

Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

Report No.: KSCR231100201304

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2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	17.399	/	Pass
		5200	1	17.362	/	Pass
		5240	1	17.323	/	Pass
		5260	1	17.306	/	Pass
		5300	1	17.333	/	Pass
		5320	1	17.365	/	Pass
		5500	1	17.410	/	Pass
		5580	1	17.364	/	Pass
		5700	1	17.414	/	Pass
		5745	1	17.312	/	Pass
		5785	1	17.405	/	Pass
		5825	1	17.337	/	Pass
802.11n (HT20)	SISO	5180	1	18.460	/	Pass
		5200	1	18.463	/	Pass
		5240	1	18.422	/	Pass
		5260	1	18.435	/	Pass
		5300	1	18.503	/	Pass
		5320	1	18.478	/	Pass
		5500	1	18.414	/	Pass
		5580	1	18.464	/	Pass
		5700	1	18.447	/	Pass
		5745	1	18.394	/	Pass
		5785	1	18.475	/	Pass
		5825	1	18.456	/	Pass
802.11n (HT40)	SISO	5190	1	36.647	/	Pass
		5230	1	36.520	/	Pass
		5270	1	36.653	/	Pass
		5310	1	36.614	/	Pass
		5510	1	36.528	/	Pass
		5550	1	36.583	/	Pass
		5670	1	36.551	/	Pass
		5755	1	36.550	/	Pass
		5795	1	36.650	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.495	/	Pass
		5200	1	18.461	/	Pass
		5240	1	18.479	/	Pass



Compliance Certification Services (Kunshan) Inc.

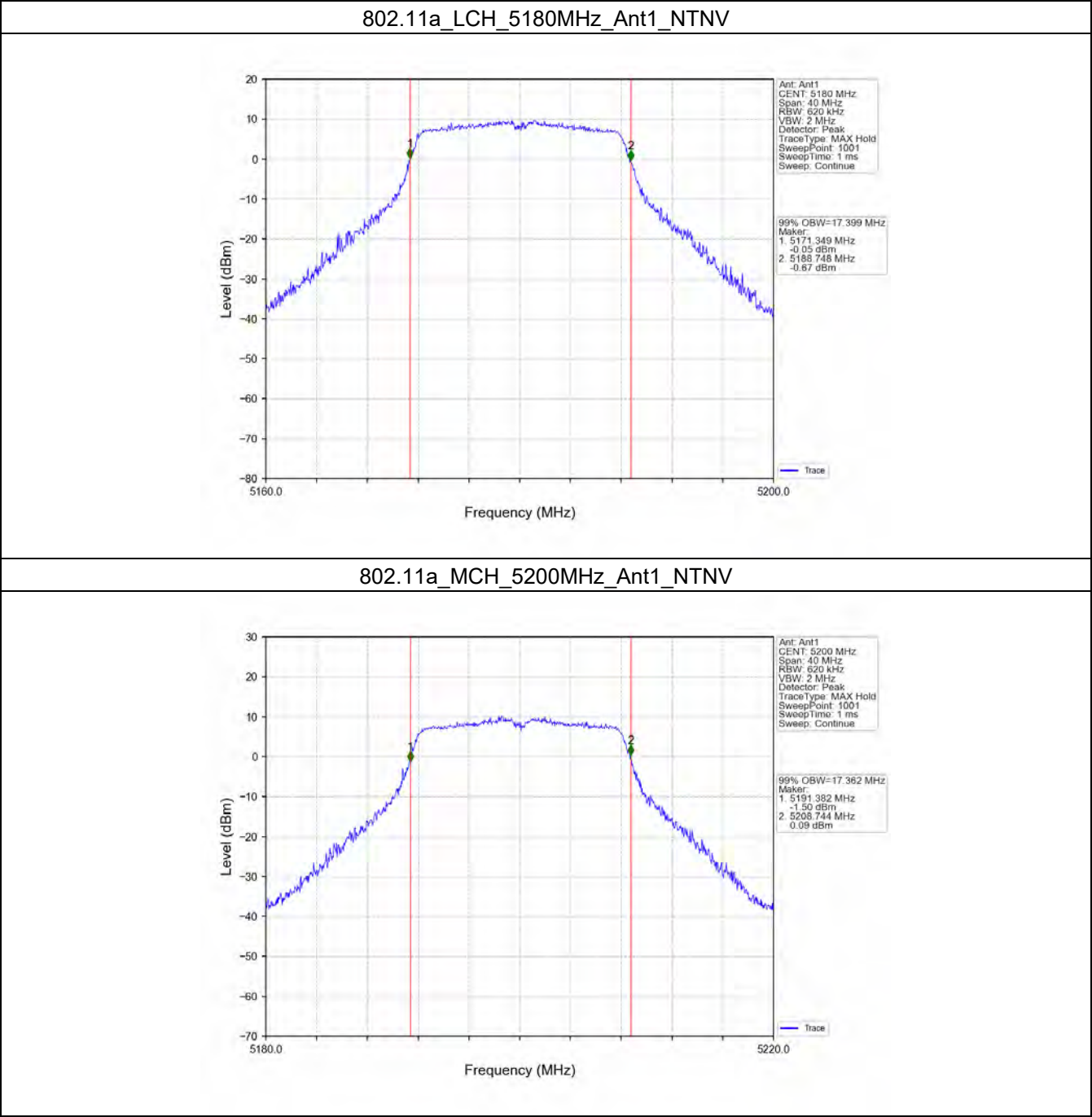
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		5260	1	18.452	/	Pass
		5300	1	18.514	/	Pass
		5320	1	18.421	/	Pass
		5500	1	18.426	/	Pass
		5580	1	18.399	/	Pass
		5700	1	18.388	/	Pass
		5745	1	18.452	/	Pass
		5785	1	18.464	/	Pass
		5825	1	18.396	/	Pass
802.11ac (VHT40)	SISO	5190	1	36.588	/	Pass
		5230	1	36.487	/	Pass
		5270	1	36.572	/	Pass
		5310	1	36.587	/	Pass
		5510	1	36.541	/	Pass
		5550	1	36.622	/	Pass
		5670	1	36.523	/	Pass
		5755	1	36.505	/	Pass
		5795	1	36.665	/	Pass
802.11ac (VHT80)	SISO	5210	1	76.348	/	Pass
		5290	1	76.208	/	Pass
		5530	1	76.312	/	Pass
		5610	1	76.429	/	Pass
		5775	1	76.187	/	Pass

2.1.2 Test Graph



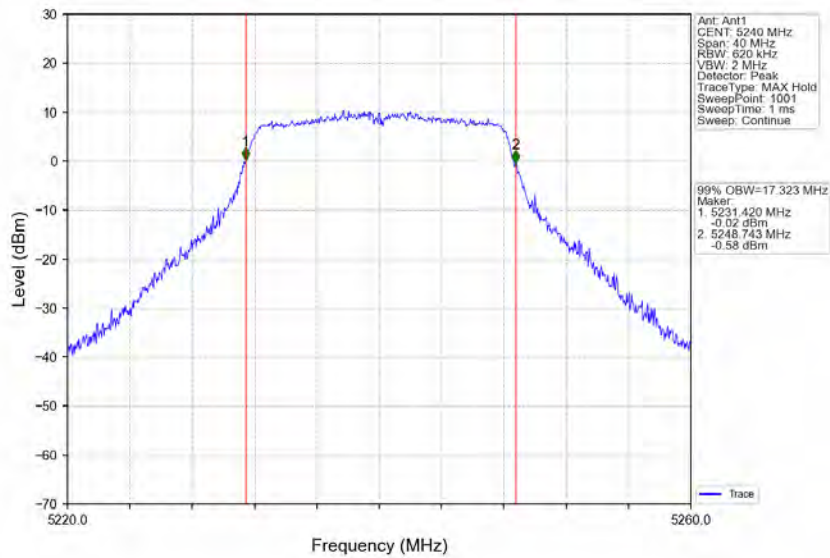
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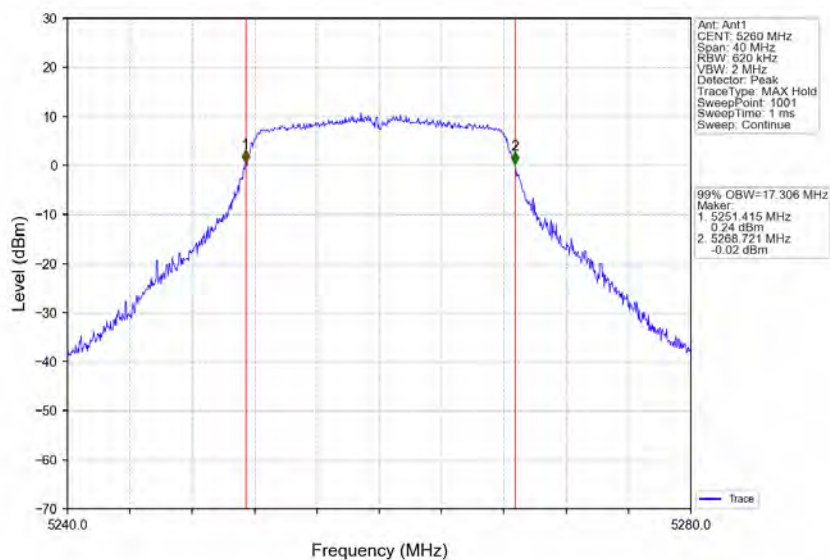
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



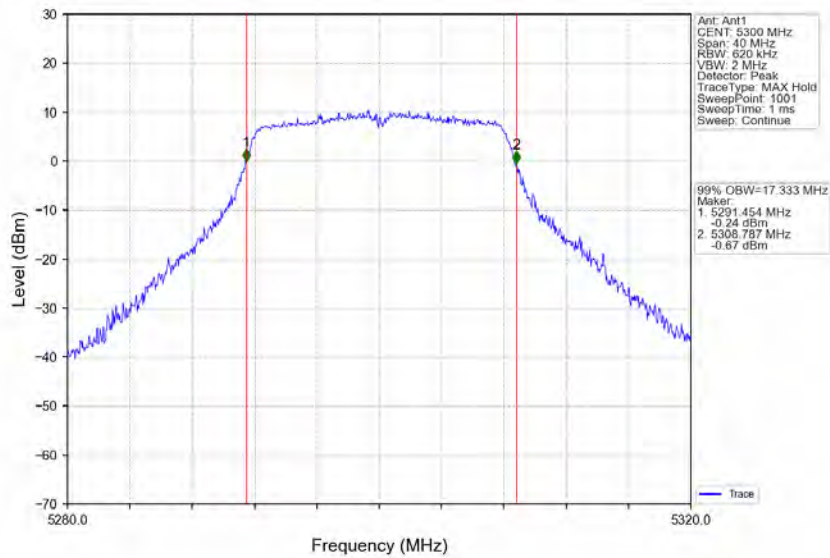
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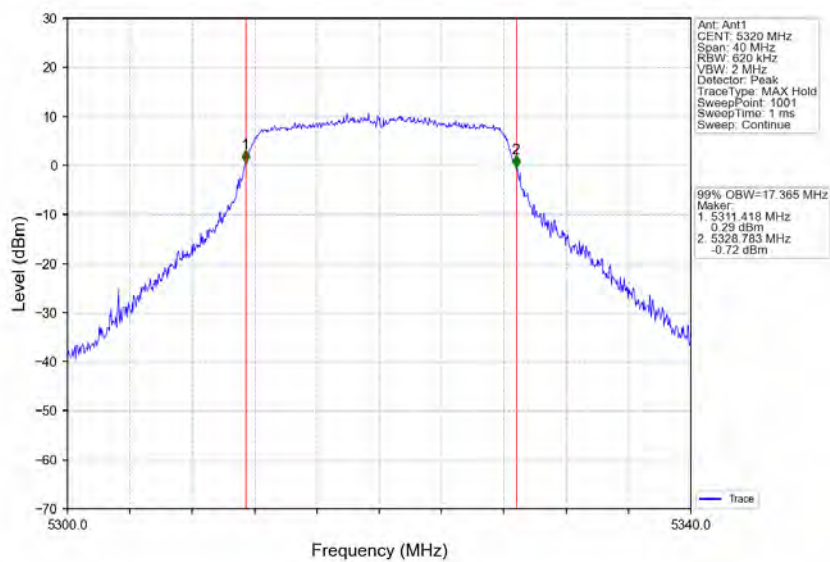
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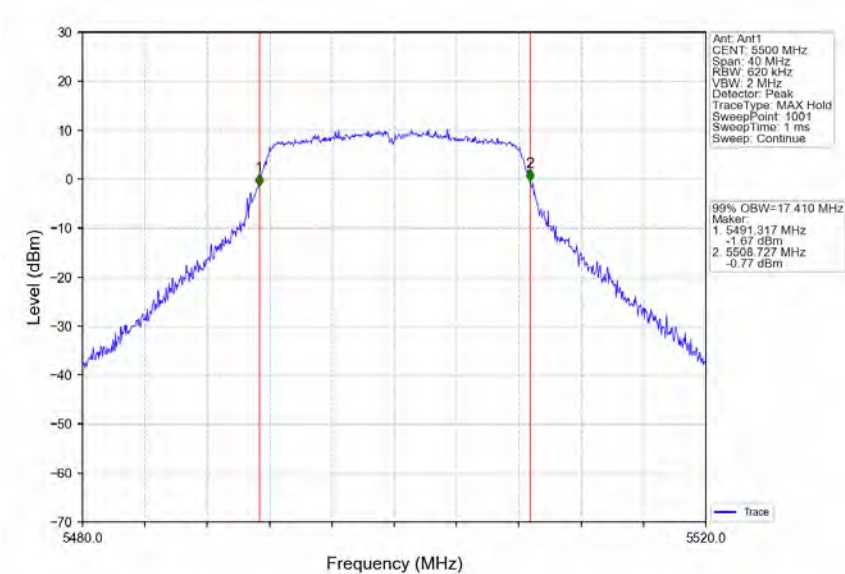
802.11a_MCH_5300MHz_Ant1_NTNV



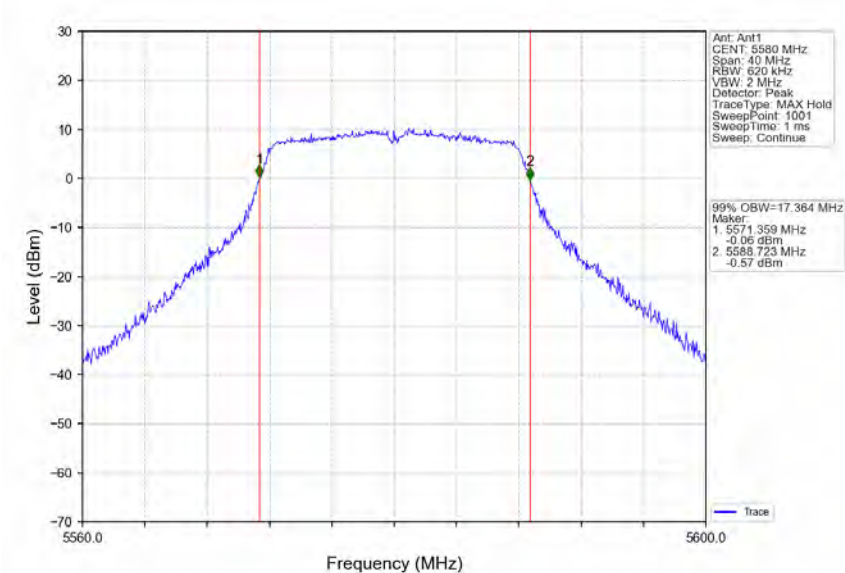
802.11a_HCH_5320MHz_Ant1_NTNV



802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



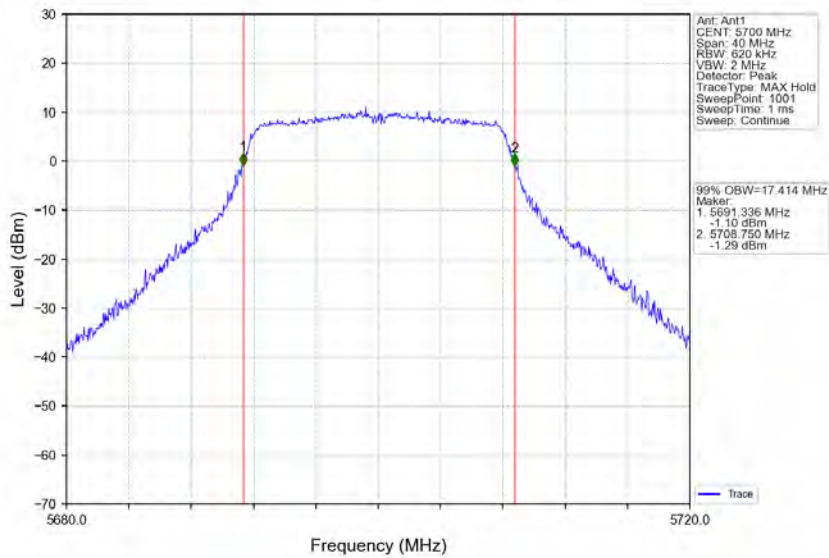
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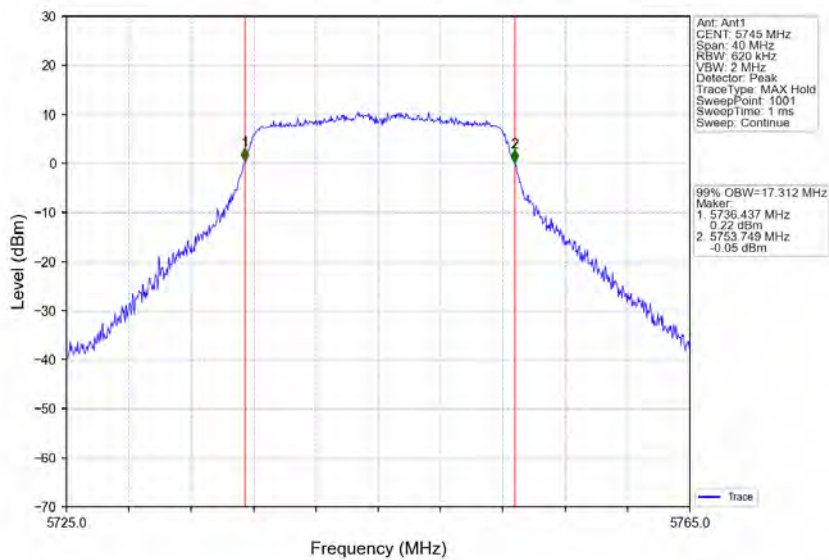
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11a_LCH_5745MHz_Ant1_NTNV



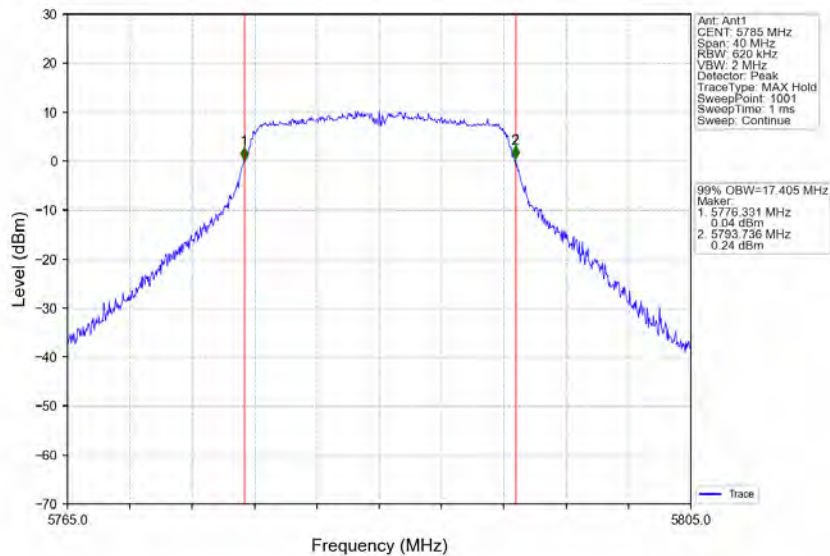
Compliance Certification Services (Kunshan) Inc.

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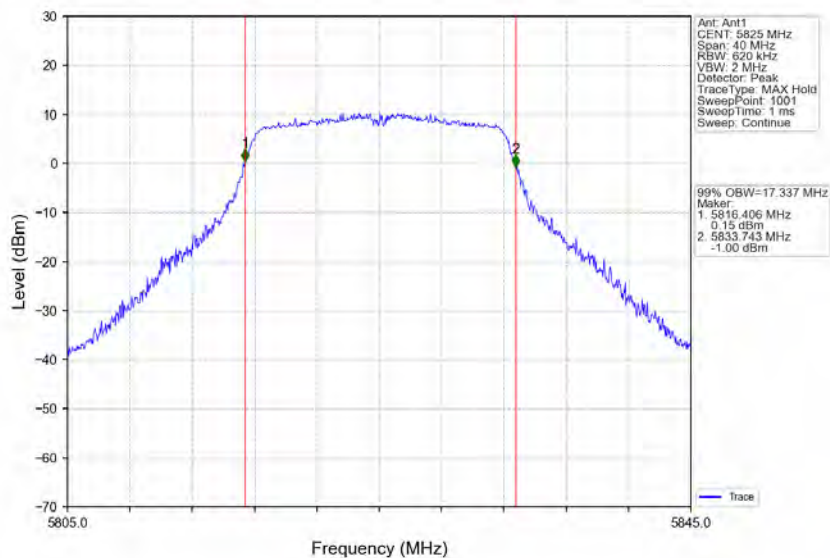
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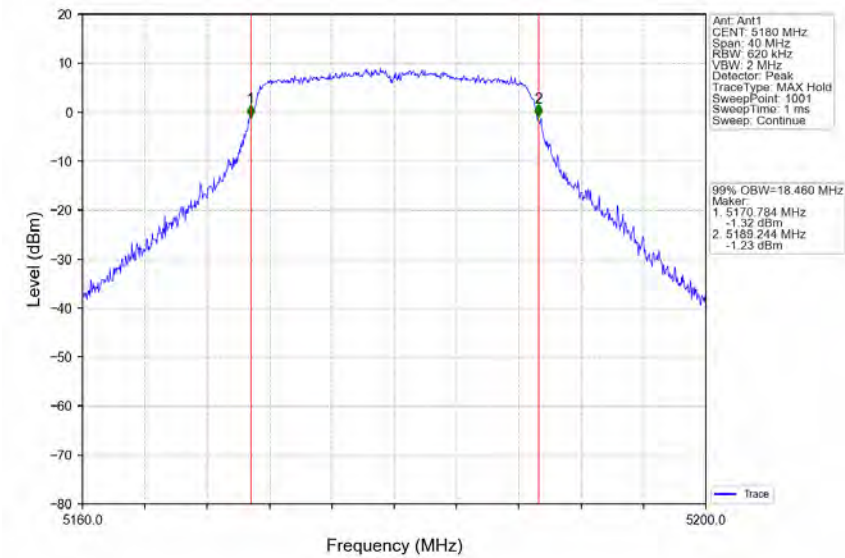
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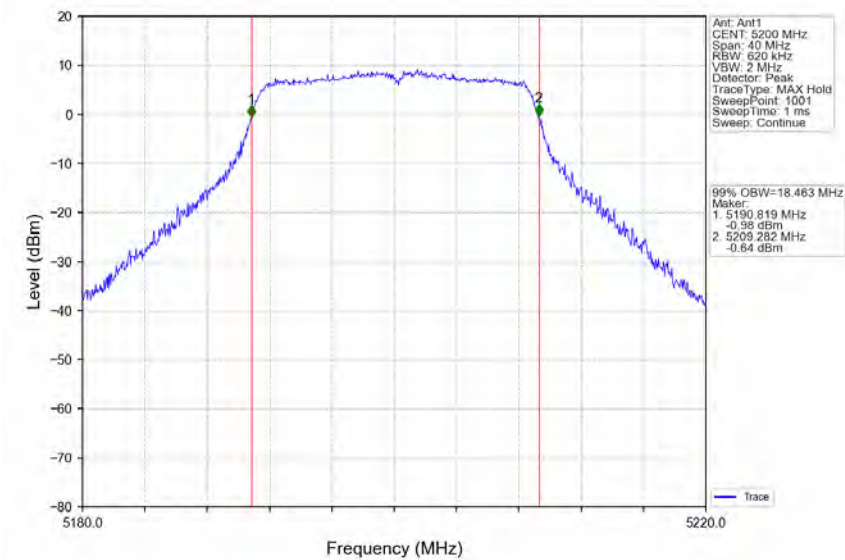
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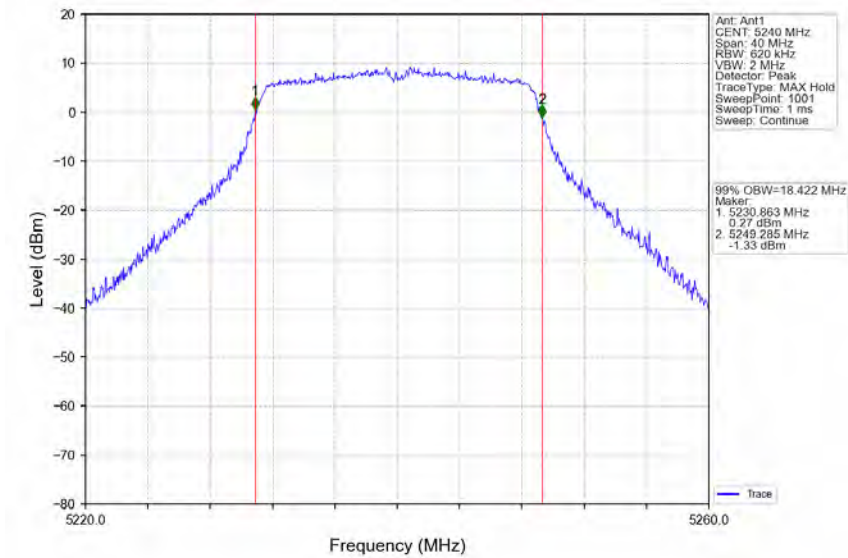
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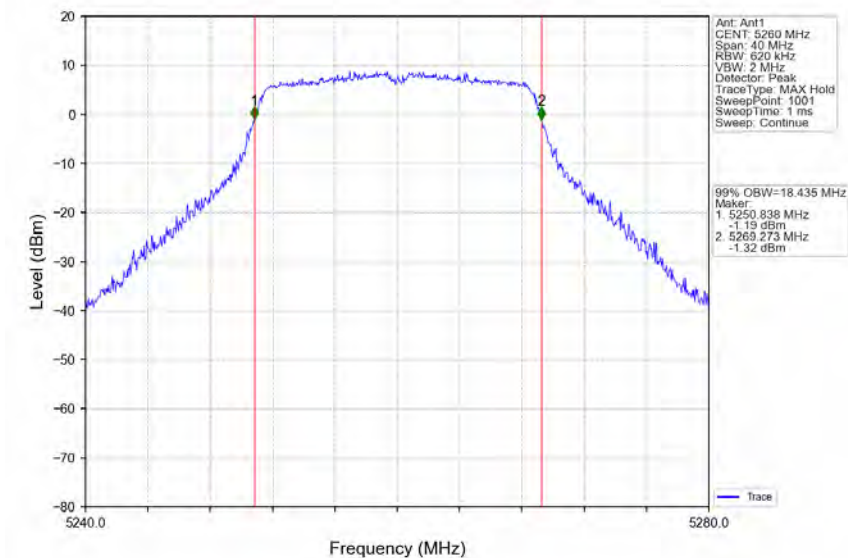
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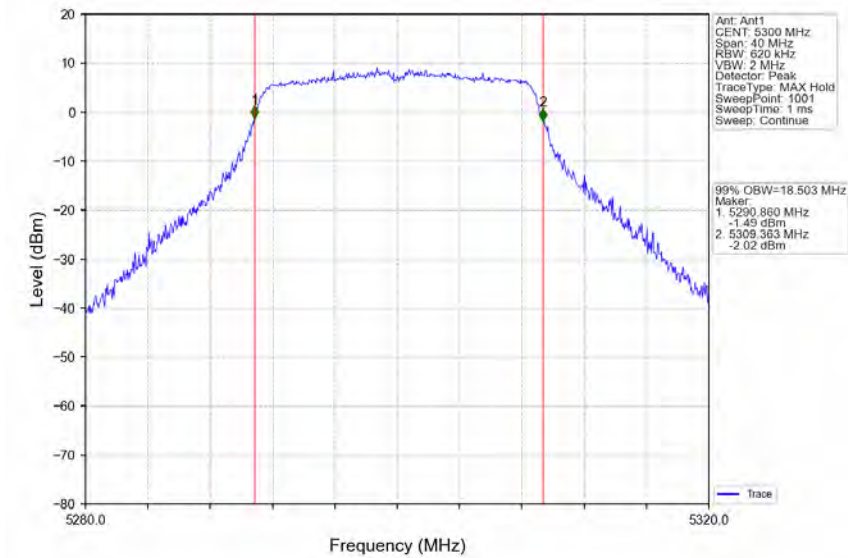
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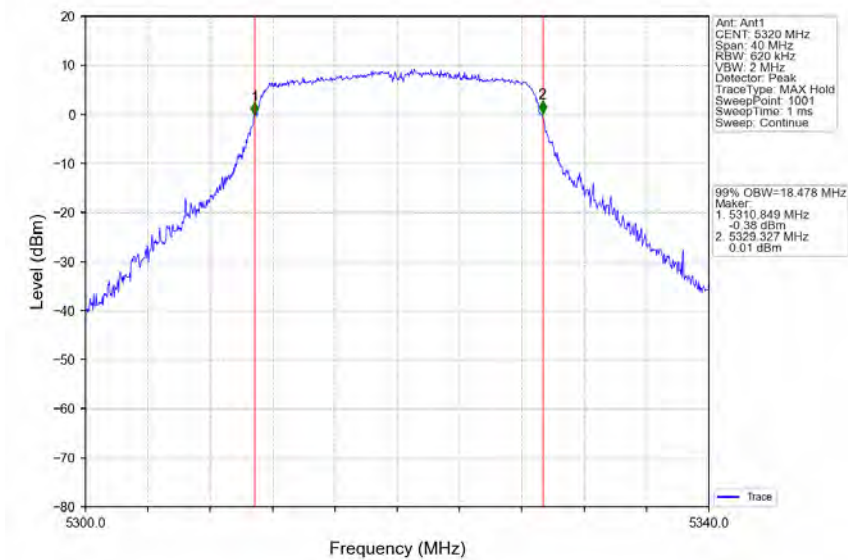
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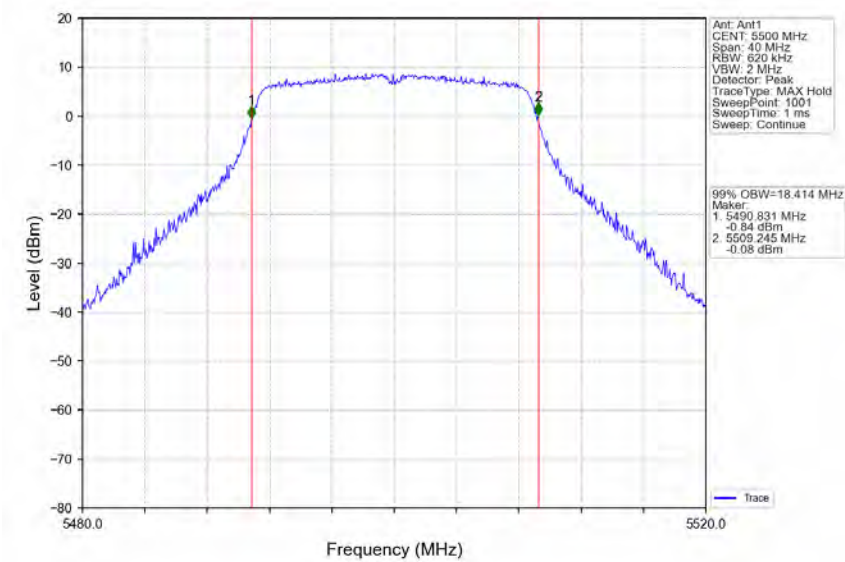
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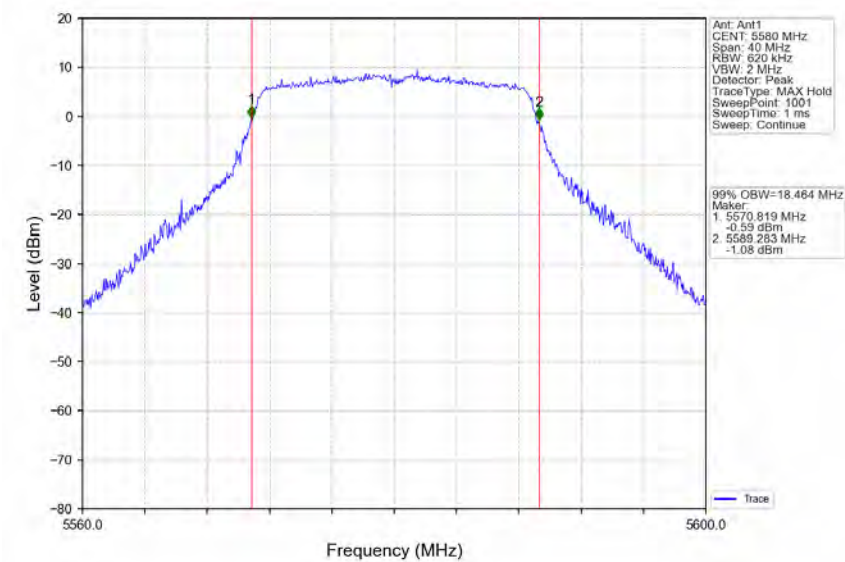
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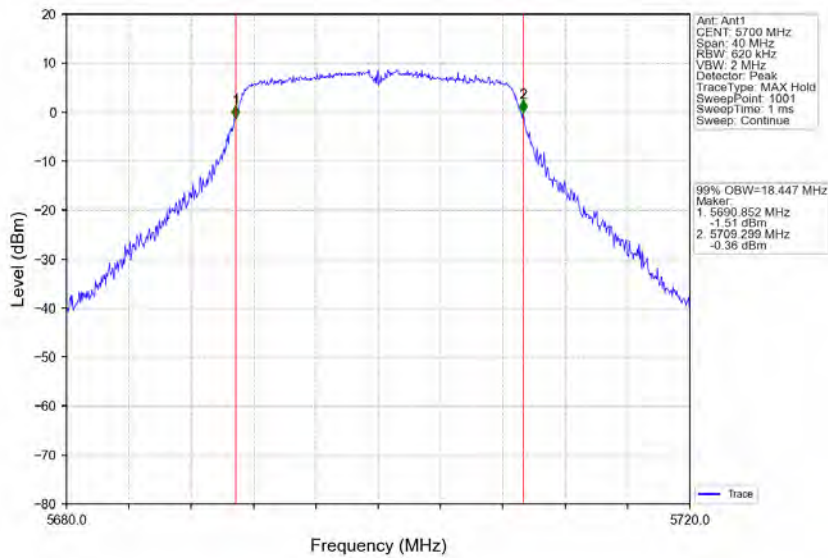
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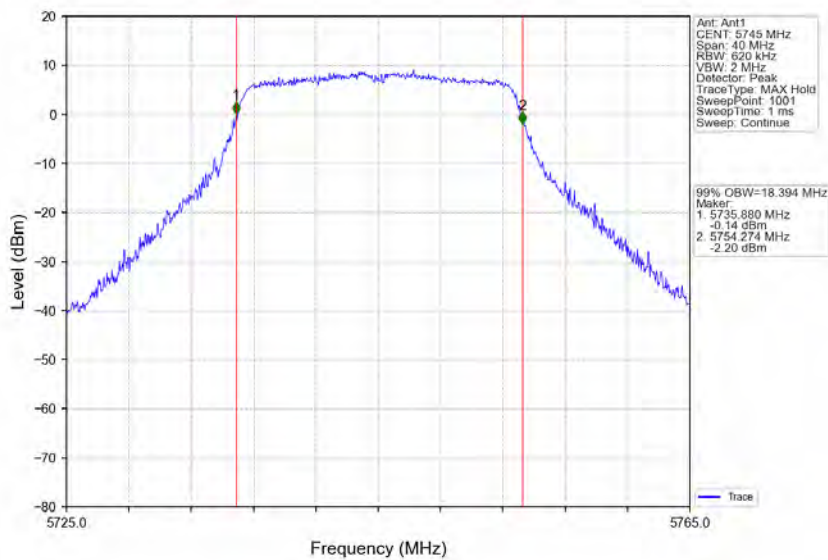
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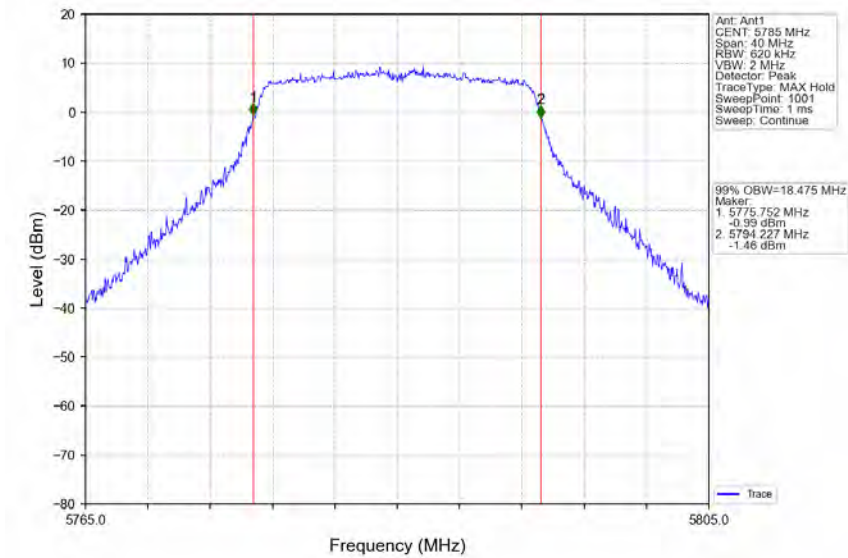
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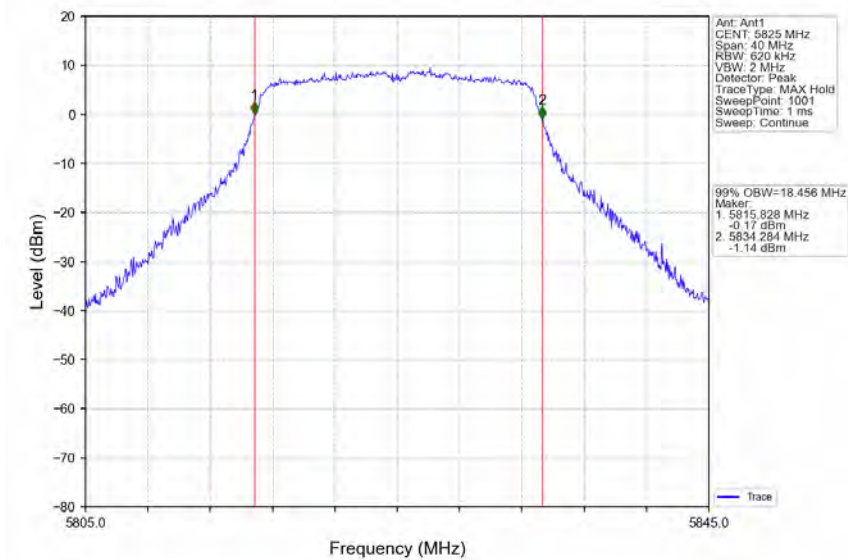
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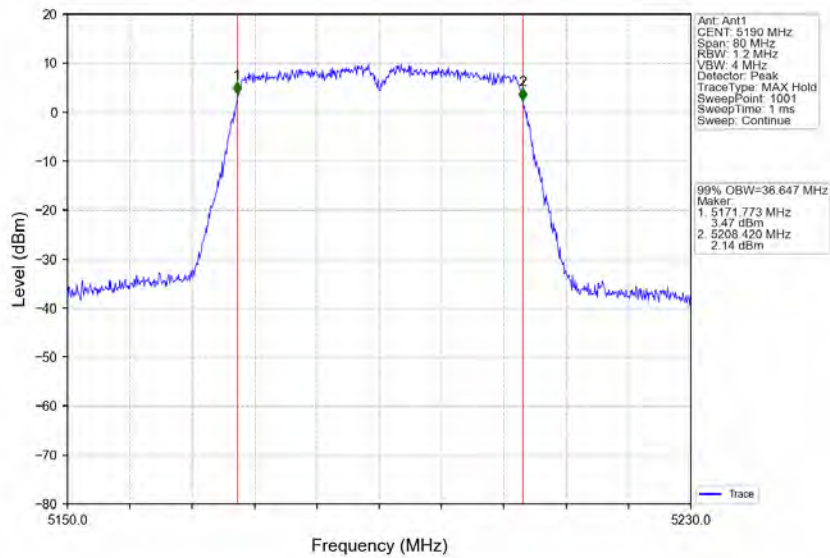
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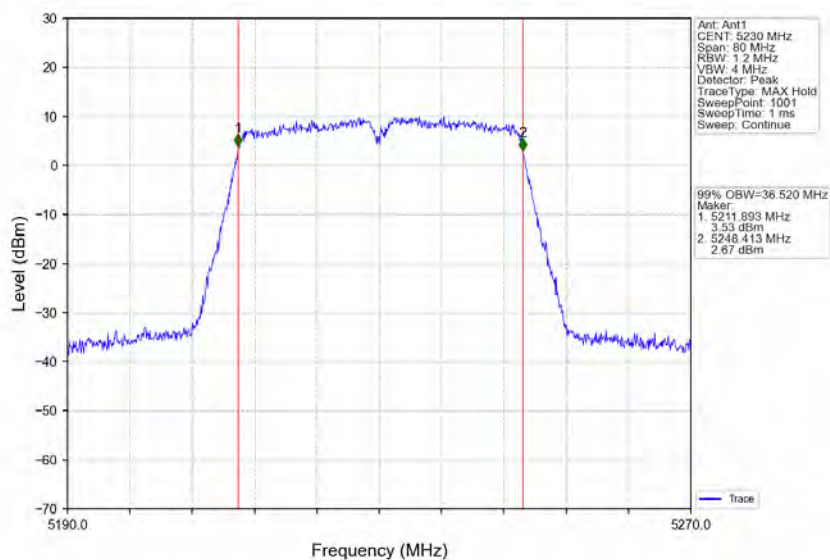
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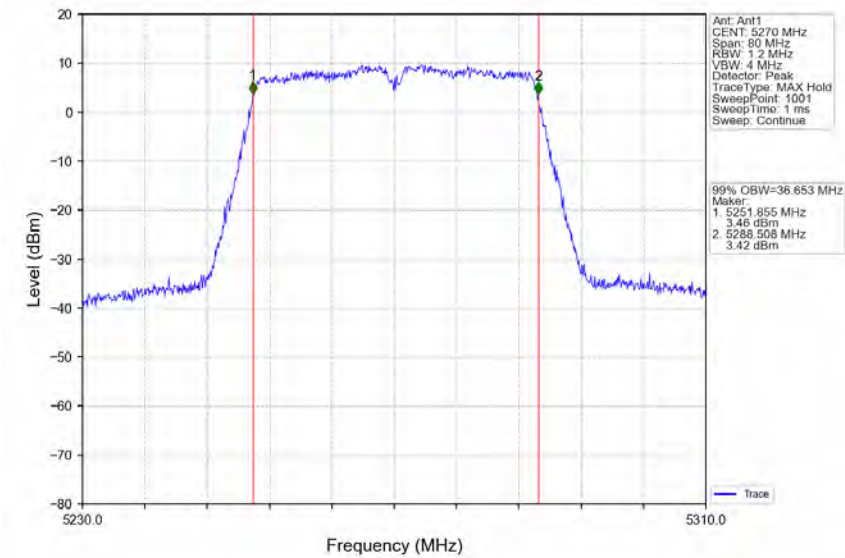
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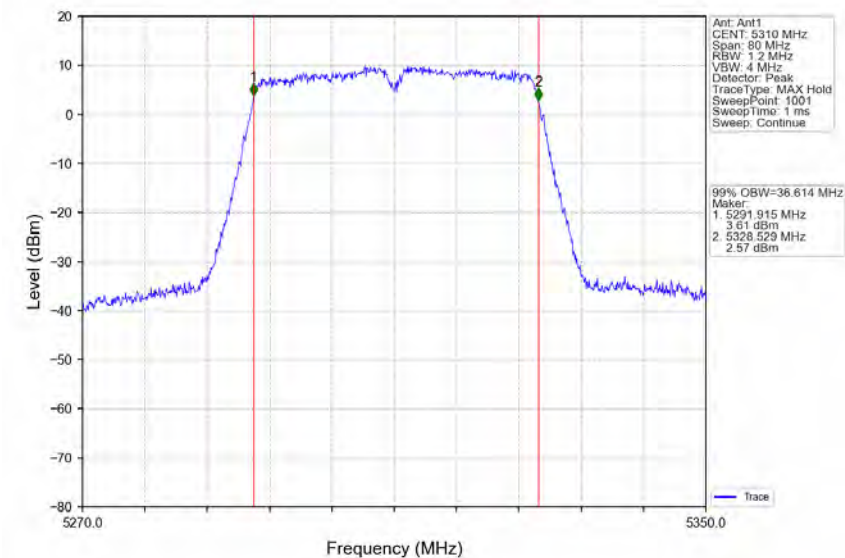
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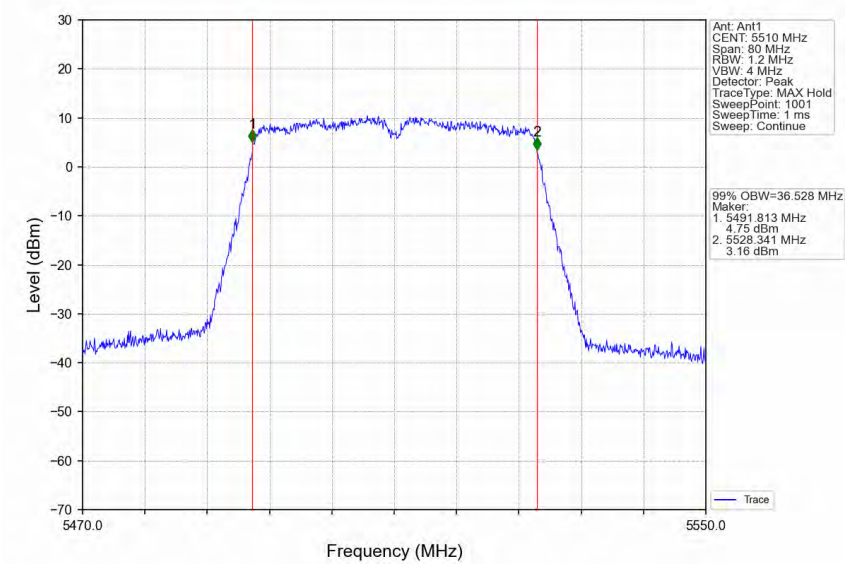
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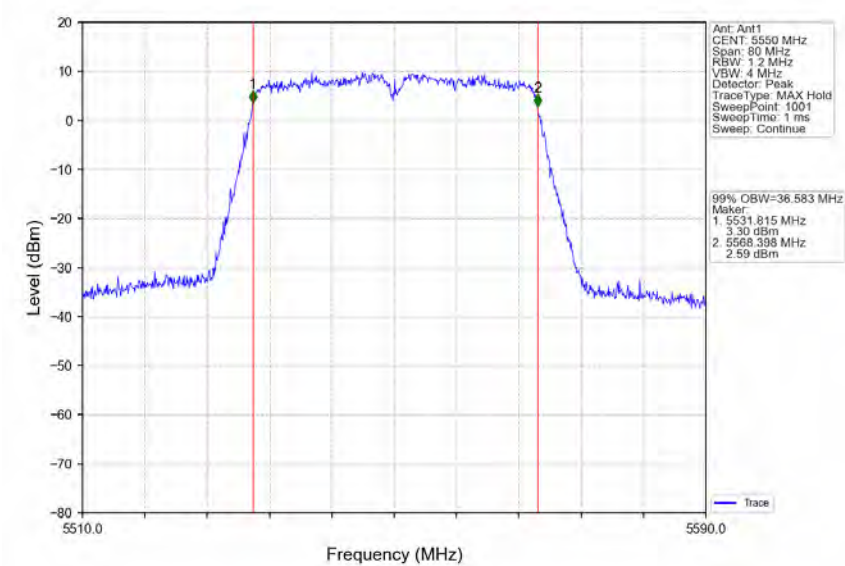
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



