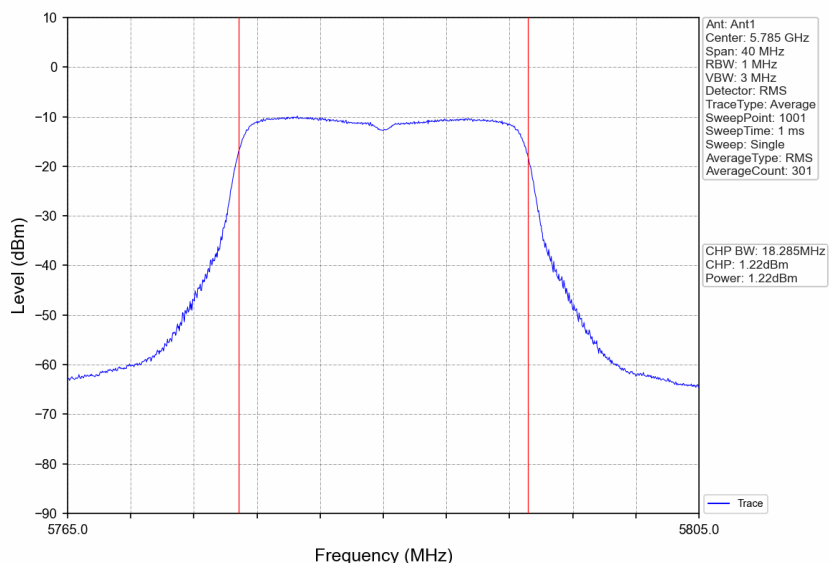
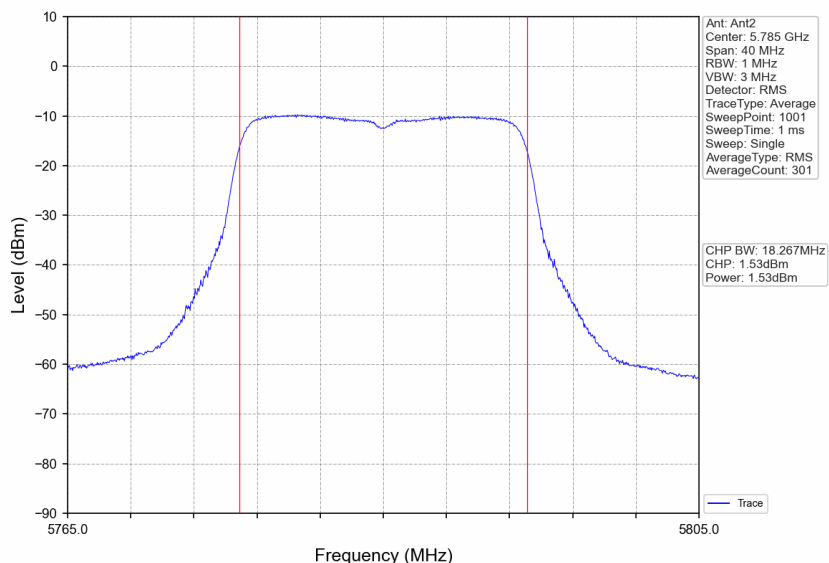


802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



802.11n(HT20)\_MCH\_5785MHz\_Ant2\_NTNV

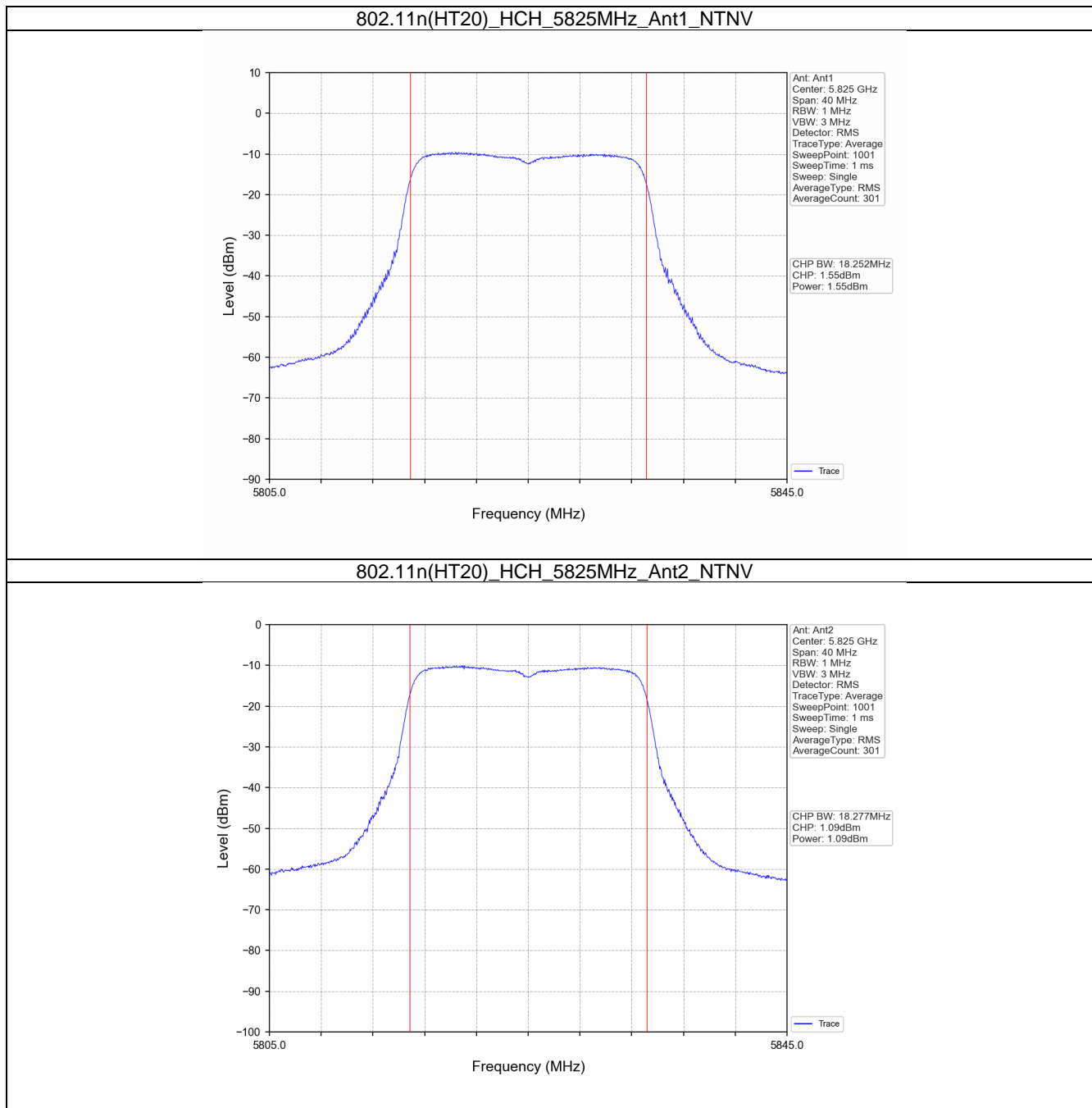


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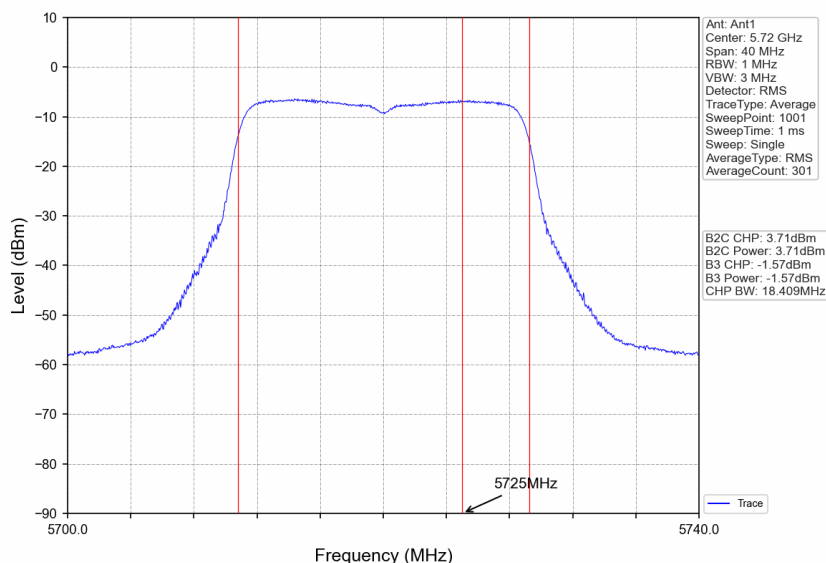
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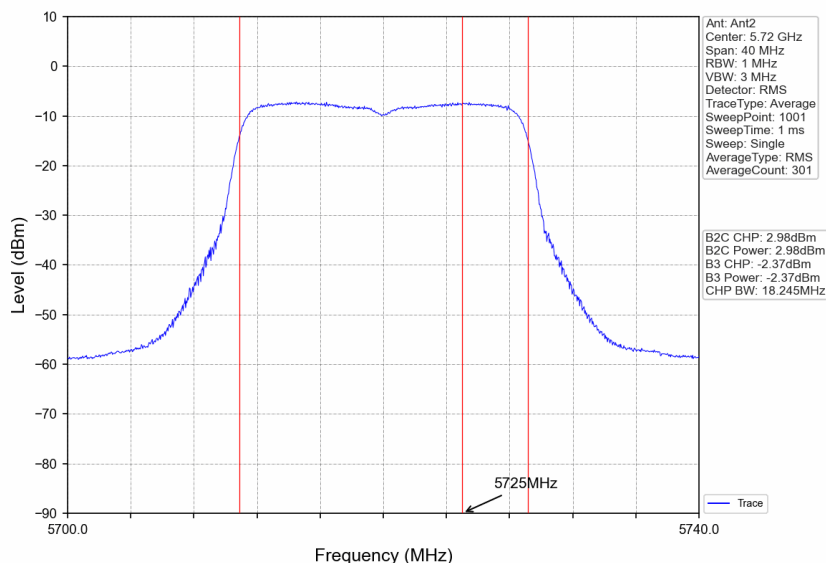
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802.11n(HT20)\_HCH\_5720MHz\_Ant1\_NTNV

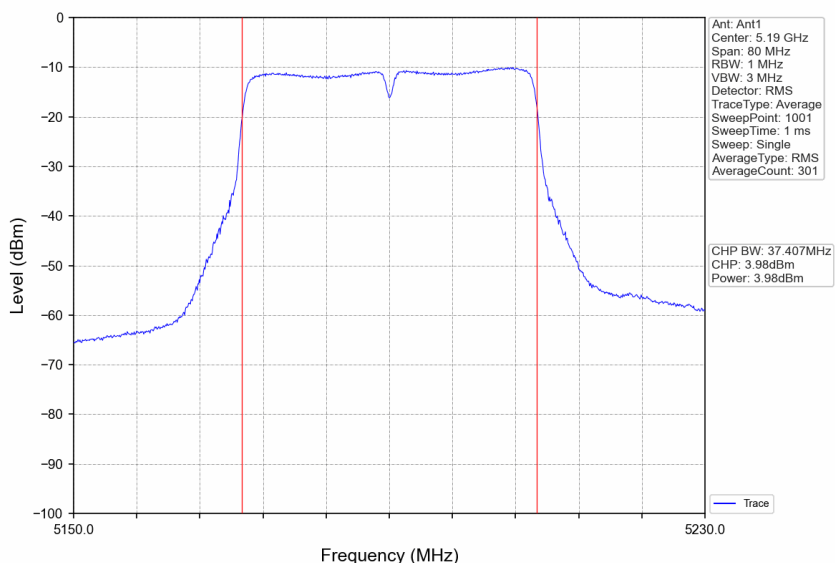


802.11n(HT20)\_HCH\_5720MHz\_Ant2\_NTNV

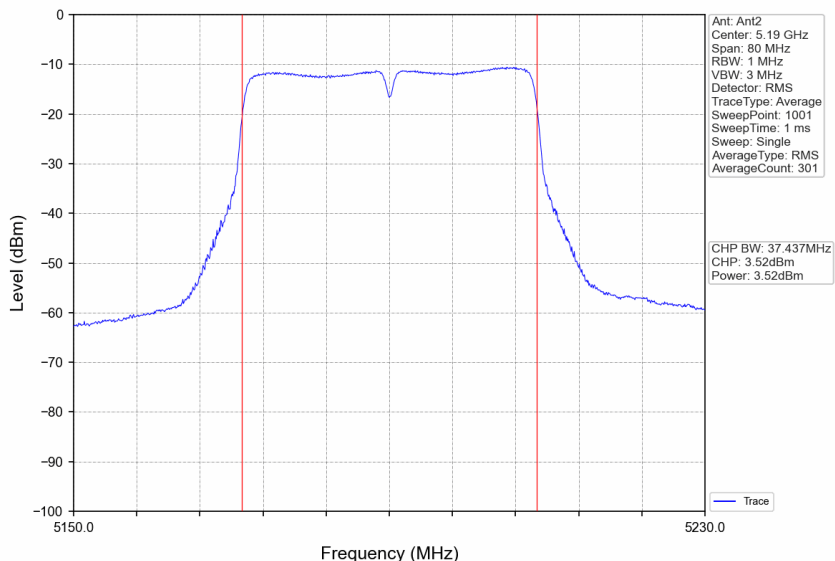


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802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



802.11n(HT40)\_LCH\_5190MHz\_Ant2\_NTNV



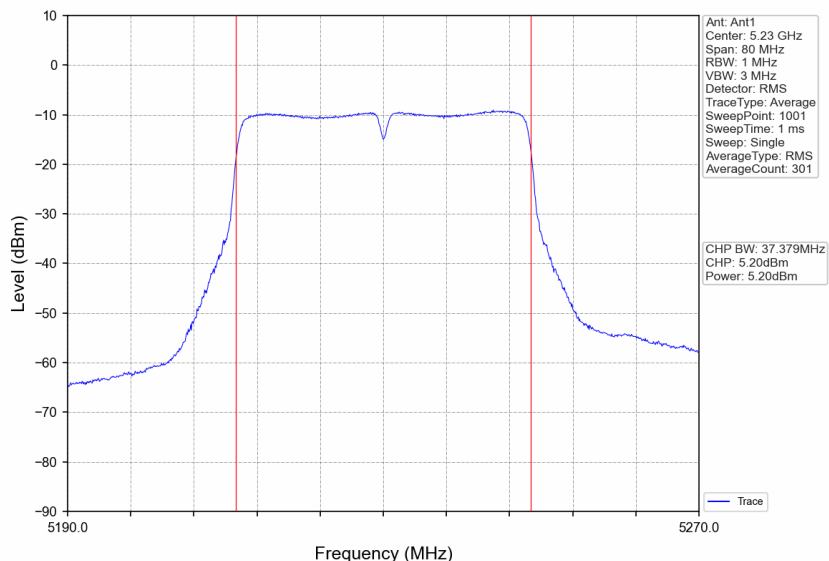
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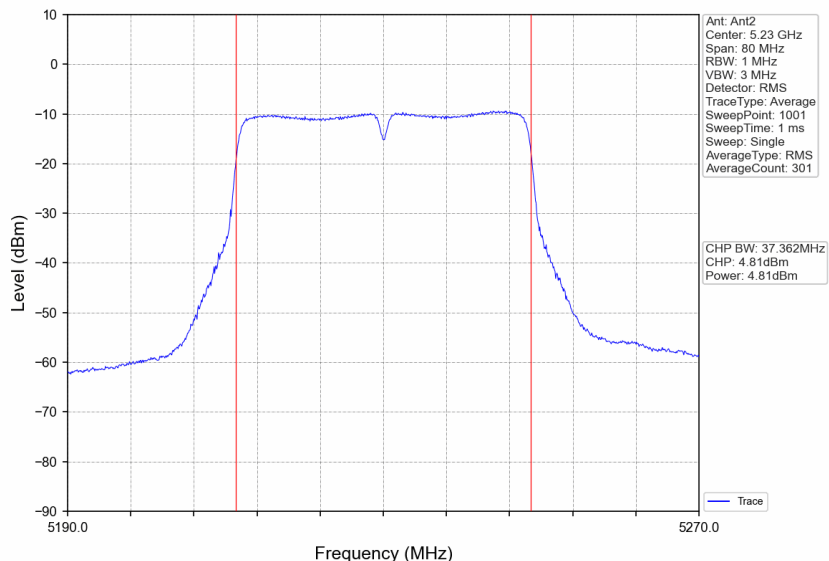
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802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



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



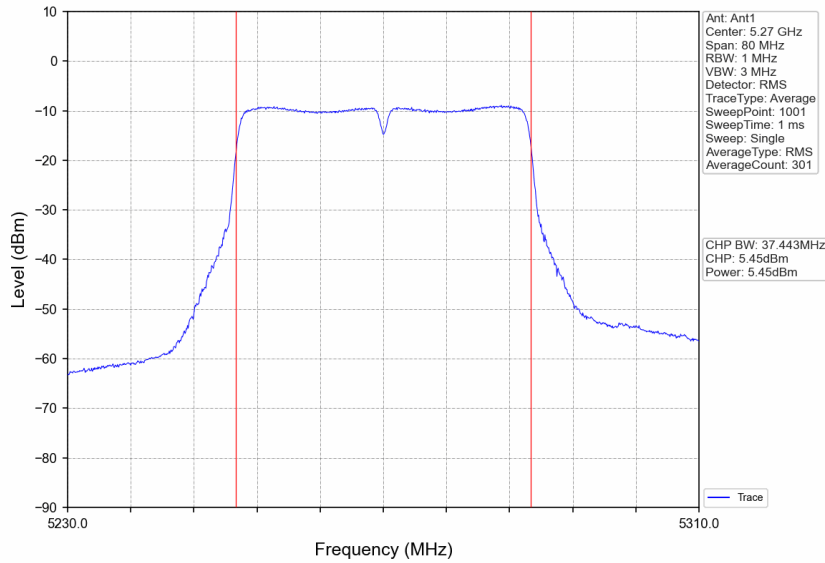
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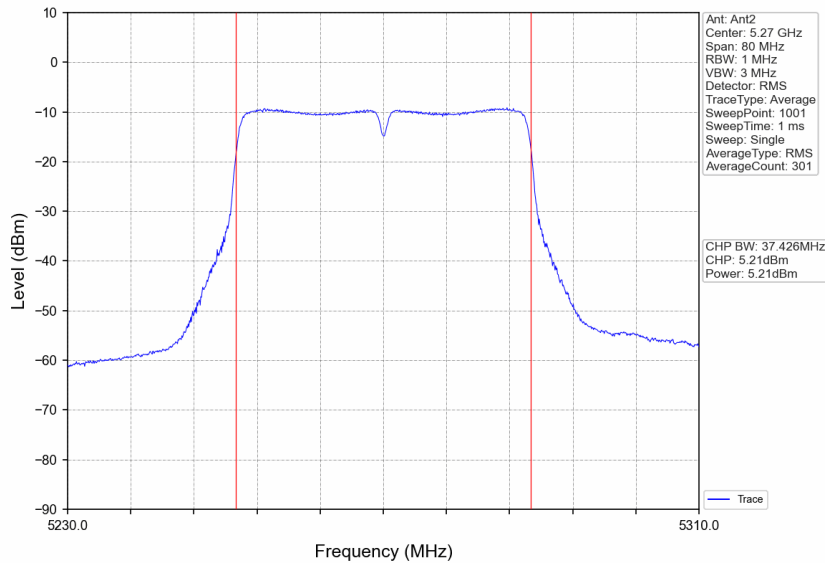
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802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



