

2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	MIMO	5180	/	/	2	17.634	/	Pass
		5200	/	/	2	17.710	/	Pass
		5240	/	/	2	17.375	/	Pass
		5260	/	/	2	17.243	/	Pass
		5300	/	/	2	17.720	/	Pass
		5320	/	/	2	17.630	/	Pass
		5500	/	/	2	17.743	/	Pass
		5580	/	/	2	17.260	/	Pass
802.11n (HT20)	MIMO	5700	/	/	2	17.630	/	Pass
		5180	/	/	2	18.675	/	Pass
		5200	/	/	2	18.677	/	Pass
		5240	/	/	2	18.226	/	Pass
		5260	/	/	2	18.364	/	Pass
		5300	/	/	2	18.817	/	Pass
		5320	/	/	2	18.716	/	Pass
		5500	/	/	2	18.716	/	Pass
802.11n (HT40)	MIMO	5580	/	/	2	18.328	/	Pass
		5700	/	/	2	18.529	/	Pass
		5190	/	/	2	36.655	/	Pass
		5230	/	/	2	36.353	/	Pass
		5270	/	/	2	36.419	/	Pass
		5310	/	/	2	36.749	/	Pass
		5510	/	/	2	36.895	/	Pass
		5550	/	/	2	36.344	/	Pass
802.11ac (VHT20)	MIMO	5670	/	/	2	37.042	/	Pass
		5180	/	/	2	18.664	/	Pass
		5200	/	/	2	18.777	/	Pass
		5240	/	/	2	18.227	/	Pass
		5260	/	/	2	18.413	/	Pass
		5300	/	/	2	18.753	/	Pass
		5320	/	/	2	18.646	/	Pass
		5500	/	/	2	18.738	/	Pass
802.11ac (VHT40)	MIMO	5580	/	/	2	18.393	/	Pass
		5700	/	/	2	18.593	/	Pass
		5190	/	/	2	36.902	/	Pass
		5230	/	/	2	36.329	/	Pass
		5270	/	/	2	36.344	/	Pass
		5310	/	/	2	36.802	/	Pass
		5510	/	/	2	36.892	/	Pass
		5550	/	/	2	36.305	/	Pass
802.11ac (VHT80)	MIMO	5670	/	/	2	37.307	/	Pass
		5210	/	/	2	76.162	/	Pass
		5290	/	/	2	76.187	/	Pass
		5530	/	/	2	76.221	/	Pass
802.11ac (VHT160)	MIMO	5610	/	/	2	75.646	/	Pass
		5570	/	/	2	154.251	/	Pass

802.11ax (HEW20)	MIMO	5180	SU	/	2	19.465	/	Pass
		5200	SU	/	2	19.451	/	Pass
		5240	SU	/	2	19.026	/	Pass
		5260	SU	/	2	19.194	/	Pass
		5300	SU	/	2	19.465	/	Pass
		5320	SU	/	2	19.325	/	Pass
		5500	SU	/	2	19.314	/	Pass
		5580	SU	/	2	19.203	/	Pass
802.11ax (HEW40)	MIMO	5700	SU	/	2	19.221	/	Pass
		5190	SU	/	2	38.089	/	Pass
		5230	SU	/	2	37.757	/	Pass
		5270	SU	/	2	37.674	/	Pass
		5310	SU	/	2	37.892	/	Pass
		5510	SU	/	2	38.018	/	Pass
		5550	SU	/	2	37.644	/	Pass
802.11ax (HEW80)	MIMO	5670	SU	/	2	38.187	/	Pass
		5210	SU	/	2	77.930	/	Pass
		5290	SU	/	2	77.835	/	Pass
		5530	SU	/	2	77.724	/	Pass
802.11ax (HEW160)	MIMO	5610	SU	/	2	76.978	/	Pass
		5570	SU	/	2	155.404	/	Pass

Remark: All the patterns have been tested, and only the worst data is reflected in the report.

2.1.2 26dB BW

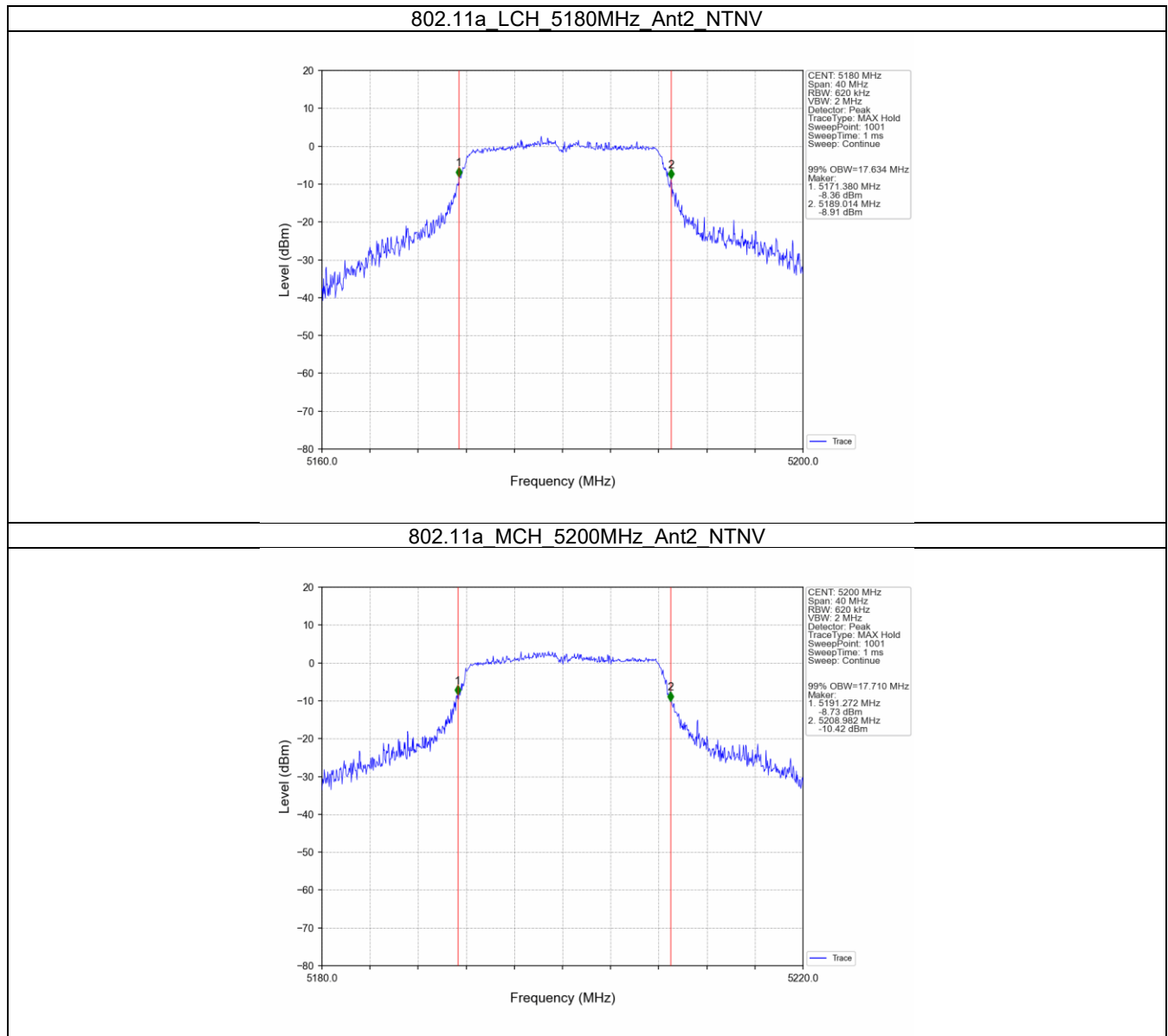
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	MIMO	5180	/	/	2	28.240	/	Pass
		5200	/	/	2	28.293	/	Pass
		5240	/	/	2	20.175	/	Pass
		5260	/	/	2	21.697	/	Pass
		5300	/	/	2	26.610	/	Pass
		5320	/	/	2	27.524	/	Pass
		5500	/	/	2	30.982	/	Pass
		5580	/	/	2	22.063	/	Pass
802.11n (HT20)	MIMO	5700	/	/	2	25.117	/	Pass
		5180	/	/	2	29.565	/	Pass
		5200	/	/	2	27.971	/	Pass
		5240	/	/	2	20.796	/	Pass
		5260	/	/	2	22.639	/	Pass
		5300	/	/	2	31.872	/	Pass
		5320	/	/	2	29.791	/	Pass
		5500	/	/	2	30.089	/	Pass
802.11n (HT40)	MIMO	5580	/	/	2	22.455	/	Pass
		5700	/	/	2	27.975	/	Pass
		5190	/	/	2	47.179	/	Pass
		5230	/	/	2	41.088	/	Pass
		5270	/	/	2	40.776	/	Pass
		5310	/	/	2	55.028	/	Pass
		5510	/	/	2	53.145	/	Pass
802.11ac (VHT20)	MIMO	5550	/	/	2	41.406	/	Pass
		5670	/	/	2	60.282	/	Pass
		5180	/	/	2	29.735	/	Pass
		5200	/	/	2	31.516	/	Pass
		5240	/	/	2	20.827	/	Pass
		5260	/	/	2	22.663	/	Pass
	MIMO	5300	/	/	2	29.498	/	Pass
		5320	/	/	2	30.342	/	Pass

		5500	/	/	2	31.294	/	Pass
		5580	/	/	2	22.329	/	Pass
		5700	/	/	2	27.123	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	2	54.550	/	Pass
		5230	/	/	2	41.410	/	Pass
		5270	/	/	2	41.028	/	Pass
		5310	/	/	2	55.591	/	Pass
		5510	/	/	2	55.721	/	Pass
		5550	/	/	2	41.016	/	Pass
		5670	/	/	2	60.764	/	Pass
		5210	/	/	2	95.077	/	Pass
802.11ac (VHT80)	MIMO	5290	/	/	2	95.919	/	Pass
		5530	/	/	2	102.691	/	Pass
		5610	/	/	2	80.546	/	Pass
		5570	/	/	2	169.494	/	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	2	27.730	/	Pass
		5200	SU	/	2	27.510	/	Pass
		5240	SU	/	2	20.313	/	Pass
		5260	SU	/	2	22.194	/	Pass
		5300	SU	/	2	29.657	/	Pass
		5320	SU	/	2	26.172	/	Pass
		5500	SU	/	2	25.453	/	Pass
		5580	SU	/	2	22.416	/	Pass
802.11ax (HEW40)	MIMO	5700	SU	/	2	25.575	/	Pass
		5190	SU	/	2	52.237	/	Pass
		5230	SU	/	2	40.049	/	Pass
		5270	SU	/	2	40.045	/	Pass
		5310	SU	/	2	51.448	/	Pass
		5510	SU	/	2	54.038	/	Pass
802.11ax (HEW80)	MIMO	5550	SU	/	2	39.963	/	Pass
		5670	SU	/	2	49.905	/	Pass
		5210	SU	/	2	106.665	/	Pass
		5290	SU	/	2	102.199	/	Pass
802.11ax (HEW160)	MIMO	5530	SU	/	2	95.302	/	Pass
		5610	SU	/	2	81.462	/	Pass
		5570	SU	/	2	166.608	/	Pass

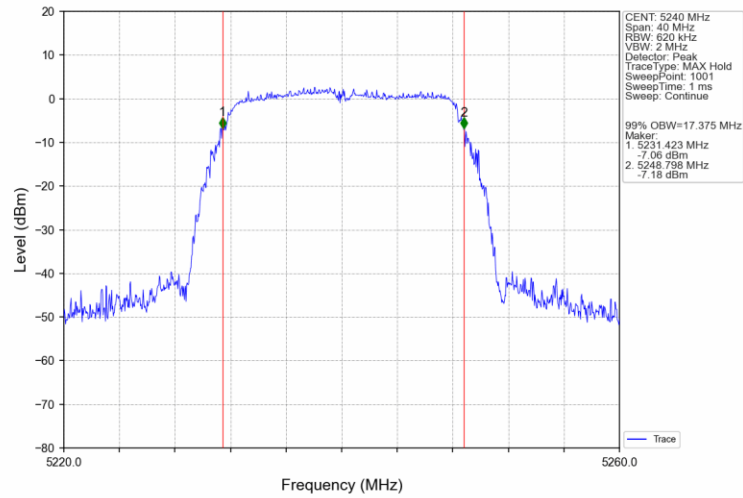
Remark: All the patterns have been tested, and only the worst data is reflected in the report.

