

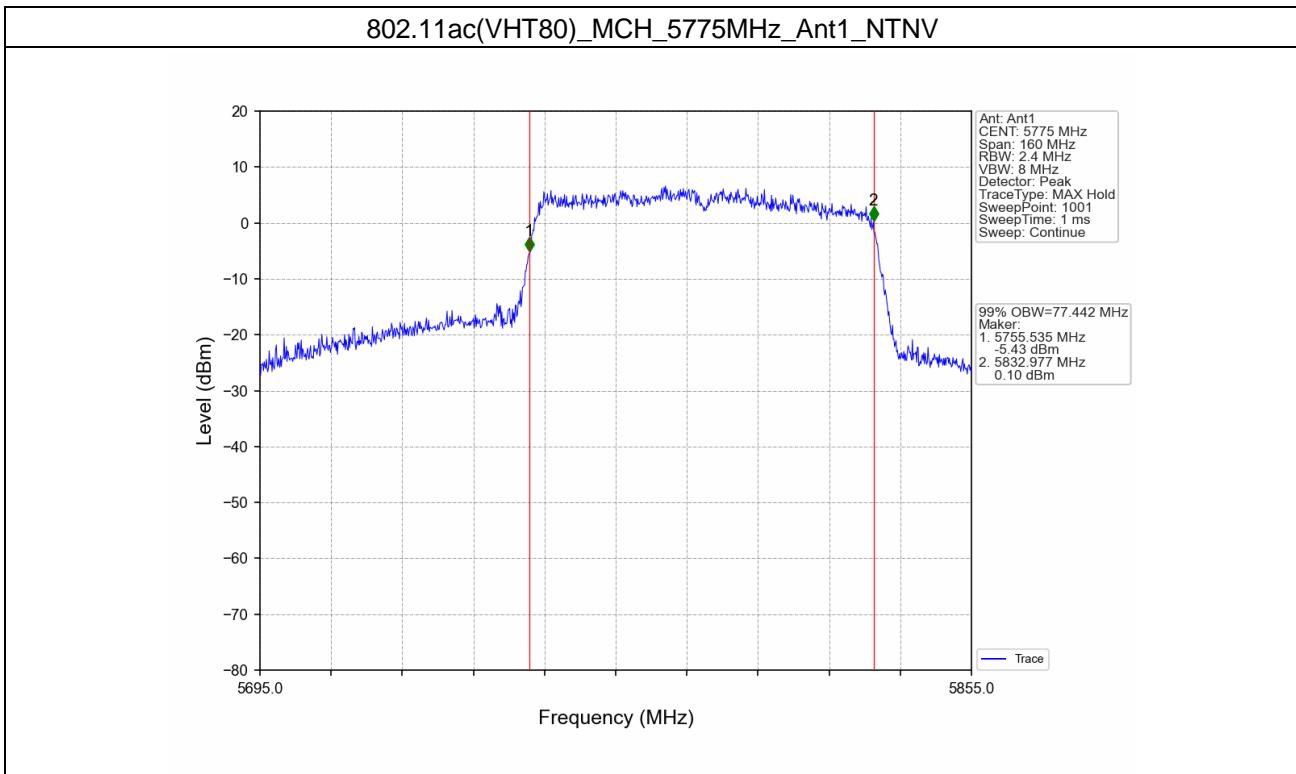
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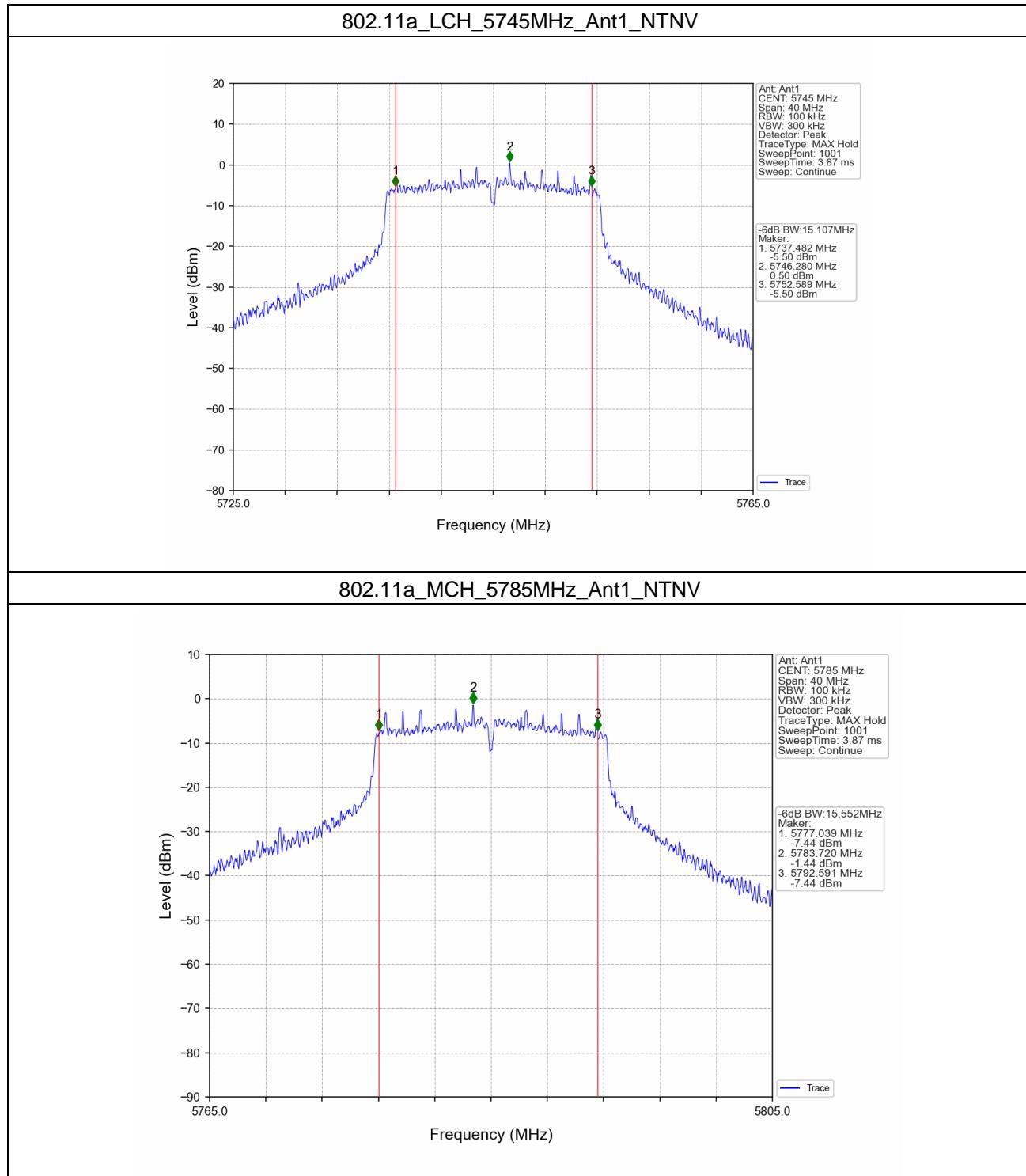
**2.2 6dB BW****2.2.1 Test Result**

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	15.107	>=0.5	Pass
		5785	1	15.552	>=0.5	Pass
		5825	1	16.084	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	15.404	>=0.5	Pass
		5785	1	15.076	>=0.5	Pass
		5825	1	15.730	>=0.5	Pass
802.11n (HT40)	SISO	5755	1	36.342	>=0.5	Pass
		5795	1	35.739	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	1	16.609	>=0.5	Pass
		5785	1	15.155	>=0.5	Pass
		5825	1	16.298	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	1	36.066	>=0.5	Pass
		5795	1	35.962	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.406	>=0.5	Pass

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**2.2.2 Test Graph**

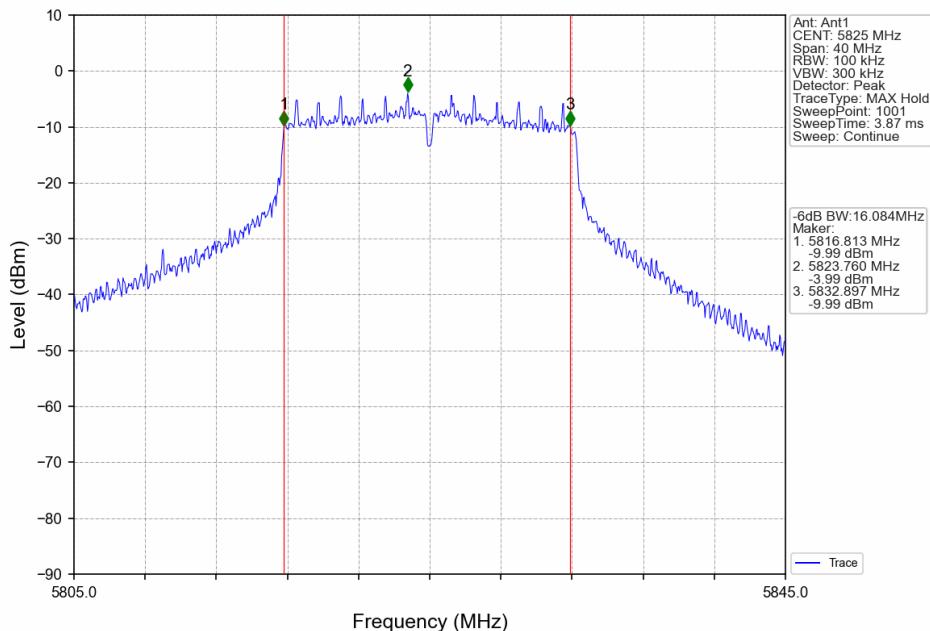
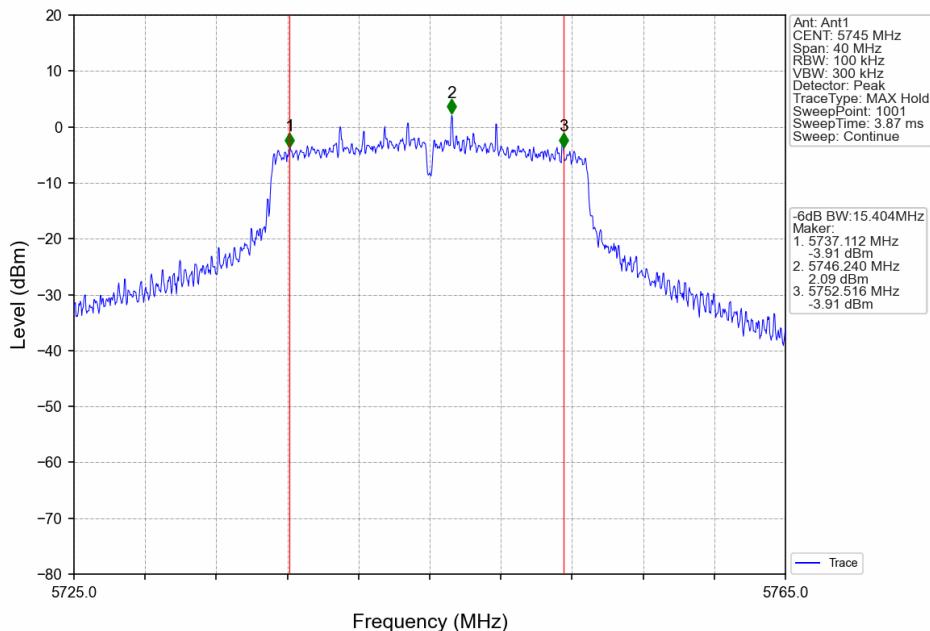
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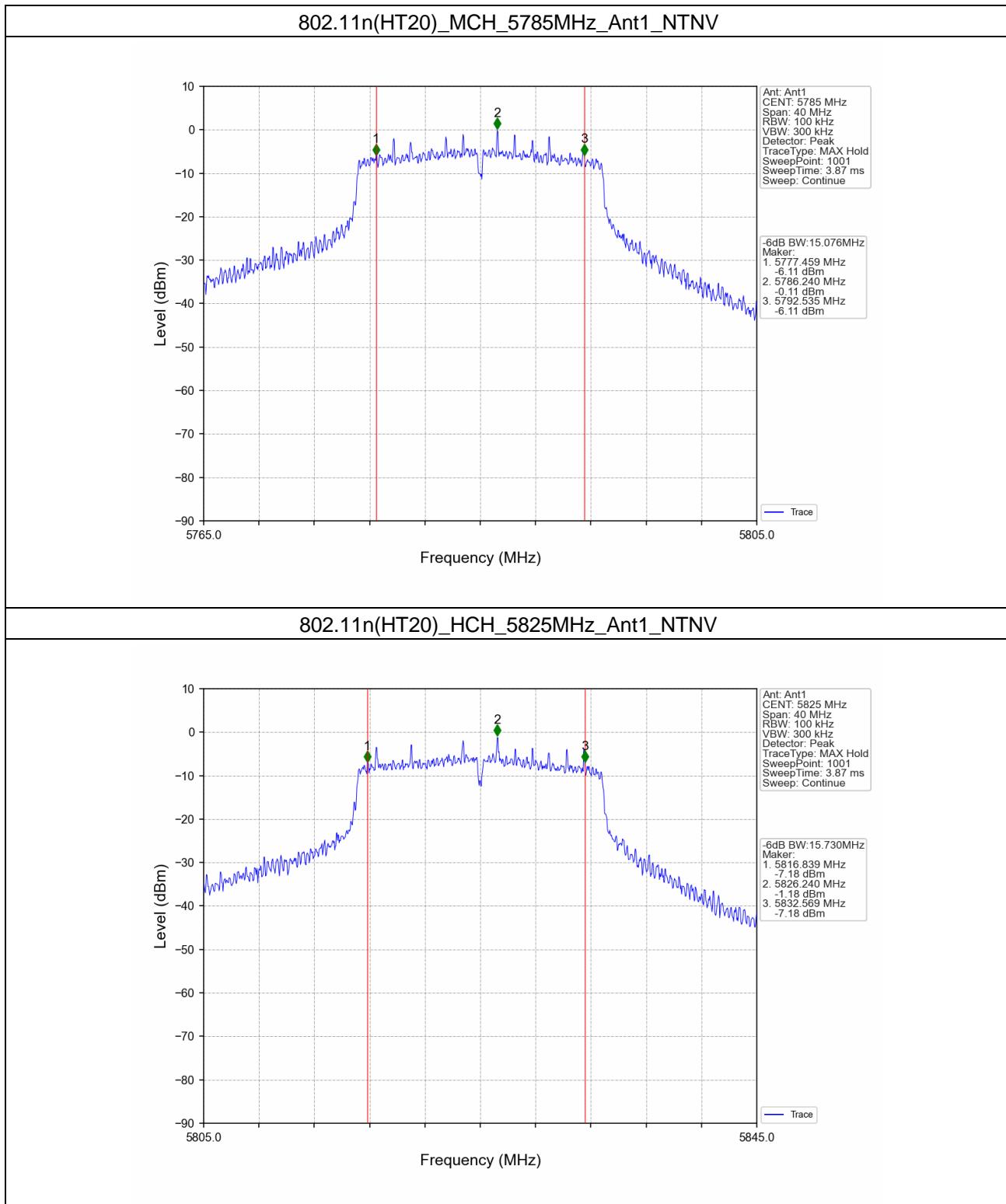
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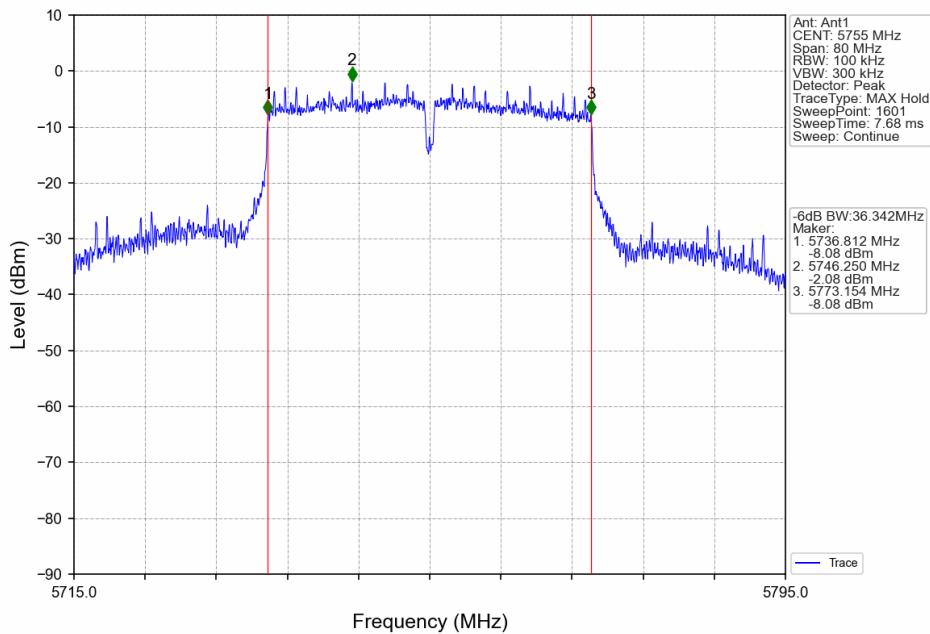
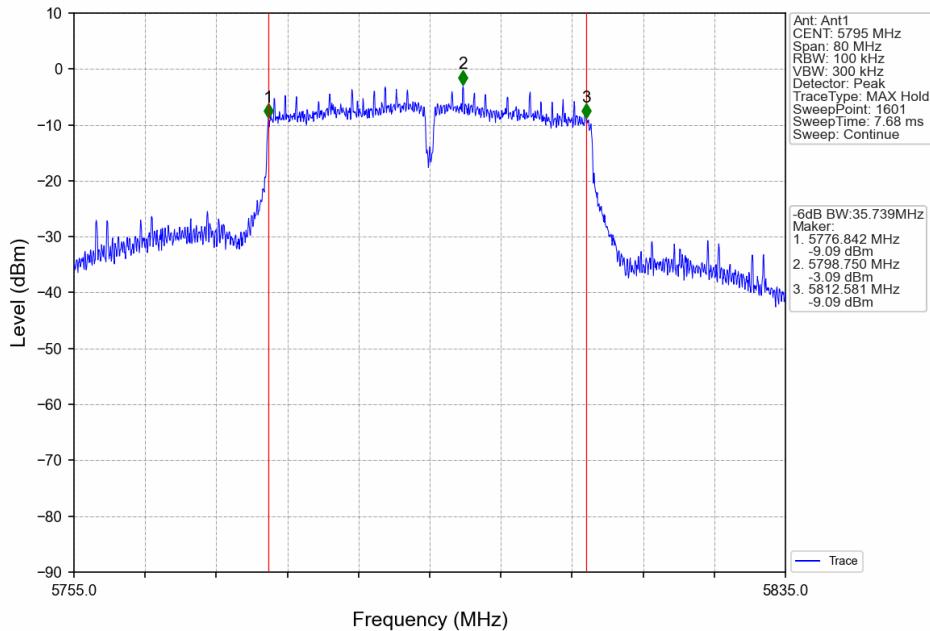
**802.11a\_HCH\_5825MHz\_Ant1\_NTNV****802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV**

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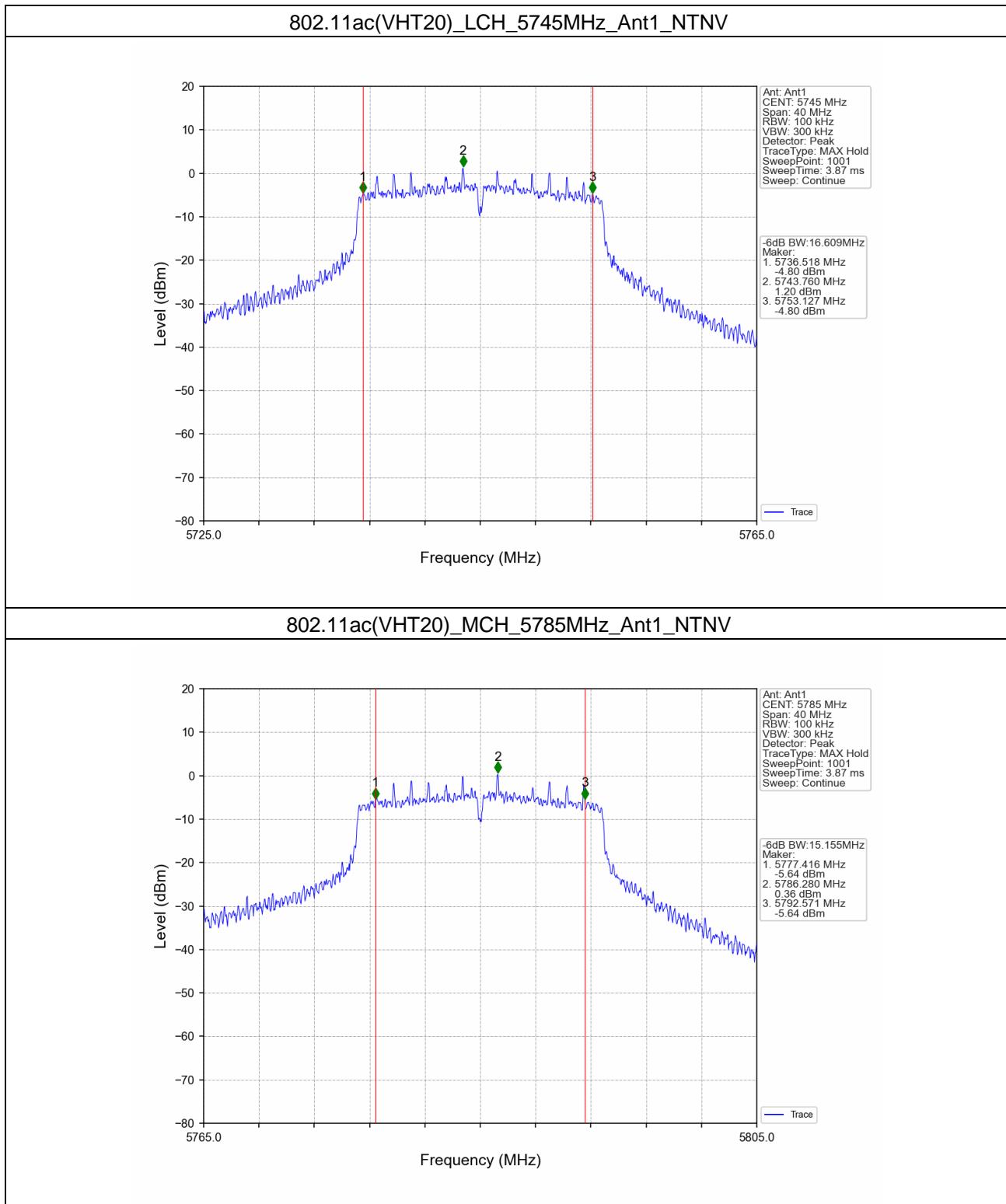