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



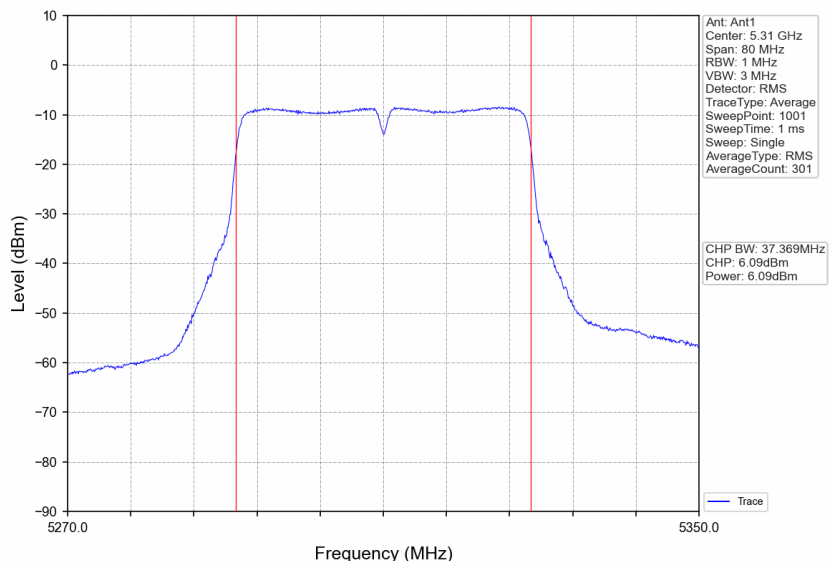
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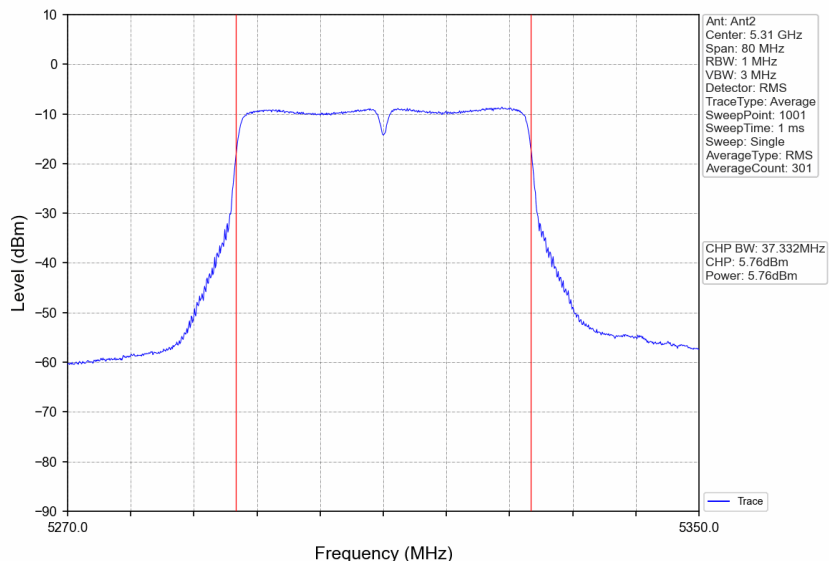
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802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



802.11n(HT40)\_HCH\_5310MHz\_Ant2\_NTNV



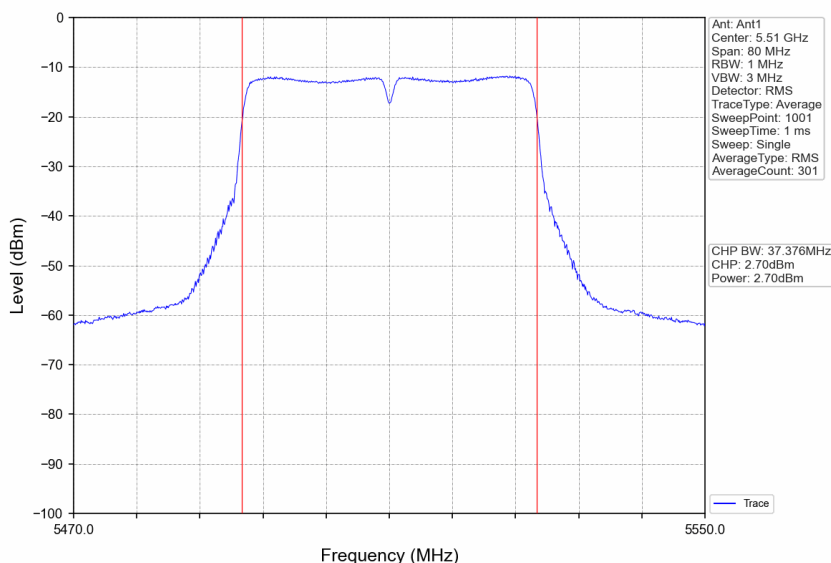
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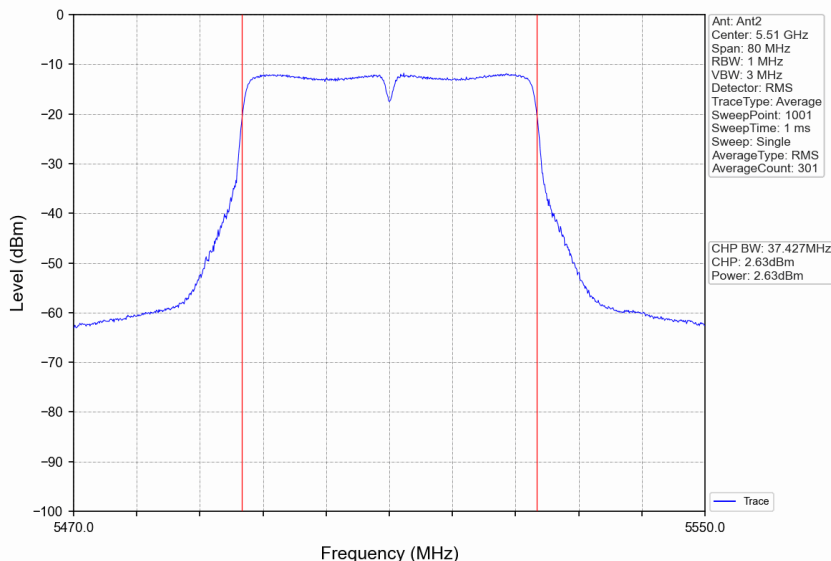
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802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



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



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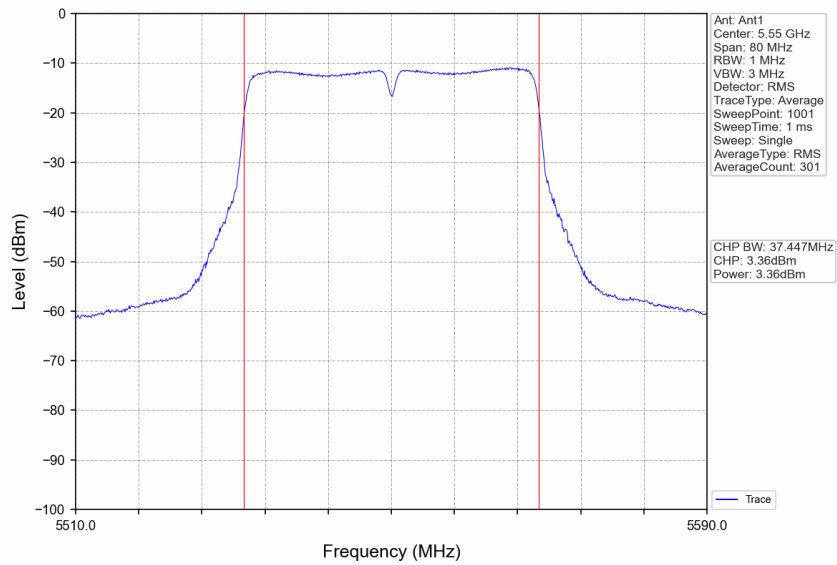
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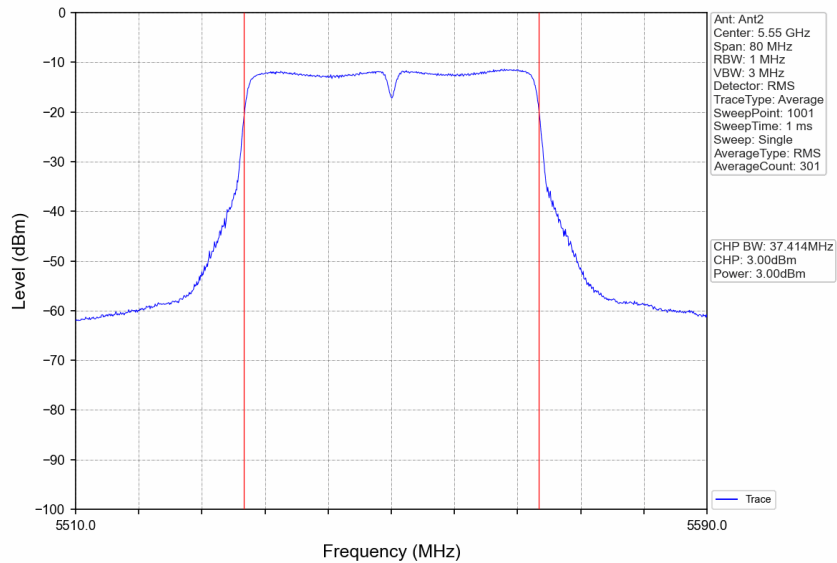
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802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV



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



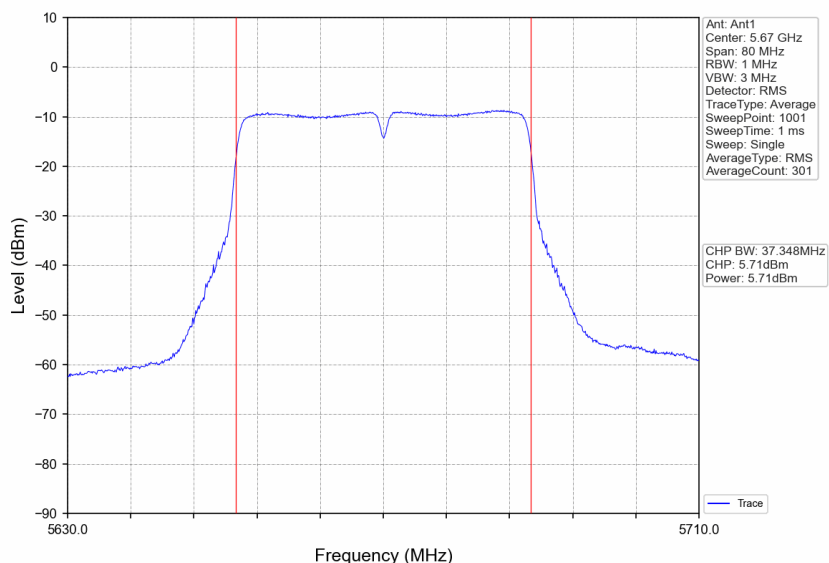
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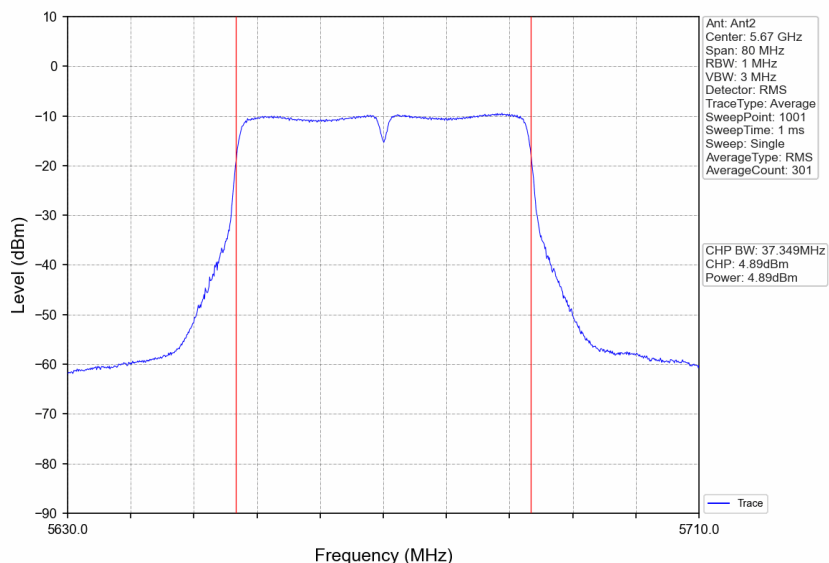
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802.11n(HT40)\_HCH\_5670MHz\_Ant1\_NTNV



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



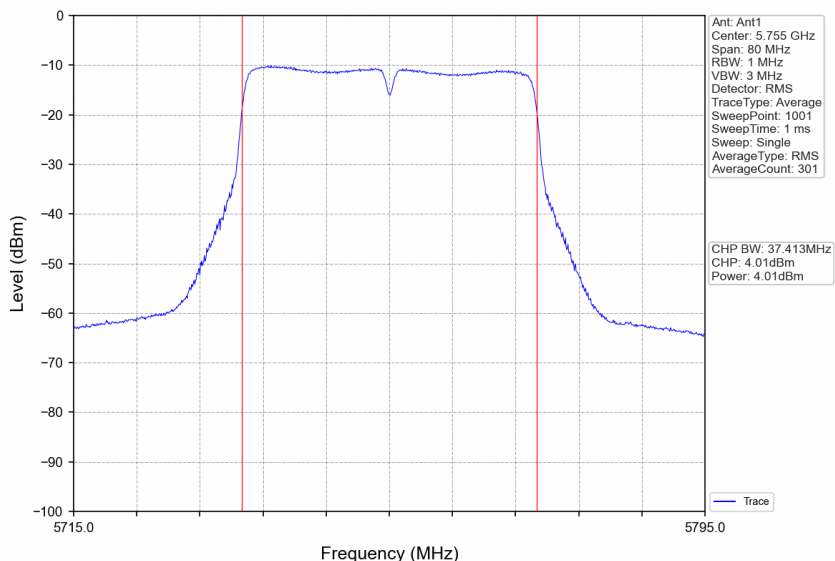
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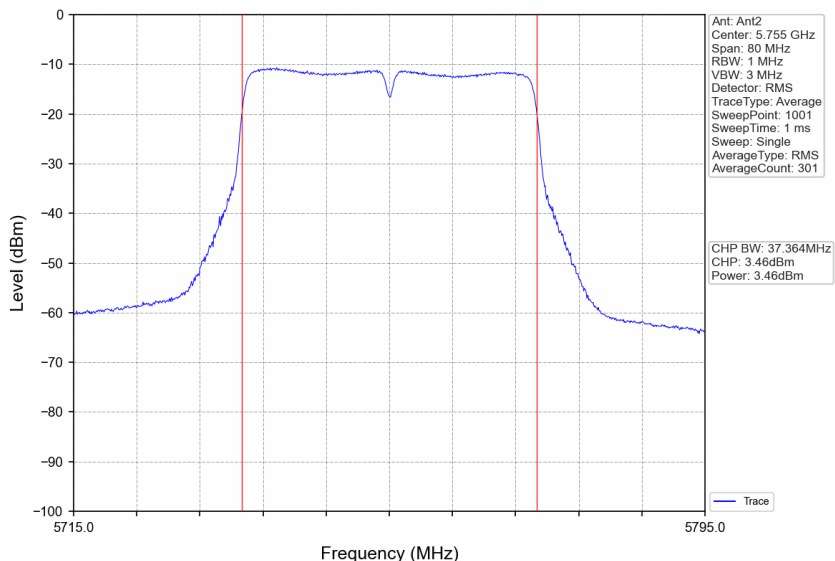
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802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



802.11n(HT40)\_LCH\_5755MHz\_Ant2\_NTNV



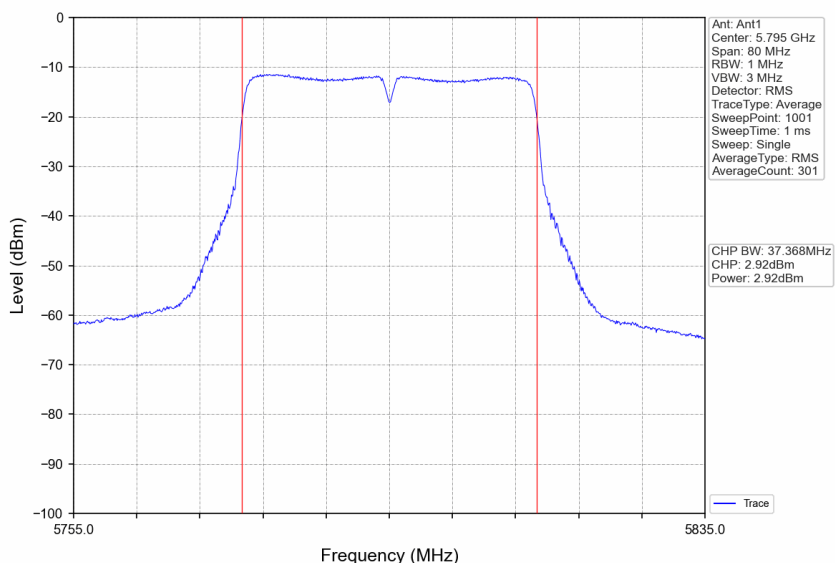
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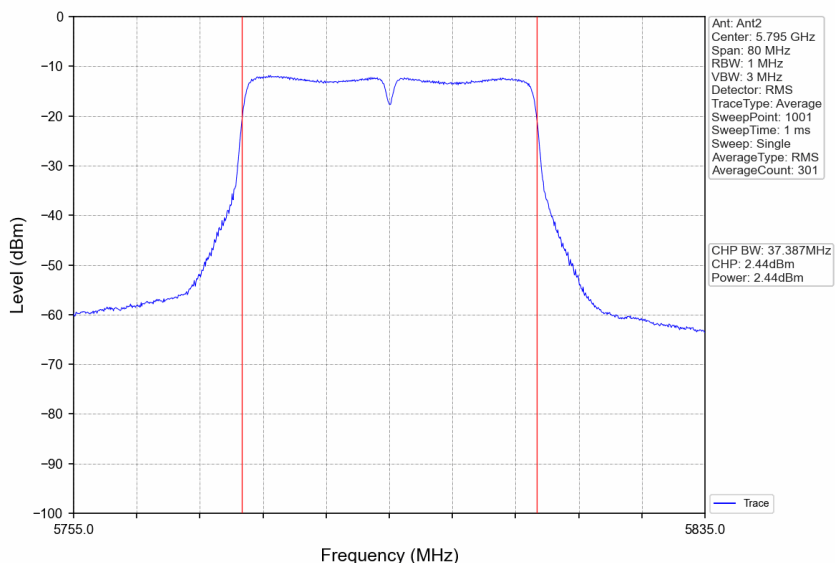
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802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



802.11n(HT40)\_HCH\_5795MHz\_Ant2\_NTNV



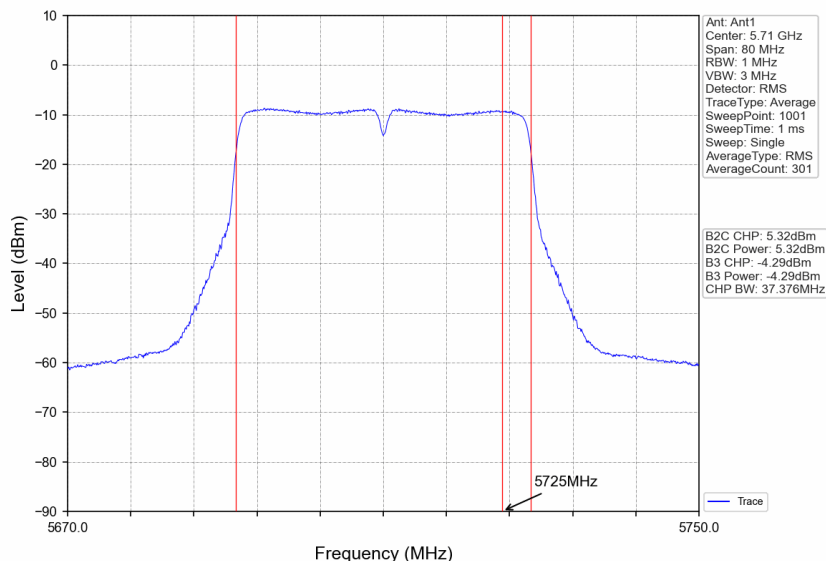
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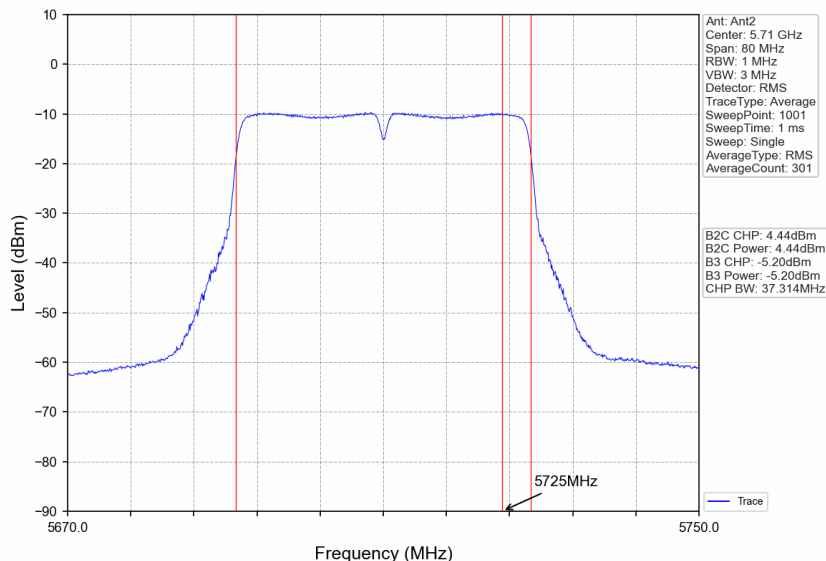
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802.11n(HT40)\_HCH\_5710MHz\_Ant1\_NTNV