2.2 Test Graph

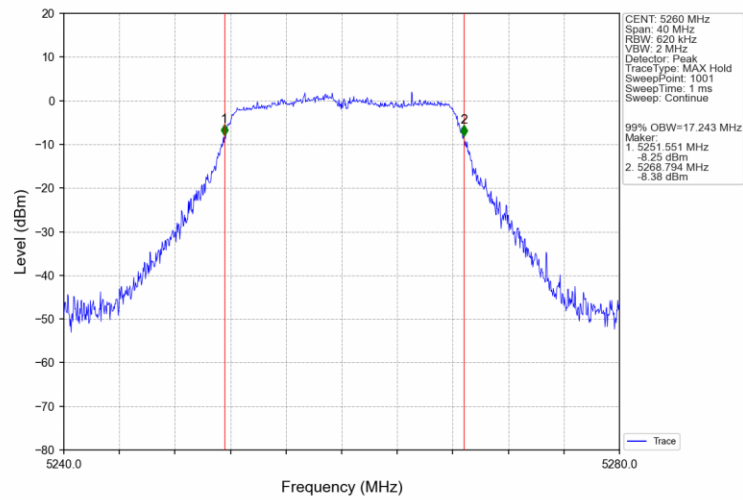
2.2.1 OBW



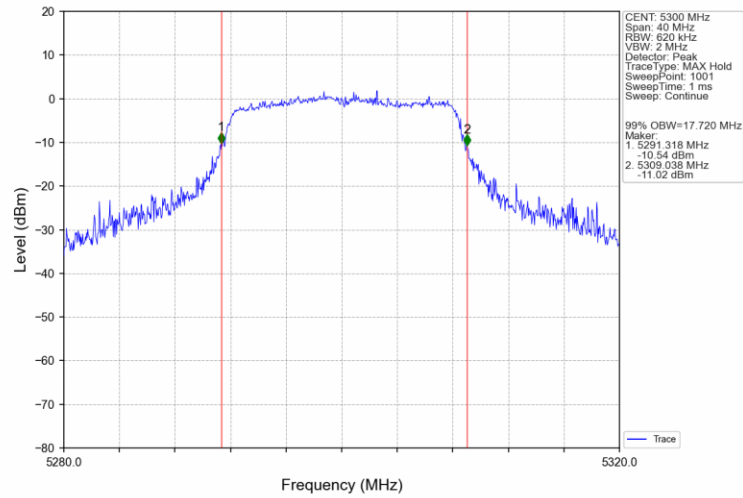
802.11a_HCH_5240MHz_Ant2_NTNV



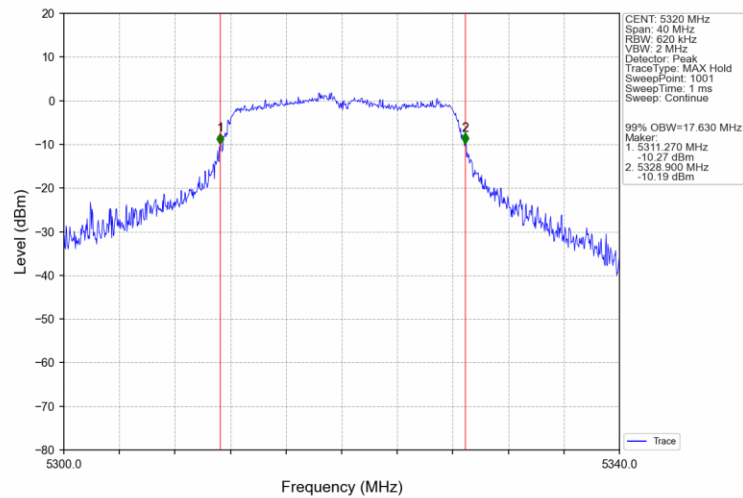
802.11a_LCH_5260MHz_Ant2_NTNV



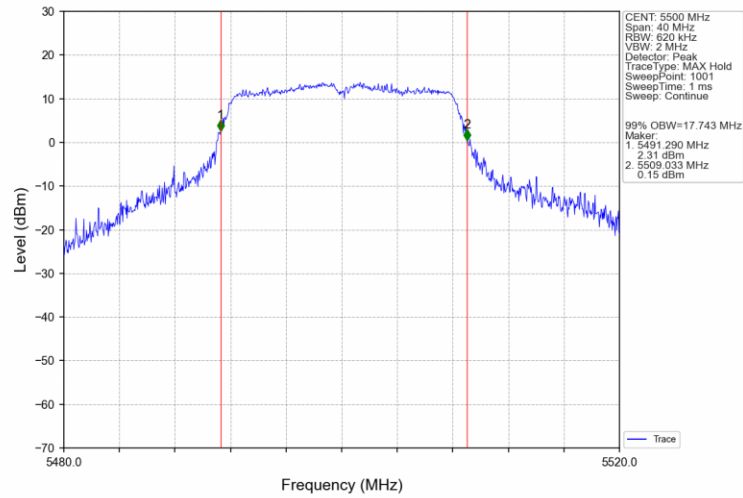
802.11a_MCH_5300MHz_Ant2_NTNV



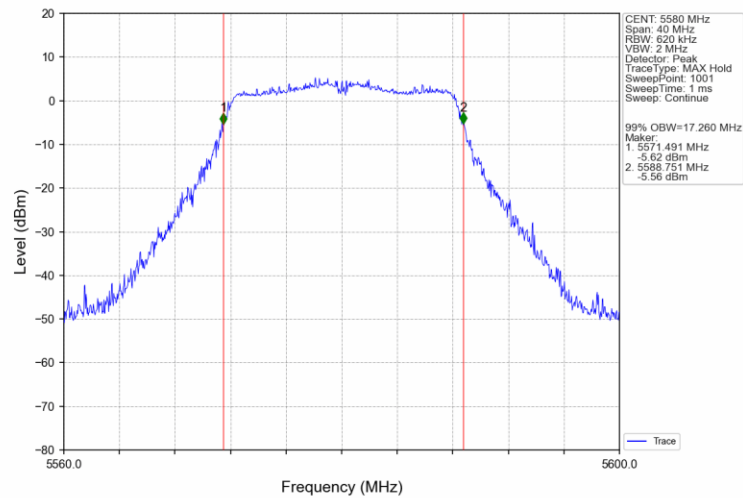
802.11a_HCH_5320MHz_Ant2_NTNV



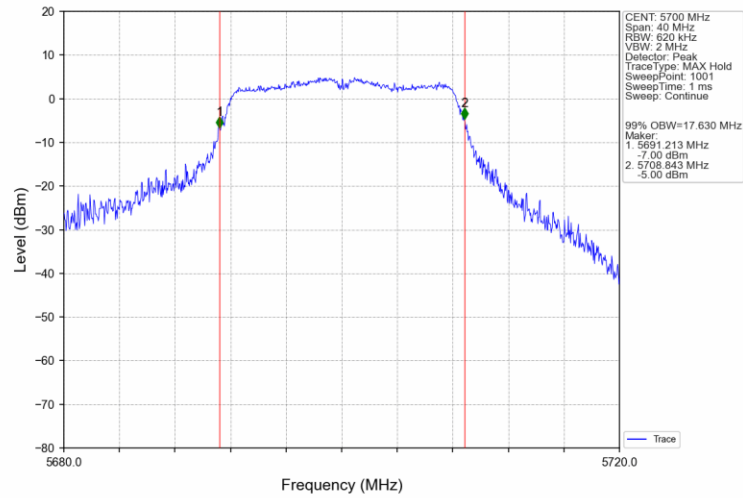
802.11a_LCH_5500MHz_Ant2_NTNV



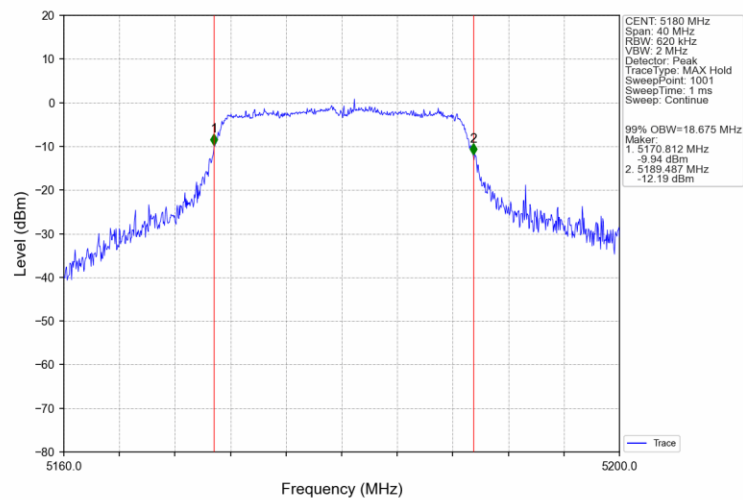
802.11a_MCH_5580MHz_Ant2_NTNV



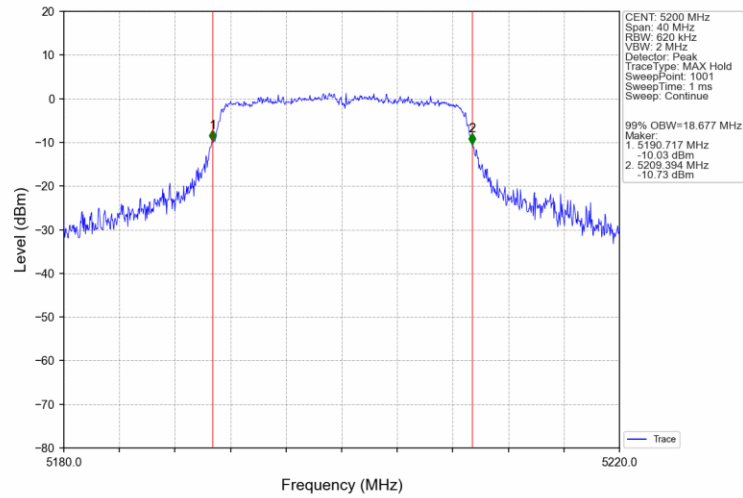
802.11a_HCH_5700MHz_Ant2_NTNV



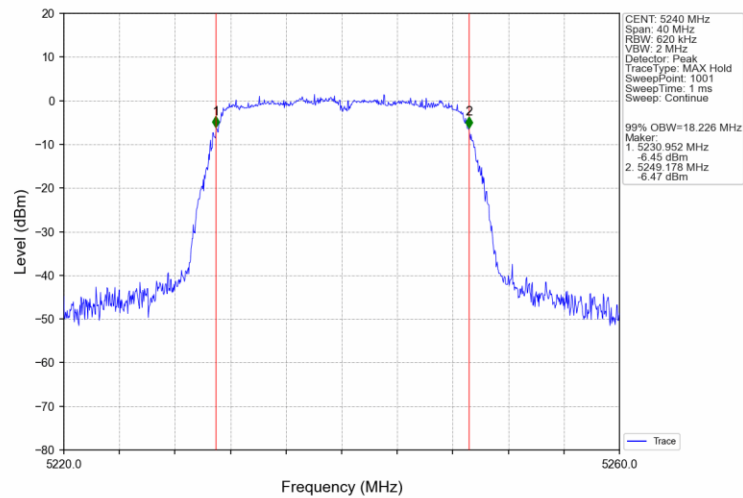
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



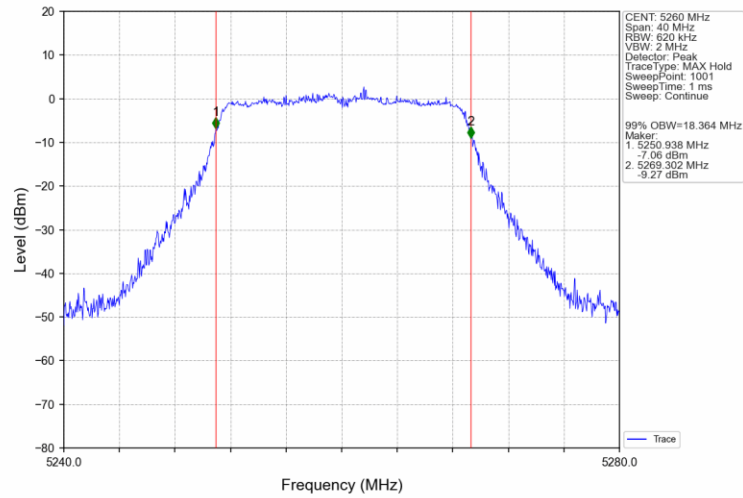
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