**802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV****802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV**

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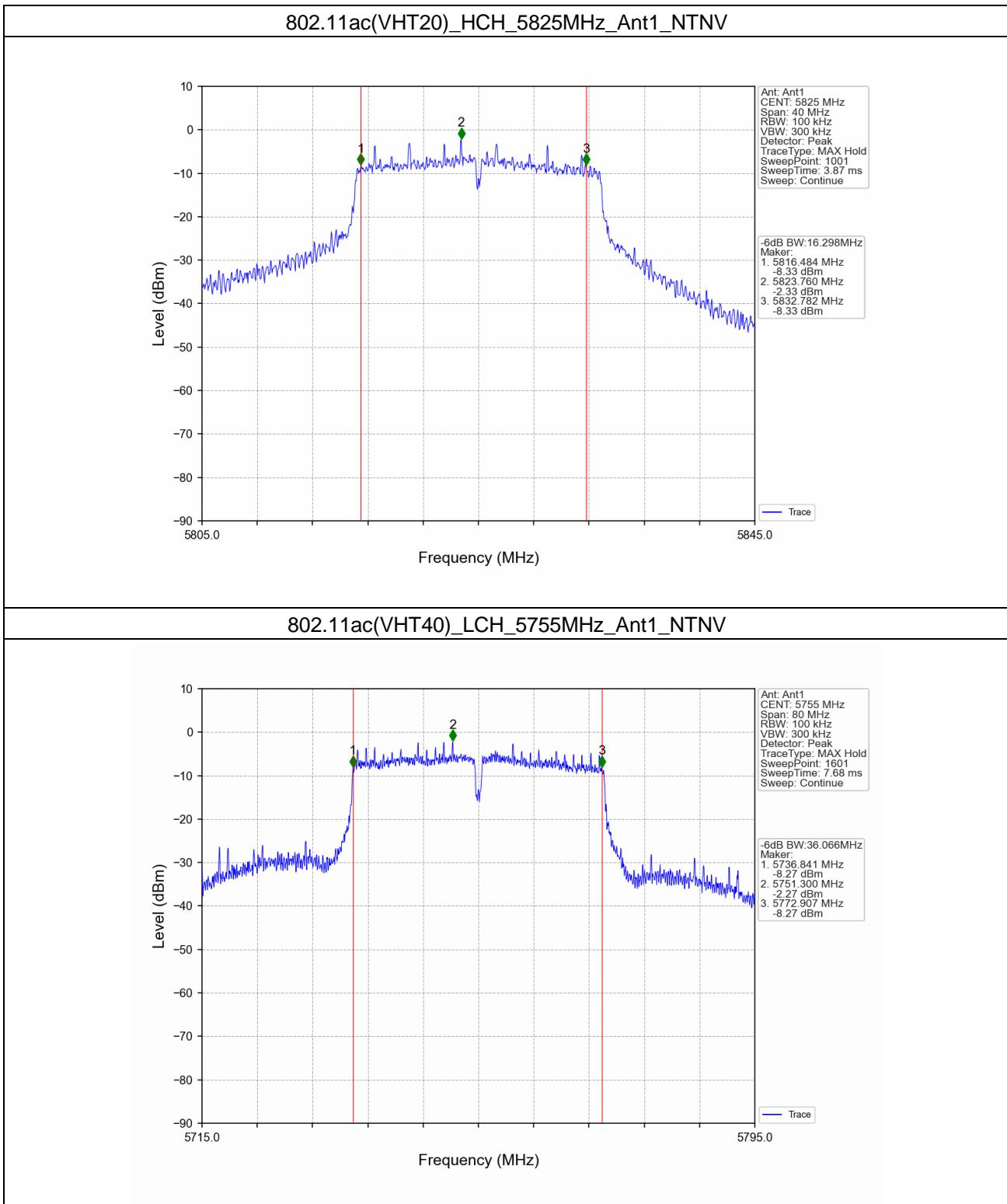
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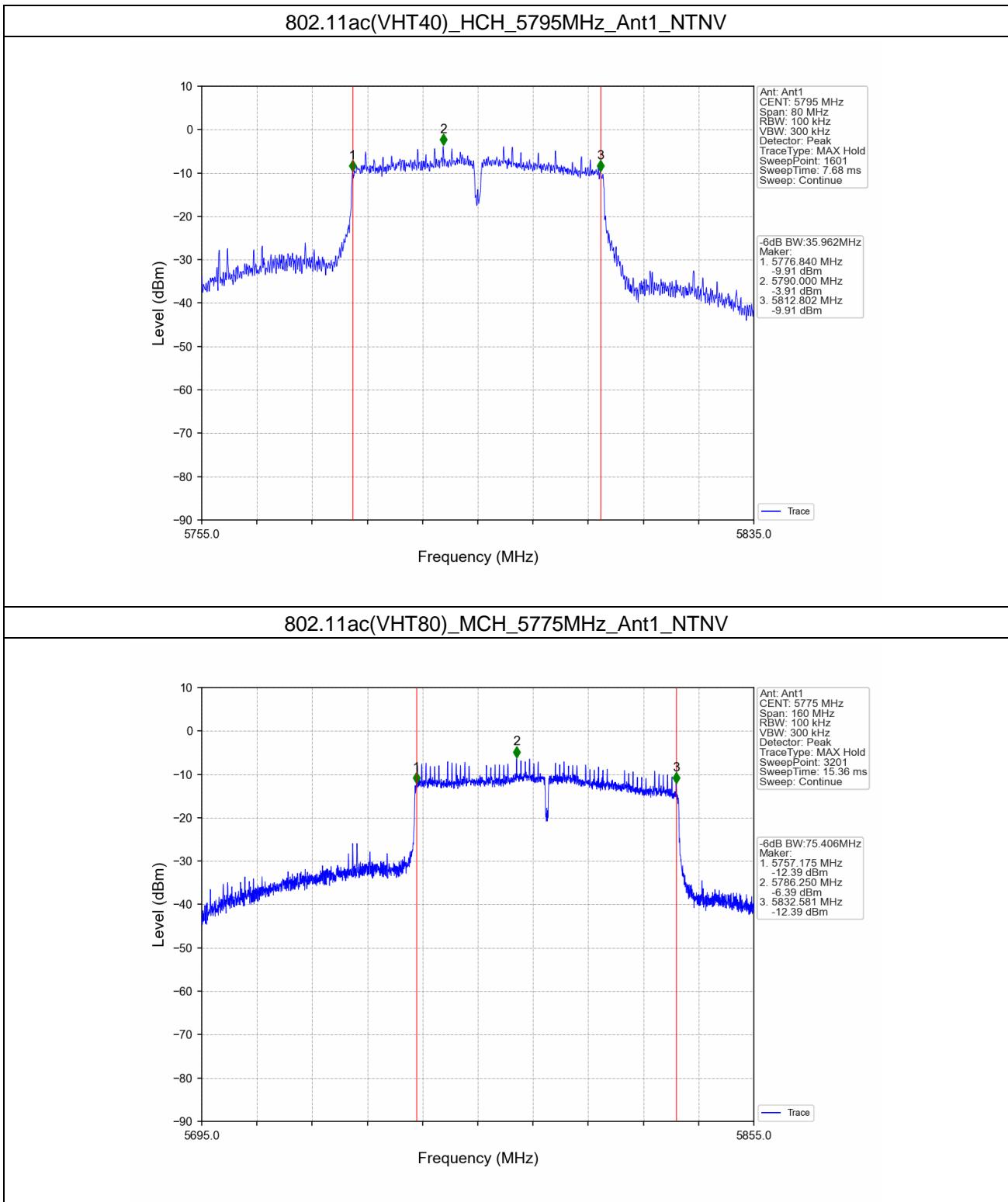
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## 2.3 26dB BW

## 2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	23.262	/	Pass
		5200	1	24.132	/	Pass
		5240	1	27.230	/	Pass
		5260	1	30.206	/	Pass
		5300	1	32.485	/	Pass
		5320	1	33.396	/	Pass
		5500	1	26.990	/	Pass
		5580	1	23.271	/	Pass
		5700	1	22.870	/	Pass
802.11n (HT20)	SISO	5180	1	25.284	/	Pass
		5200	1	26.035	/	Pass
		5240	1	29.229	/	Pass
		5260	1	32.681	/	Pass
		5300	1	36.628	/	Pass
		5320	1	39.162	/	Pass
		5500	1	25.392	/	Pass
		5580	1	25.716	/	Pass
		5700	1	26.910	/	Pass
802.11n (HT40)	SISO	5190	1	42.044	/	Pass
		5230	1	42.521	/	Pass
		5270	1	56.822	/	Pass
		5310	1	74.046	/	Pass
		5510	1	75.629	/	Pass
		5550	1	70.044	/	Pass
		5670	1	61.847	/	Pass
802.11ac (VHT20)	SISO	5180	1	24.477	/	Pass
		5200	1	25.417	/	Pass
		5240	1	28.386	/	Pass
		5260	1	26.627	/	Pass
		5300	1	32.882	/	Pass
		5320	1	32.632	/	Pass
		5500	1	30.318	/	Pass
		5580	1	27.586	/	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240100017605

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		5700	1	26.635	/	Pass
802.11ac (VHT40)	SISO	5190	1	41.122	/	Pass
		5230	1	42.277	/	Pass
		5270	1	55.954	/	Pass
		5310	1	69.046	/	Pass
		5510	1	76.518	/	Pass
		5550	1	68.497	/	Pass
		5670	1	62.634	/	Pass
		5210	1	94.924	/	Pass
802.11ac (VHT80)	SISO	5290	1	134.895	/	Pass
		5530	1	163.133	/	Pass
		5610	1	152.208	/	Pass

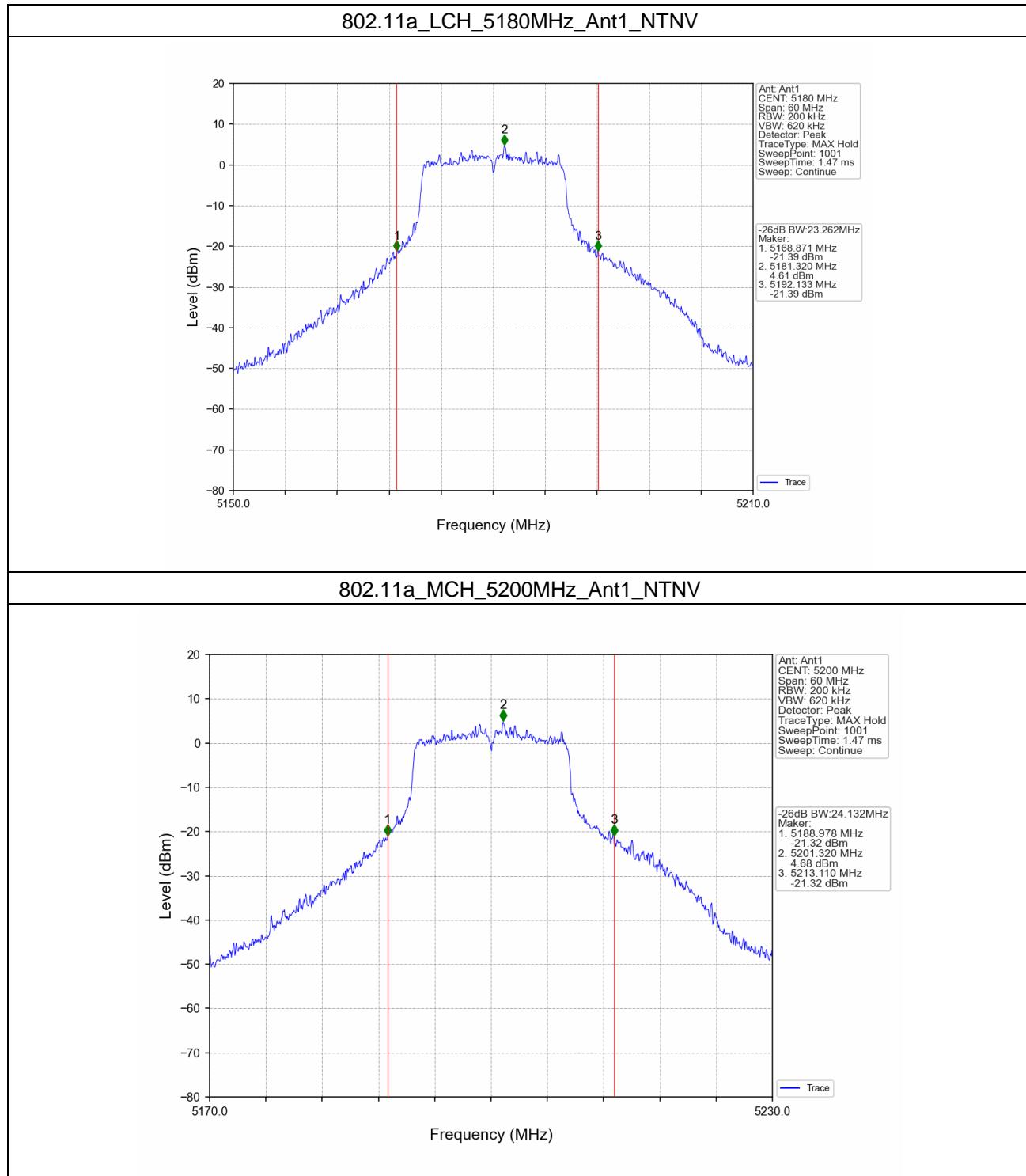
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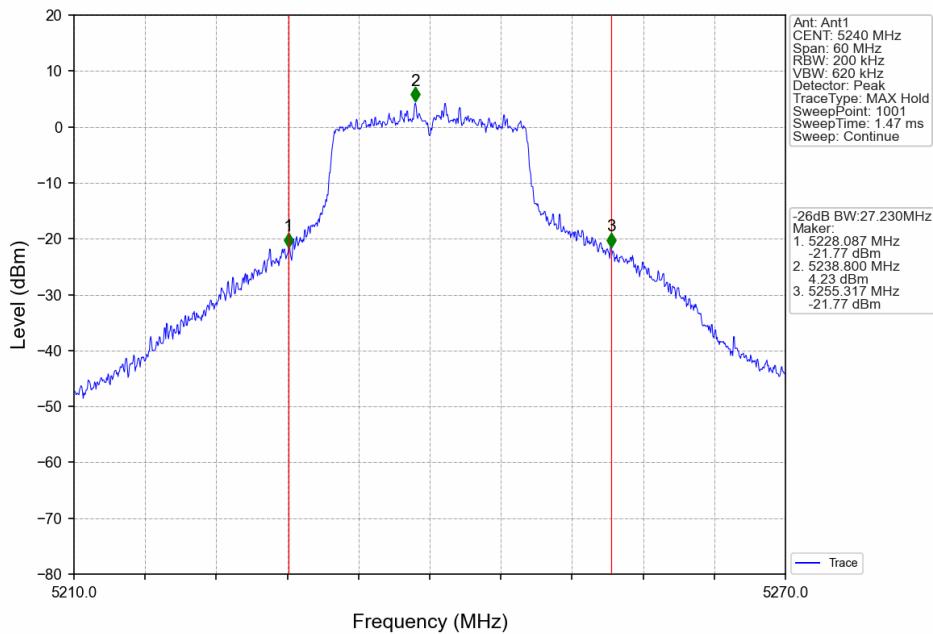
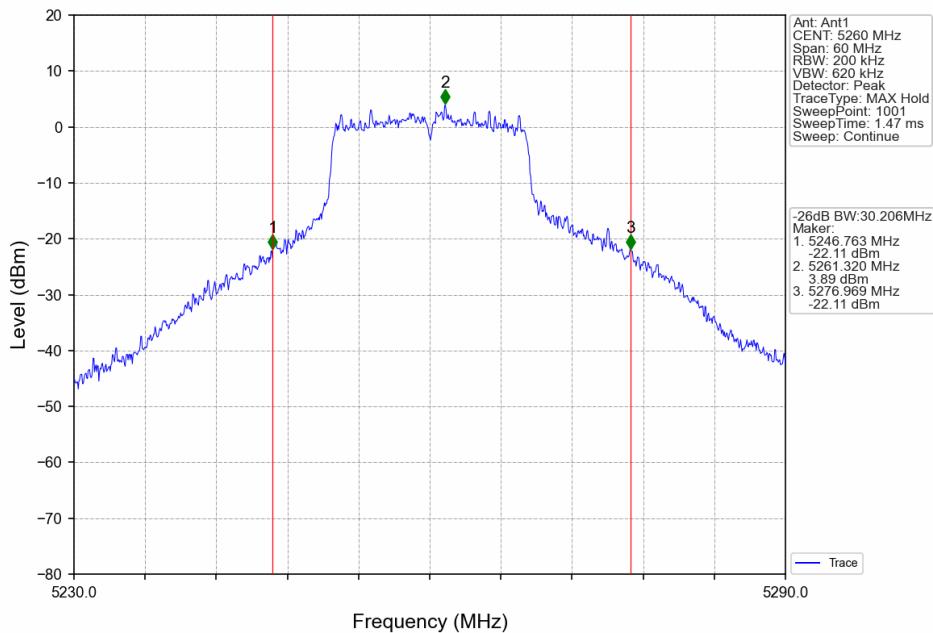
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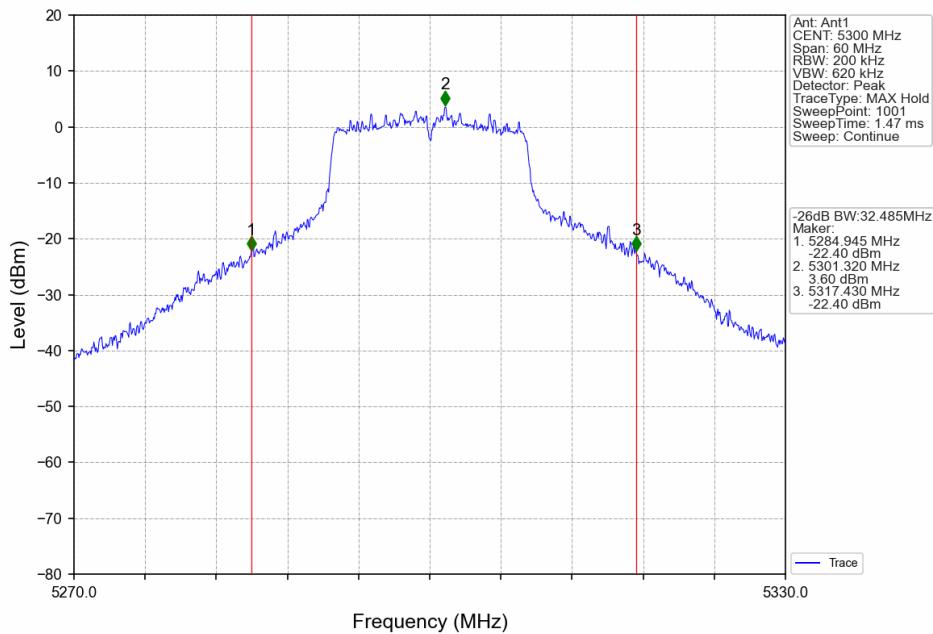
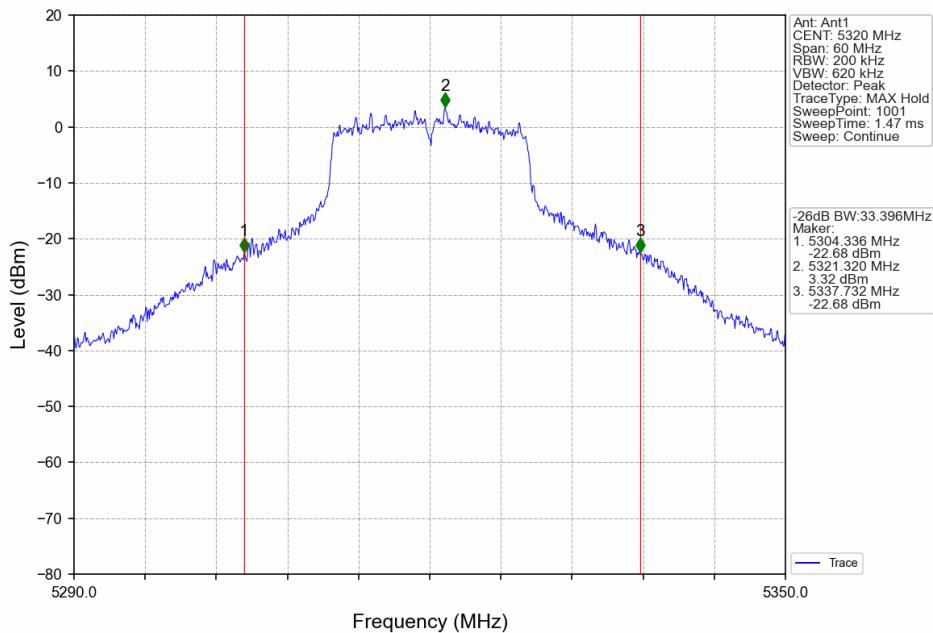
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**2.3.2 Test Graph**