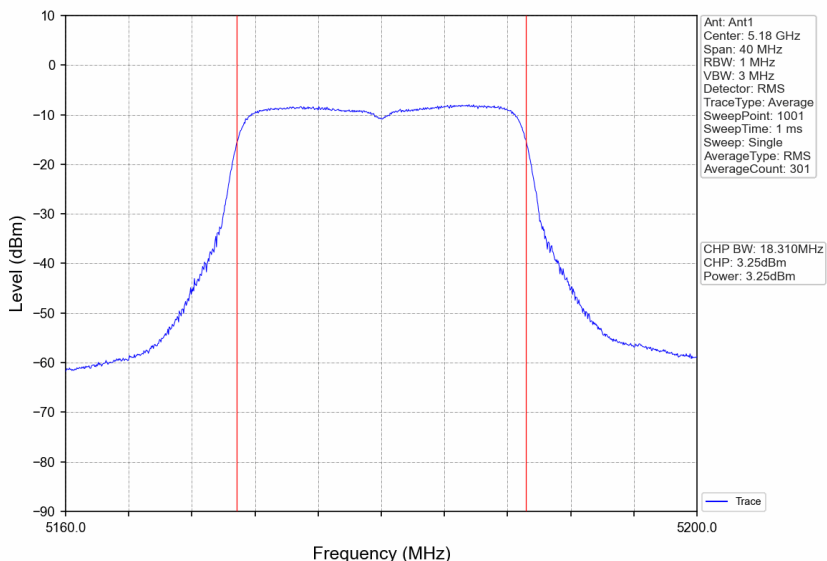


802.11n(HT40)\_HCH\_5710MHz\_Ant2\_NTNV

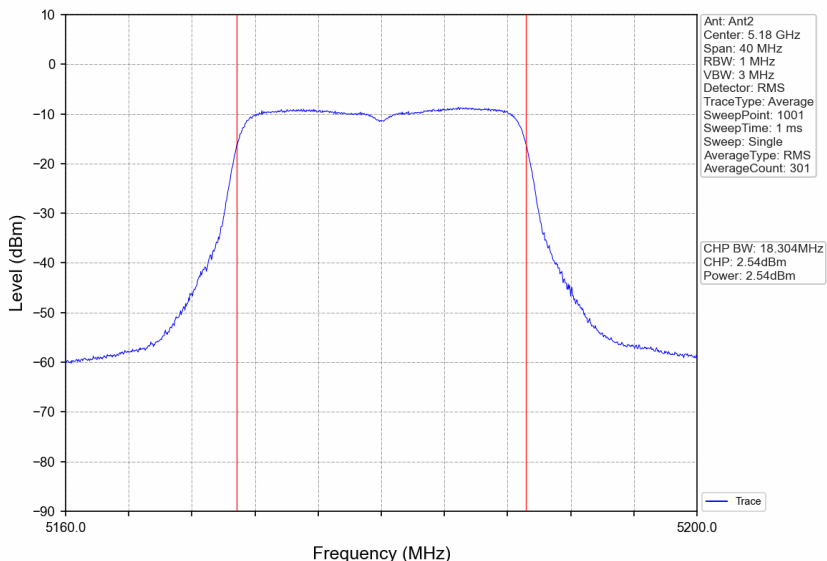


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802.11ac(VHT20) LCH\_5180MHz\_Ant1\_NTNV



802.11ac(VHT20) LCH\_5180MHz\_Ant2\_NTNV



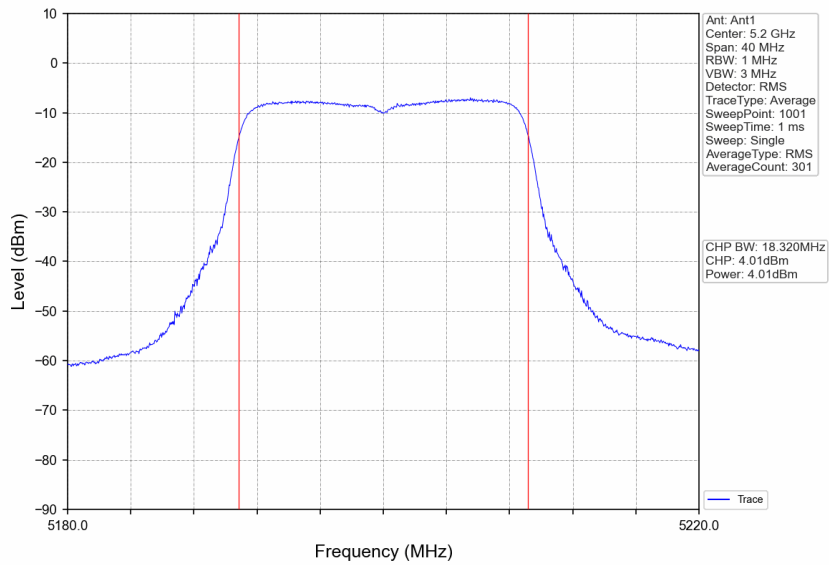
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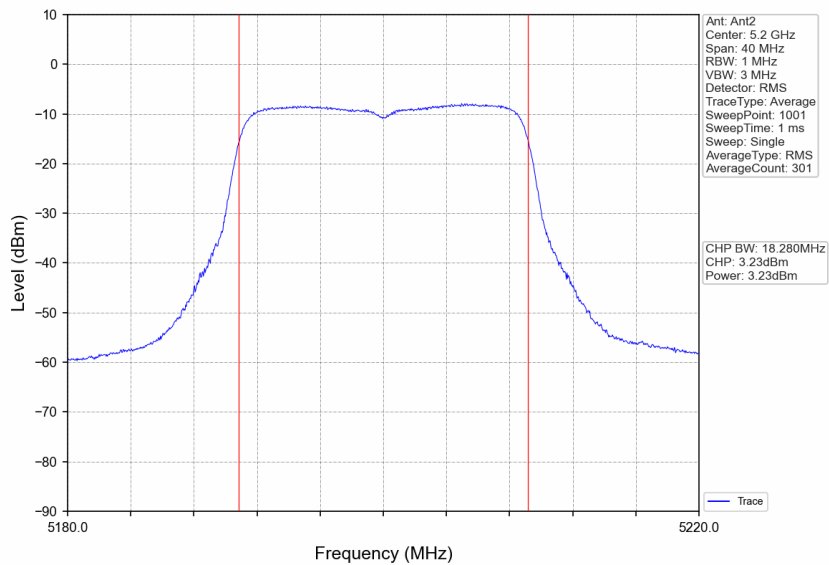
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802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



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



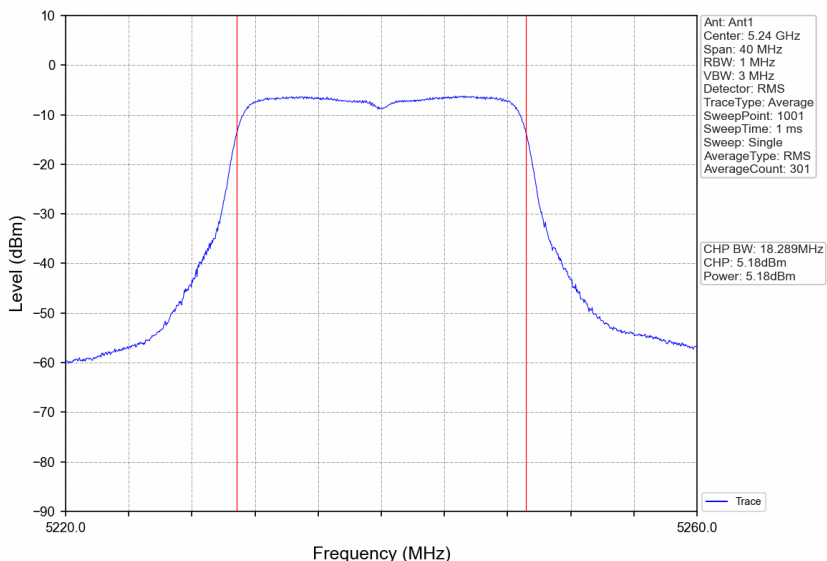
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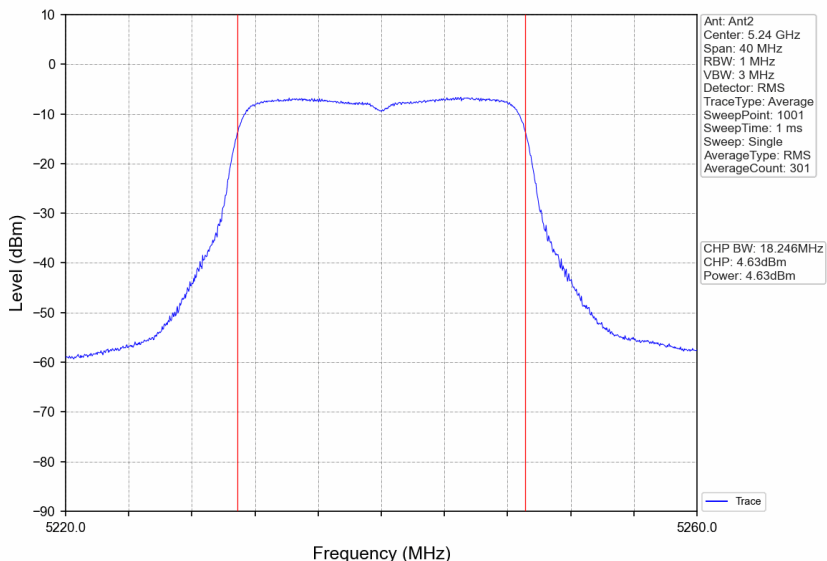
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802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



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



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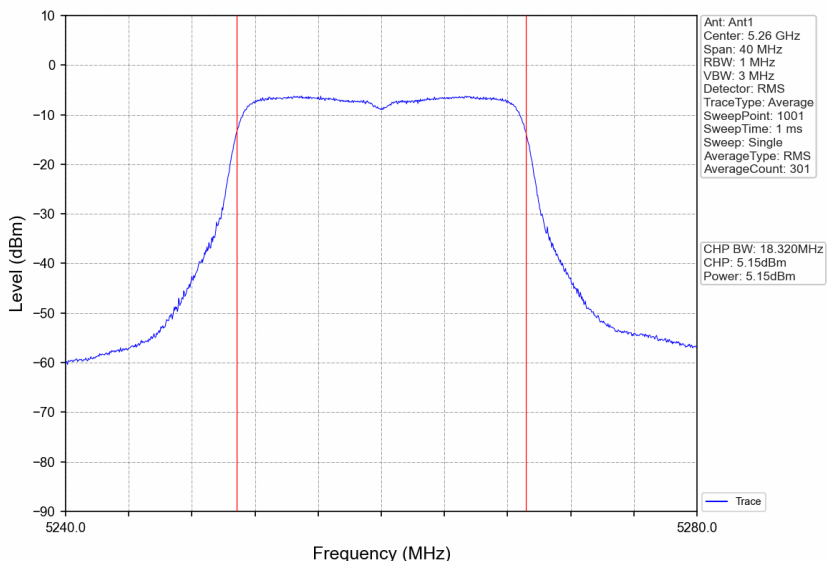
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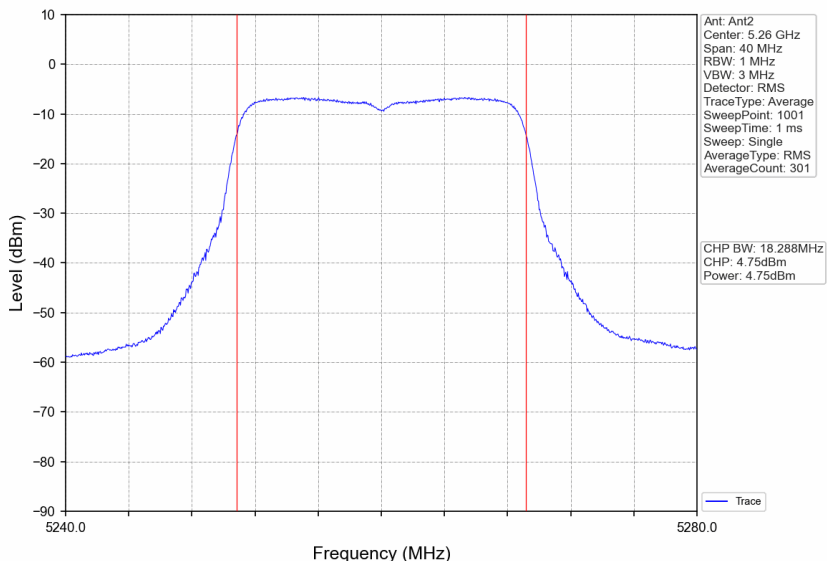
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802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



802.11ac(VHT20)\_LCH\_5260MHz\_Ant2\_NTNV



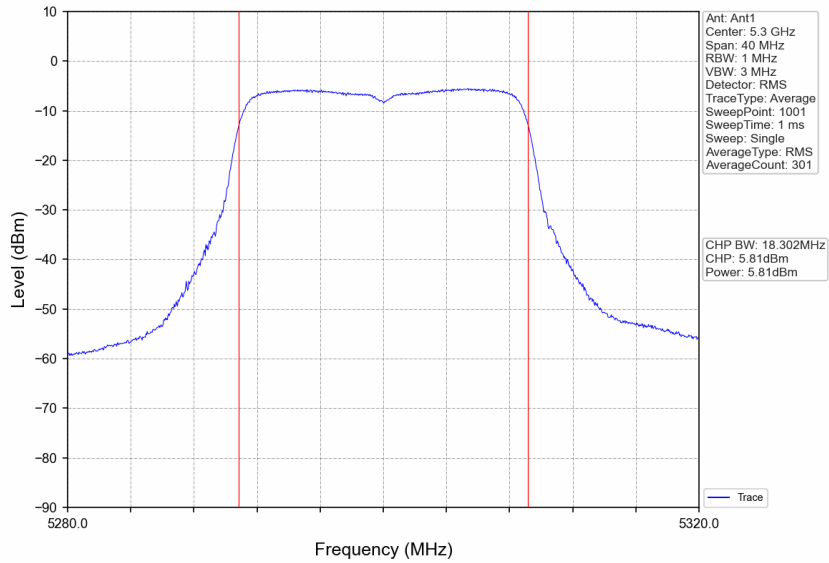
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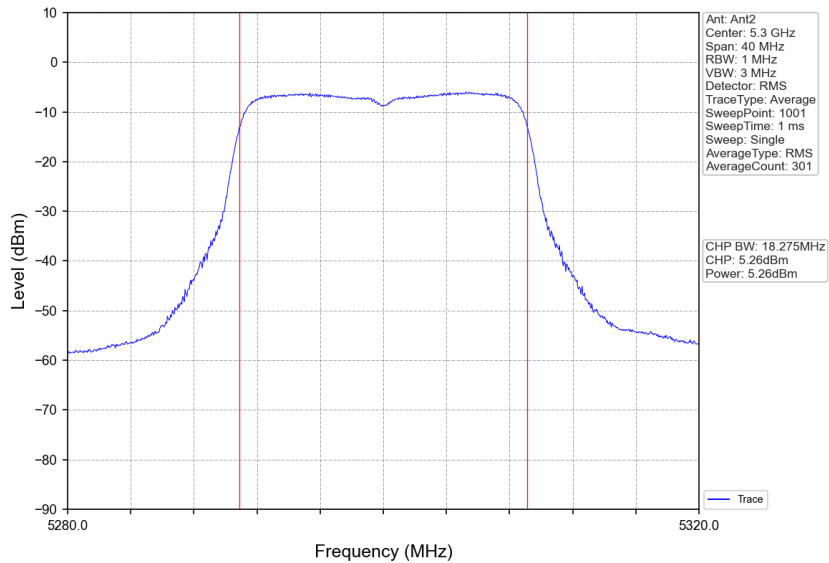
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802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



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



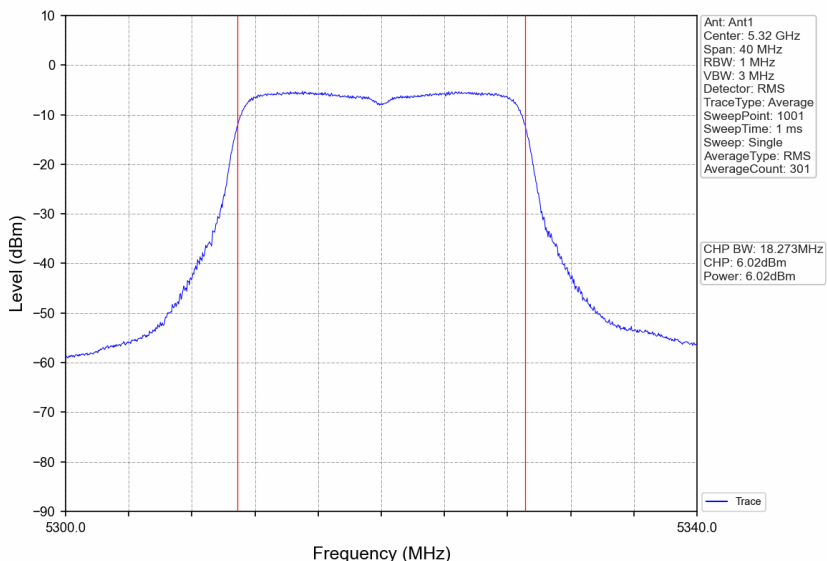
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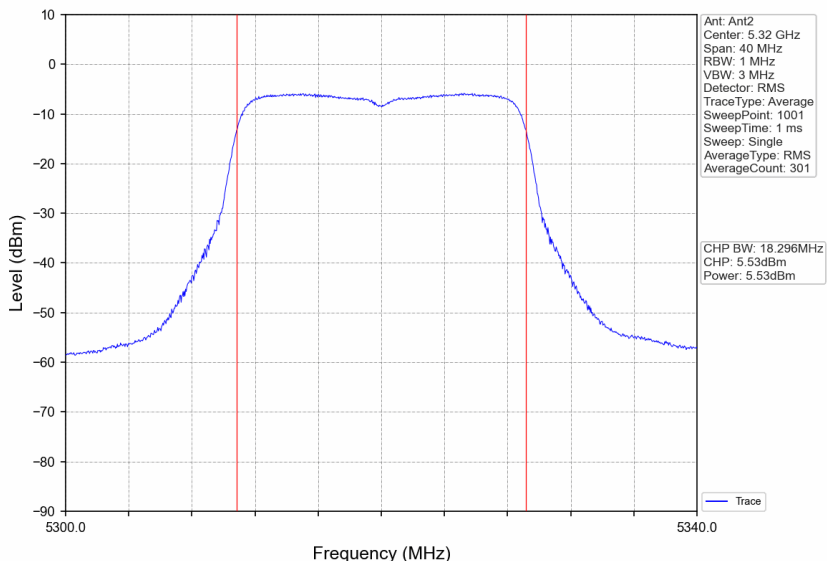
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802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