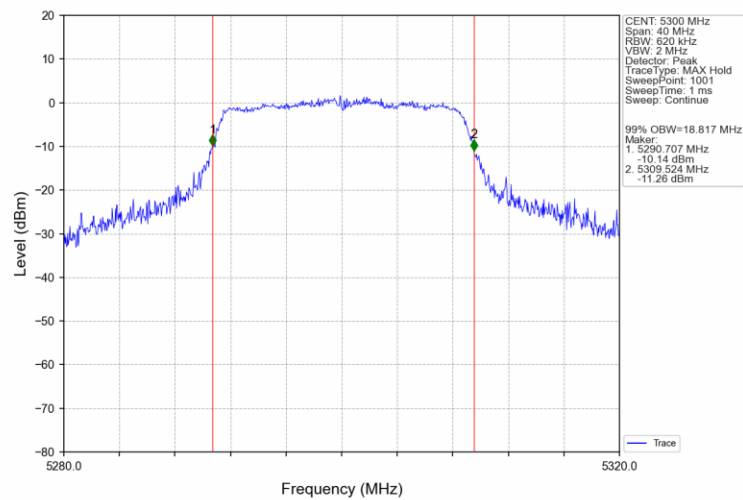
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



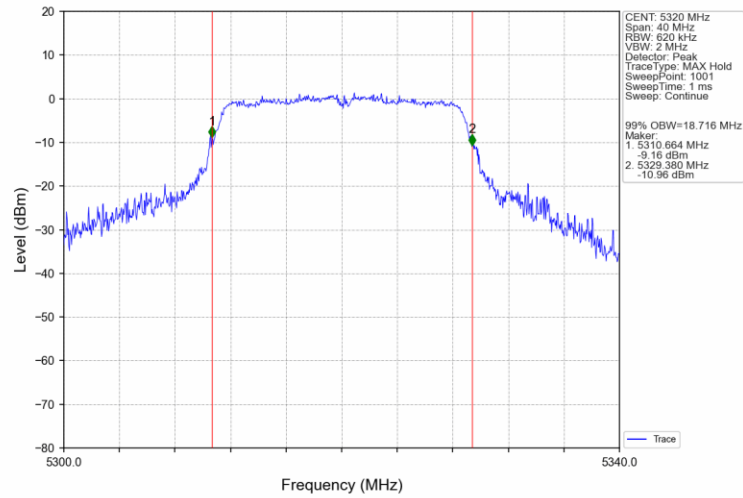
802.11n(HT20)_LCH_5260MHz_Ant2_NTNV



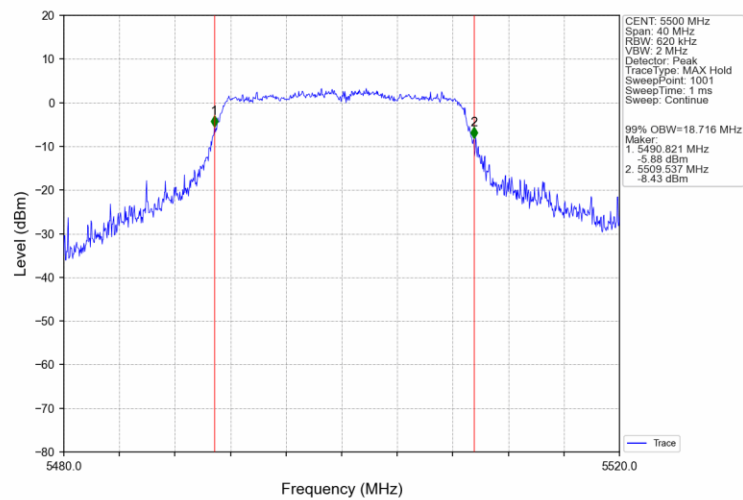
802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



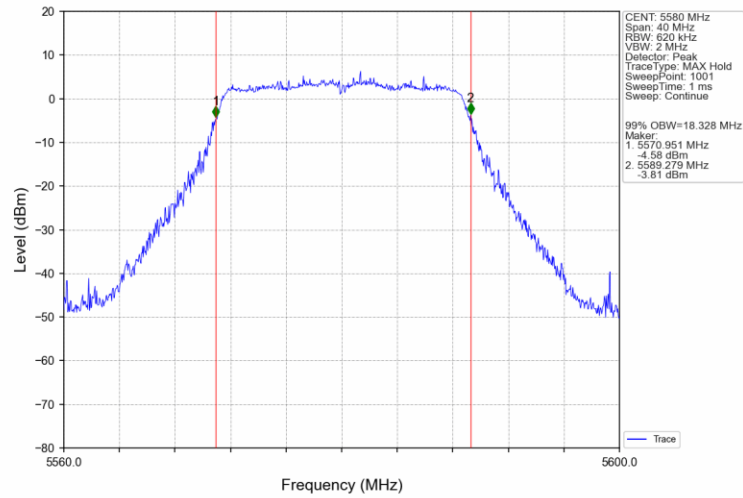
802.11n(HT20)_HCH_5320MHz_Ant2_NTNV



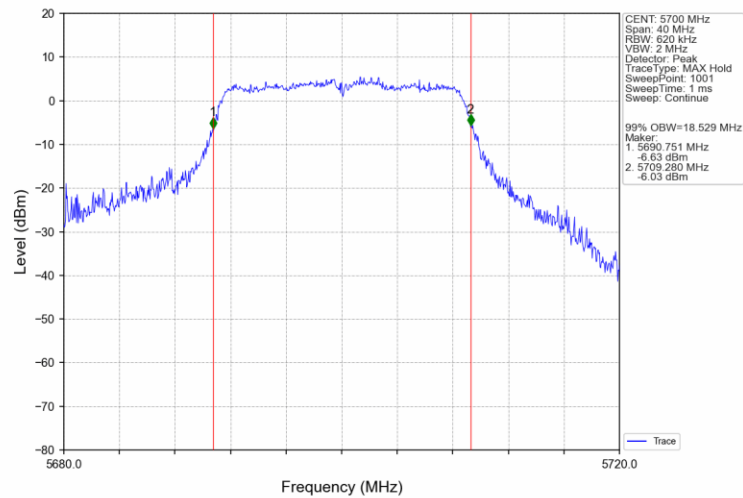
802.11n(HT20)_LCH_5500MHz_Ant2_NTNV



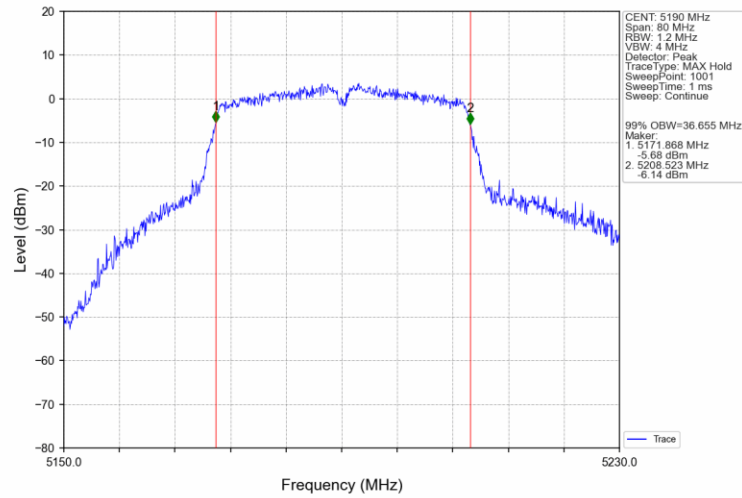
802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



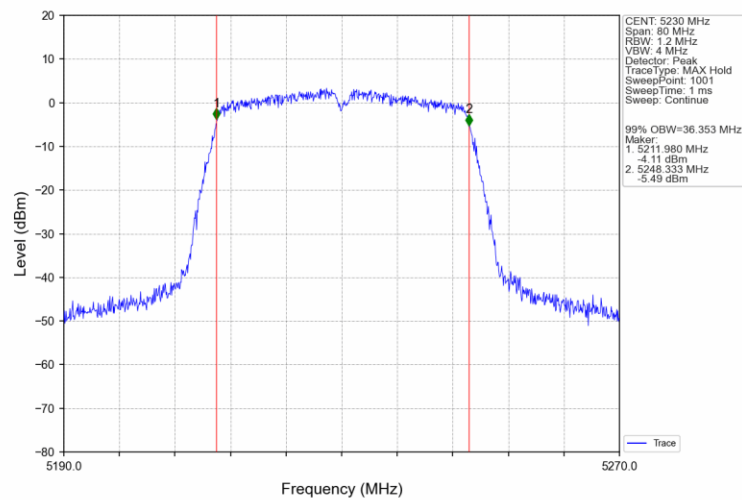
802.11n(HT20)_HCH_5700MHz_Ant2_NTNV



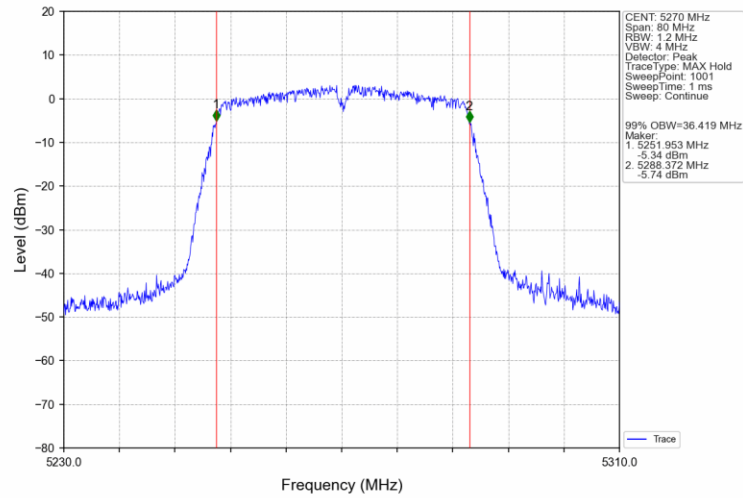
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



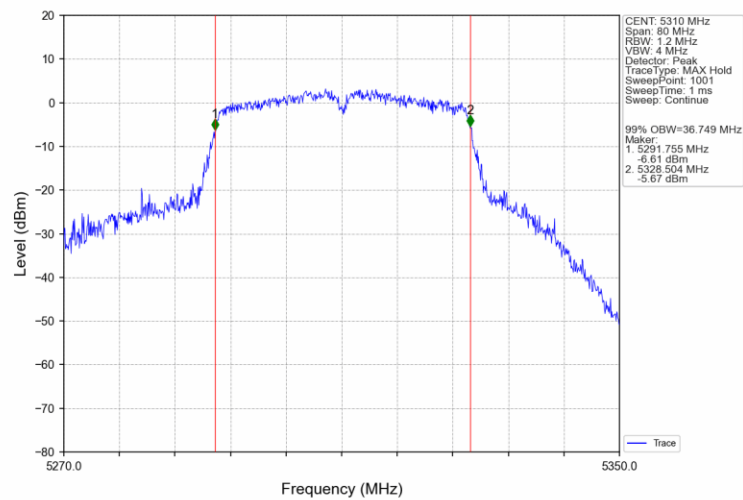
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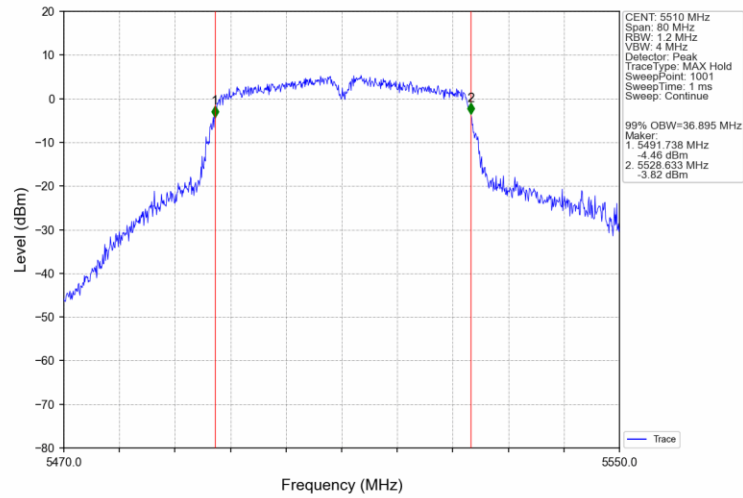
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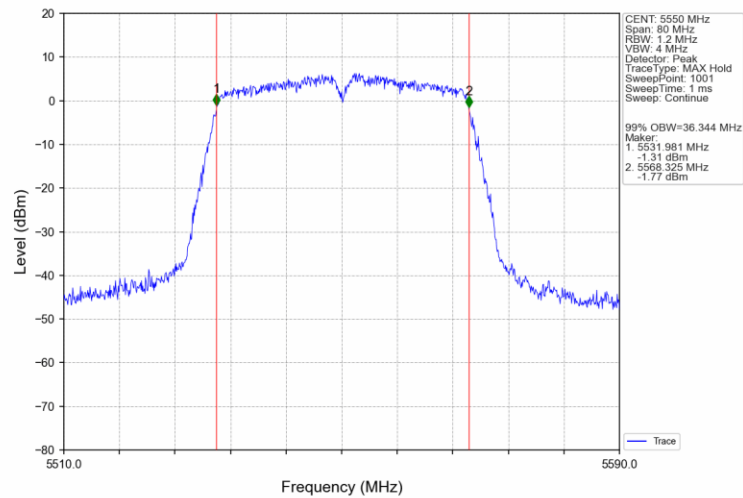
802.11n(HT40)_HCH_5310MHz_Ant2_NTNV