**802.11a\_HCH\_5240MHz\_Ant1\_NTNV****802.11a\_LCH\_5260MHz\_Ant1\_NTNV**

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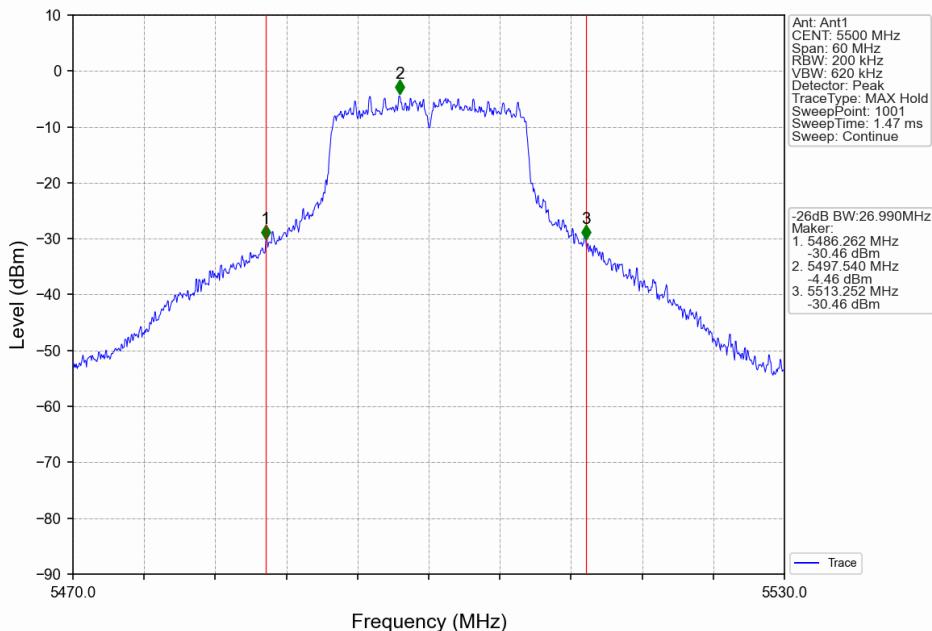
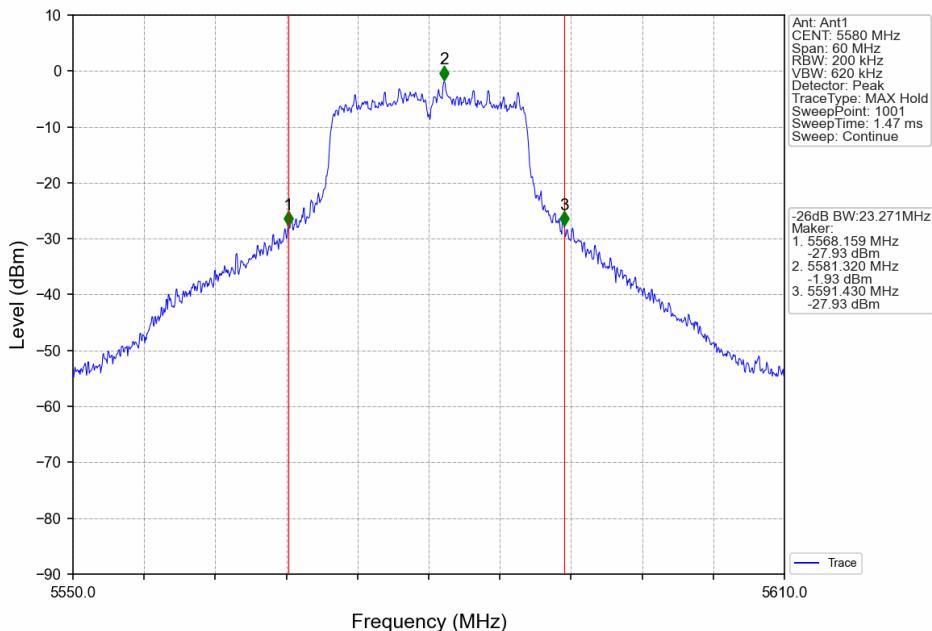
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**802.11a\_MCH\_5300MHz\_Ant1\_NTNV****802.11a\_HCH\_5320MHz\_Ant1\_NTNV**

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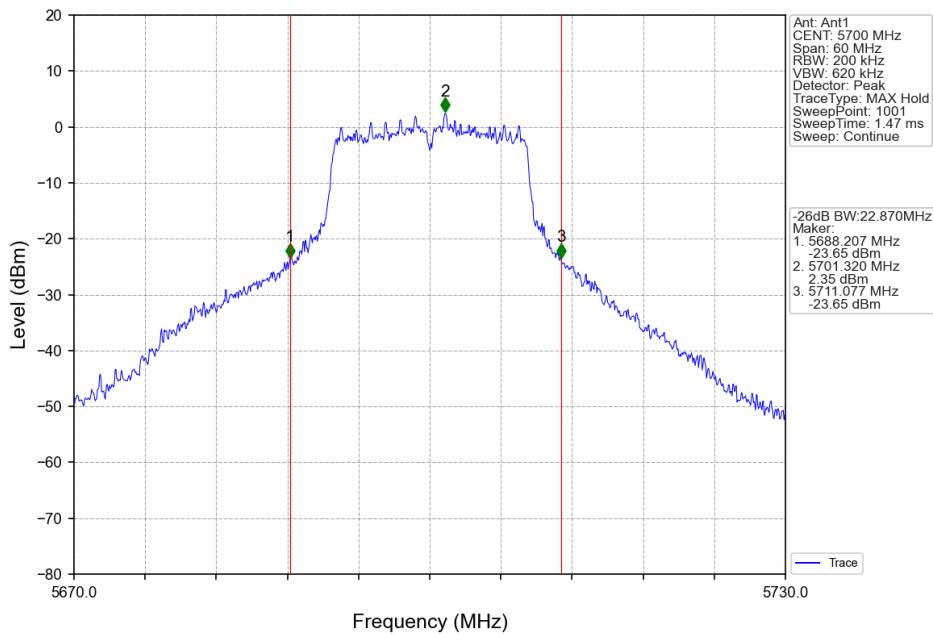
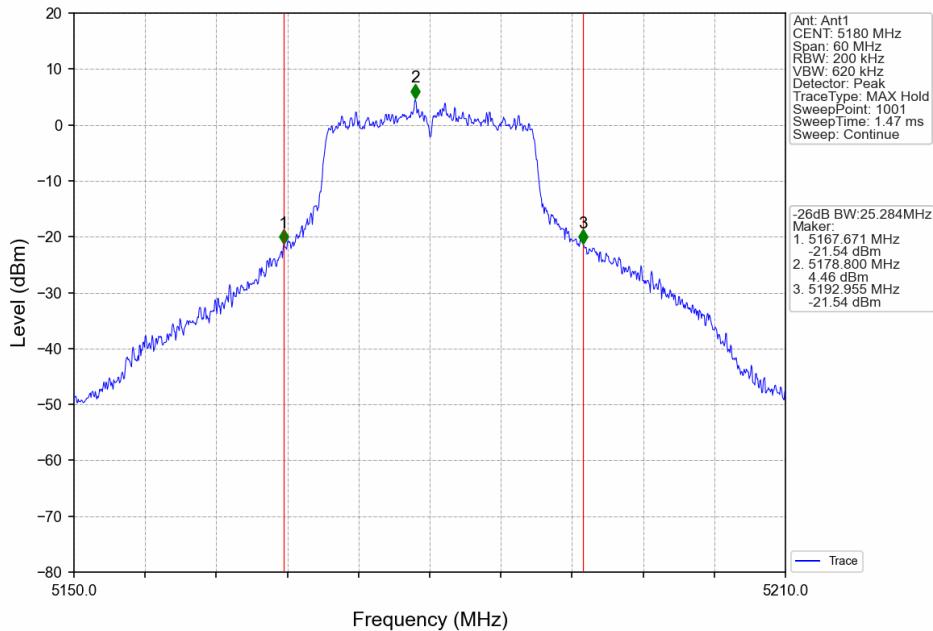


**802.11a\_LCH\_5500MHz\_Ant1\_NTNV****802.11a\_MCH\_5580MHz\_Ant1\_NTNV**

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**802.11a\_HCH\_5700MHz\_Ant1\_NTNV****802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV**

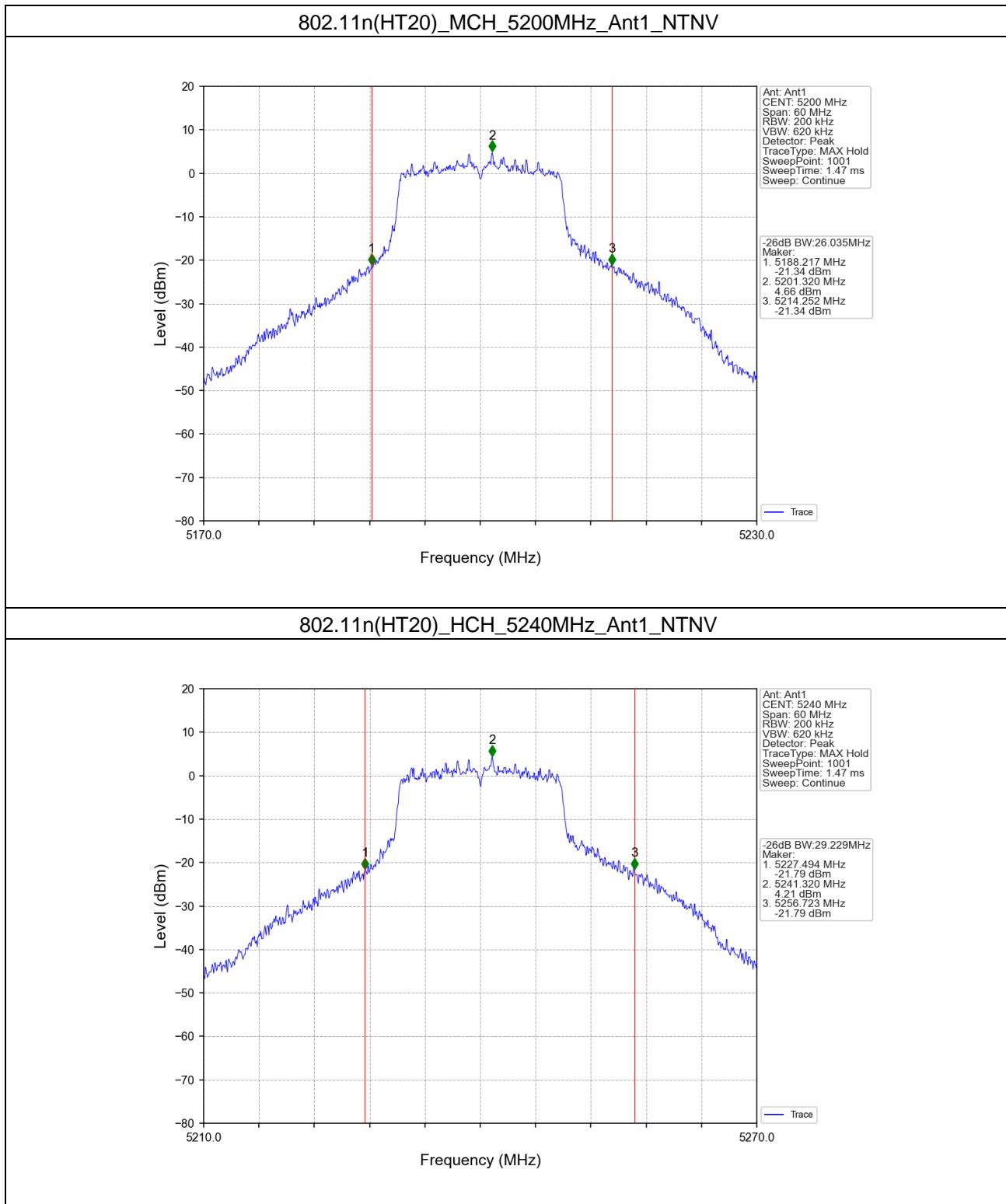
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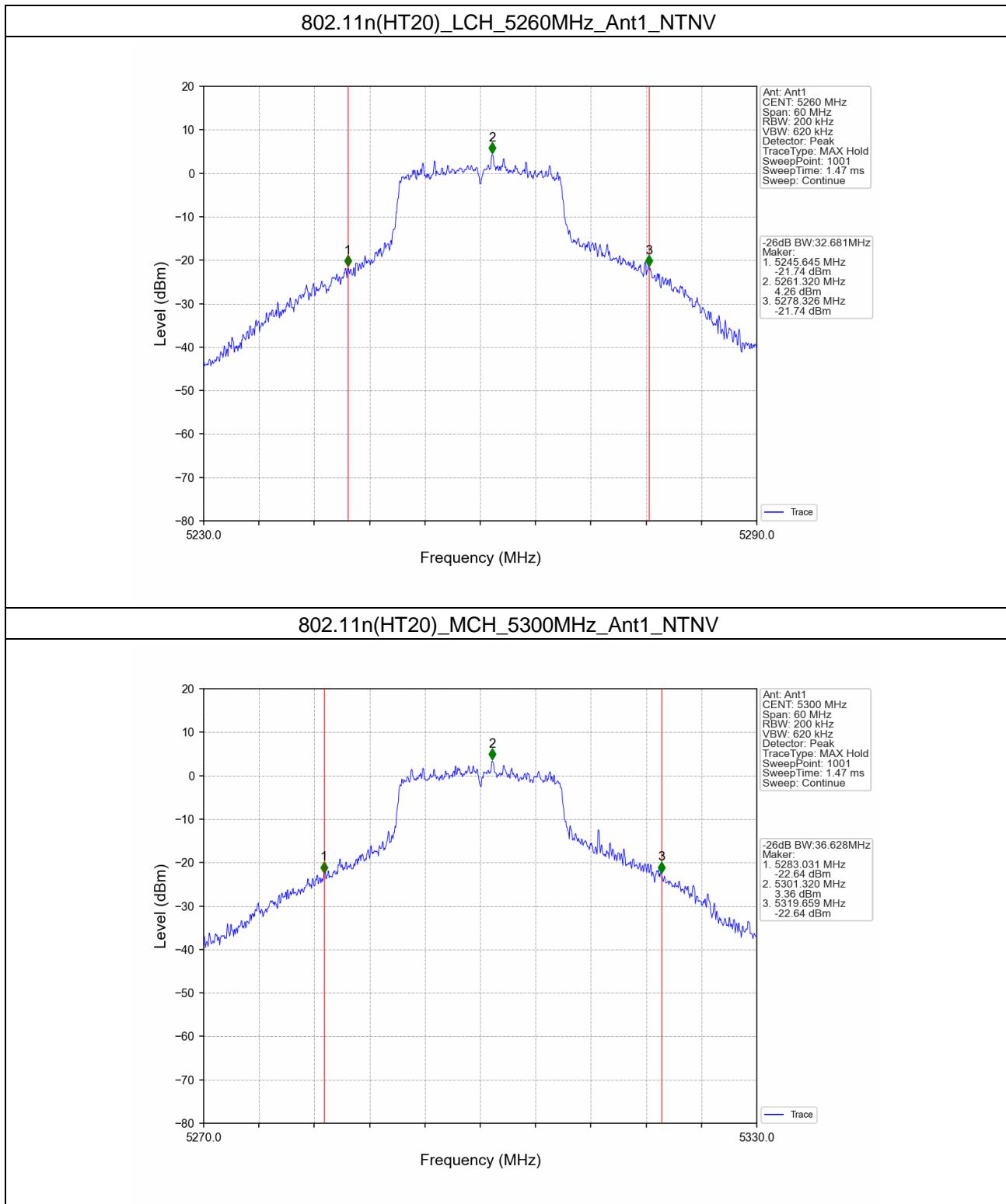
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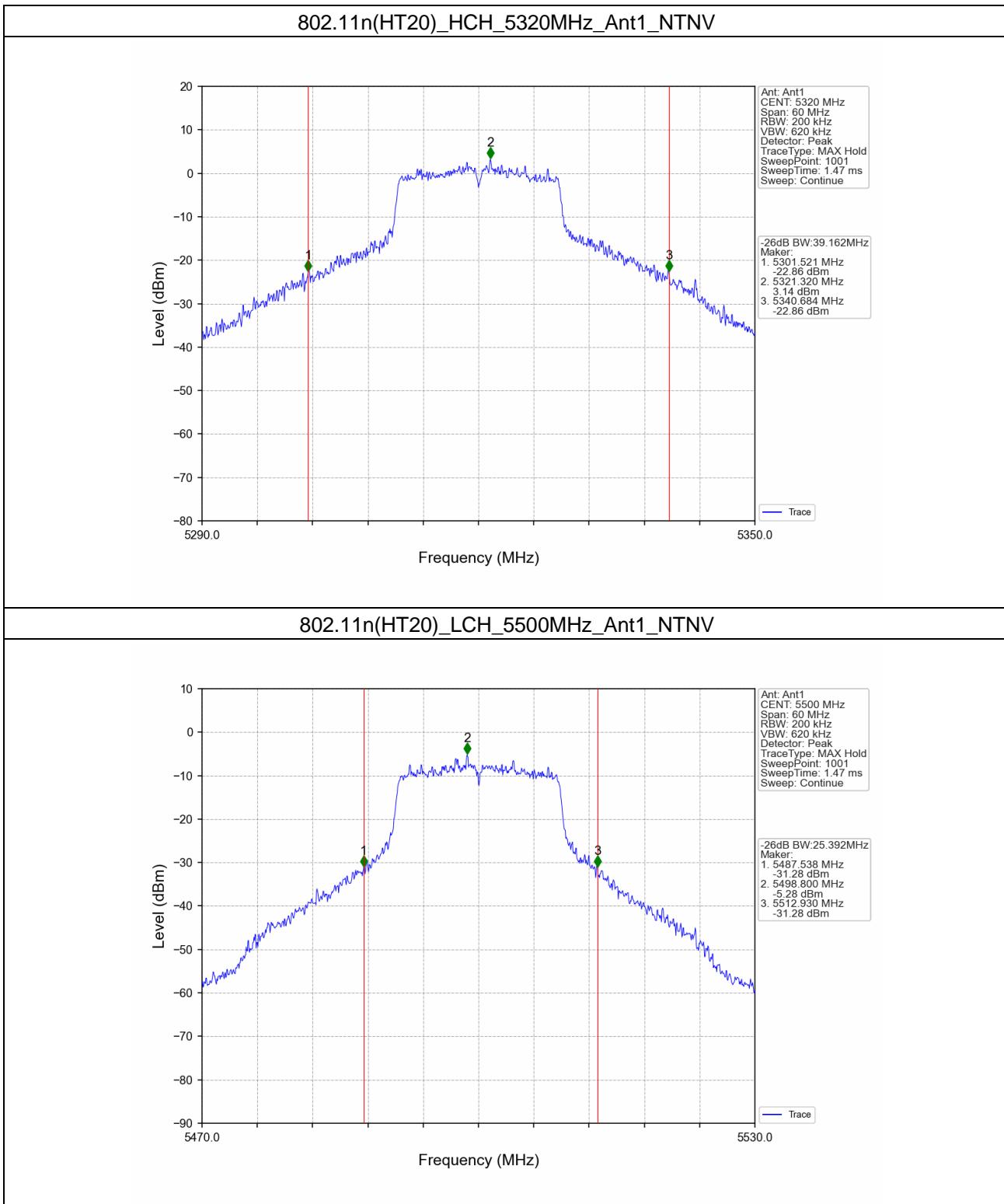
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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