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



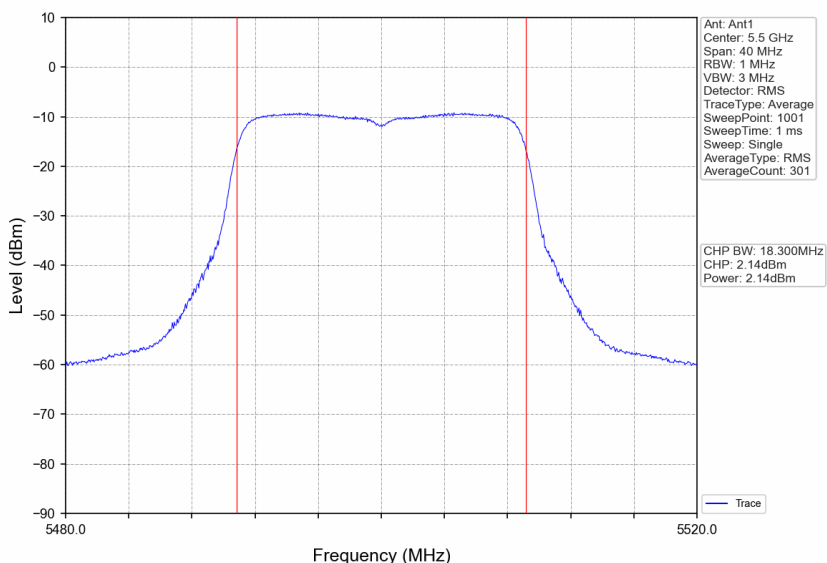
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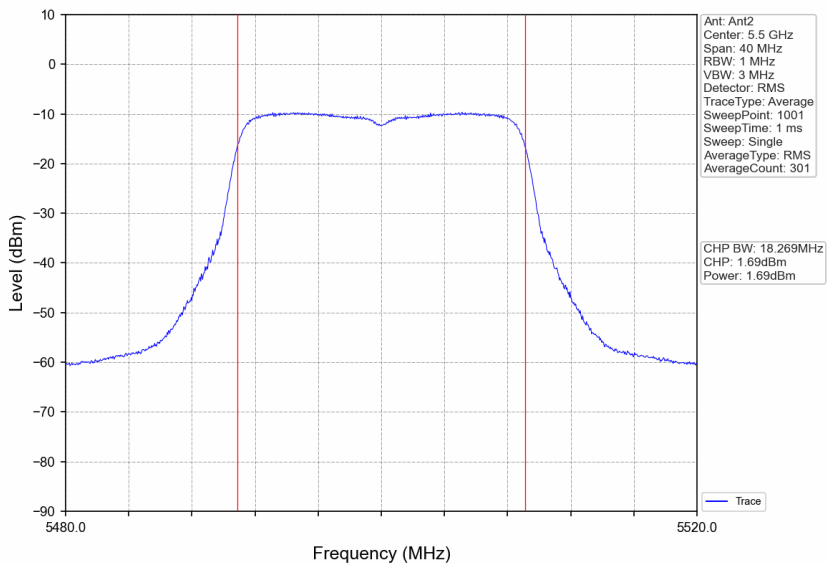
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802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



802.11ac(VHT20)\_LCH\_5500MHz\_Ant2\_NTNV



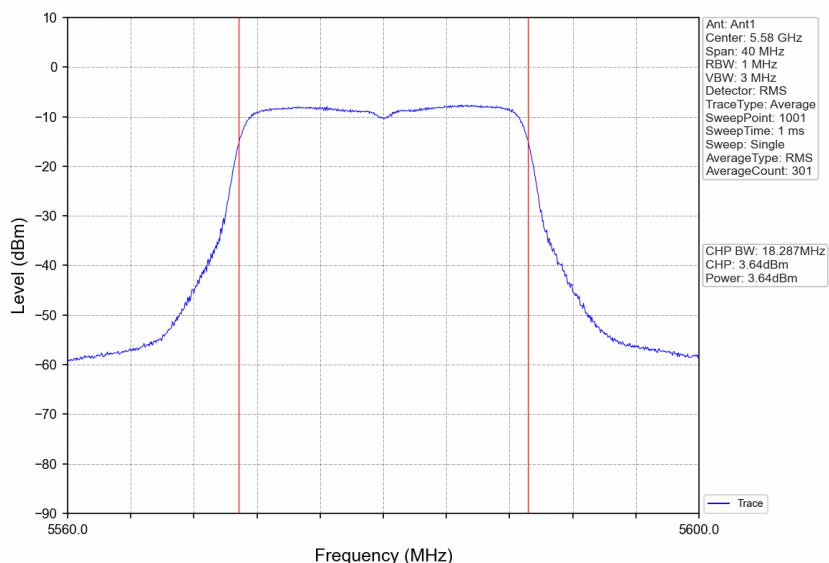
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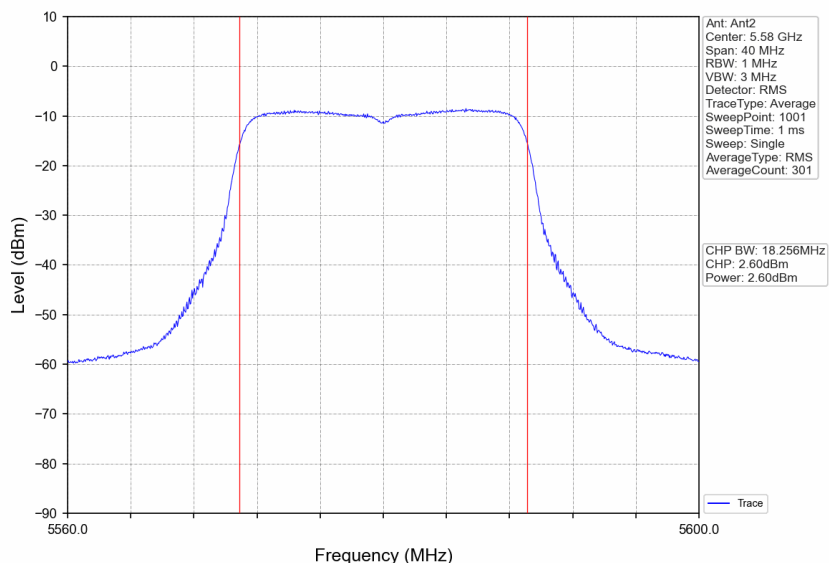
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802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



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



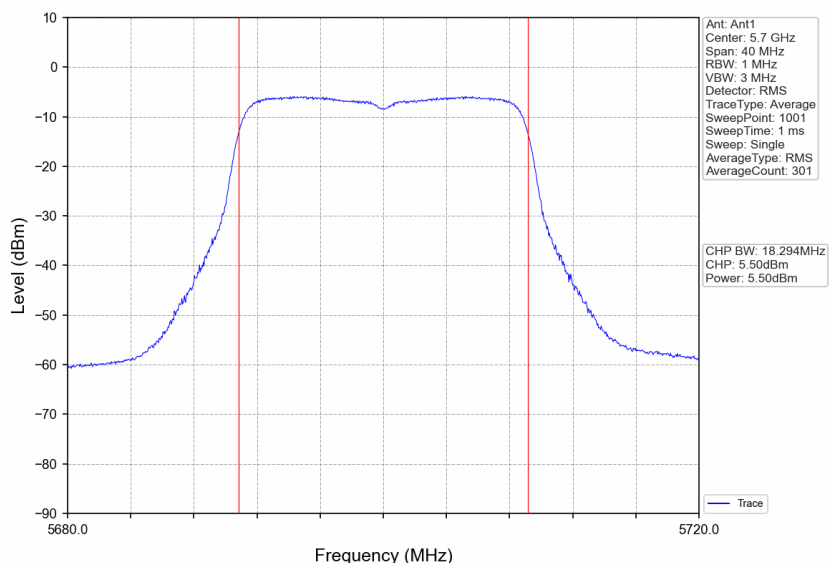
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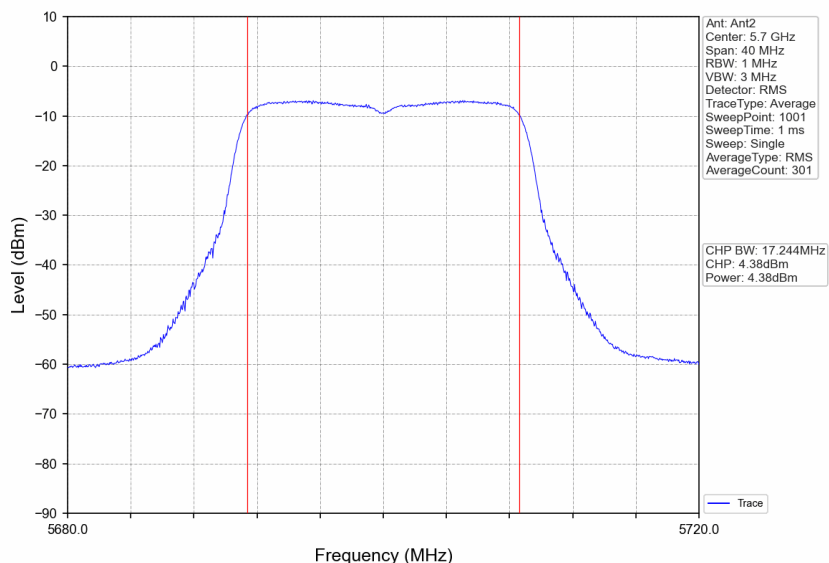
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802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



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



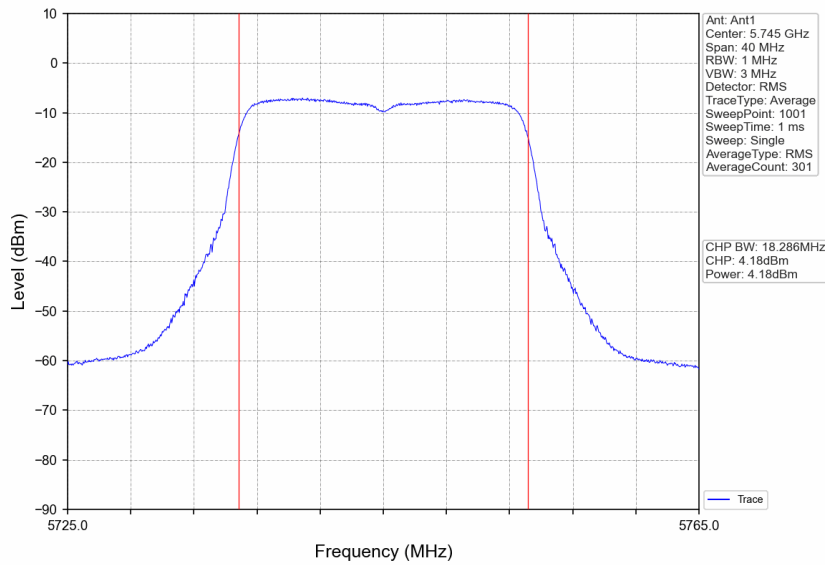
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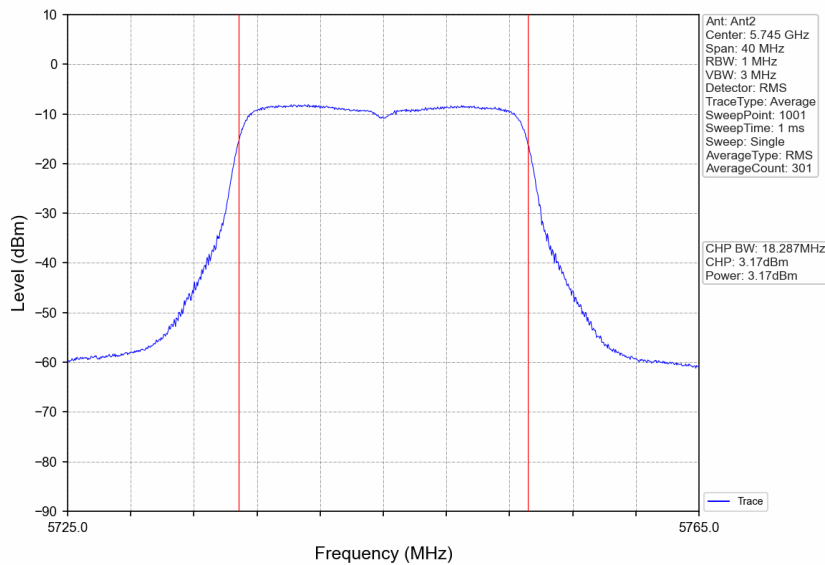
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802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



802.11ac(VHT20)\_LCH\_5745MHz\_Ant2\_NTNV



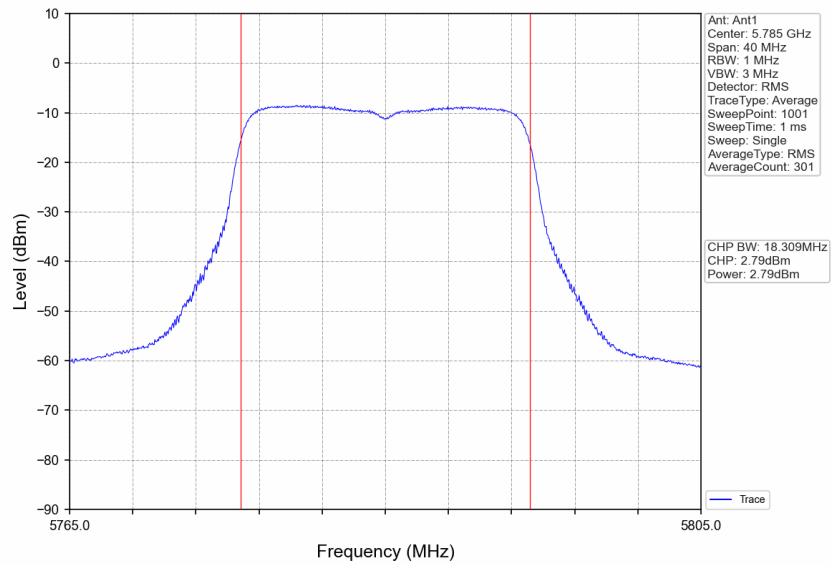
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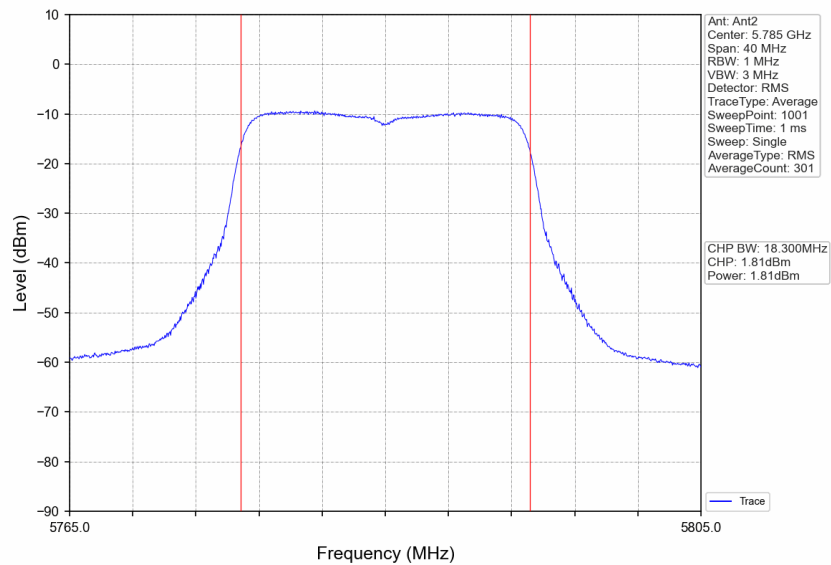
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802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



802.11ac(VHT20)\_MCH\_5785MHz\_Ant2\_NTNV



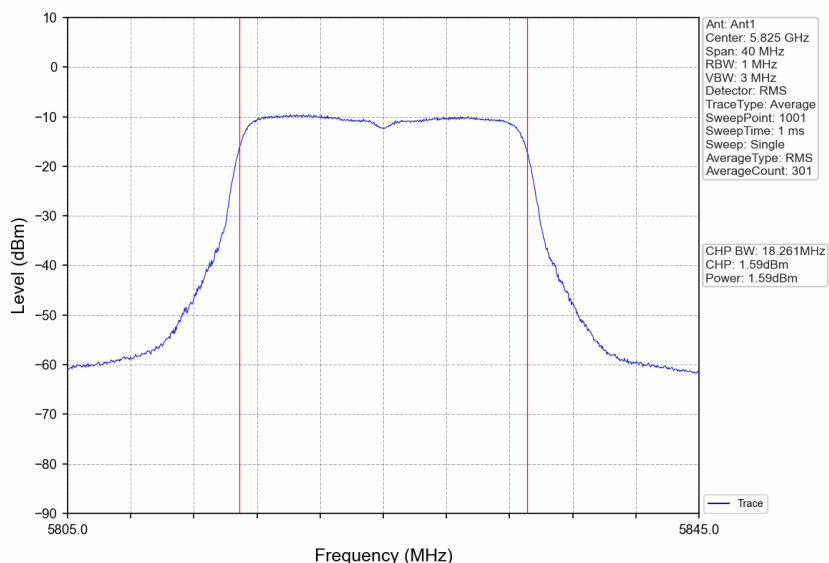
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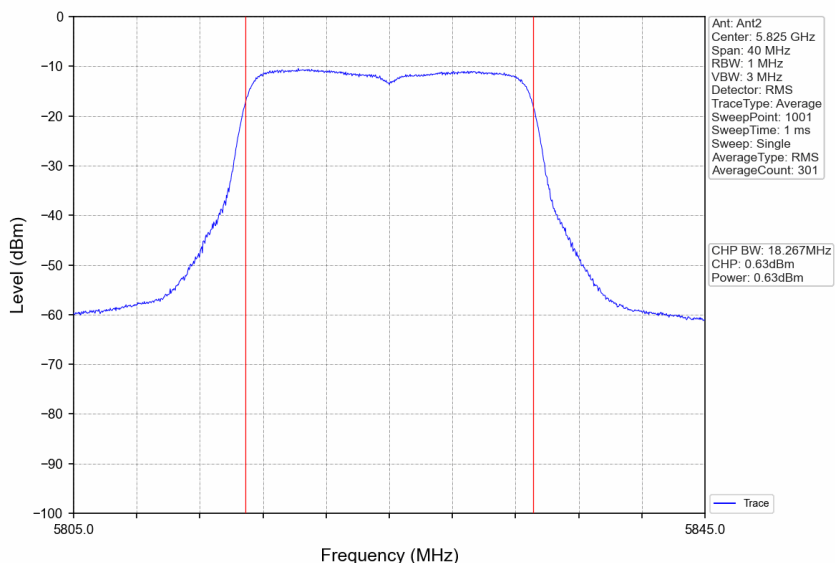
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802.11ac(VHT20)\_HCH\_5825MHz\_Ant2\_NTNV