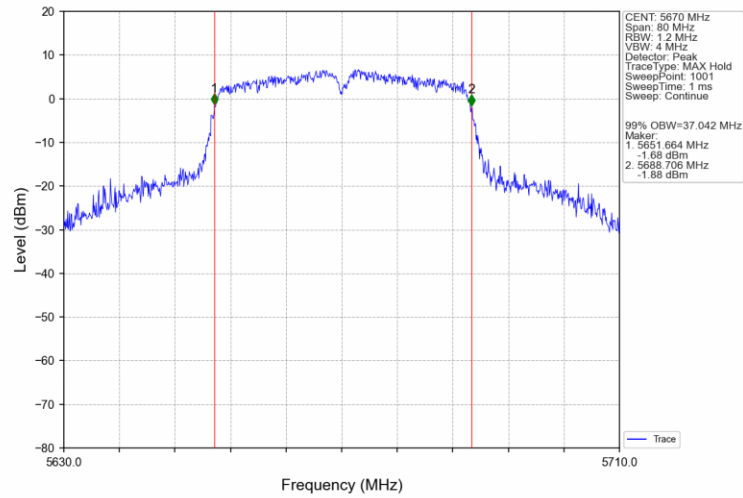
802.11n(HT40)_LCH_5510MHz_Ant2_NTNV



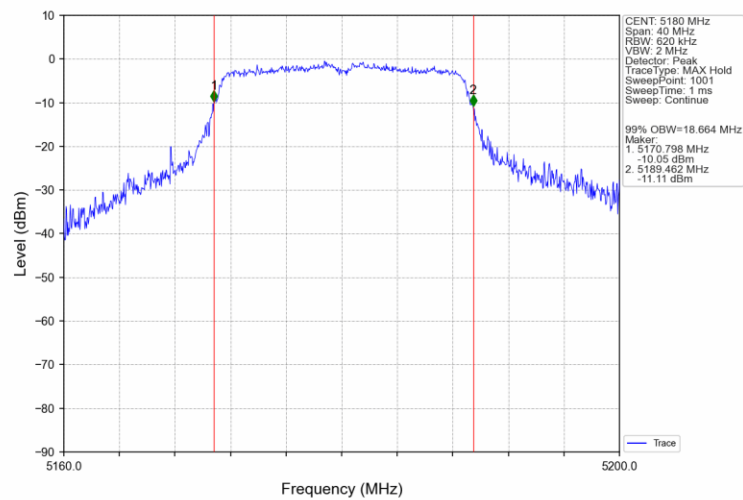
802.11n(HT40)_MCH_5550MHz_Ant2_NTNV



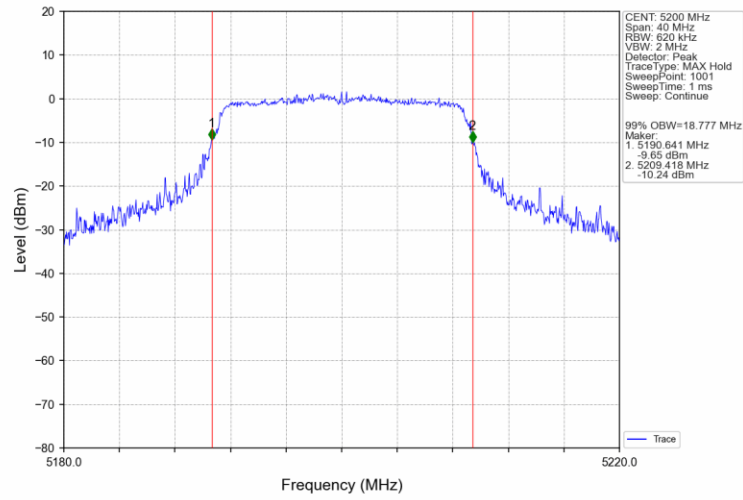
802.11n(HT40)_HCH_5670MHz_Ant2_NTNV



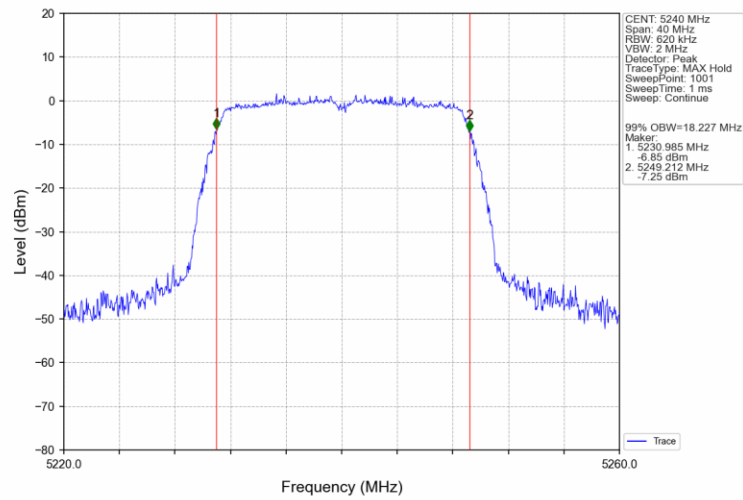
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



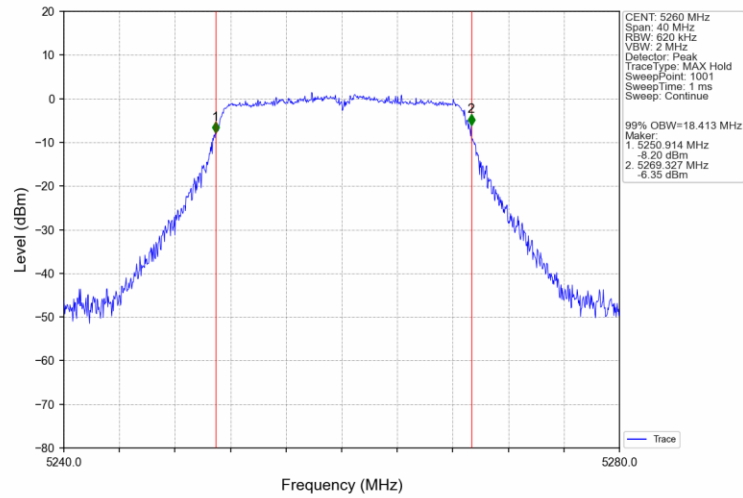
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



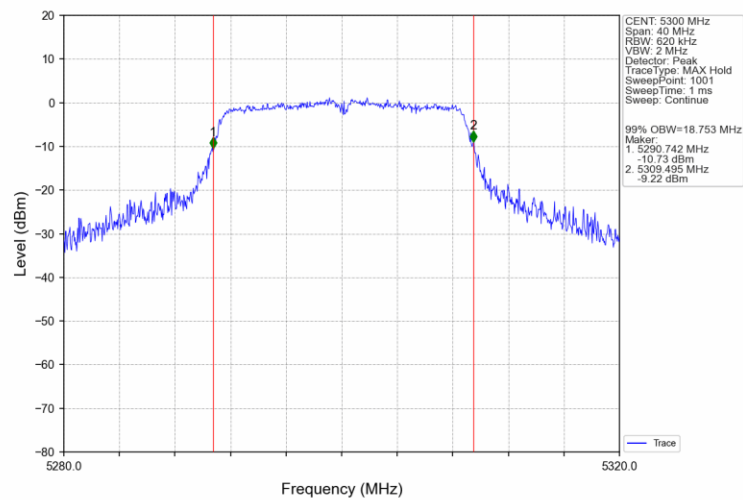
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