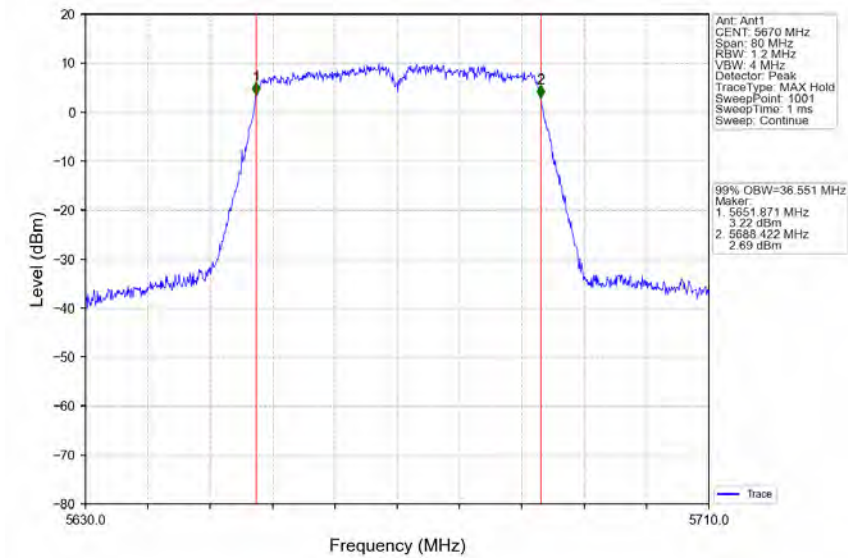
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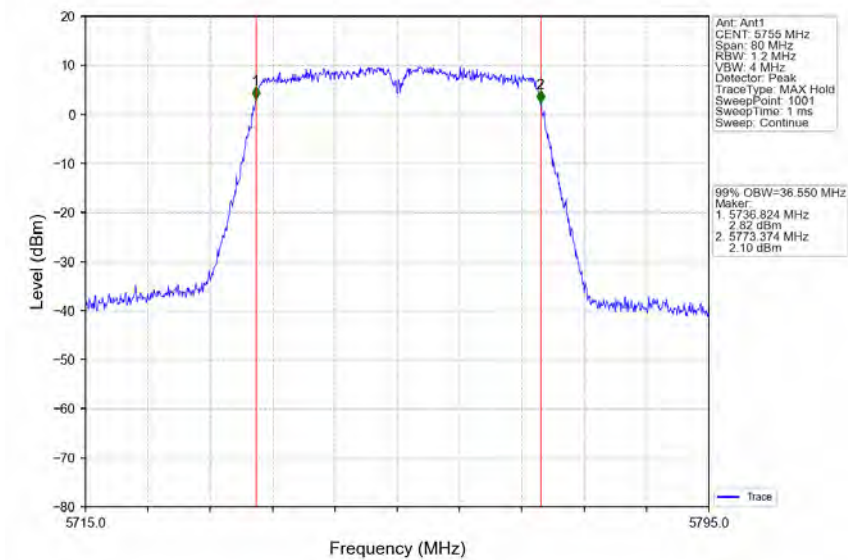
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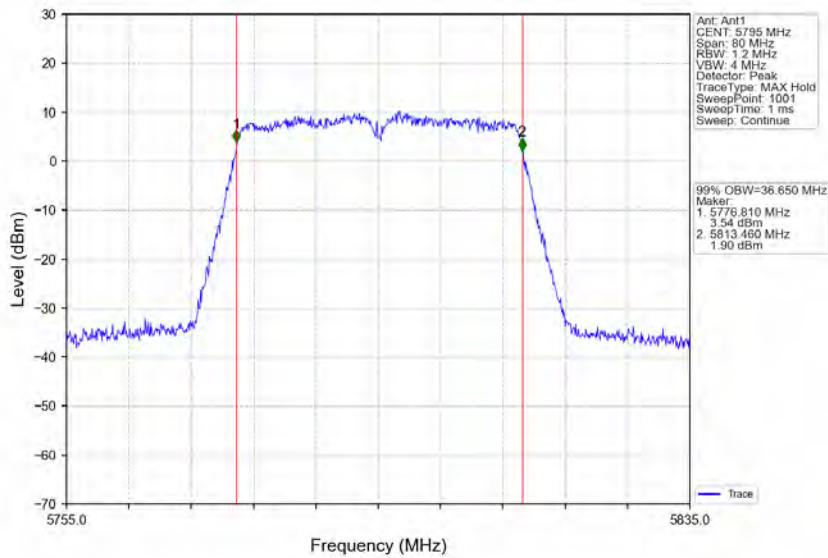
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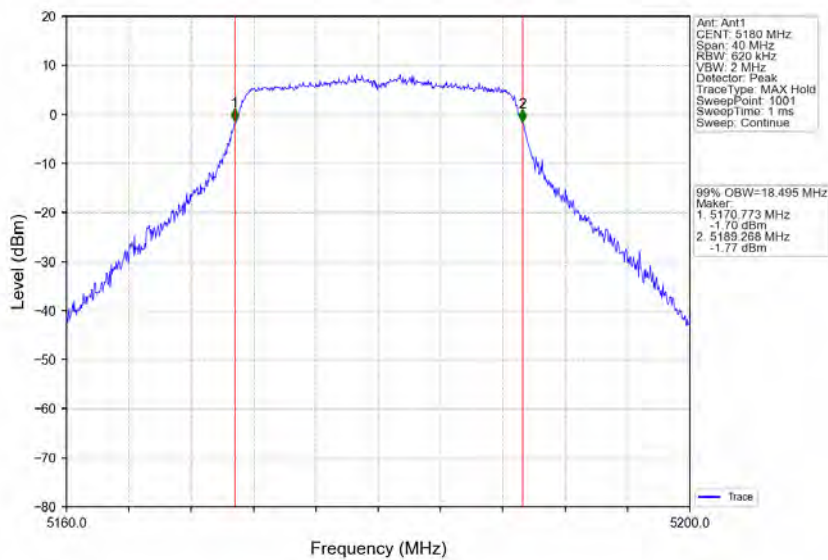
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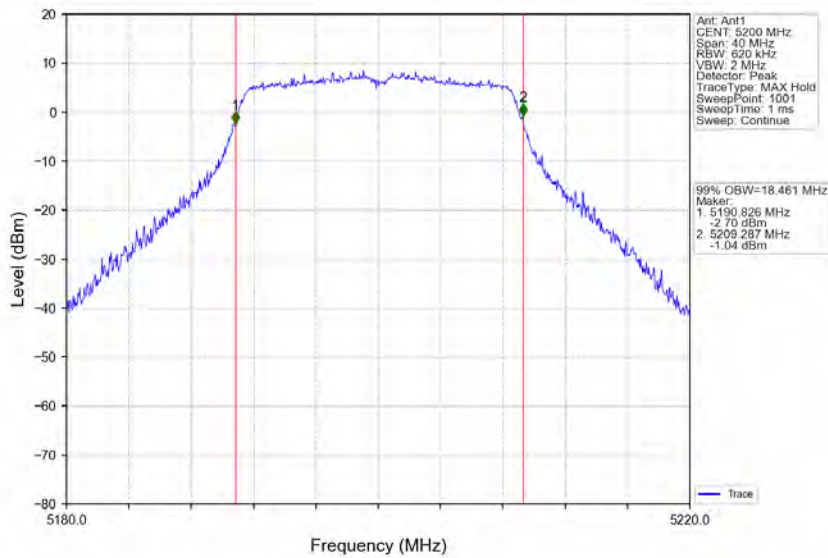
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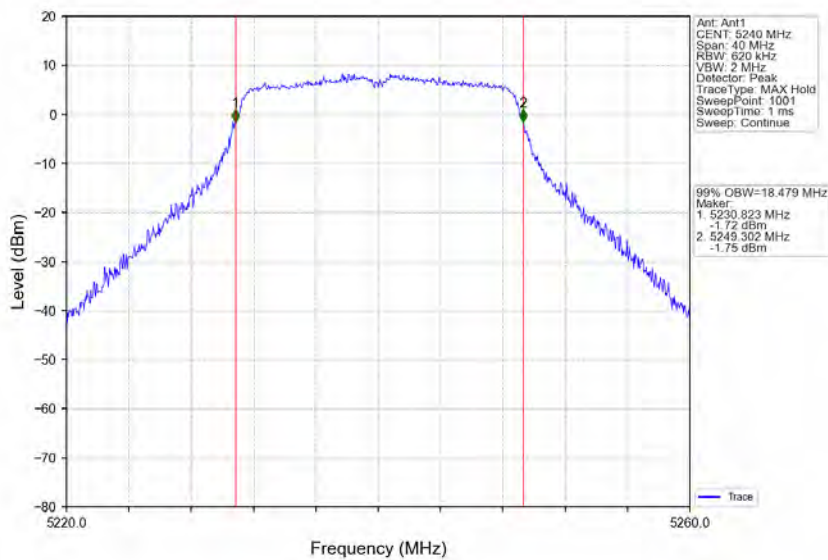
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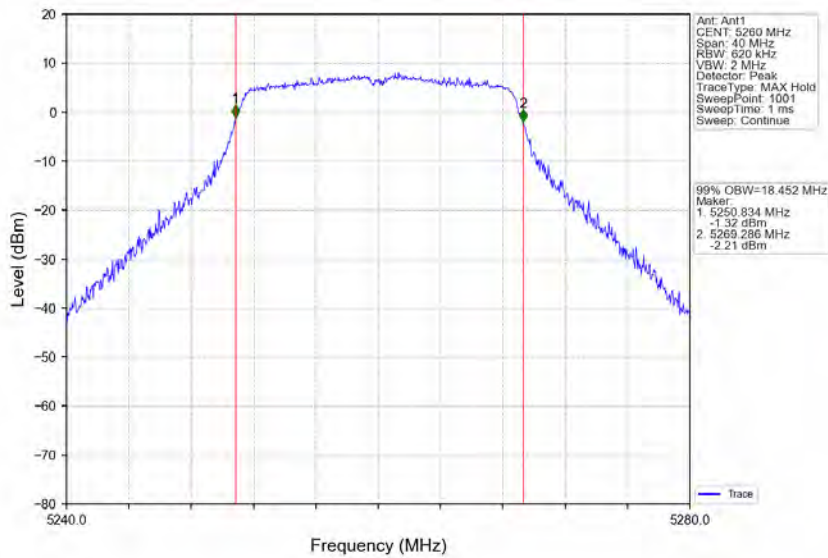
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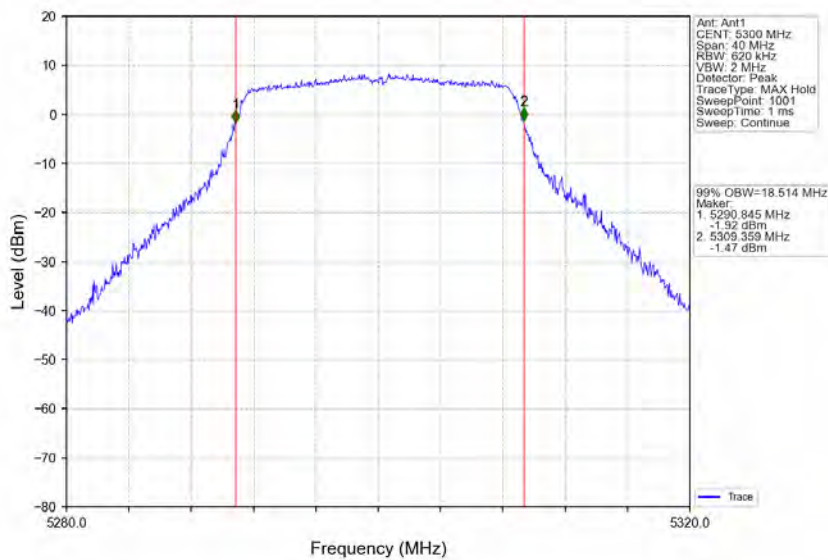
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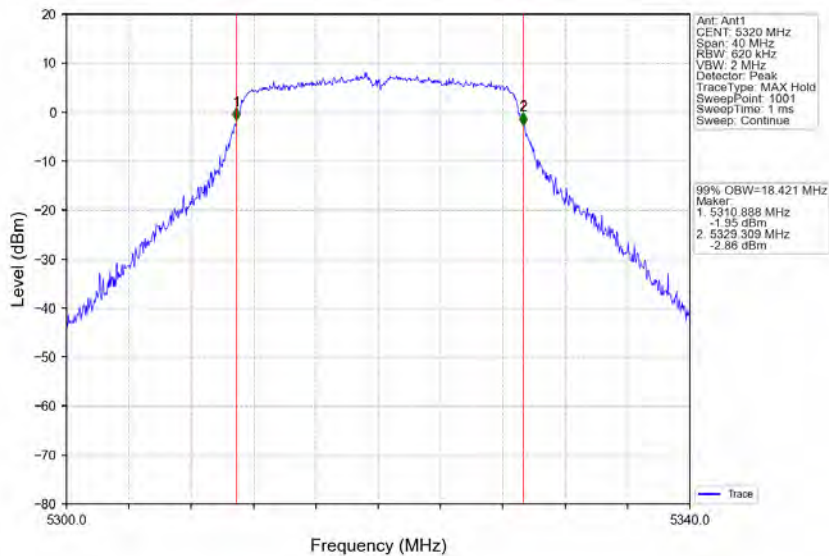
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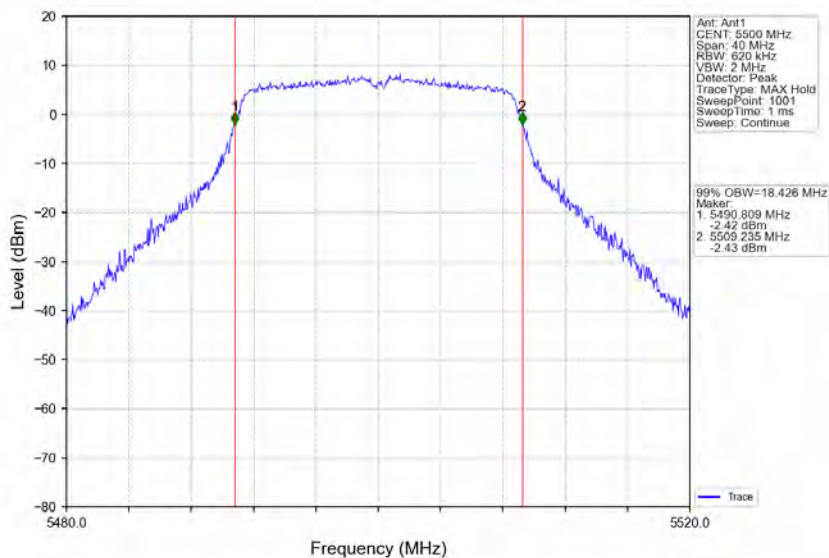
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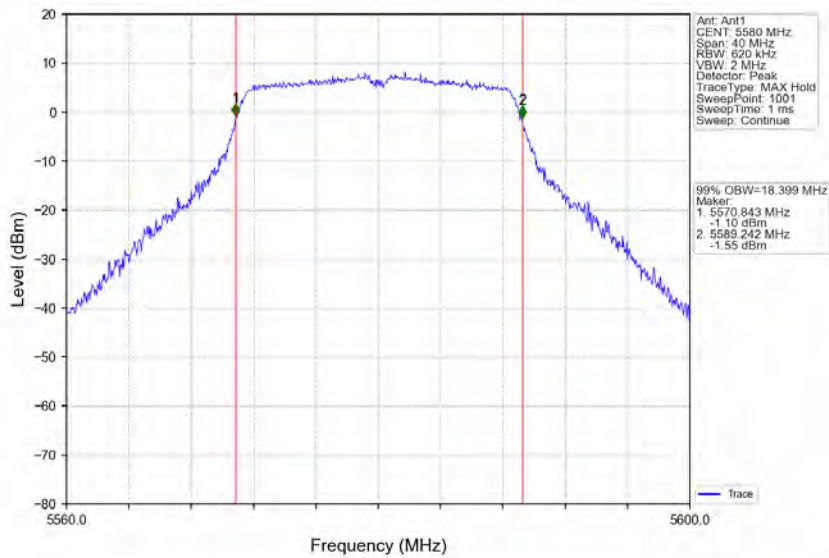
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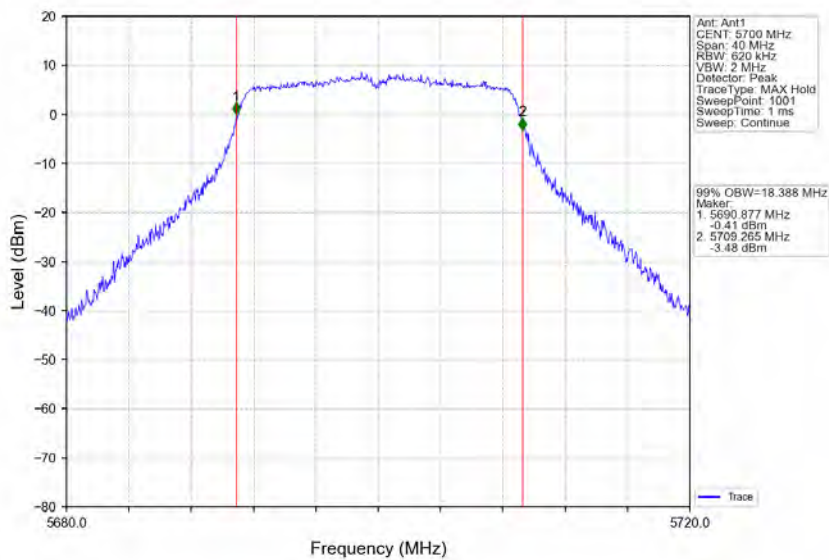
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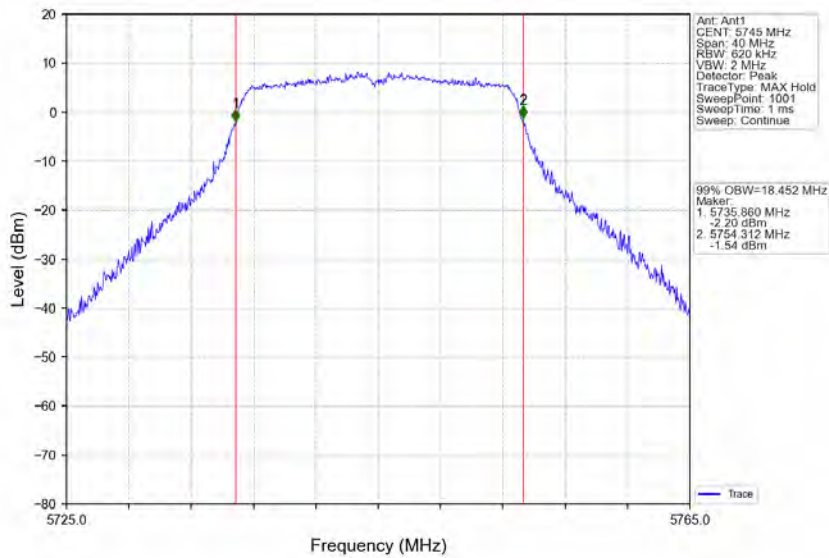
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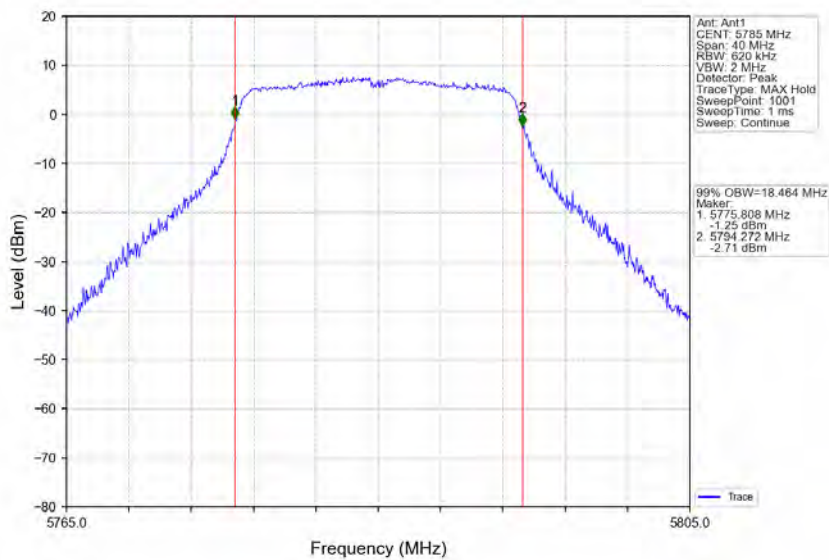
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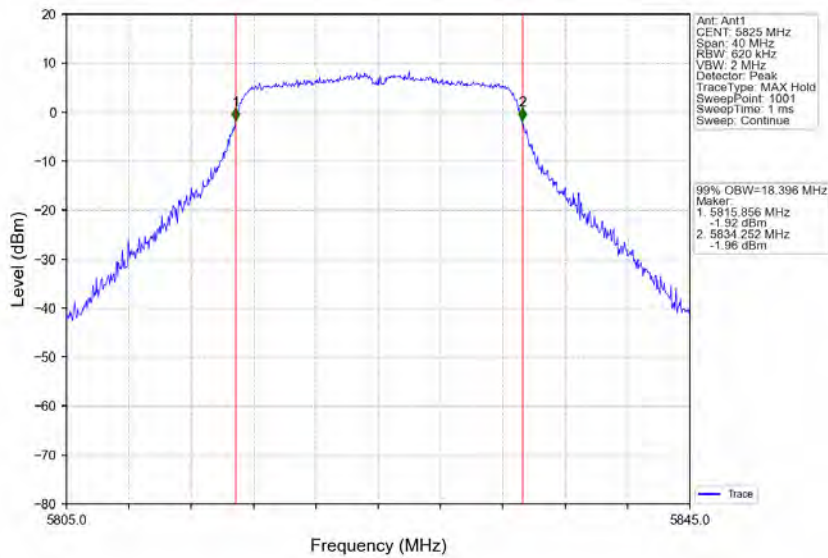
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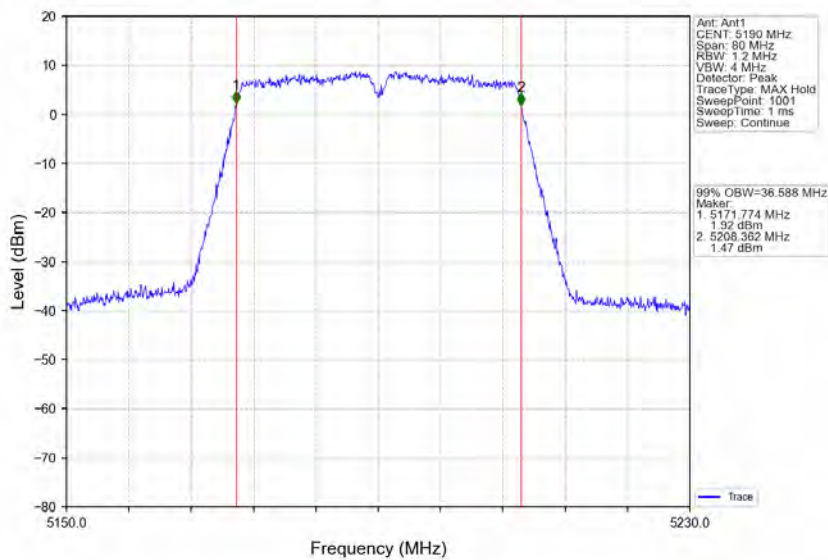
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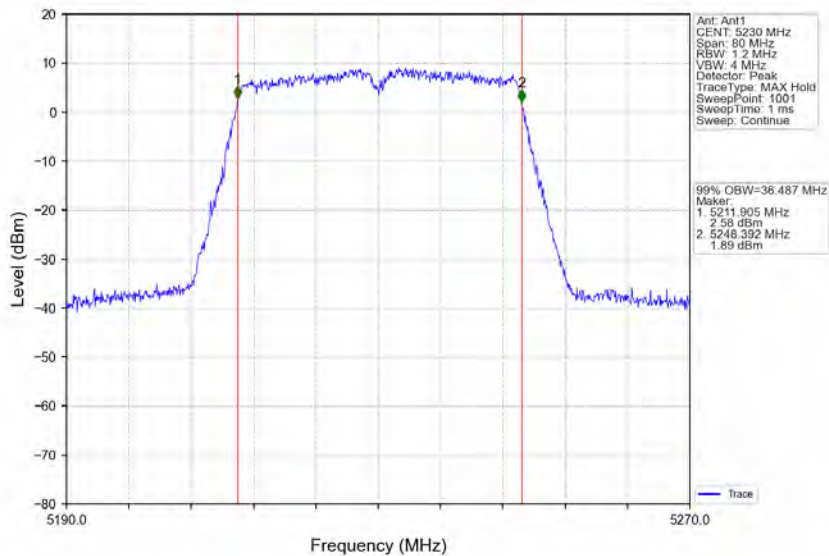
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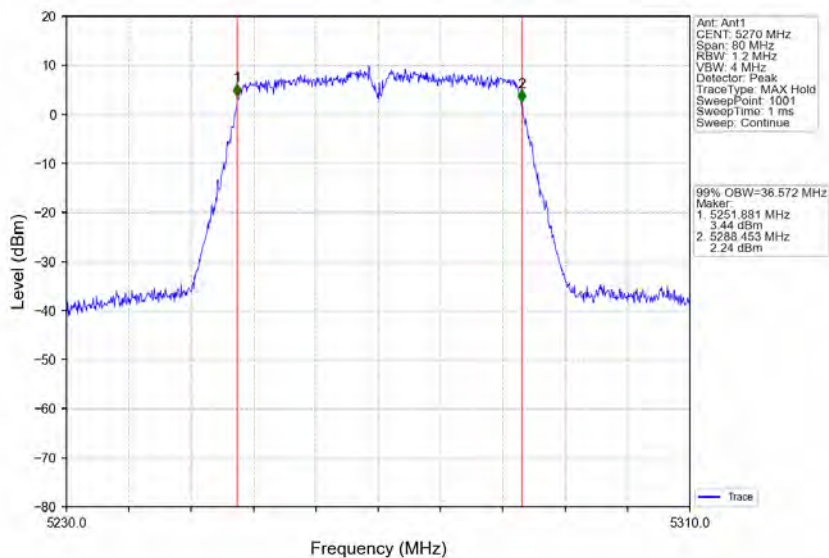
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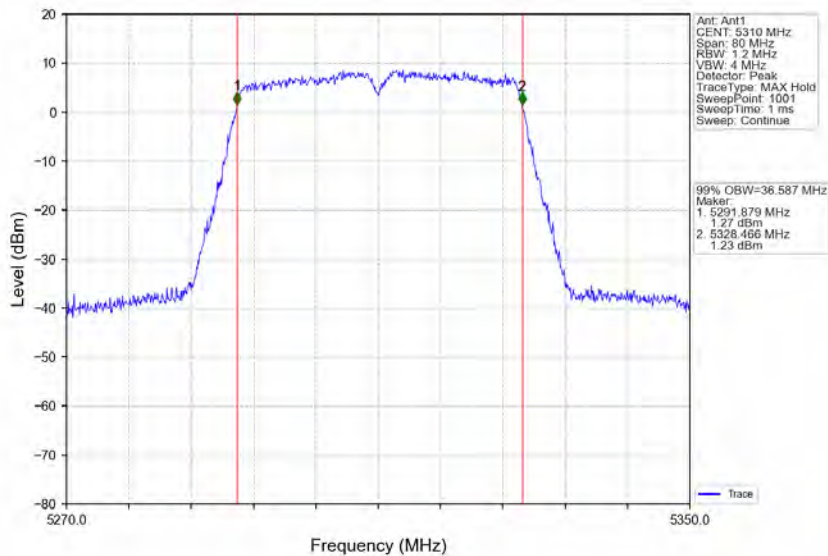
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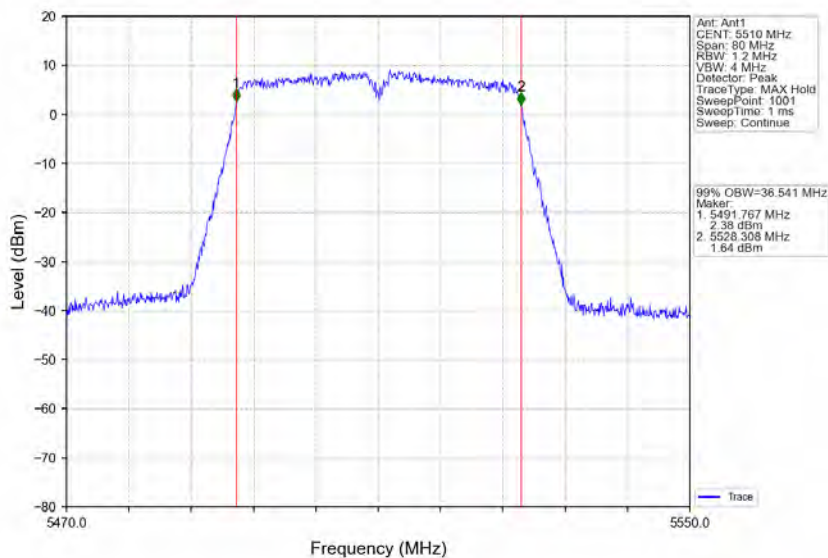
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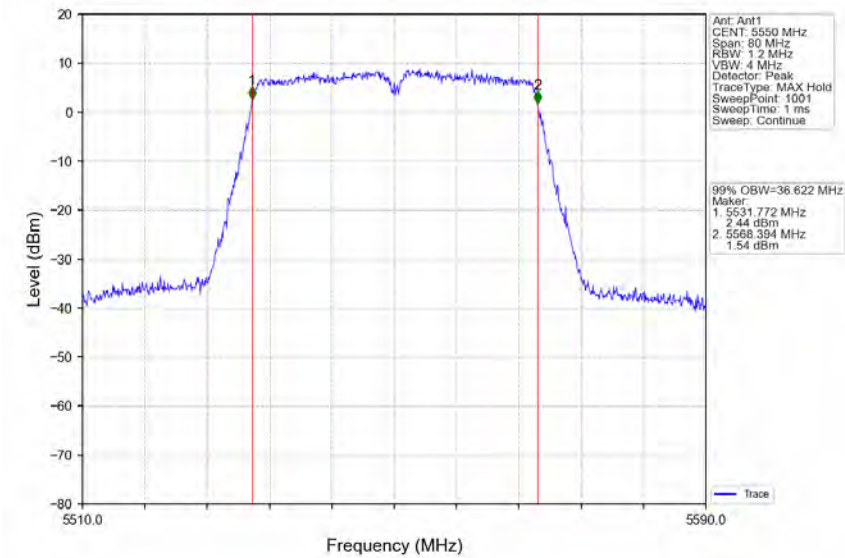
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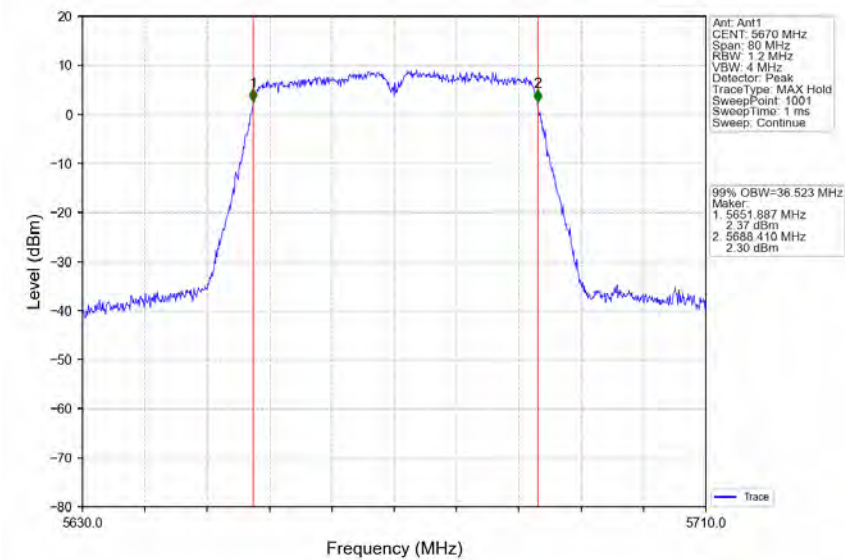
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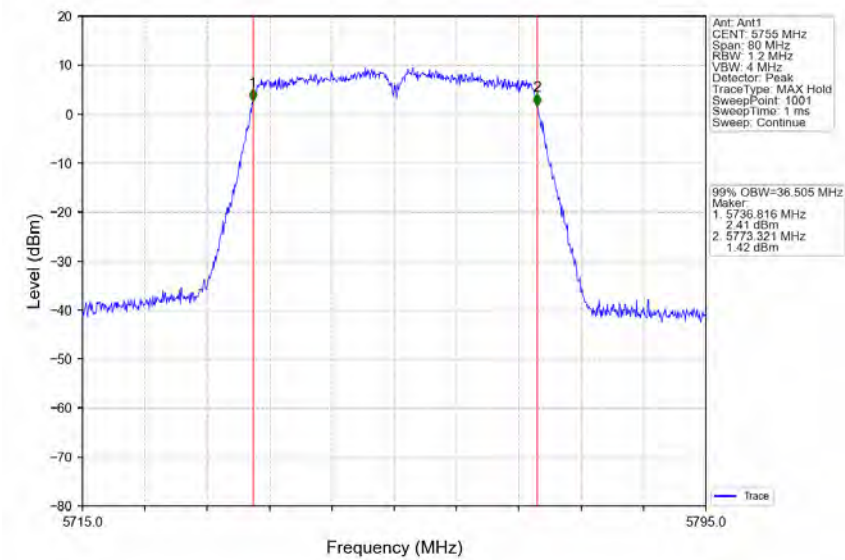
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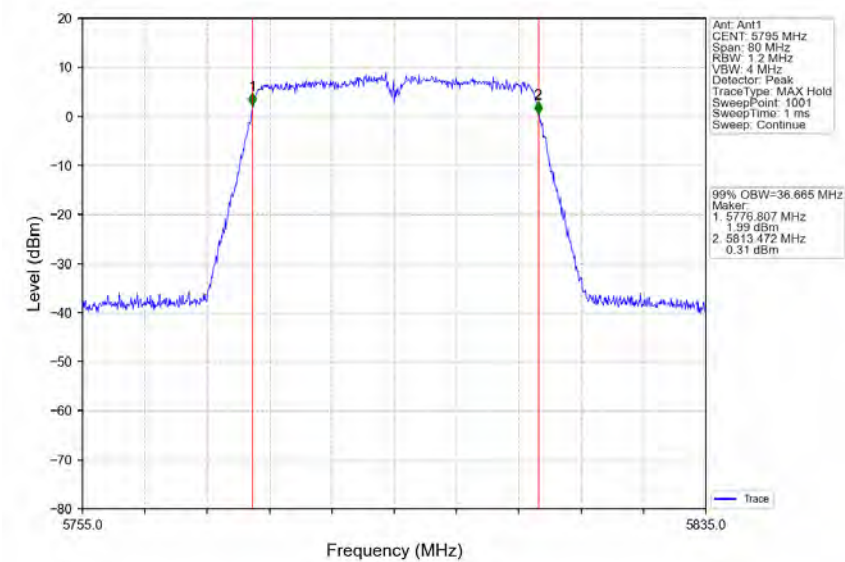
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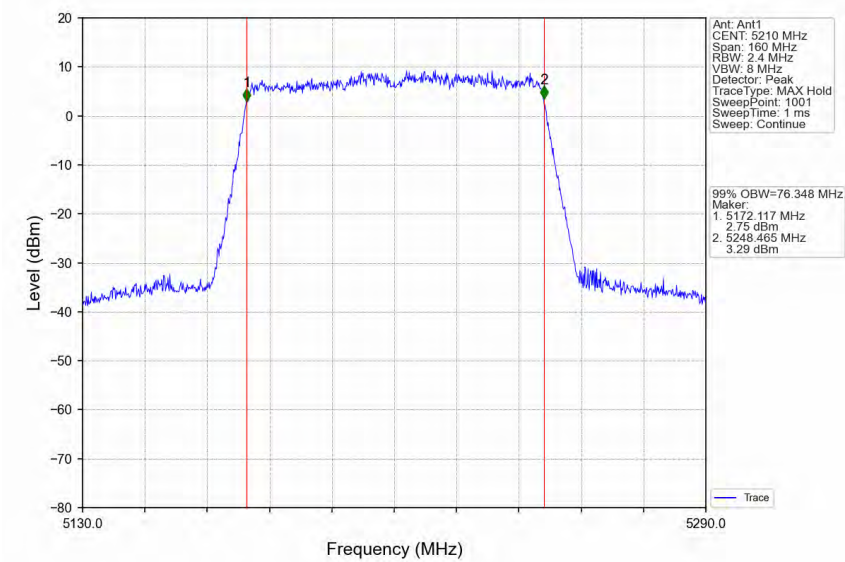
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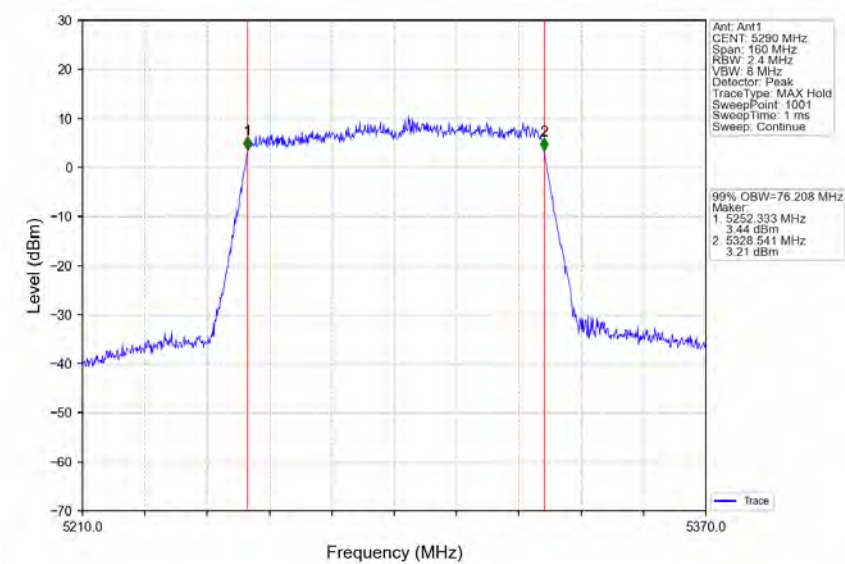
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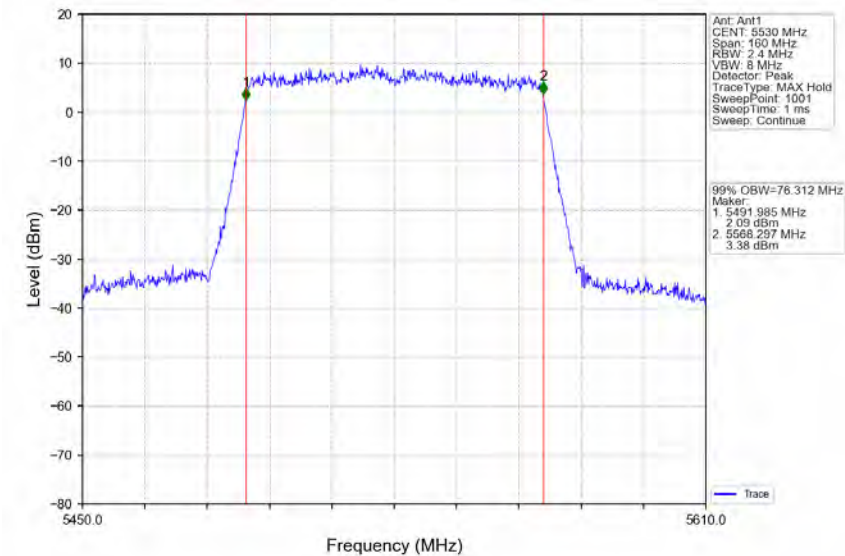
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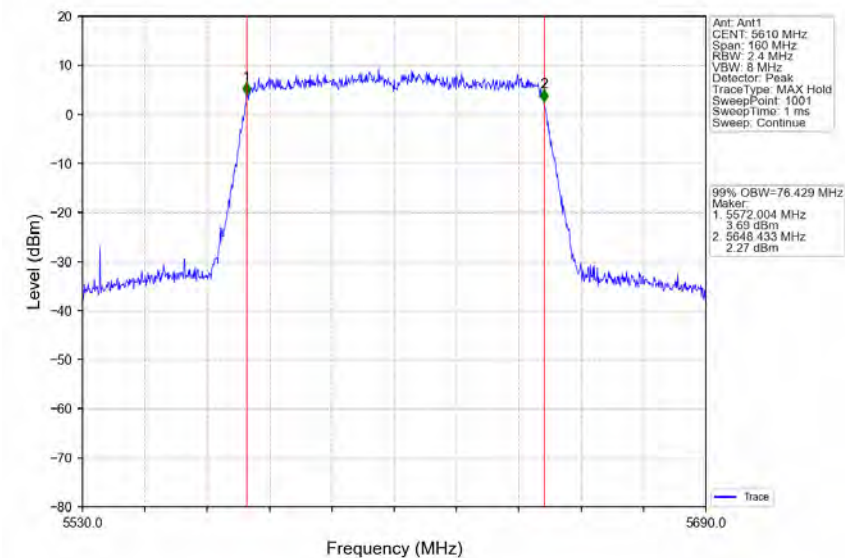
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802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



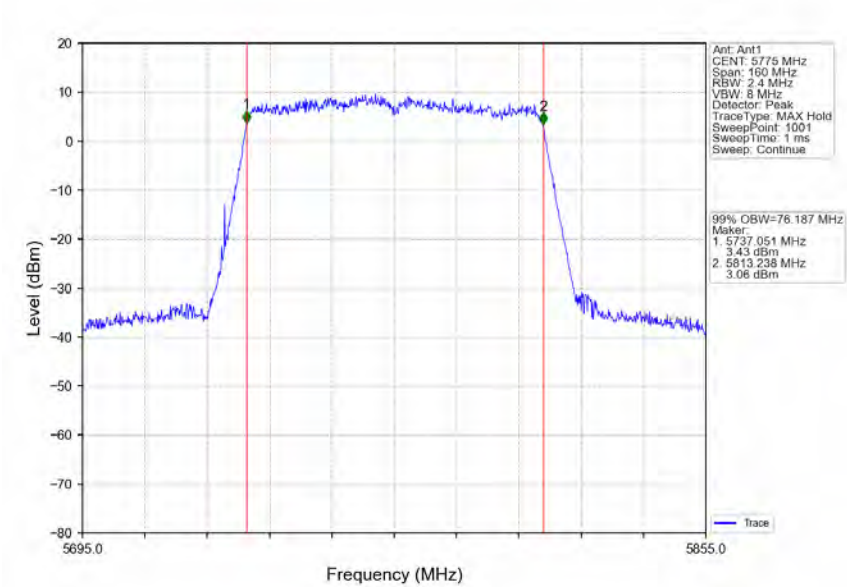
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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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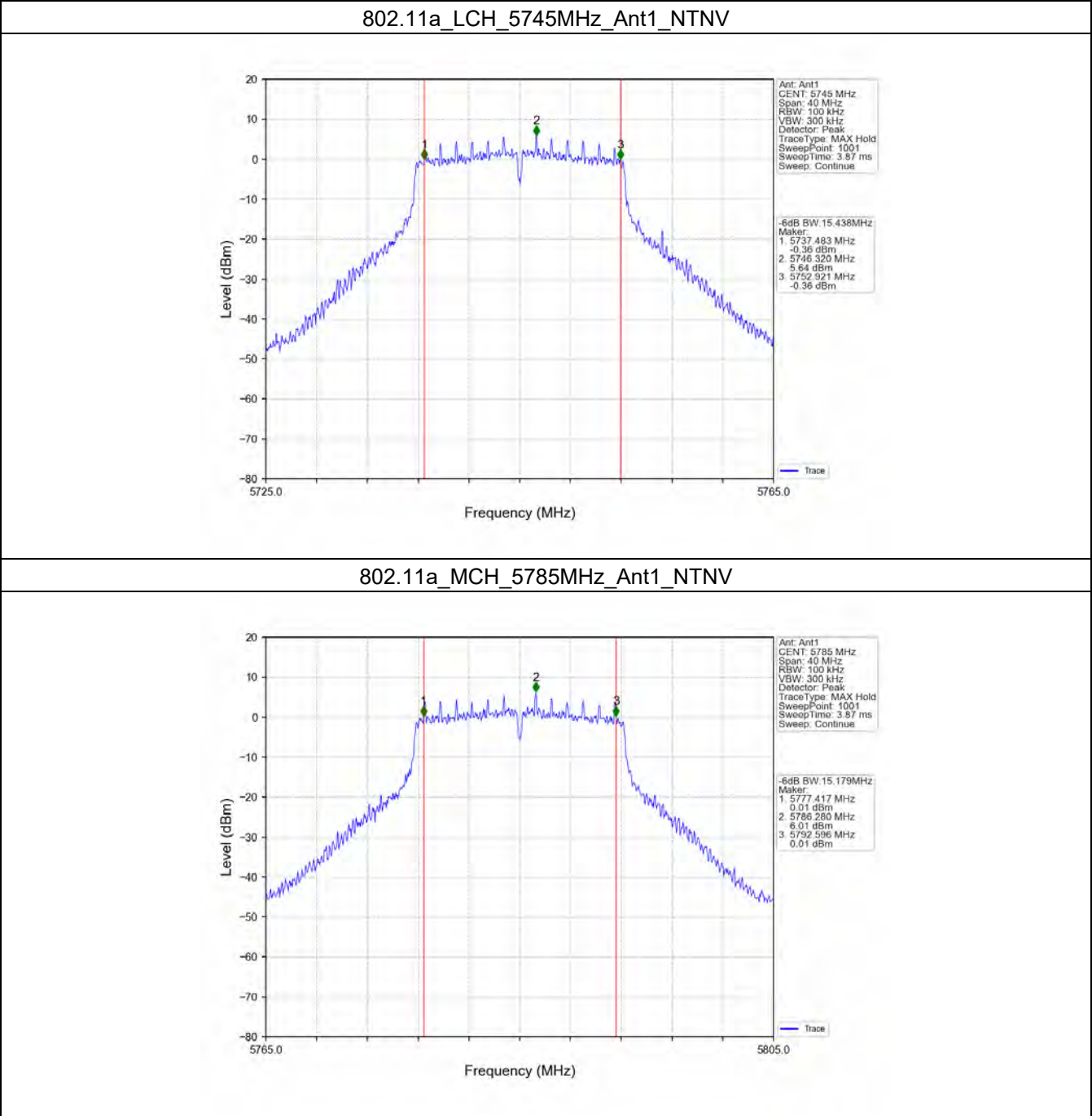
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2.2 6dB BW

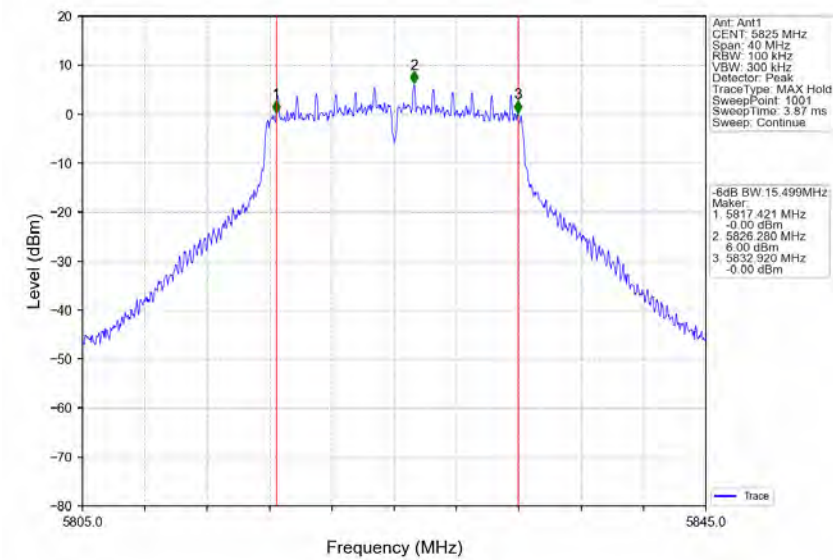
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	15.438	≥ 0.5	Pass
		5785	1	15.179	≥ 0.5	Pass
		5825	1	15.499	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	15.169	≥ 0.5	Pass
		5785	1	15.144	≥ 0.5	Pass
		5825	1	16.896	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	35.155	≥ 0.5	Pass
		5795	1	35.946	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	1	15.195	≥ 0.5	Pass
		5785	1	15.141	≥ 0.5	Pass
		5825	1	14.859	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.362	≥ 0.5	Pass
		5795	1	36.297	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.197	≥ 0.5	Pass

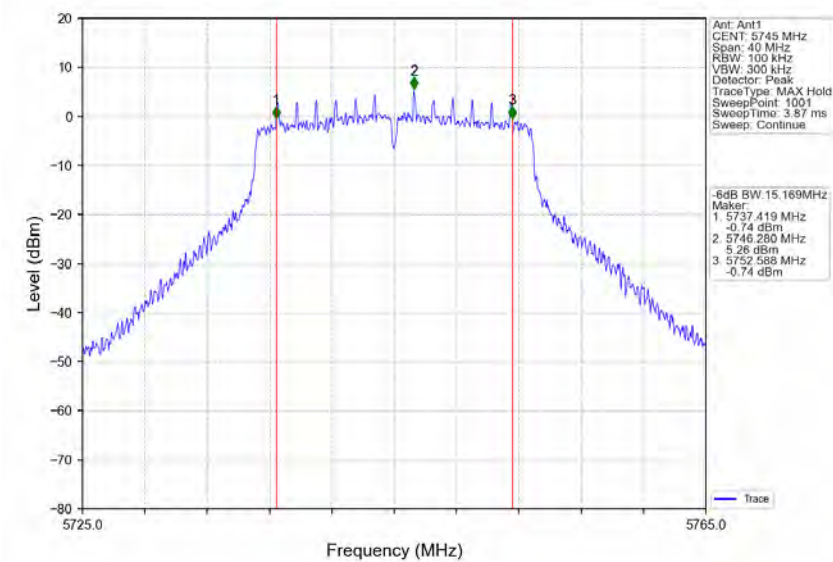
2.2.2 Test Graph



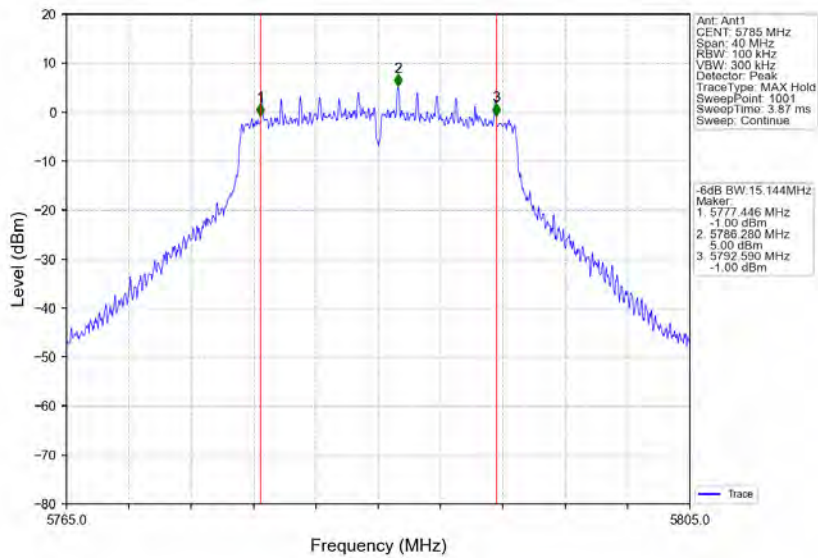
802.11a_HCH_5825MHz_Ant1_NTNV



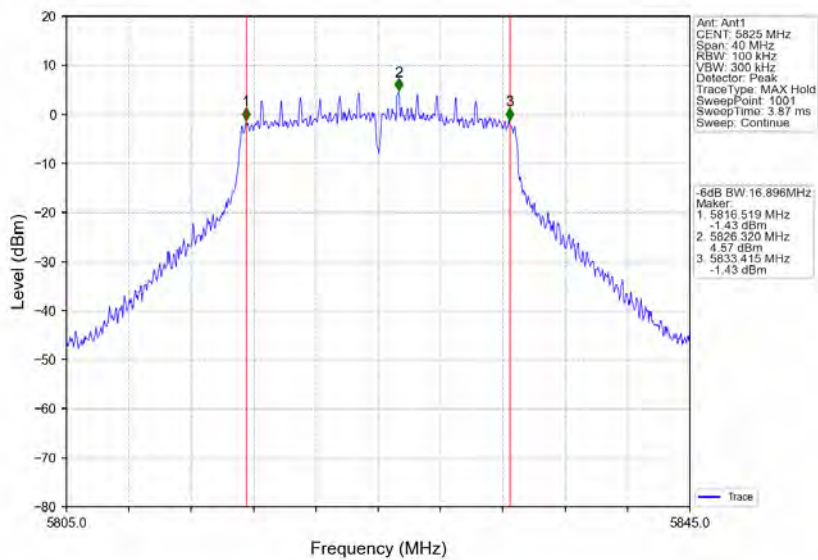
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



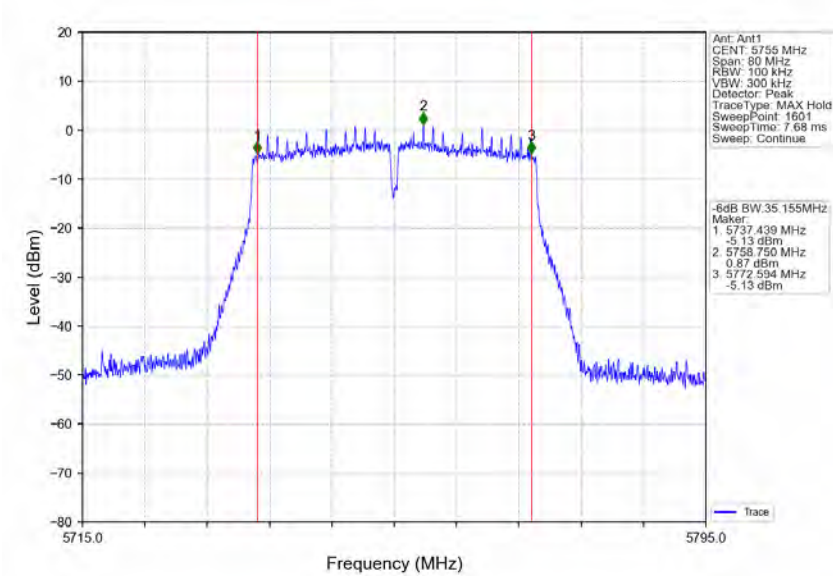
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



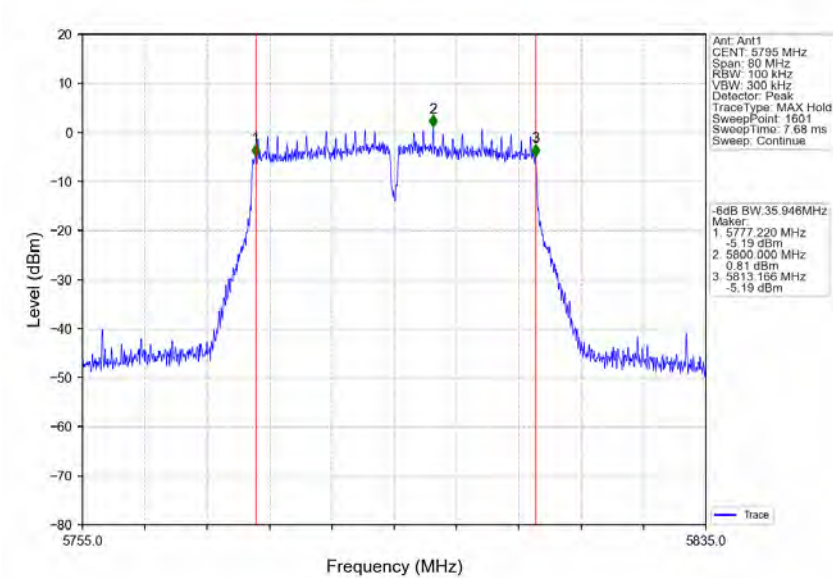
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



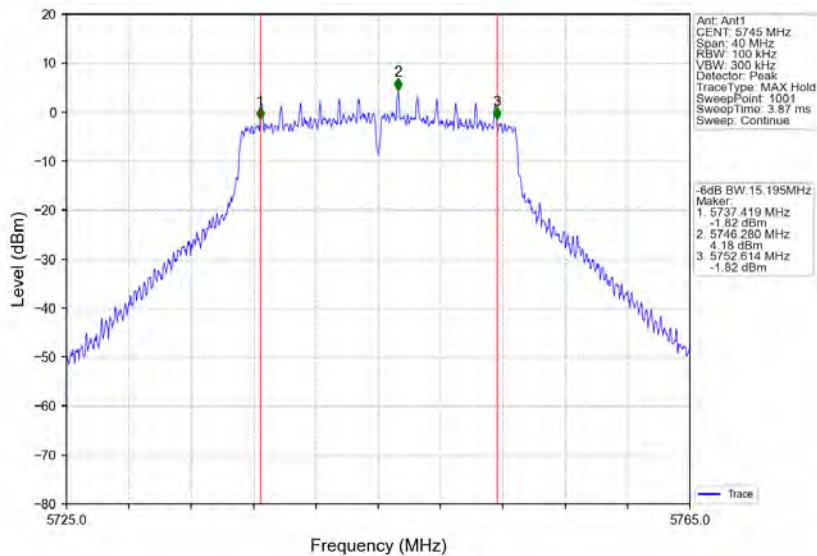
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



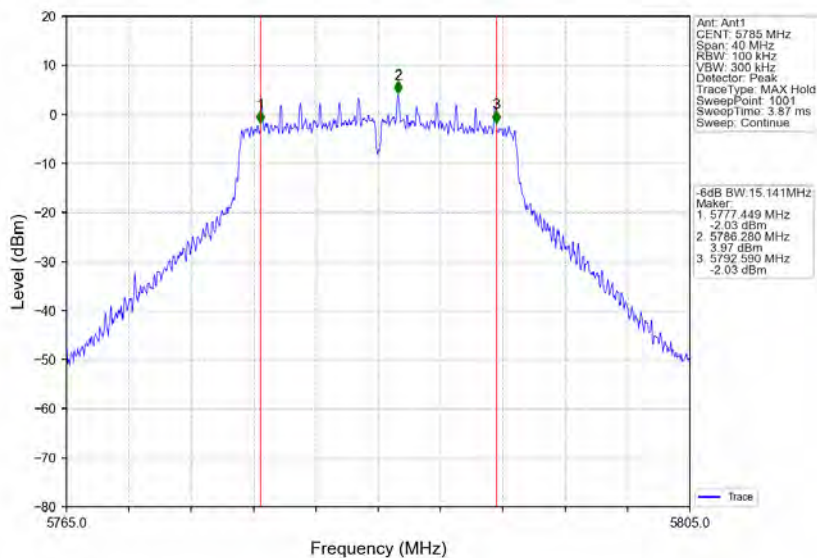
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



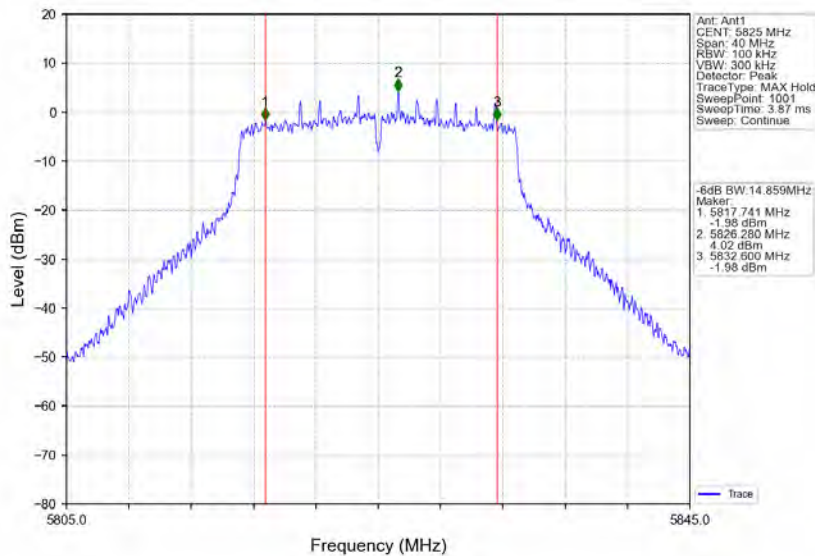
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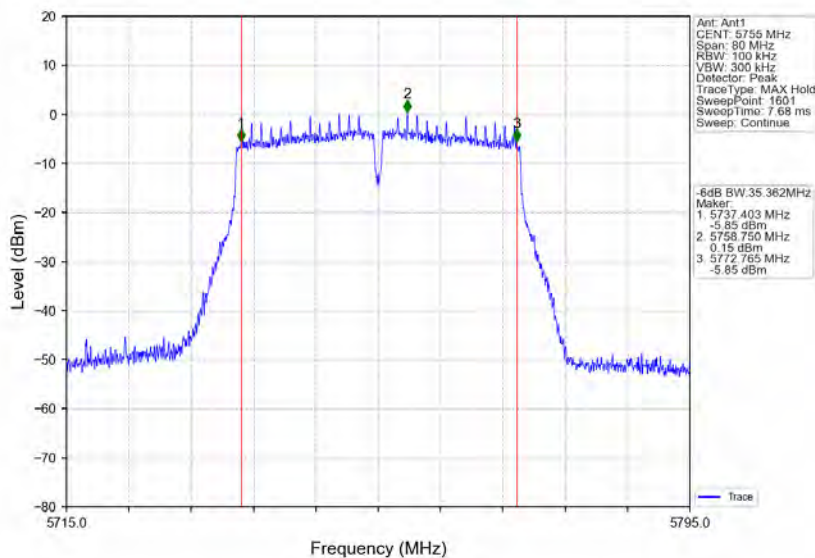
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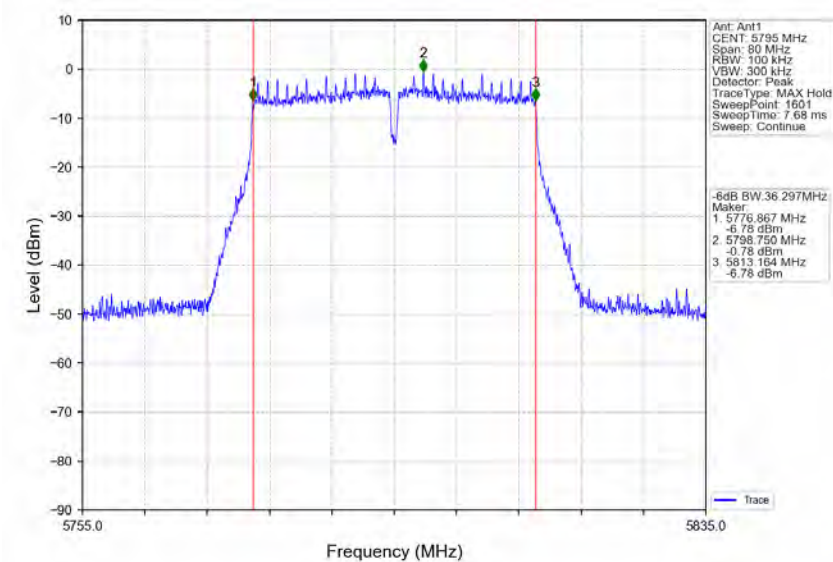
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