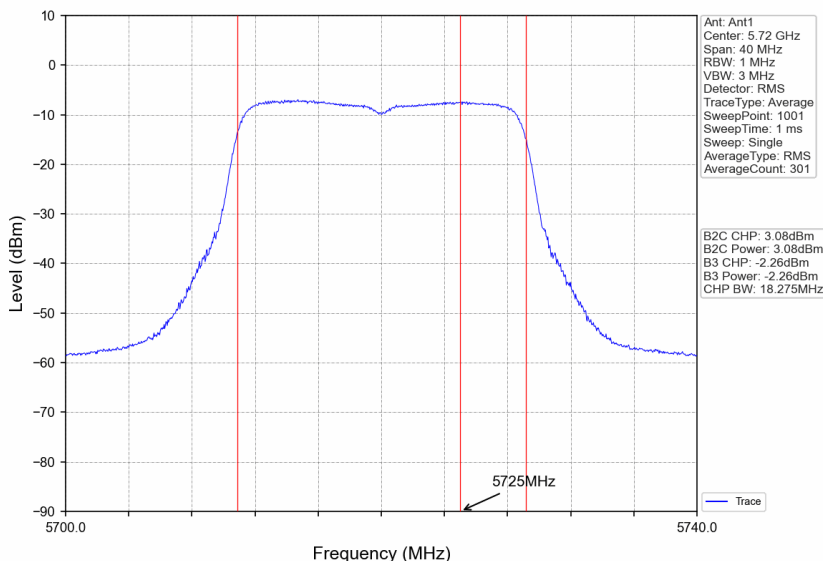
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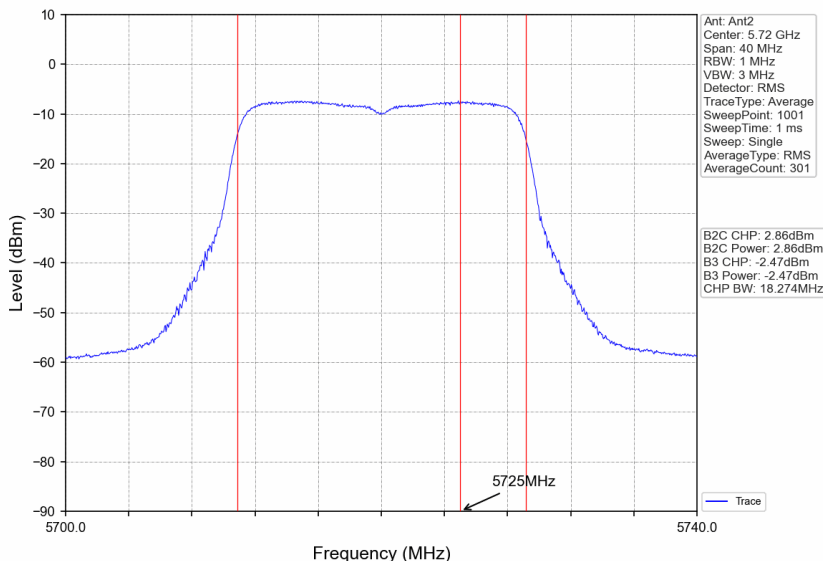
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802.11ac(VHT20)\_HCH\_5720MHz\_Ant1\_NTNV



802.11ac(VHT20)\_HCH\_5720MHz\_Ant2\_NTNV



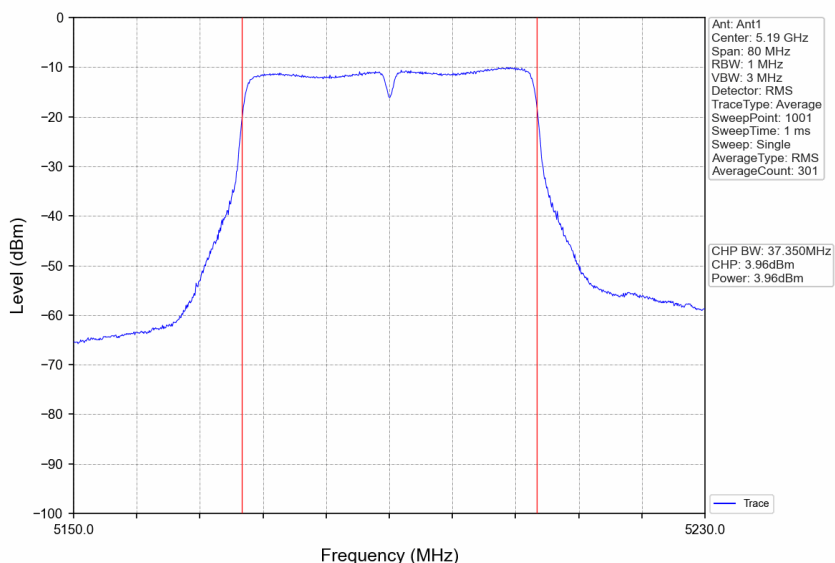
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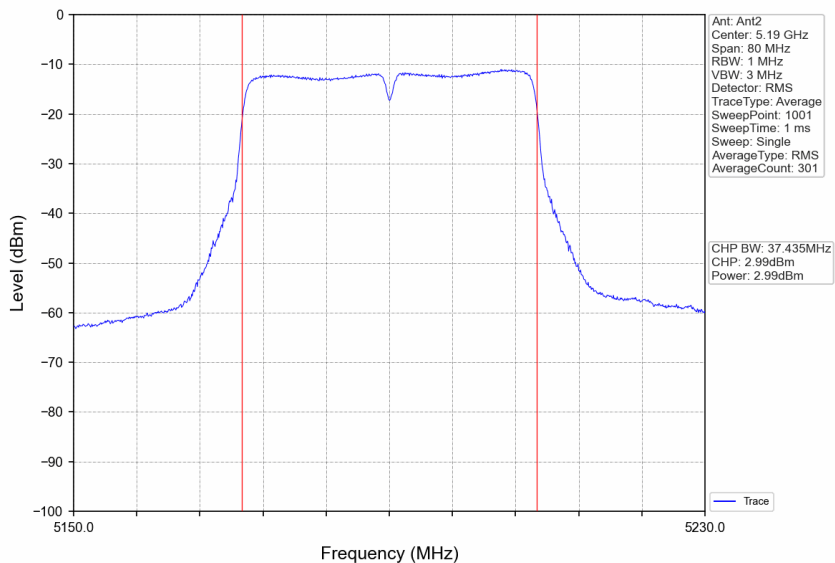
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802.11ac(VHT40) LCH\_5190MHz\_Ant1\_NTNV



802.11ac(VHT40) LCH\_5190MHz\_Ant2\_NTNV



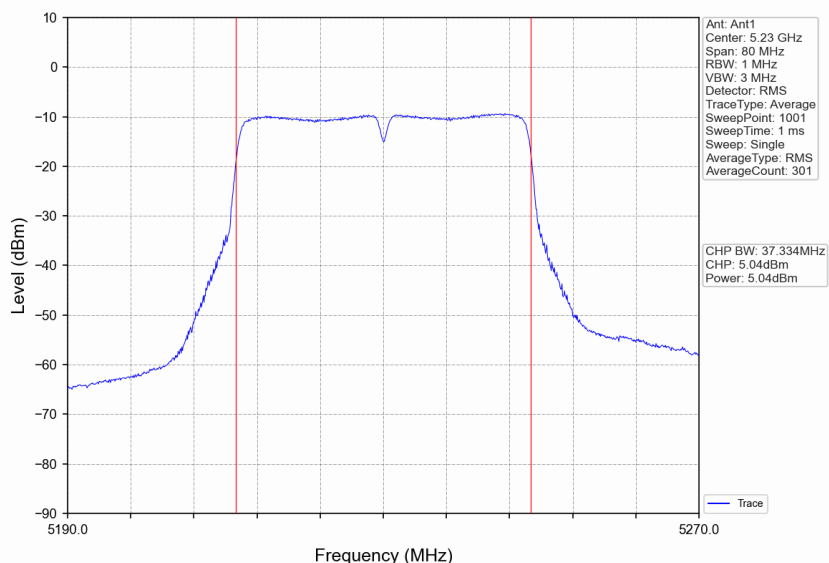
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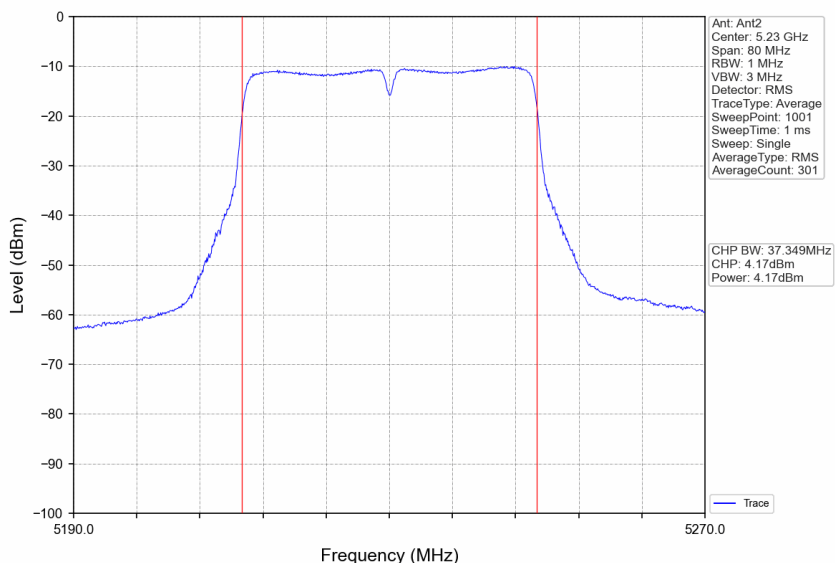
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802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



802.11ac(VHT40)\_HCH\_5230MHz\_Ant2\_NTNV



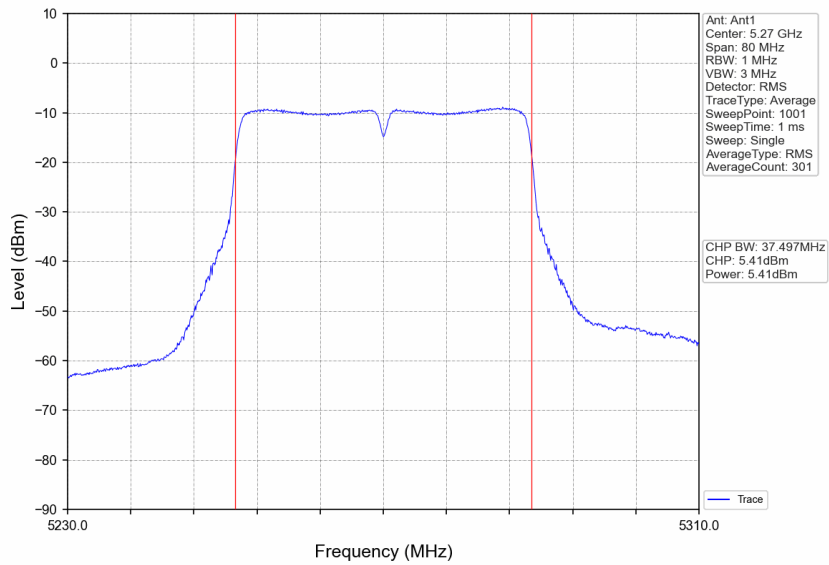
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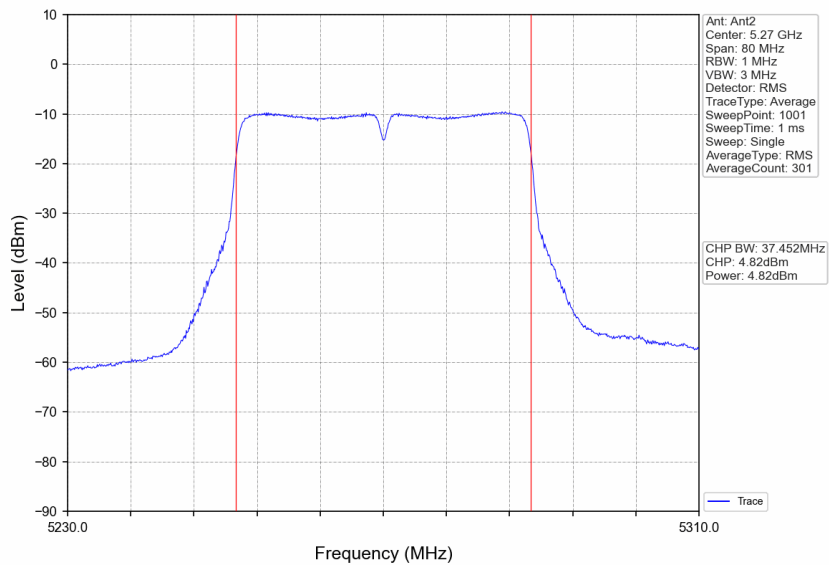
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802.11ac(VHT40) LCH\_5270MHz\_Ant1\_NTNV



802.11ac(VHT40) LCH\_5270MHz\_Ant2\_NTNV



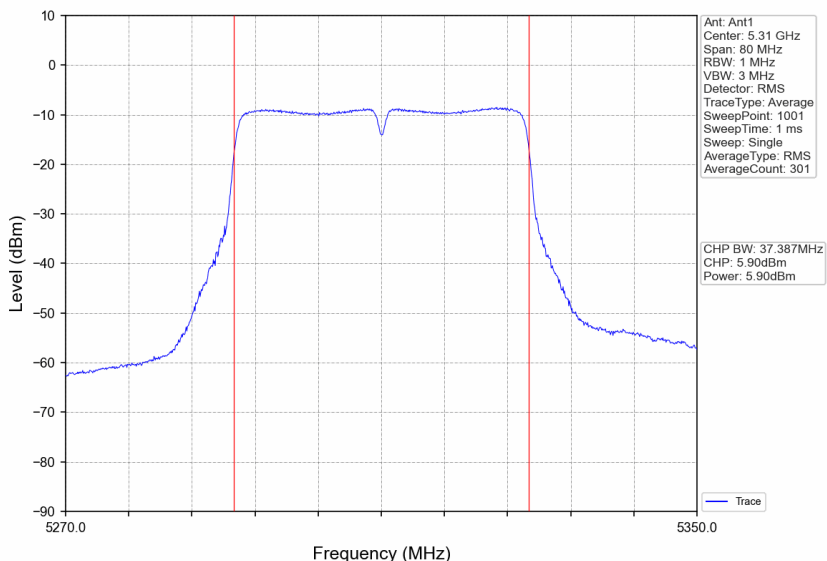
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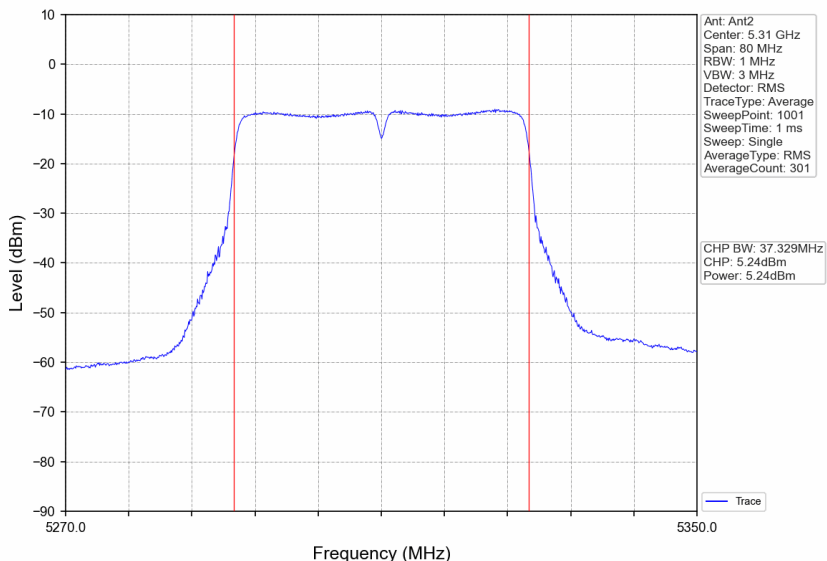
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802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



802.11ac(VHT40)\_HCH\_5310MHz\_Ant2\_NTNV



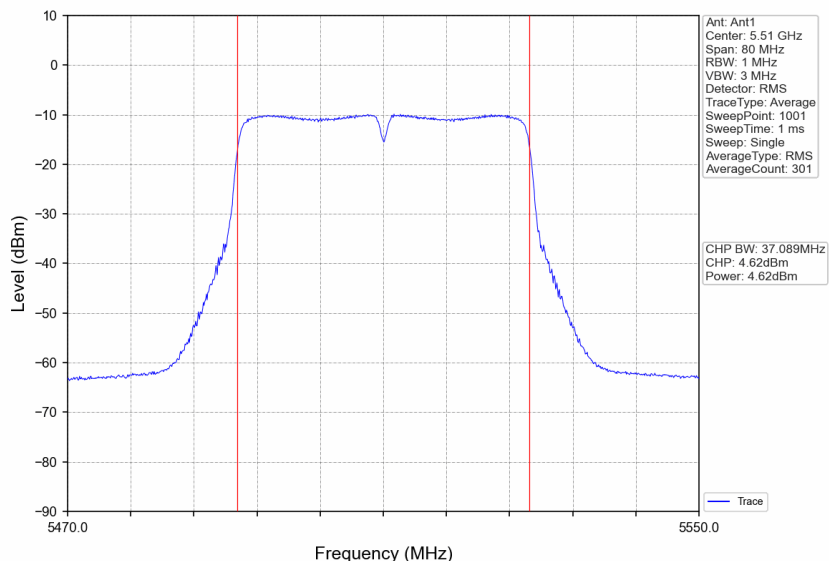
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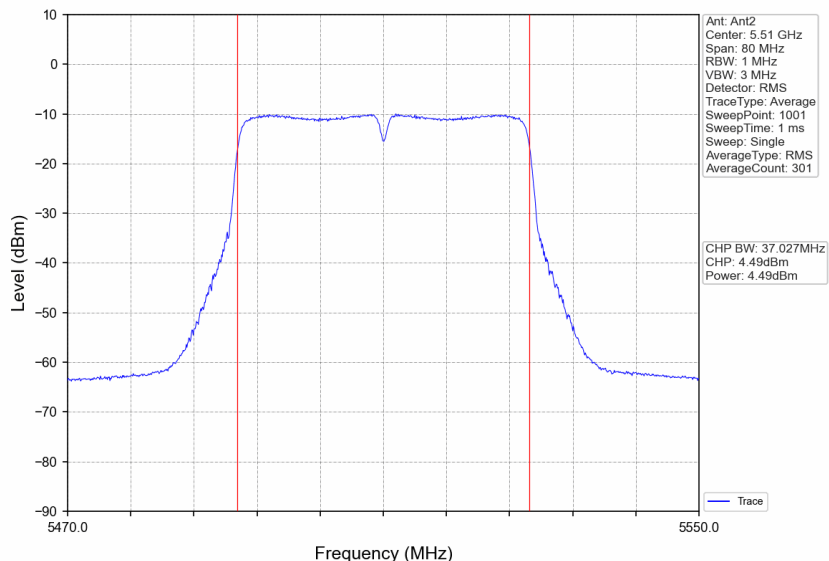
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802.11ac(VHT40) LCH\_5510MHz\_Ant1\_NTNV



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



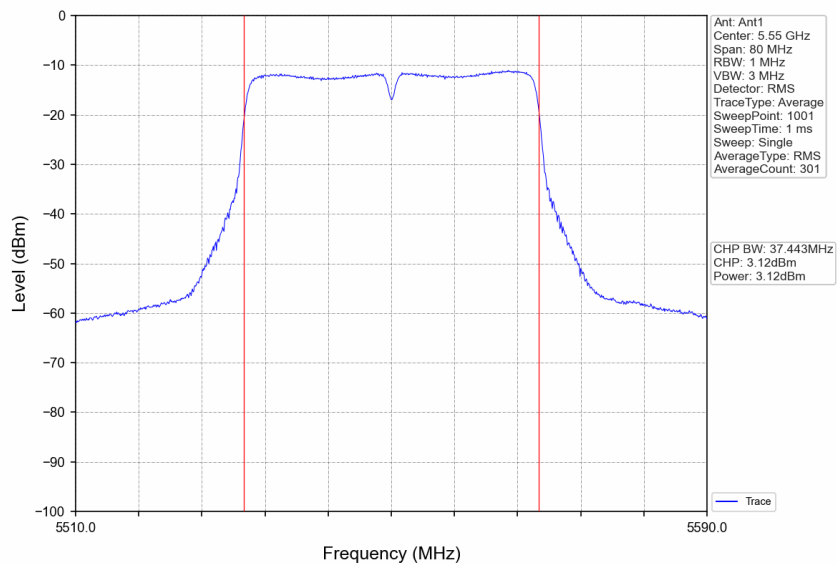
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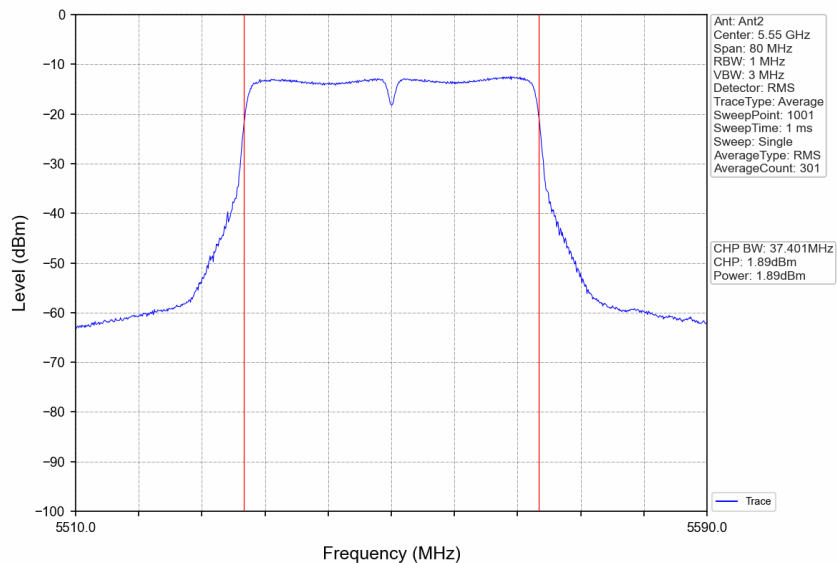
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802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