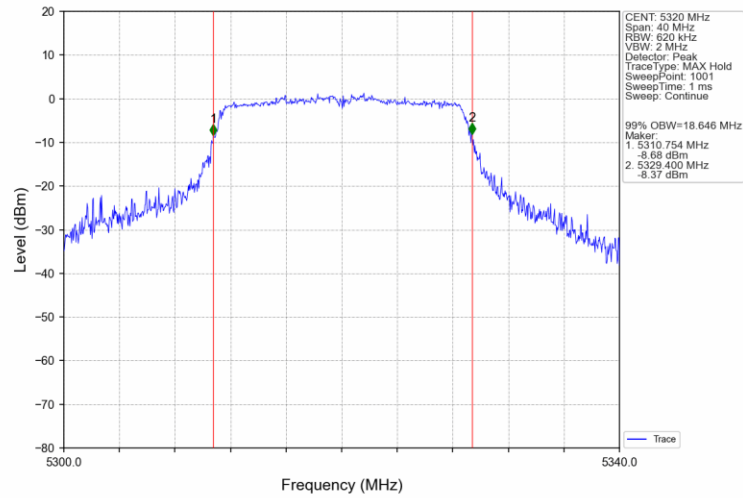
802.11ac(VHT20)_LCH_5260MHz_Ant2_NTNV



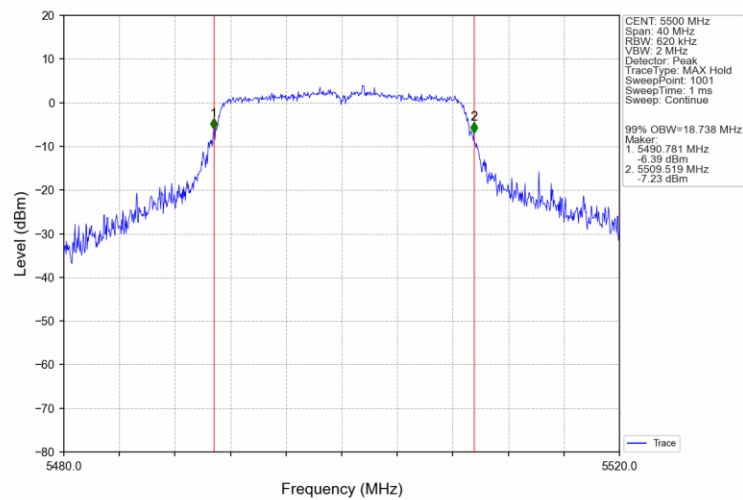
802.11ac(VHT20)_MCH_5300MHz_Ant2_NTNV



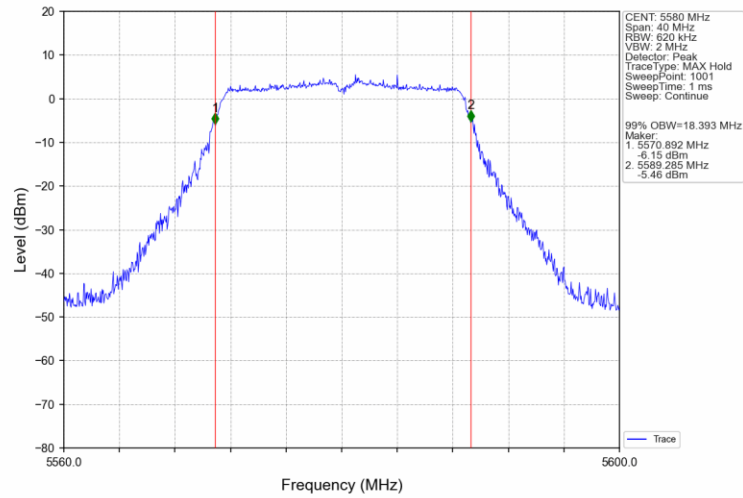
802.11ac(VHT20)_HCH_5320MHz_Ant2_NTNV



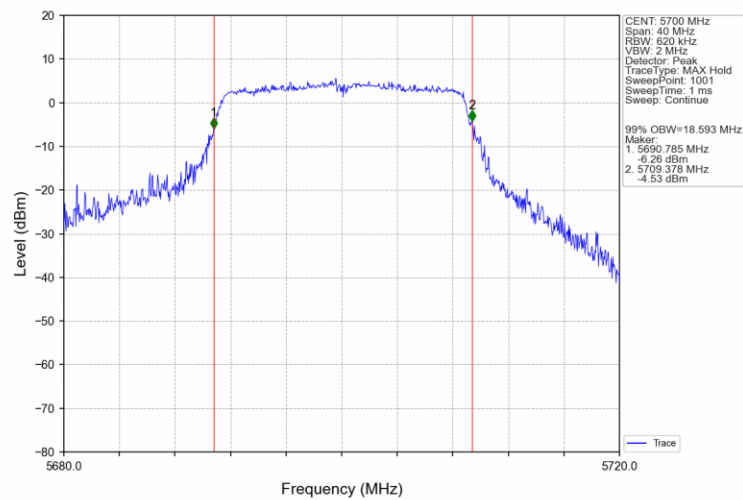
802.11ac(VHT20)_LCH_5500MHz_Ant2_NTNV



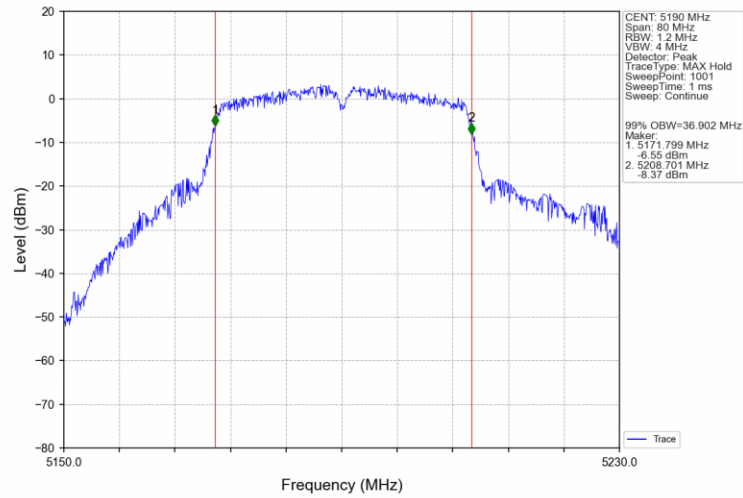
802.11ac(VHT20)_MCH_5580MHz_Ant2_NTNV



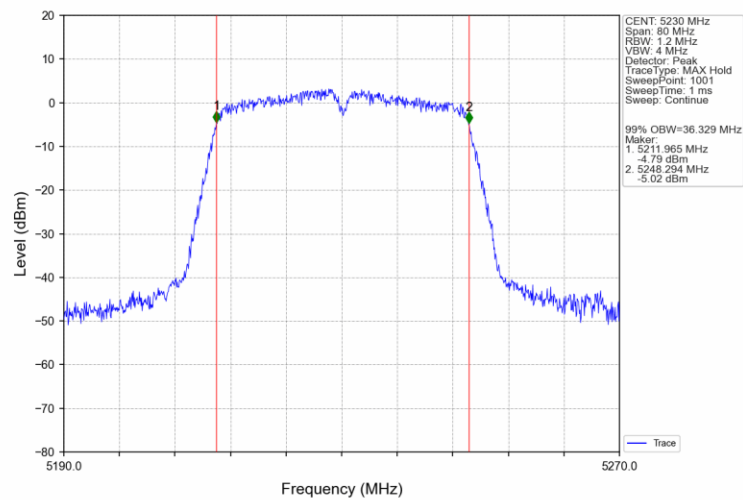
802.11ac(VHT20)_HCH_5700MHz_Ant2_NTNV



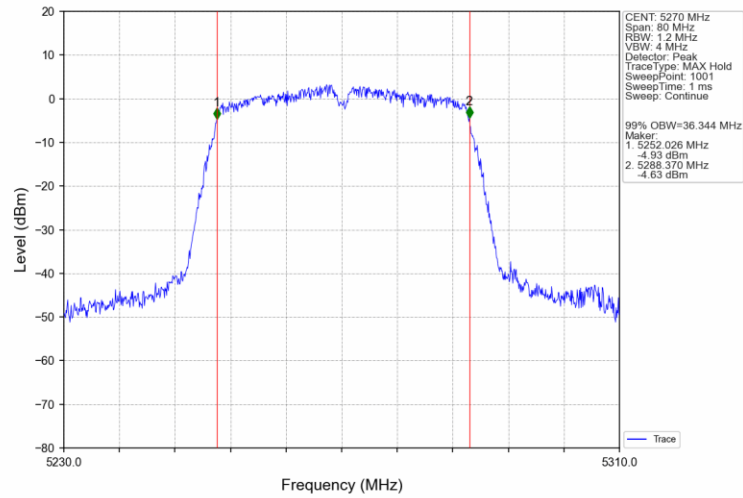
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



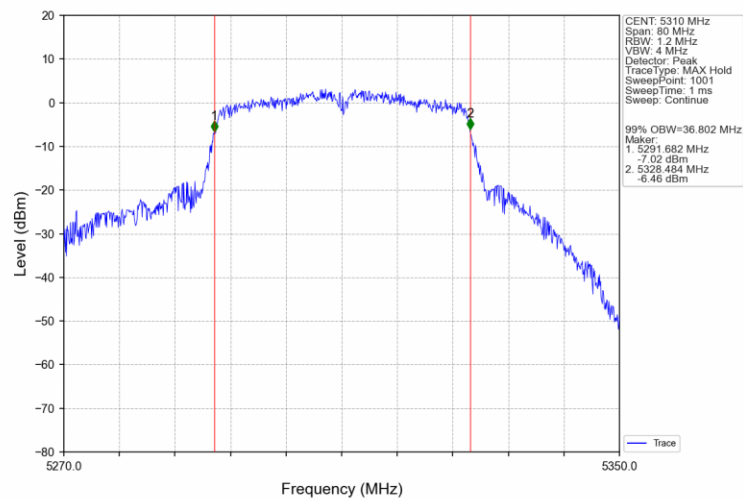
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