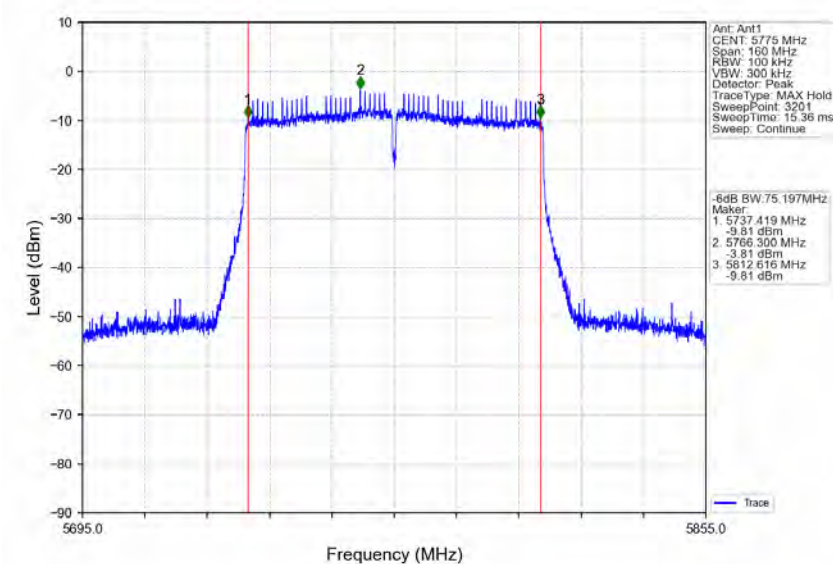
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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2.3 26dB BW

2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	22.863	/	Pass
		5200	1	22.315	/	Pass
		5240	1	21.704	/	Pass
		5260	1	22.022	/	Pass
		5300	1	21.876	/	Pass
		5320	1	22.060	/	Pass
		5500	1	21.965	/	Pass
		5580	1	22.514	/	Pass
		5700	1	22.774	/	Pass
802.11n (HT20)	SISO	5180	1	23.521	/	Pass
		5200	1	22.591	/	Pass
		5240	1	22.733	/	Pass
		5260	1	22.552	/	Pass
		5300	1	23.248	/	Pass
		5320	1	23.091	/	Pass
		5500	1	22.811	/	Pass
		5580	1	22.567	/	Pass
		5700	1	22.168	/	Pass
802.11n (HT40)	SISO	5190	1	40.995	/	Pass
		5230	1	40.831	/	Pass
		5270	1	41.042	/	Pass
		5310	1	40.892	/	Pass
		5510	1	41.202	/	Pass
		5550	1	41.252	/	Pass
		5670	1	41.034	/	Pass
802.11ac (VHT20)	SISO	5180	1	22.041	/	Pass
		5200	1	22.288	/	Pass
		5240	1	22.569	/	Pass
		5260	1	23.246	/	Pass
		5300	1	22.867	/	Pass
		5320	1	22.720	/	Pass
		5500	1	22.609	/	Pass
		5580	1	22.344	/	Pass
		5700	1	22.961	/	Pass
802.11ac (VHT40)	SISO	5190	1	41.336	/	Pass
		5230	1	41.203	/	Pass
		5270	1	41.254	/	Pass



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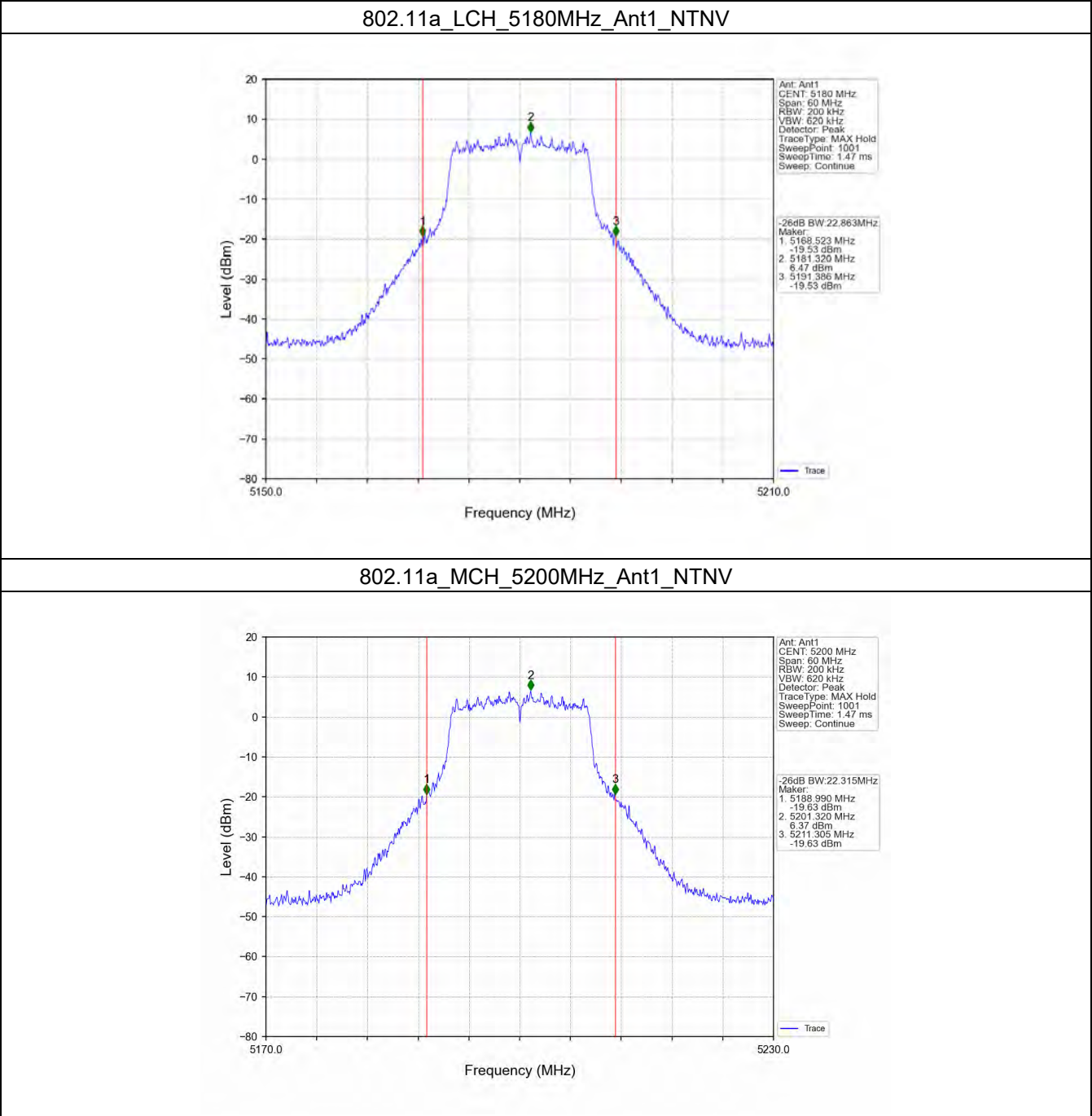
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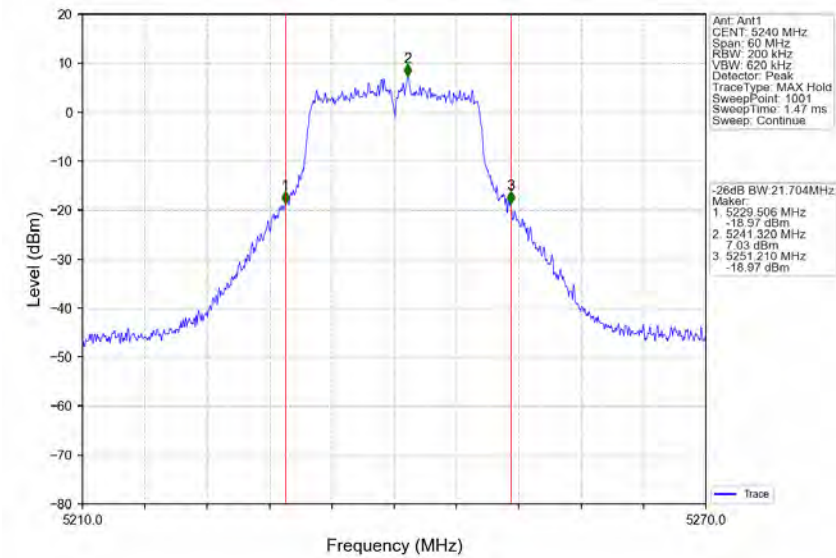
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		5310	1	41.527	/	Pass
		5510	1	41.192	/	Pass
		5550	1	41.103	/	Pass
		5670	1	41.359	/	Pass
802.11ac (VHT80)	SISO	5210	1	83.928	/	Pass
		5290	1	82.878	/	Pass
		5530	1	83.224	/	Pass
		5610	1	82.448	/	Pass

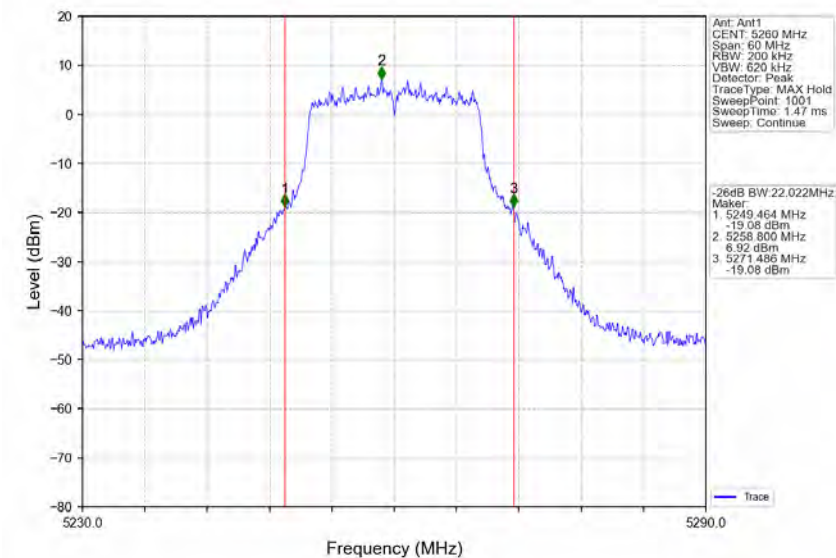
2.3.2 Test Graph



802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



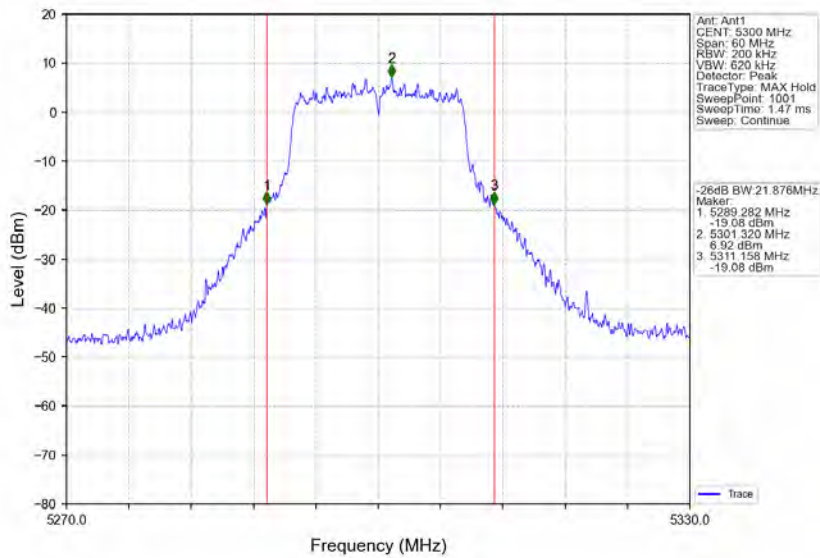
Compliance Certification Services (Kunshan) Inc.

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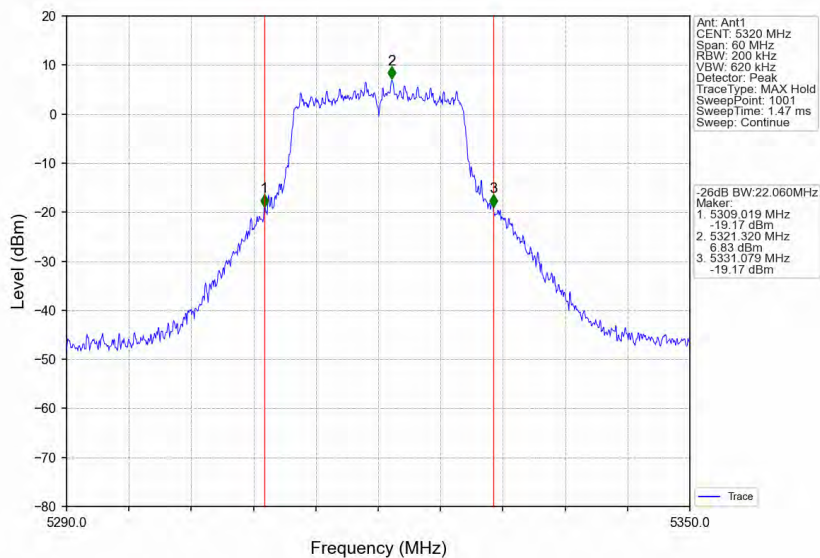
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



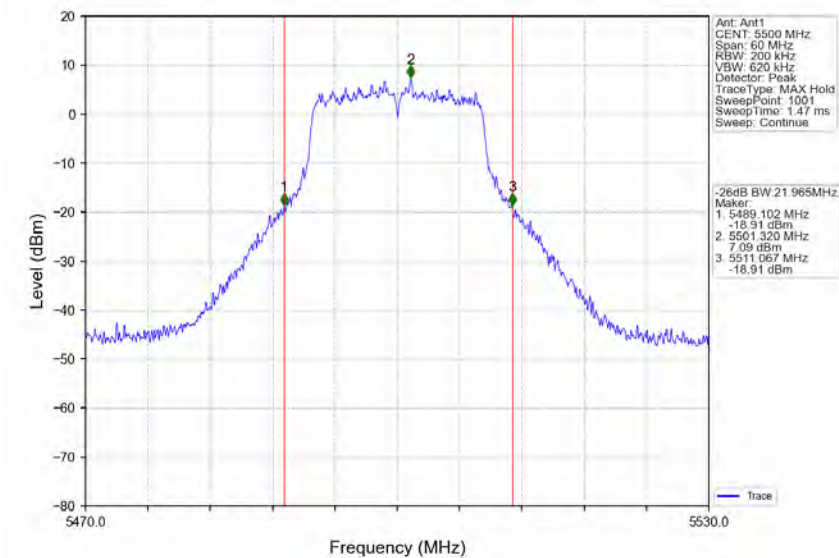
Compliance Certification Services (Kunshan) Inc.

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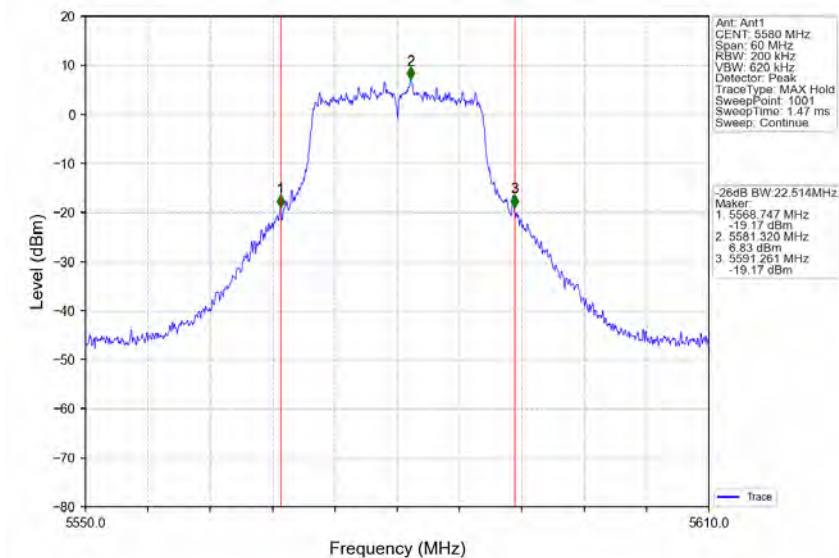
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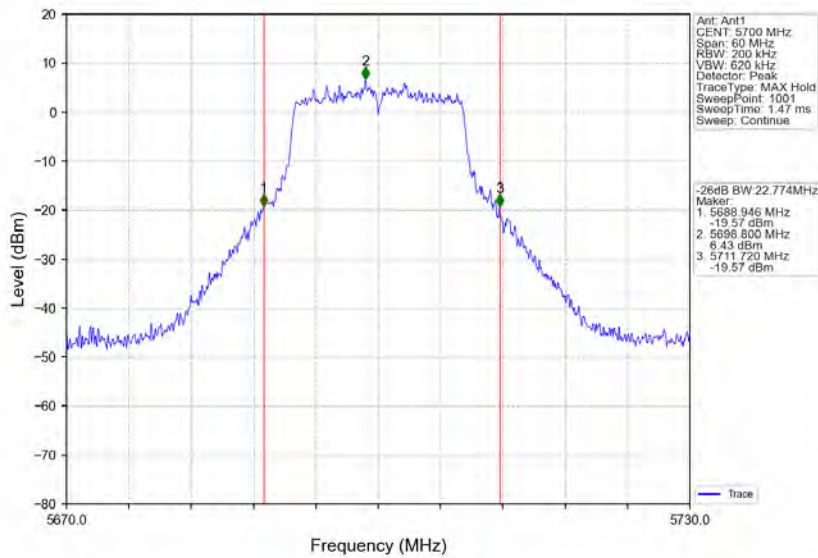
802.11a_LCH_5500MHz_Ant1_NTNV



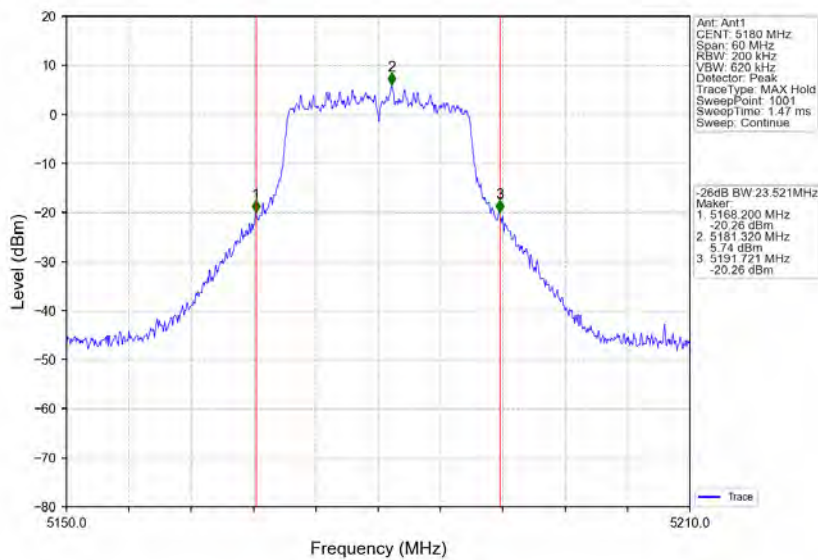
802.11a_MCH_5580MHz_Ant1_NTNV



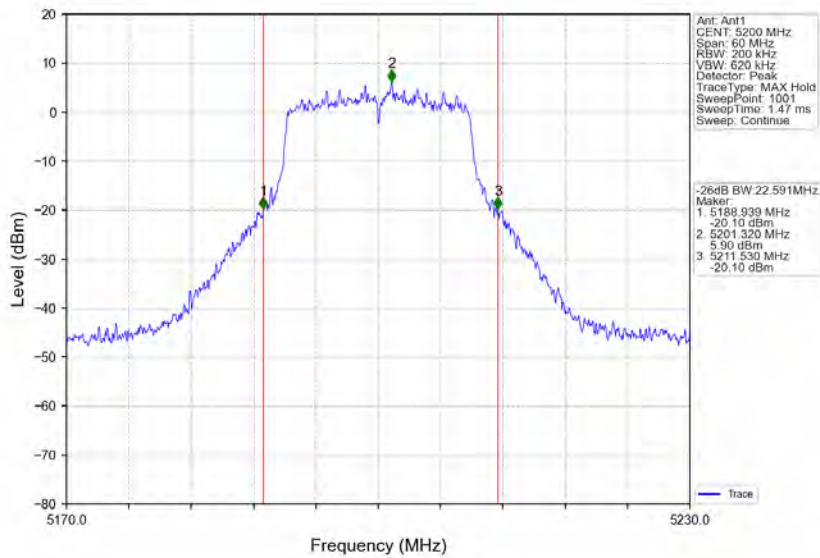
802.11a_HCH_5700MHz_Ant1_NTNV



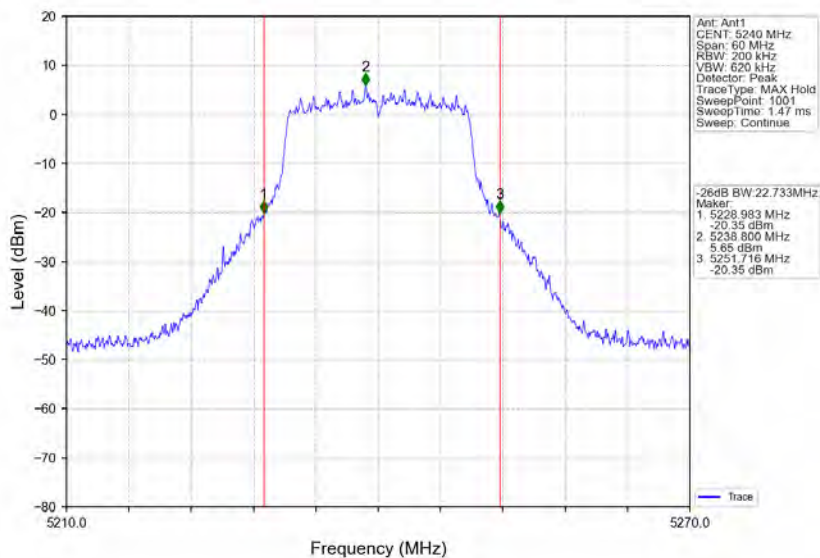
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



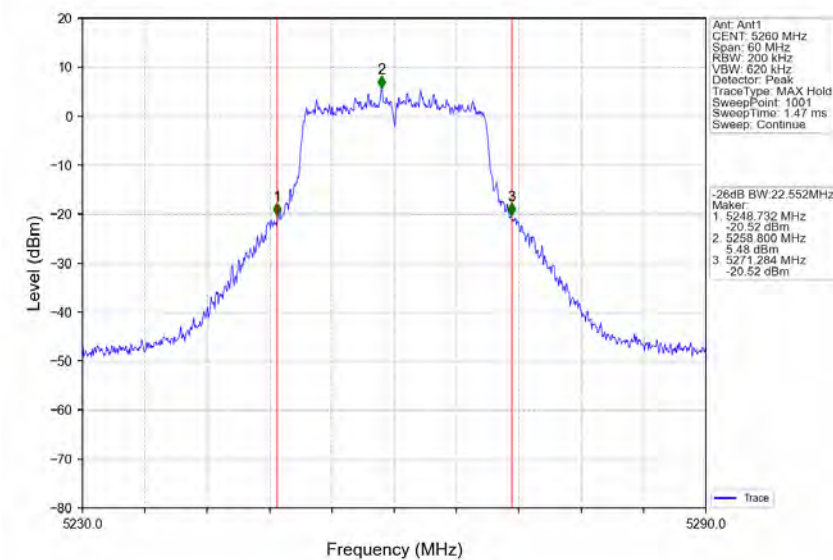
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



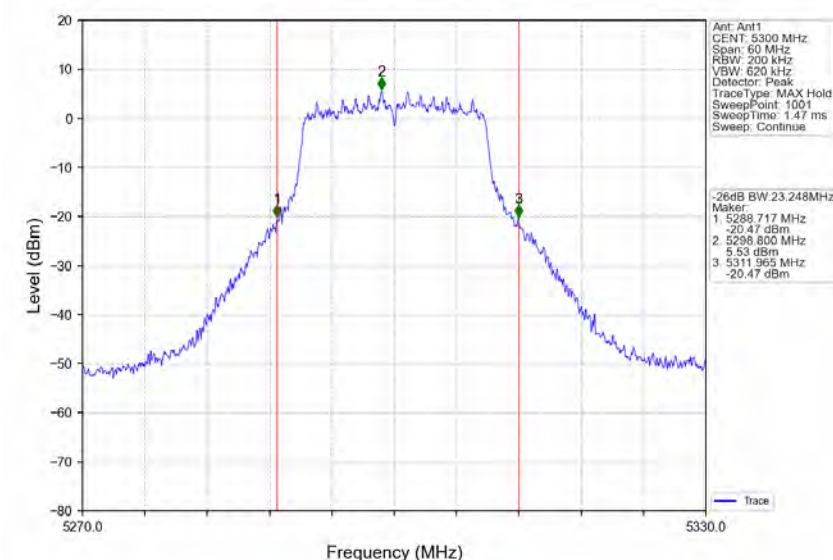
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



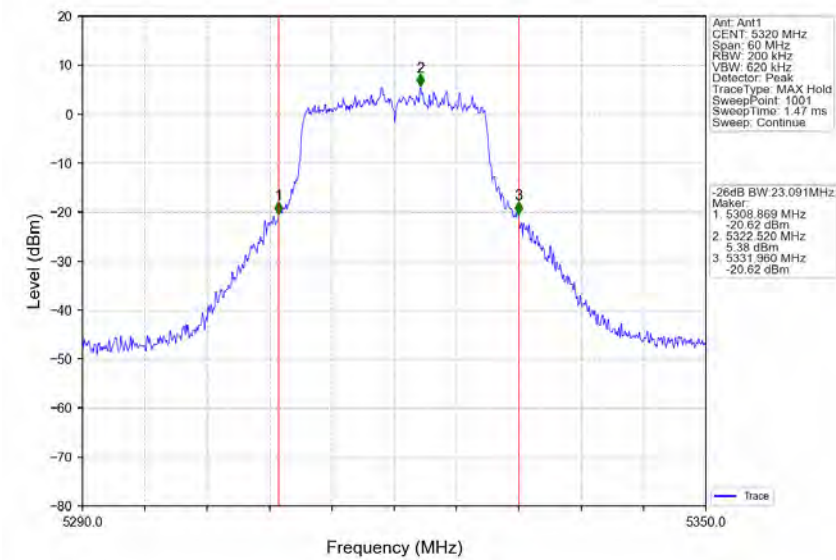
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



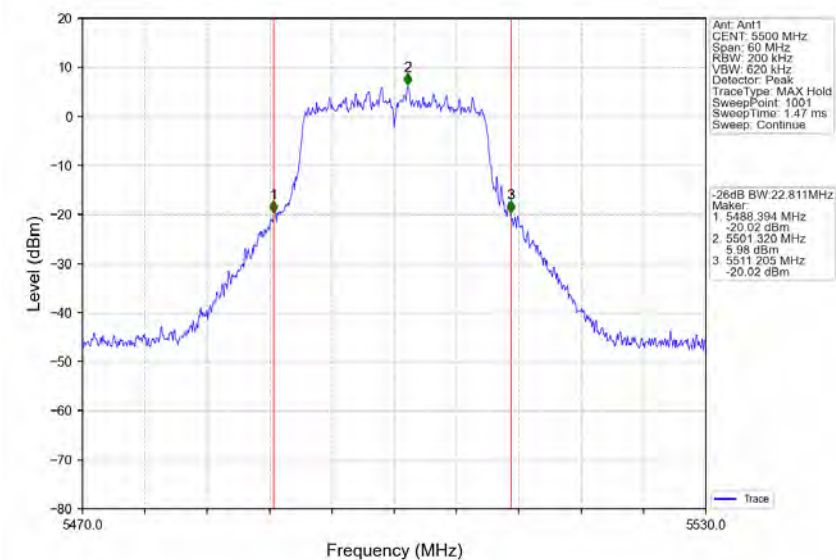
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



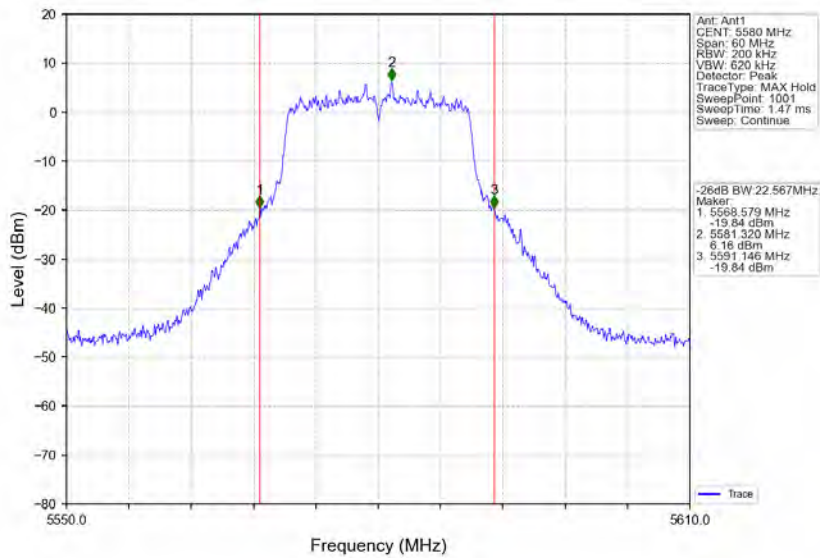
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



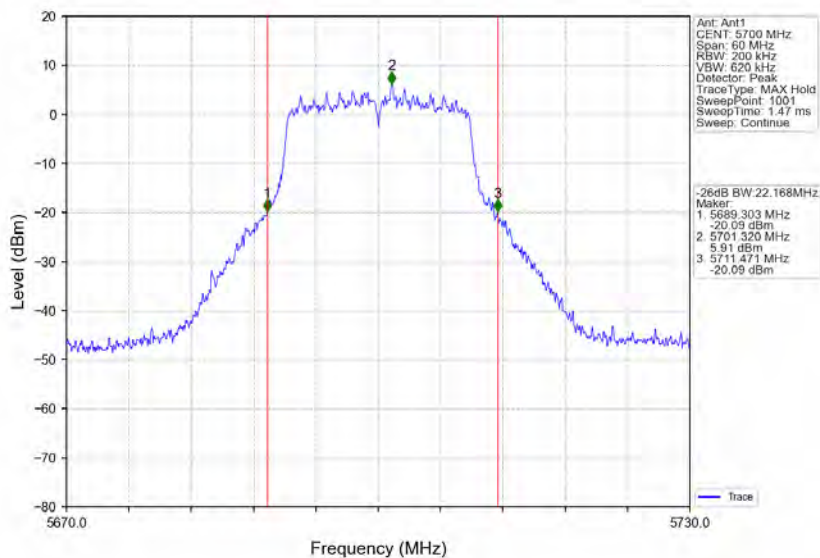
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



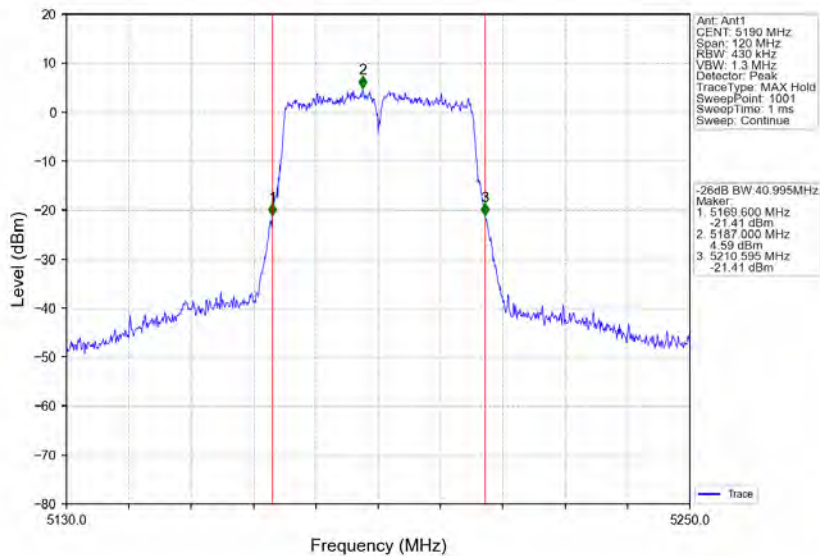
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



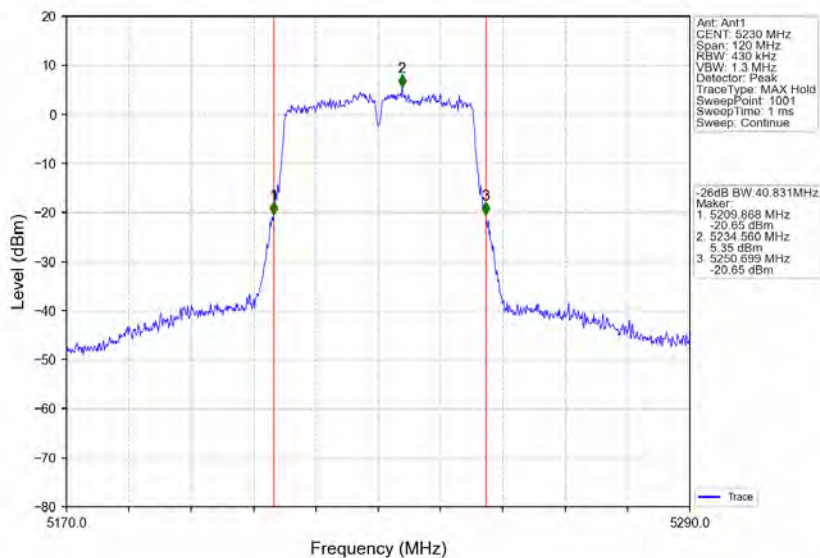
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



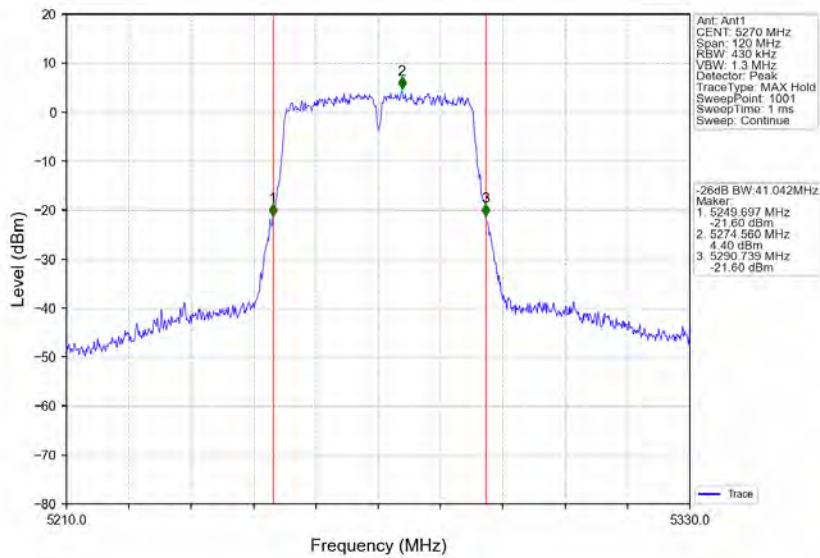
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



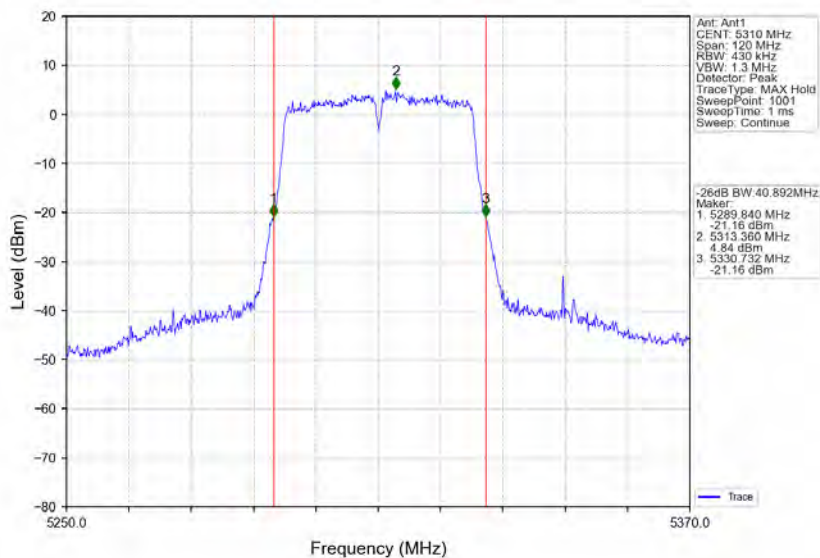
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



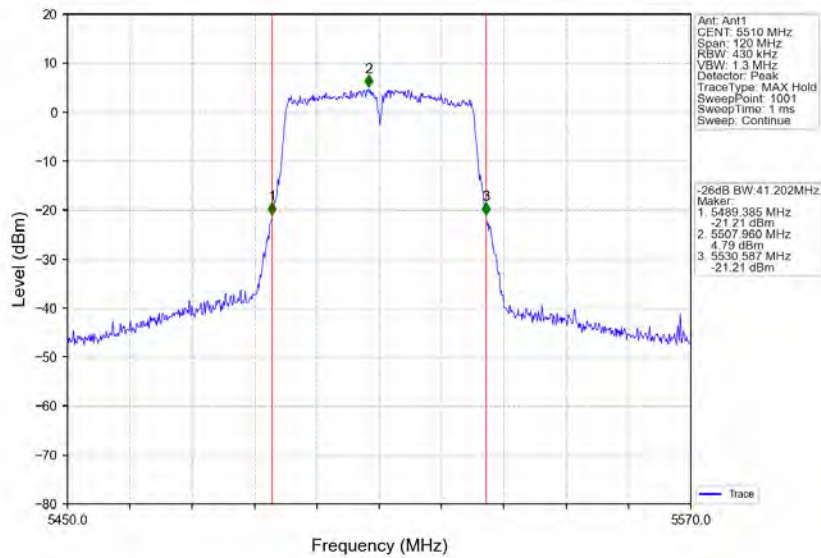
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



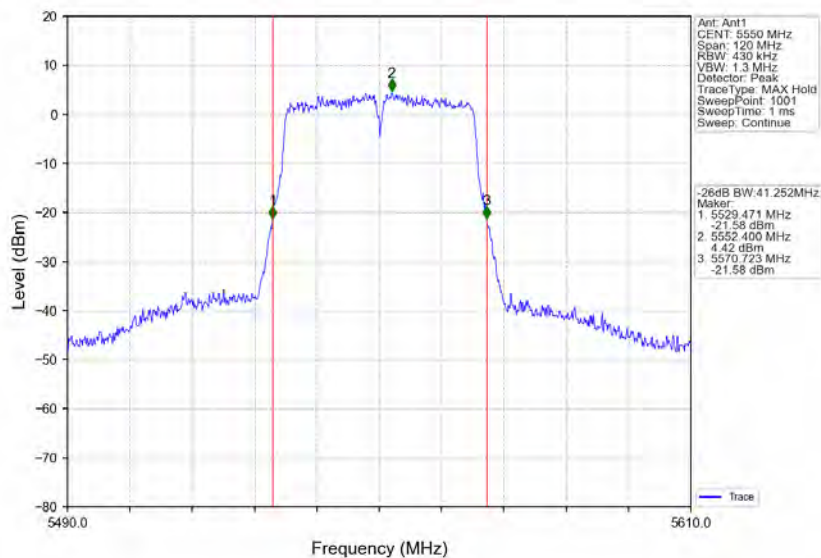
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



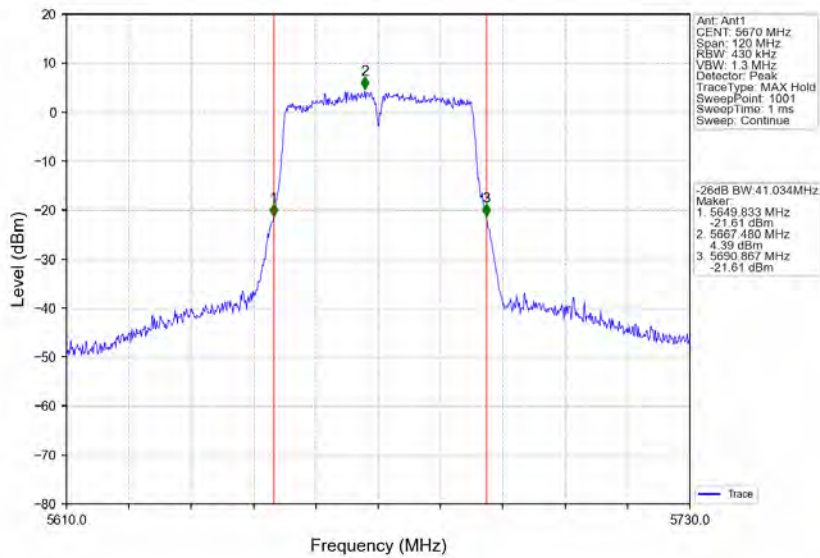
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



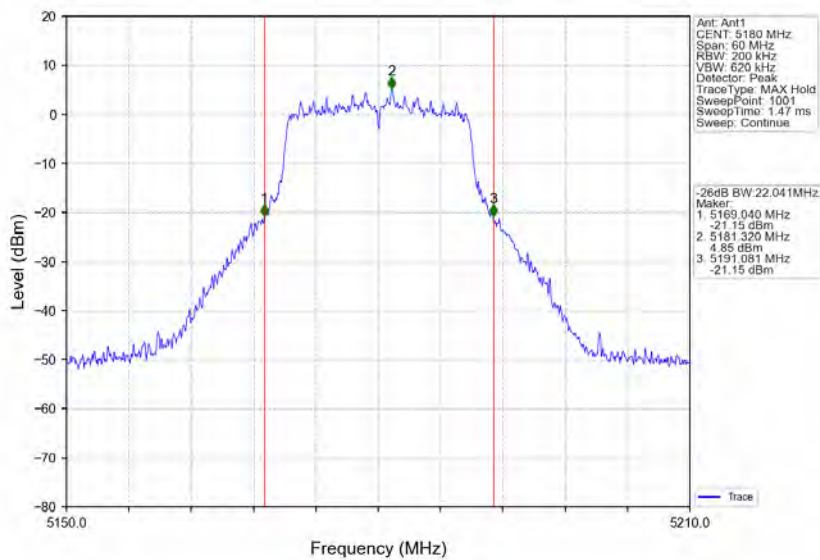
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



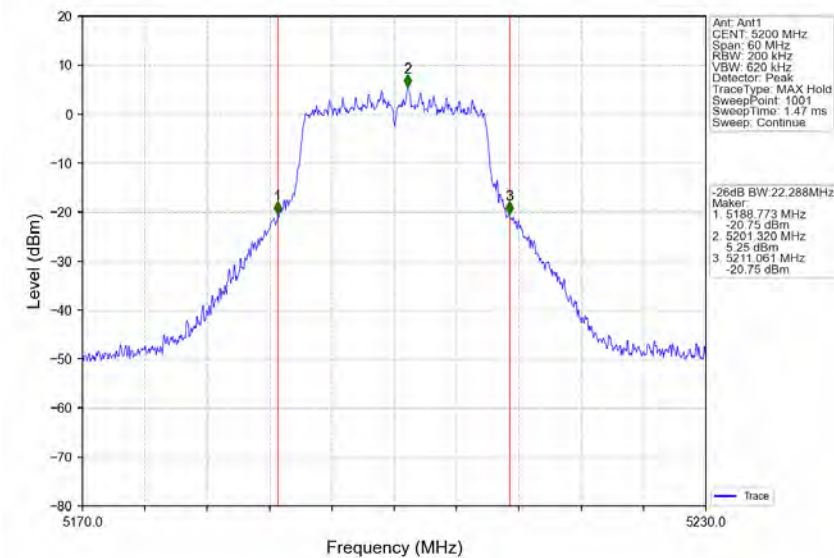
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



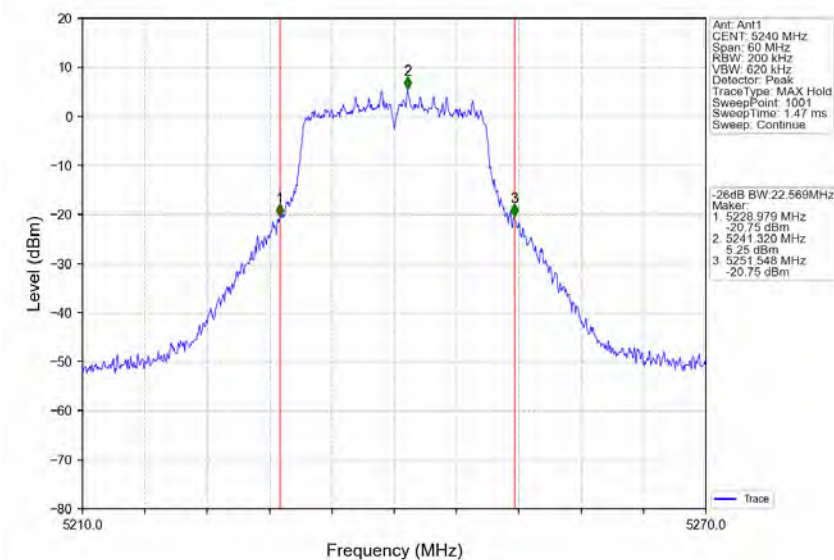
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



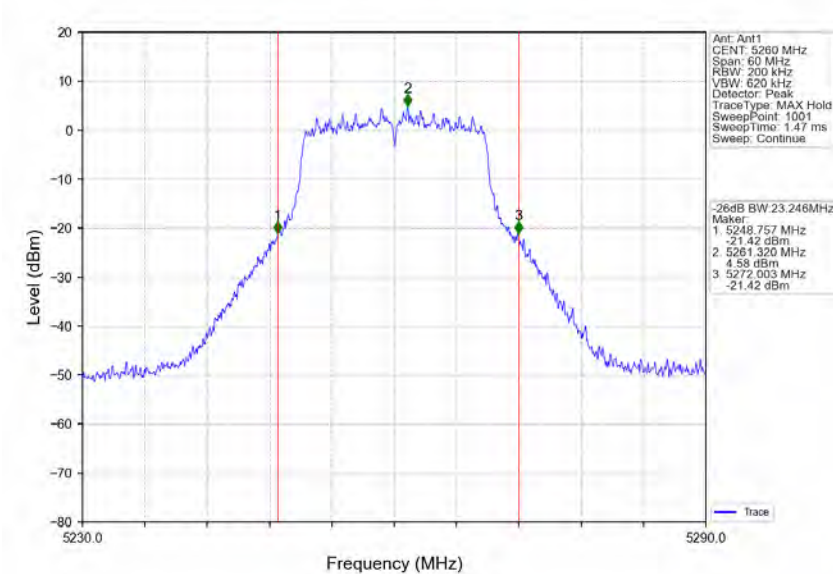
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



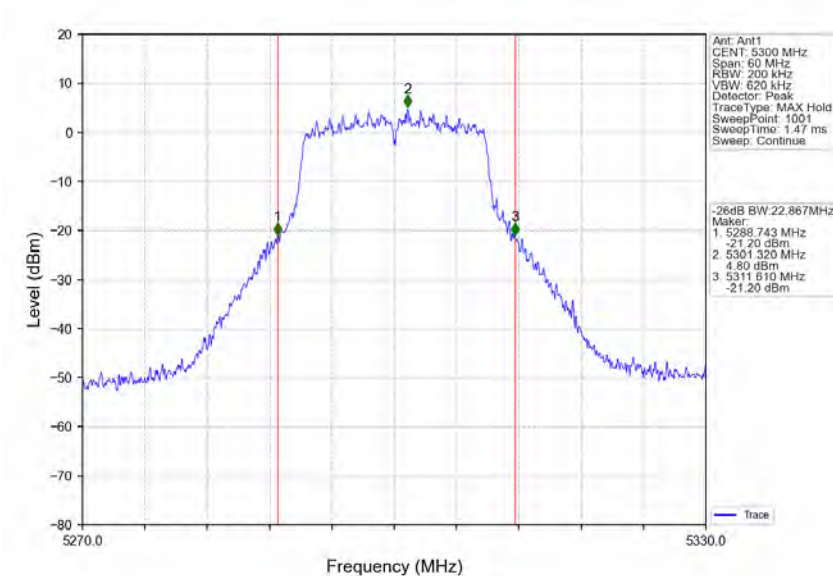
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



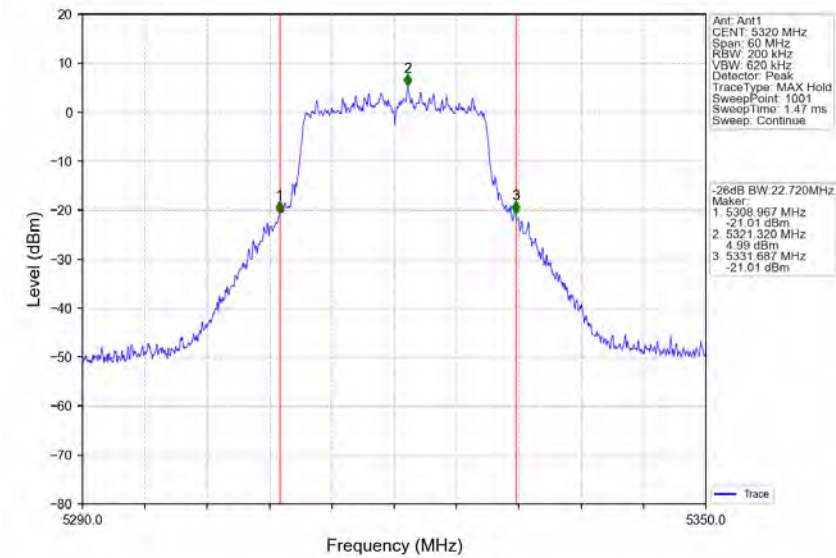
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



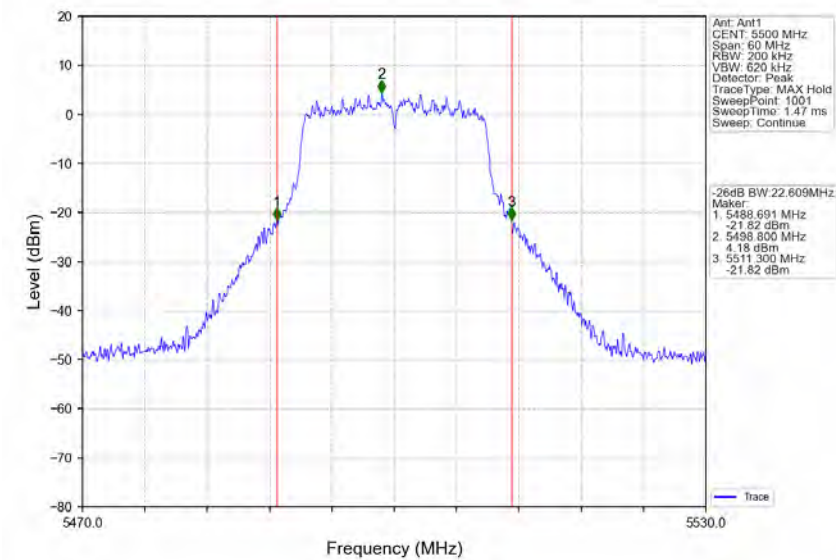
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



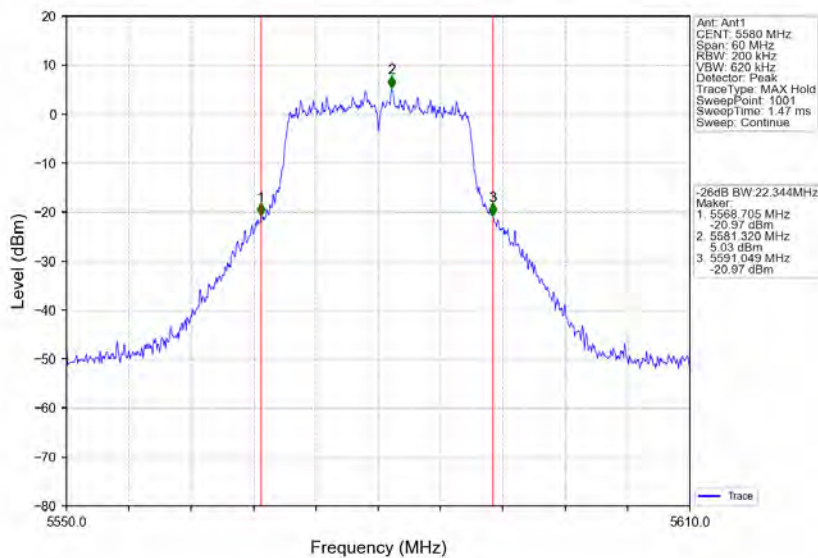
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



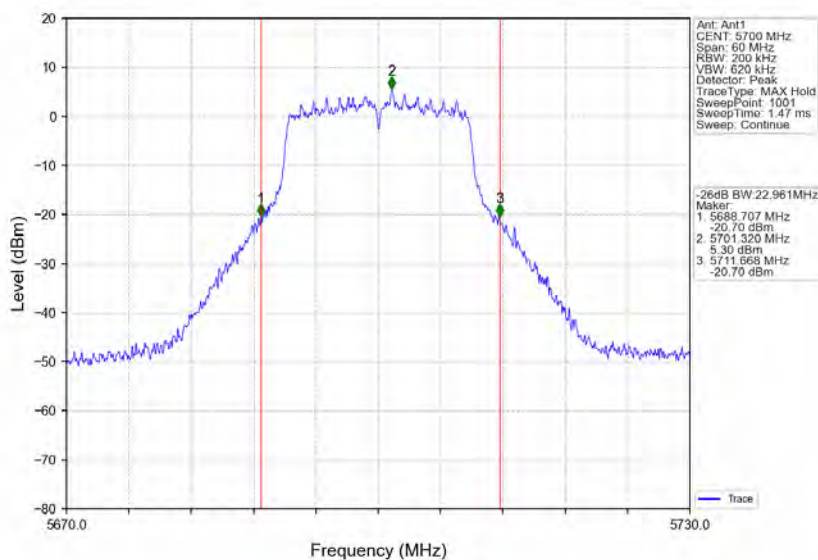
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



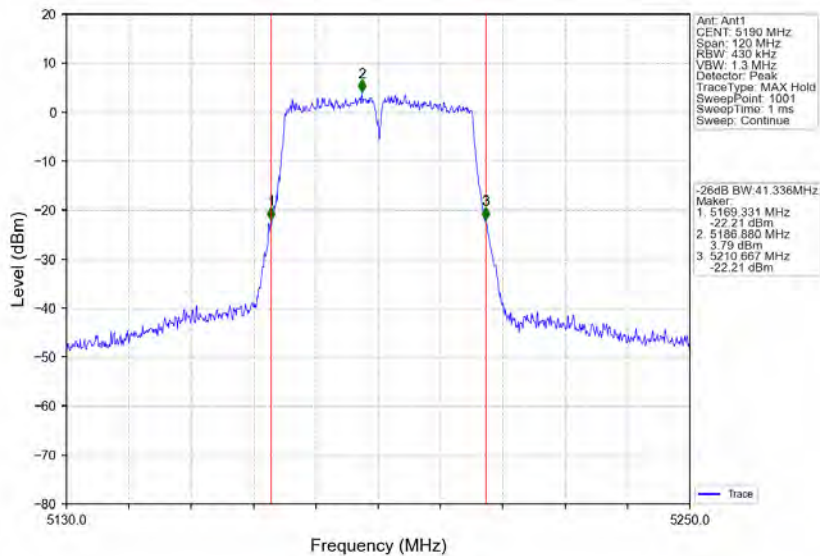
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