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



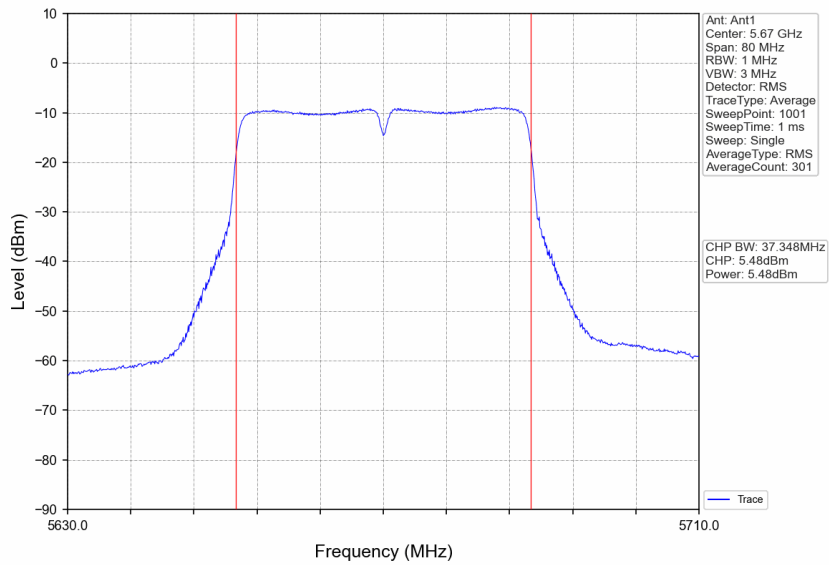
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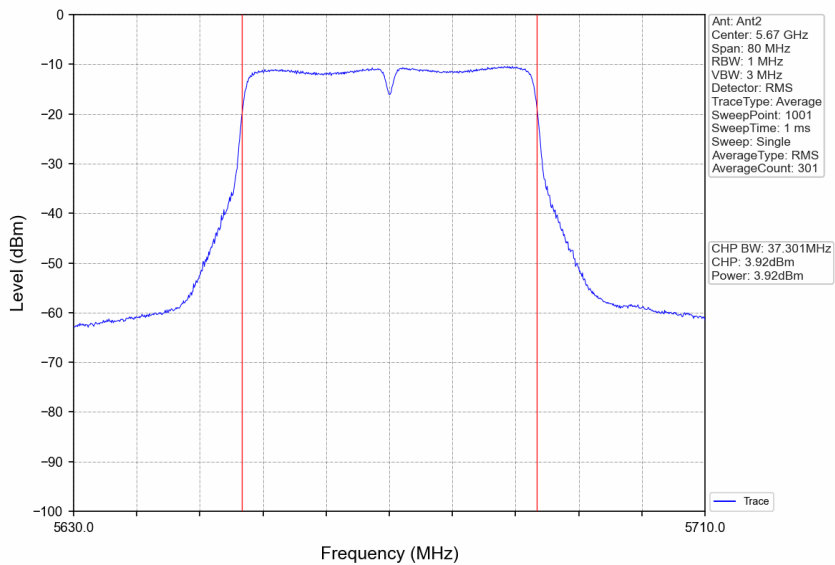
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802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



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

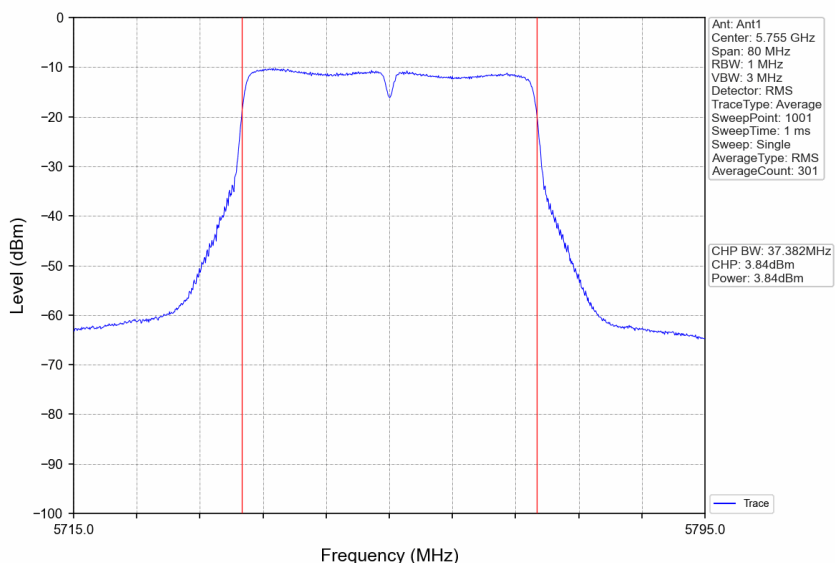


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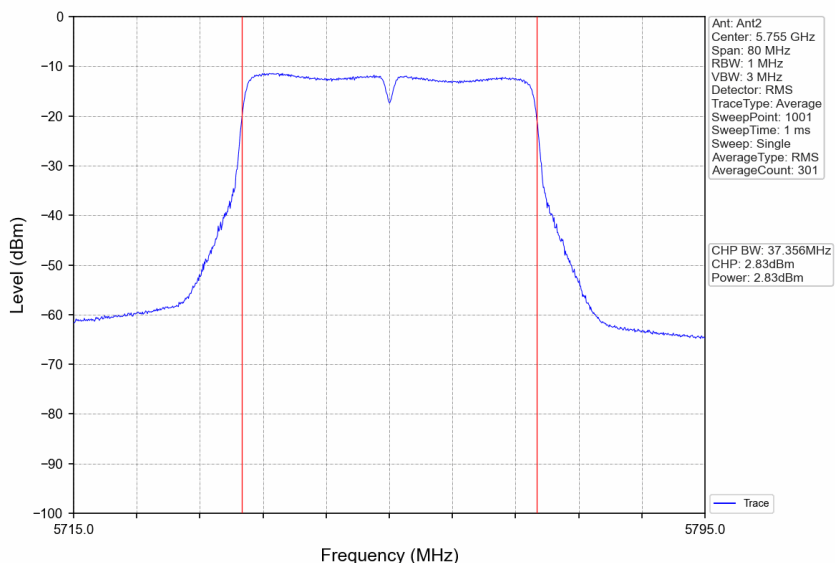
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802.11ac(VHT40) LCH\_5755MHz\_Ant1\_NTNV



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



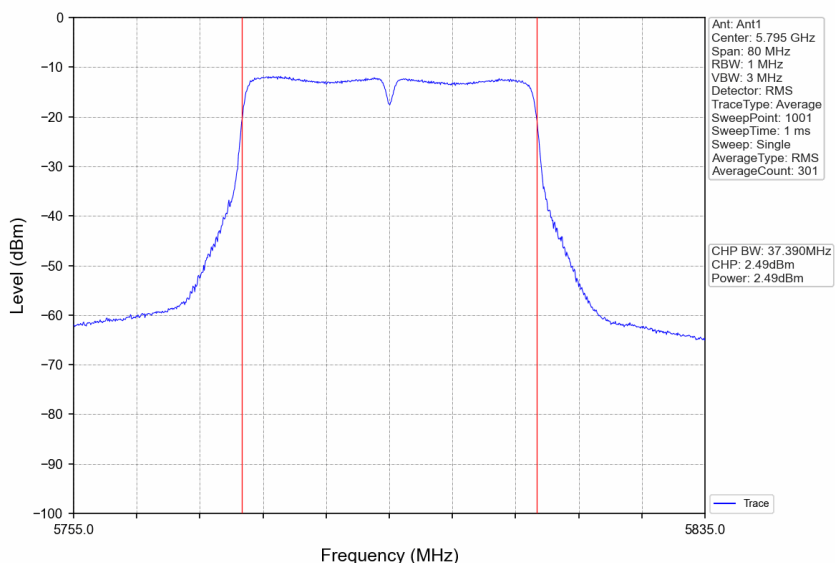
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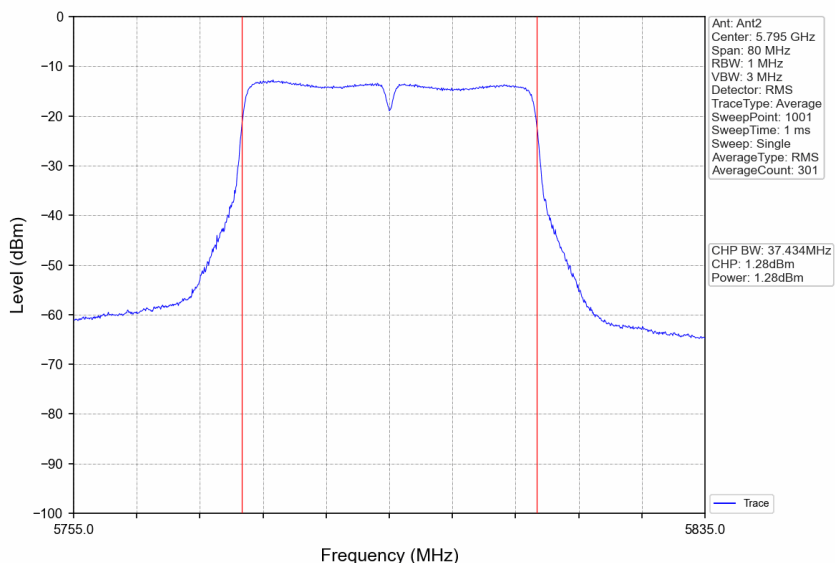
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802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



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



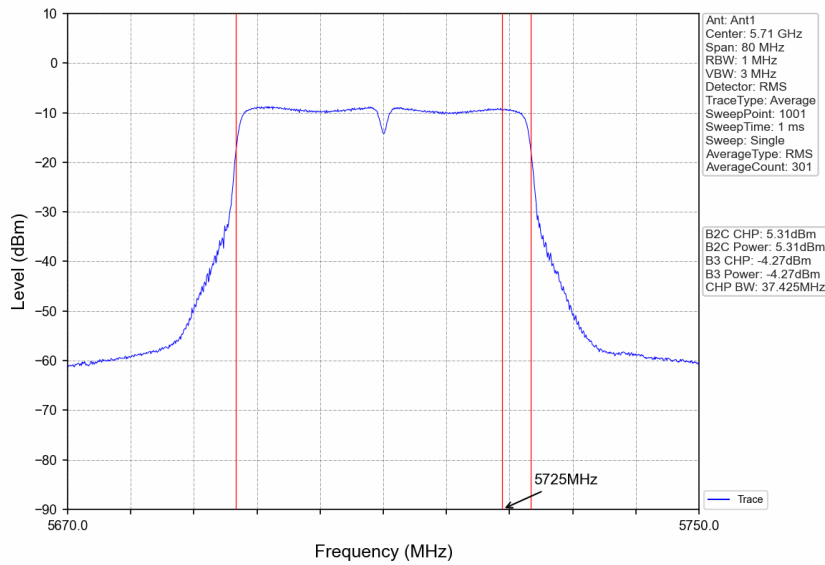
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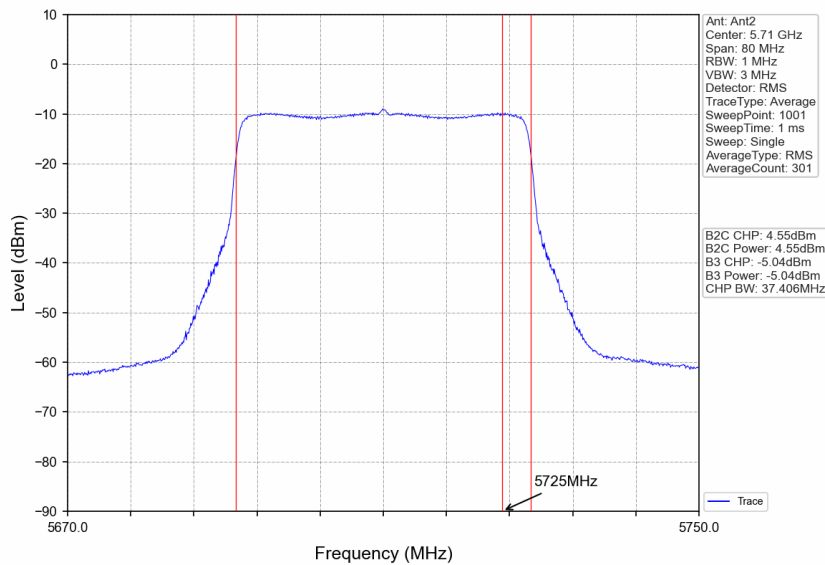
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802.11ac(VHT40)\_HCH\_5710MHz\_Ant1\_NTNV

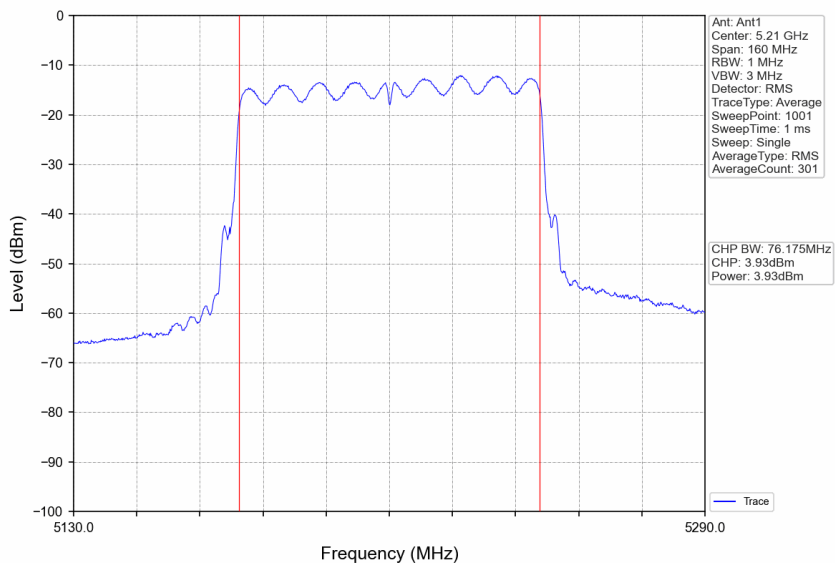


802.11ac(VHT40)\_HCH\_5710MHz\_Ant2\_NTNV

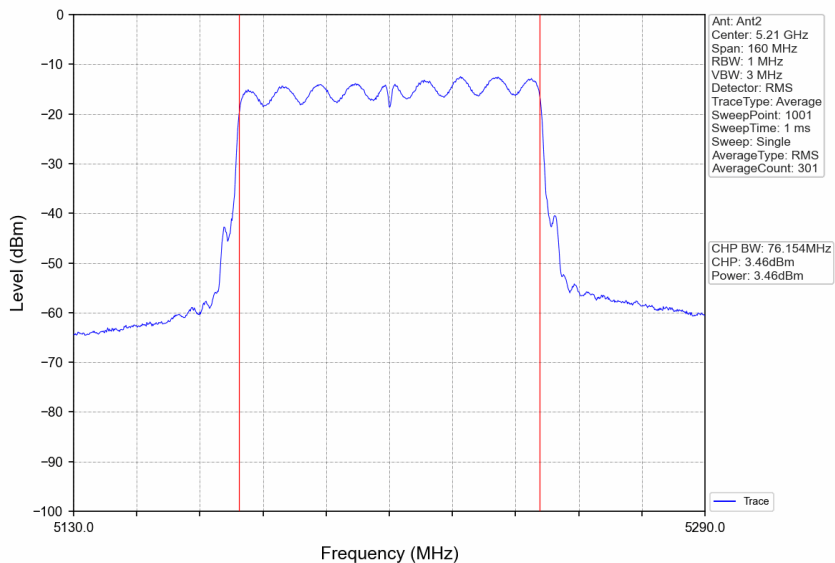


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802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV

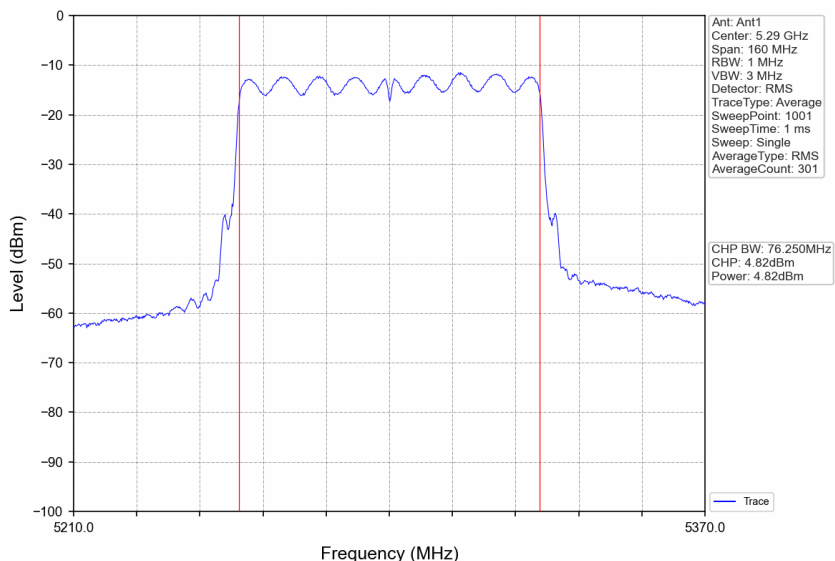


802.11ac(VHT80)\_MCH\_5210MHz\_Ant2\_NTNV

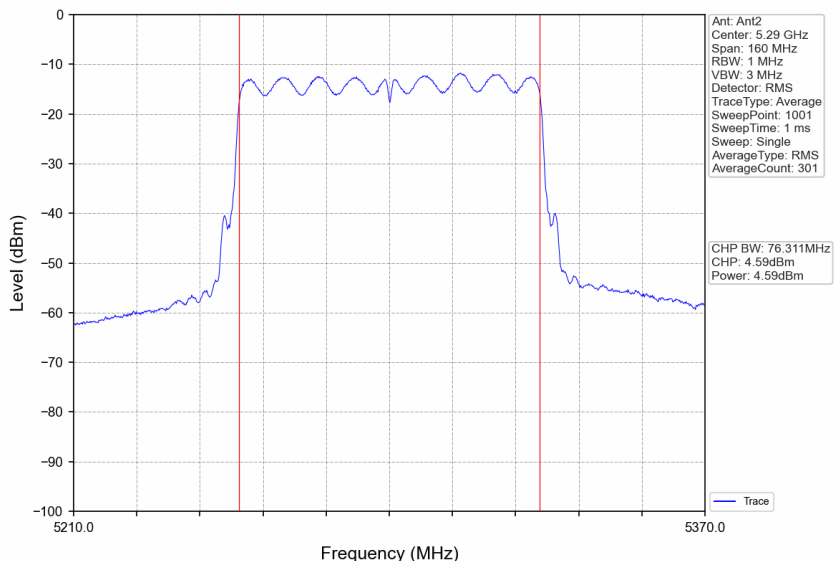


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802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