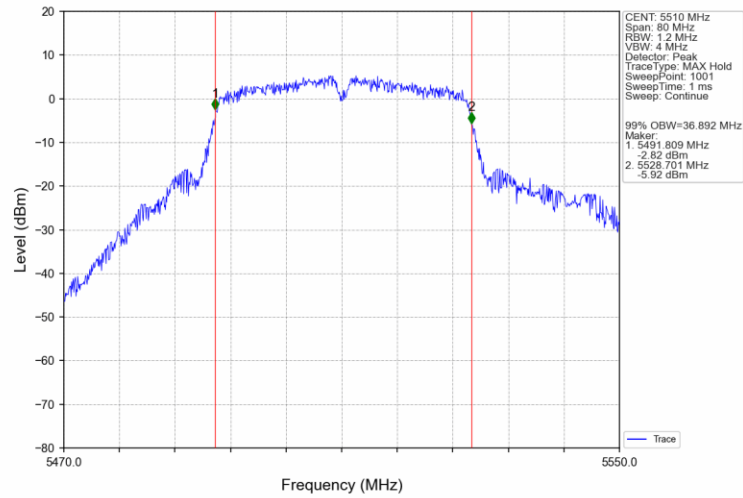
802.11ac(VHT40)_LCH_5270MHz_Ant2_NTNV



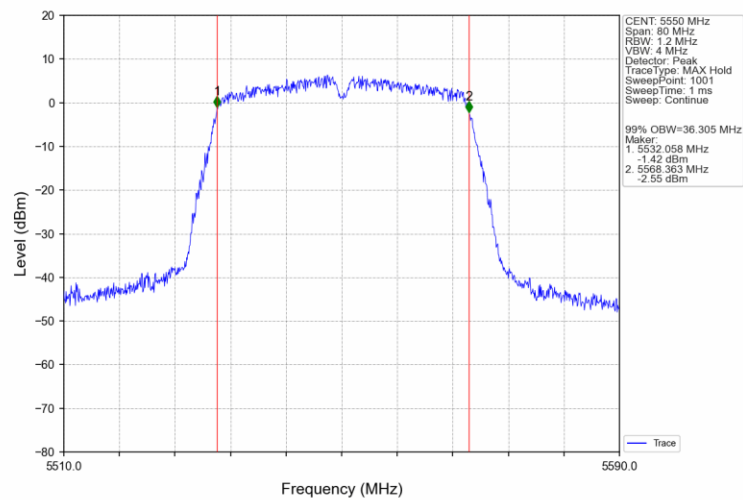
802.11ac(VHT40) HCH 5310MHz Ant2_NTNV



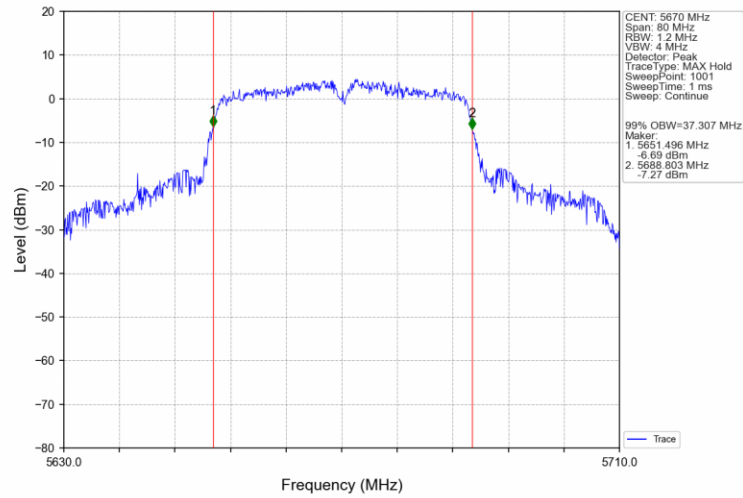
802.11ac(VHT40)_LCH_5510MHz_Ant2_NTNV



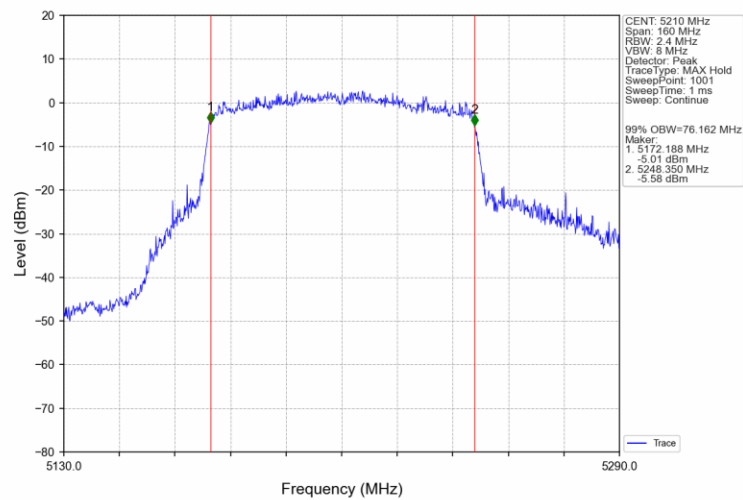
802.11ac(VHT40) MCH 5550MHz_Ant2_NTNV



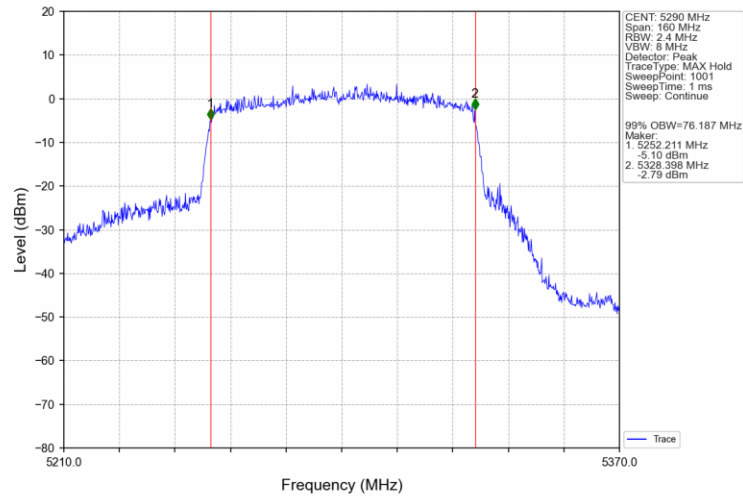
802.11ac(VHT40)_HCH_5670MHz_Ant2_NTNV



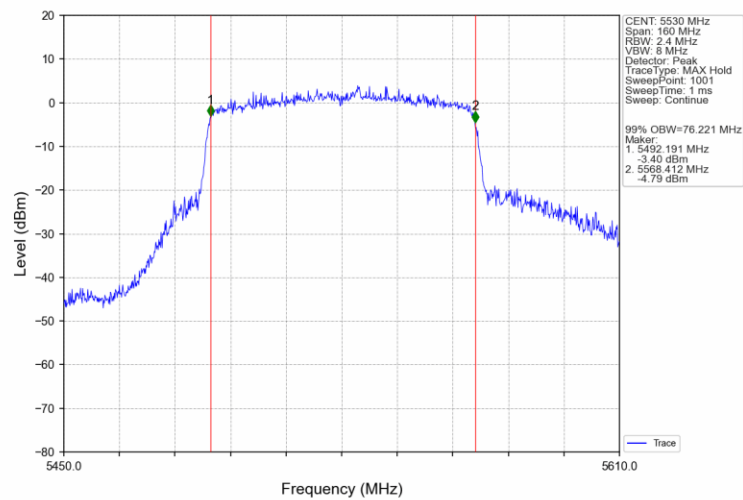
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



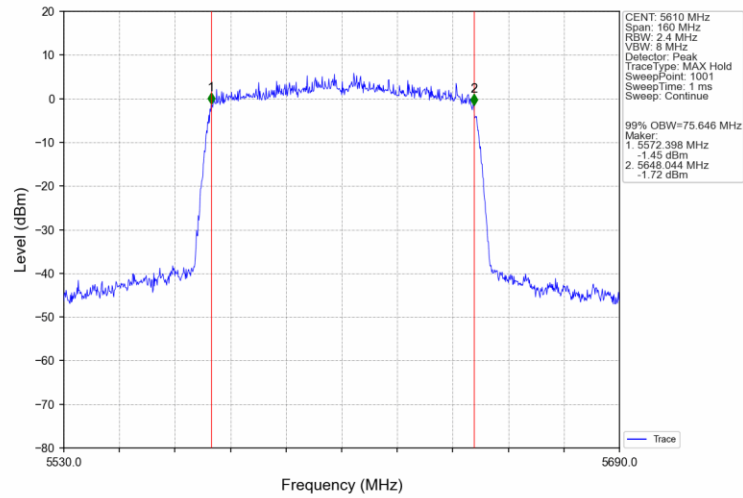
802.11ac(VHT80)_MCH_5290MHz_Ant2_NTNV



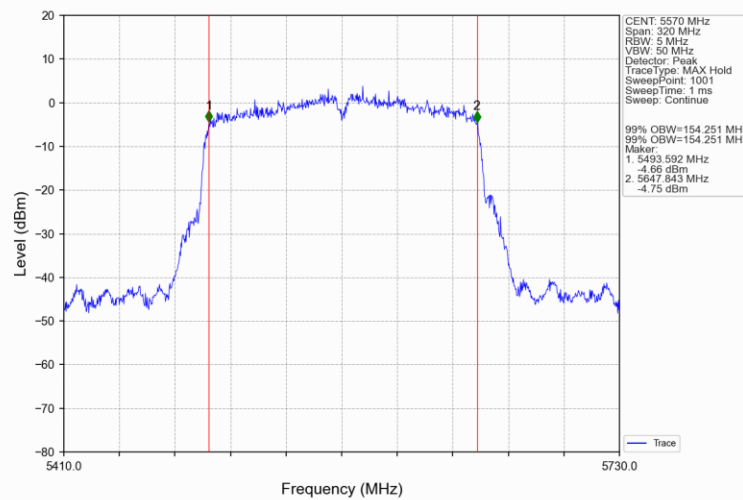
802.11ac(VHT80)_LCH_5530MHz_Ant2_NTNV



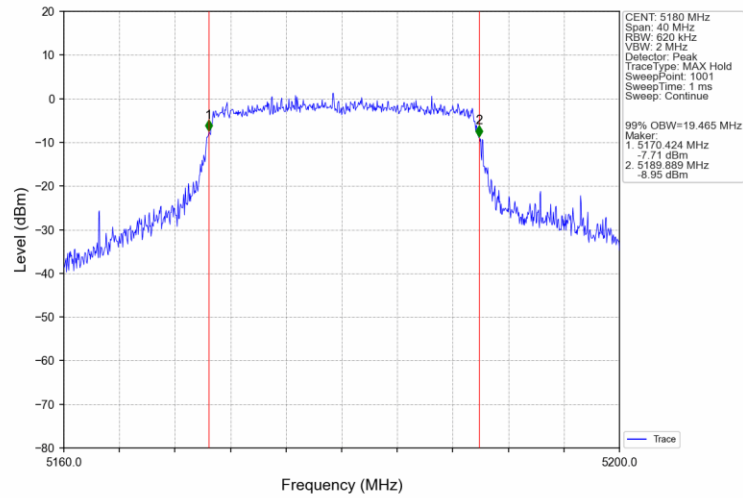
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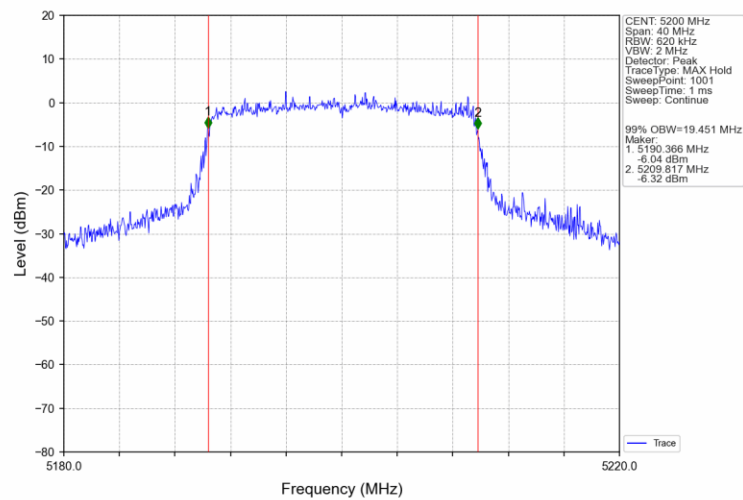
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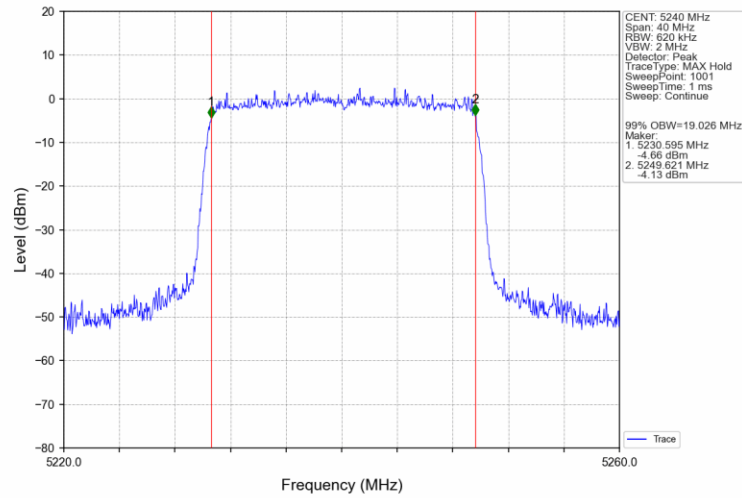
802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant2_NTNV



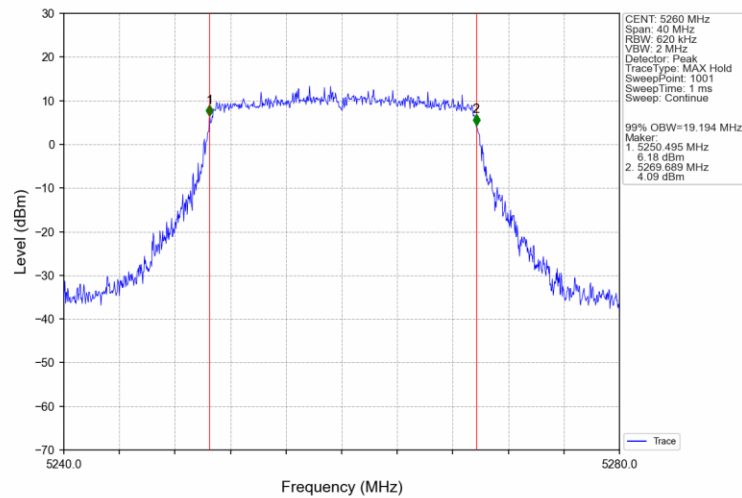
802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant2_NTNV