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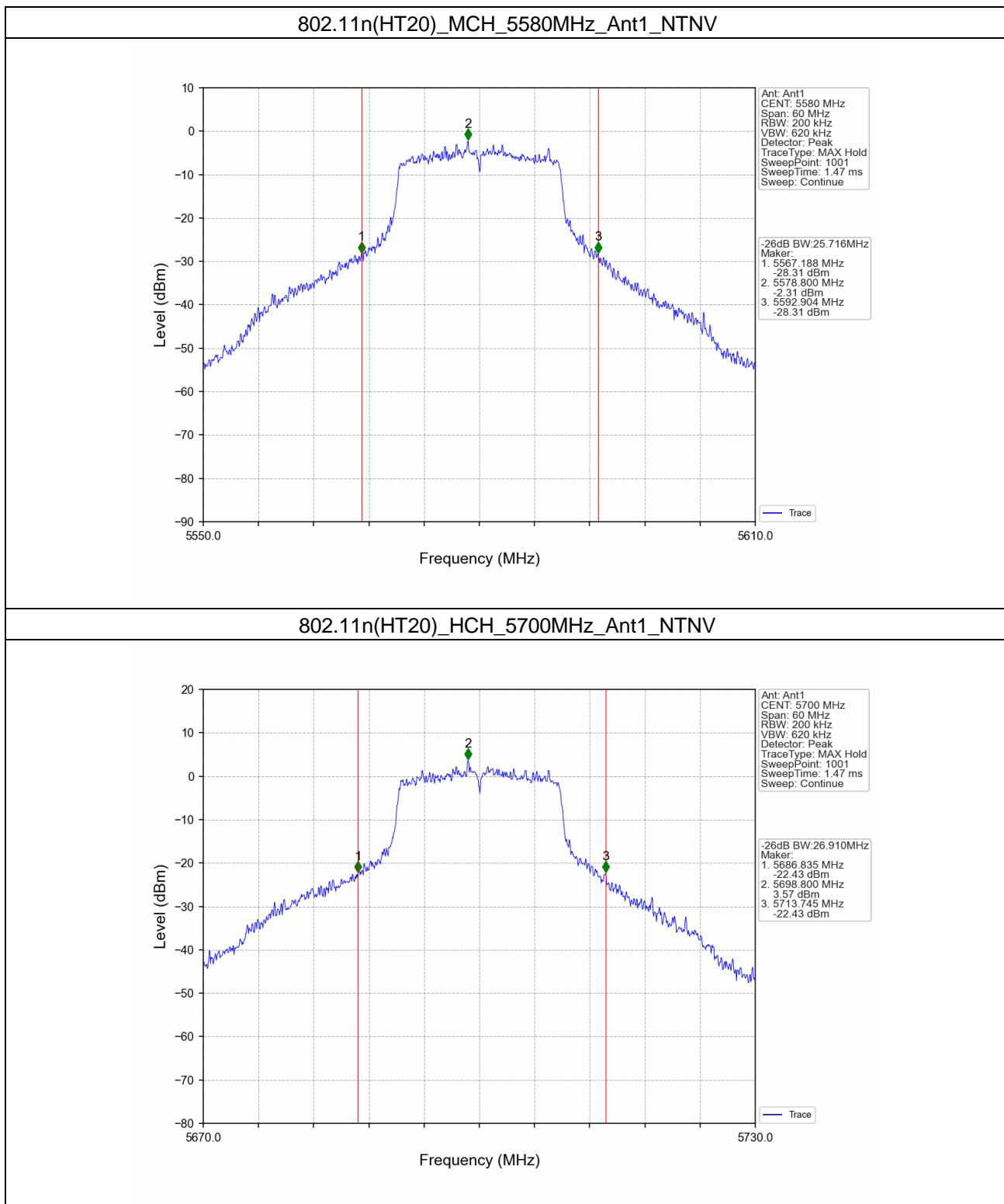
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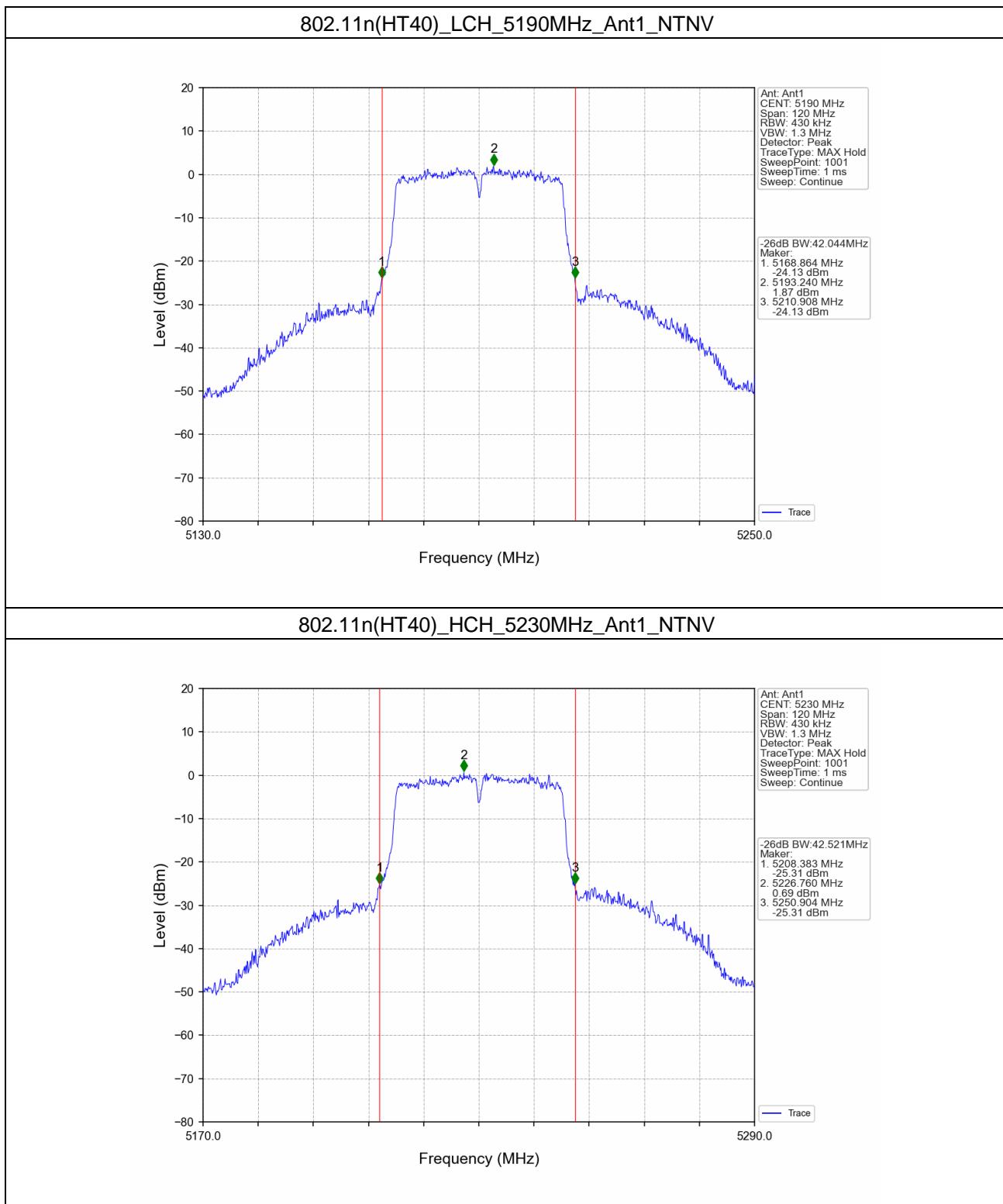


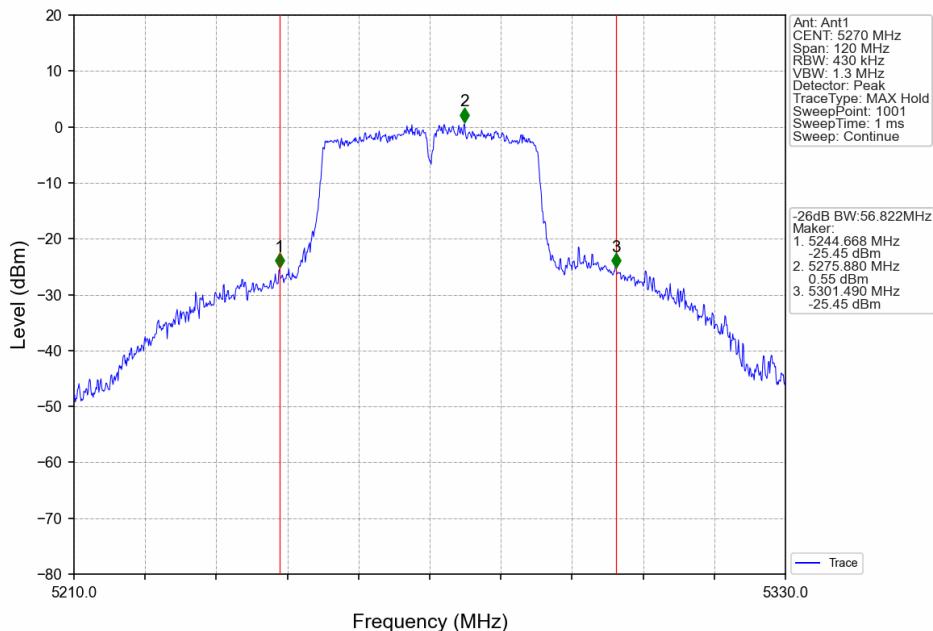
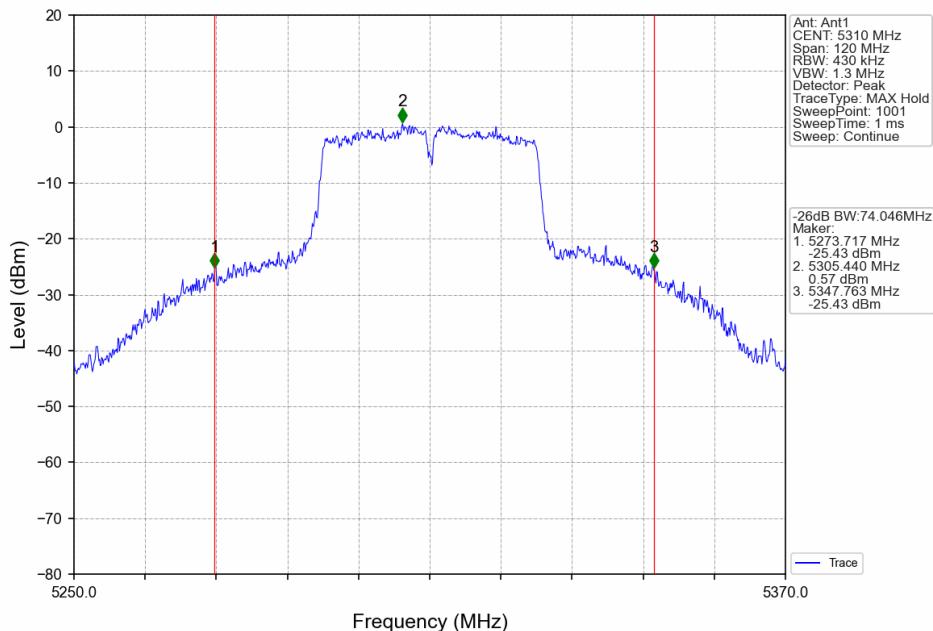


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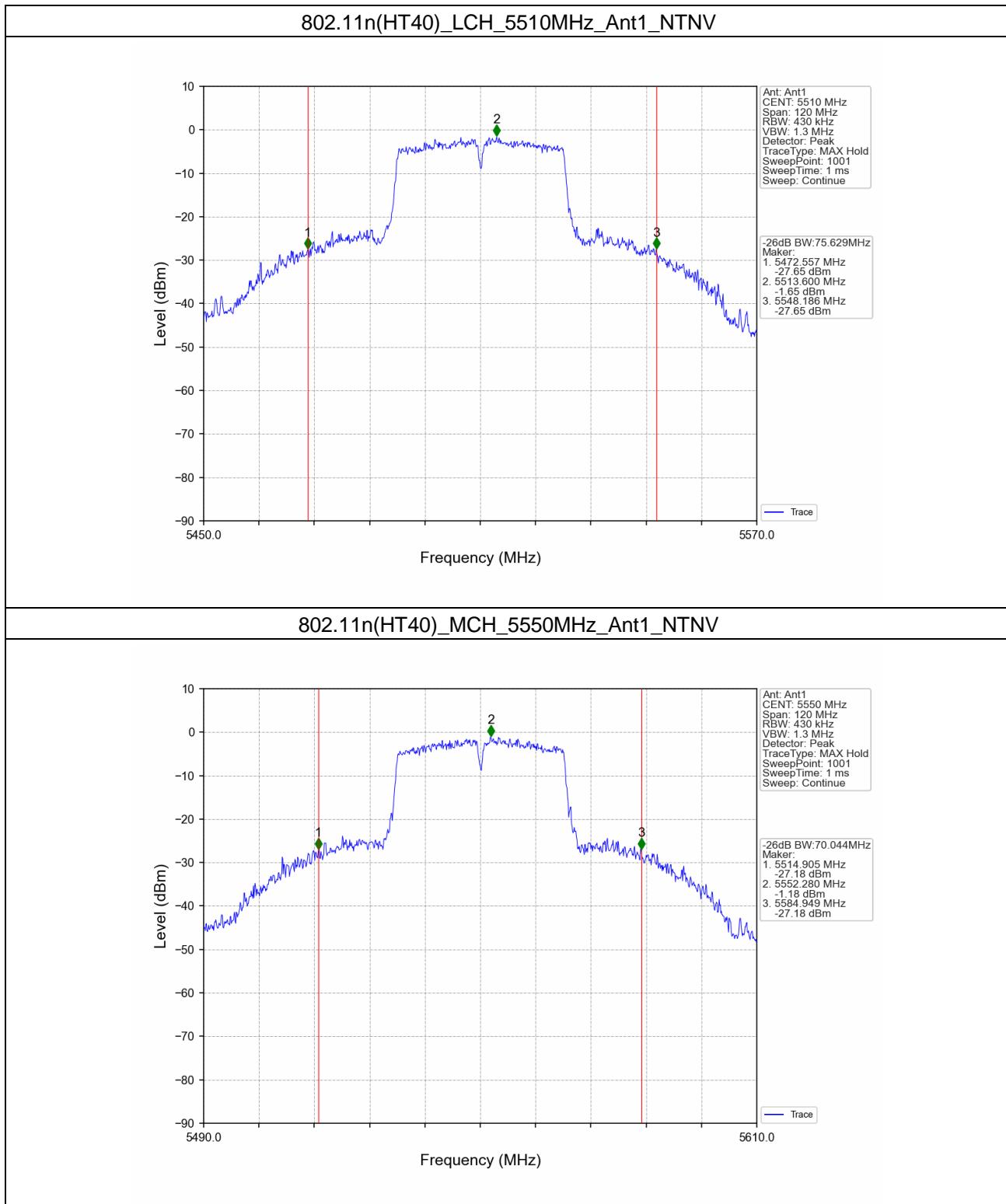




**802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV****802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV**

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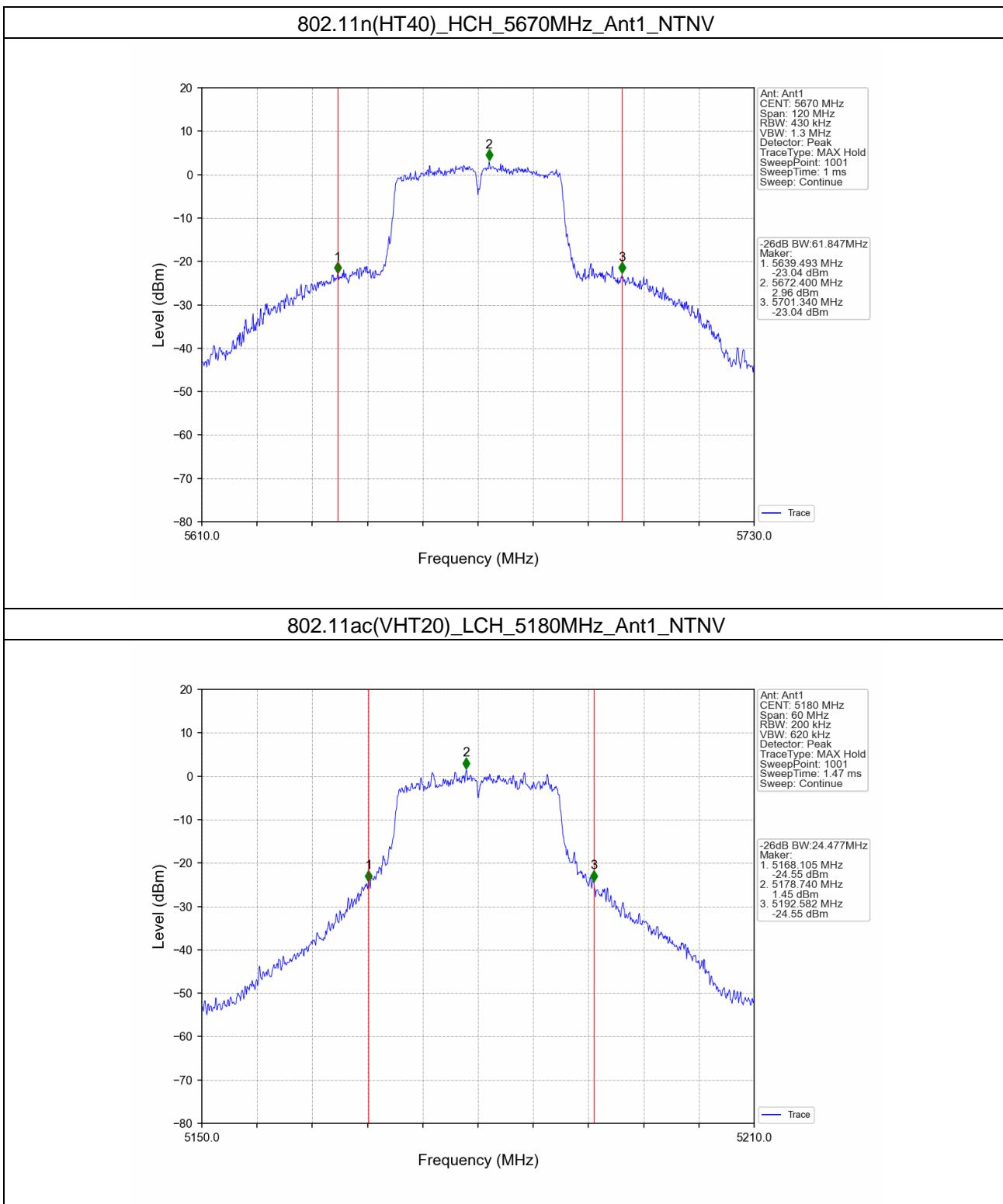
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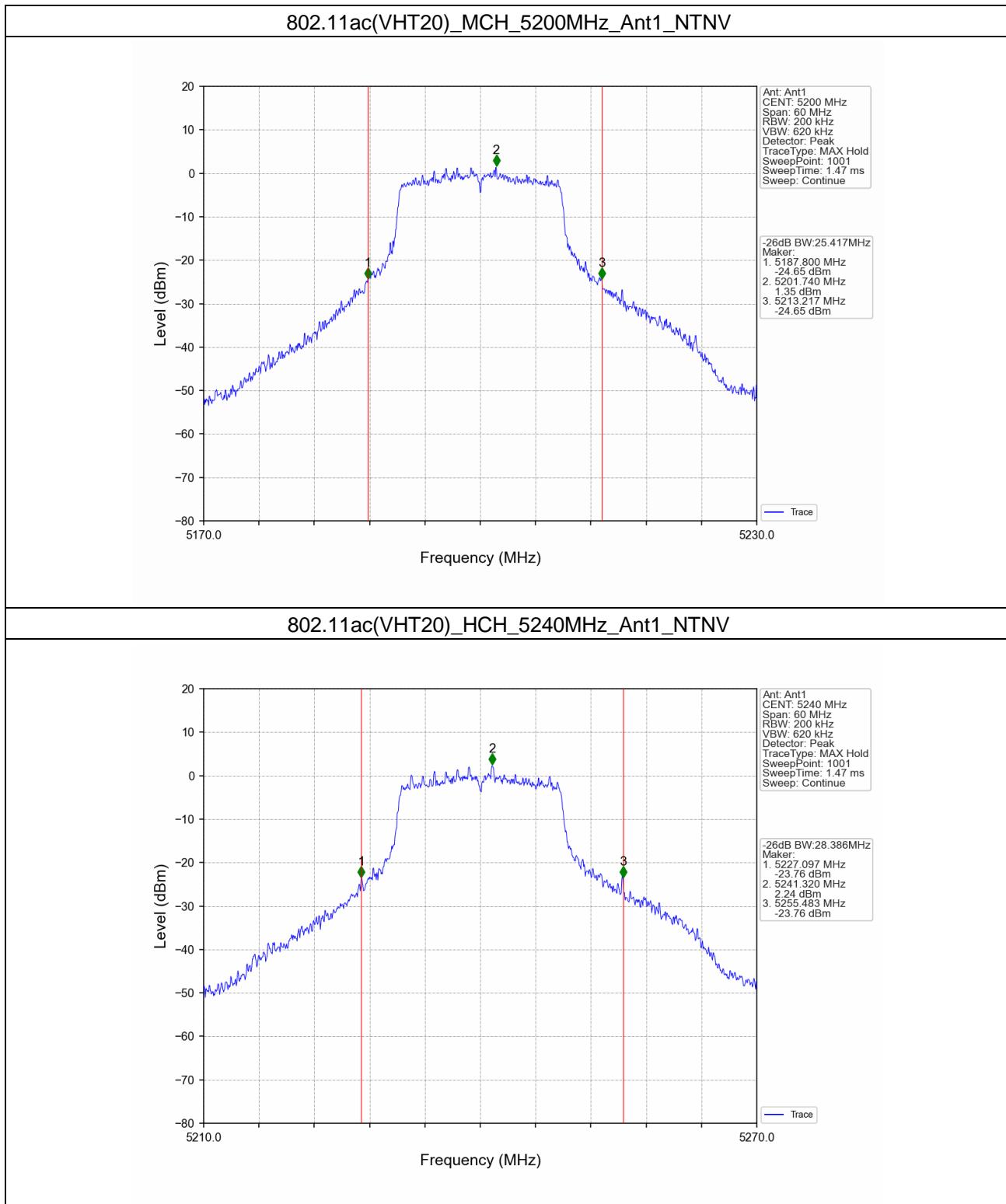