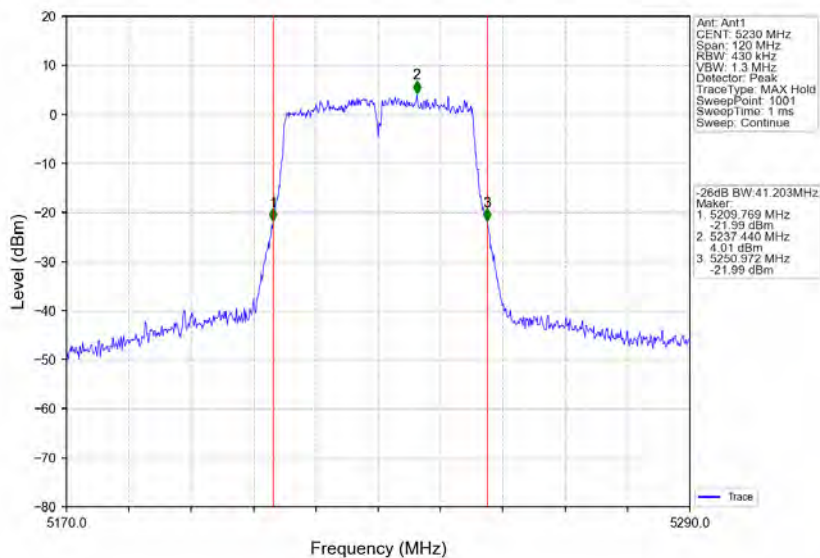
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



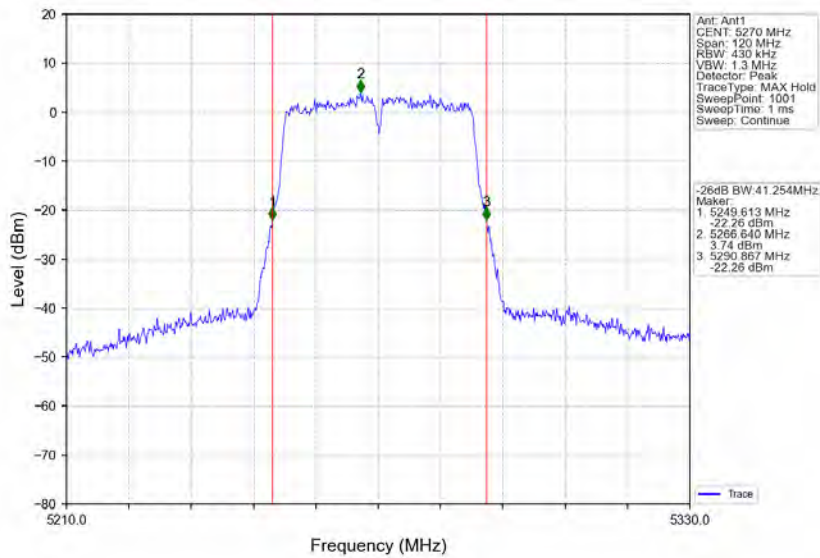
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



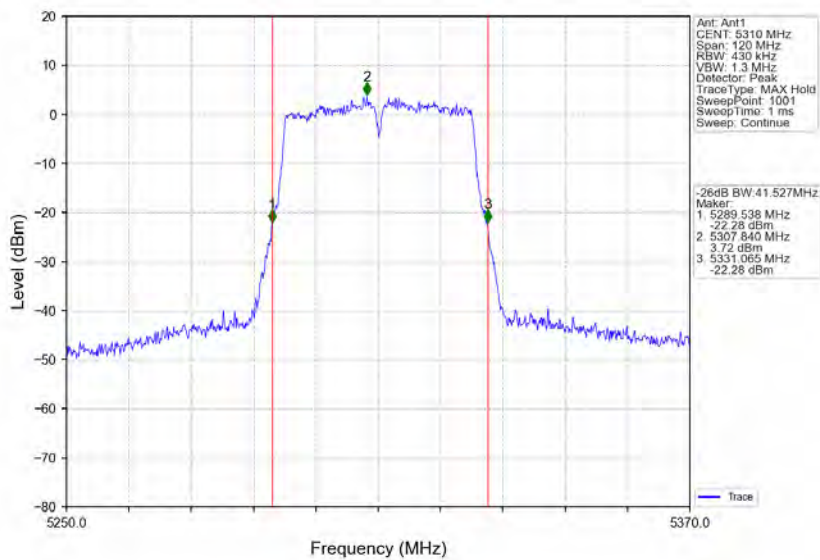
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



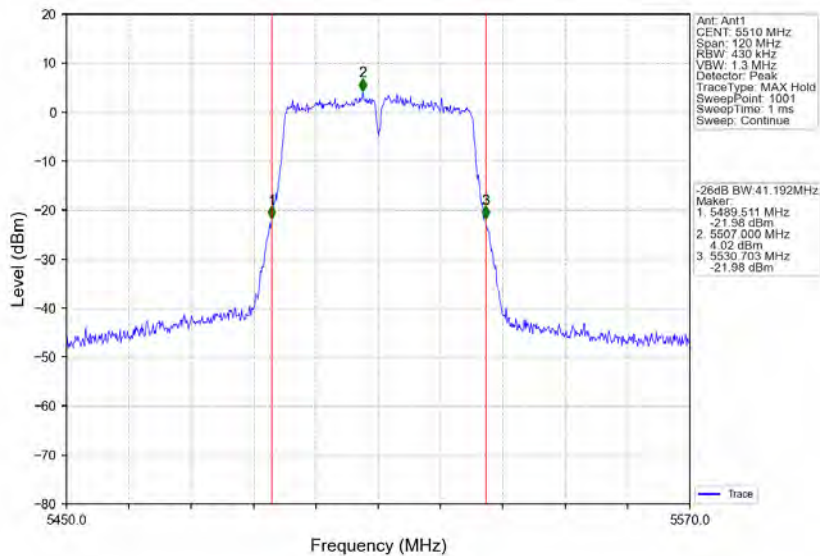
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



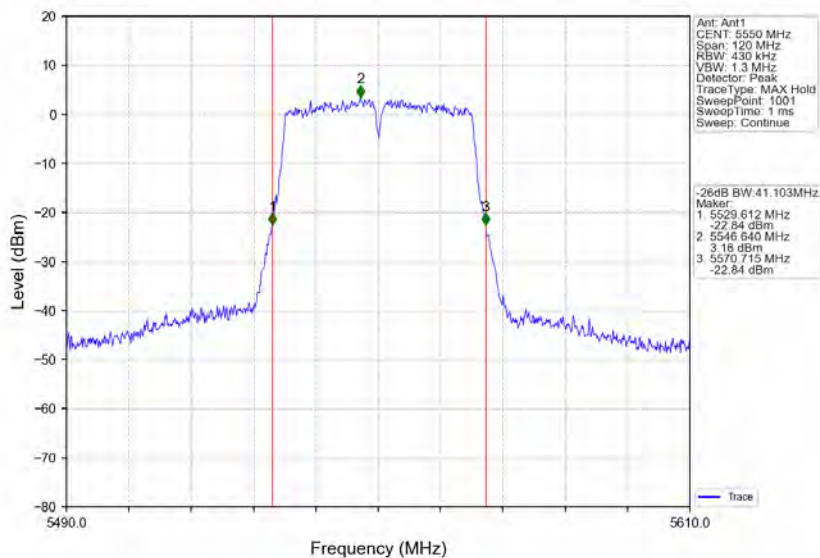
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



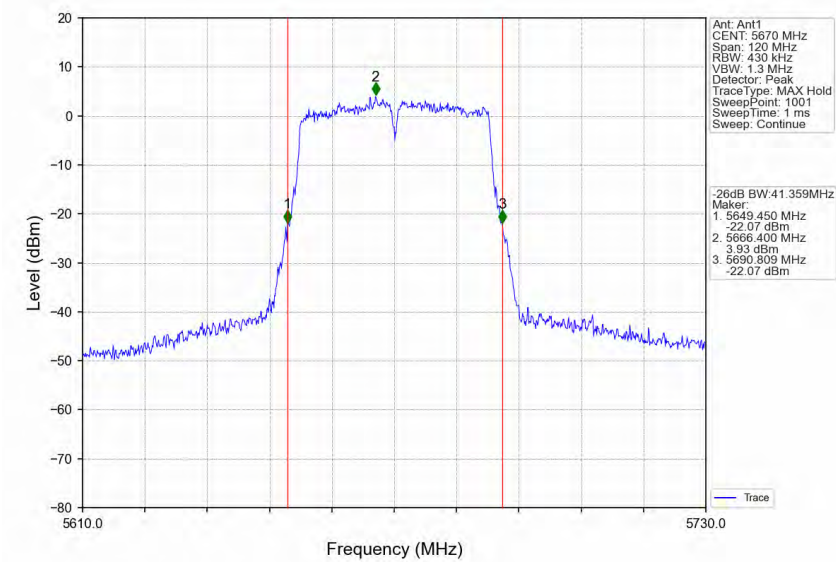
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



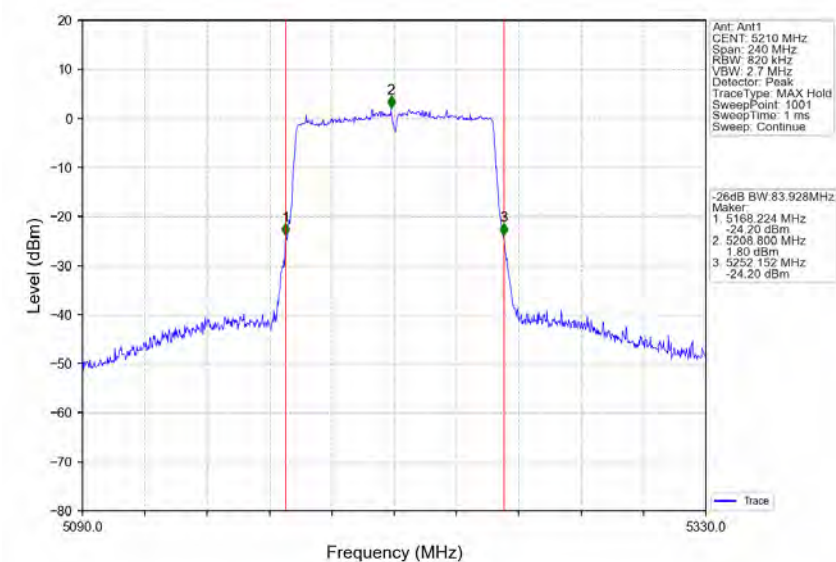
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



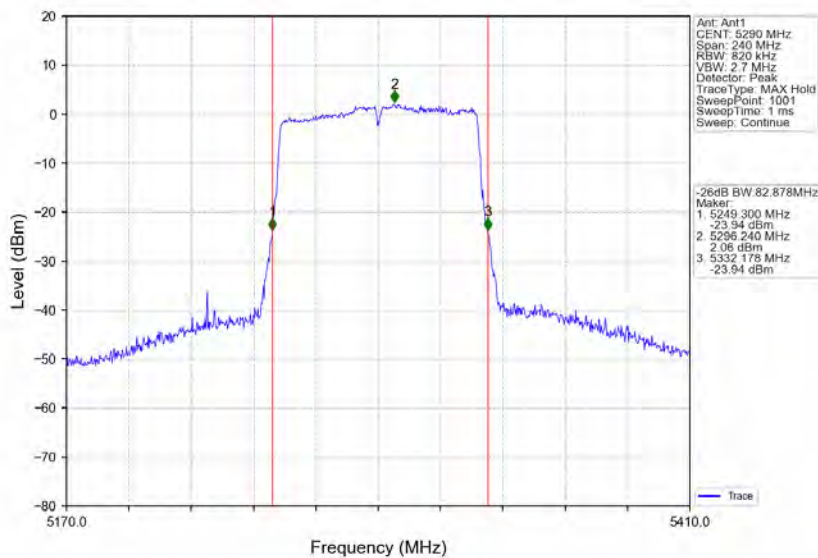
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



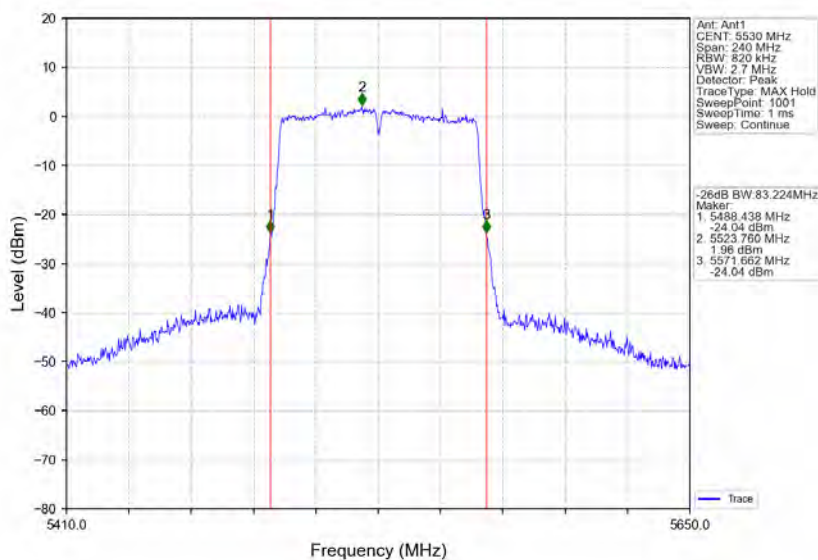
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



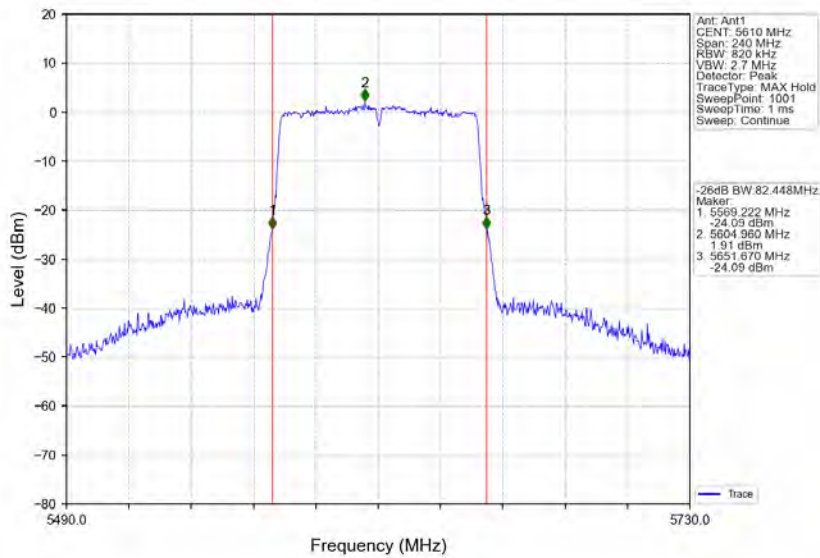
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802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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	Limit	
802.11a	SISO	5180	14.73	≤ 23.98	Pass
		5200	14.84	≤ 23.98	Pass
		5240	15.17	≤ 23.98	Pass
		5260	15.22	≤ 23.98	Pass
		5300	15.07	≤ 23.98	Pass
		5320	15.02	≤ 23.98	Pass
		5500	15.05	≤ 23.98	Pass
		5580	15.00	≤ 23.98	Pass
		5700	15.06	≤ 23.98	Pass
		5745	15.28	≤ 30	Pass
		5785	15.05	≤ 30	Pass
		5825	15.11	≤ 30	Pass
802.11n (HT20)	SISO	5180	14.07	≤ 23.98	Pass
		5200	14.16	≤ 23.98	Pass
		5240	13.95	≤ 23.98	Pass
		5260	13.98	≤ 23.98	Pass
		5300	13.82	≤ 23.98	Pass
		5320	14.31	≤ 23.98	Pass
		5500	14.09	≤ 23.98	Pass
		5580	13.89	≤ 23.98	Pass
		5700	13.95	≤ 23.98	Pass
		5745	14.11	≤ 30	Pass
		5785	13.94	≤ 30	Pass
		5825	14.20	≤ 30	Pass
802.11n (HT40)	SISO	5190	13.93	≤ 23.98	Pass
		5230	14.09	≤ 23.98	Pass
		5270	13.91	≤ 23.98	Pass
		5310	14.06	≤ 23.98	Pass
		5510	14.41	≤ 23.98	Pass
		5550	14.00	≤ 23.98	Pass
		5670	14.08	≤ 23.98	Pass
		5755	14.22	≤ 30	Pass
		5795	14.31	≤ 30	Pass
802.11ac (VHT20)	SISO	5180	12.84	≤ 23.98	Pass
		5200	13.12	≤ 23.98	Pass



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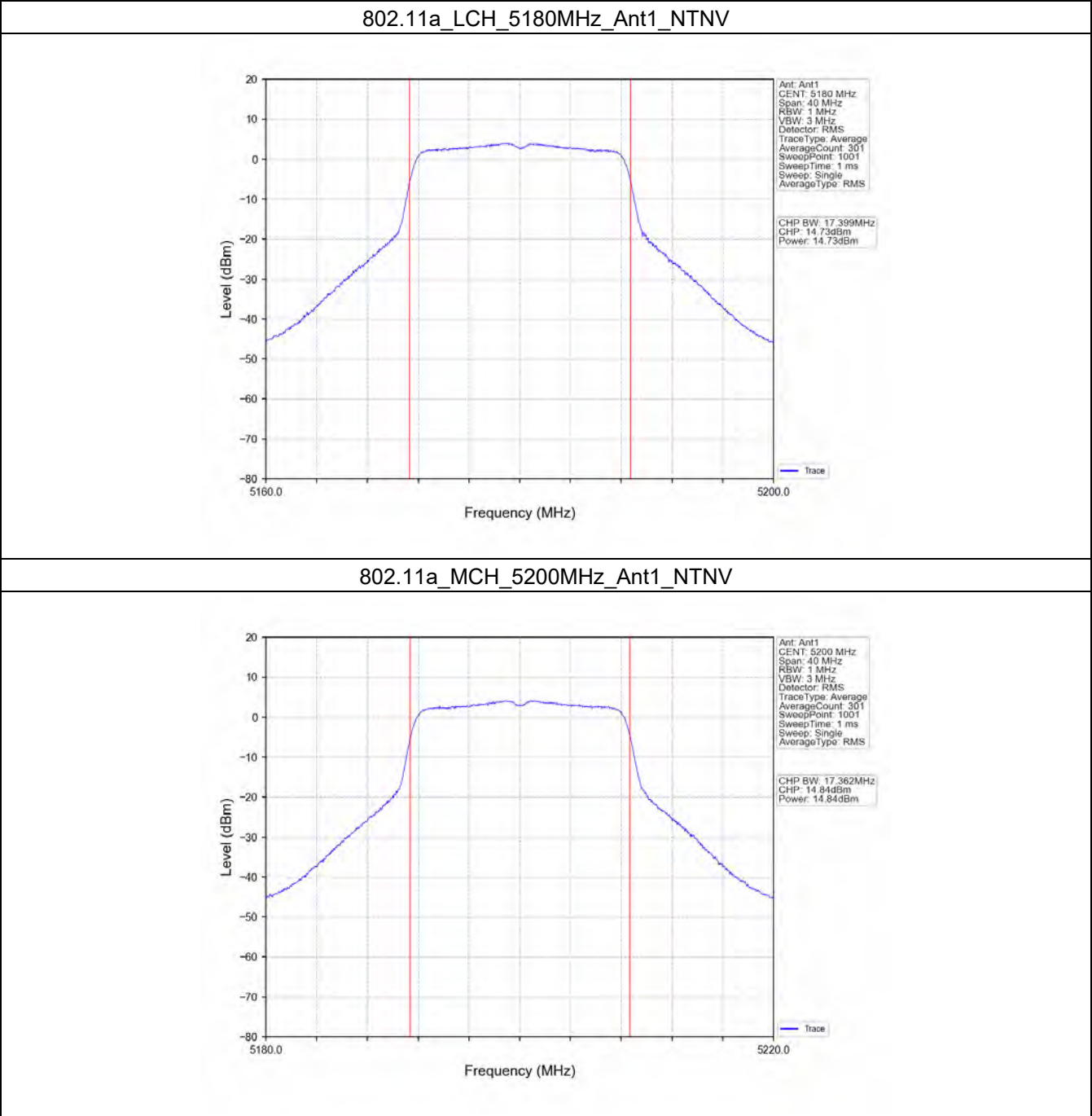
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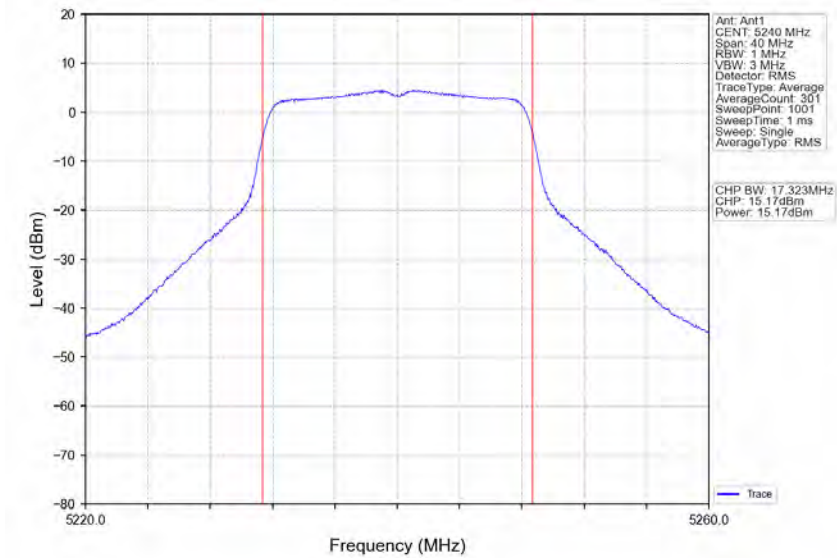
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		5240	13.37	<=23.98	Pass
		5260	12.90	<=23.98	Pass
		5300	13.24	<=23.98	Pass
		5320	12.88	<=23.98	Pass
		5500	13.05	<=23.98	Pass
		5580	12.95	<=23.98	Pass
		5700	13.36	<=23.98	Pass
		5745	13.09	<=30	Pass
		5785	12.89	<=30	Pass
		5825	13.05	<=30	Pass
802.11ac (VHT40)	SISO	5190	13.06	<=23.98	Pass
		5230	13.25	<=23.98	Pass
		5270	13.31	<=23.98	Pass
		5310	12.80	<=23.98	Pass
		5510	13.13	<=23.98	Pass
		5550	13.10	<=23.98	Pass
		5670	13.16	<=23.98	Pass
		5755	13.39	<=30	Pass
		5795	12.74	<=30	Pass
802.11ac (VHT80)	SISO	5210	12.11	<=23.98	Pass
		5290	12.35	<=23.98	Pass
		5530	12.10	<=23.98	Pass
		5610	12.18	<=23.98	Pass
		5775	12.21	<=30	Pass
Note1: Antenna Gain: U-NII-1:1.98dBi, U-NII-2A:2.07dBi, U-NII-2C:2.08dBi, U-NII-3:2.12dBi					

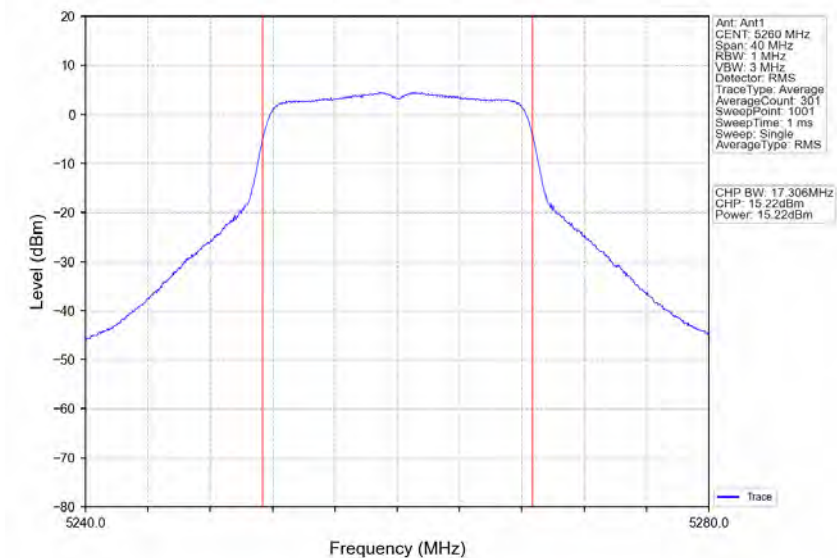
3.1.2 Test Graph



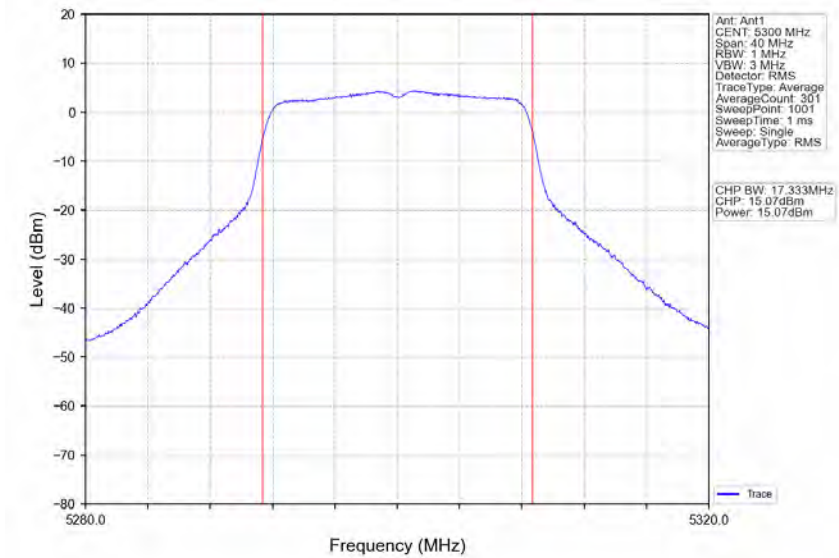
802.11a_HCH_5240MHz_Ant1_NTNV



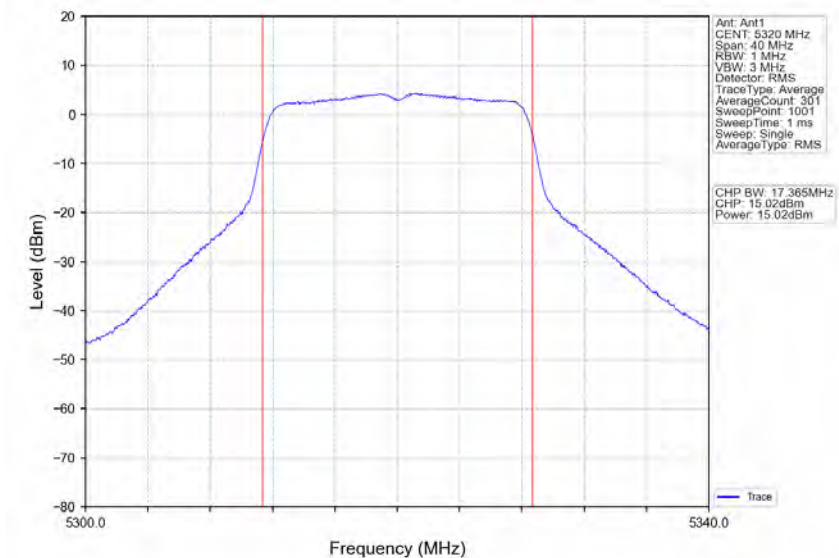
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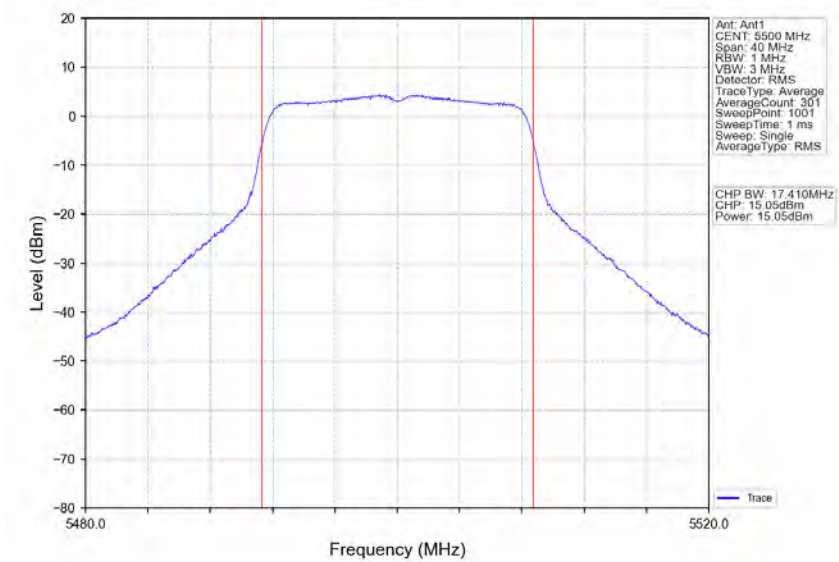
802.11a_MCH_5300MHz_Ant1_NTNV



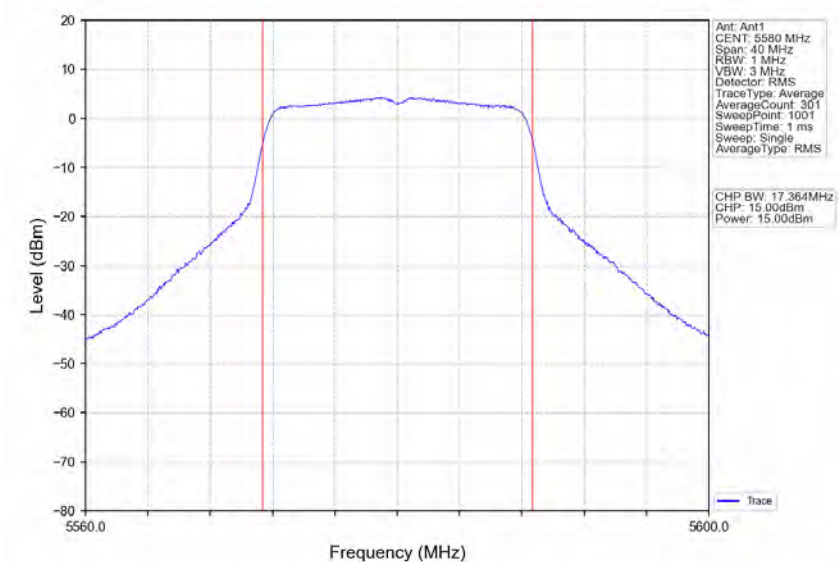
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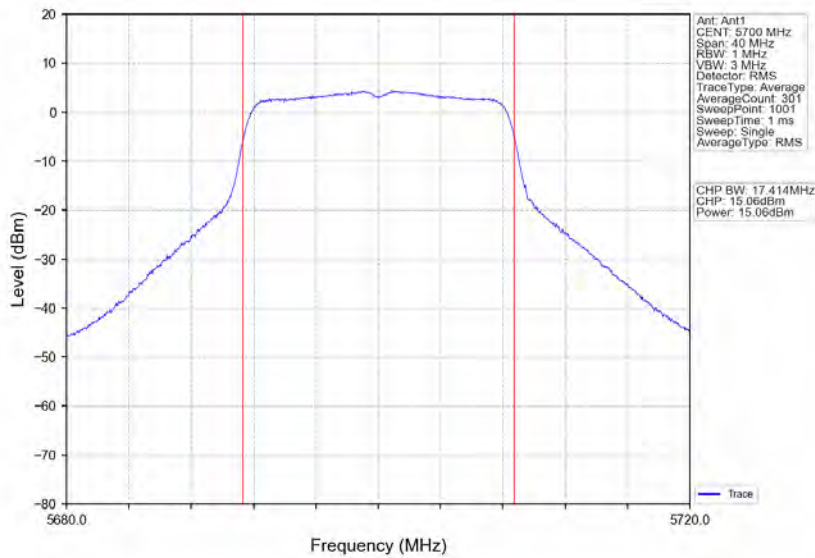
802.11a_LCH_5500MHz_Ant1_NTNV



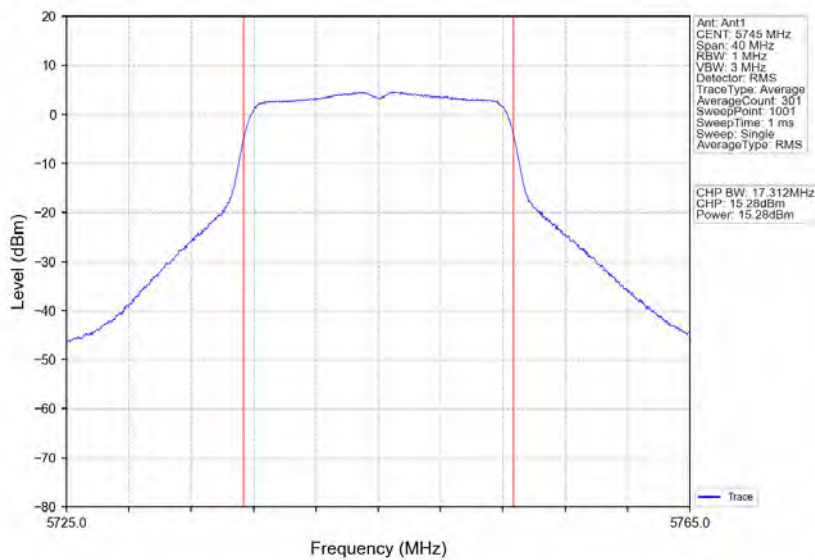
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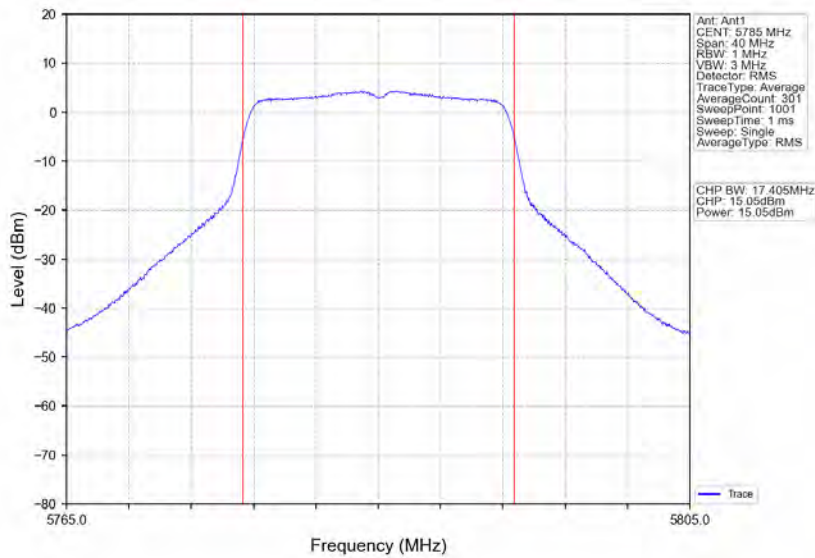
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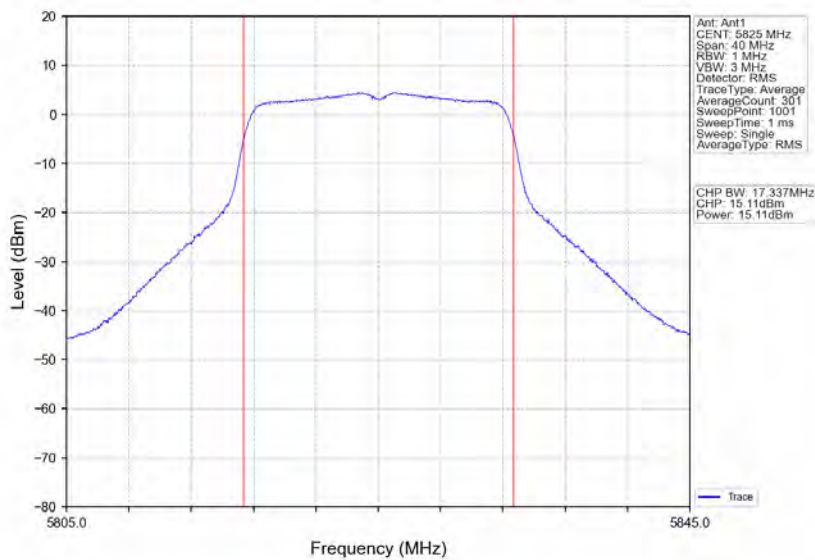
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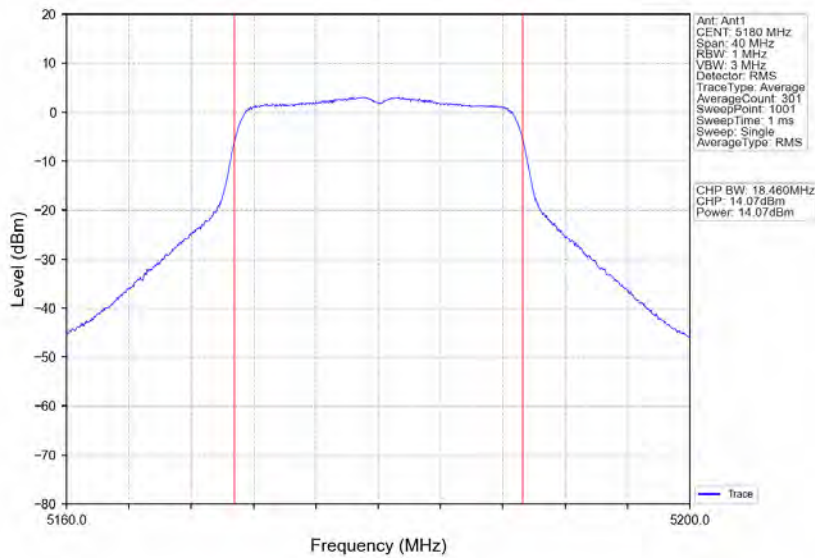
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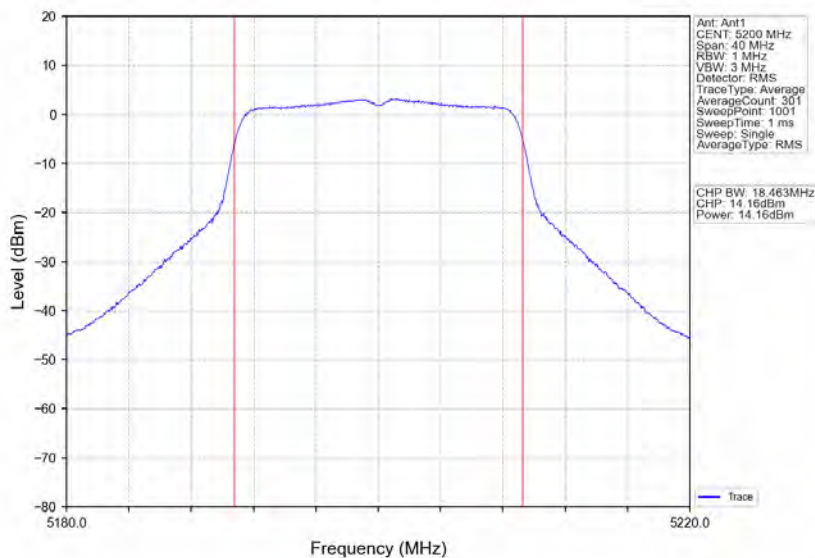
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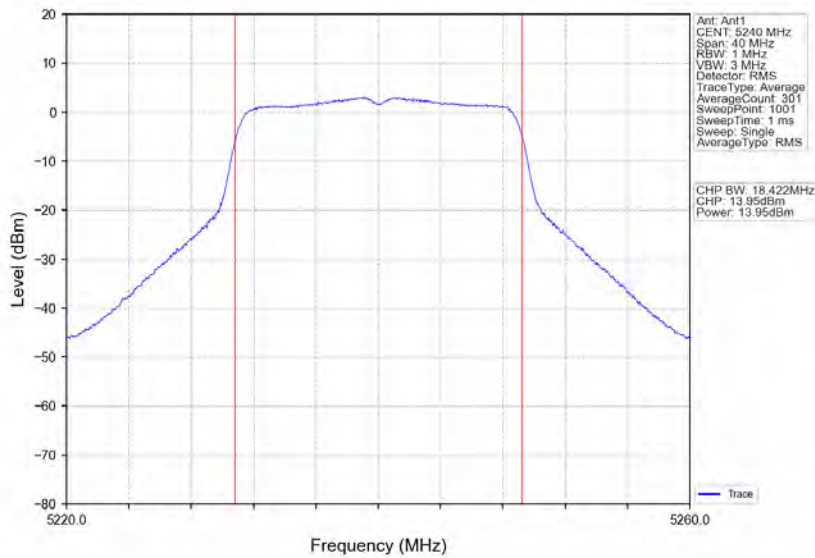
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



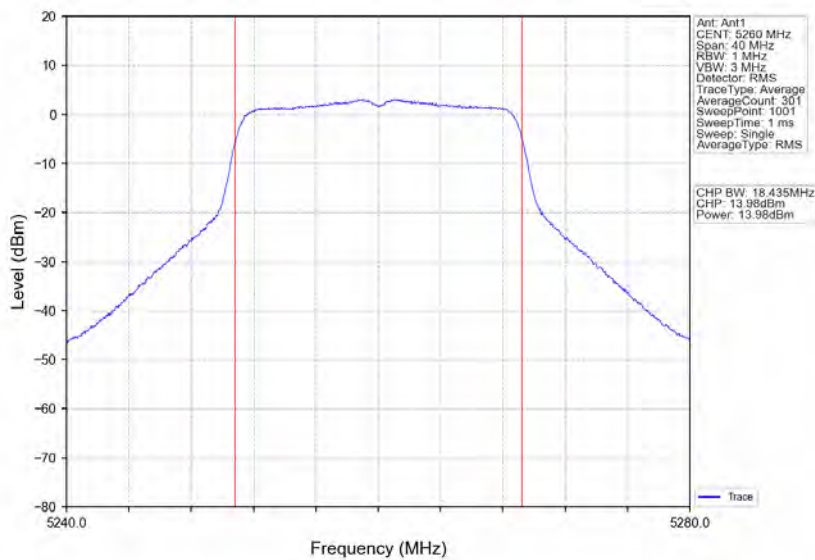
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



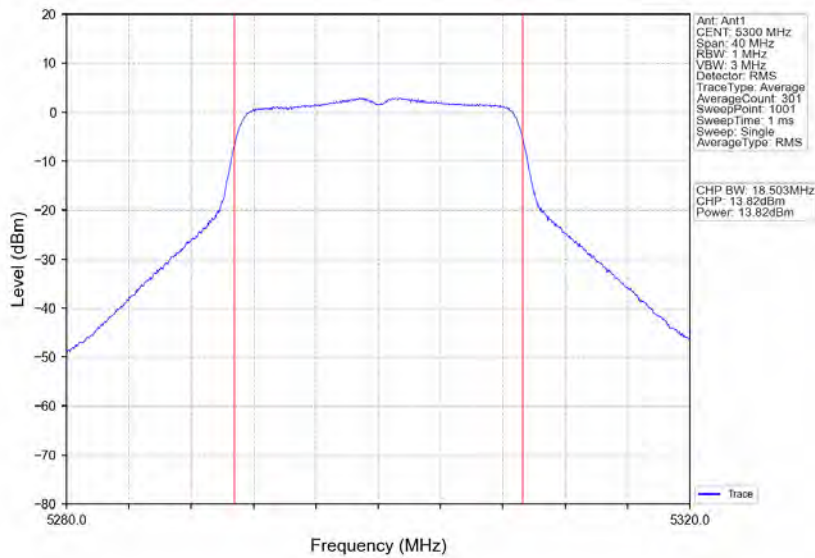
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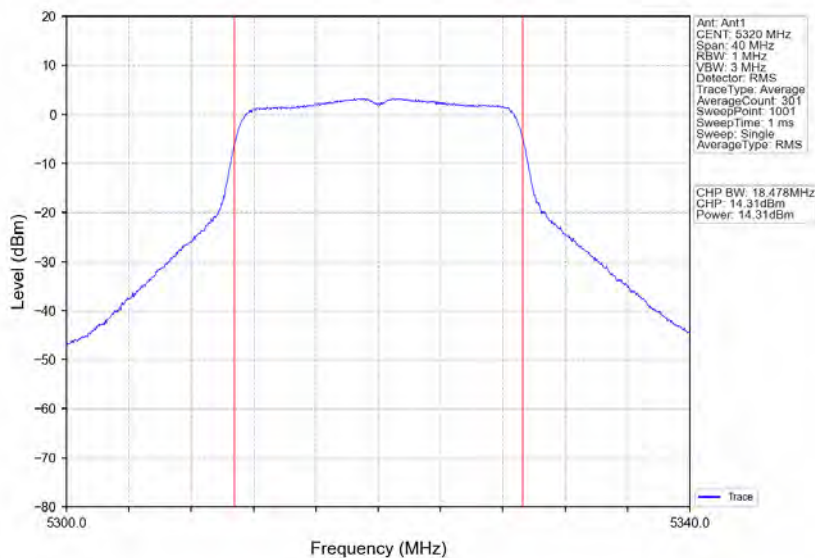
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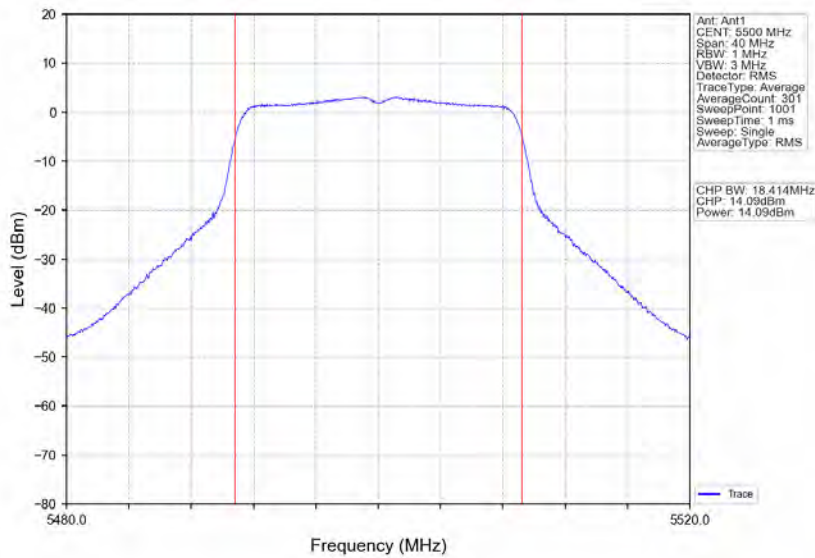
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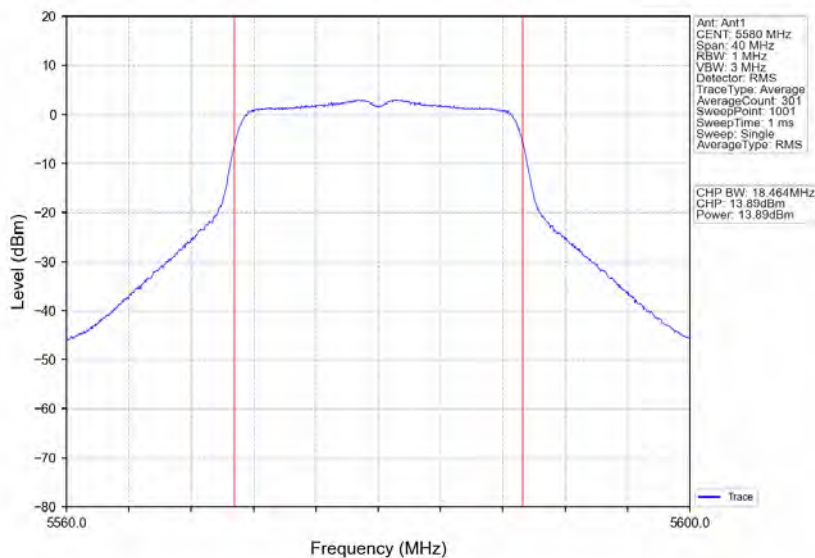
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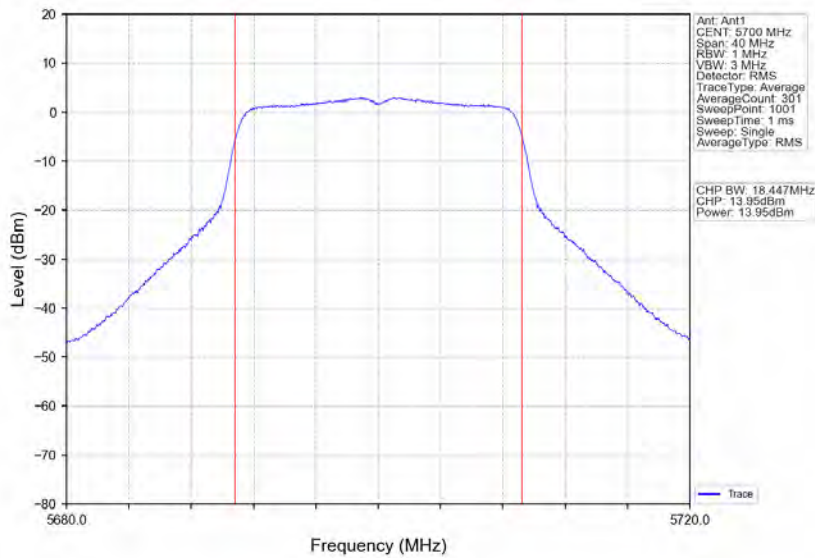
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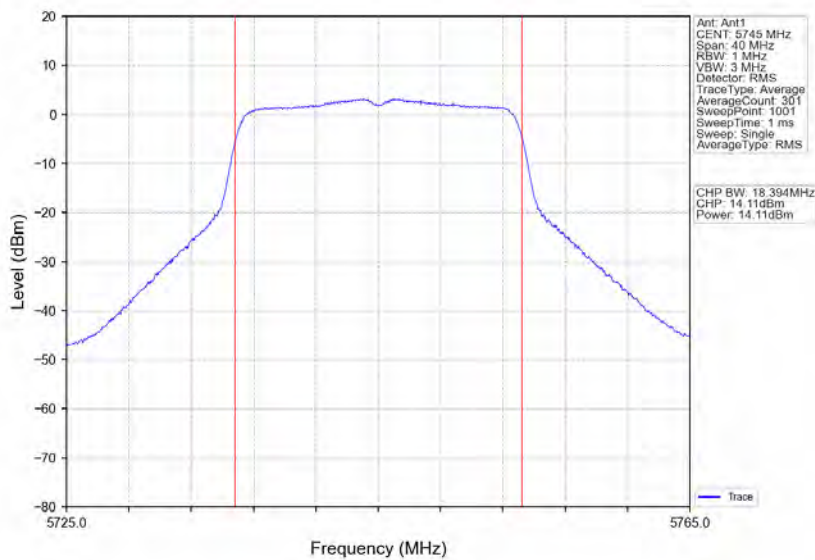
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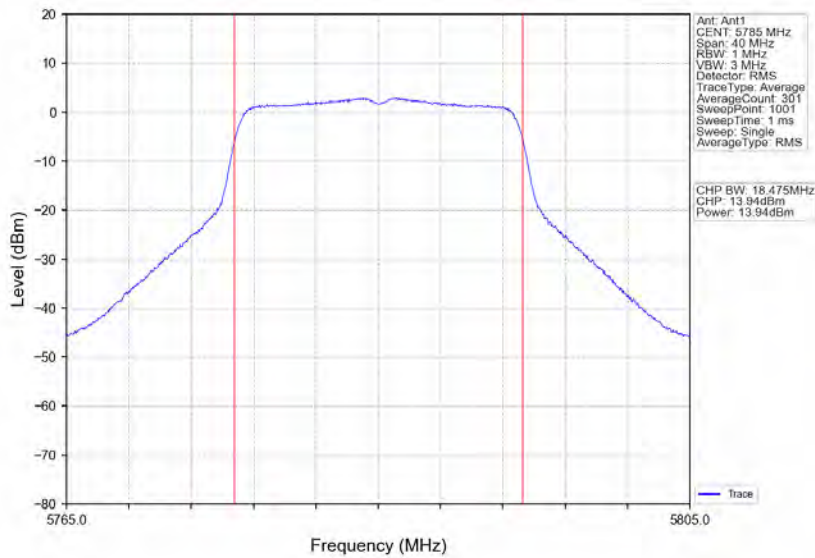
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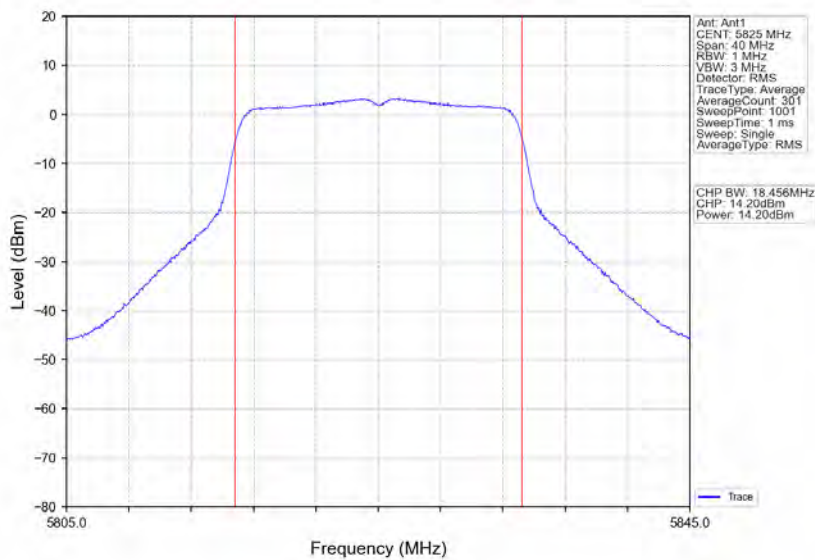
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



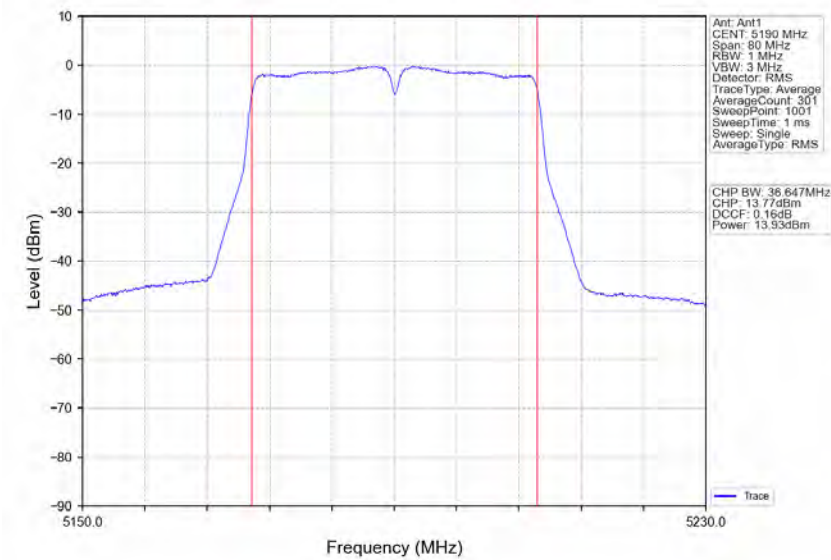
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



