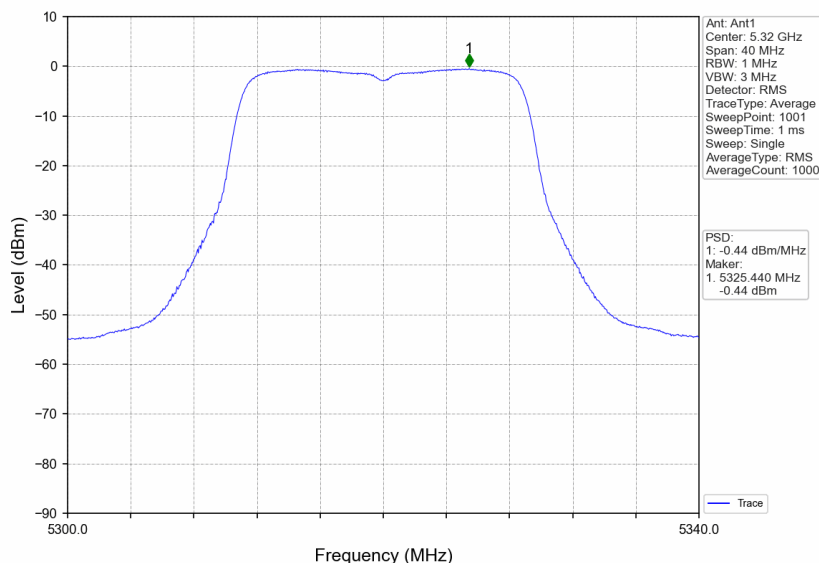
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802.11ac(VHT20)\_MCH\_5300MHz\_MIMO\_NTNV

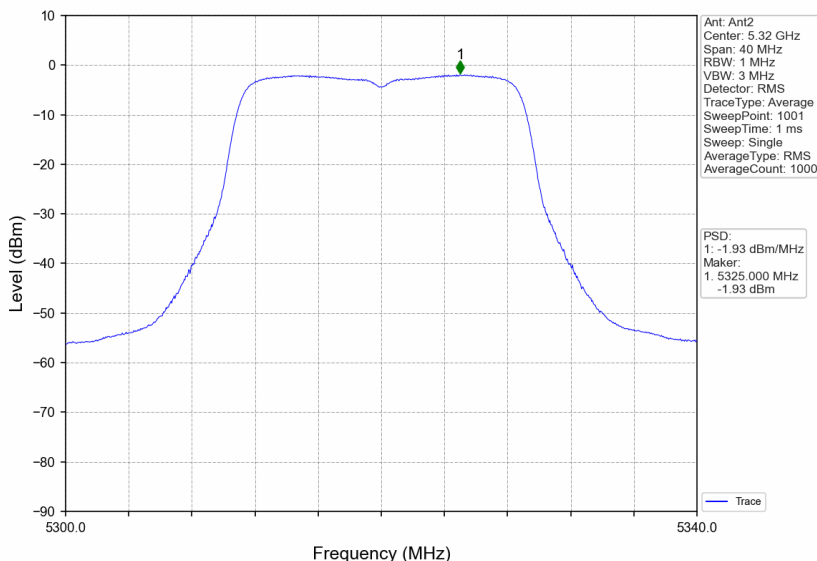


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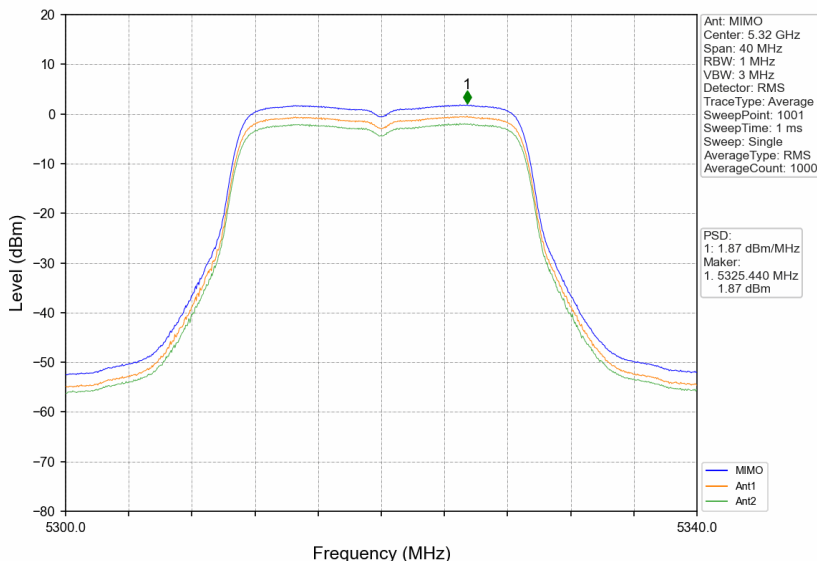


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802.11ac(VHT20)\_HCH\_5320MHz\_Ant2\_NTNV



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



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