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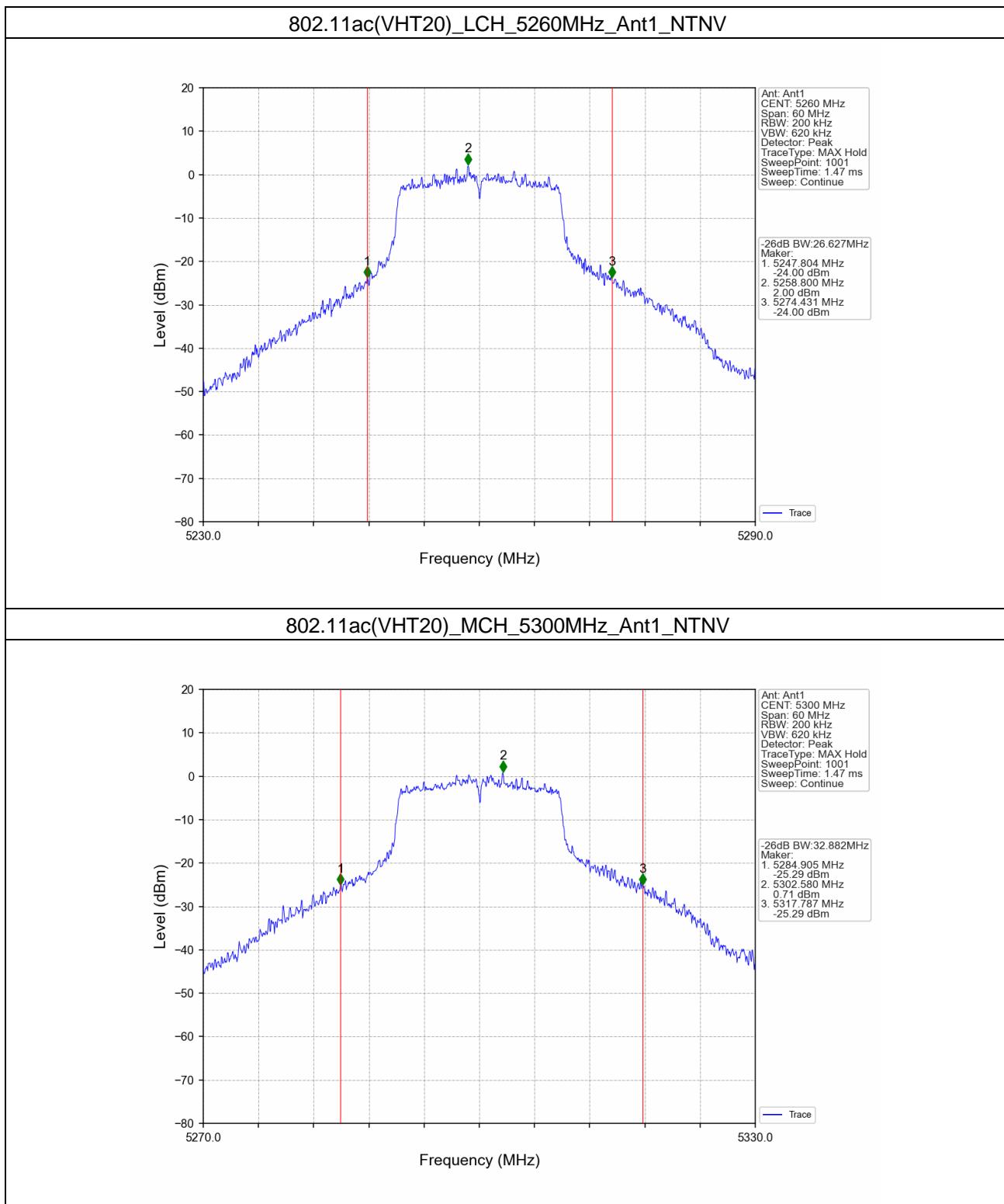
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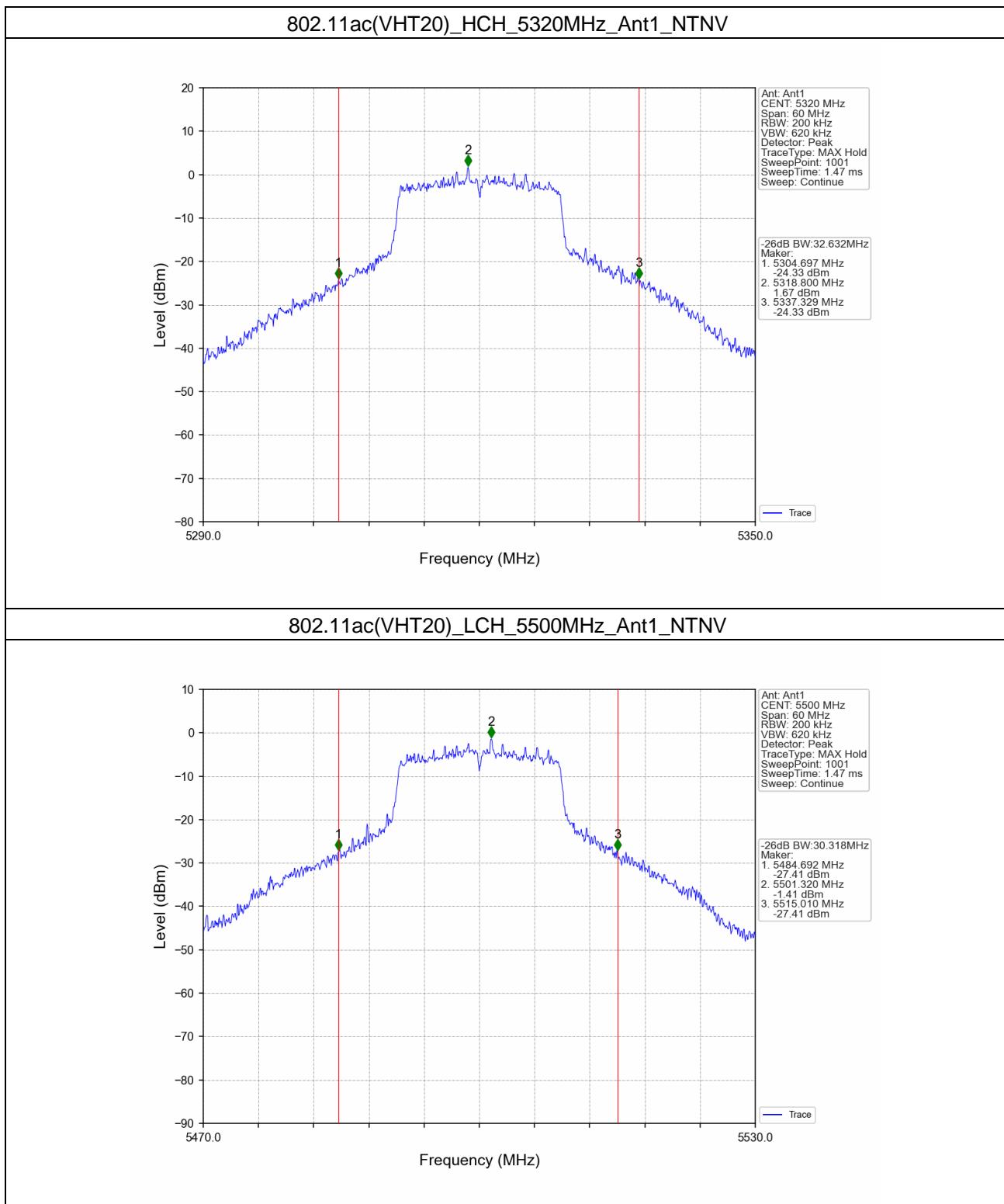
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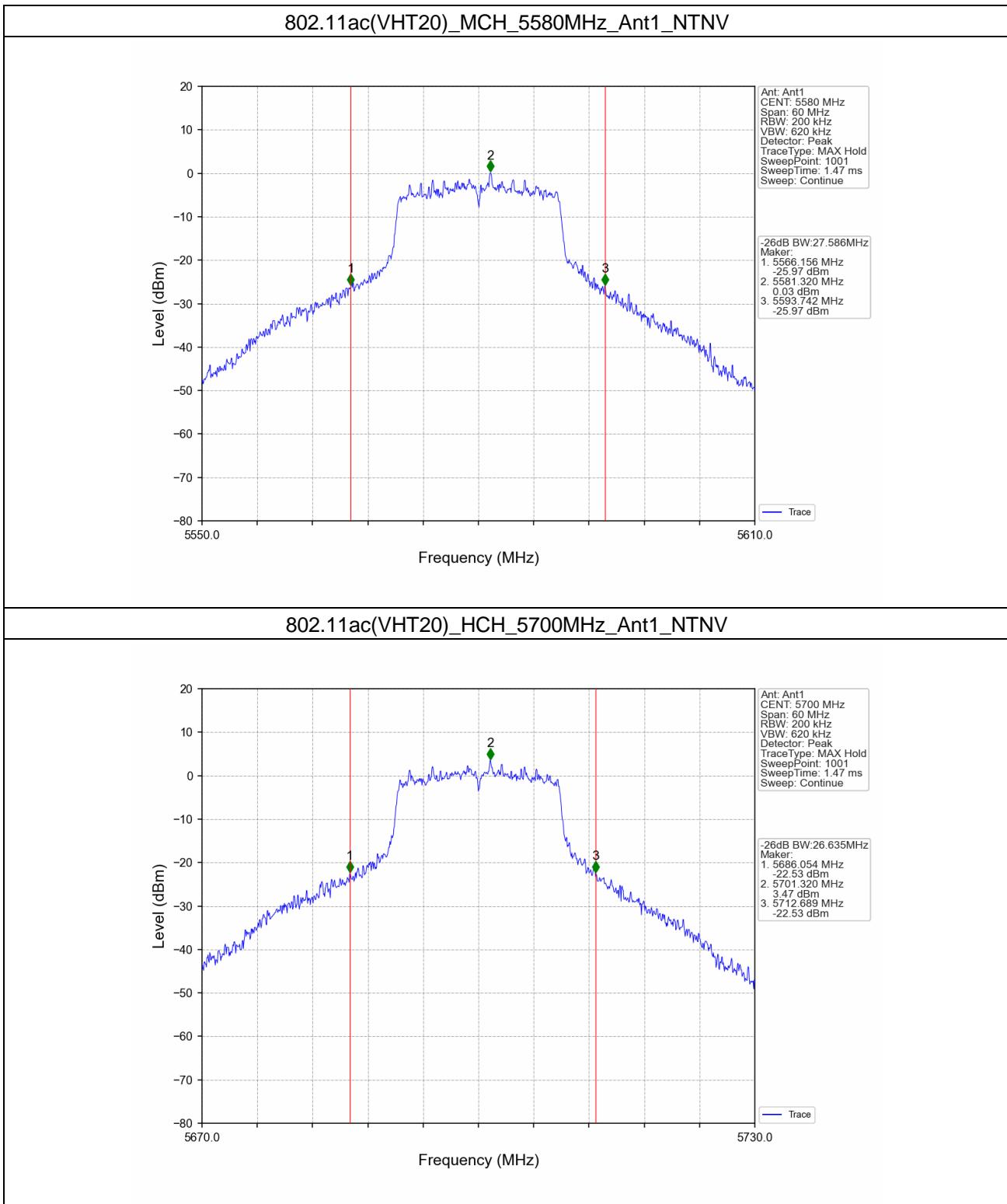
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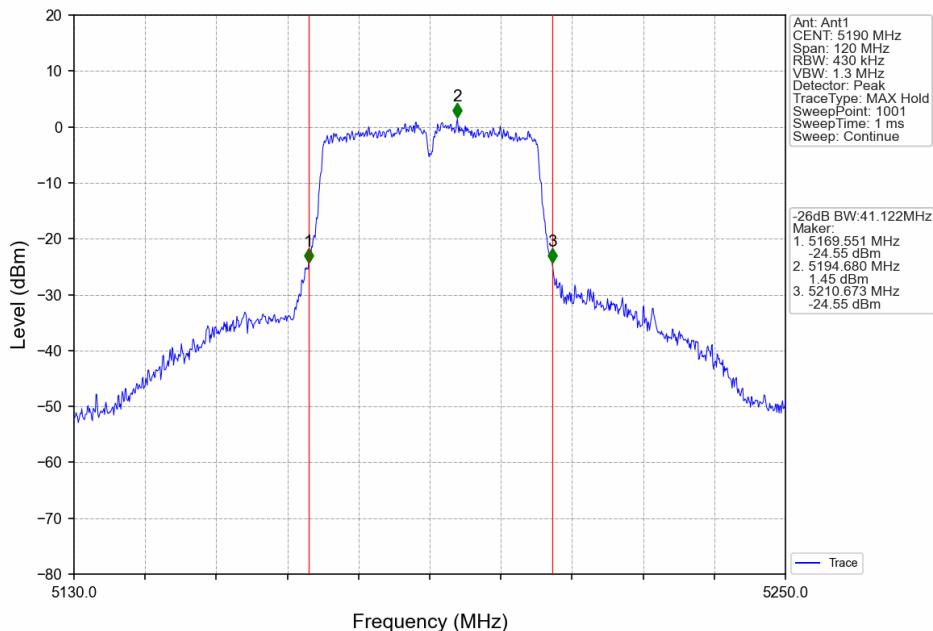
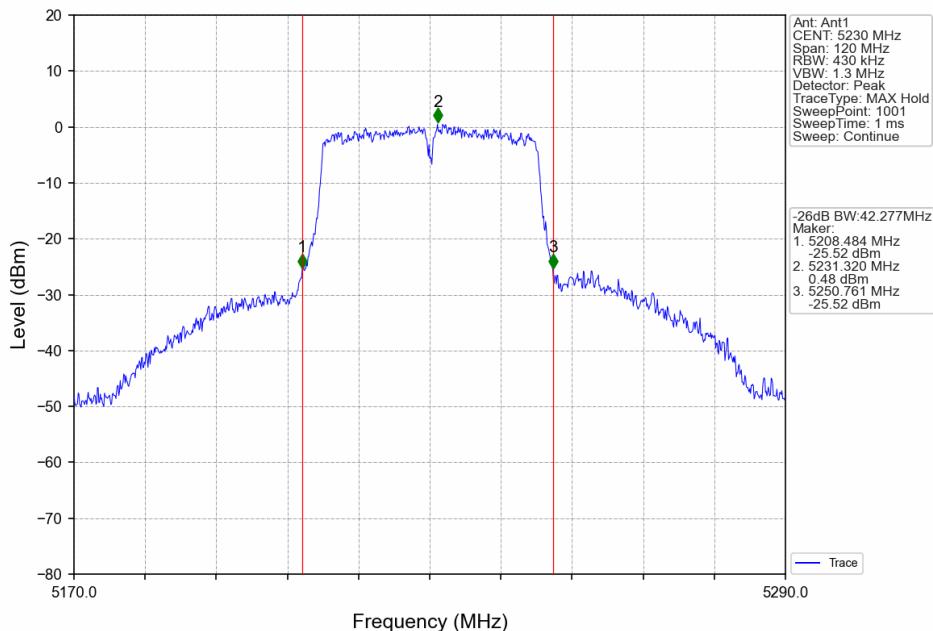
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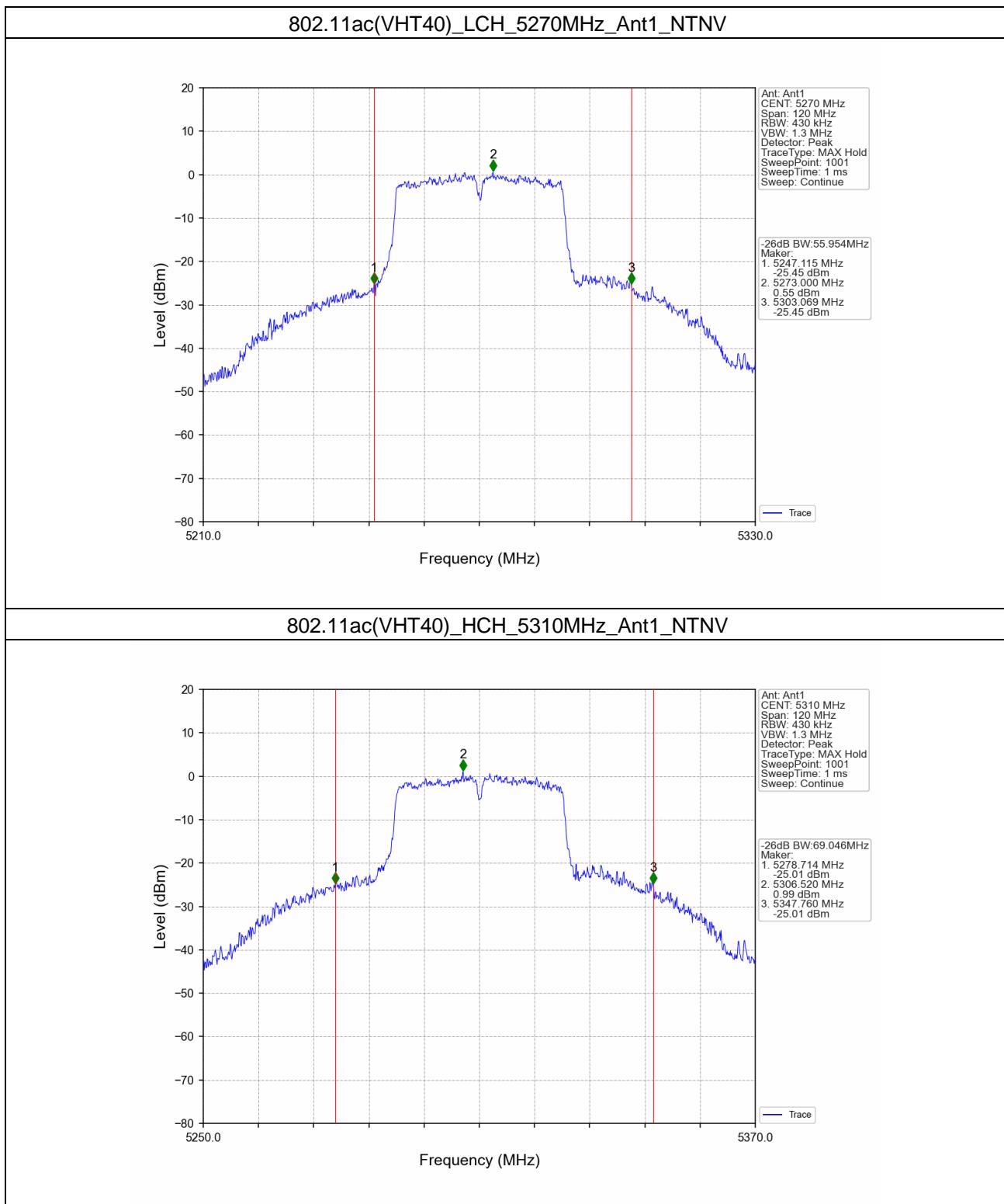
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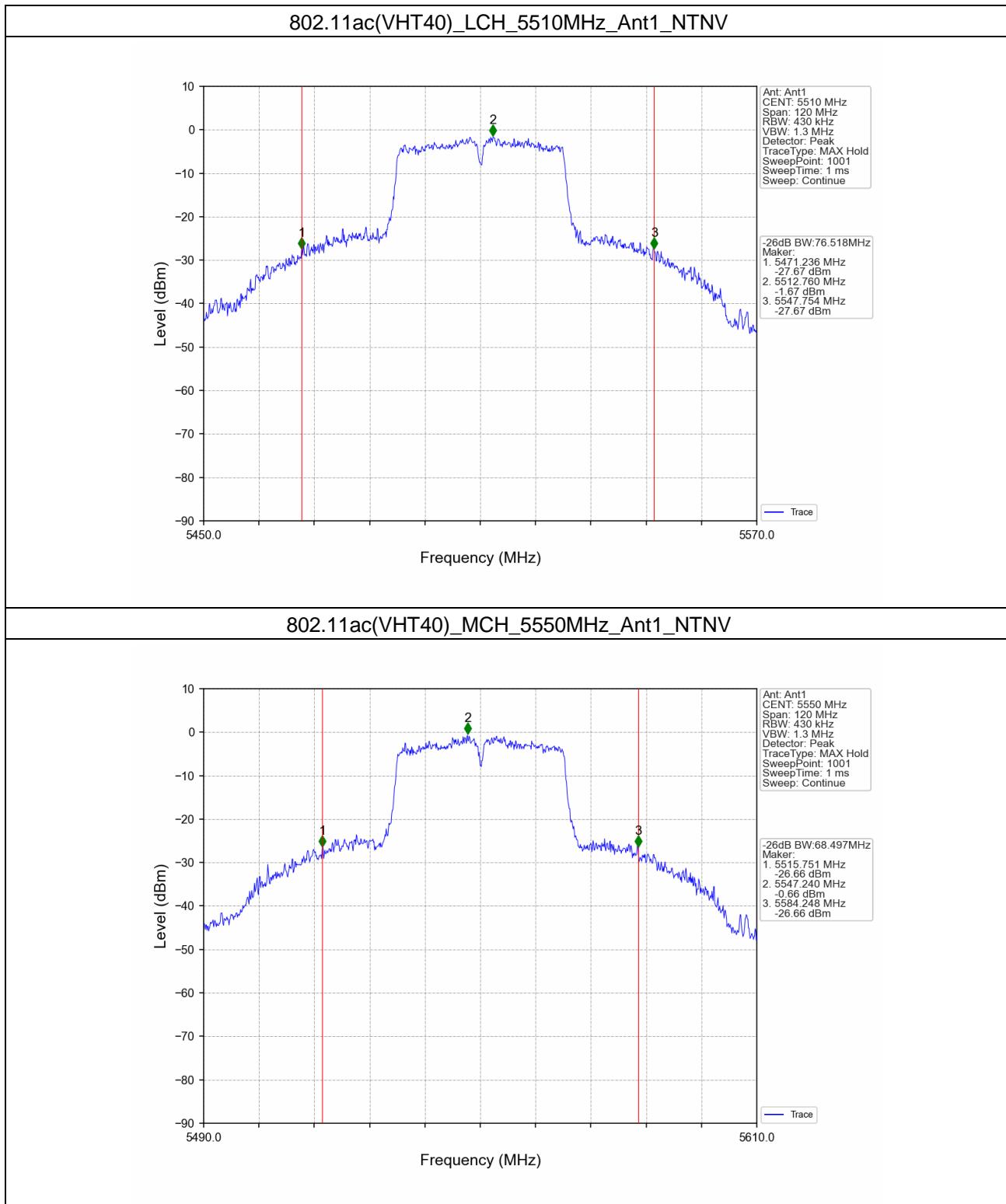
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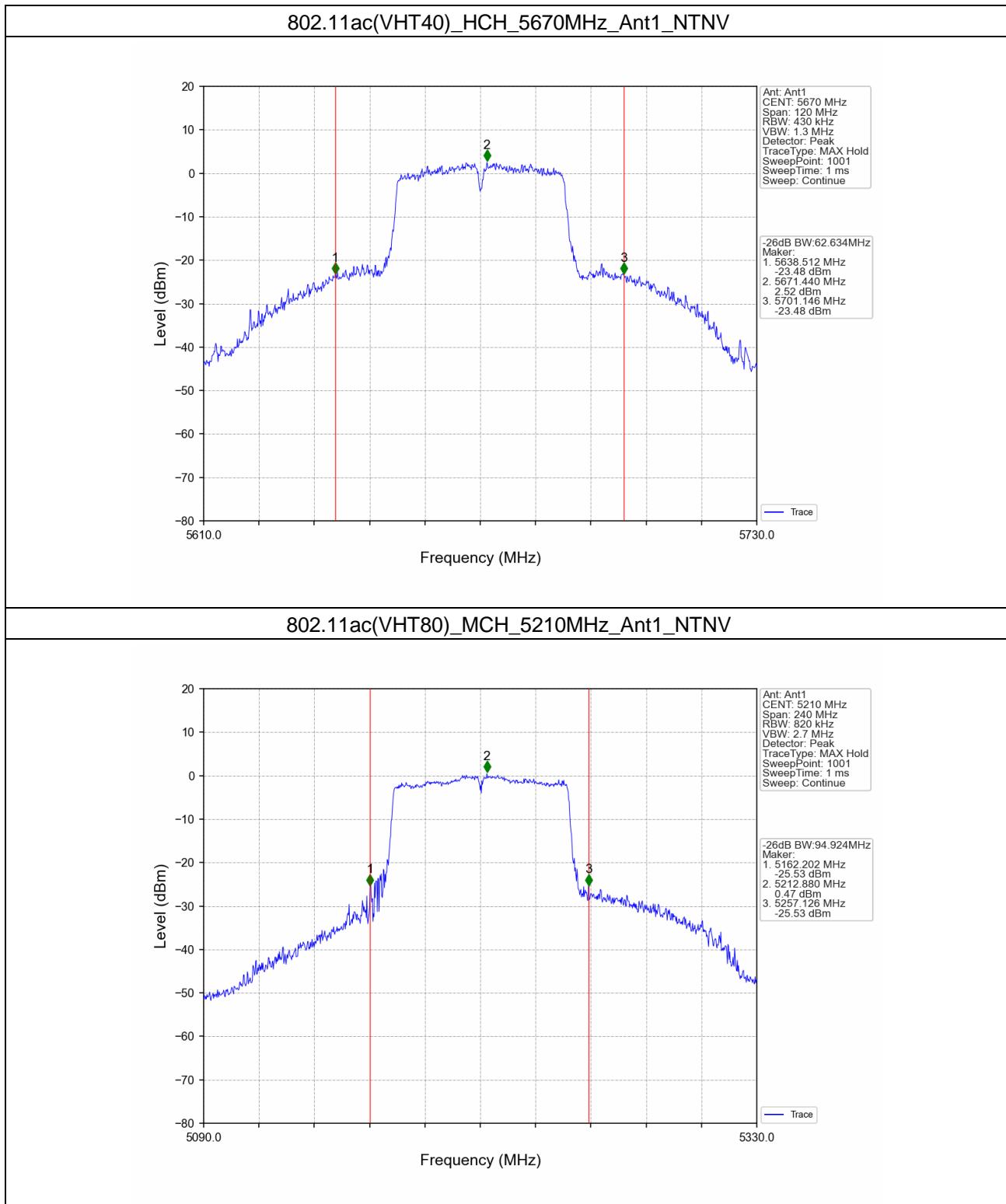
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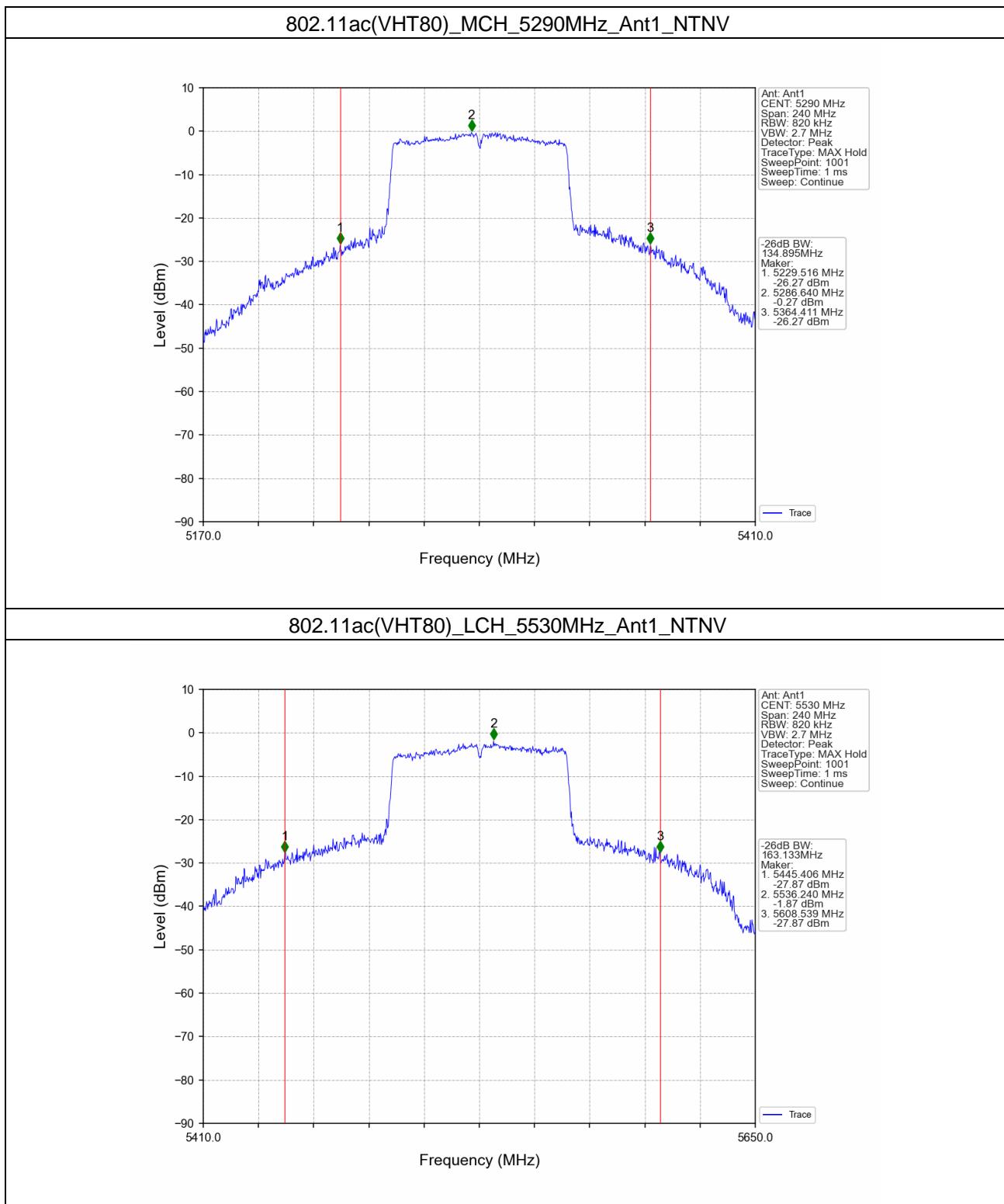
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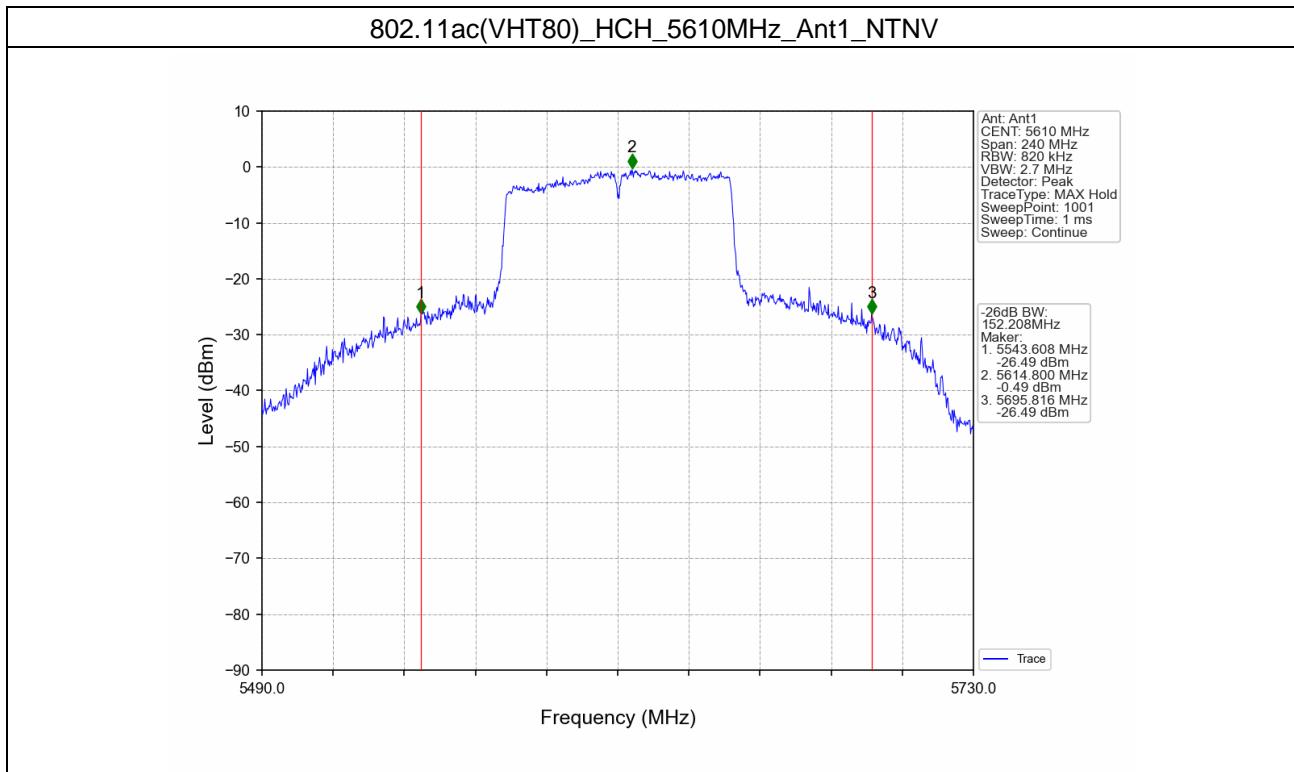
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### 3. Maximum Conducted Output Power