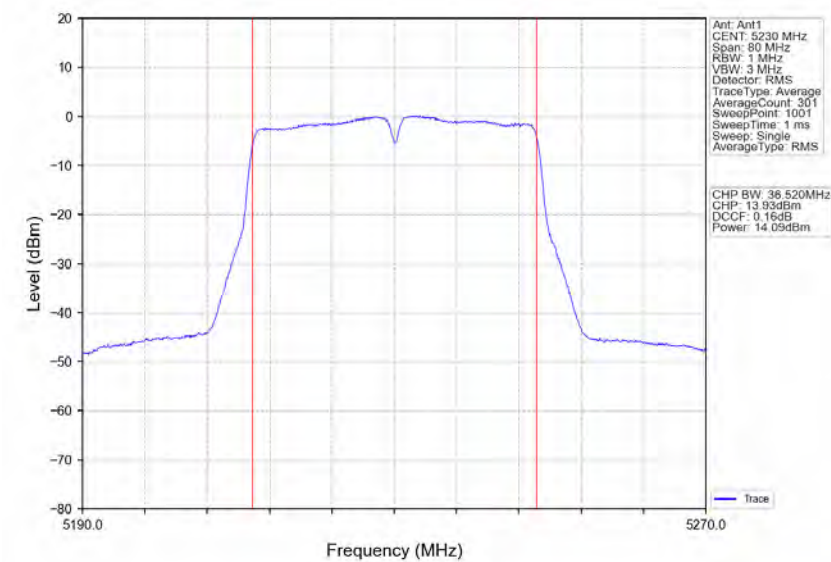
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



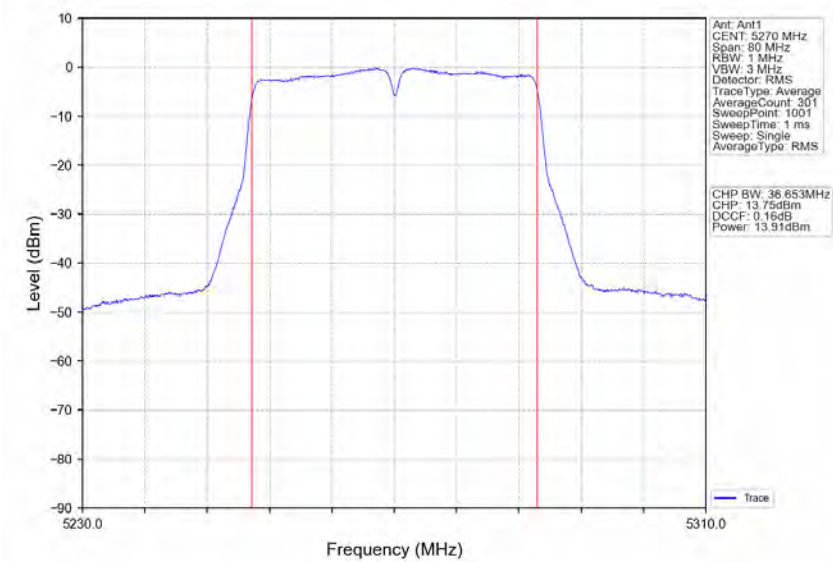
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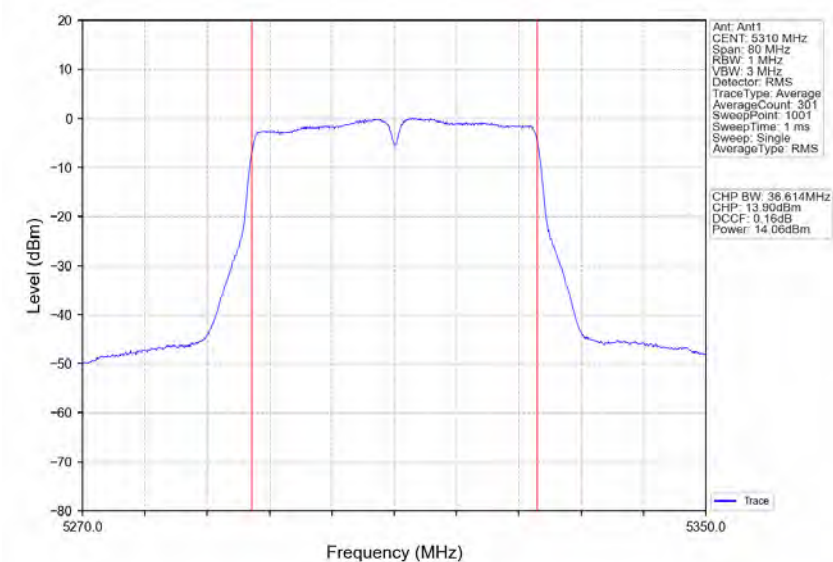
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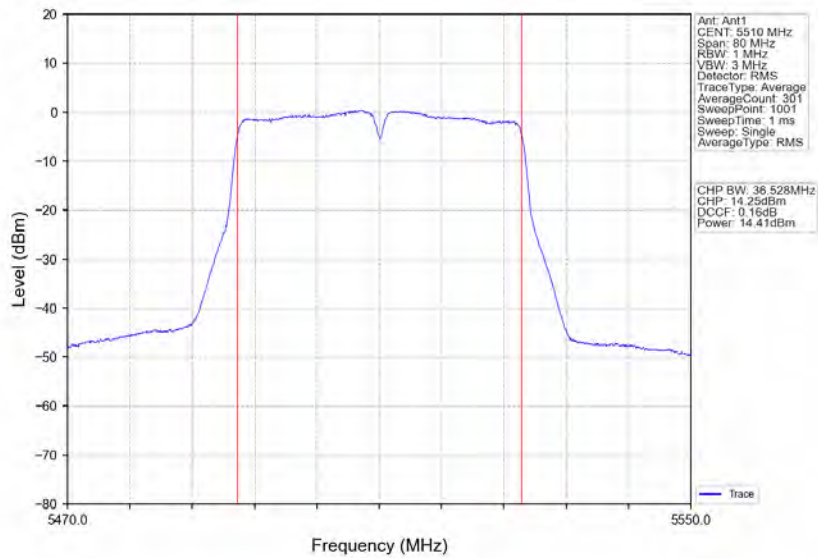
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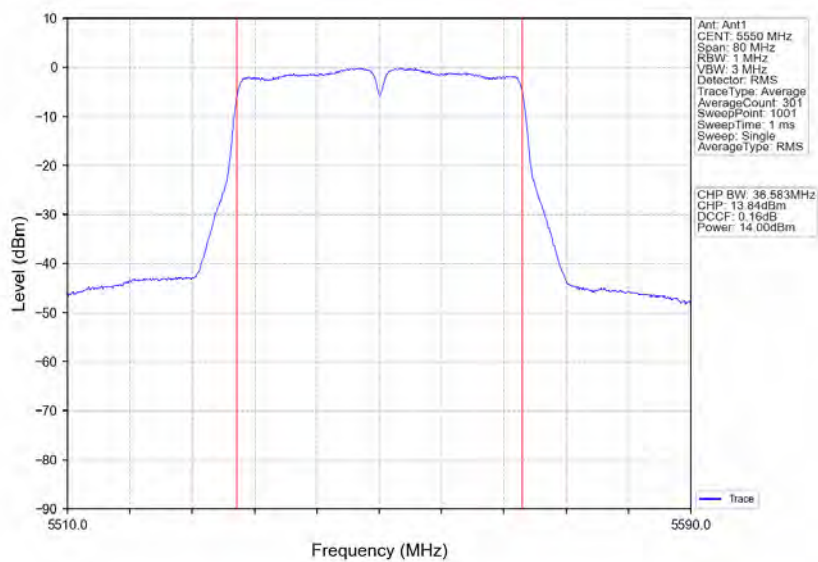
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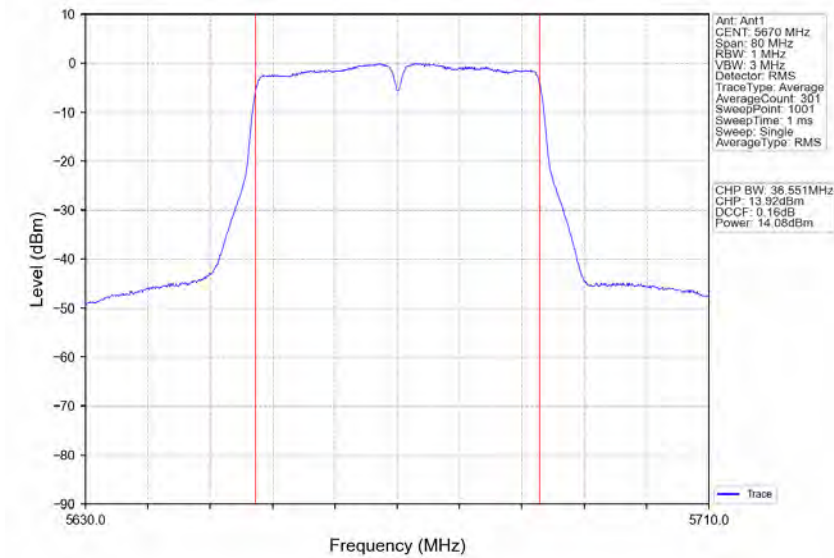
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



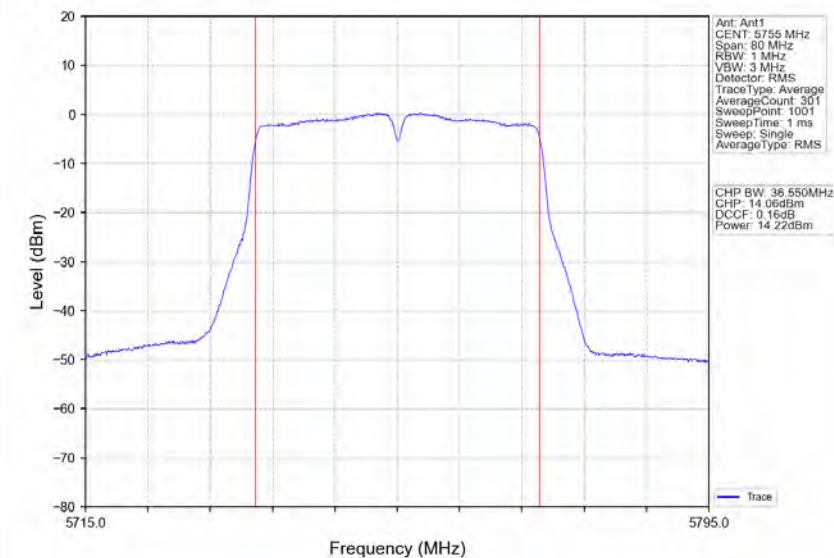
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



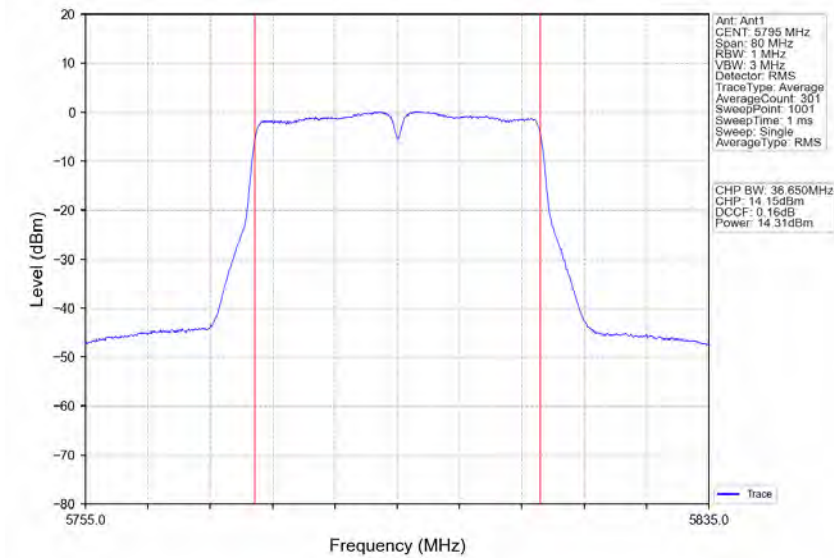
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



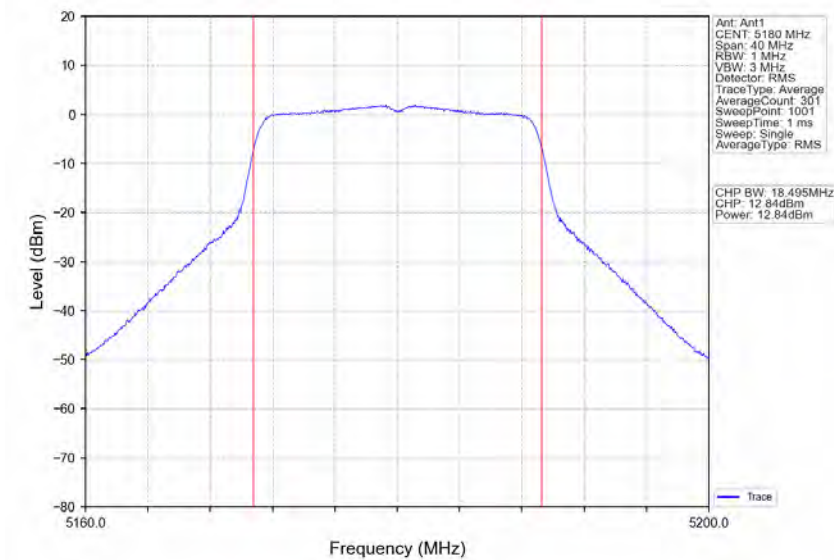
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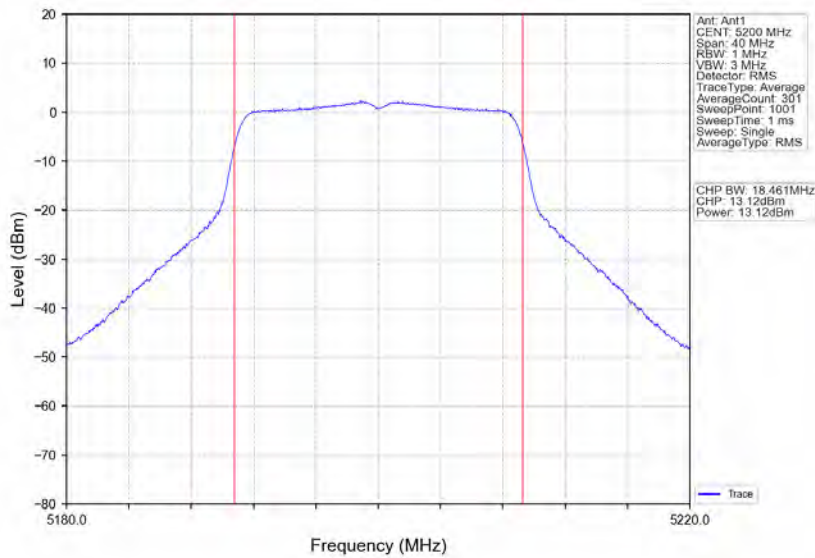
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



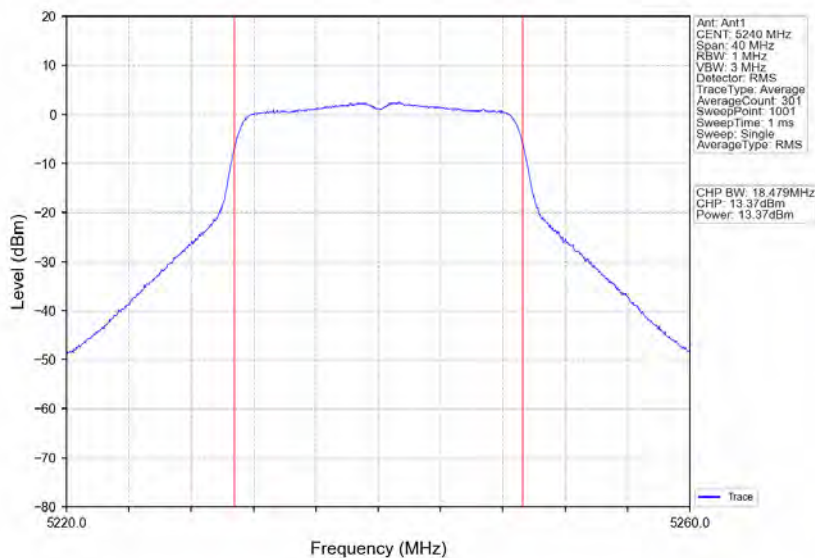
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



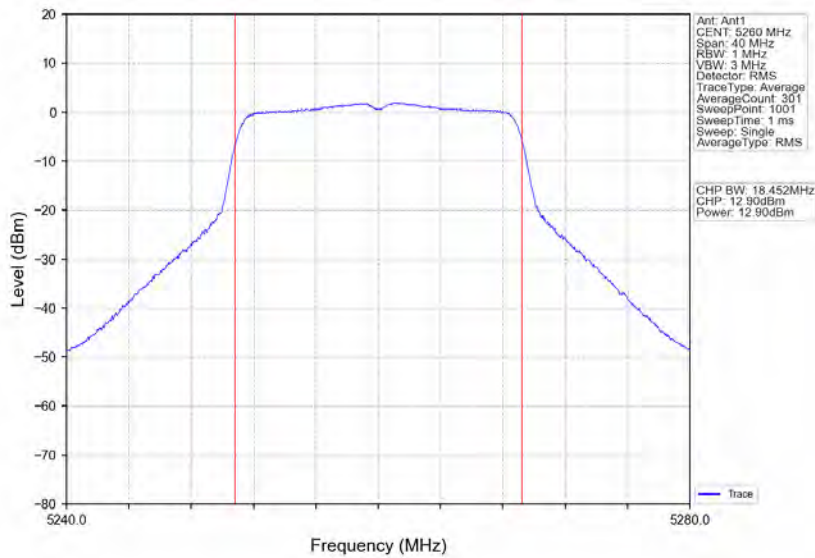
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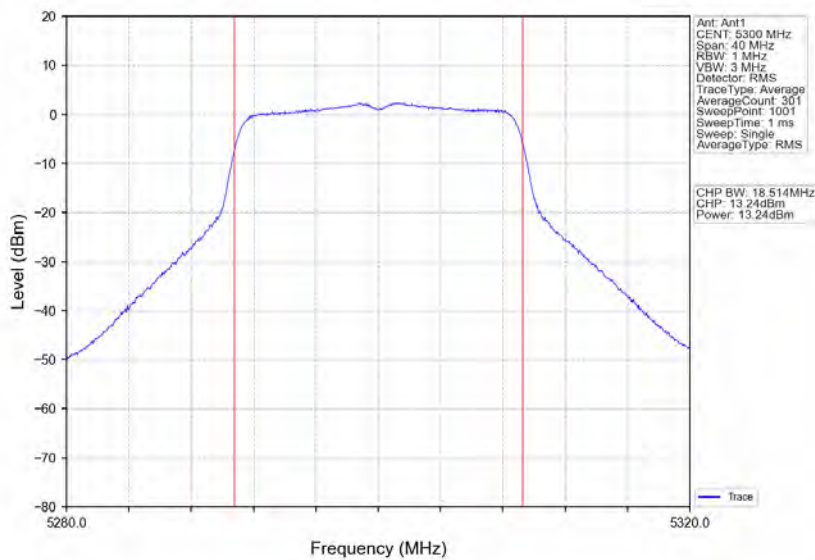
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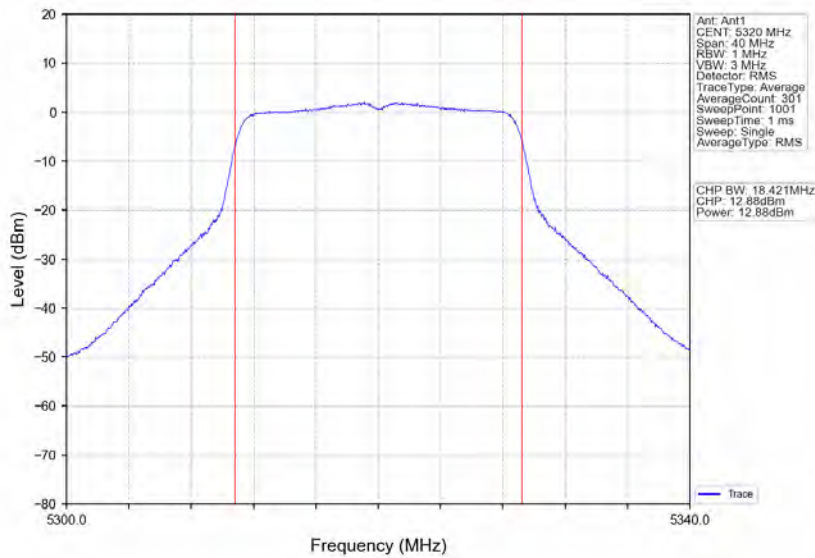
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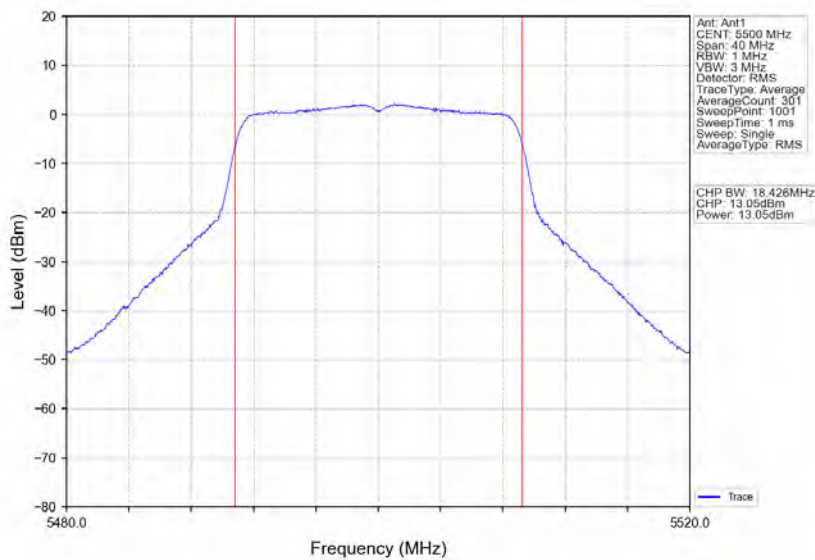
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



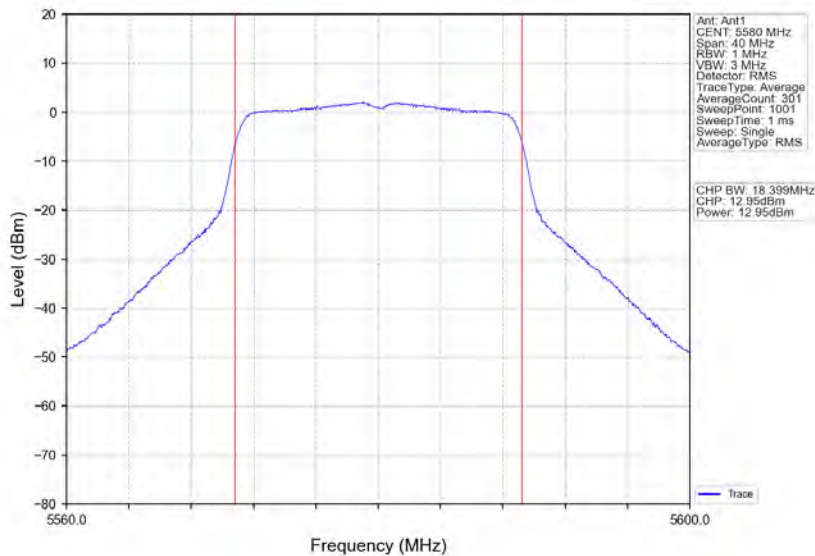
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



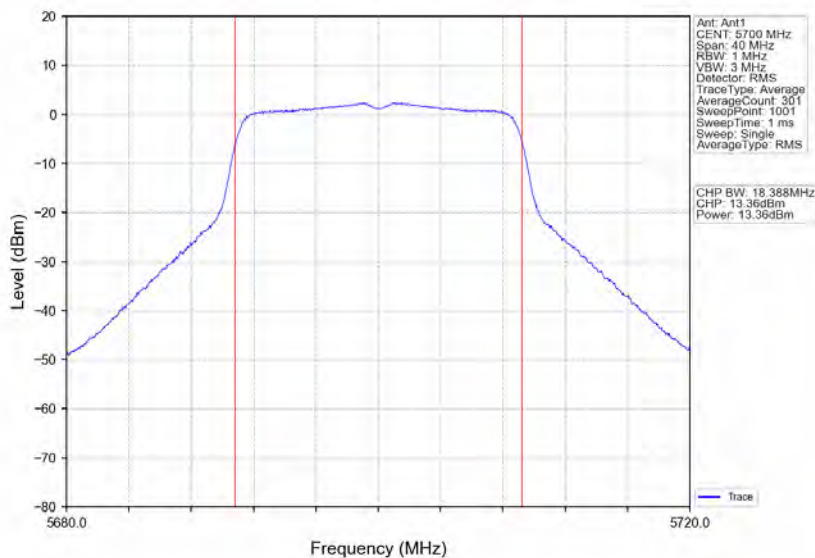
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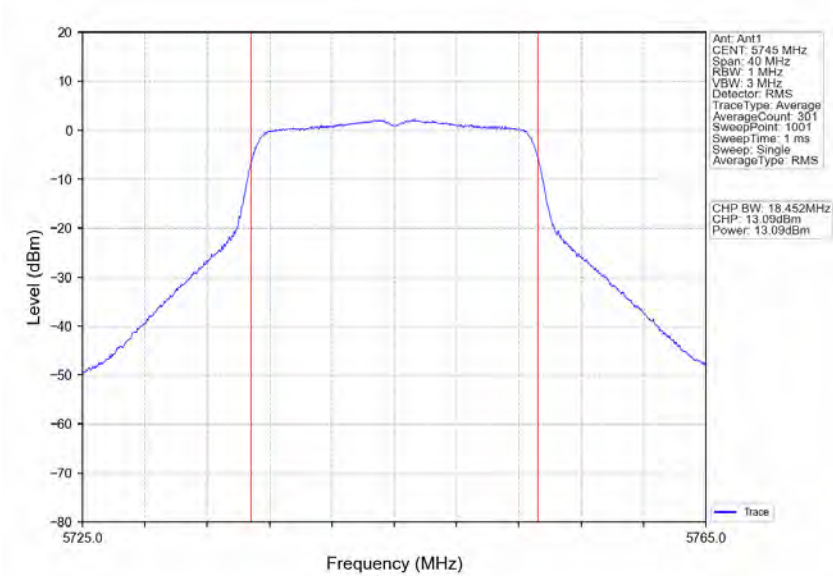
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



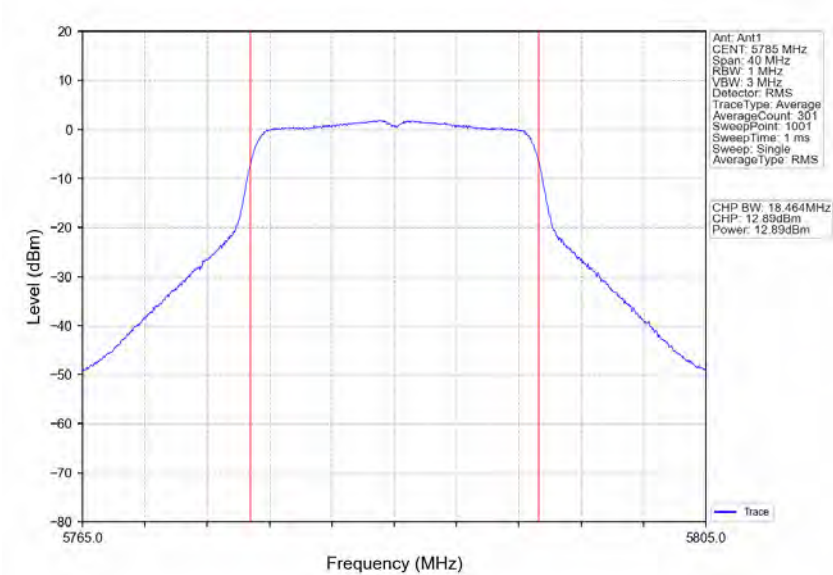
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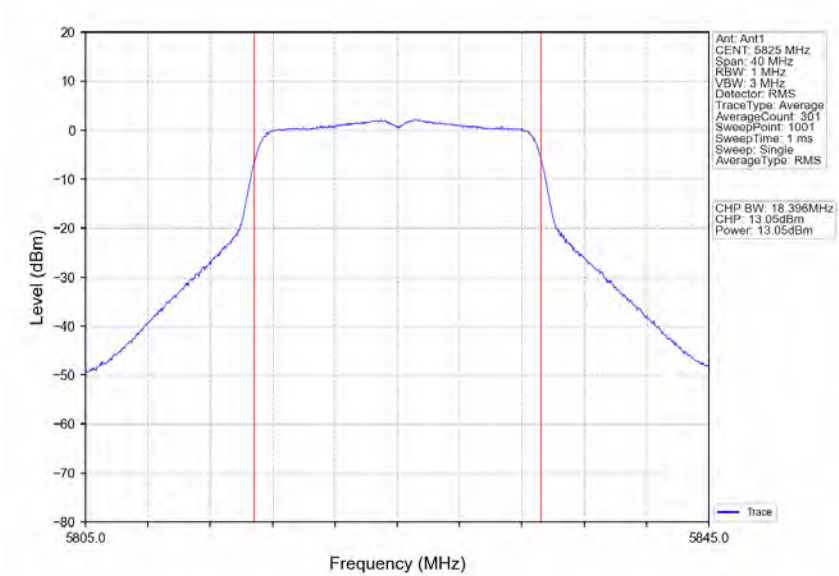
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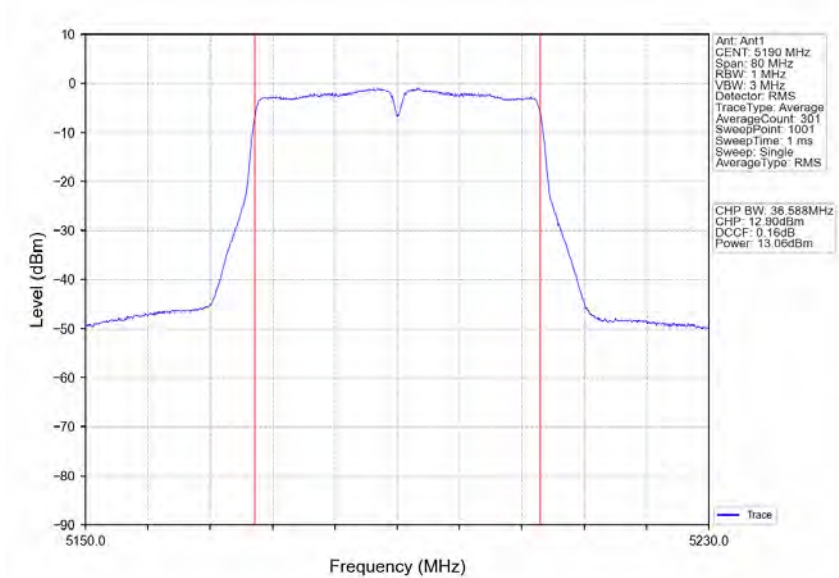
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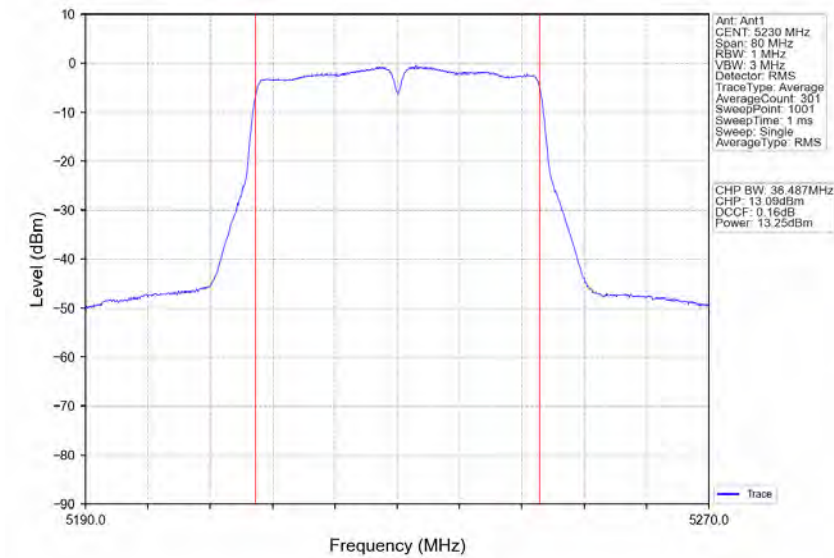
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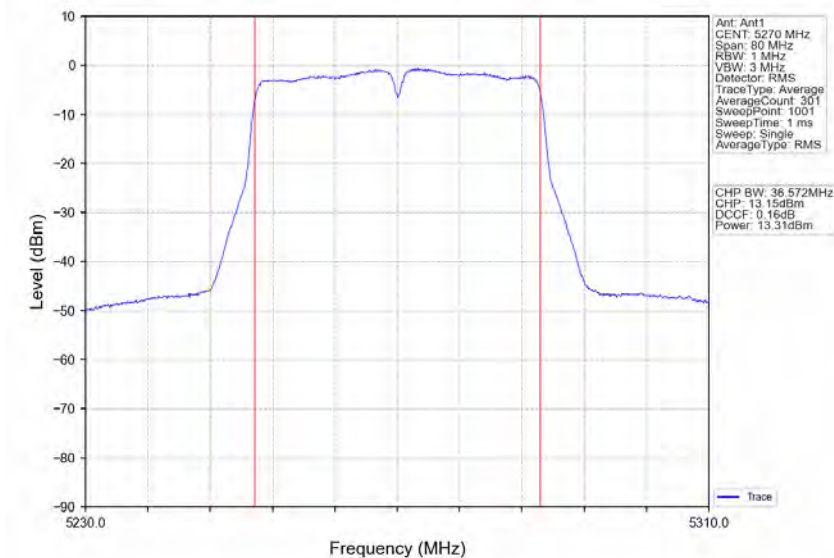
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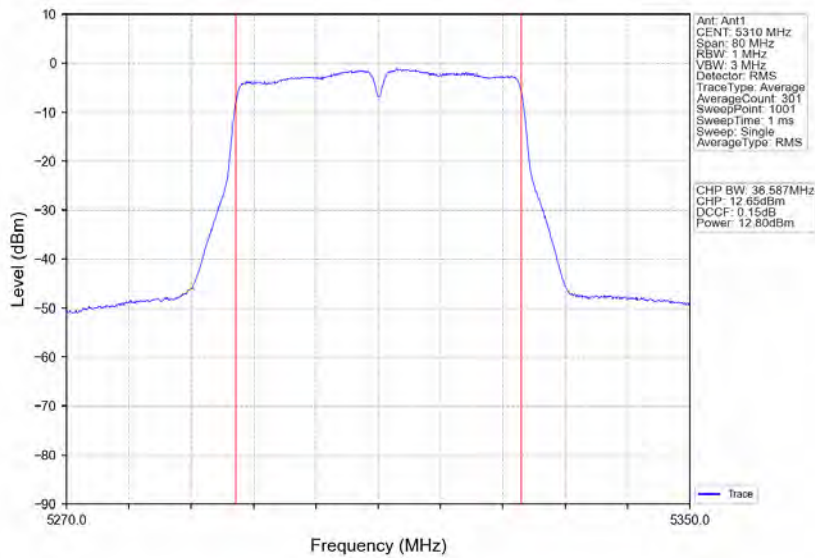
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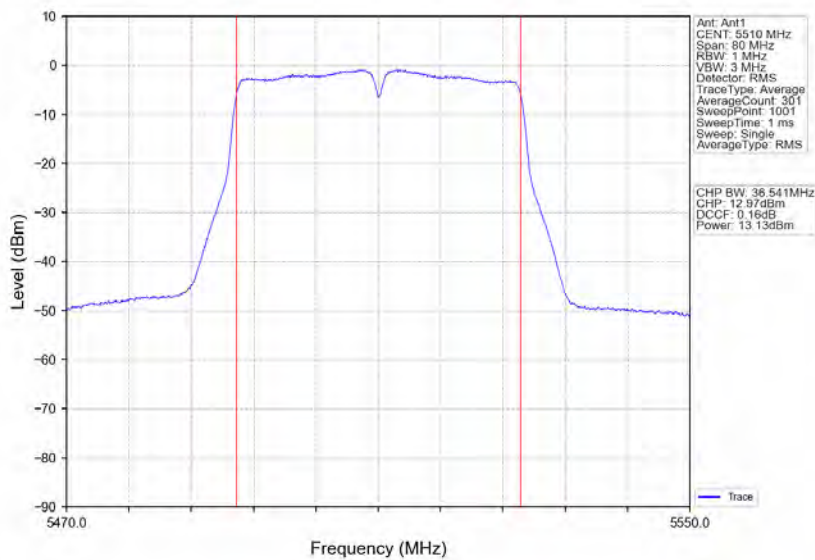
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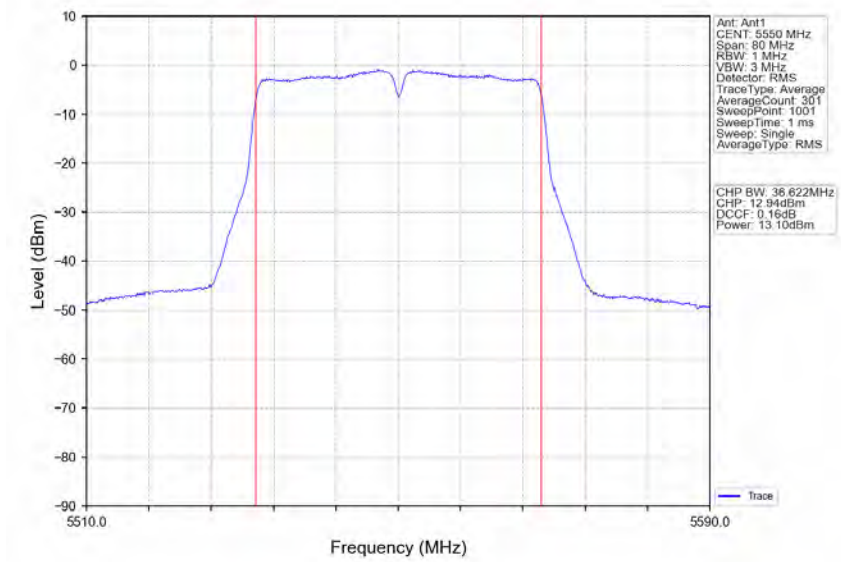
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



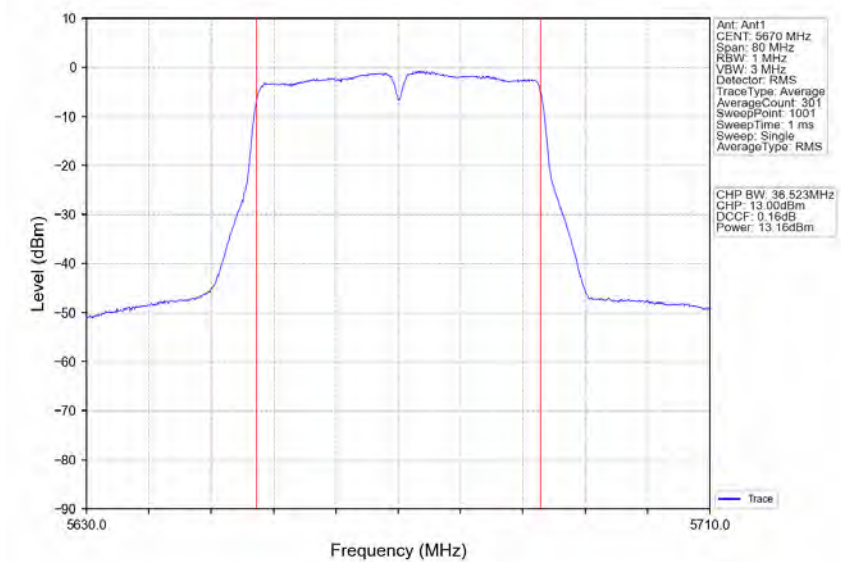
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



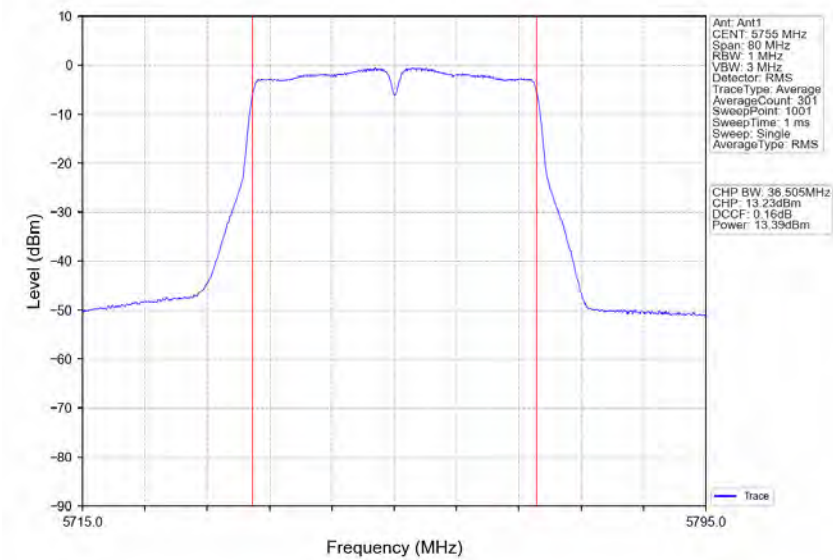
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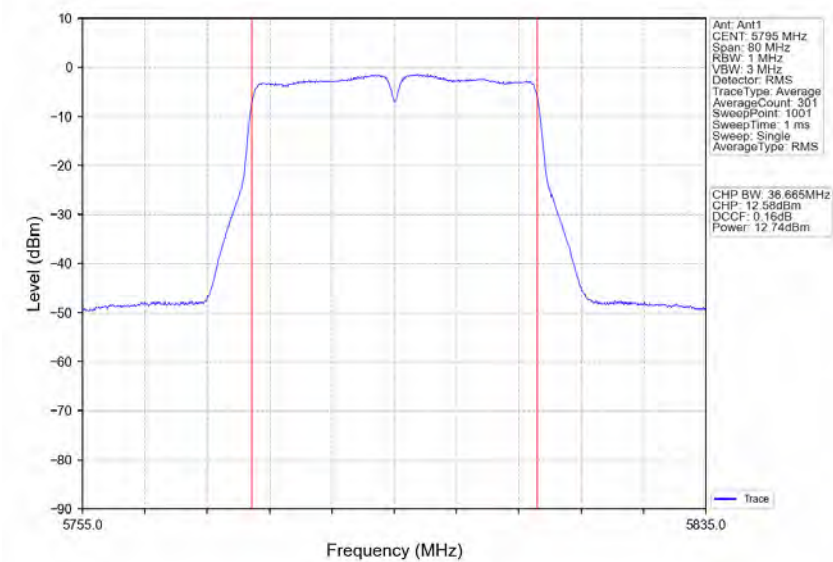
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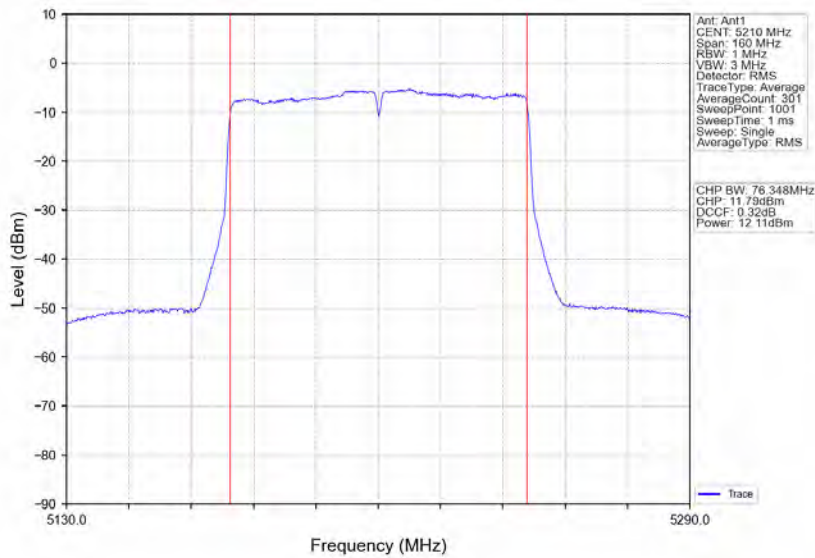
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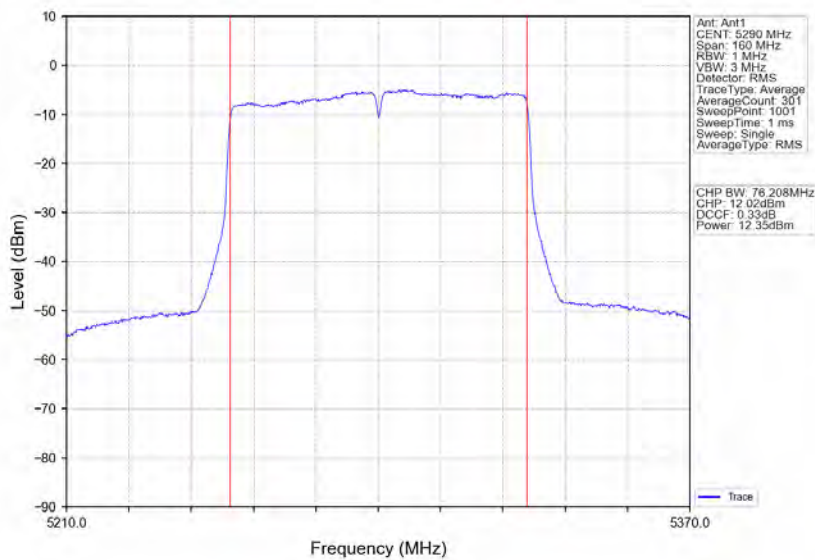
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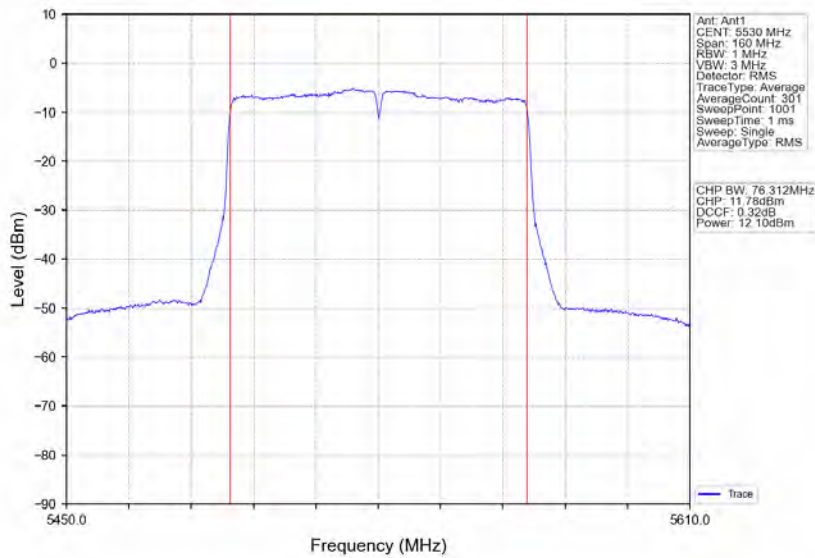
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



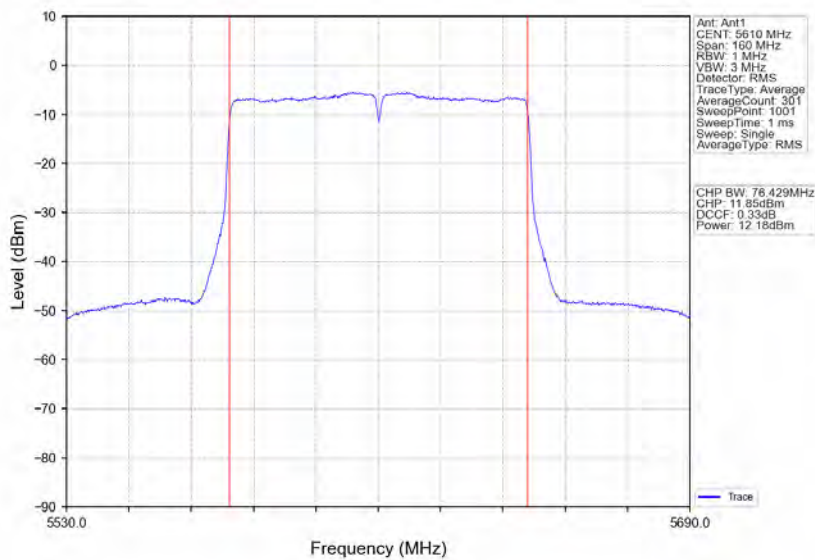
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



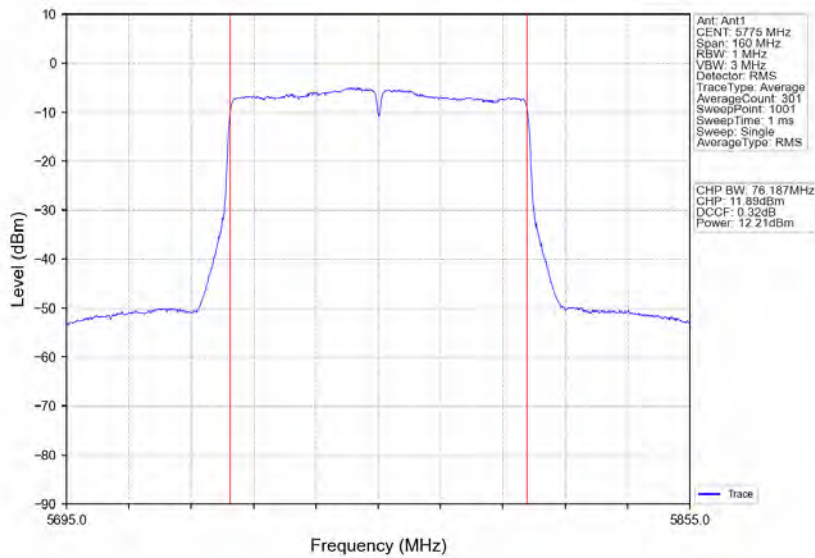
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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	4.15	<=11	Pass
		5200	4.30	<=11	Pass
		5240	4.63	<=11	Pass
		5260	4.72	<=11	Pass
		5300	4.46	<=11	Pass
		5320	4.42	<=11	Pass
		5500	4.43	<=11	Pass
		5580	4.54	<=11	Pass
		5700	4.52	<=11	Pass
802.11n (HT20)	SISO	5180	3.16	<=11	Pass
		5200	3.25	<=11	Pass
		5240	3.00	<=11	Pass
		5260	3.06	<=11	Pass
		5300	2.97	<=11	Pass
		5320	3.45	<=11	Pass
		5500	3.20	<=11	Pass
		5580	3.04	<=11	Pass
		5700	3.39	<=11	Pass
802.11n (HT40)	SISO	5190	-0.08	<=11	Pass
		5230	0.45	<=11	Pass
		5270	-0.01	<=11	Pass
		5310	0.36	<=11	Pass
		5510	0.60	<=11	Pass
		5550	0.27	<=11	Pass
		5670	0.27	<=11	Pass
802.11ac (VHT20)	SISO	5180	2.01	<=11	Pass
		5200	2.22	<=11	Pass
		5240	2.52	<=11	Pass
		5260	2.09	<=11	Pass
		5300	2.37	<=11	Pass
		5320	2.14	<=11	Pass
		5500	2.31	<=11	Pass
		5580	2.12	<=11	Pass
		5700	2.68	<=11	Pass
802.11ac	SISO	5190	-0.75	<=11	Pass

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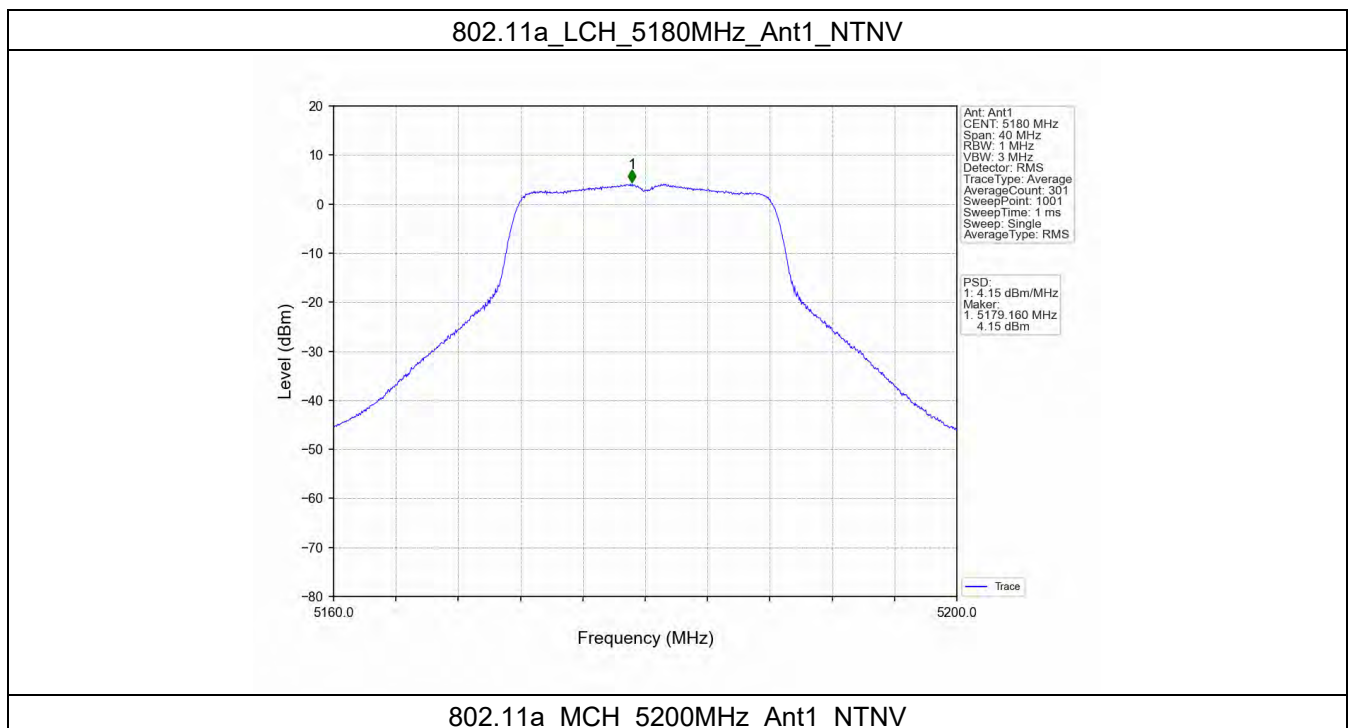
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(VHT40)		5230	-0.50	≤ 11	Pass
		5270	-0.58	≤ 11	Pass
		5310	-0.95	≤ 11	Pass
		5510	-0.69	≤ 11	Pass
		5550	-0.75	≤ 11	Pass
		5670	-0.72	≤ 11	Pass
802.11ac (VHT80)	SISO	5210	-4.93	≤ 11	Pass
		5290	-4.58	≤ 11	Pass
		5530	-4.79	≤ 11	Pass
		5610	-5.25	≤ 11	Pass

Note1: Antenna Gain: U-NII-1:1.98dBi, U-NII-2A:2.07dBi, U-NII-2C:2.08dBi, U-NII-3:2.12dBi