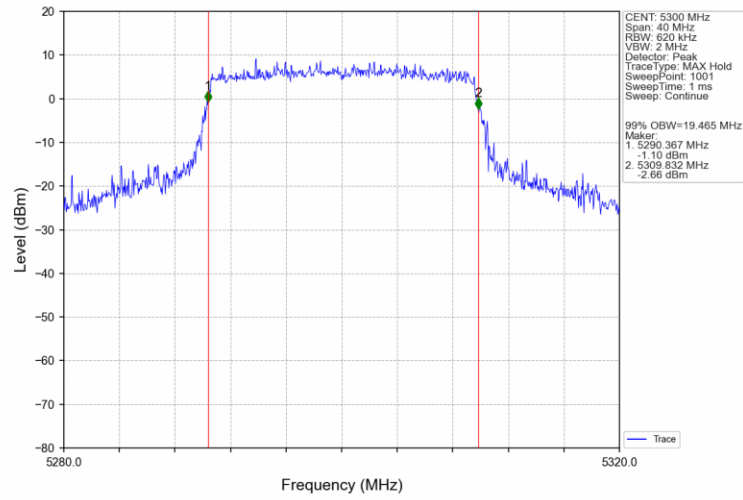
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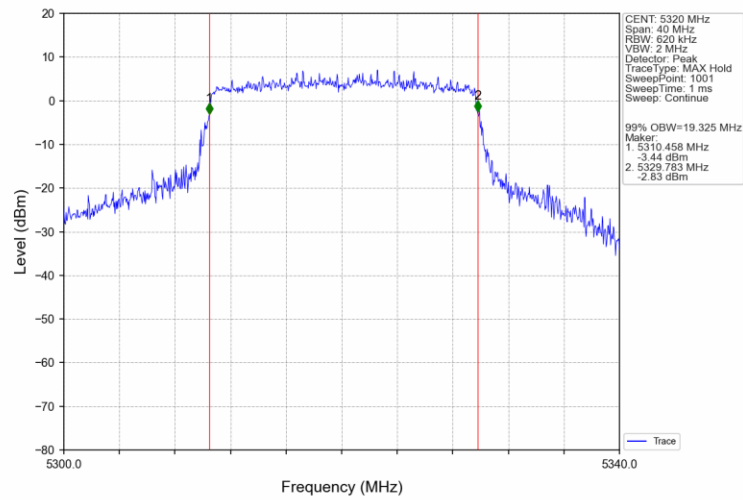
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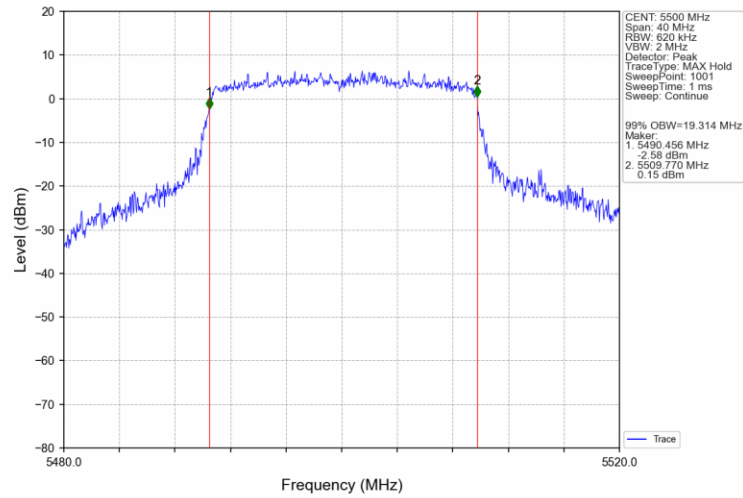
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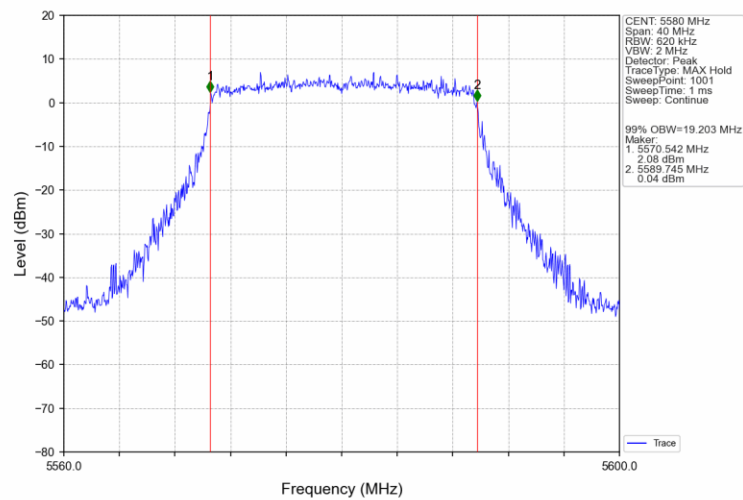
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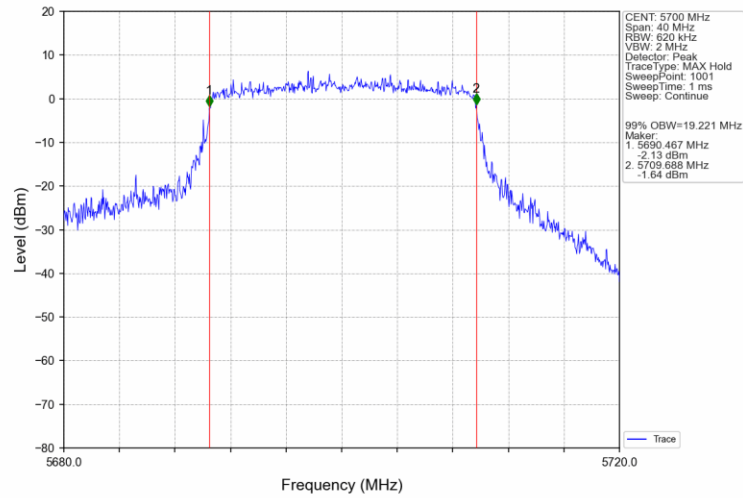
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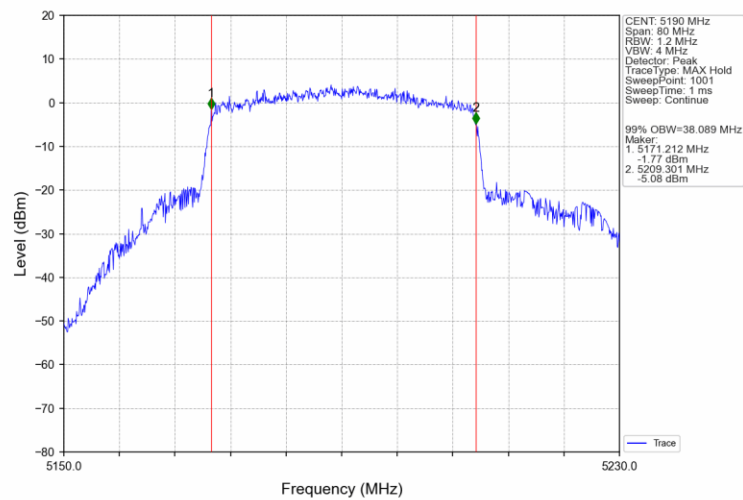
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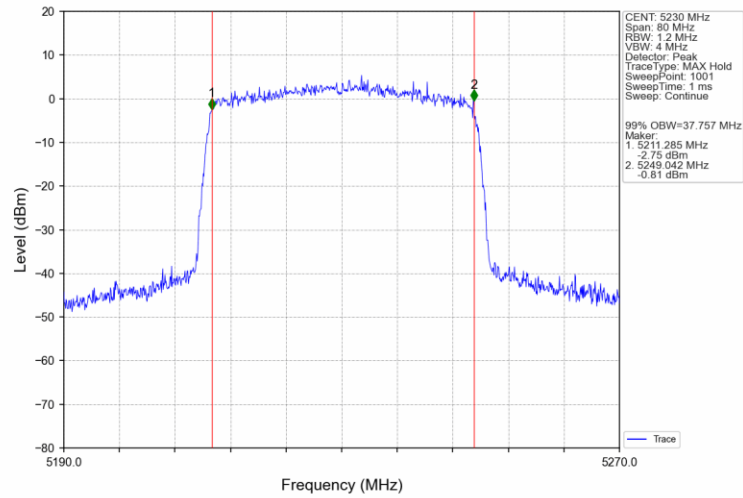
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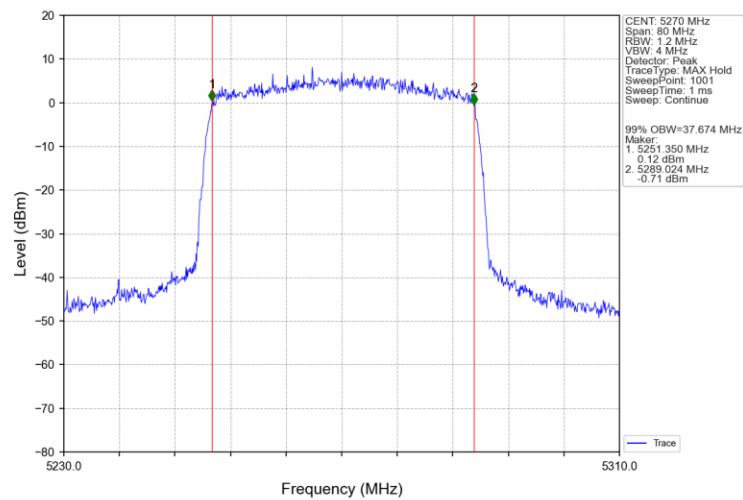
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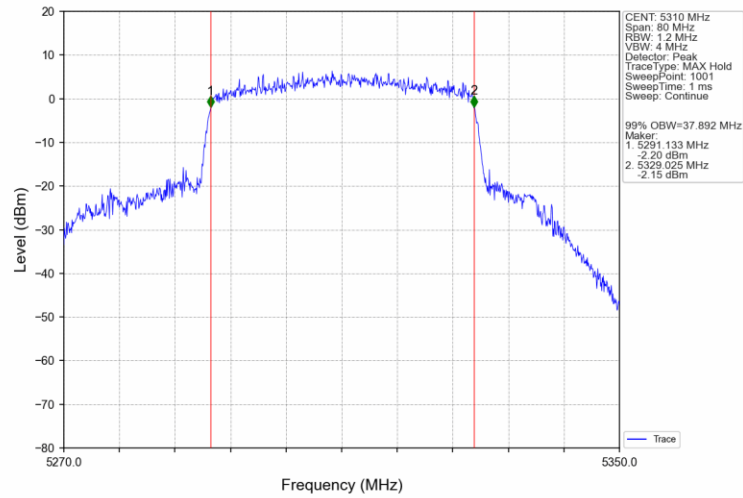
802.11ax(HEW40)_HCH_5230MHz_SU / _Ant2_NTNV



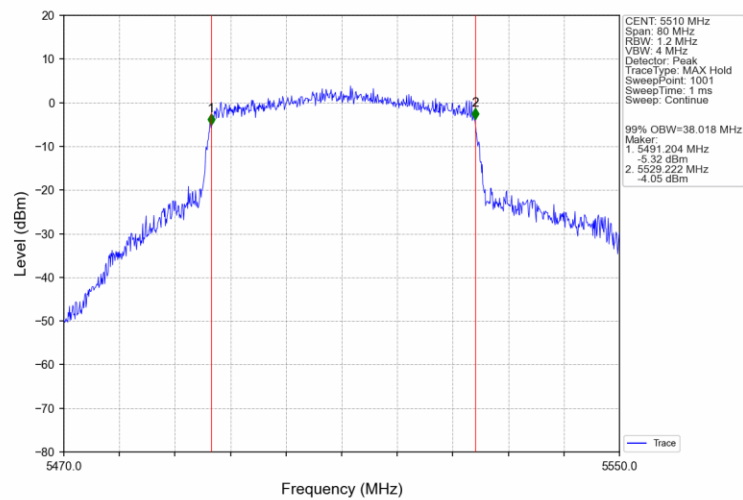
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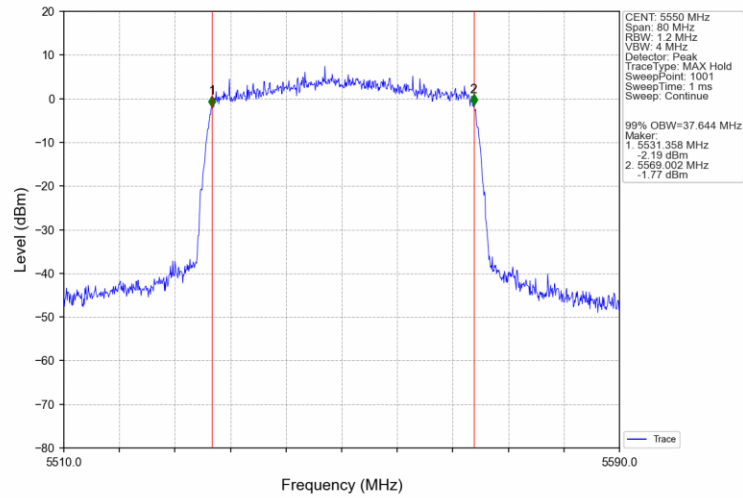
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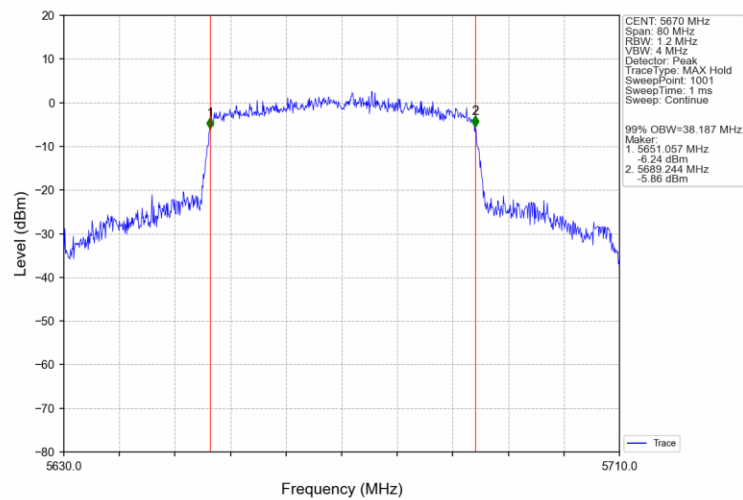
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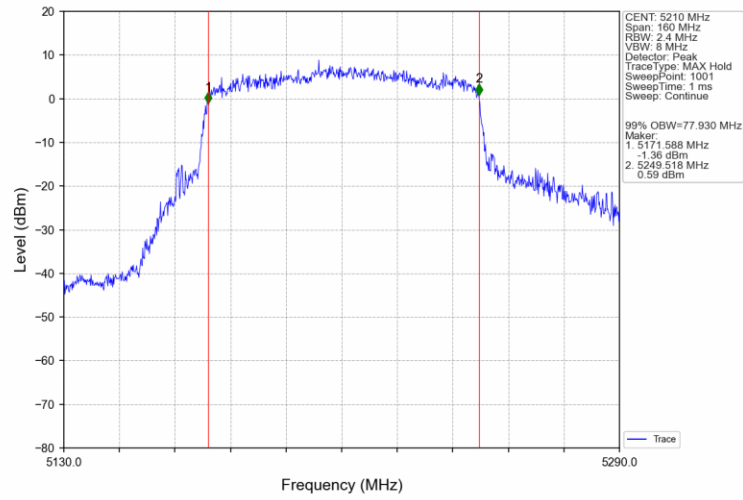
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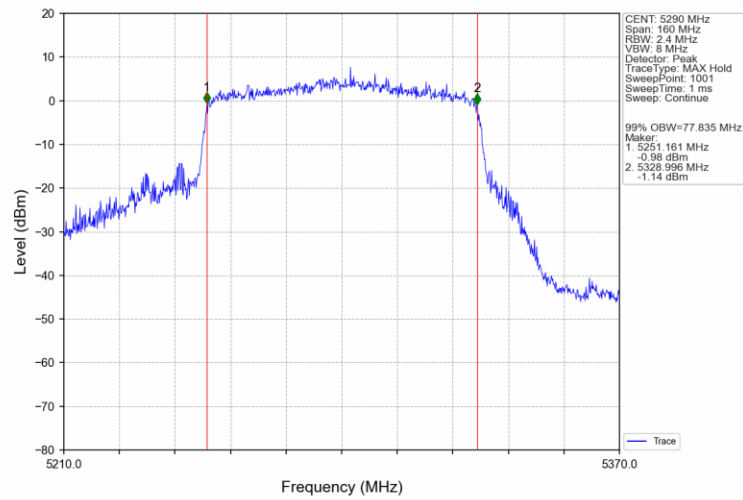
802.11ax(HEW40)_HCH_5670MHz_SU_/_Ant2_NTNV