#### 3.1 Power

##### 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	12.84	<=23.98	Pass
		5200	12.96	<=23.98	Pass
		5240	12.70	<=23.98	Pass
		5260	12.61	<=23.98	Pass
		5300	11.94	<=23.98	Pass
		5320	11.74	<=23.98	Pass
		5500	8.97	<=23.98	Pass
		5580	8.36	<=23.98	Pass
		5700	9.48	<=23.98	Pass
		5745	8.97	<=30	Pass
		5785	8.15	<=30	Pass
		5825	7.98	<=30	Pass
802.11n (HT20)	SISO	5180	10.58	<=23.98	Pass
		5200	10.66	<=23.98	Pass
		5240	10.42	<=23.98	Pass
		5260	10.41	<=23.98	Pass
		5300	10.04	<=23.98	Pass
		5320	10.03	<=23.98	Pass
		5500	8.82	<=23.98	Pass
		5580	9.05	<=23.98	Pass
		5700	9.71	<=23.98	Pass
		5745	8.17	<=30	Pass
		5785	8.92	<=30	Pass
		5825	7.74	<=30	Pass
802.11n (HT40)	SISO	5190	10.53	<=23.98	Pass
		5230	10.52	<=23.98	Pass
		5270	9.93	<=23.98	Pass
		5310	9.88	<=23.98	Pass
		5510	8.60	<=23.98	Pass
		5550	8.36	<=23.98	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240100017605

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		5670	8.92	<=23.98	Pass
		5755	8.67	<=30	Pass
		5795	8.16	<=30	Pass
802.11ac (VHT20)	SISO	5180	10.52	<=23.98	Pass
		5200	10.67	<=23.98	Pass
		5240	10.41	<=23.98	Pass
		5260	10.37	<=23.98	Pass
		5300	10.03	<=23.98	Pass
		5320	10.02	<=23.98	Pass
		5500	6.61	<=23.98	Pass
		5580	7.92	<=23.98	Pass
		5700	11.68	<=23.98	Pass
		5745	10.62	<=30	Pass
		5785	9.19	<=30	Pass
		5825	7.09	<=30	Pass
802.11ac (VHT40)	SISO	5190	10.50	<=23.98	Pass
		5230	10.49	<=23.98	Pass
		5270	9.98	<=23.98	Pass
		5310	9.86	<=23.98	Pass
		5510	7.63	<=23.98	Pass
		5550	8.42	<=23.98	Pass
		5670	12.04	<=23.98	Pass
		5755	11.22	<=30	Pass
		5795	9.76	<=30	Pass
802.11ac (VHT80)	SISO	5210	10.11	<=23.98	Pass
		5290	9.91	<=23.98	Pass
		5530	8.18	<=23.98	Pass
		5610	9.83	<=23.98	Pass
		5775	8.65	<=30	Pass

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## 4. Maximum Power Spectral Density

### 4.1 PSD

#### 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	2.27	<=11	Pass
		5200	2.29	<=11	Pass
		5240	2.07	<=11	Pass
		5260	1.94	<=11	Pass
		5300	1.27	<=11	Pass
		5320	1.04	<=11	Pass
		5500	-2.62	<=11	Pass
		5580	-4.37	<=11	Pass
		5700	-0.12	<=11	Pass
		5180	-0.32	<=11	Pass
802.11n (HT20)	SISO	5200	-0.28	<=11	Pass
		5240	-0.45	<=11	Pass
		5260	-0.62	<=11	Pass
		5300	-0.89	<=11	Pass
		5320	-0.90	<=11	Pass
		5500	-5.96	<=11	Pass
		5580	-4.84	<=11	Pass
		5700	0.86	<=11	Pass
		5190	-3.20	<=11	Pass
		5230	-3.26	<=11	Pass
802.11n (HT40)	SISO	5270	-3.83	<=11	Pass
		5310	-3.87	<=11	Pass
		5510	-6.28	<=11	Pass
		5550	-5.49	<=11	Pass
		5670	-1.71	<=11	Pass
		5180	-0.33	<=11	Pass
		5200	-0.24	<=11	Pass
802.11ac (VHT20)	SISO	5240	-0.38	<=11	Pass
		5260	-0.53	<=11	Pass
		5300	-0.91	<=11	Pass
		5320	-0.86	<=11	Pass

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**SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch**

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240100017605

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		5500	-4.25	<=11	Pass
		5580	-2.99	<=11	Pass
		5700	0.85	<=11	Pass
802.11ac (VHT40)	SISO	5190	-3.34	<=11	Pass
		5230	-3.20	<=11	Pass
		5270	-3.89	<=11	Pass
		5310	-4.09	<=11	Pass
		5510	-6.15	<=11	Pass
		5550	-5.25	<=11	Pass
		5670	-1.90	<=11	Pass
		5210	-7.03	<=11	Pass
802.11ac (VHT80)	SISO	5290	-7.25	<=11	Pass
		5530	-8.93	<=11	Pass
		5610	-7.20	<=11	Pass