4.1.2 Test Graph

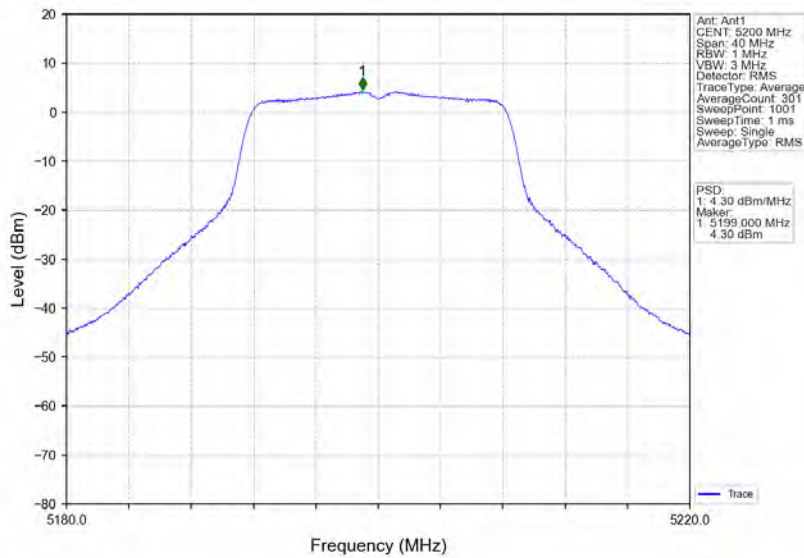


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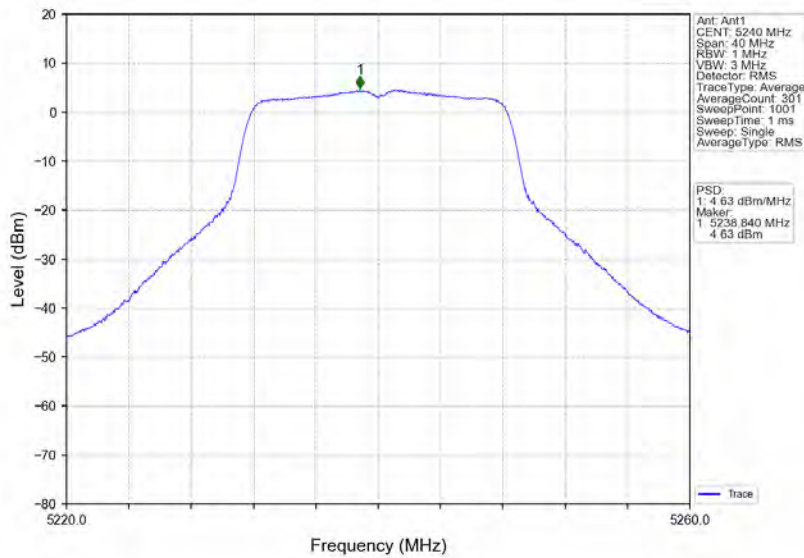
CCSEM-TRF-001 Rev. 02 Sep 01, 2023

Report No.: KSCR231100201304

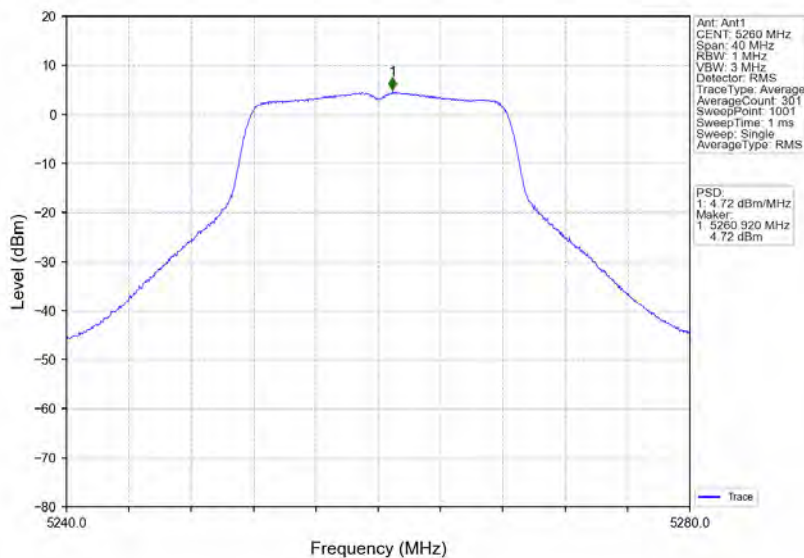
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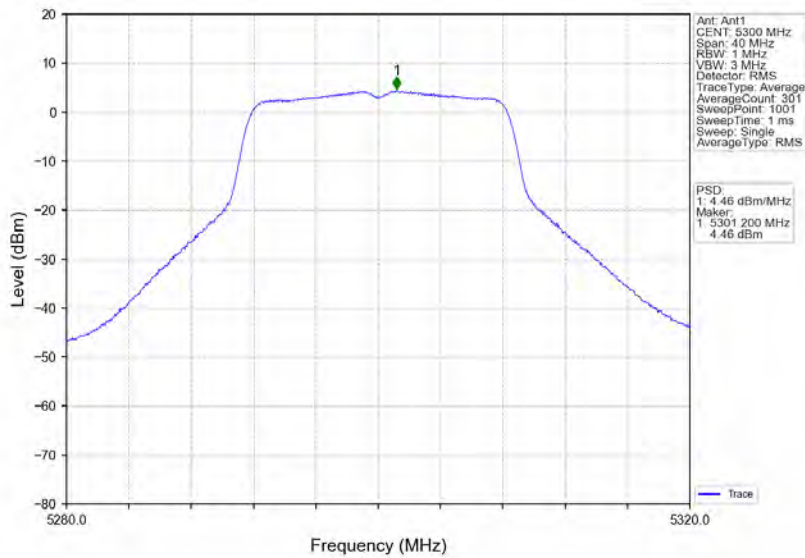
802.11a_HCH_5240MHz_Ant1_NTNV



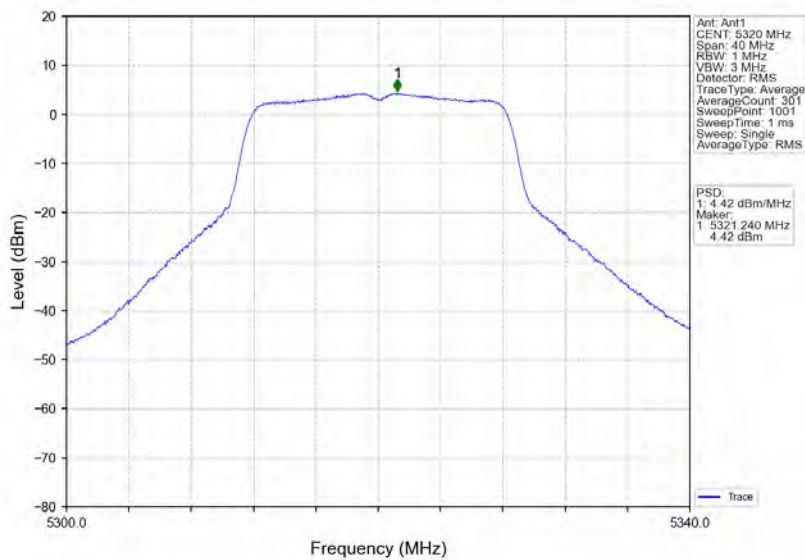
802.11a_LCH_5260MHz_Ant1_NTNV



802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



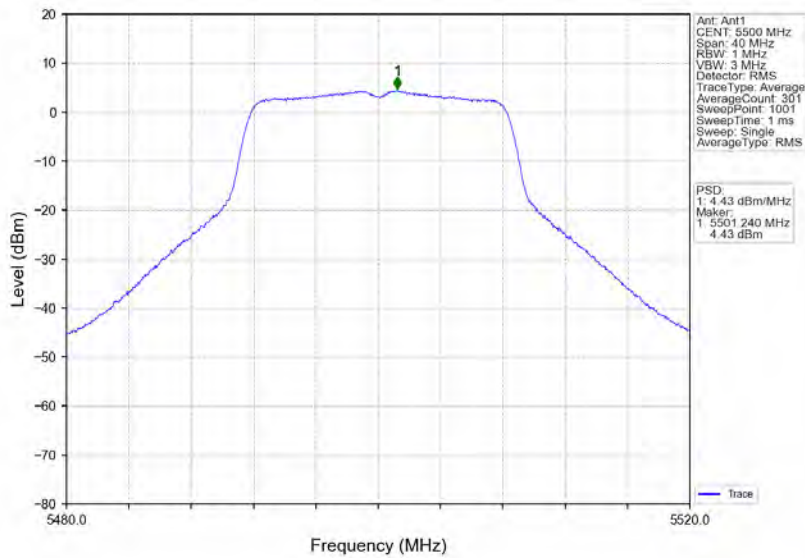
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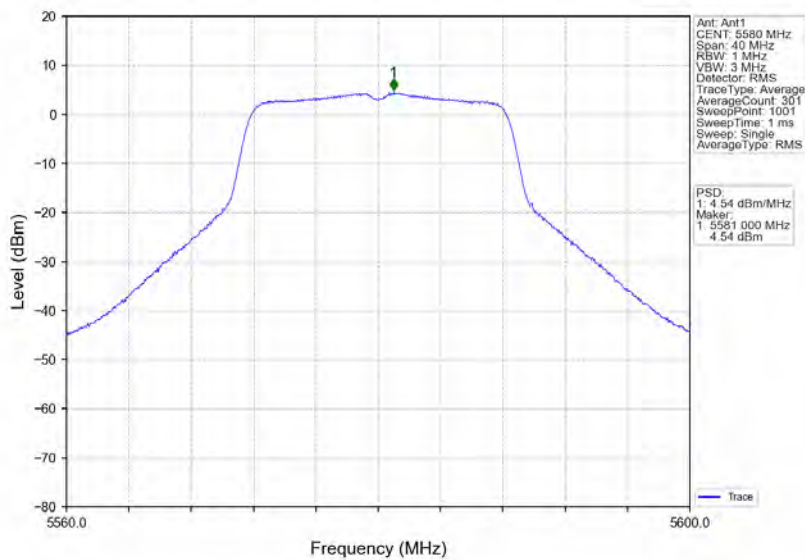
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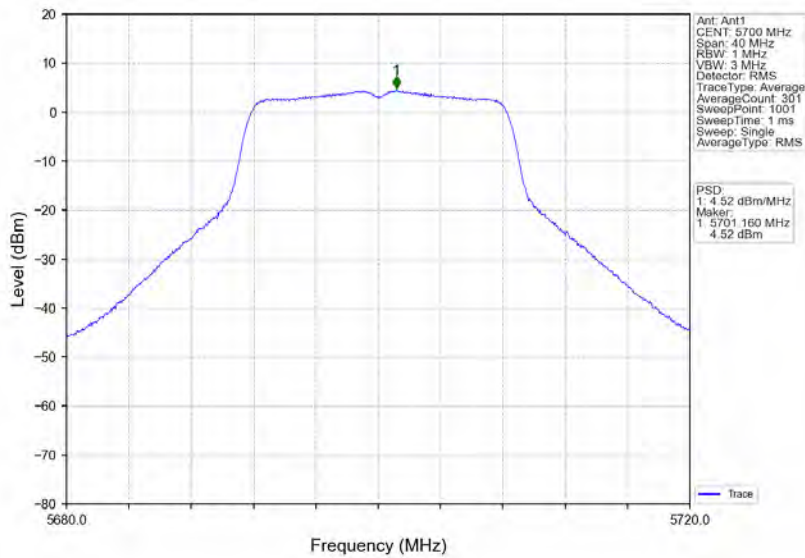
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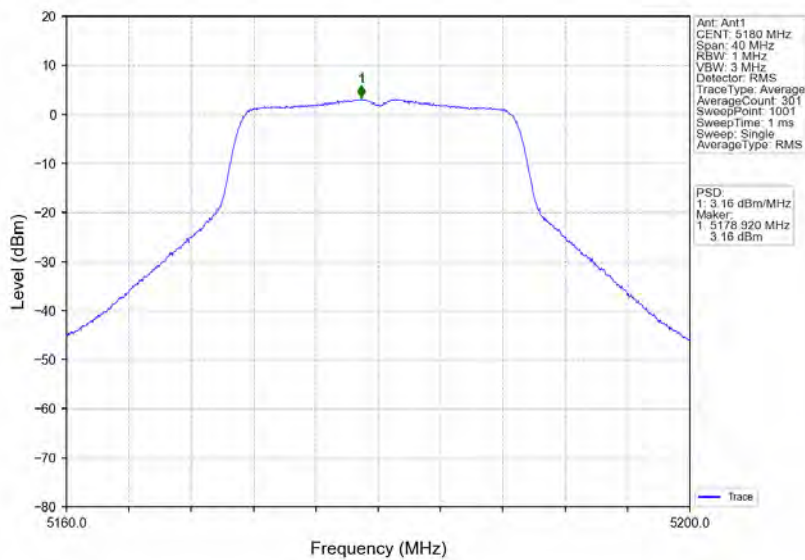
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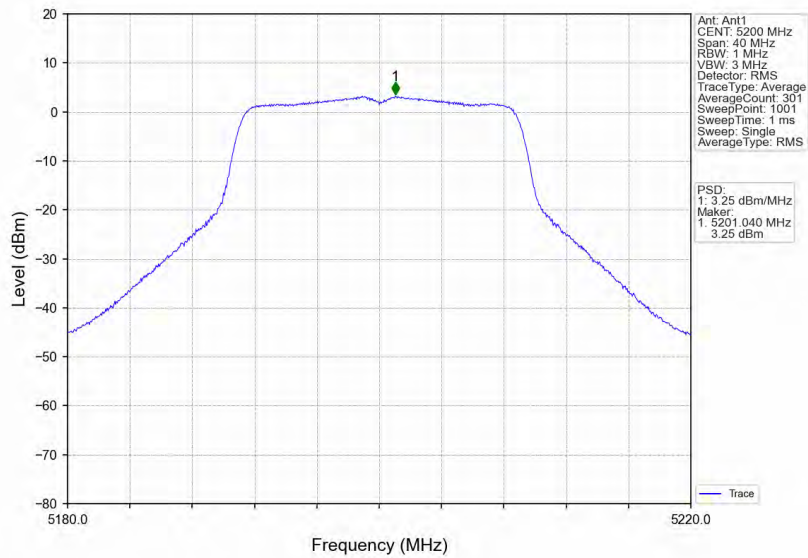
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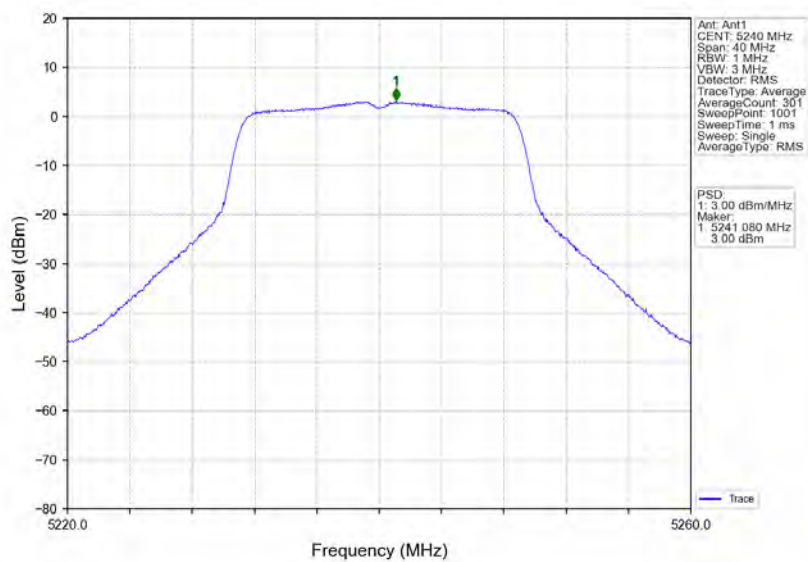
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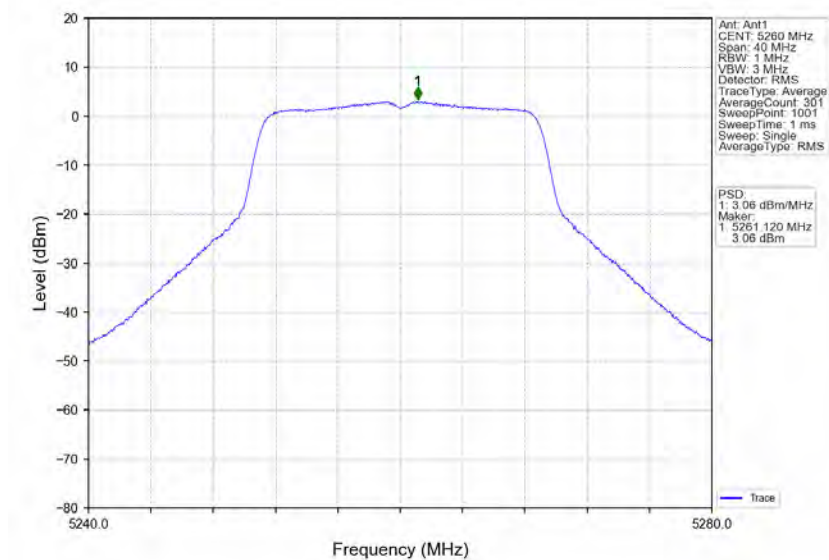
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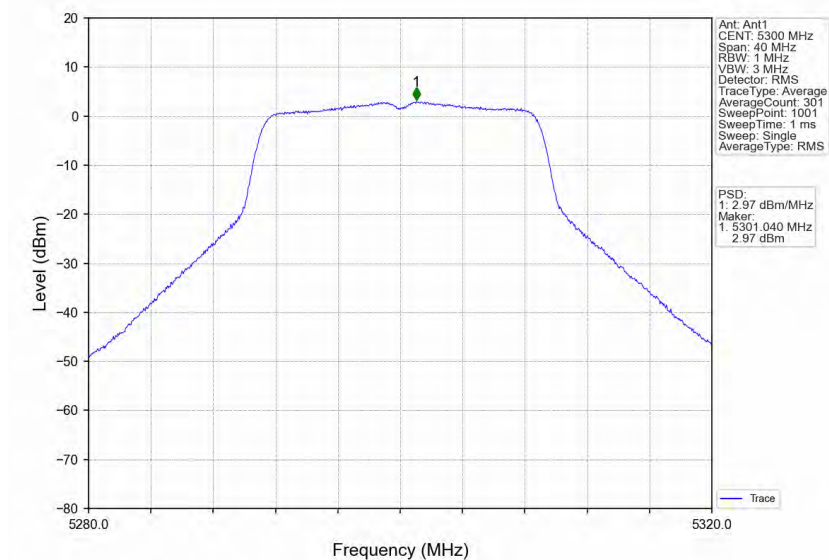
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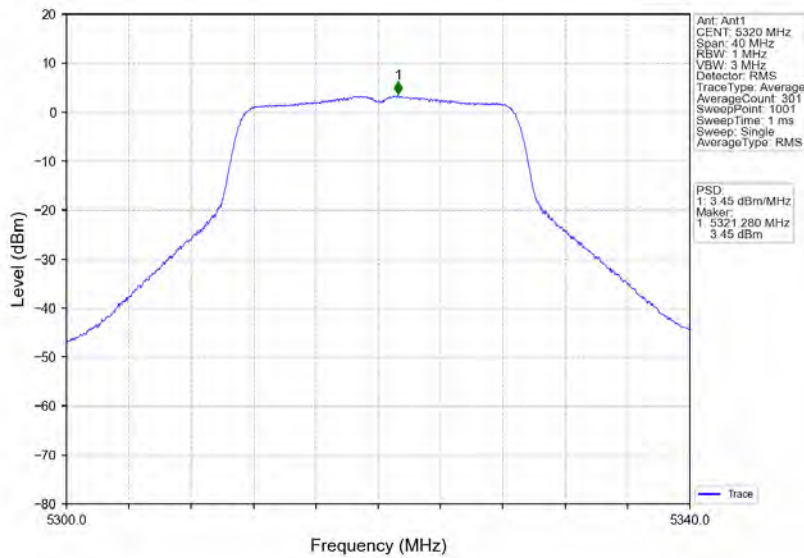
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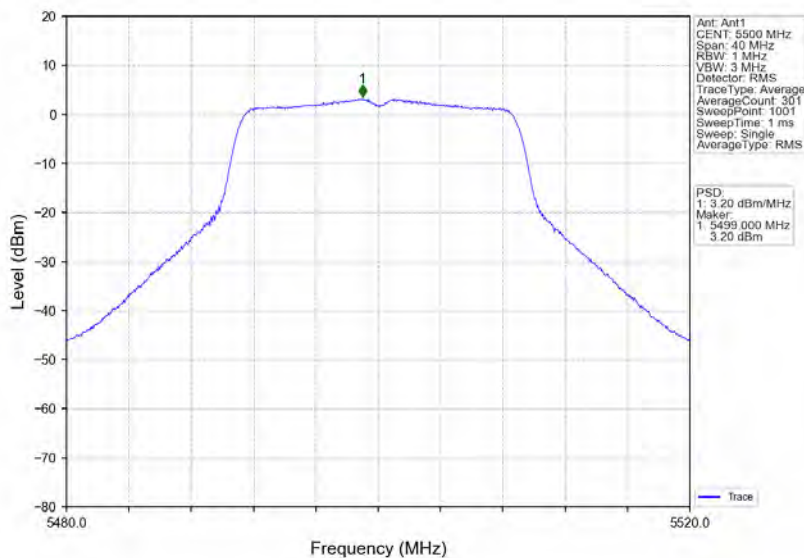
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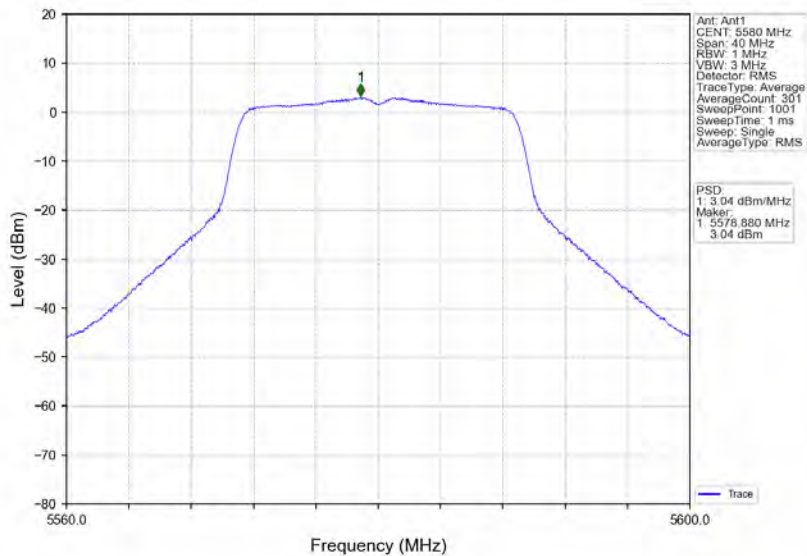
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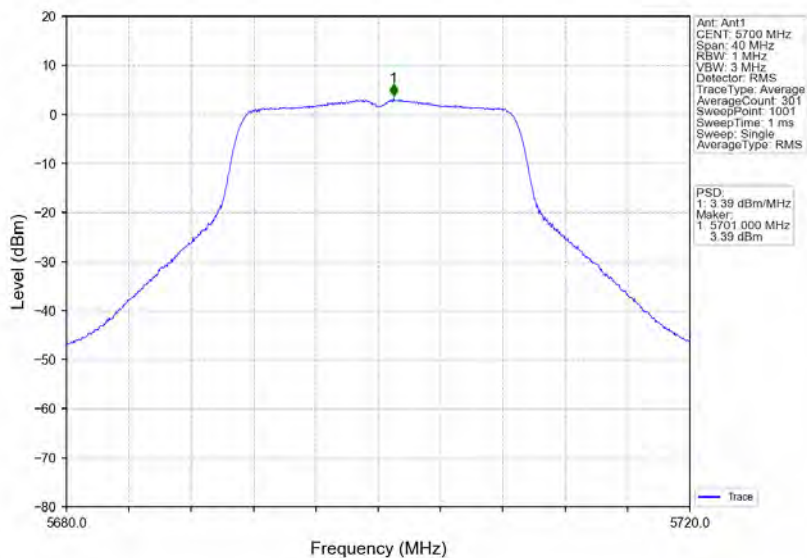
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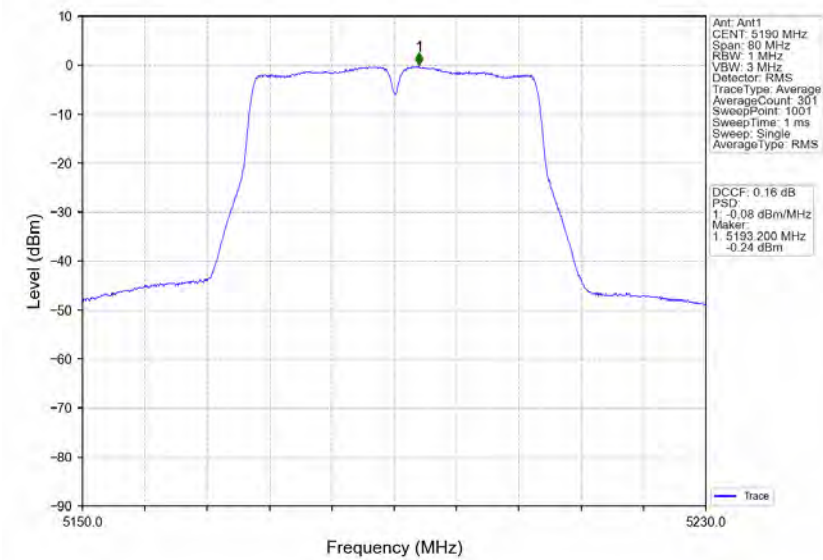
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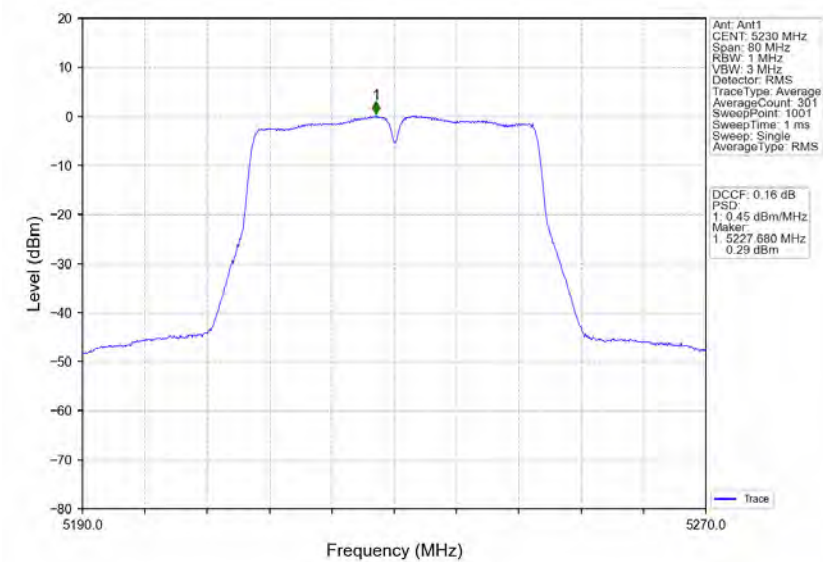
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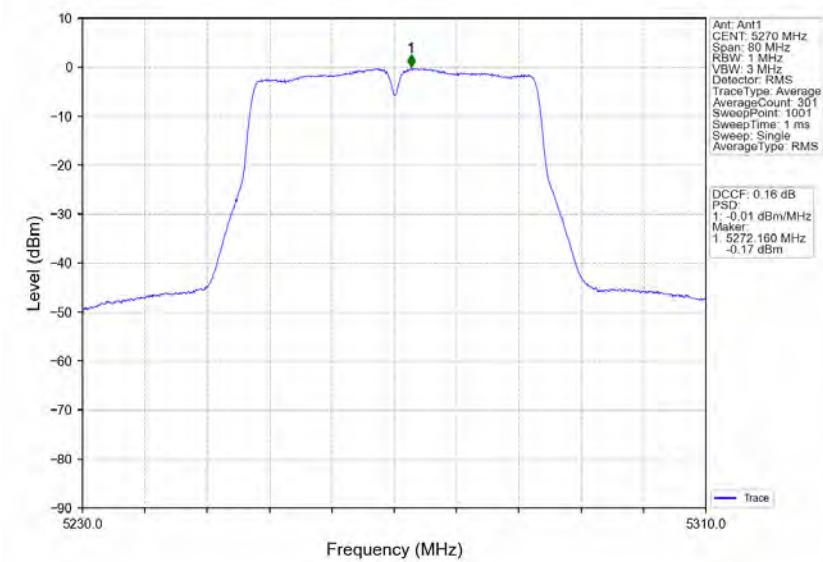
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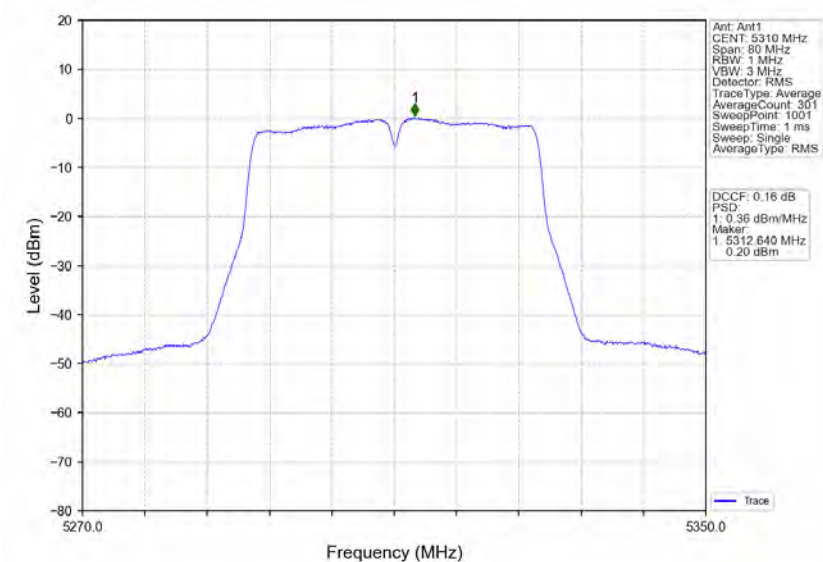
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



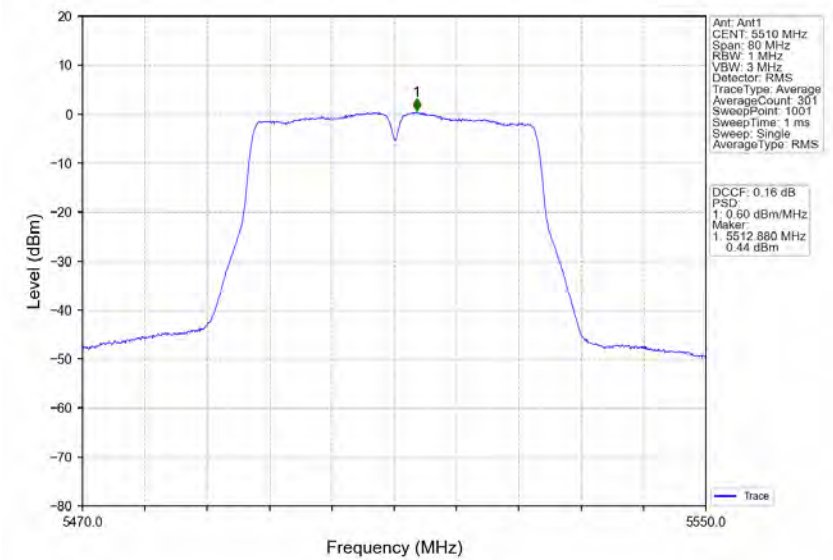
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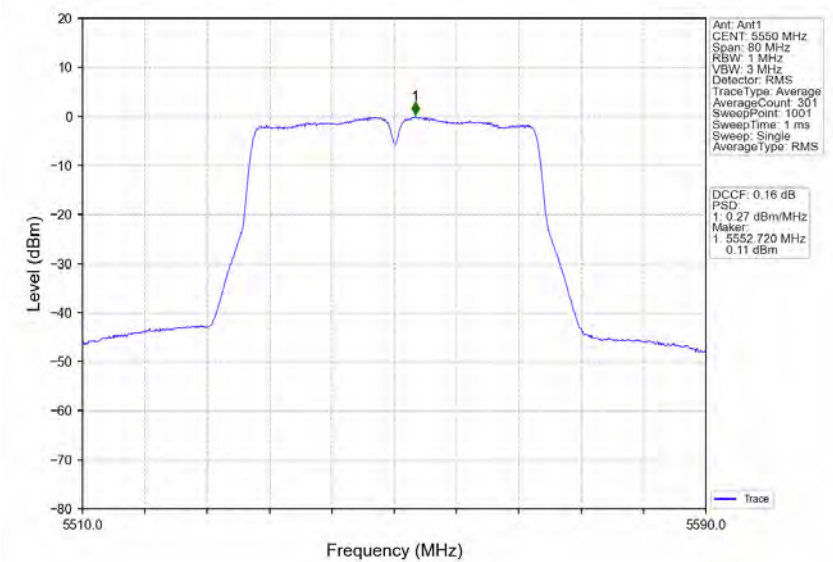
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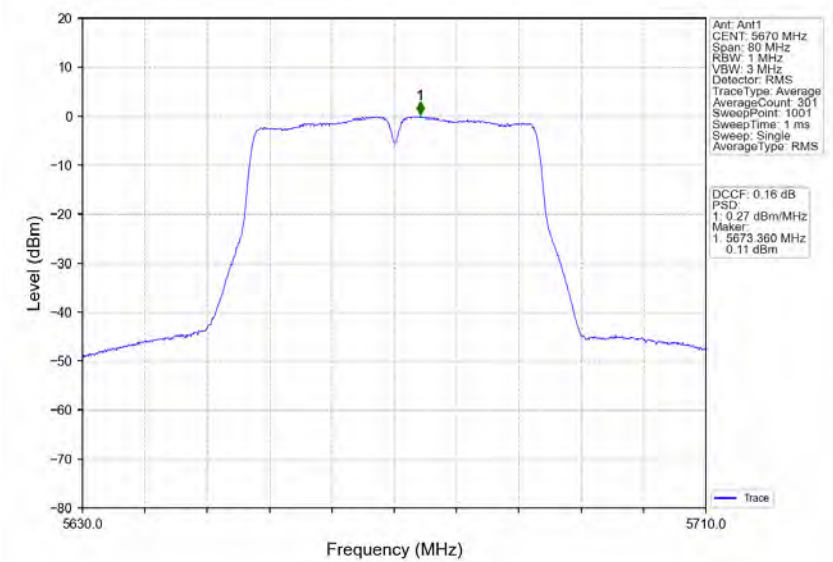
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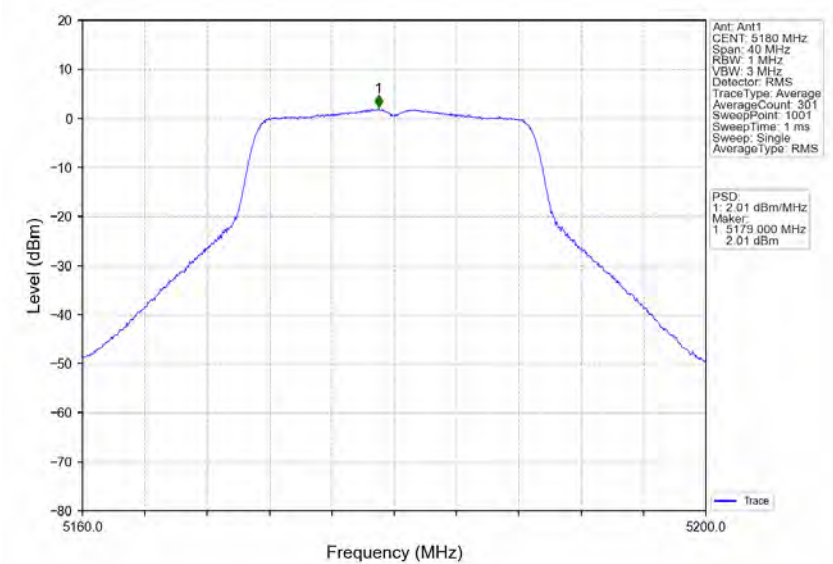
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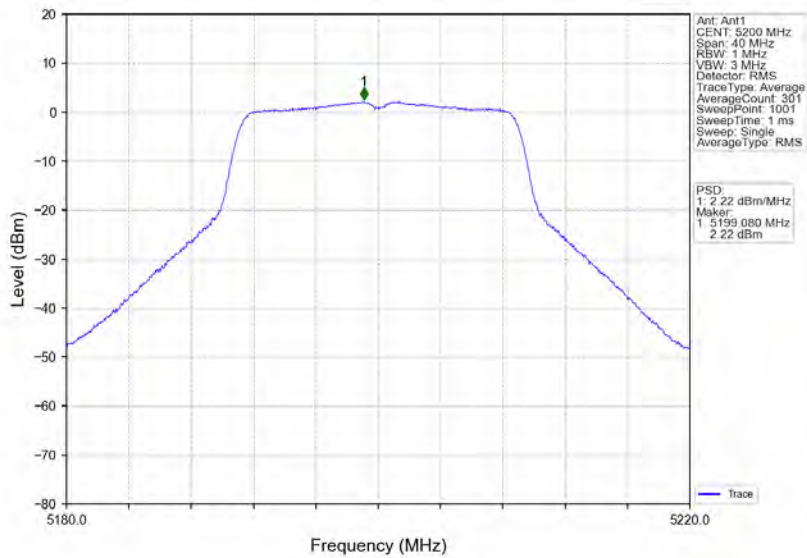
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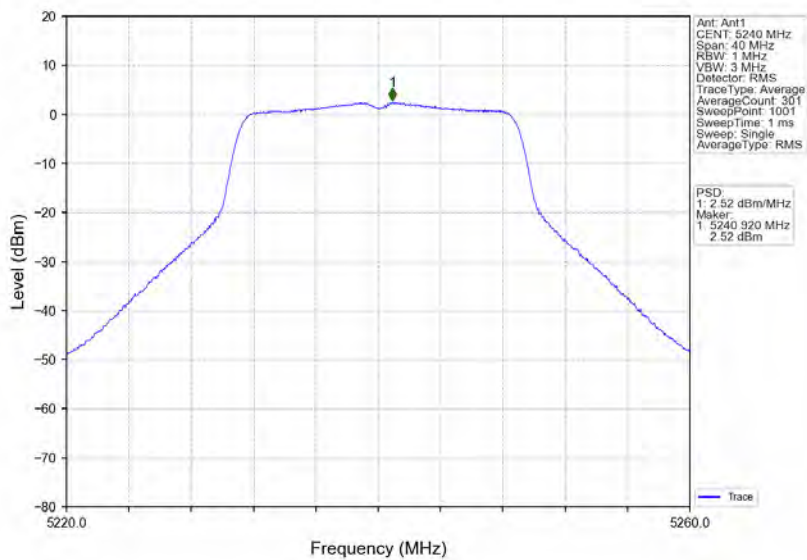
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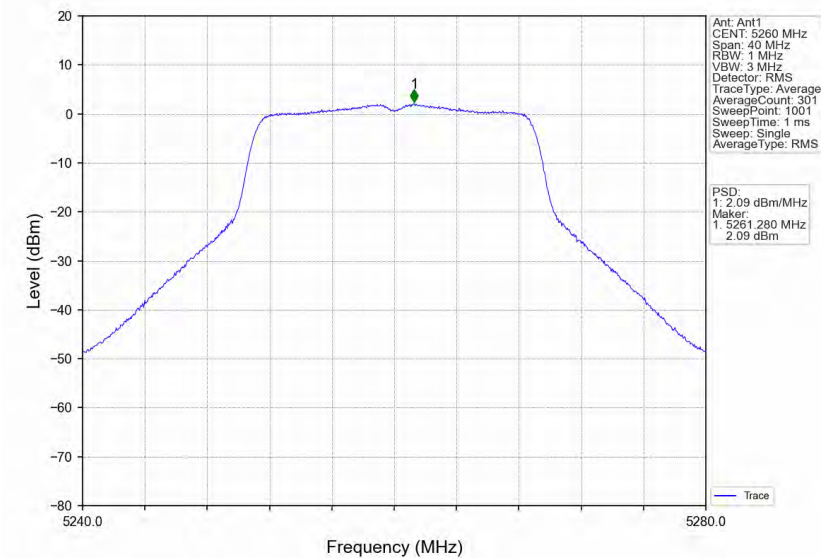
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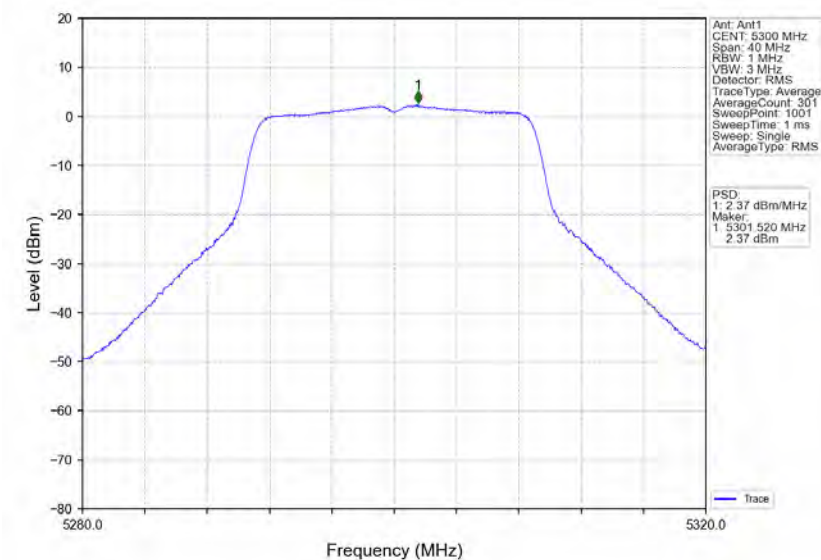
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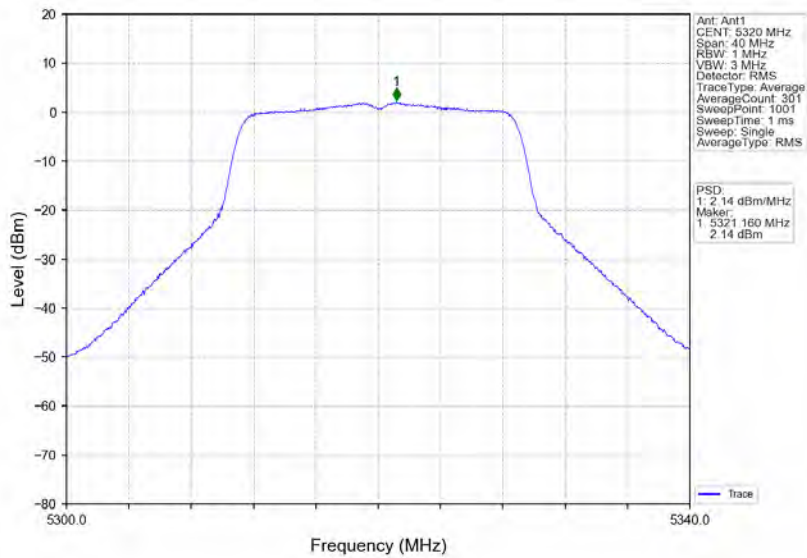
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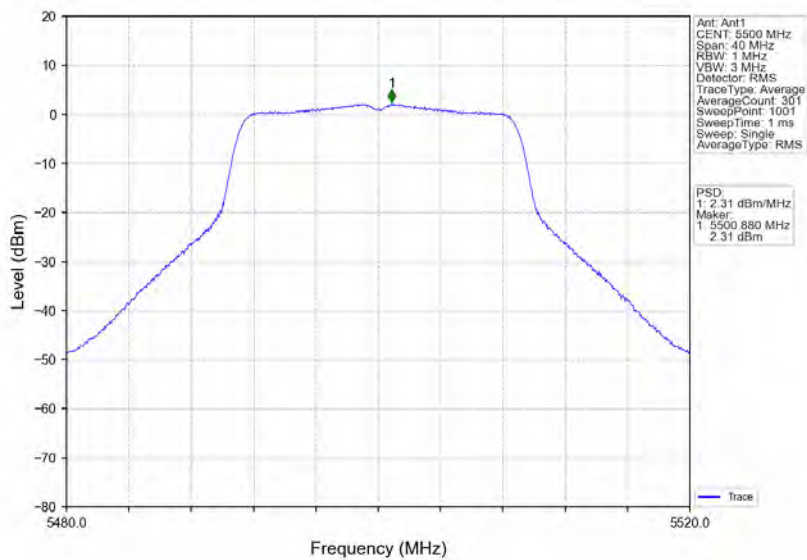
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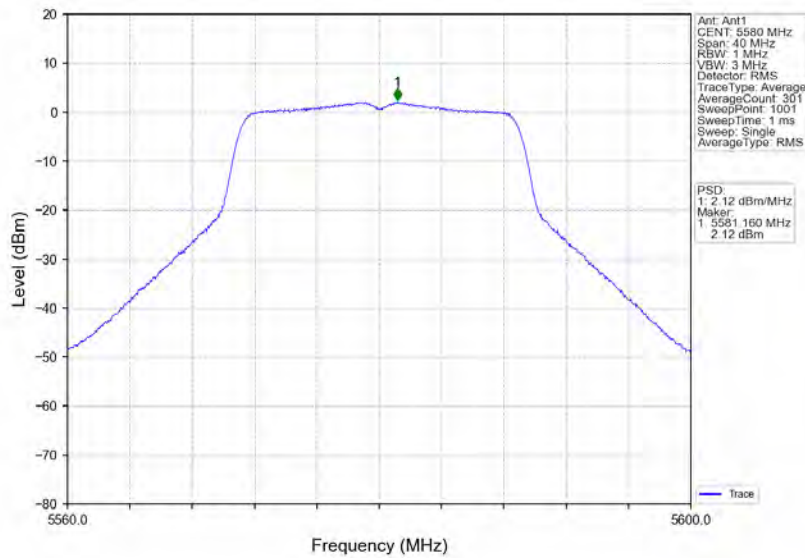
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



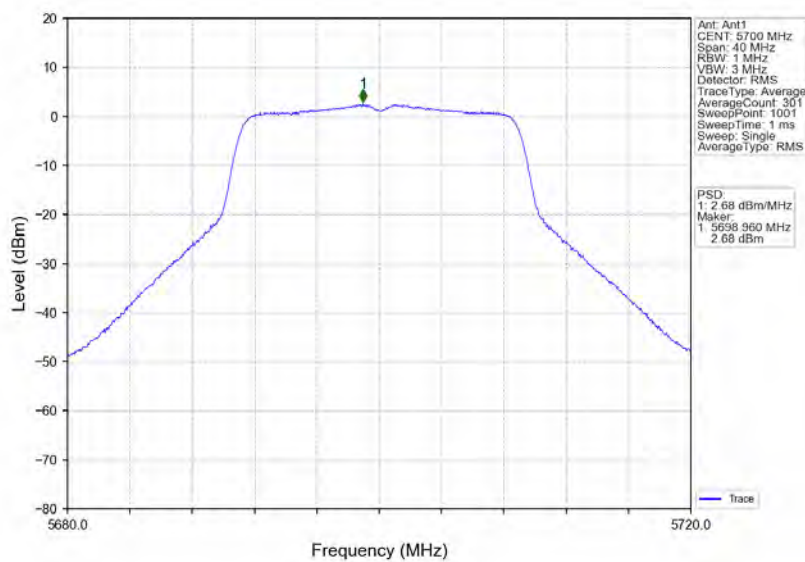
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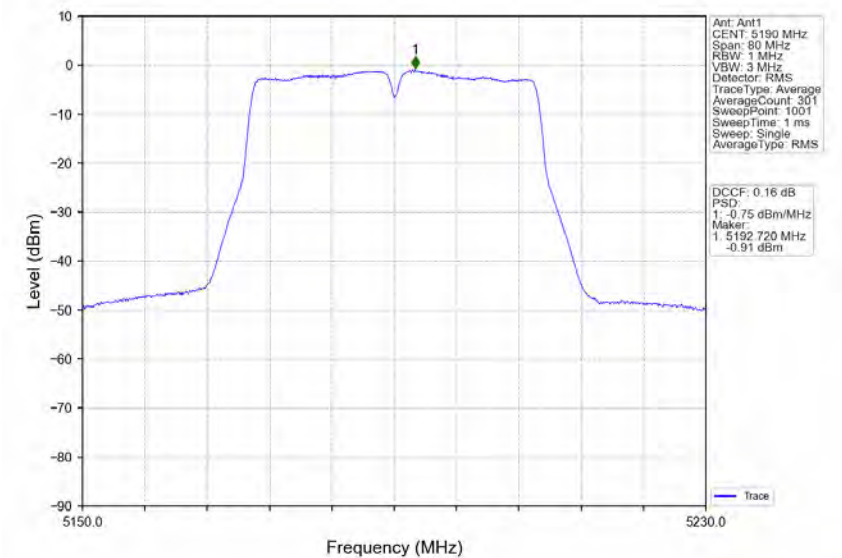
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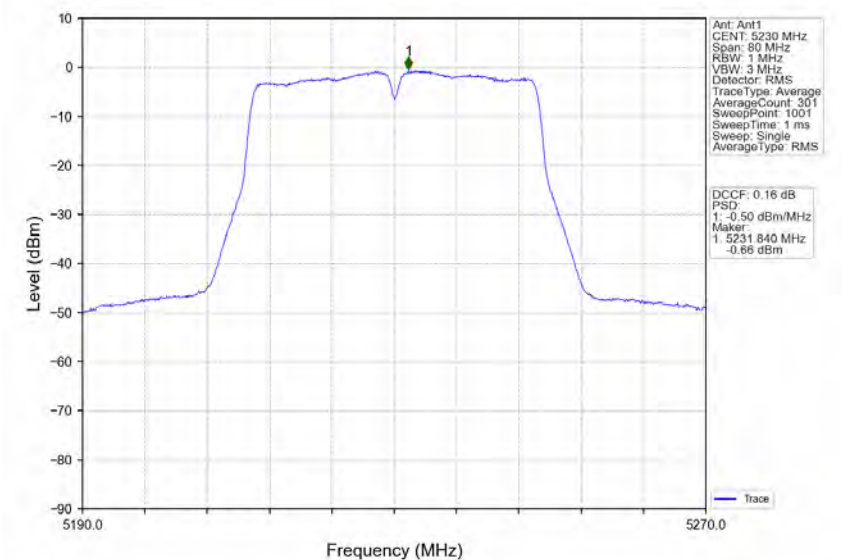
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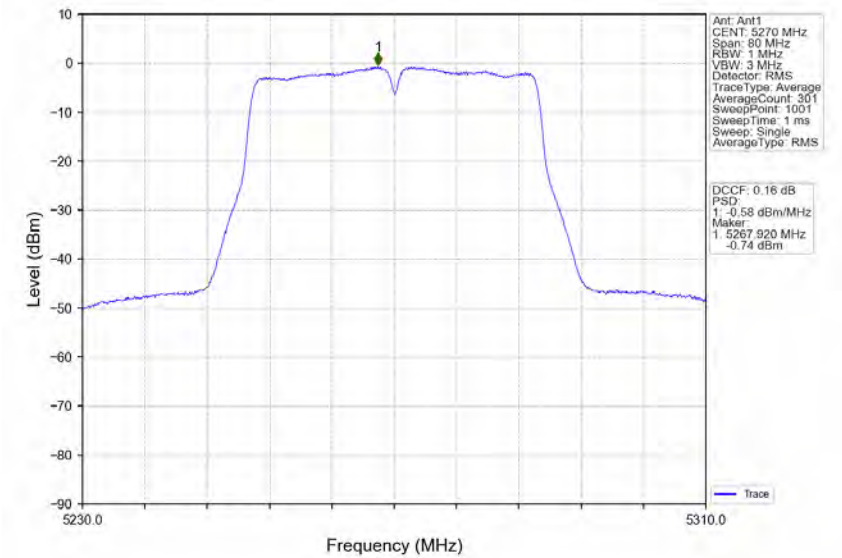
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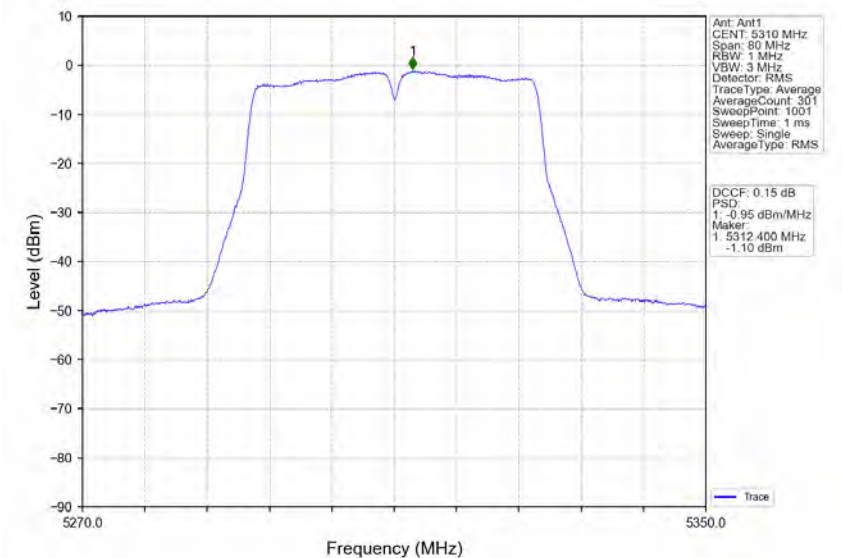
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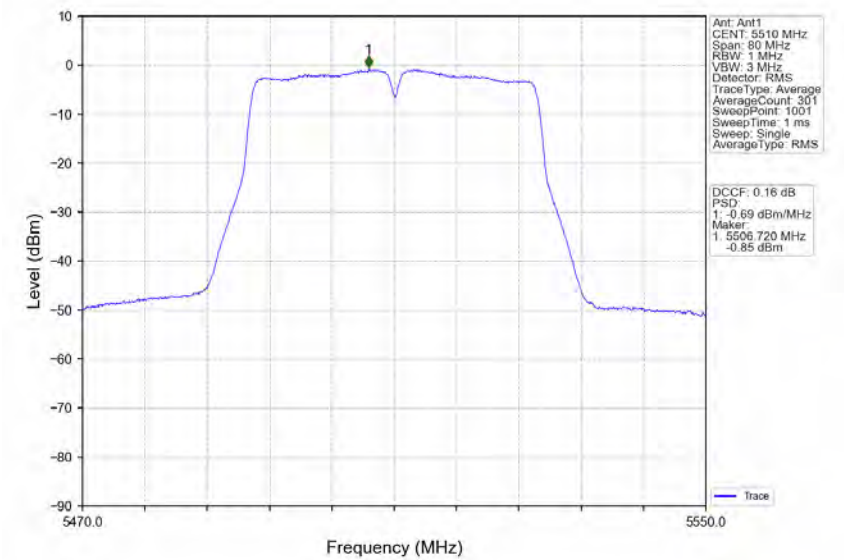
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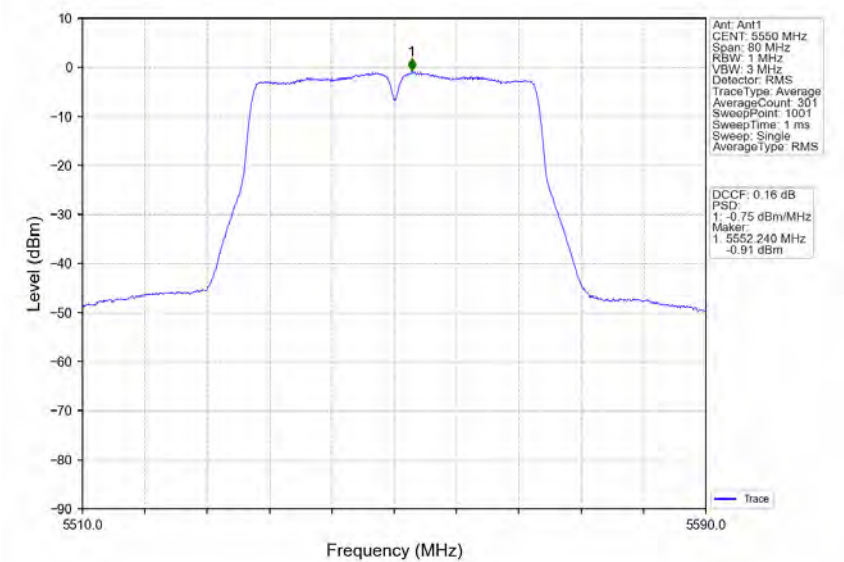
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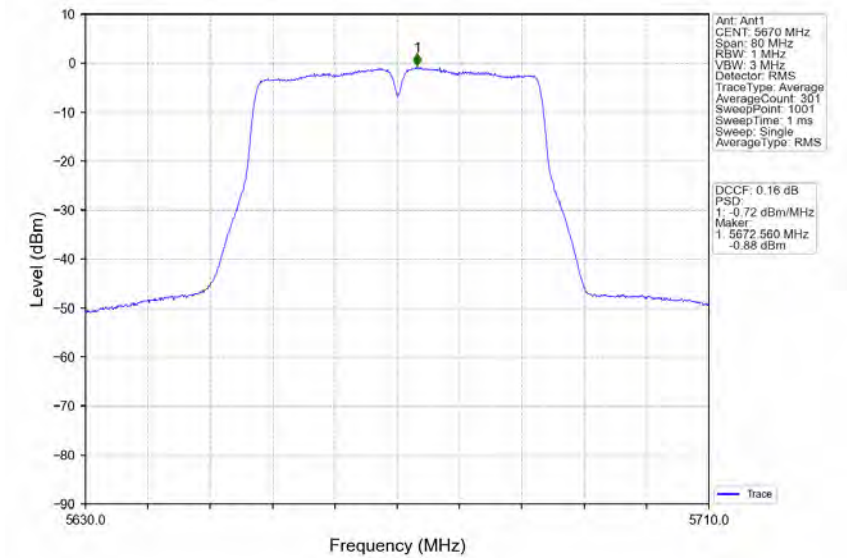
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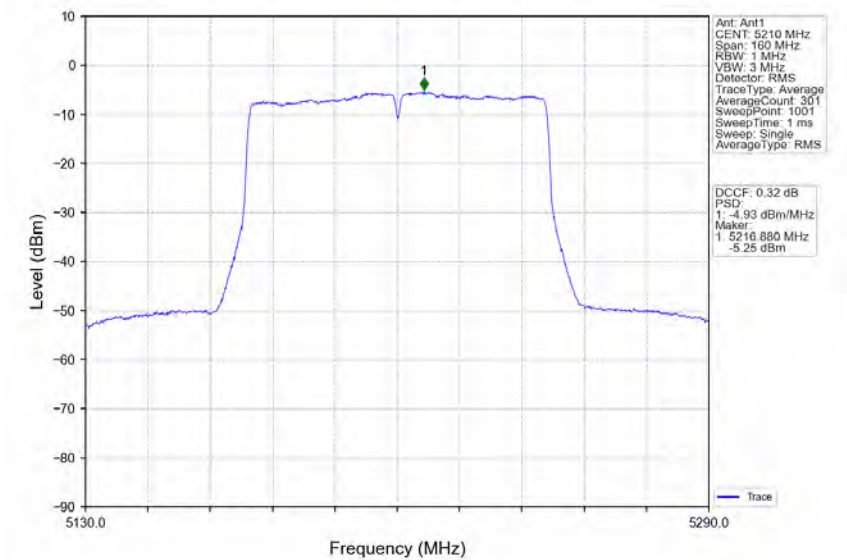
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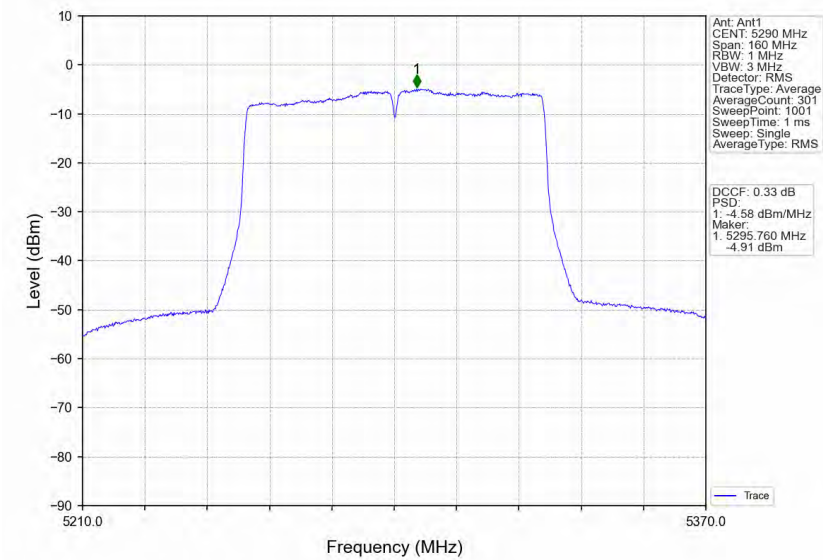
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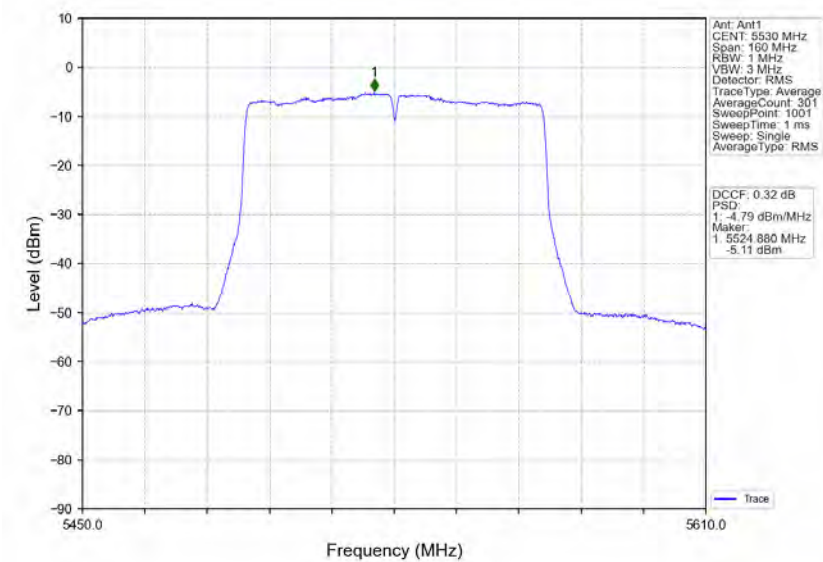
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