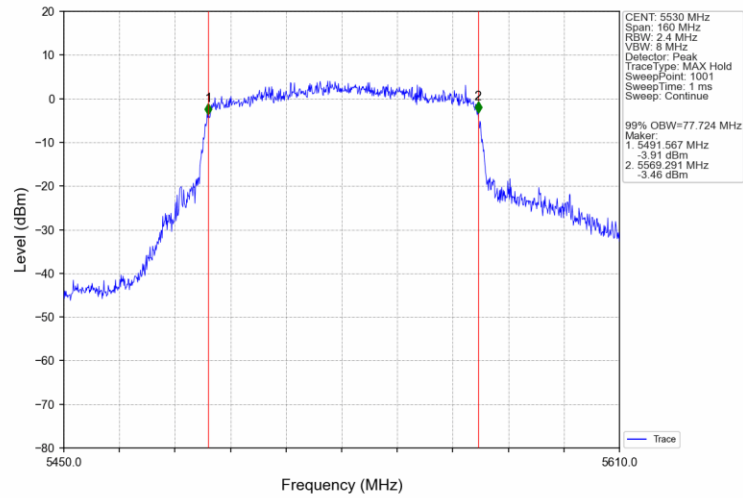
802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant2_NTNV



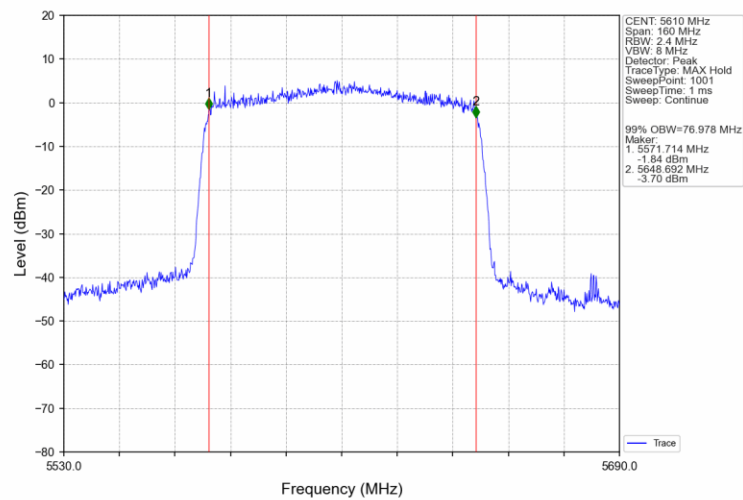
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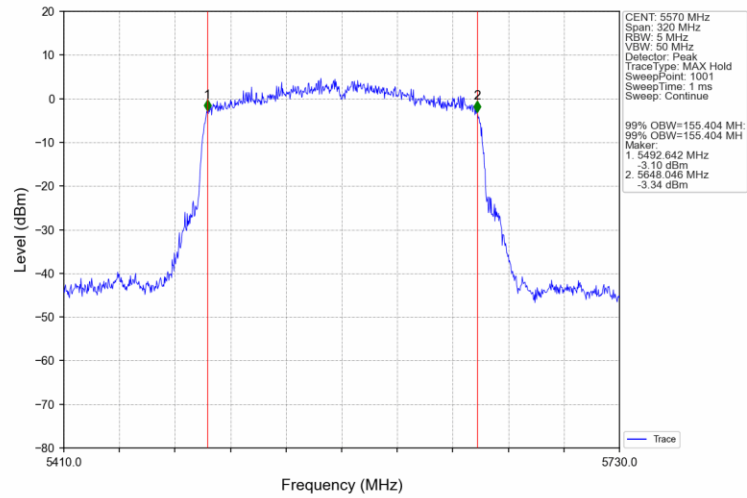
802.11ax(HEW80)_LCH_5530MHz_SU / _Ant2_NTNV



802.11ax(HEW80)_HCH_5610MHz_SU / _Ant2_NTNV

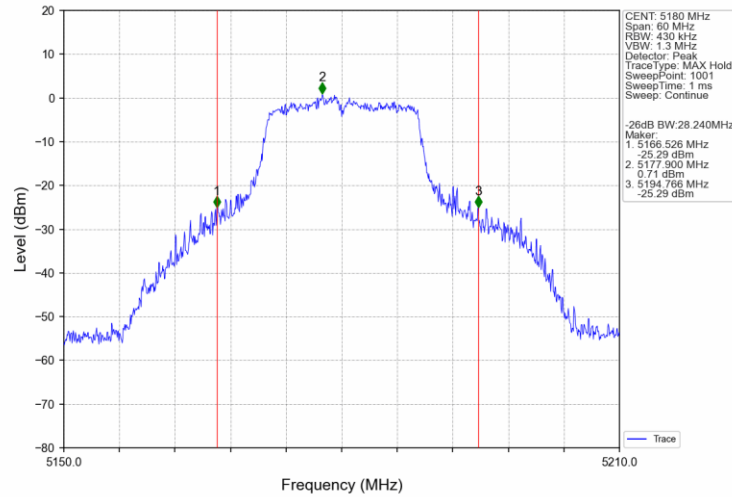


802.11ax(HEW160)_MCH_5570MHz_SU_/_Ant2_NTNV

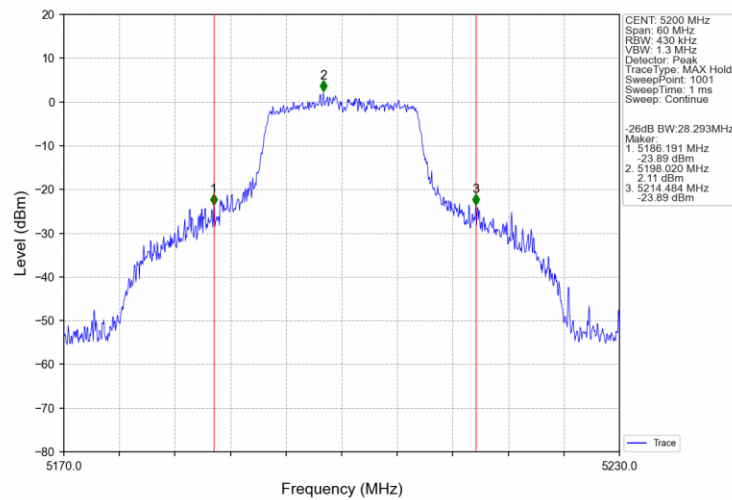


2.2.2 26dB BW

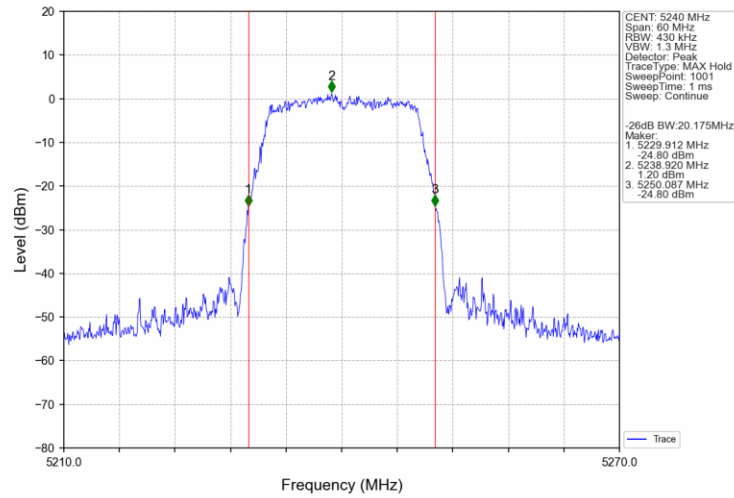
802.11a_LCH_5180MHz_Ant2_NTNV



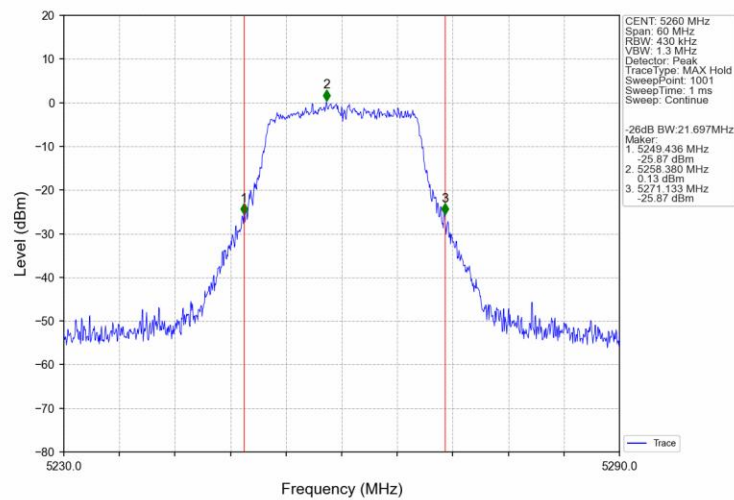
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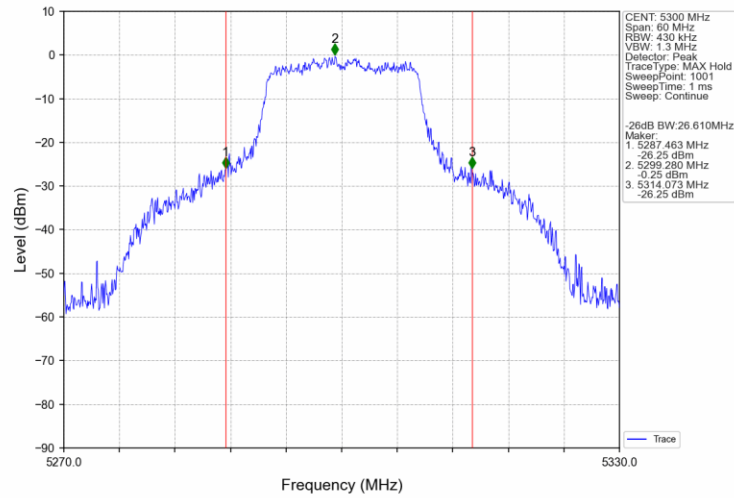
802.11a_HCH_5240MHz_Ant2_NTNV



802.11a_LCH_5260MHz_Ant2_NTNV



802.11a_MCH_5300MHz_Ant2_NTNV



802.11a_HCH_5320MHz_Ant2_NTNV