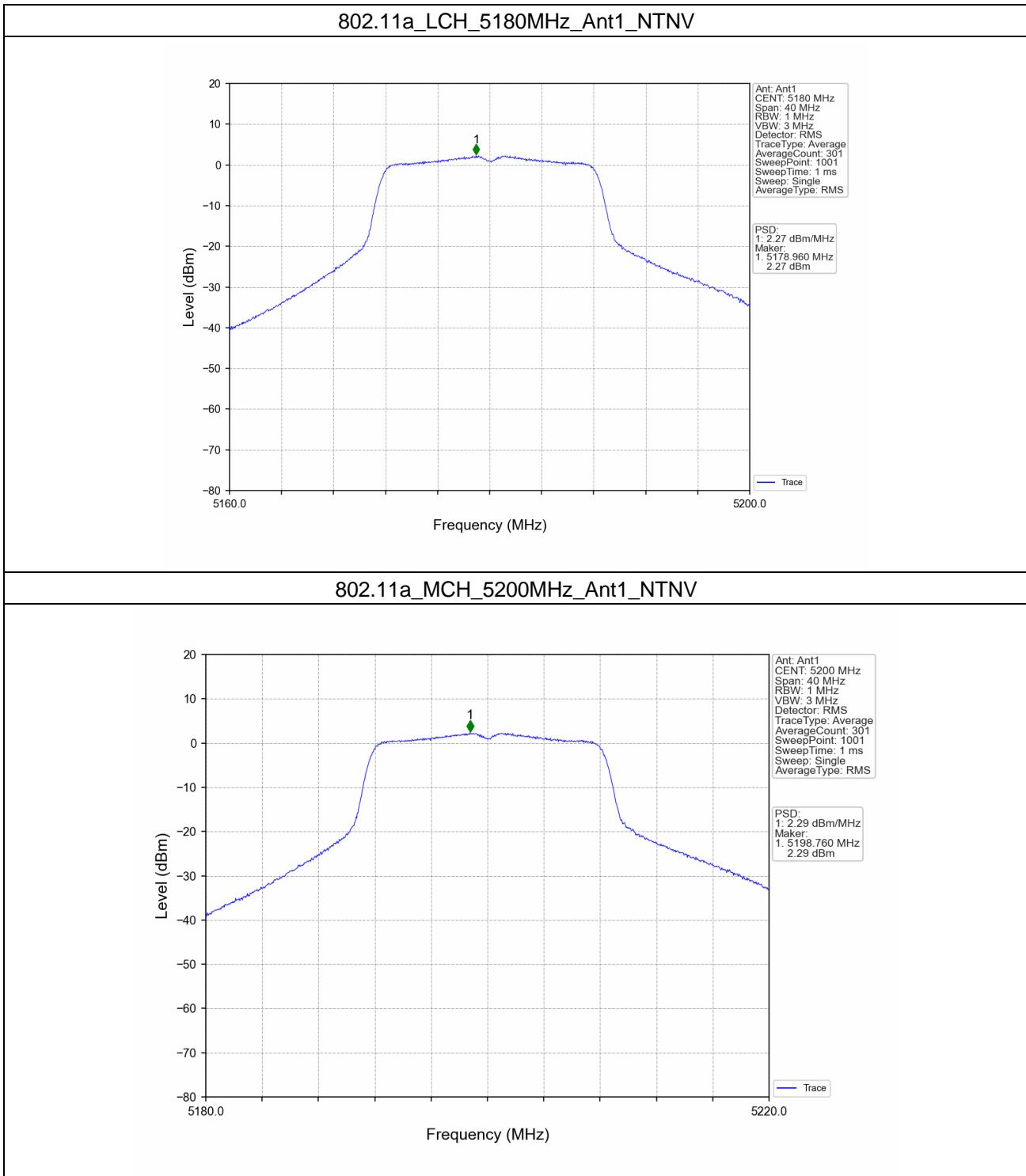
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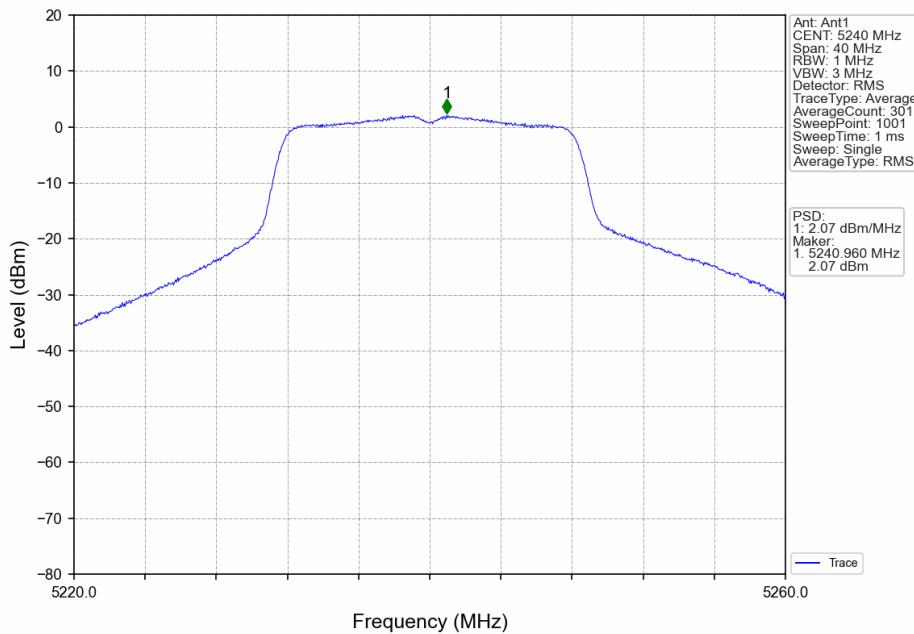
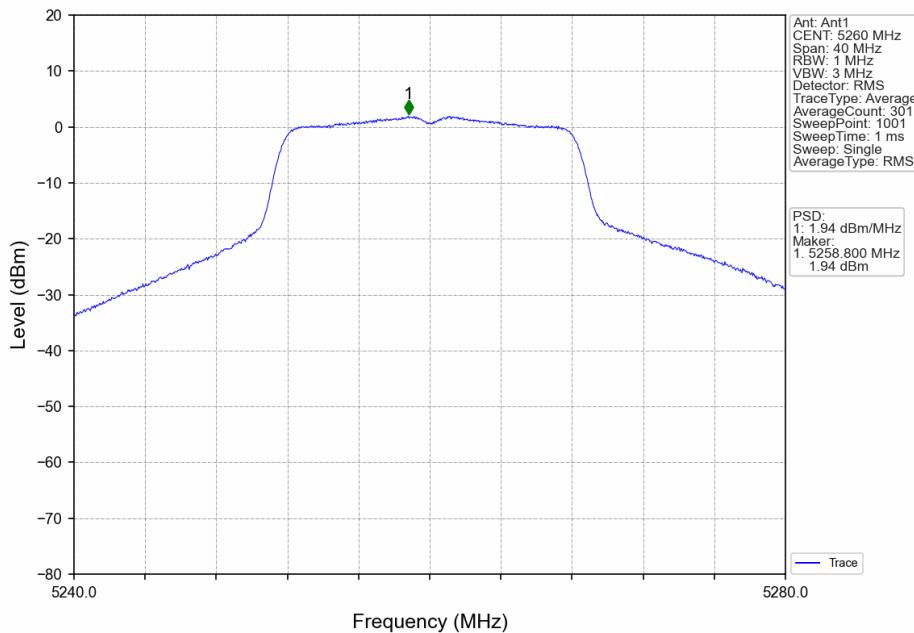
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**4.1.2 Test Graph**

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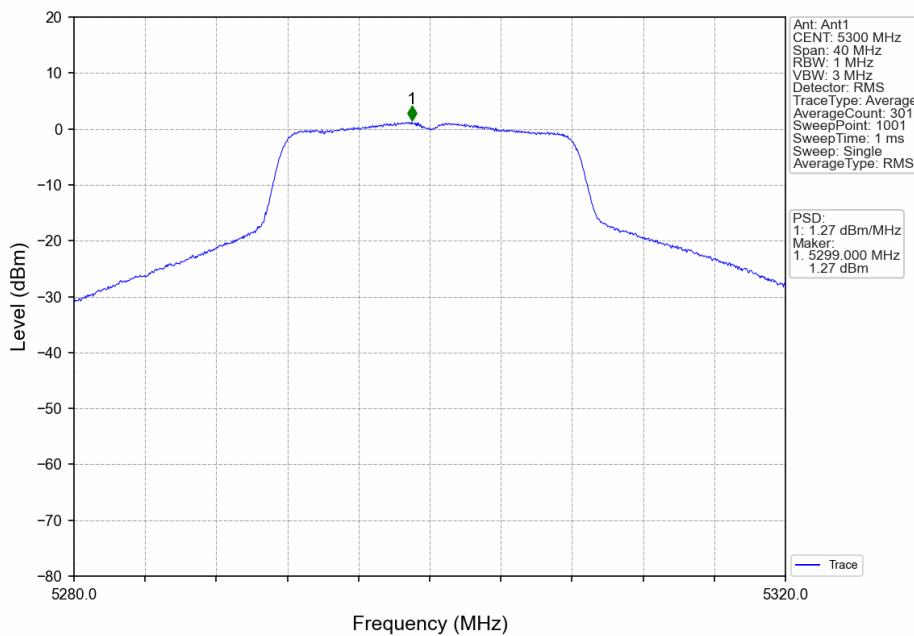
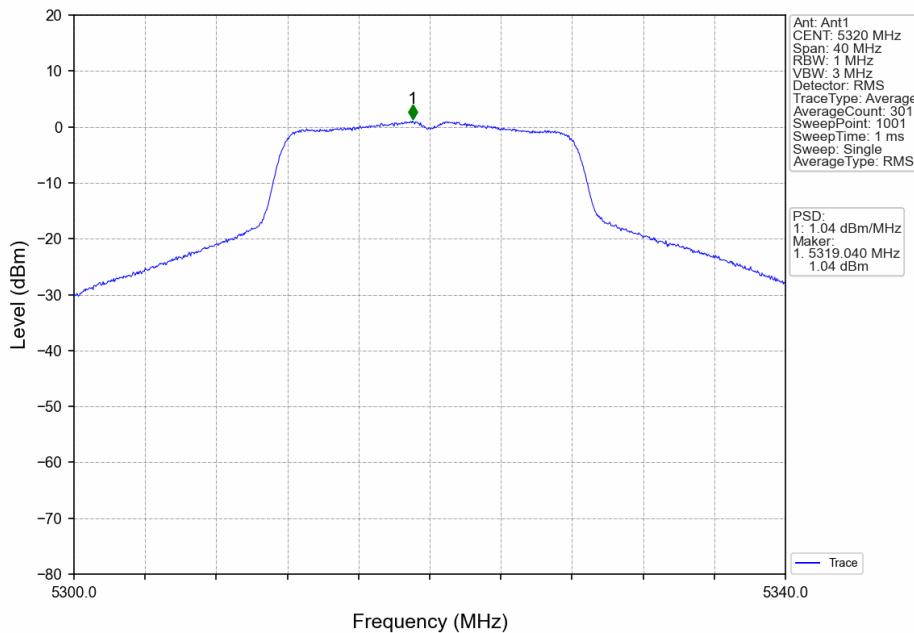
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**802.11a\_HCH\_5240MHz\_Ant1\_NTNV****802.11a\_LCH\_5260MHz\_Ant1\_NTNV**

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**802.11a\_MCH\_5300MHz\_Ant1\_NTNV****802.11a\_HCH\_5320MHz\_Ant1\_NTNV**

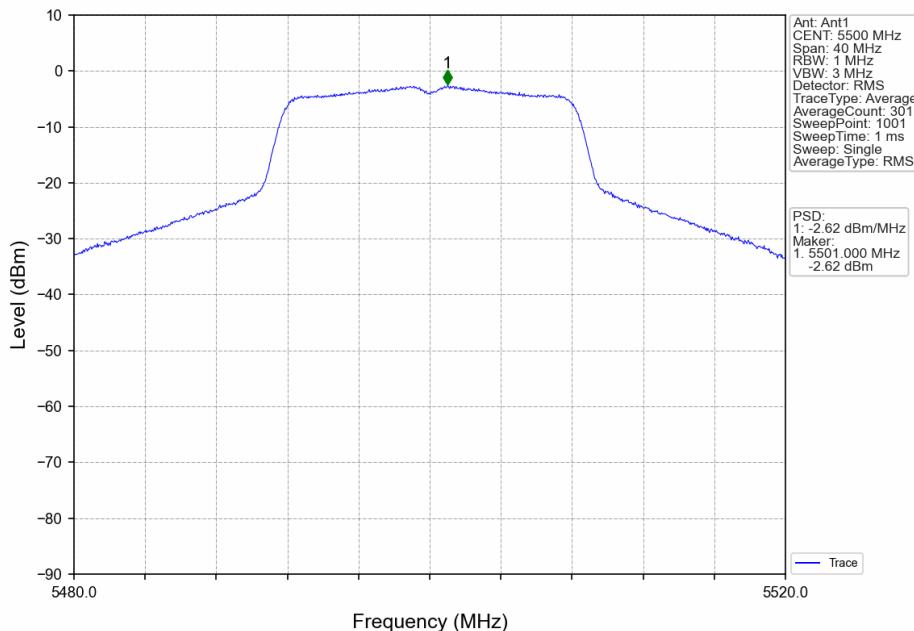
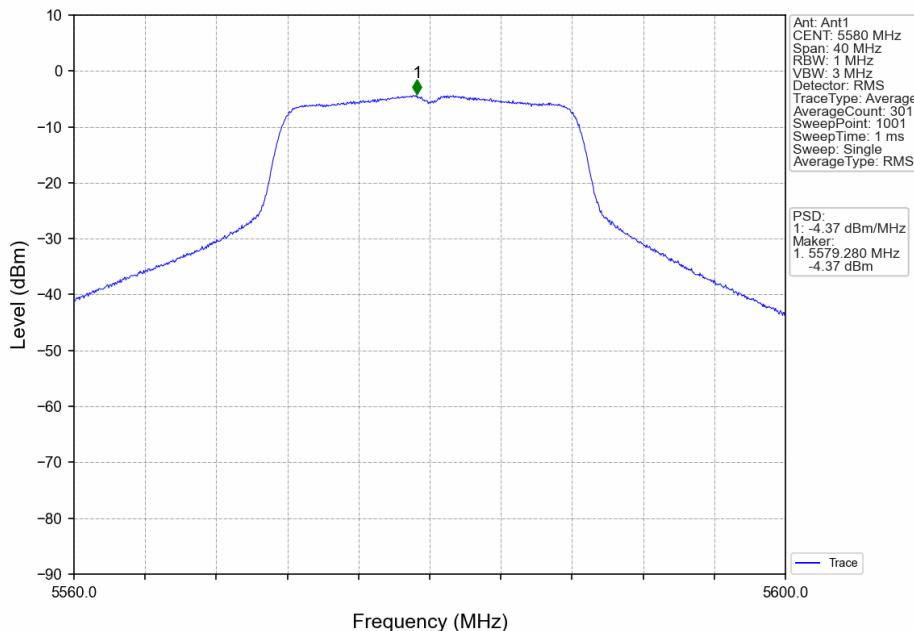
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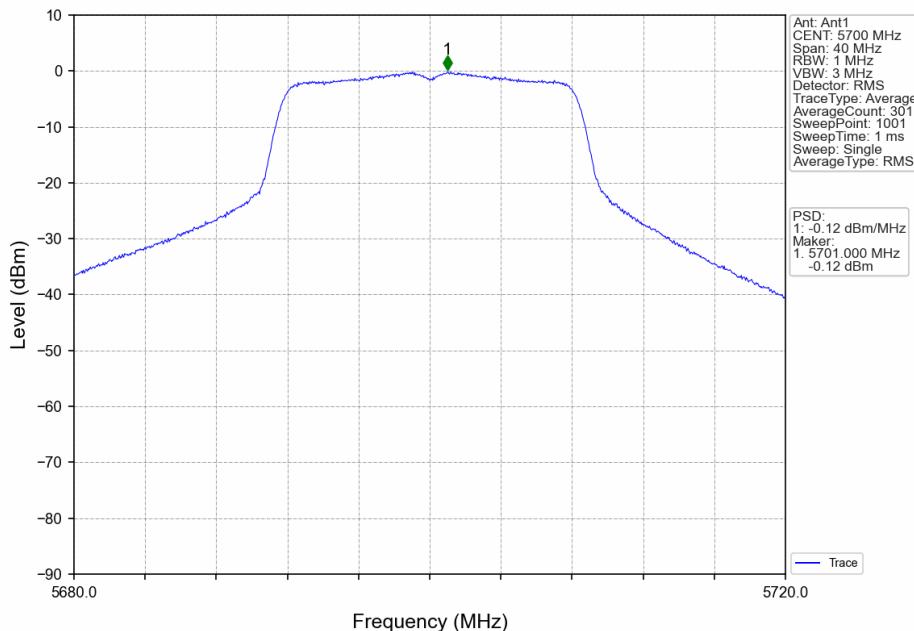
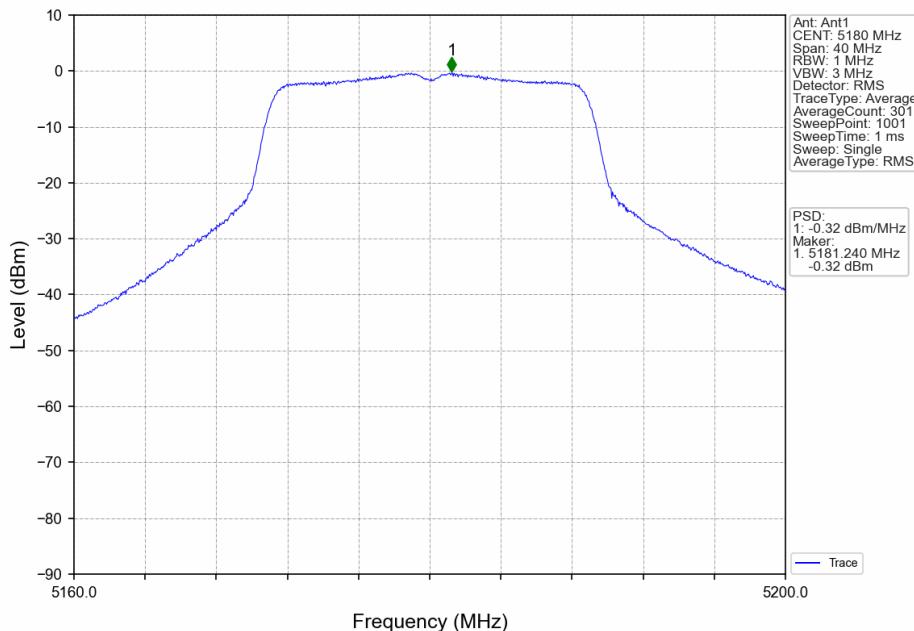
**802.11a\_LCH\_5500MHz\_Ant1\_NTNV****802.11a\_MCH\_5580MHz\_Ant1\_NTNV**

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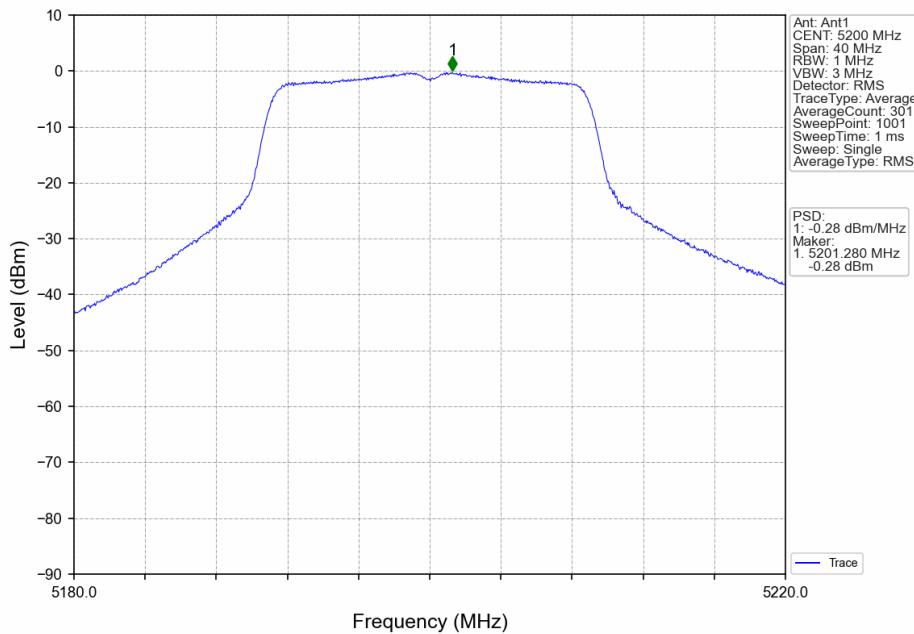
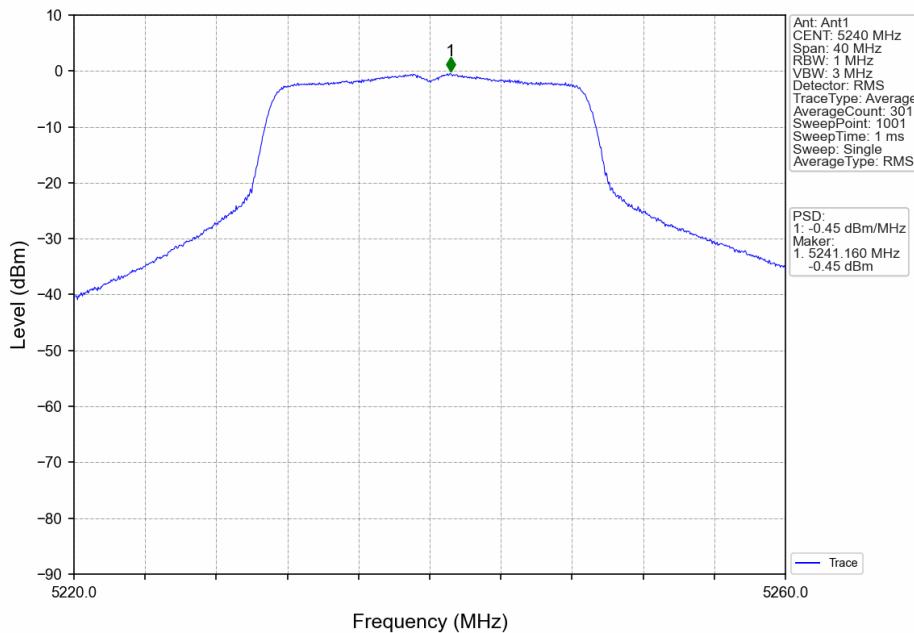