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



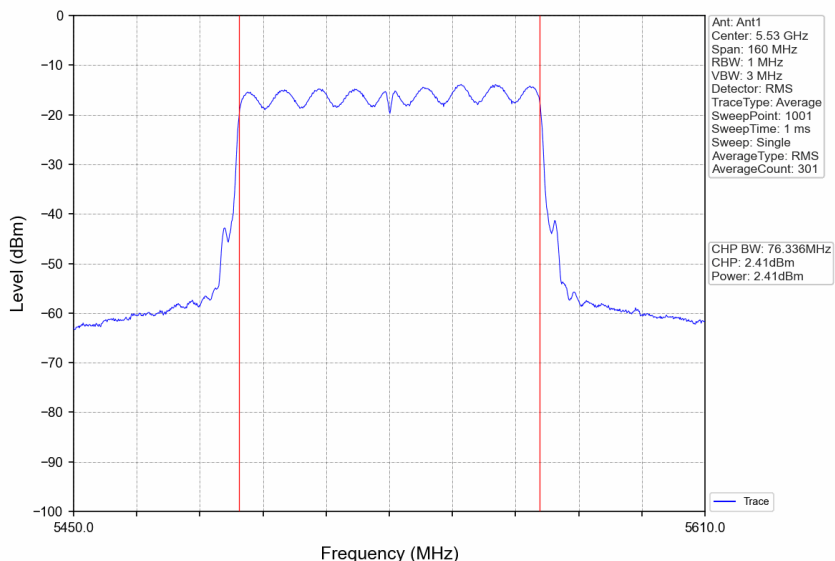
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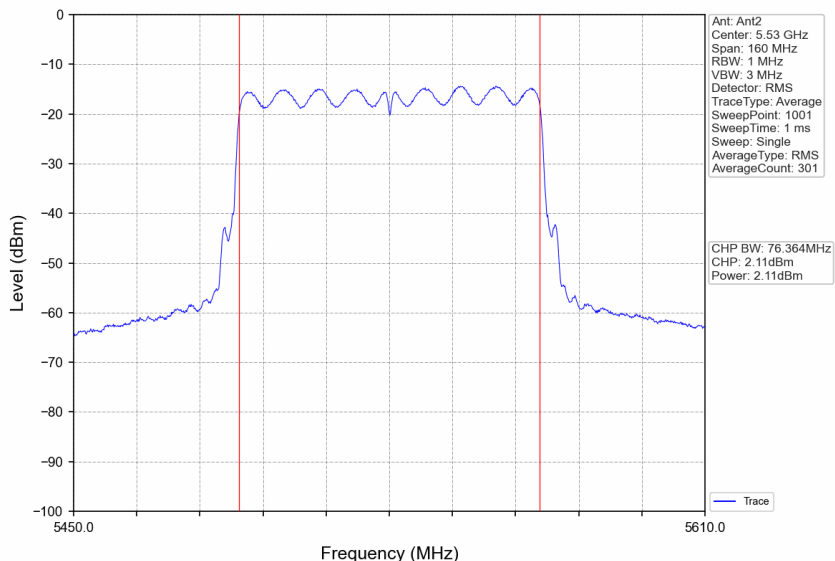
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802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV

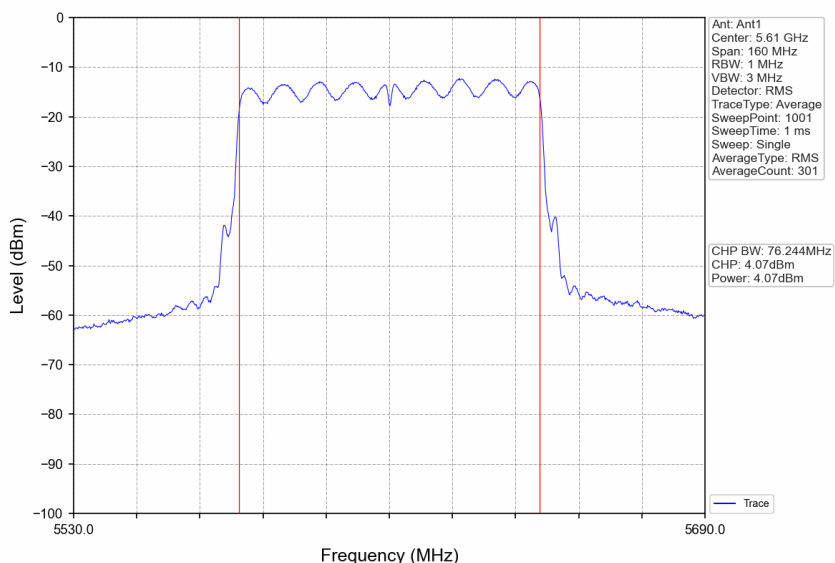


802.11ac(VHT80)\_LCH\_5530MHz\_Ant2\_NTNV

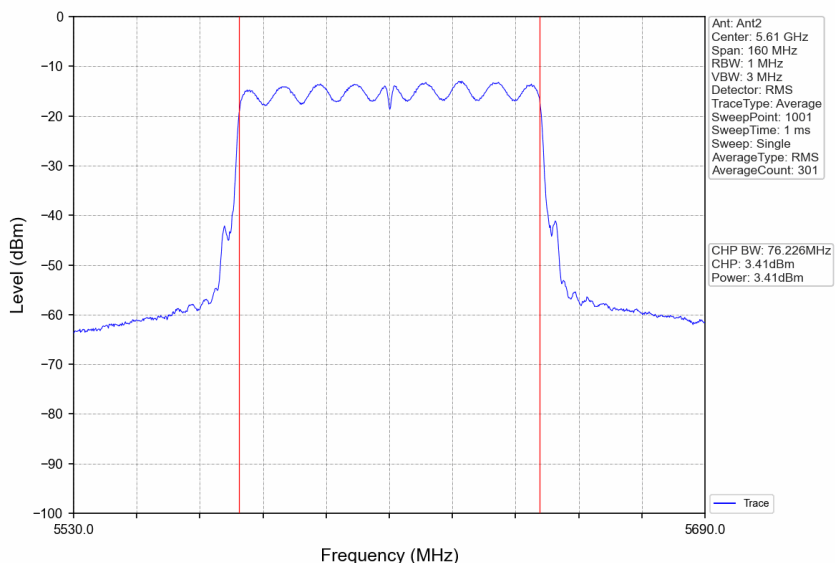


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802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



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



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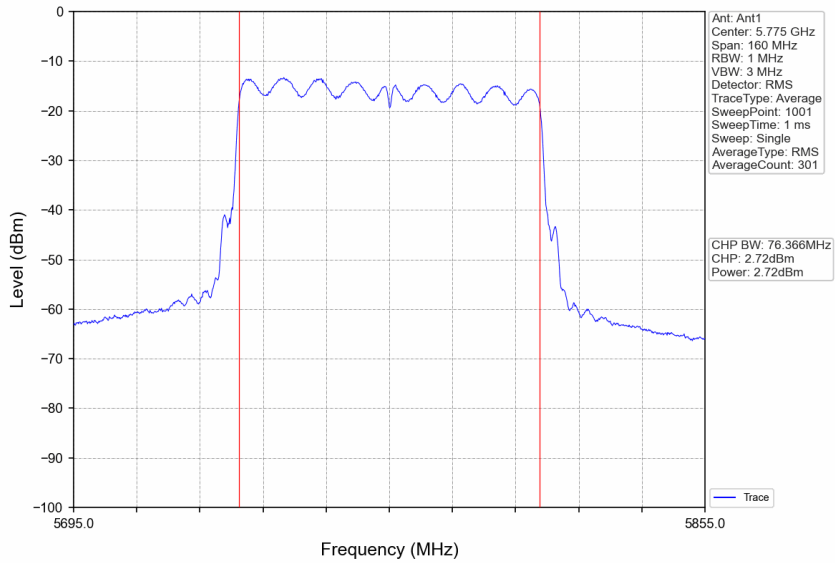
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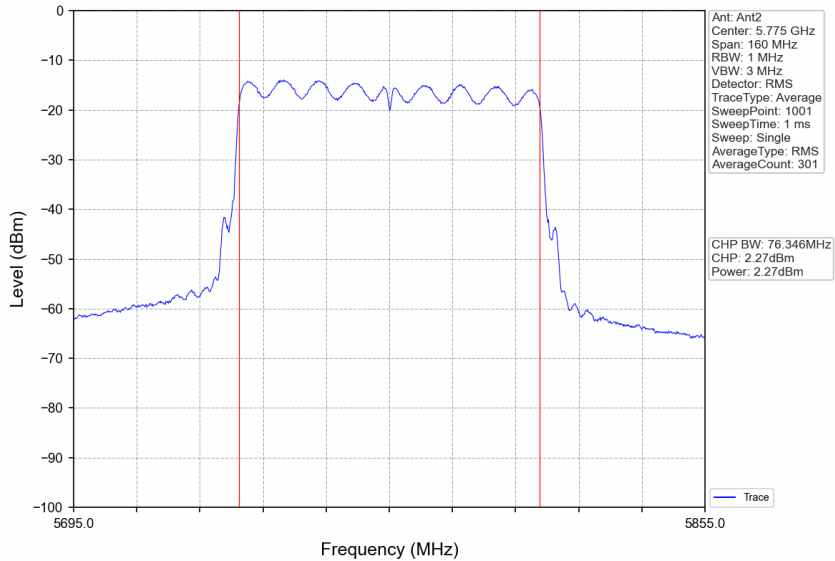
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802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



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

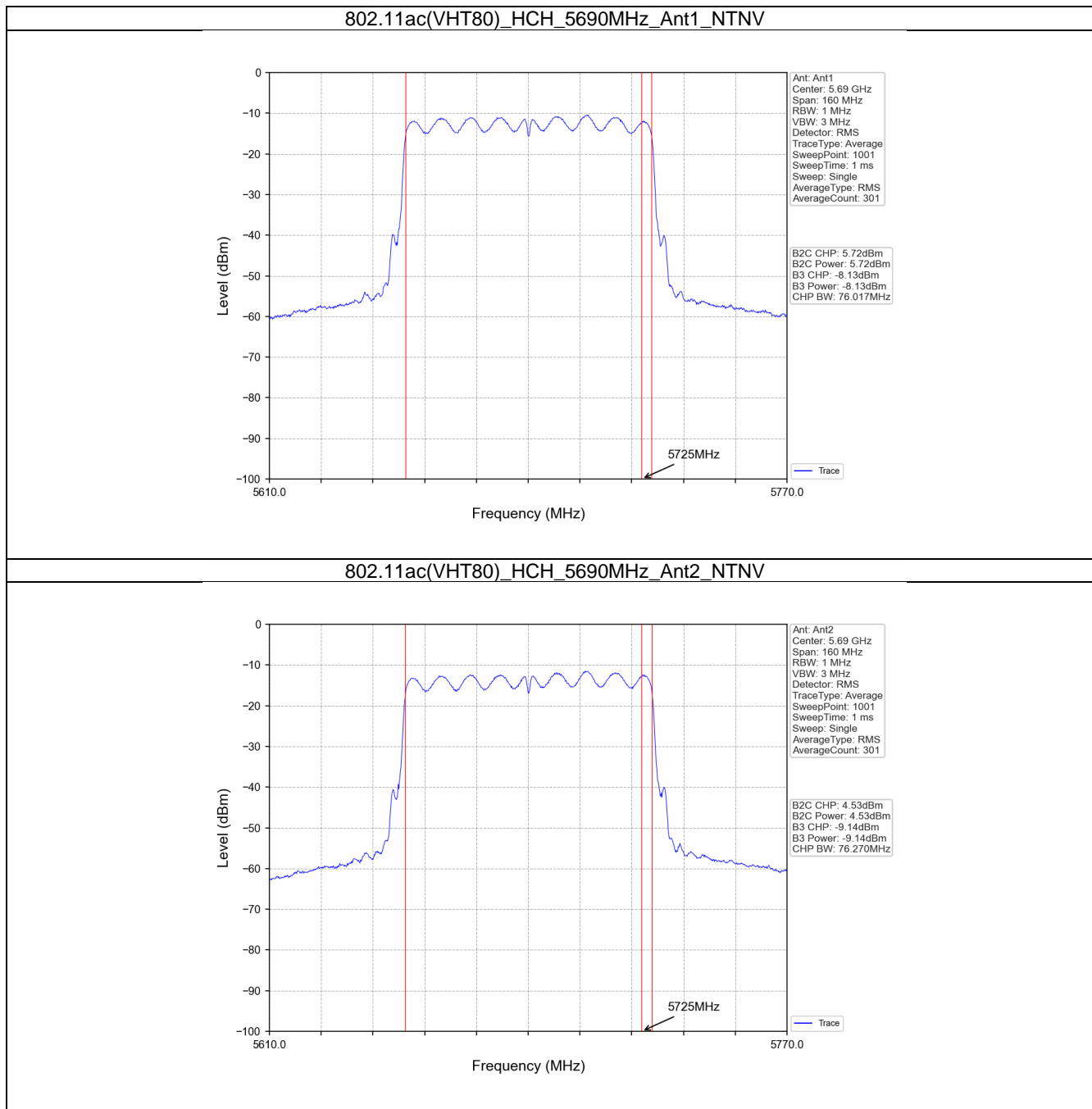


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## 4. Maximum Power Spectral Density

### 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	-6.32	-7.76	/	<=17.00	Pass
		5200	-7.51	-8.16	/	<=17.00	Pass
		5240	-5.90	-6.90	/	<=17.00	Pass
		5260	-11.40	-5.41	/	<=8.00	Pass
		5300	-5.69	-6.26	/	<=8.00	Pass
		5320	-5.32	-6.03	/	<=8.00	Pass
		5500	-8.72	-8.09	/	<=8.00	Pass
		5580	-8.01	-8.48	/	<=8.00	Pass
		5700	-6.19	-7.43	/	<=8.00	Pass
802.11n (HT20)	MIMO	5180	-8.66	-9.09	-5.93	<=17.00	Pass
		5200	-8.07	-8.46	-5.34	<=17.00	Pass
		5240	-7.01	-7.02	-4.15	<=17.00	Pass
		5260	-6.92	-7.08	-4.05	<=8.00	Pass
		5300	-6.38	-6.25	-3.38	<=8.00	Pass
		5320	-5.97	-5.84	-2.95	<=8.00	Pass
		5500	-10.42	-10.07	-7.41	<=8.00	Pass
		5580	-8.89	-9.09	-5.98	<=8.00	Pass
		5700	-6.85	-7.31	-4.17	<=8.00	Pass
802.11n (HT40)	MIMO	5190	-9.93	-10.55	-7.22	<=17.0	Pass
		5230	-9.17	-9.46	-6.33	<=17.0	Pass
		5270	-8.95	-9.16	-6.12	<=8.00	Pass
		5310	-8.39	-8.68	-5.58	<=8.00	Pass
		5510	-11.66	-11.93	-8.83	<=8.00	Pass
		5550	-10.78	-11.37	-8.16	<=8.00	Pass
		5670	-8.64	-9.53	-6.08	<=8.00	Pass
802.11ac (VHT20)	MIMO	5180	-7.91	-8.55	-5.29	<=17.00	Pass
		5200	-7.11	-7.82	-4.44	<=17.00	Pass
		5240	-6.19	-6.58	-3.41	<=17.00	Pass
		5260	-6.13	-6.65	-3.47	<=8.00	Pass
		5300	-5.40	-5.98	-2.76	<=8.00	Pass
		5320	-5.35	-5.73	-2.59	<=8.00	Pass
		5500	-9.06	-9.50	-6.44	<=8.00	Pass
		5580	-7.48	-8.68	-5.06	<=8.00	Pass
		5700	-5.86	-6.84	-3.44	<=8.00	Pass
802.11ac (VHT40)	MIMO	5190	-9.92	-11.04	-7.44	<=17.00	Pass
		5230	-9.26	-9.90	-6.67	<=17.00	Pass

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		5270	-8.90	-9.59	-6.32	<=8.00	Pass
		5310	-8.53	-9.10	-5.88	<=8.00	Pass
		5510	-9.84	-15.02	-8.74	<=8.00	Pass
		5550	-11.04	-12.42	-8.74	<=8.00	Pass
		5670	-8.90	-10.42	-6.64	<=8.00	Pass
		5710	-8.67	-9.04	-6.27	<=8.00	Pass
802.11ac (VHT80)	MIMO	5210	-12.00	-12.50	-9.25	<=17.00	Pass
		5290	-11.25	-11.77	-8.49	<=8.00	Pass
		5530	-13.92	-14.34	-11.17	<=8.00	Pass
		5610	-12.30	-13.00	-9.67	<=8.00	Pass
		5690	-10.46	-11.41	-7.93	<=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

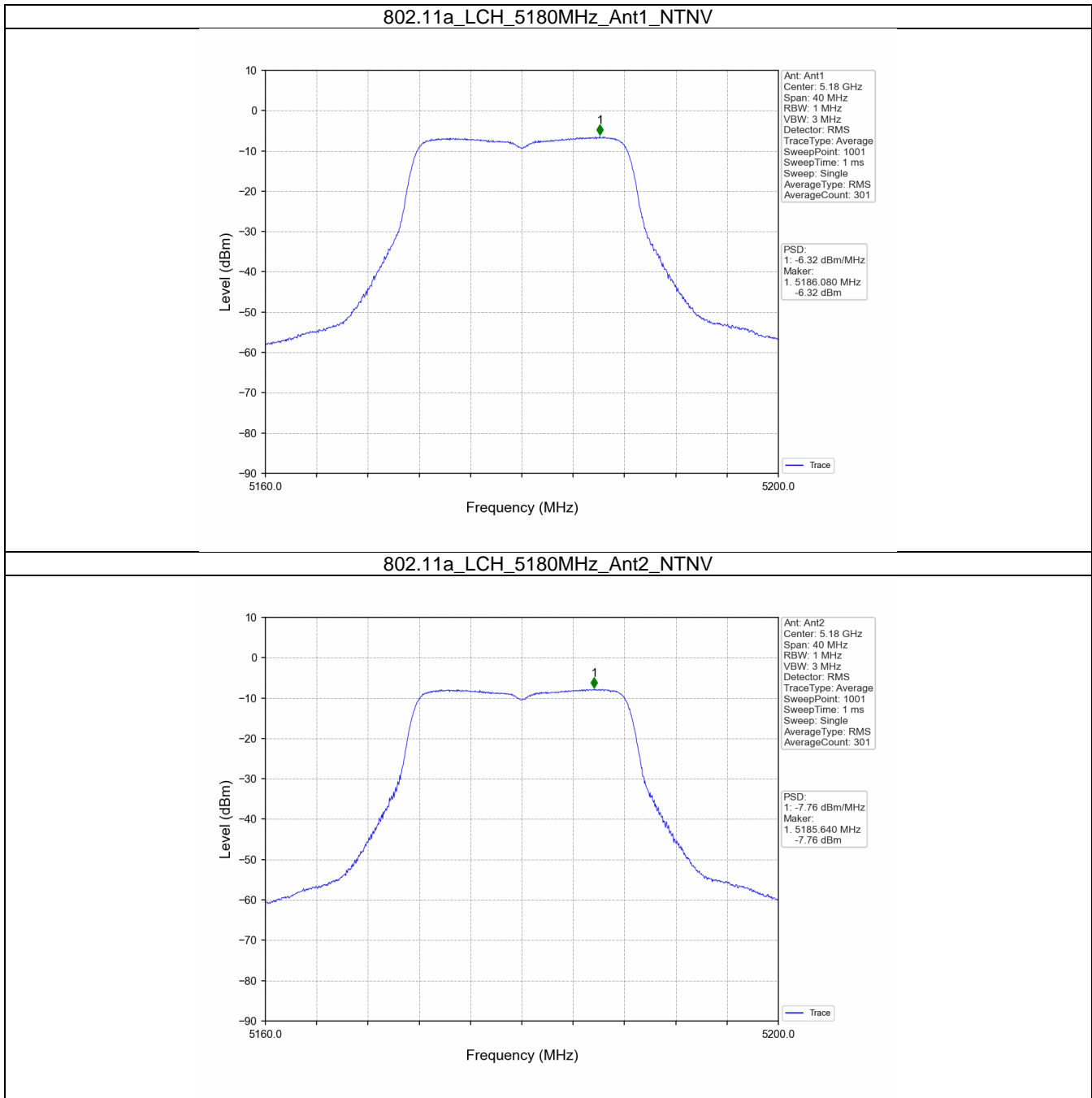
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)			Maximum PSD (dBm/500kHz)				Verdict
			Ant1	Ant2	MIMO	Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5720	-6.69	-6.72	/	-9.71	-9.74	/	<=30.00	Pass
802.11n(HT20)	MIMO	5720	-6.42	-7.16	-3.77	-9.44	-10.18	-6.79	<=30.00	Pass
802.11n(HT40)	MIMO	5710	-8.63	-9.69	-6.25	-11.65	-12.71	-9.27	<=30.00	Pass
802.11ac(VHT20)	MIMO	5720	-6.98	-7.35	-4.23	-10.00	-10.37	-7.25	<=30.00	Pass
802.11ac(VHT40)	MIMO	5710	-8.67	-9.04	-6.27	-11.69	-12.06	-9.29	<=30.00	Pass
802.11ac(VHT80)	MIMO	5690	-10.46	-11.41	-7.93	-13.48	-14.43	-10.95	<=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