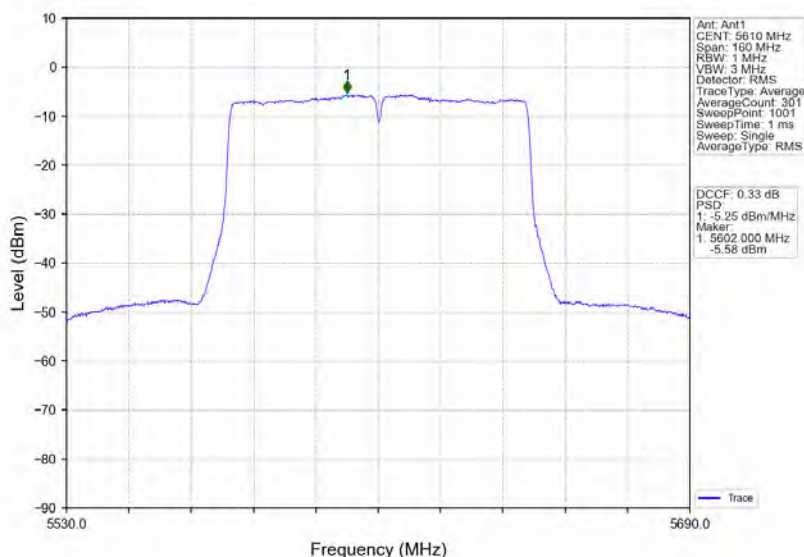
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



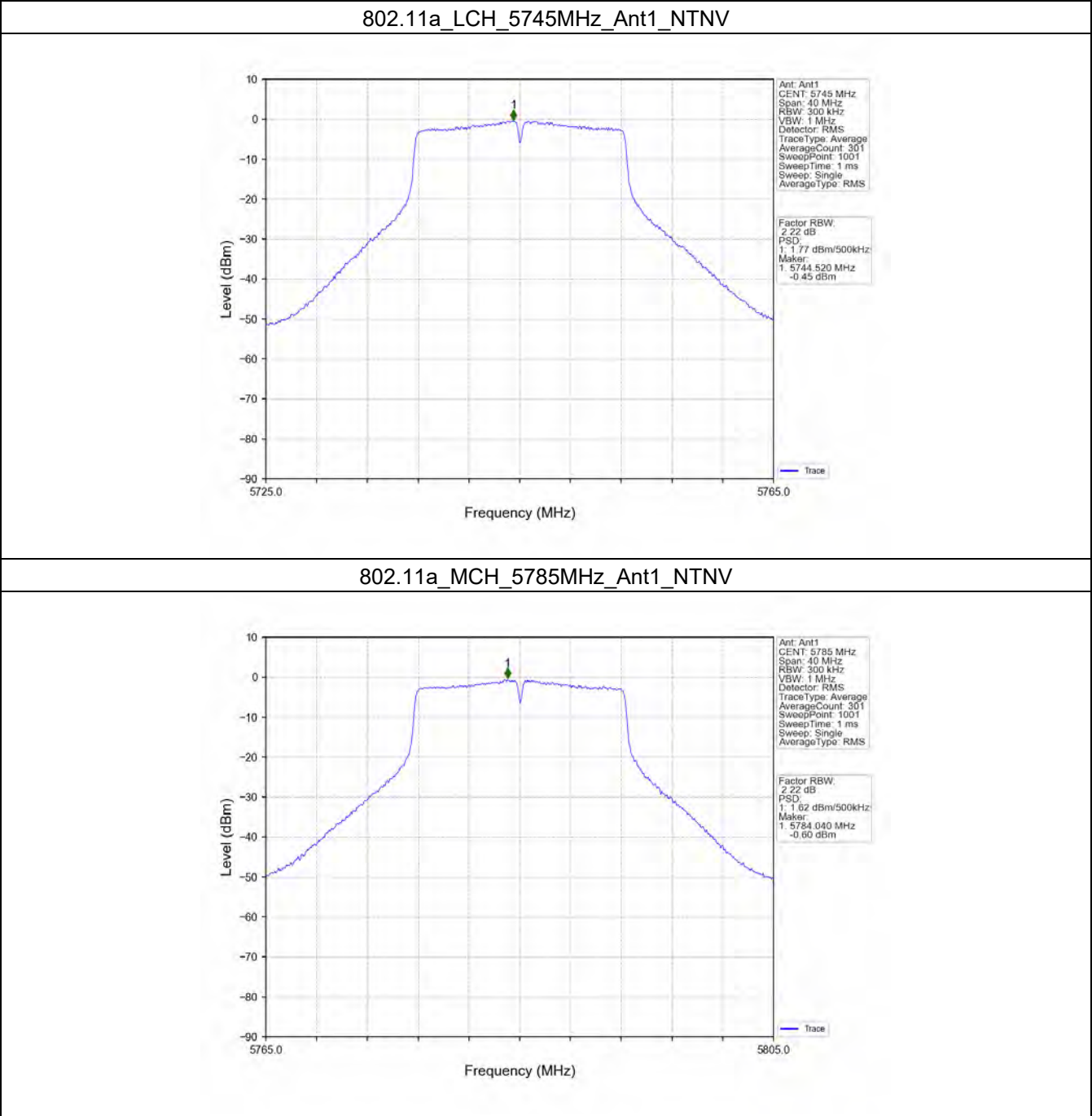
4.2 PSD-Band3

4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	1.77	<=30	Pass
		5785	1.62	<=30	Pass
		5825	1.63	<=30	Pass
802.11n (HT20)	SISO	5745	0.52	<=30	Pass
		5785	0.34	<=30	Pass
		5825	0.56	<=30	Pass
802.11n (HT40)	SISO	5755	-2.41	<=30	Pass
		5795	-2.37	<=30	Pass
802.11ac (VHT20)	SISO	5745	-0.62	<=30	Pass
		5785	-0.84	<=30	Pass
		5825	-0.59	<=30	Pass
802.11ac (VHT40)	SISO	5755	-3.21	<=30	Pass
		5795	-4.14	<=30	Pass
802.11ac (VHT80)	SISO	5775	-7.84	<=30	Pass

Note1: Antenna Gain: Ant1: 2.12dBi;

4.2.2 Test Graph



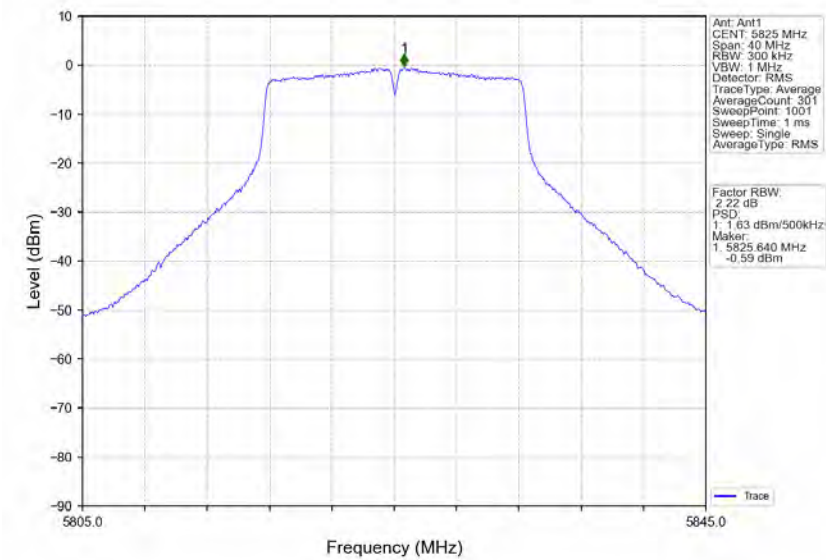
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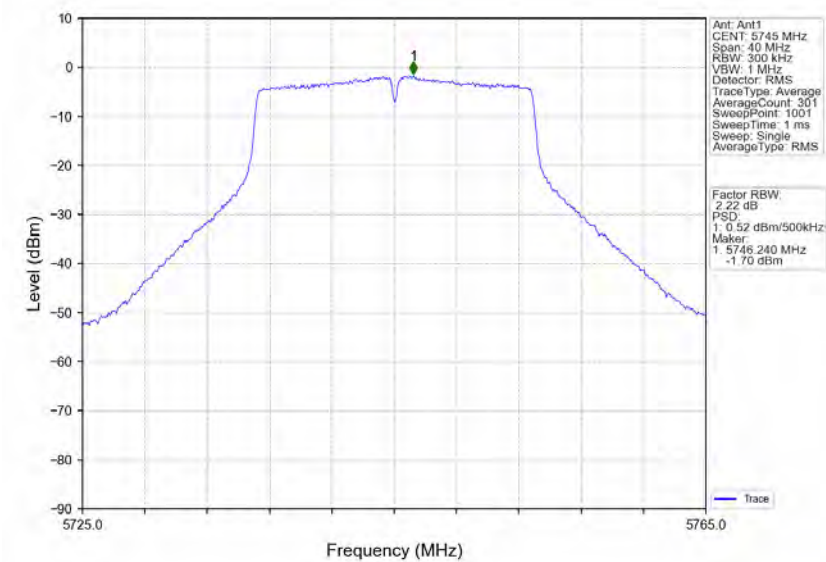
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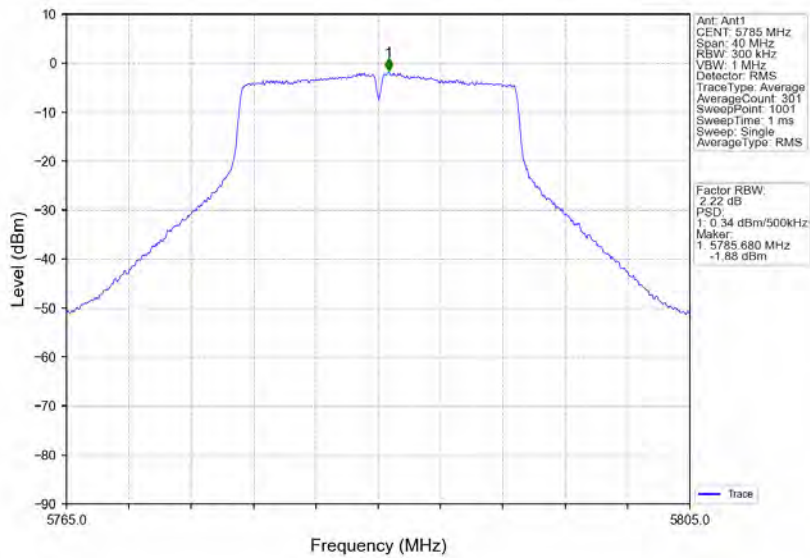
802.11a_HCH_5825MHz_Ant1_NTNV



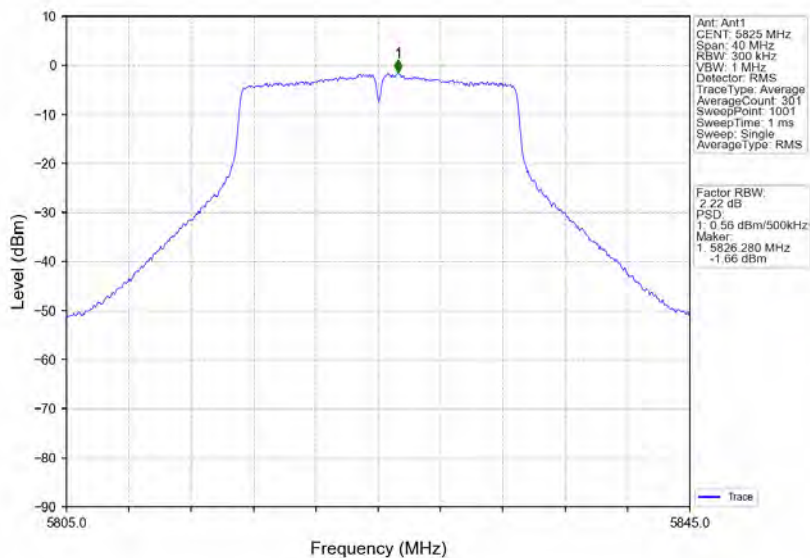
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



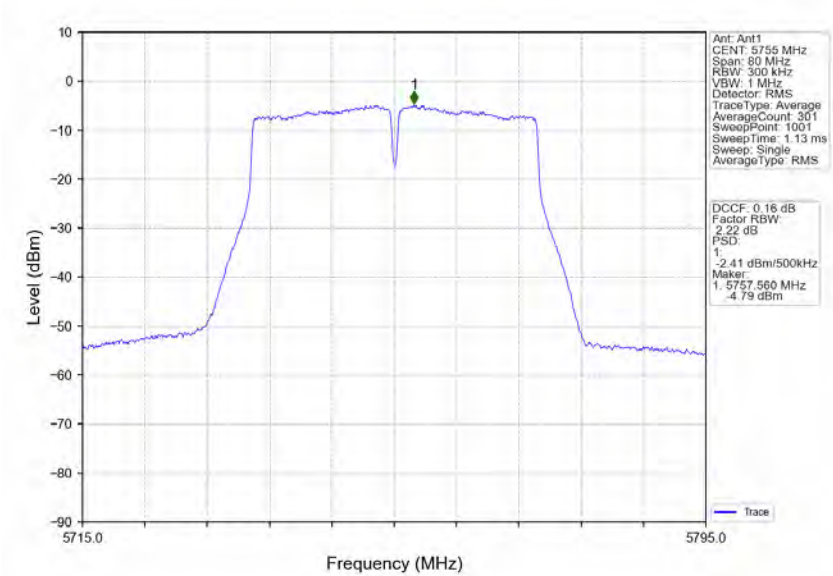
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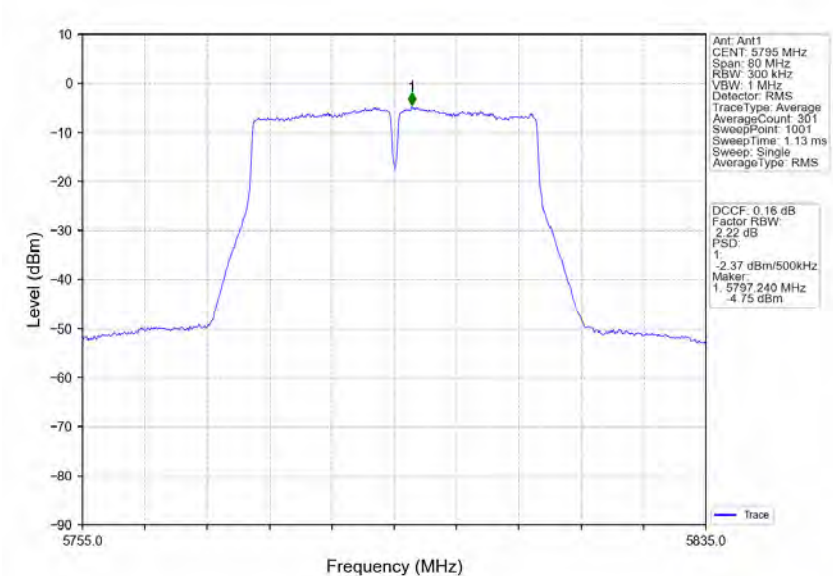
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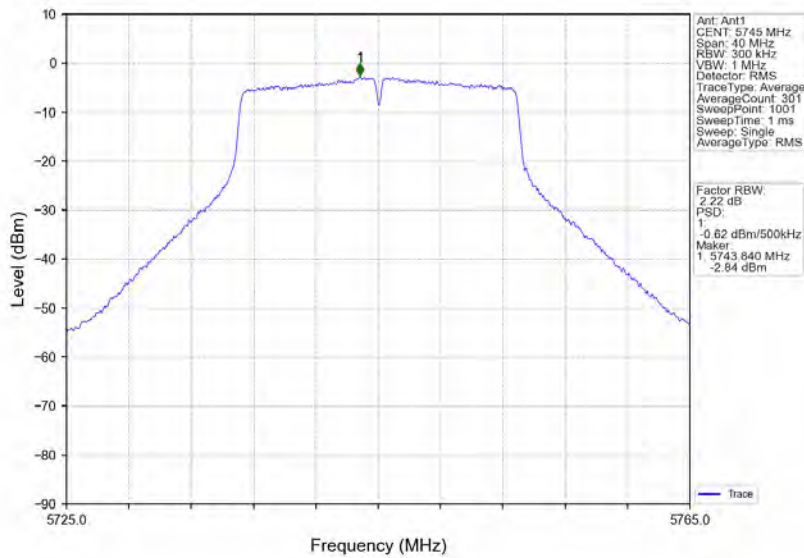
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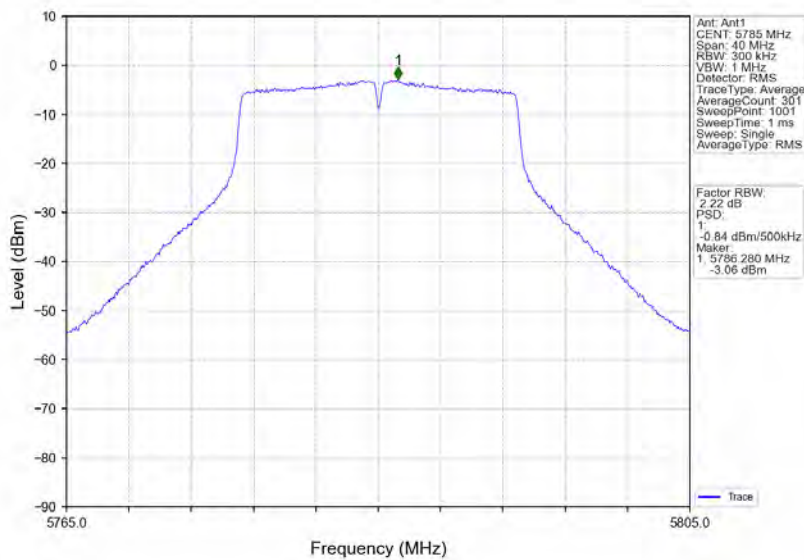
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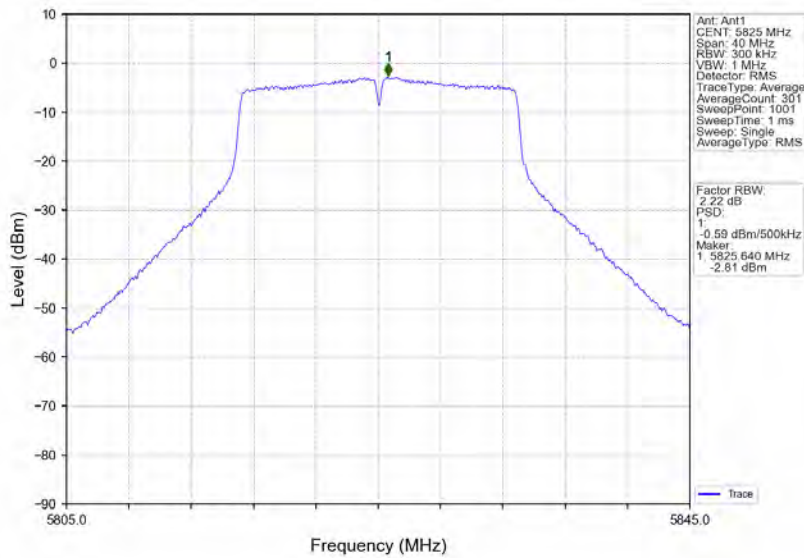
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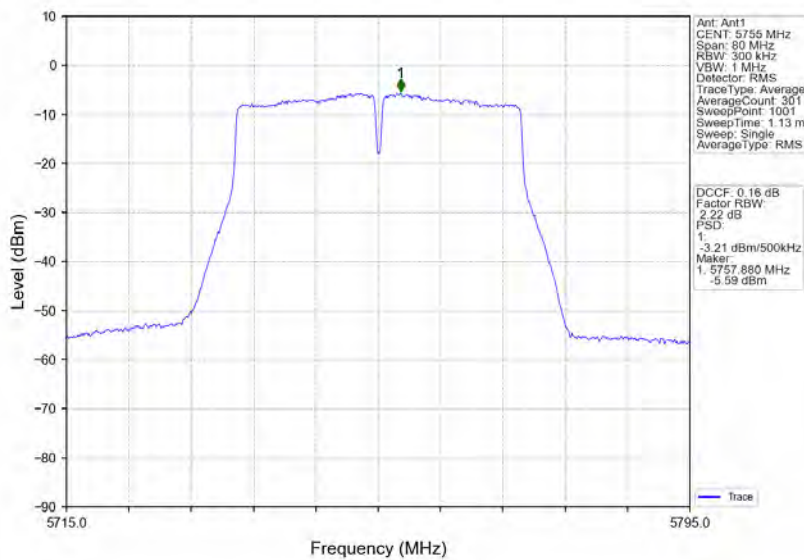
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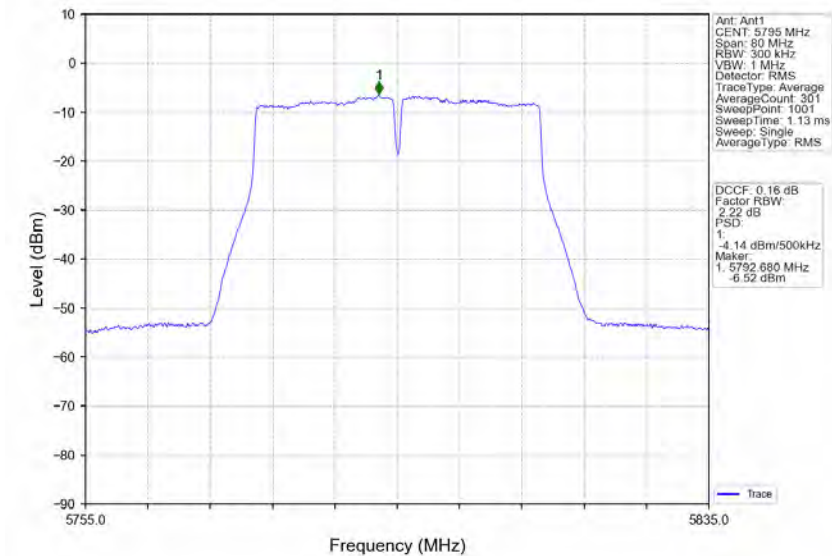
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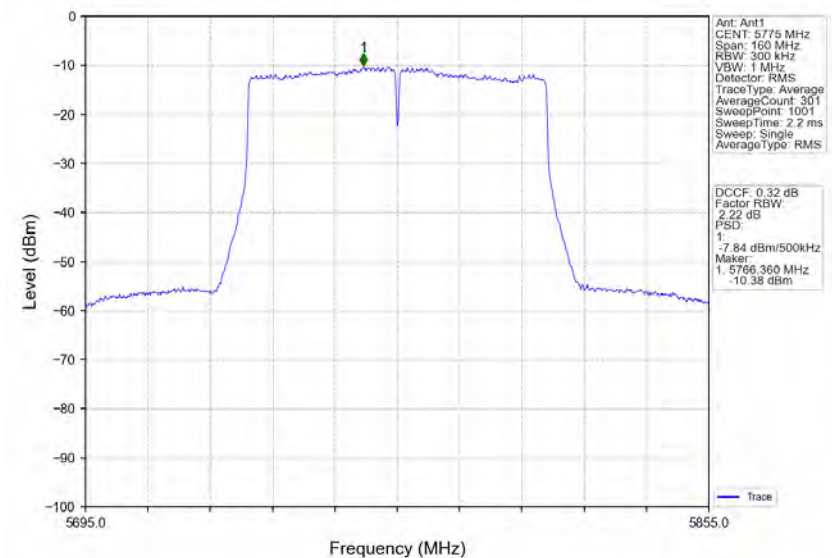
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	20.4	5180.020	5150 to 5250	Pass
				24.0	5180.040	5150 to 5250	Pass
				27.6	5180.020	5150 to 5250	Pass
			-30	24.0	5179.960	5150 to 5250	Pass
			-20	24.0	5180.000	5150 to 5250	Pass
			-10	24.0	5180.080	5150 to 5250	Pass
			0	24.0	5180.060	5150 to 5250	Pass
			10	24.0	5180.040	5150 to 5250	Pass
			30	24.0	5180.020	5150 to 5250	Pass
			40	24.0	5180.060	5150 to 5250	Pass
			50	24.0	5180.040	5150 to 5250	Pass
		5200	20	20.4	5200.060	5150 to 5250	Pass
				24.0	5200.100	5150 to 5250	Pass
				27.6	5200.060	5150 to 5250	Pass
			-30	24.0	5200.020	5150 to 5250	Pass
			-20	24.0	5200.080	5150 to 5250	Pass
			-10	24.0	5200.040	5150 to 5250	Pass
			0	24.0	5200.040	5150 to 5250	Pass
			10	24.0	5200.040	5150 to 5250	Pass
			30	24.0	5200.080	5150 to 5250	Pass
			40	24.0	5200.100	5150 to 5250	Pass
			50	24.0	5200.060	5150 to 5250	Pass
		5240	20	20.4	5240.060	5150 to 5250	Pass
				24.0	5240.120	5150 to 5250	Pass
				27.6	5240.060	5150 to 5250	Pass
			-30	24.0	5240.100	5150 to 5250	Pass
			-20	24.0	5240.120	5150 to 5250	Pass
			-10	24.0	5240.040	5150 to 5250	Pass
			0	24.0	5240.040	5150 to 5250	Pass
			10	24.0	5240.060	5150 to 5250	Pass
			30	24.0	5240.060	5150 to 5250	Pass
			40	24.0	5240.080	5150 to 5250	Pass
			50	24.0	5240.100	5150 to 5250	Pass
		5260	20	20.4	5260.040	5250 to 5350	Pass

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				24.0	5260.020	5250 to 5350	Pass
				27.6	5260.020	5250 to 5350	Pass
			-30	24.0	5260.020	5250 to 5350	Pass
			-20	24.0	5260.040	5250 to 5350	Pass
			-10	24.0	5260.020	5250 to 5350	Pass
			0	24.0	5260.100	5250 to 5350	Pass
			10	24.0	5260.100	5250 to 5350	Pass
			30	24.0	5260.060	5250 to 5350	Pass
			40	24.0	5260.080	5250 to 5350	Pass
			50	24.0	5260.080	5250 to 5350	Pass
		5300	20	20.4	5300.040	5250 to 5350	Pass
				24.0	5300.100	5250 to 5350	Pass
				27.6	5300.060	5250 to 5350	Pass
			-30	24.0	5300.060	5250 to 5350	Pass
			-20	24.0	5300.000	5250 to 5350	Pass
			-10	24.0	5300.080	5250 to 5350	Pass
			0	24.0	5300.100	5250 to 5350	Pass
			10	24.0	5300.040	5250 to 5350	Pass
			30	24.0	5300.040	5250 to 5350	Pass
			40	24.0	5300.080	5250 to 5350	Pass
			50	24.0	5300.100	5250 to 5350	Pass
		5320	20	20.4	5320.040	5250 to 5350	Pass
				24.0	5320.020	5250 to 5350	Pass
				27.6	5320.060	5250 to 5350	Pass
			-30	24.0	5320.040	5250 to 5350	Pass
			-20	24.0	5320.120	5250 to 5350	Pass
			-10	24.0	5320.080	5250 to 5350	Pass
			0	24.0	5320.100	5250 to 5350	Pass
			10	24.0	5320.080	5250 to 5350	Pass
			30	24.0	5320.060	5250 to 5350	Pass
			40	24.0	5320.060	5250 to 5350	Pass
			50	24.0	5319.980	5250 to 5350	Pass
		5500	20	20.4	5500.080	5470 to 5725	Pass
				24.0	5500.060	5470 to 5725	Pass
				27.6	5500.020	5470 to 5725	Pass
			-30	24.0	5500.000	5470 to 5725	Pass
			-20	24.0	5500.000	5470 to 5725	Pass
			-10	24.0	5500.080	5470 to 5725	Pass
			0	24.0	5500.060	5470 to 5725	Pass
			10	24.0	5500.020	5470 to 5725	Pass
			30	24.0	5500.100	5470 to 5725	Pass
			40	24.0	5500.080	5470 to 5725	Pass
			50	24.0	5500.020	5470 to 5725	Pass
		5580	20	20.4	5580.080	5470 to 5725	Pass

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				24.0	5580.020	5470 to 5725	Pass
				27.6	5580.000	5470 to 5725	Pass
			-30	24.0	5580.080	5470 to 5725	Pass
			-20	24.0	5580.000	5470 to 5725	Pass
			-10	24.0	5580.080	5470 to 5725	Pass
			0	24.0	5580.040	5470 to 5725	Pass
			10	24.0	5580.040	5470 to 5725	Pass
			30	24.0	5580.060	5470 to 5725	Pass
			40	24.0	5580.020	5470 to 5725	Pass
			50	24.0	5580.060	5470 to 5725	Pass
		5700	20	20.4	5700.040	5470 to 5725	Pass
				24.0	5700.040	5470 to 5725	Pass
				27.6	5700.080	5470 to 5725	Pass
			-30	24.0	5700.060	5470 to 5725	Pass
			-20	24.0	5700.060	5470 to 5725	Pass
			-10	24.0	5700.020	5470 to 5725	Pass
			0	24.0	5700.040	5470 to 5725	Pass
			10	24.0	5700.080	5470 to 5725	Pass
			30	24.0	5700.080	5470 to 5725	Pass
			40	24.0	5700.020	5470 to 5725	Pass
			50	24.0	5700.060	5470 to 5725	Pass
		5745	20	20.4	5745.060	5725 to 5850	Pass
				24.0	5744.980	5725 to 5850	Pass
				27.6	5745.060	5725 to 5850	Pass
			-30	24.0	5745.060	5725 to 5850	Pass
			-20	24.0	5744.980	5725 to 5850	Pass
			-10	24.0	5745.000	5725 to 5850	Pass
			0	24.0	5745.060	5725 to 5850	Pass
			10	24.0	5745.020	5725 to 5850	Pass
			30	24.0	5745.040	5725 to 5850	Pass
			40	24.0	5745.040	5725 to 5850	Pass
			50	24.0	5745.060	5725 to 5850	Pass
		5785	20	20.4	5785.100	5725 to 5850	Pass
				24.0	5785.060	5725 to 5850	Pass
				27.6	5785.060	5725 to 5850	Pass
			-30	24.0	5785.080	5725 to 5850	Pass
			-20	24.0	5785.000	5725 to 5850	Pass
			-10	24.0	5785.020	5725 to 5850	Pass
			0	24.0	5785.040	5725 to 5850	Pass
			10	24.0	5785.040	5725 to 5850	Pass
			30	24.0	5785.080	5725 to 5850	Pass
			40	24.0	5785.080	5725 to 5850	Pass
			50	24.0	5785.100	5725 to 5850	Pass
		5825	20	20.4	5825.020	5725 to 5850	Pass



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				24.0	5825.020	5725 to 5850	Pass
				27.6	5825.040	5725 to 5850	Pass
				-30	5825.080	5725 to 5850	Pass
				-20	5825.060	5725 to 5850	Pass
				-10	5825.060	5725 to 5850	Pass
				0	5825.060	5725 to 5850	Pass
				10	5825.060	5725 to 5850	Pass
				30	5825.040	5725 to 5850	Pass
				40	5825.060	5725 to 5850	Pass
				50	5825.040	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	20	20.4	5180.040	5150 to 5250	Pass
				24.0	5180.020	5150 to 5250	Pass
				27.6	5179.980	5150 to 5250	Pass
			-30	24.0	5180.020	5150 to 5250	Pass
			-20	24.0	5180.020	5150 to 5250	Pass
			-10	24.0	5180.080	5150 to 5250	Pass
			0	24.0	5180.020	5150 to 5250	Pass
			10	24.0	5180.060	5150 to 5250	Pass
			30	24.0	5180.040	5150 to 5250	Pass
			40	24.0	5180.060	5150 to 5250	Pass
			50	24.0	5180.100	5150 to 5250	Pass
		5200	20	20.4	5200.080	5150 to 5250	Pass
				24.0	5200.080	5150 to 5250	Pass
				27.6	5200.060	5150 to 5250	Pass
			-30	24.0	5200.060	5150 to 5250	Pass
			-20	24.0	5200.040	5150 to 5250	Pass
			-10	24.0	5200.100	5150 to 5250	Pass
			0	24.0	5200.060	5150 to 5250	Pass
			10	24.0	5200.060	5150 to 5250	Pass
			30	24.0	5200.000	5150 to 5250	Pass
			40	24.0	5200.040	5150 to 5250	Pass
			50	24.0	5200.020	5150 to 5250	Pass
		5240	20	20.4	5240.020	5150 to 5250	Pass
				24.0	5240.020	5150 to 5250	Pass
				27.6	5240.020	5150 to 5250	Pass
			-30	24.0	5240.060	5150 to 5250	Pass
			-20	24.0	5240.080	5150 to 5250	Pass
			-10	24.0	5240.100	5150 to 5250	Pass
			0	24.0	5240.040	5150 to 5250	Pass
			10	24.0	5240.000	5150 to 5250	Pass
			30	24.0	5240.080	5150 to 5250	Pass
			40	24.0	5240.040	5150 to 5250	Pass
			50	24.0	5240.080	5150 to 5250	Pass
		5260	20	20.4	5260.060	5250 to 5350	Pass



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				24.0	5260.040	5250 to 5350	Pass
				27.6	5260.060	5250 to 5350	Pass
			-30	24.0	5260.060	5250 to 5350	Pass
			-20	24.0	5260.040	5250 to 5350	Pass
			-10	24.0	5260.040	5250 to 5350	Pass
			0	24.0	5260.100	5250 to 5350	Pass
			10	24.0	5260.040	5250 to 5350	Pass
			30	24.0	5259.980	5250 to 5350	Pass
			40	24.0	5260.040	5250 to 5350	Pass
			50	24.0	5260.120	5250 to 5350	Pass
		5300	20	20.4	5300.080	5250 to 5350	Pass
				24.0	5300.040	5250 to 5350	Pass
				27.6	5300.120	5250 to 5350	Pass
			-30	24.0	5300.100	5250 to 5350	Pass
			-20	24.0	5300.040	5250 to 5350	Pass
			-10	24.0	5300.080	5250 to 5350	Pass
			0	24.0	5300.120	5250 to 5350	Pass
			10	24.0	5300.000	5250 to 5350	Pass
			30	24.0	5300.140	5250 to 5350	Pass
			40	24.0	5300.120	5250 to 5350	Pass
			50	24.0	5300.080	5250 to 5350	Pass
		5320	20	20.4	5320.040	5250 to 5350	Pass
				24.0	5320.080	5250 to 5350	Pass
				27.6	5320.040	5250 to 5350	Pass
			-30	24.0	5320.120	5250 to 5350	Pass
			-20	24.0	5320.060	5250 to 5350	Pass
			-10	24.0	5320.100	5250 to 5350	Pass
			0	24.0	5320.100	5250 to 5350	Pass
			10	24.0	5320.080	5250 to 5350	Pass
			30	24.0	5320.040	5250 to 5350	Pass
			40	24.0	5320.060	5250 to 5350	Pass
			50	24.0	5320.060	5250 to 5350	Pass
		5500	20	20.4	5500.060	5470 to 5725	Pass
				24.0	5500.060	5470 to 5725	Pass
				27.6	5500.080	5470 to 5725	Pass
			-30	24.0	5500.060	5470 to 5725	Pass
			-20	24.0	5500.100	5470 to 5725	Pass
			-10	24.0	5500.000	5470 to 5725	Pass
			0	24.0	5500.060	5470 to 5725	Pass
			10	24.0	5500.020	5470 to 5725	Pass
			30	24.0	5500.060	5470 to 5725	Pass
			40	24.0	5500.040	5470 to 5725	Pass
			50	24.0	5500.000	5470 to 5725	Pass
		5580	20	20.4	5580.020	5470 to 5725	Pass

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				24.0	5580.040	5470 to 5725	Pass
				27.6	5580.060	5470 to 5725	Pass
			-30	24.0	5580.000	5470 to 5725	Pass
			-20	24.0	5580.100	5470 to 5725	Pass
			-10	24.0	5580.000	5470 to 5725	Pass
			0	24.0	5580.080	5470 to 5725	Pass
			10	24.0	5580.080	5470 to 5725	Pass
			30	24.0	5579.960	5470 to 5725	Pass
			40	24.0	5580.080	5470 to 5725	Pass
			50	24.0	5580.100	5470 to 5725	Pass
		5700	20	20.4	5700.000	5470 to 5725	Pass
				24.0	5700.040	5470 to 5725	Pass
				27.6	5700.100	5470 to 5725	Pass
			-30	24.0	5700.060	5470 to 5725	Pass
			-20	24.0	5700.080	5470 to 5725	Pass
			-10	24.0	5700.040	5470 to 5725	Pass
			0	24.0	5700.120	5470 to 5725	Pass
			10	24.0	5699.980	5470 to 5725	Pass
			30	24.0	5700.060	5470 to 5725	Pass
			40	24.0	5700.100	5470 to 5725	Pass
			50	24.0	5700.040	5470 to 5725	Pass
		5745	20	20.4	5745.060	5725 to 5850	Pass
				24.0	5745.080	5725 to 5850	Pass
				27.6	5745.060	5725 to 5850	Pass
			-30	24.0	5745.060	5725 to 5850	Pass
			-20	24.0	5745.060	5725 to 5850	Pass
			-10	24.0	5745.040	5725 to 5850	Pass
			0	24.0	5745.060	5725 to 5850	Pass
			10	24.0	5745.000	5725 to 5850	Pass
			30	24.0	5745.080	5725 to 5850	Pass
			40	24.0	5745.040	5725 to 5850	Pass
			50	24.0	5745.080	5725 to 5850	Pass
		5785	20	20.4	5785.060	5725 to 5850	Pass
				24.0	5784.980	5725 to 5850	Pass
				27.6	5785.020	5725 to 5850	Pass
			-30	24.0	5785.060	5725 to 5850	Pass
			-20	24.0	5785.040	5725 to 5850	Pass
			-10	24.0	5785.020	5725 to 5850	Pass
			0	24.0	5785.020	5725 to 5850	Pass
			10	24.0	5784.980	5725 to 5850	Pass
			30	24.0	5785.020	5725 to 5850	Pass
			40	24.0	5785.040	5725 to 5850	Pass
			50	24.0	5785.120	5725 to 5850	Pass
		5825	20	20.4	5825.040	5725 to 5850	Pass



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				24.0	5825.060	5725 to 5850	Pass
				27.6	5825.040	5725 to 5850	Pass
				-30	5825.100	5725 to 5850	Pass
				-20	5825.100	5725 to 5850	Pass
				-10	5825.060	5725 to 5850	Pass
				0	5825.060	5725 to 5850	Pass
				10	5825.020	5725 to 5850	Pass
				30	5813.800	5725 to 5850	Pass
				40	5825.020	5725 to 5850	Pass
				50	5825.100	5725 to 5850	Pass
802.11n (HT40)	SISO	5190	20	20.4	5190.120	5150 to 5250	Pass
				24.0	5190.120	5150 to 5250	Pass
				27.6	5190.120	5150 to 5250	Pass
			-30	24.0	5190.120	5150 to 5250	Pass
			-20	24.0	5190.160	5150 to 5250	Pass
			-10	24.0	5190.120	5150 to 5250	Pass
			0	24.0	5190.080	5150 to 5250	Pass
			10	24.0	5190.120	5150 to 5250	Pass
			30	24.0	5190.040	5150 to 5250	Pass
			40	24.0	5190.160	5150 to 5250	Pass
			50	24.0	5190.080	5150 to 5250	Pass
		5230	20	20.4	5230.080	5150 to 5250	Pass
				24.0	5230.160	5150 to 5250	Pass
				27.6	5230.120	5150 to 5250	Pass
			-30	24.0	5230.120	5150 to 5250	Pass
			-20	24.0	5230.200	5150 to 5250	Pass
			-10	24.0	5230.120	5150 to 5250	Pass
			0	24.0	5230.160	5150 to 5250	Pass
			10	24.0	5230.200	5150 to 5250	Pass
			30	24.0	5230.160	5150 to 5250	Pass
			40	24.0	5230.120	5150 to 5250	Pass
			50	24.0	5230.080	5150 to 5250	Pass
		5270	20	20.4	5270.120	5250 to 5350	Pass
				24.0	5270.200	5250 to 5350	Pass
				27.6	5270.160	5250 to 5350	Pass
			-30	24.0	5270.120	5250 to 5350	Pass
			-20	24.0	5270.120	5250 to 5350	Pass
			-10	24.0	5270.080	5250 to 5350	Pass
			0	24.0	5270.160	5250 to 5350	Pass
			10	24.0	5270.160	5250 to 5350	Pass
			30	24.0	5270.080	5250 to 5350	Pass
			40	24.0	5270.120	5250 to 5350	Pass
			50	24.0	5270.160	5250 to 5350	Pass
		5310	20	20.4	5310.200	5250 to 5350	Pass



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				24.0	5310.160	5250 to 5350	Pass
				27.6	5310.120	5250 to 5350	Pass
			-30	24.0	5310.160	5250 to 5350	Pass
			-20	24.0	5310.120	5250 to 5350	Pass
			-10	24.0	5310.120	5250 to 5350	Pass
			0	24.0	5310.120	5250 to 5350	Pass
			10	24.0	5310.160	5250 to 5350	Pass
			30	24.0	5310.160	5250 to 5350	Pass
			40	24.0	5310.160	5250 to 5350	Pass
			50	24.0	5310.200	5250 to 5350	Pass
		5510	20	20.4	5510.080	5470 to 5725	Pass
				24.0	5510.080	5470 to 5725	Pass
				27.6	5510.120	5470 to 5725	Pass
			-30	24.0	5510.080	5470 to 5725	Pass
			-20	24.0	5510.080	5470 to 5725	Pass
			-10	24.0	5510.000	5470 to 5725	Pass
			0	24.0	5510.080	5470 to 5725	Pass
			10	24.0	5510.000	5470 to 5725	Pass
			30	24.0	5510.000	5470 to 5725	Pass
			40	24.0	5510.040	5470 to 5725	Pass
			50	24.0	5510.080	5470 to 5725	Pass
		5550	20	20.4	5550.080	5470 to 5725	Pass
				24.0	5550.120	5470 to 5725	Pass
				27.6	5550.120	5470 to 5725	Pass
			-30	24.0	5550.040	5470 to 5725	Pass
			-20	24.0	5550.080	5470 to 5725	Pass
			-10	24.0	5550.120	5470 to 5725	Pass
			0	24.0	5550.120	5470 to 5725	Pass
			10	24.0	5550.040	5470 to 5725	Pass
			30	24.0	5550.120	5470 to 5725	Pass
			40	24.0	5550.000	5470 to 5725	Pass
			50	24.0	5550.040	5470 to 5725	Pass
		5670	20	20.4	5670.040	5470 to 5725	Pass
				24.0	5670.080	5470 to 5725	Pass
				27.6	5670.120	5470 to 5725	Pass
			-30	24.0	5670.080	5470 to 5725	Pass
			-20	24.0	5670.160	5470 to 5725	Pass
			-10	24.0	5670.080	5470 to 5725	Pass
			0	24.0	5670.120	5470 to 5725	Pass
			10	24.0	5670.080	5470 to 5725	Pass
			30	24.0	5670.160	5470 to 5725	Pass
			40	24.0	5670.080	5470 to 5725	Pass
			50	24.0	5670.160	5470 to 5725	Pass
		5755	20	20.4	5755.080	5725 to 5850	Pass

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				24.0	5755.120	5725 to 5850	Pass
				27.6	5755.040	5725 to 5850	Pass
			-30	24.0	5755.080	5725 to 5850	Pass
			-20	24.0	5755.040	5725 to 5850	Pass
			-10	24.0	5755.160	5725 to 5850	Pass
			0	24.0	5755.080	5725 to 5850	Pass
			10	24.0	5755.080	5725 to 5850	Pass
			30	24.0	5755.080	5725 to 5850	Pass
			40	24.0	5755.080	5725 to 5850	Pass
			50	24.0	5755.120	5725 to 5850	Pass
		5795	20	20.4	5795.040	5725 to 5850	Pass
				24.0	5795.160	5725 to 5850	Pass
				27.6	5795.160	5725 to 5850	Pass
			-30	24.0	5795.120	5725 to 5850	Pass
			-20	24.0	5795.080	5725 to 5850	Pass
			-10	24.0	5795.160	5725 to 5850	Pass
			0	24.0	5795.040	5725 to 5850	Pass
			10	24.0	5795.120	5725 to 5850	Pass
			30	24.0	5795.200	5725 to 5850	Pass
			40	24.0	5795.120	5725 to 5850	Pass
			50	24.0	5795.120	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5180	20	20.4	5180.060	5150 to 5250	Pass
				24.0	5180.020	5150 to 5250	Pass
				27.6	5180.040	5150 to 5250	Pass
			-30	24.0	5180.040	5150 to 5250	Pass
			-20	24.0	5180.040	5150 to 5250	Pass
			-10	24.0	5180.060	5150 to 5250	Pass
			0	24.0	5180.040	5150 to 5250	Pass
			10	24.0	5180.040	5150 to 5250	Pass
			30	24.0	5180.020	5150 to 5250	Pass
			40	24.0	5180.040	5150 to 5250	Pass
			50	24.0	5180.100	5150 to 5250	Pass
		5200	20	20.4	5200.060	5150 to 5250	Pass
				24.0	5200.040	5150 to 5250	Pass
				27.6	5200.080	5150 to 5250	Pass
			-30	24.0	5200.000	5150 to 5250	Pass
			-20	24.0	5200.020	5150 to 5250	Pass
			-10	24.0	5200.020	5150 to 5250	Pass
			0	24.0	5200.080	5150 to 5250	Pass
			10	24.0	5200.080	5150 to 5250	Pass
			30	24.0	5200.060	5150 to 5250	Pass
			40	24.0	5200.040	5150 to 5250	Pass
			50	24.0	5200.060	5150 to 5250	Pass
		5240	20	20.4	5240.080	5150 to 5250	Pass



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				24.0	5240.000	5150 to 5250	Pass
				27.6	5240.060	5150 to 5250	Pass
			-30	24.0	5240.060	5150 to 5250	Pass
			-20	24.0	5240.080	5150 to 5250	Pass
			-10	24.0	5240.020	5150 to 5250	Pass
			0	24.0	5240.100	5150 to 5250	Pass
			10	24.0	5240.020	5150 to 5250	Pass
			30	24.0	5240.080	5150 to 5250	Pass
			40	24.0	5240.080	5150 to 5250	Pass
			50	24.0	5240.040	5150 to 5250	Pass
		5260	20	20.4	5260.080	5250 to 5350	Pass
				24.0	5260.060	5250 to 5350	Pass
				27.6	5260.040	5250 to 5350	Pass
			-30	24.0	5260.080	5250 to 5350	Pass
			-20	24.0	5260.060	5250 to 5350	Pass
			-10	24.0	5260.000	5250 to 5350	Pass
			0	24.0	5260.020	5250 to 5350	Pass
			10	24.0	5260.060	5250 to 5350	Pass
			30	24.0	5260.000	5250 to 5350	Pass
			40	24.0	5260.040	5250 to 5350	Pass
			50	24.0	5260.100	5250 to 5350	Pass
		5300	20	20.4	5300.100	5250 to 5350	Pass
				24.0	5300.080	5250 to 5350	Pass
				27.6	5300.080	5250 to 5350	Pass
			-30	24.0	5300.120	5250 to 5350	Pass
			-20	24.0	5300.040	5250 to 5350	Pass
			-10	24.0	5300.060	5250 to 5350	Pass
			0	24.0	5300.080	5250 to 5350	Pass
			10	24.0	5300.060	5250 to 5350	Pass
			30	24.0	5300.080	5250 to 5350	Pass
			40	24.0	5300.080	5250 to 5350	Pass
			50	24.0	5300.020	5250 to 5350	Pass
		5320	20	20.4	5320.020	5250 to 5350	Pass
				24.0	5320.100	5250 to 5350	Pass
				27.6	5320.040	5250 to 5350	Pass
			-30	24.0	5320.100	5250 to 5350	Pass
			-20	24.0	5320.100	5250 to 5350	Pass
			-10	24.0	5320.080	5250 to 5350	Pass
			0	24.0	5320.040	5250 to 5350	Pass
			10	24.0	5320.020	5250 to 5350	Pass
			30	24.0	5320.060	5250 to 5350	Pass
			40	24.0	5320.080	5250 to 5350	Pass
			50	24.0	5320.040	5250 to 5350	Pass
		5500	20	20.4	5500.040	5470 to 5725	Pass

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				24.0	5500.020	5470 to 5725	Pass
				27.6	5500.060	5470 to 5725	Pass
			-30	24.0	5500.020	5470 to 5725	Pass
			-20	24.0	5500.020	5470 to 5725	Pass
			-10	24.0	5500.020	5470 to 5725	Pass
			0	24.0	5500.040	5470 to 5725	Pass
			10	24.0	5500.080	5470 to 5725	Pass
			30	24.0	5500.040	5470 to 5725	Pass
			40	24.0	5500.000	5470 to 5725	Pass
			50	24.0	5499.920	5470 to 5725	Pass
		5580	20	20.4	5580.020	5470 to 5725	Pass
				24.0	5580.040	5470 to 5725	Pass
				27.6	5580.080	5470 to 5725	Pass
			-30	24.0	5580.040	5470 to 5725	Pass
			-20	24.0	5580.020	5470 to 5725	Pass
			-10	24.0	5580.000	5470 to 5725	Pass
			0	24.0	5580.000	5470 to 5725	Pass
			10	24.0	5580.060	5470 to 5725	Pass
			30	24.0	5580.020	5470 to 5725	Pass
			40	24.0	5580.000	5470 to 5725	Pass
			50	24.0	5580.060	5470 to 5725	Pass
		5700	20	20.4	5700.060	5470 to 5725	Pass
				24.0	5700.120	5470 to 5725	Pass
				27.6	5700.100	5470 to 5725	Pass
			-30	24.0	5700.000	5470 to 5725	Pass
			-20	24.0	5700.100	5470 to 5725	Pass
			-10	24.0	5700.080	5470 to 5725	Pass
			0	24.0	5700.060	5470 to 5725	Pass
			10	24.0	5700.040	5470 to 5725	Pass
			30	24.0	5700.040	5470 to 5725	Pass
			40	24.0	5700.080	5470 to 5725	Pass
			50	24.0	5700.040	5470 to 5725	Pass
		5745	20	20.4	5745.080	5725 to 5850	Pass
				24.0	5745.020	5725 to 5850	Pass
				27.6	5745.060	5725 to 5850	Pass
			-30	24.0	5745.060	5725 to 5850	Pass
			-20	24.0	5744.980	5725 to 5850	Pass
			-10	24.0	5745.040	5725 to 5850	Pass
			0	24.0	5745.040	5725 to 5850	Pass
			10	24.0	5745.080	5725 to 5850	Pass
			30	24.0	5745.080	5725 to 5850	Pass
			40	24.0	5745.080	5725 to 5850	Pass
			50	24.0	5745.100	5725 to 5850	Pass
		5785	20	20.4	5785.080	5725 to 5850	Pass