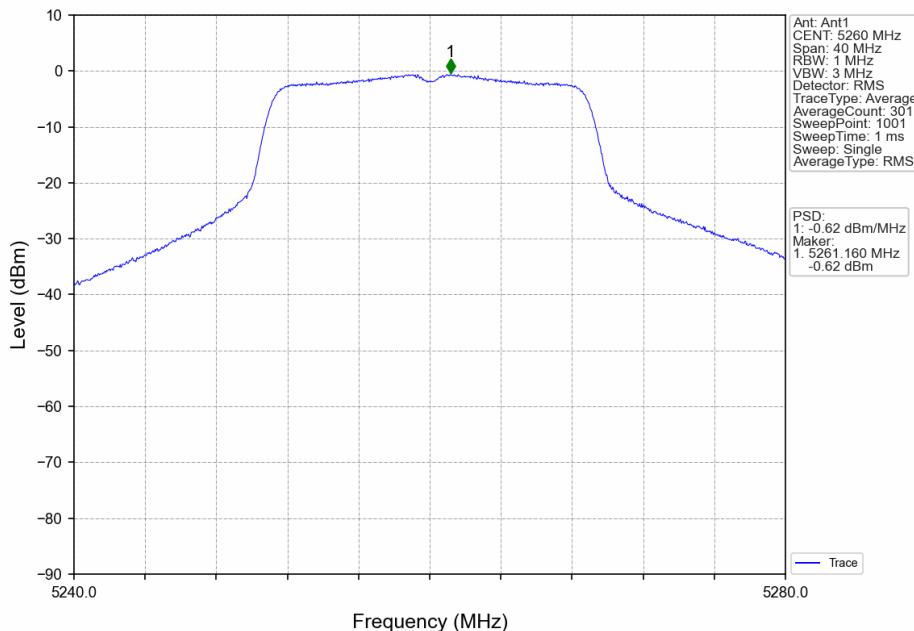
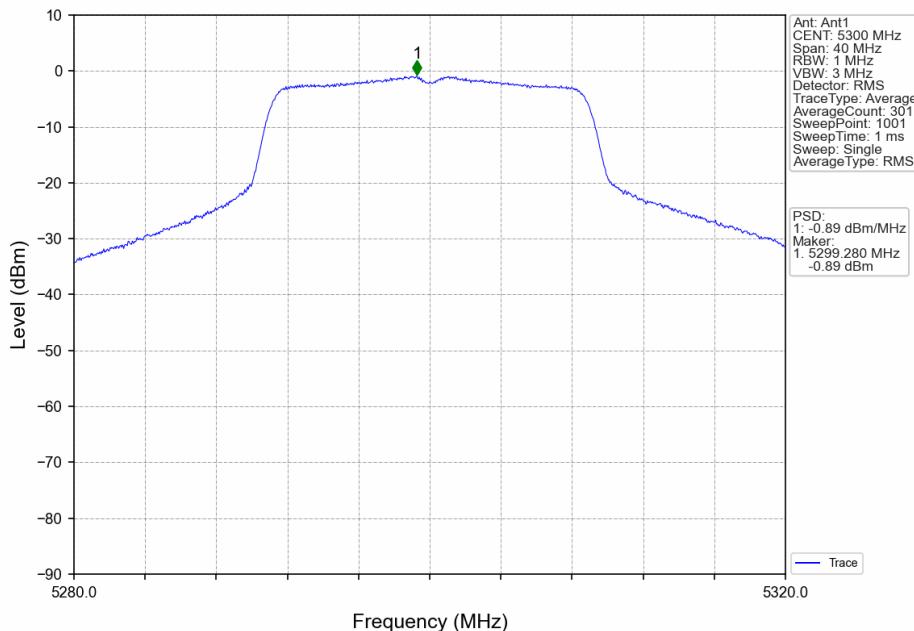
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**802.11a\_HCH\_5700MHz\_Ant1\_NTNV****802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV**

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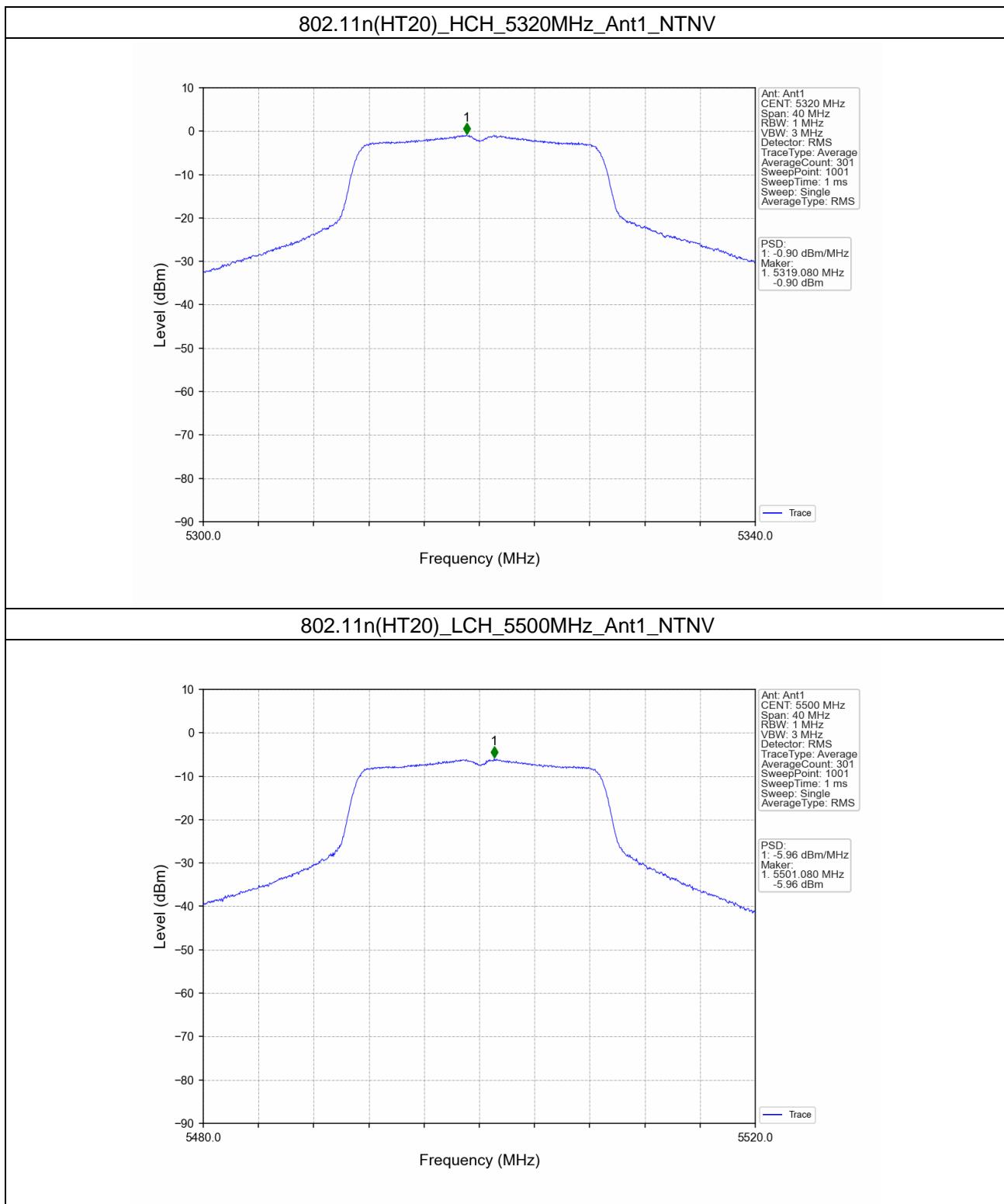
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**802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV****802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV**

**802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV****802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV**

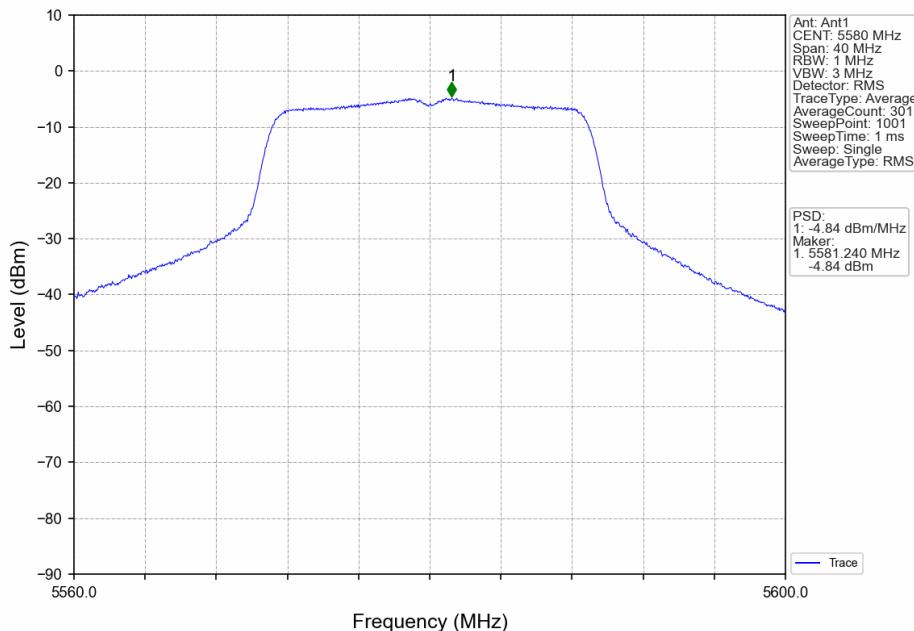
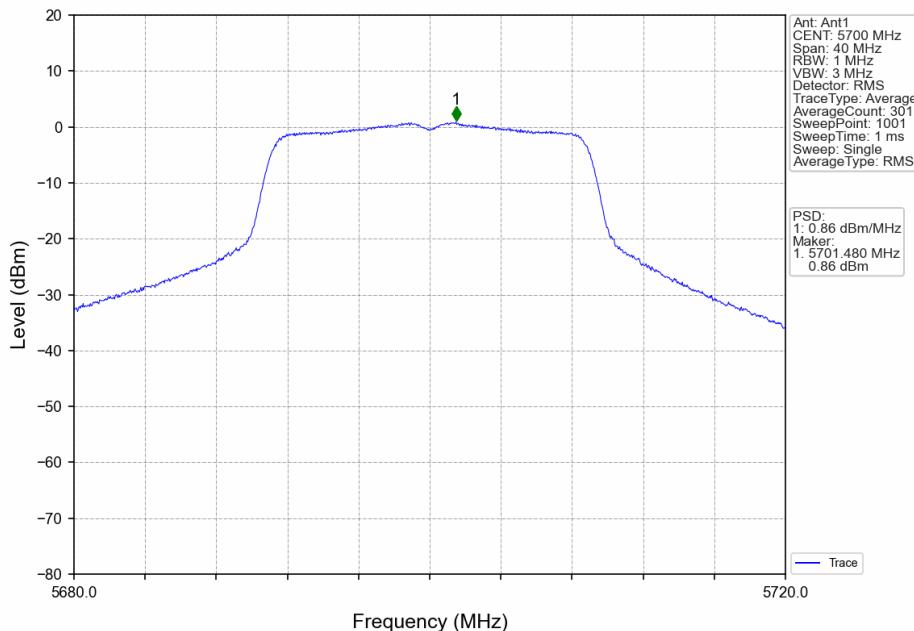
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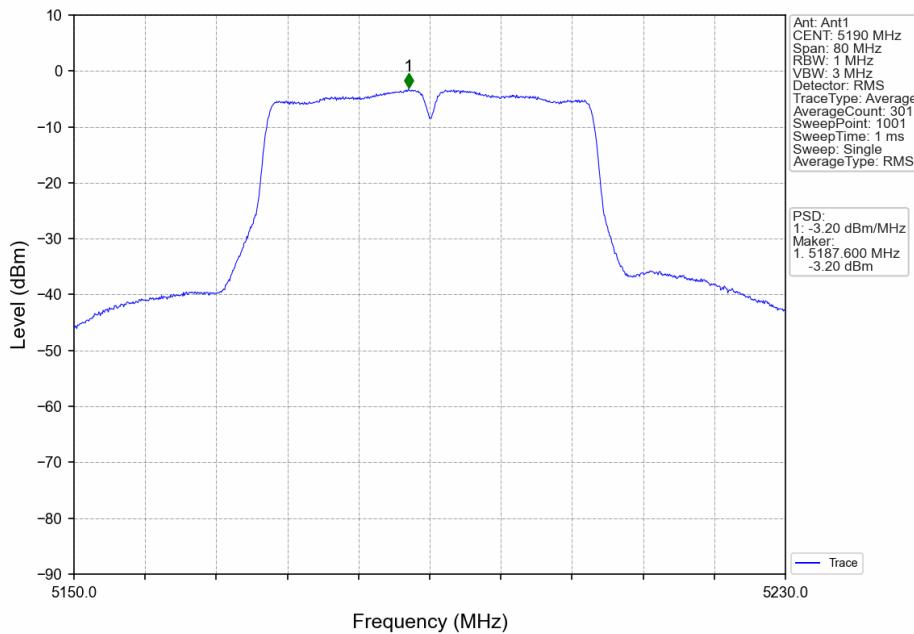
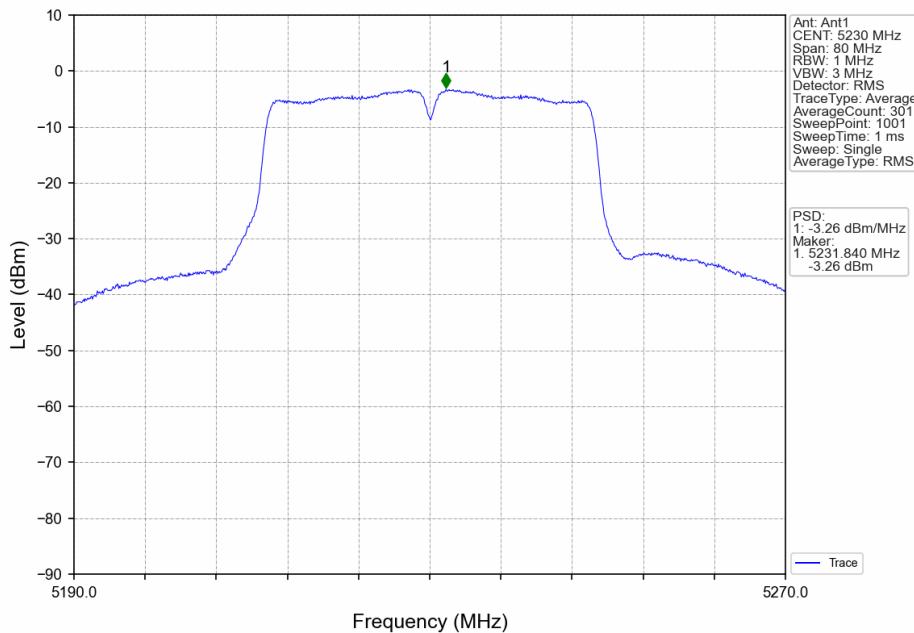
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**802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV****802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV**

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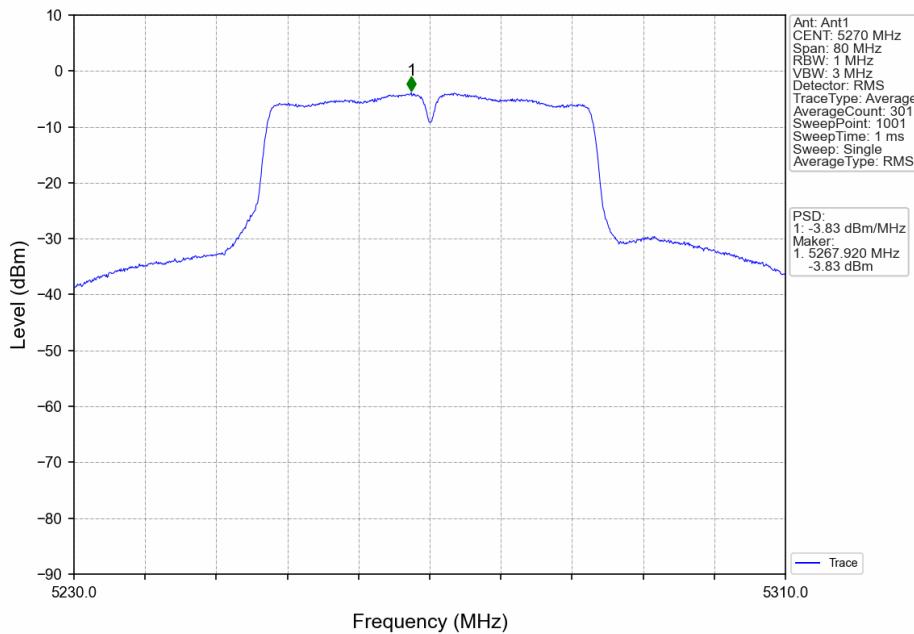
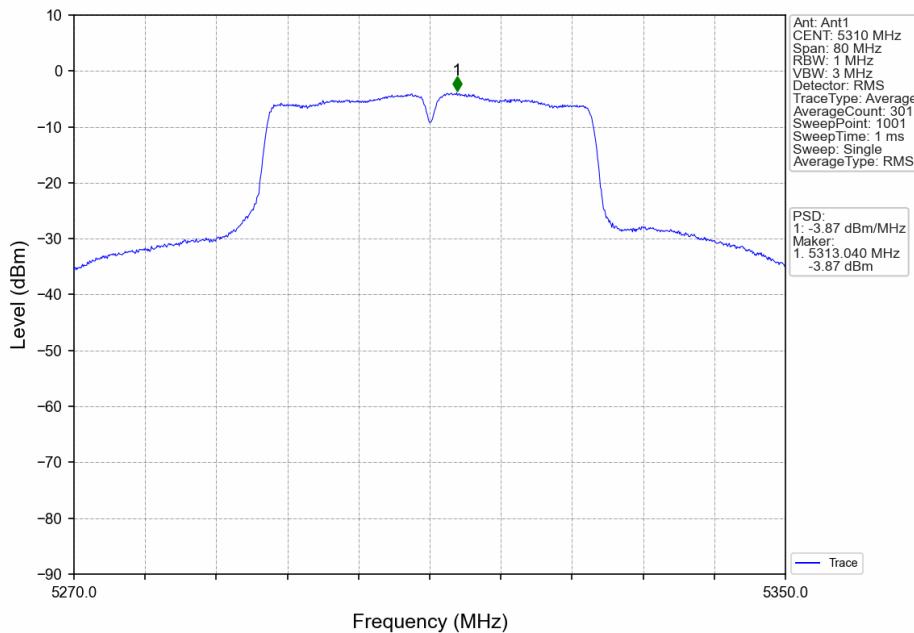
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**802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV****802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV**

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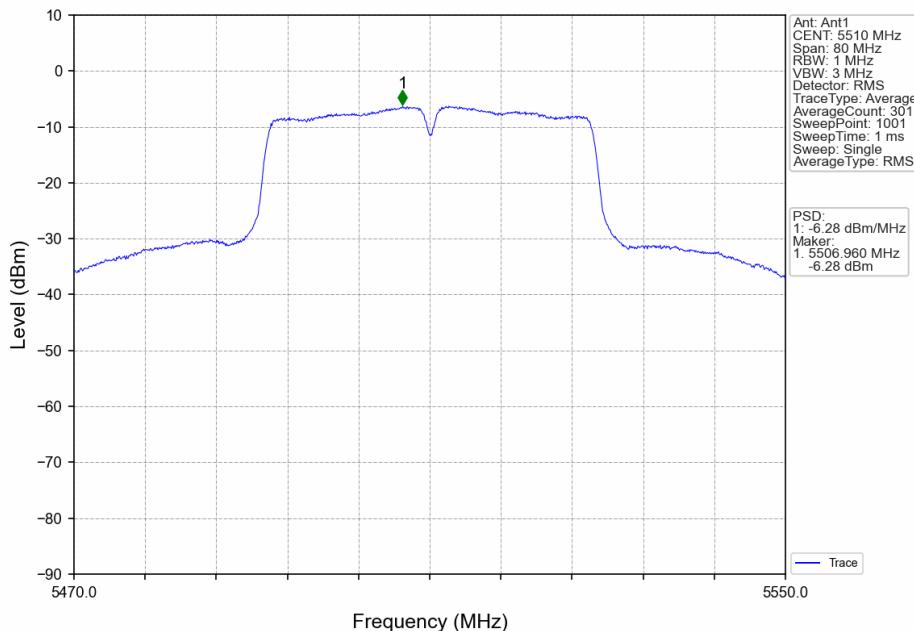
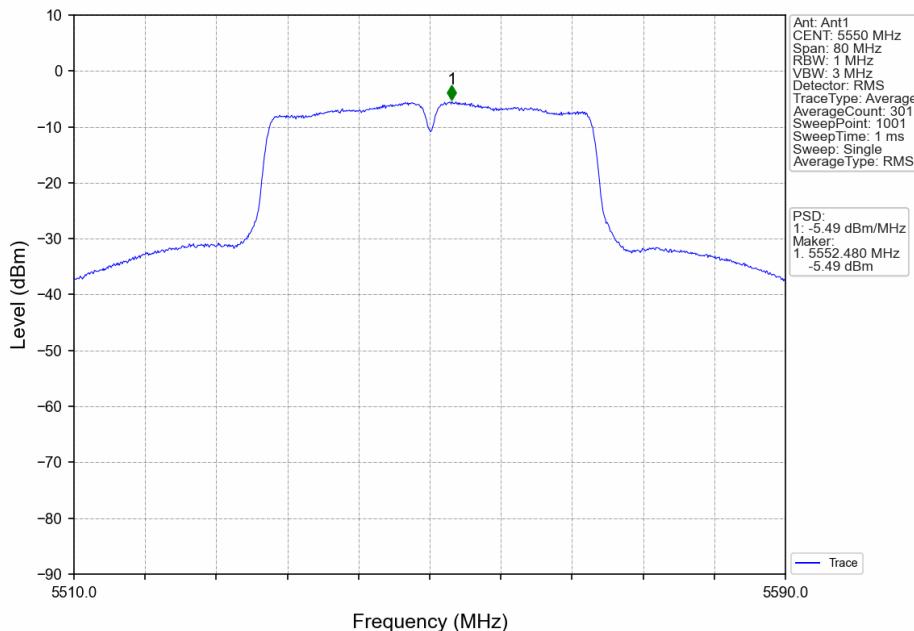


**802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV****802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV**

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**802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV****802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV**

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