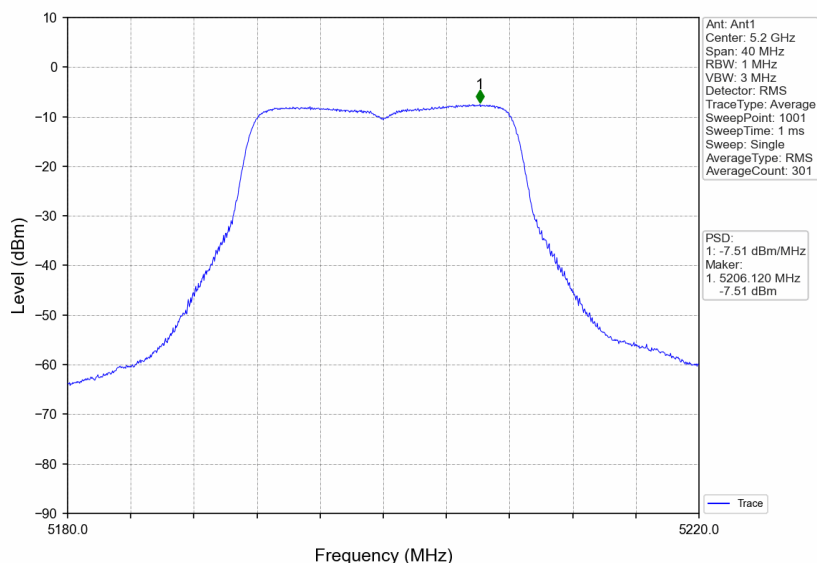
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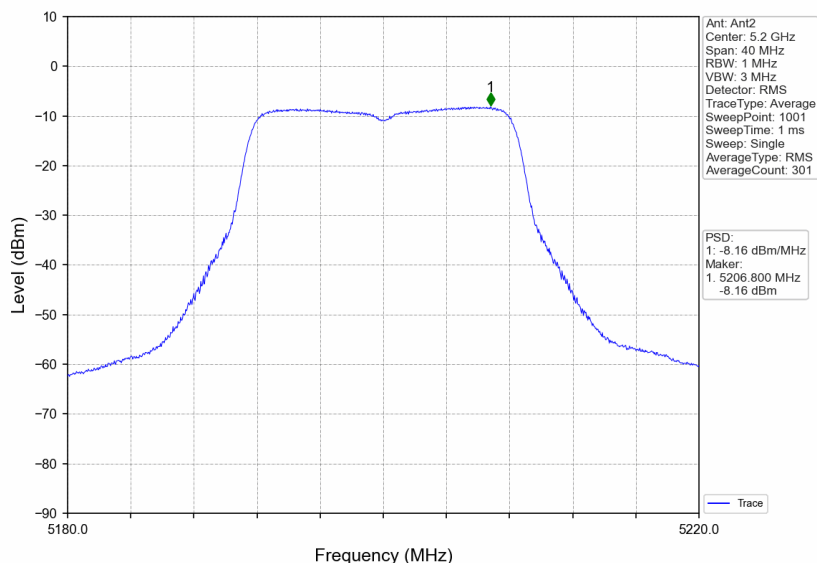
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802.11a\_MCH\_5200MHz\_Ant1\_NTNV



802.11a\_MCH\_5200MHz\_Ant2\_NTNV



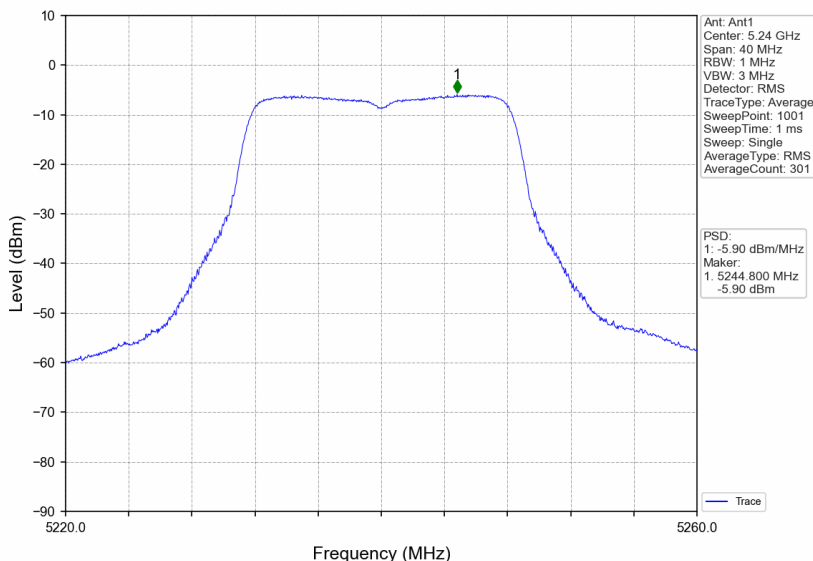
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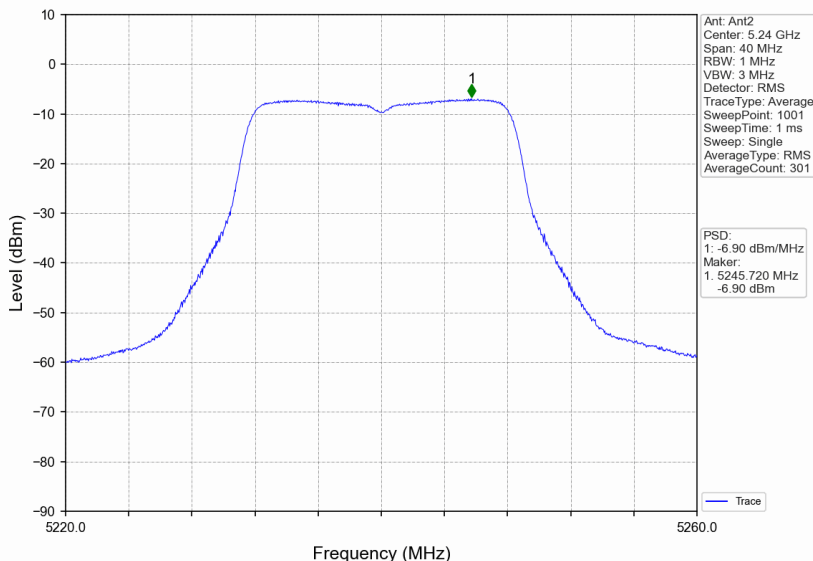
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802.11a\_HCH\_5240MHz\_Ant2\_NTNV

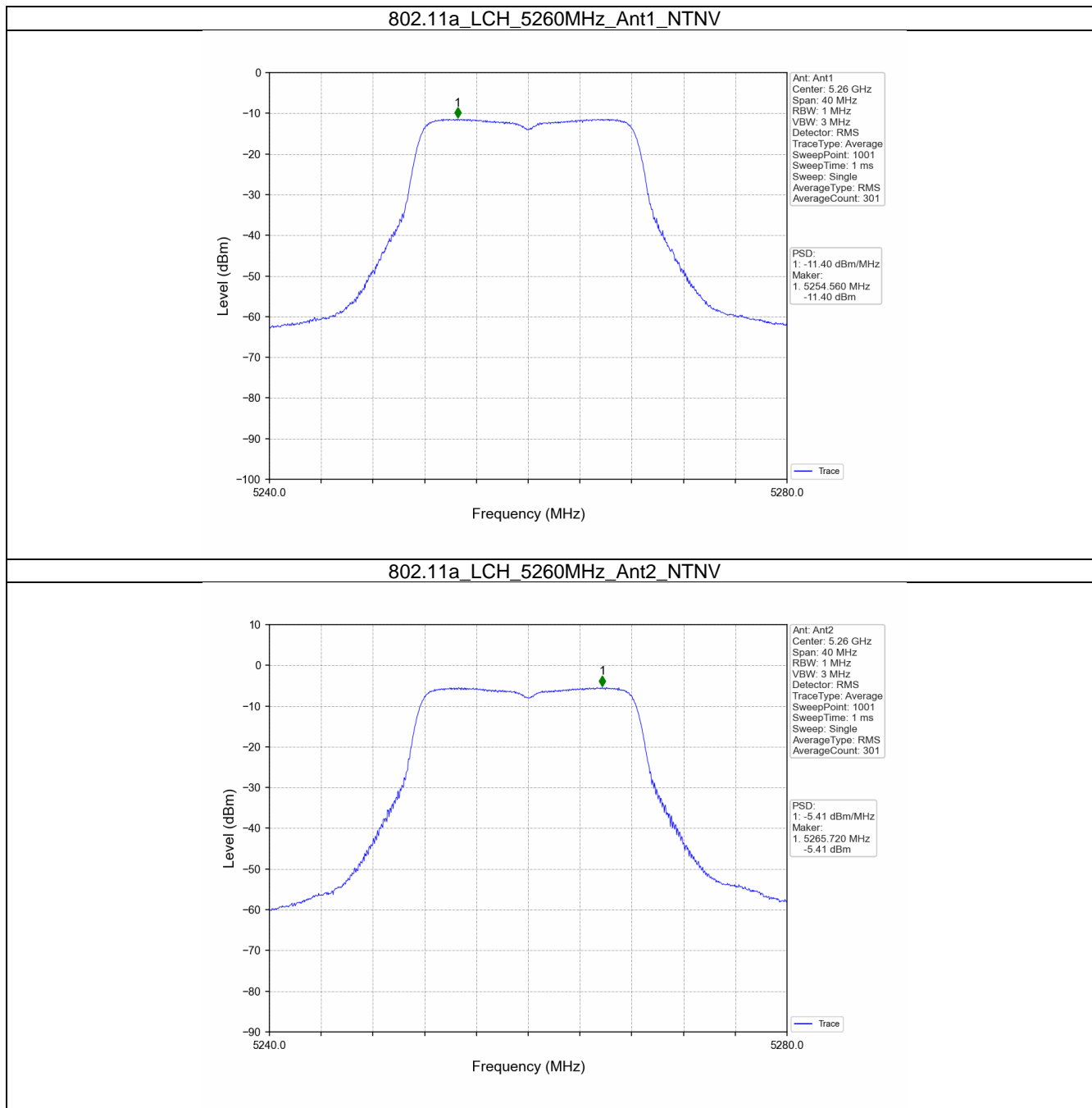


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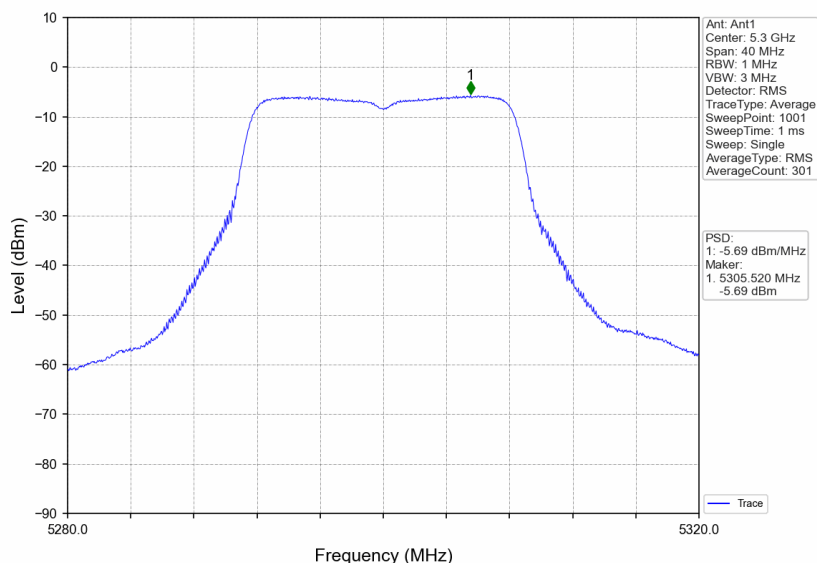
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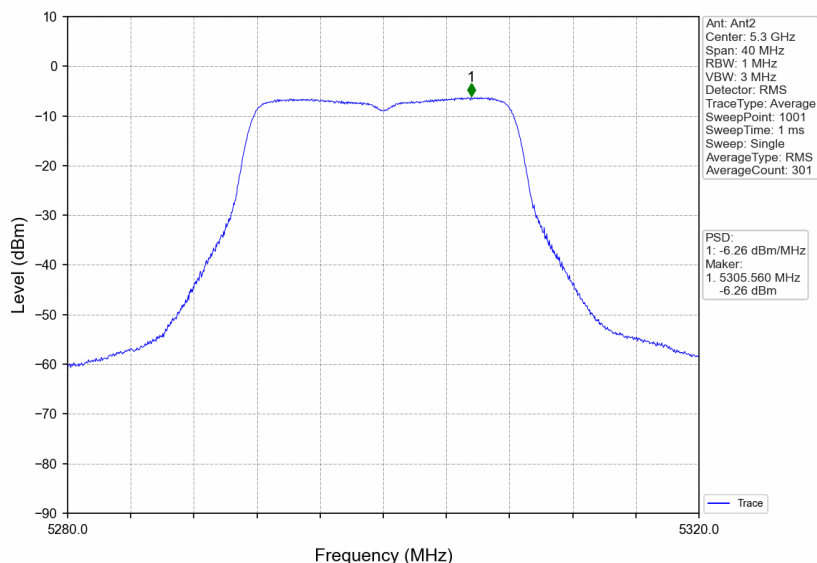
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802.11a\_MCH\_5300MHz\_Ant1\_NTNV



802.11a\_MCH\_5300MHz\_Ant2\_NTNV



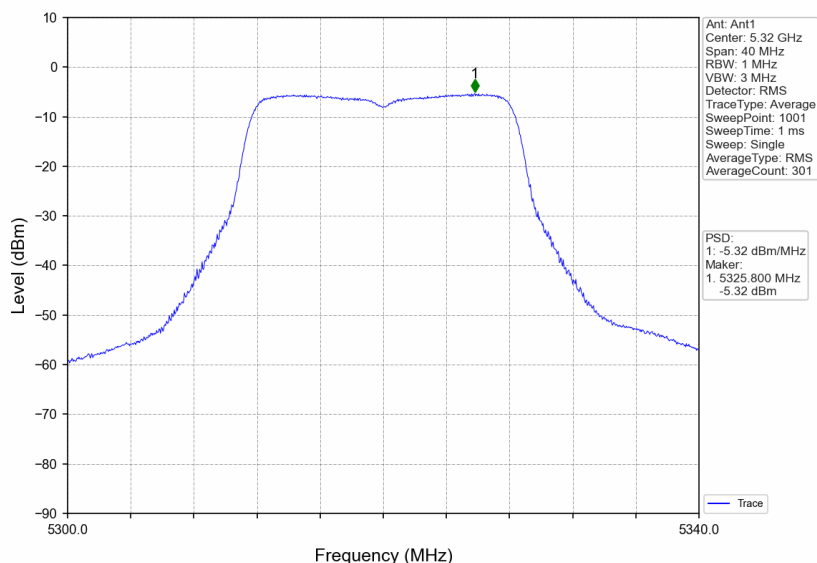
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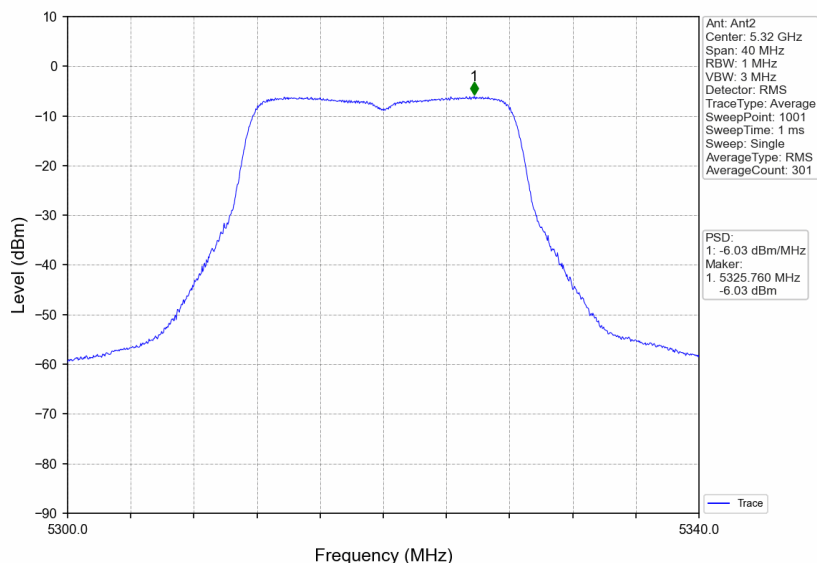
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802.11a\_HCH\_5320MHz\_Ant1\_NTNV

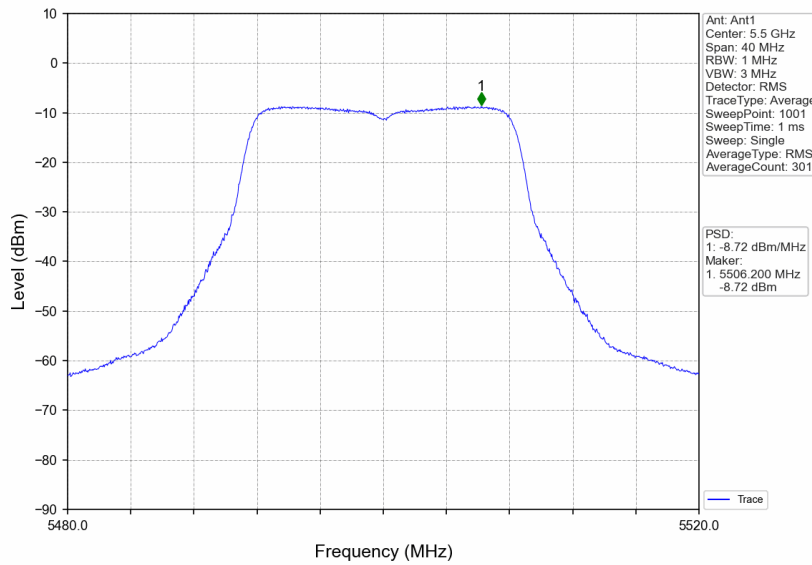


802.11a\_HCH\_5320MHz\_Ant2\_NTNV

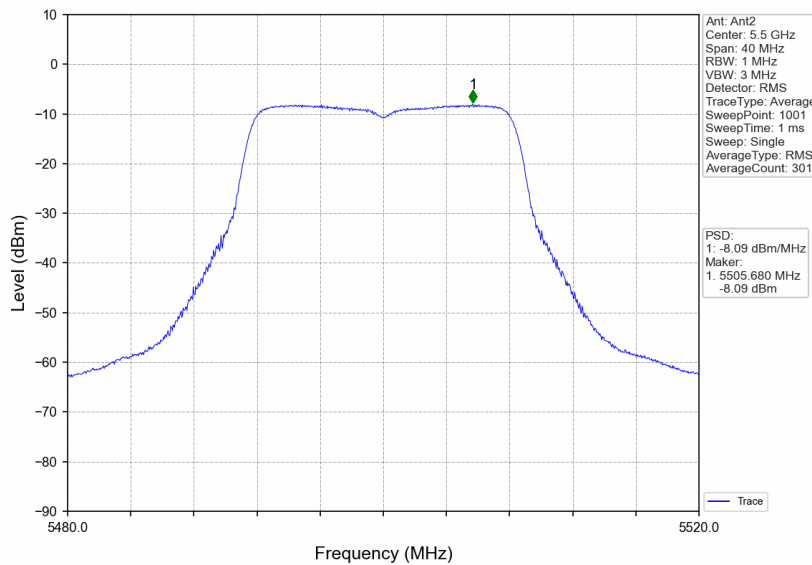


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802.11a\_LCH\_5500MHz\_Ant1\_NTNV



802.11a\_LCH\_5500MHz\_Ant2\_NTNV



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