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				24.0	5785.060	5725 to 5850	Pass
				27.6	5785.020	5725 to 5850	Pass
			-30	24.0	5785.060	5725 to 5850	Pass
			-20	24.0	5785.000	5725 to 5850	Pass
			-10	24.0	5784.980	5725 to 5850	Pass
			0	24.0	5785.040	5725 to 5850	Pass
			10	24.0	5785.040	5725 to 5850	Pass
			30	24.0	5785.100	5725 to 5850	Pass
			40	24.0	5785.040	5725 to 5850	Pass
			50	24.0	5785.060	5725 to 5850	Pass
		5825	20	20.4	5825.040	5725 to 5850	Pass
				24.0	5825.040	5725 to 5850	Pass
				27.6	5825.040	5725 to 5850	Pass
			-30	24.0	5825.040	5725 to 5850	Pass
			-20	24.0	5825.060	5725 to 5850	Pass
			-10	24.0	5825.060	5725 to 5850	Pass
			0	24.0	5825.020	5725 to 5850	Pass
			10	24.0	5825.040	5725 to 5850	Pass
			30	24.0	5825.060	5725 to 5850	Pass
			40	24.0	5825.020	5725 to 5850	Pass
			50	24.0	5825.120	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5190	20	20.4	5190.080	5150 to 5250	Pass
				24.0	5190.080	5150 to 5250	Pass
				27.6	5190.080	5150 to 5250	Pass
			-30	24.0	5190.160	5150 to 5250	Pass
			-20	24.0	5190.080	5150 to 5250	Pass
			-10	24.0	5190.160	5150 to 5250	Pass
			0	24.0	5190.120	5150 to 5250	Pass
			10	24.0	5190.080	5150 to 5250	Pass
			30	24.0	5190.080	5150 to 5250	Pass
			40	24.0	5190.080	5150 to 5250	Pass
			50	24.0	5190.120	5150 to 5250	Pass
		5230	20	20.4	5230.160	5150 to 5250	Pass
				24.0	5230.120	5150 to 5250	Pass
				27.6	5230.160	5150 to 5250	Pass
			-30	24.0	5230.120	5150 to 5250	Pass
			-20	24.0	5230.160	5150 to 5250	Pass
			-10	24.0	5230.160	5150 to 5250	Pass
			0	24.0	5230.160	5150 to 5250	Pass
			10	24.0	5230.240	5150 to 5250	Pass
			30	24.0	5230.120	5150 to 5250	Pass
			40	24.0	5230.160	5150 to 5250	Pass
			50	24.0	5230.120	5150 to 5250	Pass
		5270	20	20.4	5270.120	5250 to 5350	Pass

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				24.0	5270.120	5250 to 5350	Pass
				27.6	5270.080	5250 to 5350	Pass
			-30	24.0	5270.120	5250 to 5350	Pass
			-20	24.0	5270.160	5250 to 5350	Pass
			-10	24.0	5270.120	5250 to 5350	Pass
			0	24.0	5270.160	5250 to 5350	Pass
			10	24.0	5270.120	5250 to 5350	Pass
			30	24.0	5270.160	5250 to 5350	Pass
			40	24.0	5270.160	5250 to 5350	Pass
			50	24.0	5270.120	5250 to 5350	Pass
		5310	20	20.4	5310.120	5250 to 5350	Pass
				24.0	5310.120	5250 to 5350	Pass
				27.6	5310.080	5250 to 5350	Pass
			-30	24.0	5310.160	5250 to 5350	Pass
			-20	24.0	5310.120	5250 to 5350	Pass
			-10	24.0	5310.160	5250 to 5350	Pass
			0	24.0	5310.080	5250 to 5350	Pass
			10	24.0	5310.120	5250 to 5350	Pass
			30	24.0	5310.200	5250 to 5350	Pass
			40	24.0	5310.120	5250 to 5350	Pass
			50	24.0	5310.160	5250 to 5350	Pass
		5510	20	20.4	5510.040	5470 to 5725	Pass
				24.0	5510.080	5470 to 5725	Pass
				27.6	5510.040	5470 to 5725	Pass
			-30	24.0	5510.040	5470 to 5725	Pass
			-20	24.0	5510.040	5470 to 5725	Pass
			-10	24.0	5510.080	5470 to 5725	Pass
			0	24.0	5510.080	5470 to 5725	Pass
			10	24.0	5510.040	5470 to 5725	Pass
			30	24.0	5510.080	5470 to 5725	Pass
			40	24.0	5510.080	5470 to 5725	Pass
			50	24.0	5510.040	5470 to 5725	Pass
		5550	20	20.4	5550.080	5470 to 5725	Pass
				24.0	5550.120	5470 to 5725	Pass
				27.6	5550.040	5470 to 5725	Pass
			-30	24.0	5550.080	5470 to 5725	Pass
			-20	24.0	5550.120	5470 to 5725	Pass
			-10	24.0	5550.080	5470 to 5725	Pass
			0	24.0	5550.120	5470 to 5725	Pass
			10	24.0	5550.040	5470 to 5725	Pass
			30	24.0	5550.120	5470 to 5725	Pass
			40	24.0	5550.080	5470 to 5725	Pass
			50	24.0	5550.120	5470 to 5725	Pass
		5670	20	20.4	5670.120	5470 to 5725	Pass

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				24.0	5670.120	5470 to 5725	Pass
				27.6	5670.200	5470 to 5725	Pass
			-30	24.0	5670.120	5470 to 5725	Pass
			-20	24.0	5670.160	5470 to 5725	Pass
			-10	24.0	5670.160	5470 to 5725	Pass
			0	24.0	5670.080	5470 to 5725	Pass
			10	24.0	5670.120	5470 to 5725	Pass
			30	24.0	5670.120	5470 to 5725	Pass
			40	24.0	5670.120	5470 to 5725	Pass
			50	24.0	5670.160	5470 to 5725	Pass
		5755	20	20.4	5755.080	5725 to 5850	Pass
				24.0	5755.080	5725 to 5850	Pass
				27.6	5755.120	5725 to 5850	Pass
			-30	24.0	5755.120	5725 to 5850	Pass
			-20	24.0	5755.040	5725 to 5850	Pass
			-10	24.0	5755.040	5725 to 5850	Pass
			0	24.0	5755.080	5725 to 5850	Pass
			10	24.0	5755.120	5725 to 5850	Pass
			30	24.0	5755.160	5725 to 5850	Pass
			40	24.0	5755.080	5725 to 5850	Pass
			50	24.0	5755.120	5725 to 5850	Pass
		5795	20	20.4	5795.120	5725 to 5850	Pass
				24.0	5795.120	5725 to 5850	Pass
				27.6	5795.200	5725 to 5850	Pass
			-30	24.0	5795.000	5725 to 5850	Pass
			-20	24.0	5795.160	5725 to 5850	Pass
			-10	24.0	5795.080	5725 to 5850	Pass
			0	24.0	5795.120	5725 to 5850	Pass
			10	24.0	5795.080	5725 to 5850	Pass
			30	24.0	5795.080	5725 to 5850	Pass
			40	24.0	5795.120	5725 to 5850	Pass
			50	24.0	5795.120	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5210	20	20.4	5210.150	5150 to 5250	Pass
				24.0	5210.150	5150 to 5250	Pass
				27.6	5210.150	5150 to 5250	Pass
			-30	24.0	5210.075	5150 to 5250	Pass
			-20	24.0	5210.150	5150 to 5250	Pass
			-10	24.0	5210.225	5150 to 5250	Pass
			0	24.0	5210.150	5150 to 5250	Pass
			10	24.0	5210.075	5150 to 5250	Pass
			30	24.0	5210.150	5150 to 5250	Pass
			40	24.0	5210.225	5150 to 5250	Pass
			50	24.0	5210.150	5150 to 5250	Pass
		5290	20	20.4	5290.150	5250 to 5350	Pass

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				24.0	5290.225	5250 to 5350	Pass
				27.6	5290.225	5250 to 5350	Pass
			-30	24.0	5290.150	5250 to 5350	Pass
			-20	24.0	5290.225	5250 to 5350	Pass
			-10	24.0	5290.150	5250 to 5350	Pass
			0	24.0	5290.225	5250 to 5350	Pass
			10	24.0	5290.225	5250 to 5350	Pass
			30	24.0	5290.225	5250 to 5350	Pass
			40	24.0	5290.225	5250 to 5350	Pass
			50	24.0	5290.225	5250 to 5350	Pass
		5530	20	20.4	5530.075	5470 to 5725	Pass
				24.0	5530.075	5470 to 5725	Pass
				27.6	5530.075	5470 to 5725	Pass
			-30	24.0	5530.000	5470 to 5725	Pass
			-20	24.0	5530.075	5470 to 5725	Pass
			-10	24.0	5530.150	5470 to 5725	Pass
			0	24.0	5530.075	5470 to 5725	Pass
			10	24.0	5530.075	5470 to 5725	Pass
			30	24.0	5530.075	5470 to 5725	Pass
			40	24.0	5530.075	5470 to 5725	Pass
			50	24.0	5530.075	5470 to 5725	Pass
		5610	20	20.4	5610.150	5470 to 5725	Pass
				24.0	5610.150	5470 to 5725	Pass
				27.6	5610.075	5470 to 5725	Pass
			-30	24.0	5610.075	5470 to 5725	Pass
			-20	24.0	5610.150	5470 to 5725	Pass
			-10	24.0	5610.150	5470 to 5725	Pass
			0	24.0	5610.150	5470 to 5725	Pass
			10	24.0	5610.150	5470 to 5725	Pass
			30	24.0	5610.075	5470 to 5725	Pass
			40	24.0	5610.150	5470 to 5725	Pass
			50	24.0	5610.075	5470 to 5725	Pass
		5775	20	20.4	5775.225	5725 to 5850	Pass
				24.0	5775.075	5725 to 5850	Pass
				27.6	5775.150	5725 to 5850	Pass
			-30	24.0	5775.150	5725 to 5850	Pass
			-20	24.0	5775.075	5725 to 5850	Pass
			-10	24.0	5775.075	5725 to 5850	Pass
			0	24.0	5775.075	5725 to 5850	Pass
			10	24.0	5775.150	5725 to 5850	Pass
			30	24.0	5775.150	5725 to 5850	Pass
			40	24.0	5775.075	5725 to 5850	Pass
			50	24.0	5775.150	5725 to 5850	Pass



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1. Signal Calibration

1.1 SC

1.1.1 Test Result

Band: 2A						
Mode	Bandwidth (MHz)	Frequency (MHz)	Radar Signal		Signal Calibration	
			Type	Trial Id	Result	Limit
802.11ac (VHT80)	80	5290	0	0	Refer To Test Graph	Pass
			1	0	Refer To Test Graph	Pass
			2	0	Refer To Test Graph	Pass
			3	0	Refer To Test Graph	Pass
			4	0	Refer To Test Graph	Pass
			5	0	Refer To Test Graph	Pass
			6	0	Refer To Test Graph	Pass



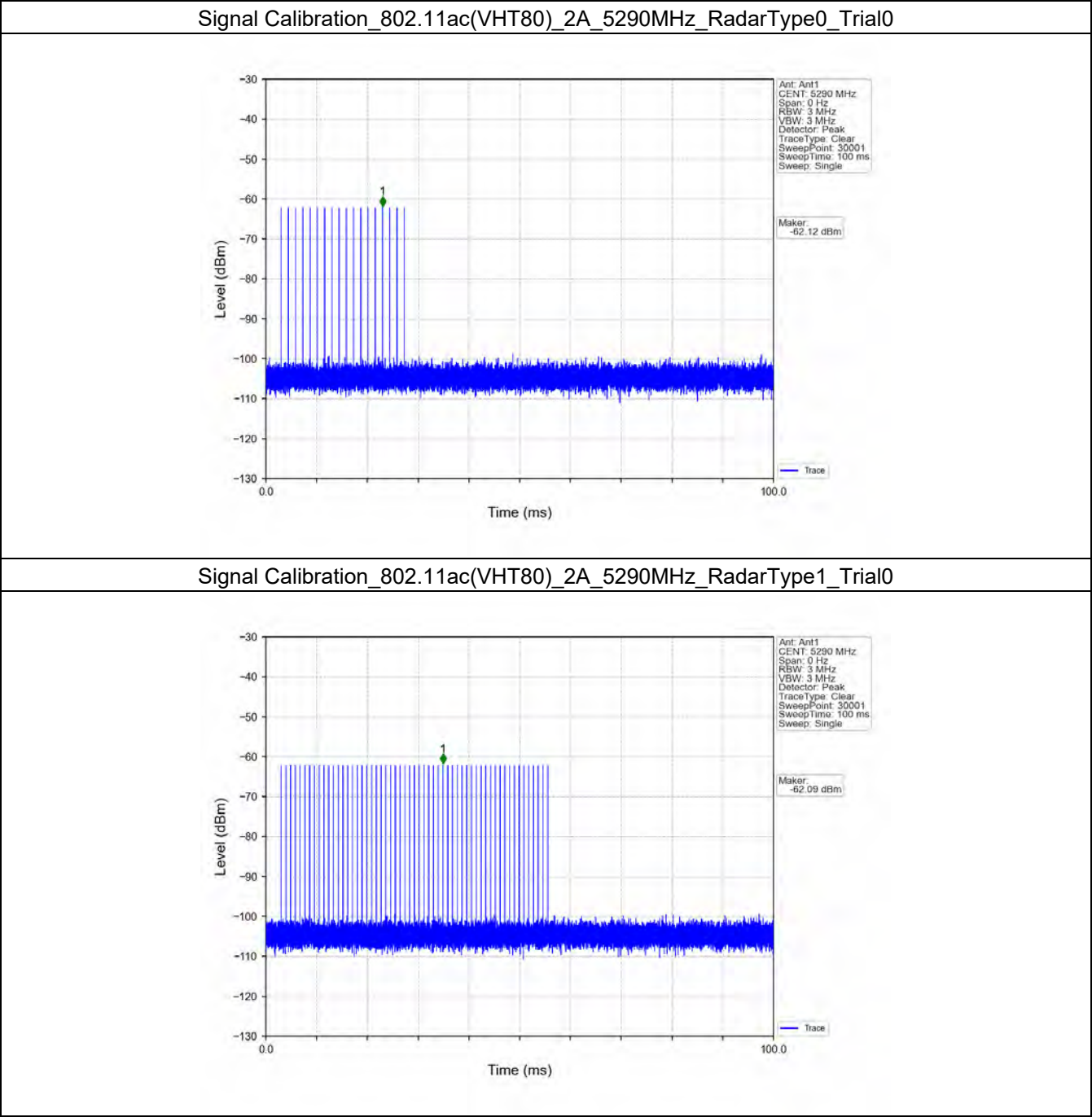
Compliance Certification Services (Kunshan) Inc.

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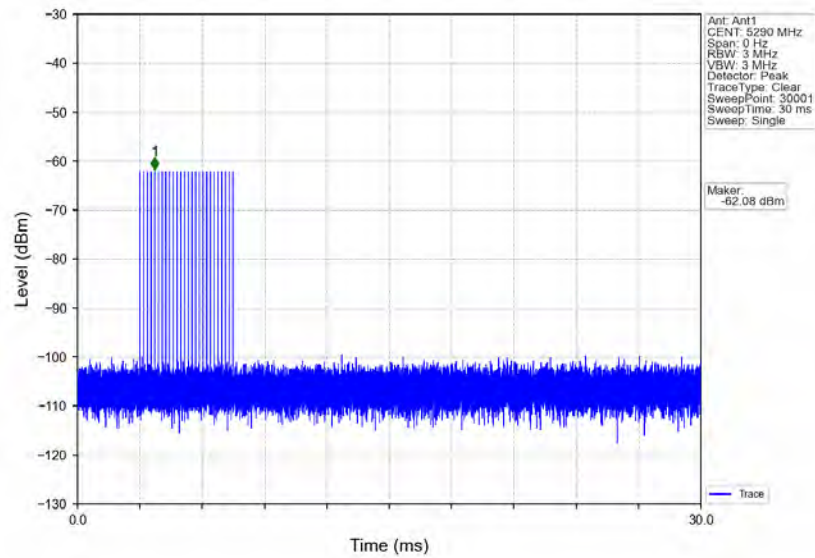
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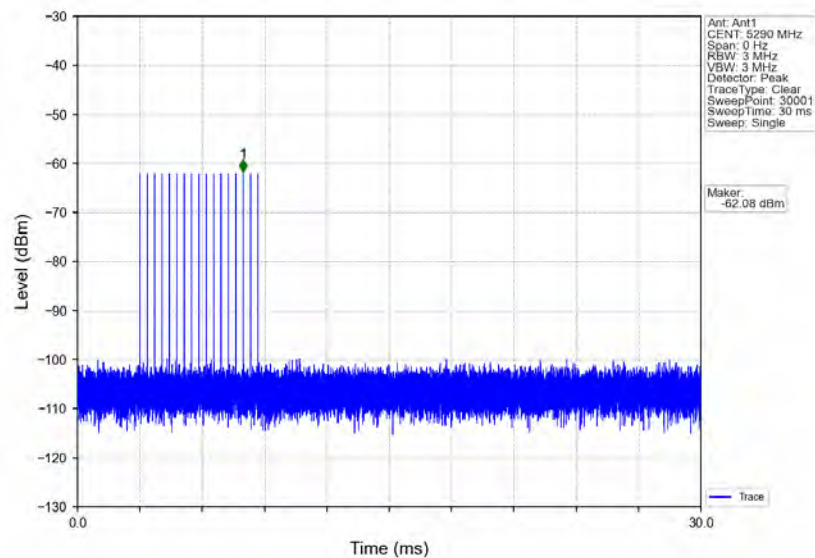
1.1.2 Test Graph



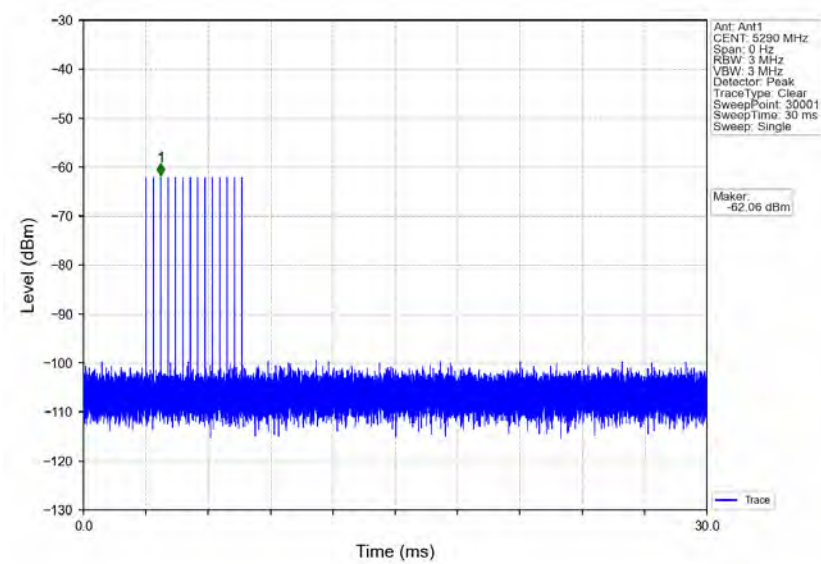
Signal Calibration_802.11ac(VHT80)_2A_5290MHz_RadarType2_Trial0



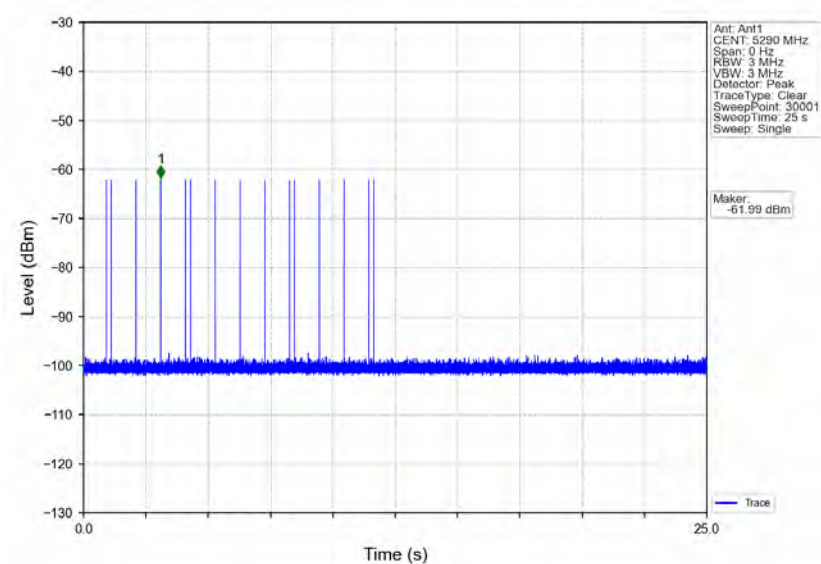
Signal Calibration_802.11ac(VHT80)_2A_5290MHz_RadarType3_Trial0

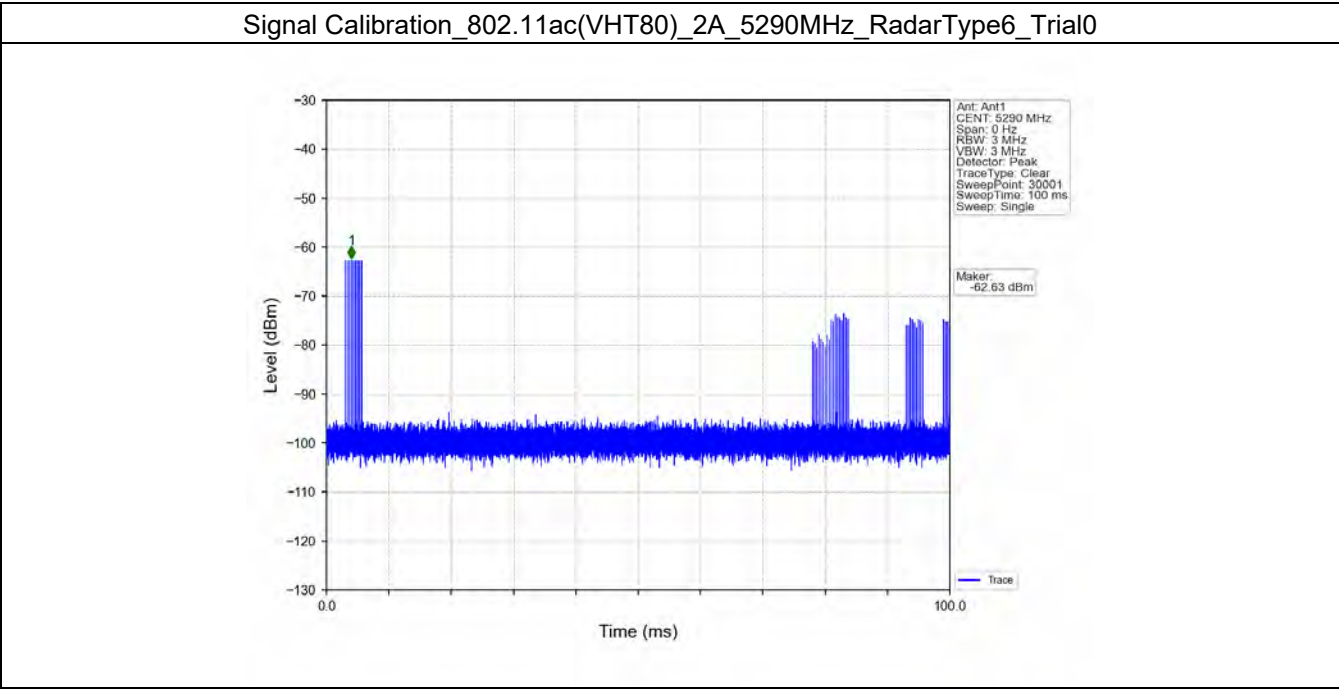


Signal Calibration_802.11ac(VHT80)_2A_5290MHz_RadarType4_Trial0



Signal Calibration_802.11ac(VHT80)_2A_5290MHz_RadarType5_Trial0



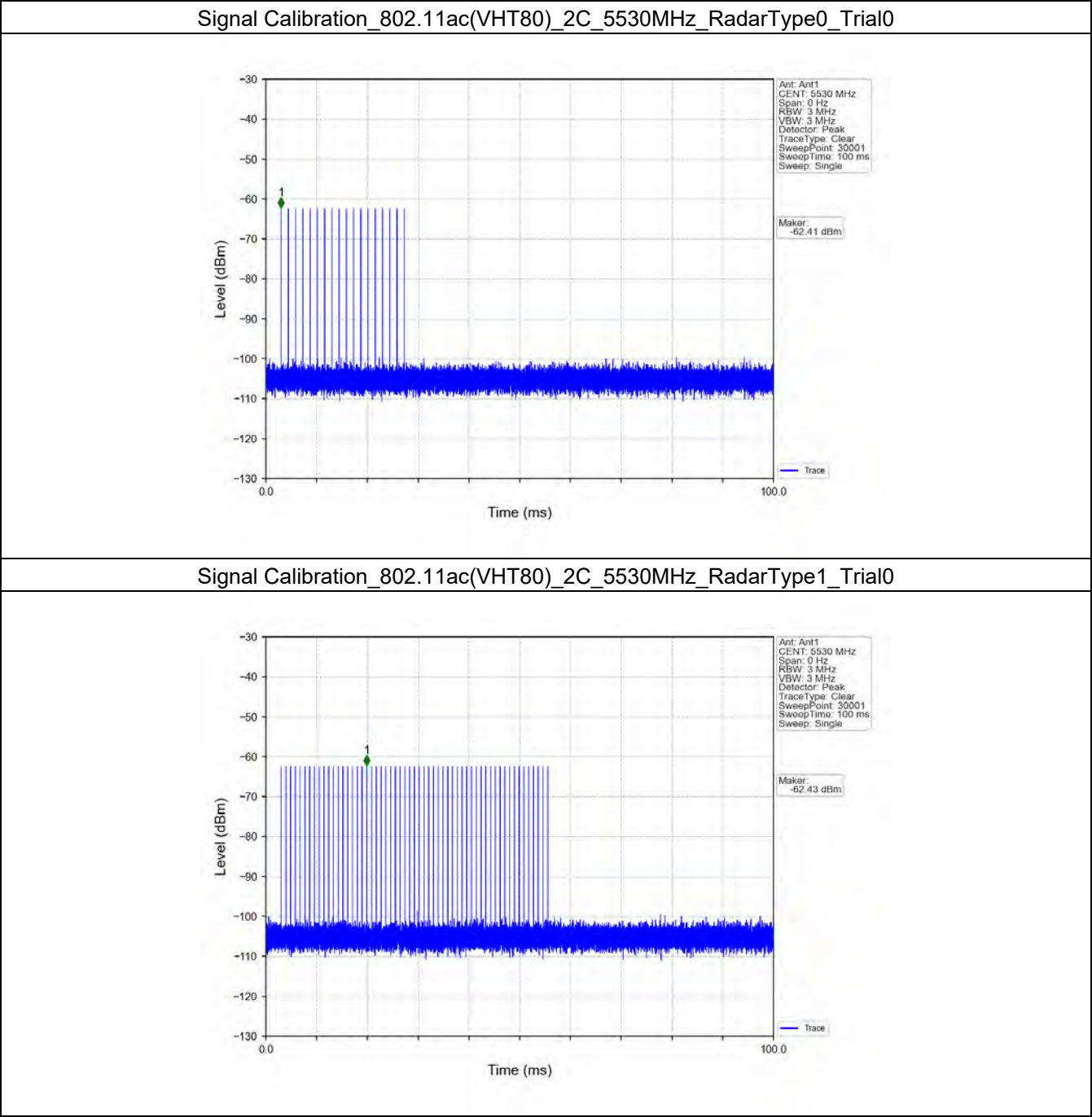


1.2 SC

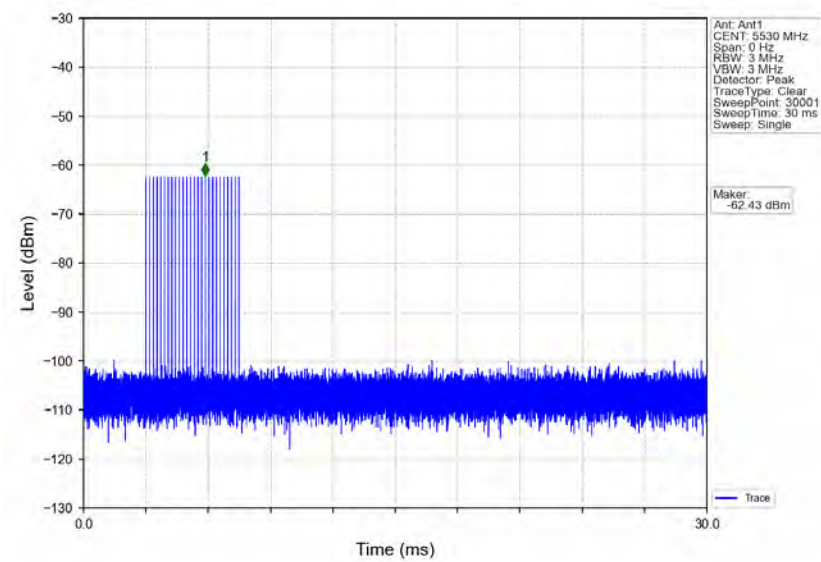
1.2.1 Test Result

Band: 2C						
Mode	Bandwidth (MHz)	Frequency (MHz)	Radar Signal		Signal Calibration	
			Type	Trial Id	Result	Limit
802.11ac (VHT80)	80	5530	0	0	Refer To Test Graph	Pass
			1	0	Refer To Test Graph	Pass
			2	0	Refer To Test Graph	Pass
			3	0	Refer To Test Graph	Pass
			4	0	Refer To Test Graph	Pass
			5	0	Refer To Test Graph	Pass
			6	0	Refer To Test Graph	Pass

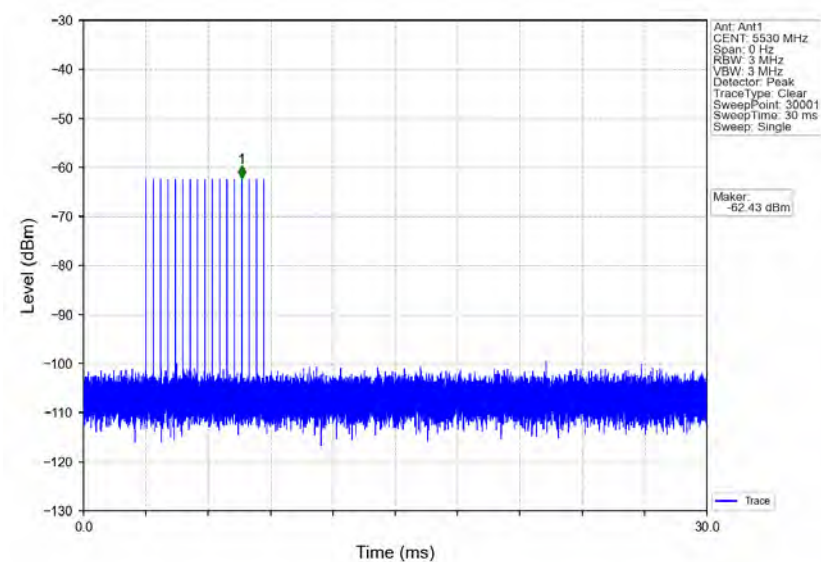
1.2.2 Test Graph



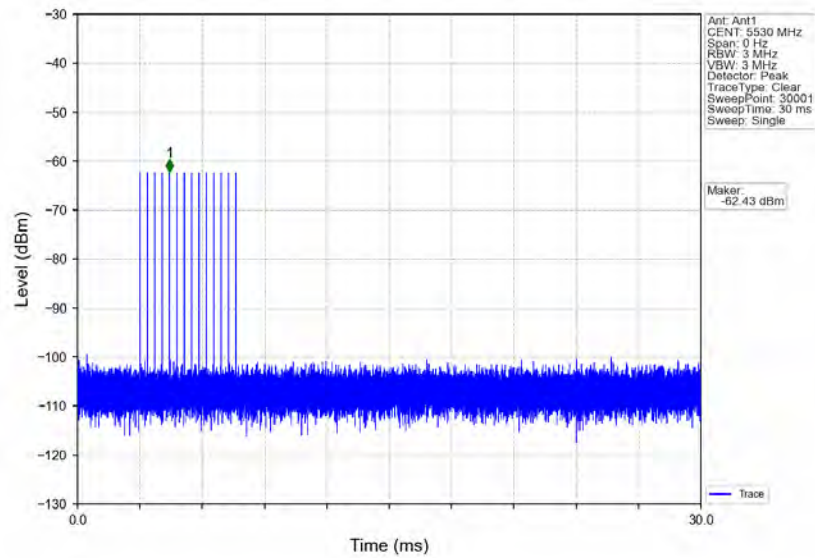
Signal Calibration_802.11ac(VHT80)_2C_5530MHz_RadarType2_Trial0



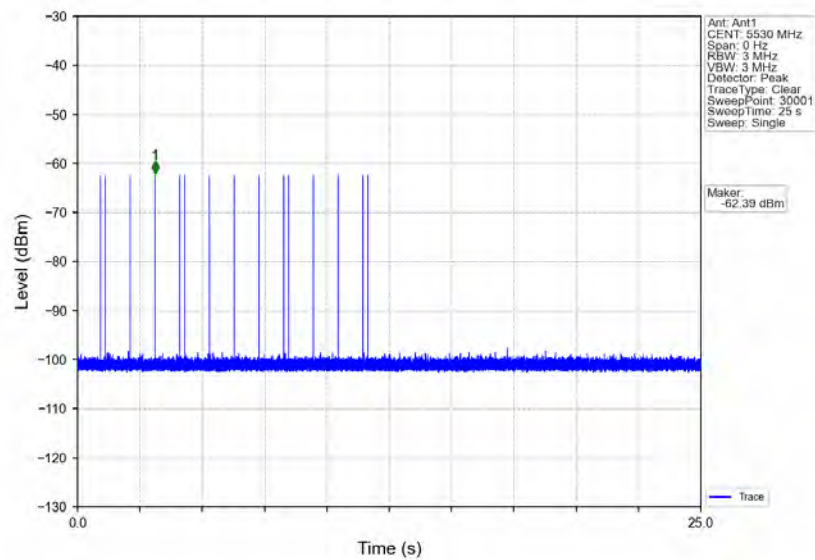
Signal Calibration_802.11ac(VHT80)_2C_5530MHz_RadarType3_Trial0



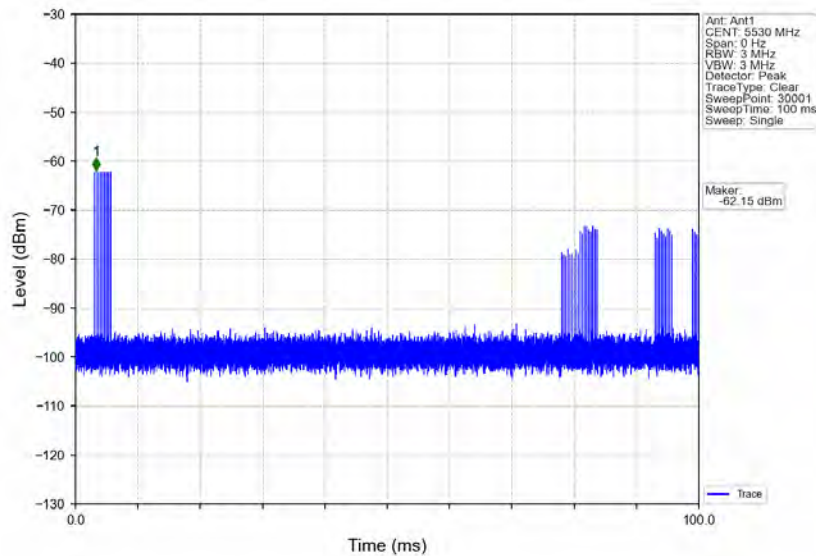
Signal Calibration_802.11ac(VHT80)_2C_5530MHz_RadarType4_Trial0



Signal Calibration_802.11ac(VHT80)_2C_5530MHz_RadarType5_Trial0



Signal Calibration_802.11ac(VHT80)_2C_5530MHz_RadarType6_Trial0



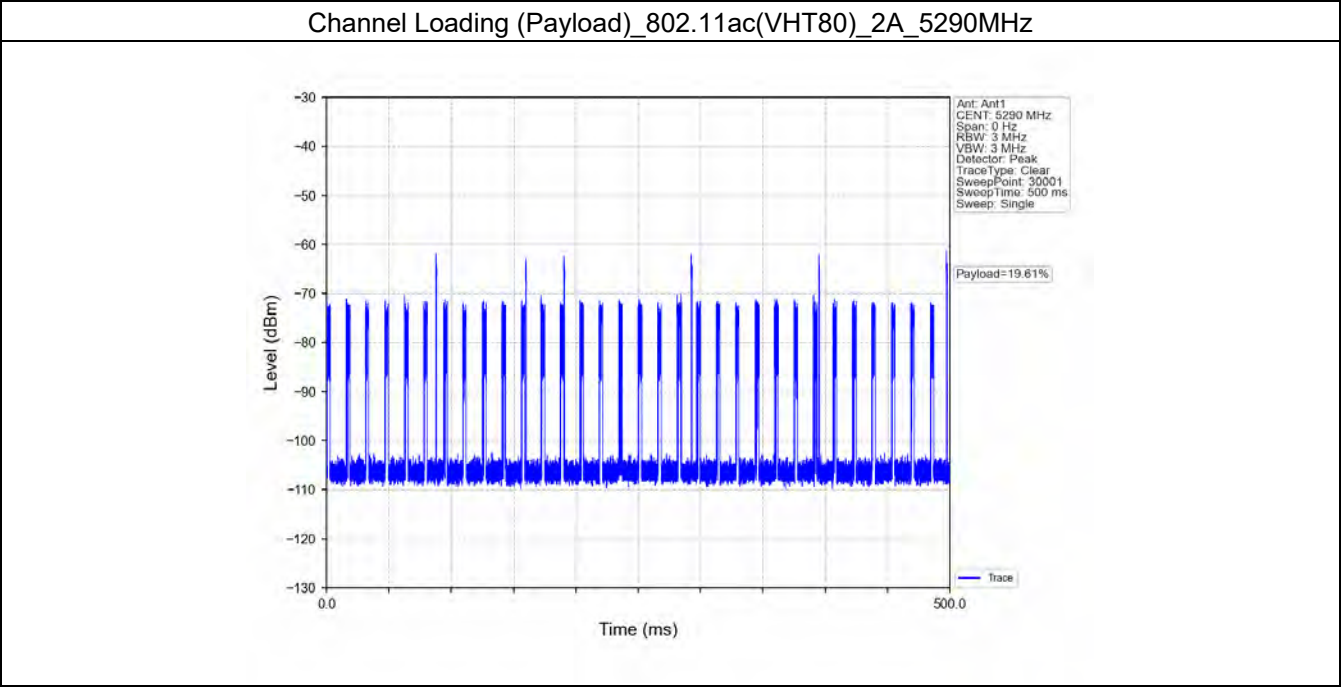
2. Channel Loading (Payload)

2.1 Payload

2.1.1 Test Result

Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Loading (Payload) (%)		Verdict
			Result	Limit	
802.11ac (VHT80)	80	5290	19.61	≥ 17	Pass

2.1.2 Test Graph

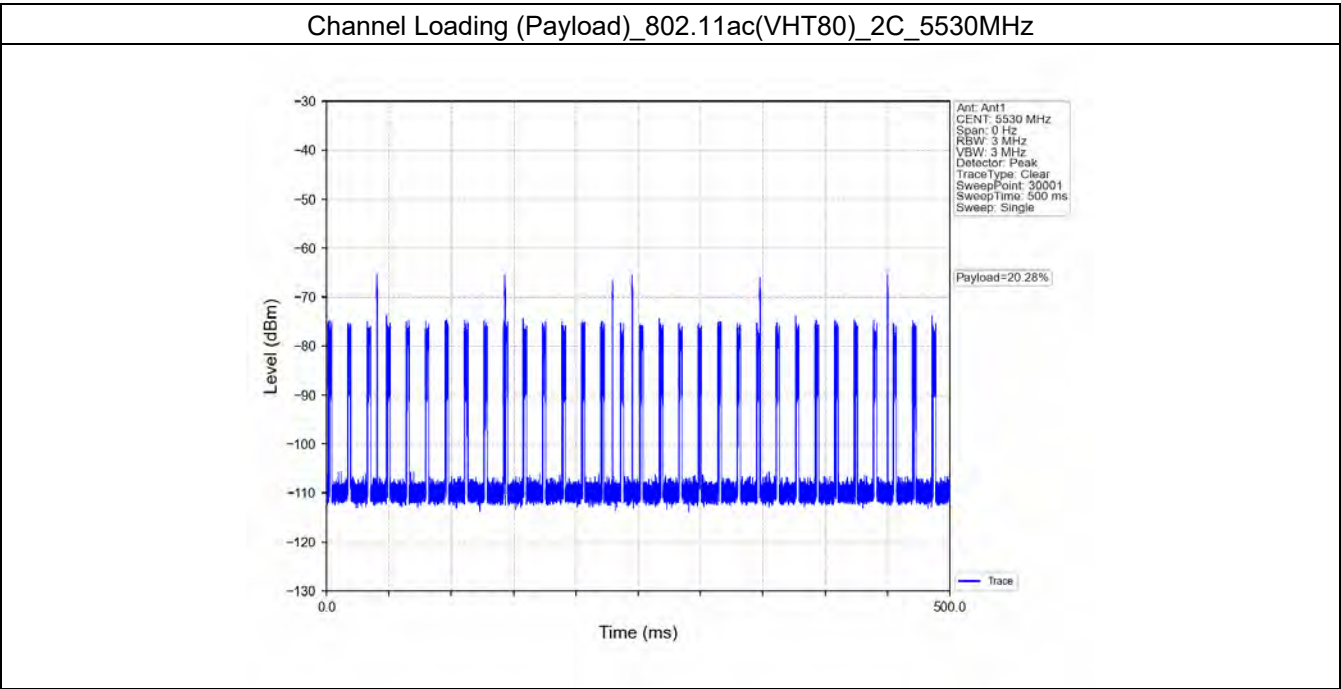


2.2 Payload

2.2.1 Test Result

Band: 2C					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Loading (Payload) (%)		Verdict
			Result	Limit	
802.11ac (VHT80)	80	5530	20.28	≥ 17	Pass

2.2.2 Test Graph



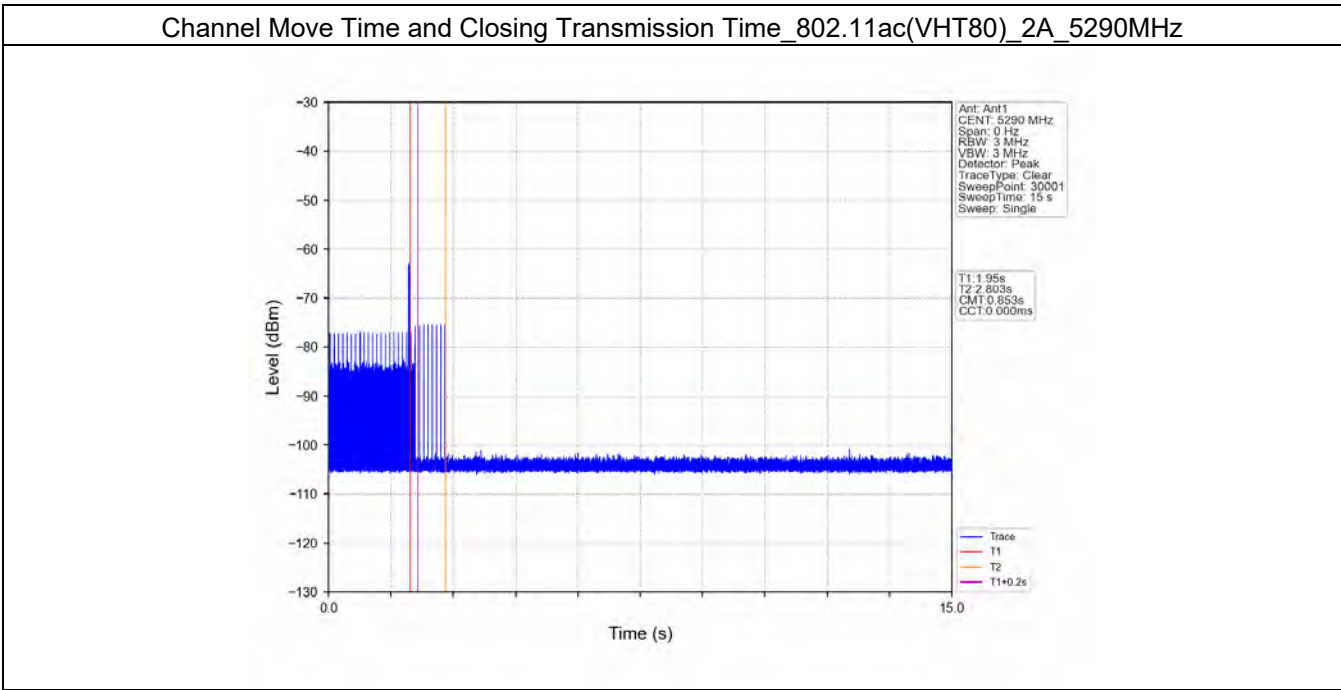
3. Channel Move Time and Closing Transmission Time

3.1 CMT_CTT

3.1.1 Test Result

Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Move Time and Closing Transmission Time		Verdict
			Result	Limit	
802.11ac (VHT80)	80	5290	Refer To Test Graph		Pass

3.1.2 Test Graph

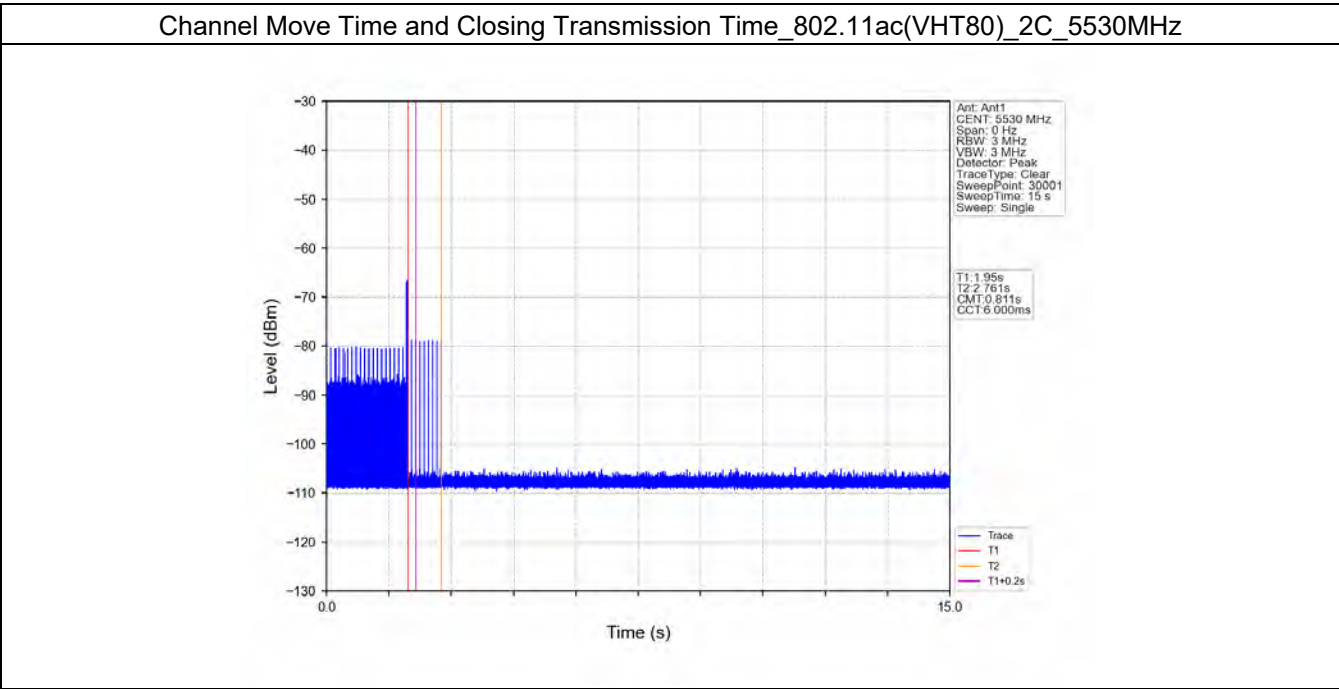


3.2 CMT_CTT

3.2.1 Test Result

Band: 2C					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Move Time and Closing Transmission Time		Verdict
			Result	Limit	
802.11ac (VHT80)	80	5530	Refer To Test Graph		Pass

3.2.2 Test Graph



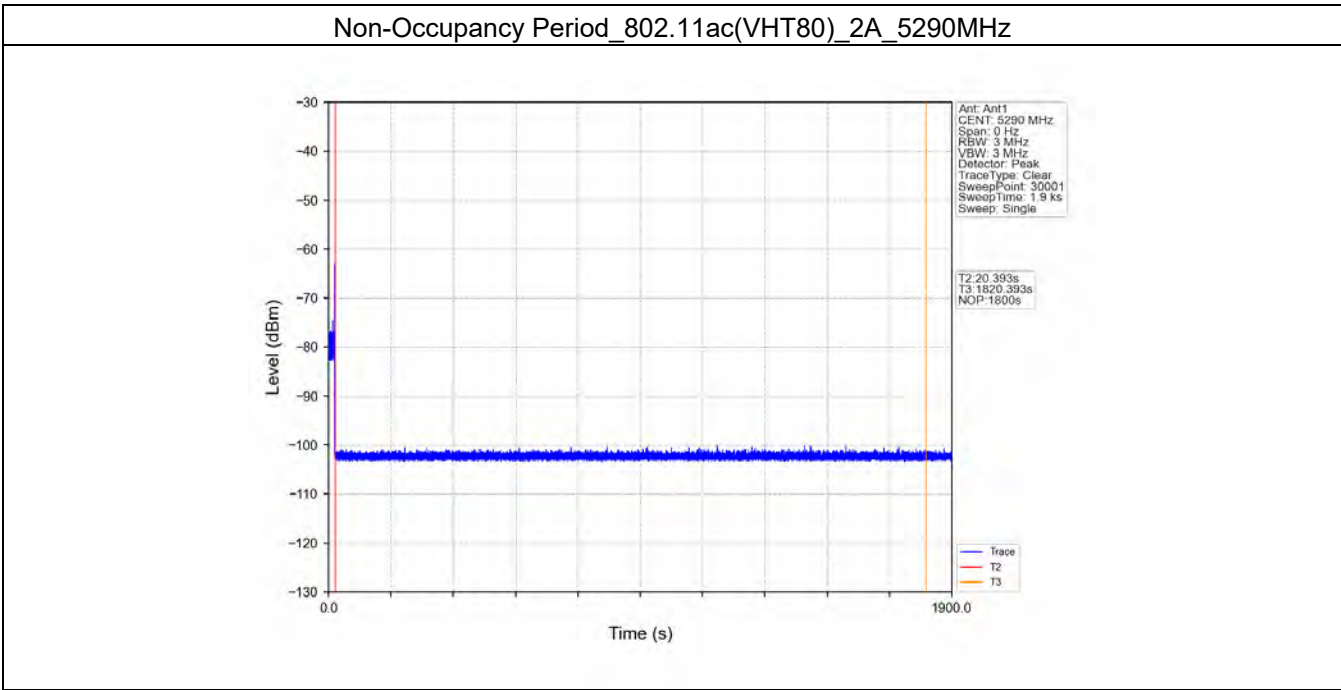
4. Non-Occupancy Period

4.1 Period

4.1.1 Test Result

Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Non-Occupancy Period		Verdict
			Result	Limit	
802.11ac (VHT80)	80	5290	Refer To Test Graph		Pass

4.1.2 Test Graph

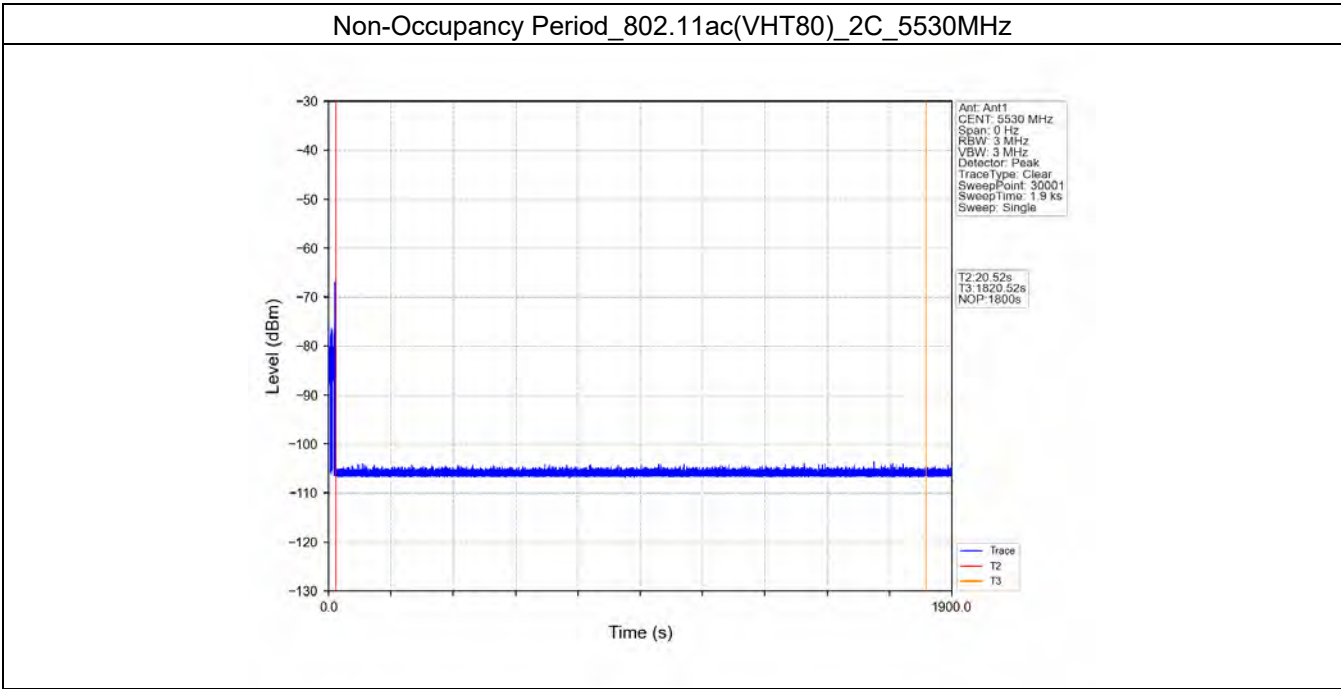


4.2 Period

4.2.1 Test Result

Band: 2C					
Mode	Bandwidth (MHz)	Frequency (MHz)	Non-Occupancy Period		Verdict
			Result	Limit	
802.11ac (VHT80)	80	5530	Refer To Test Graph		Pass

4.2.2 Test Graph



- End of the Report -