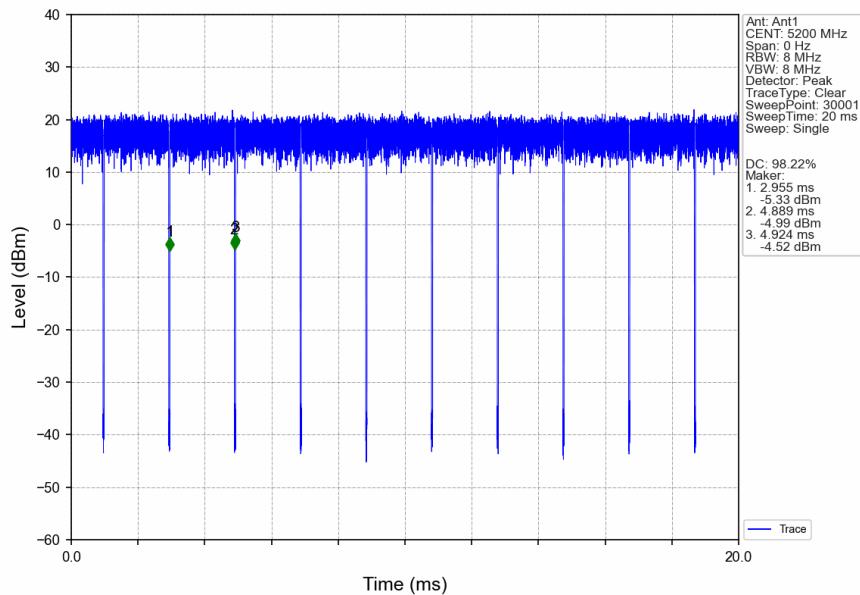
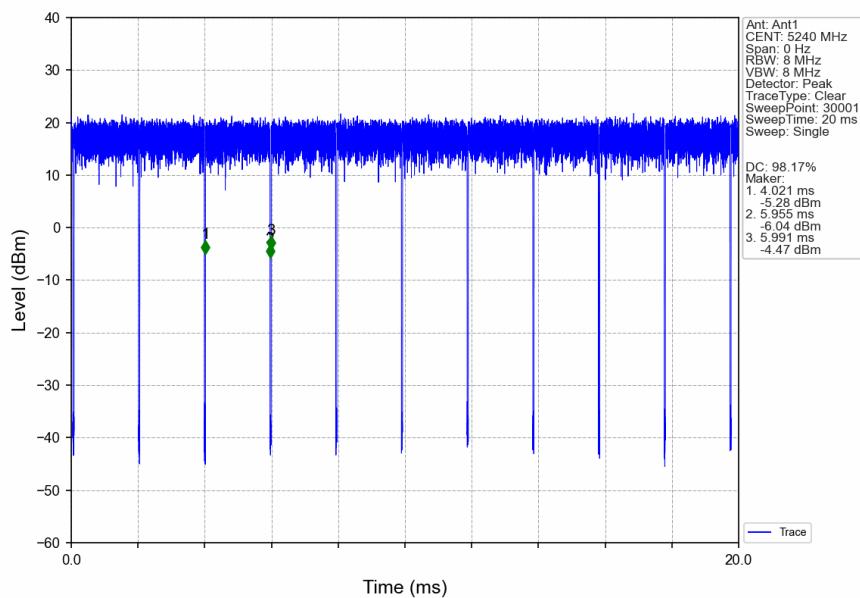
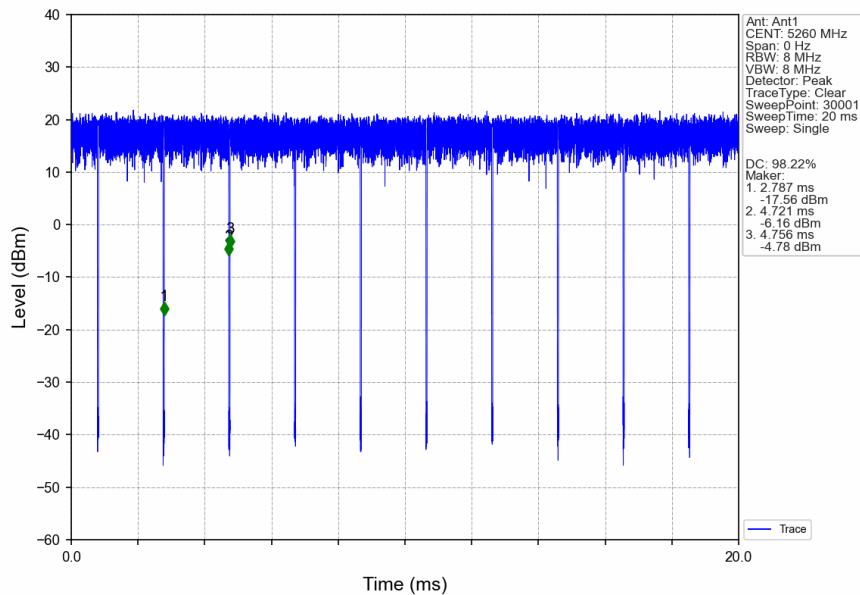
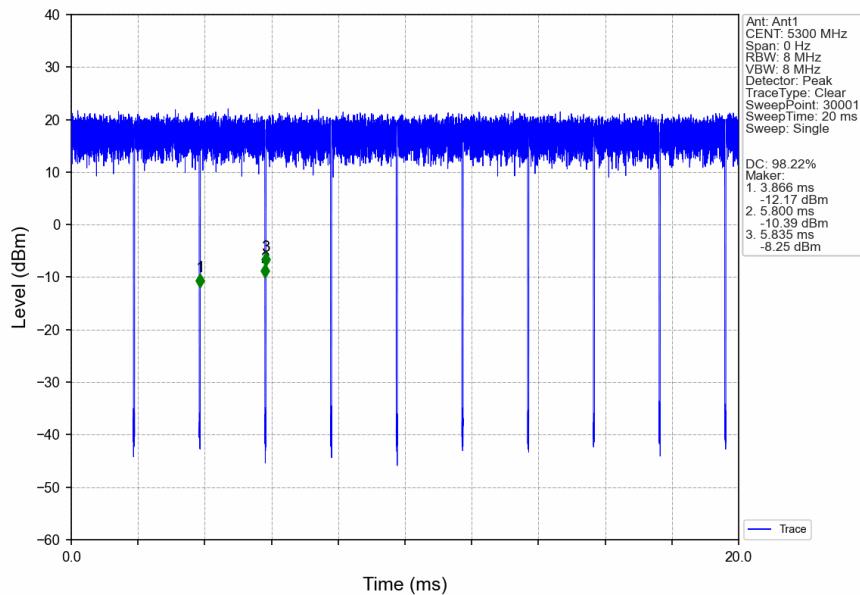


**802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV****802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV**

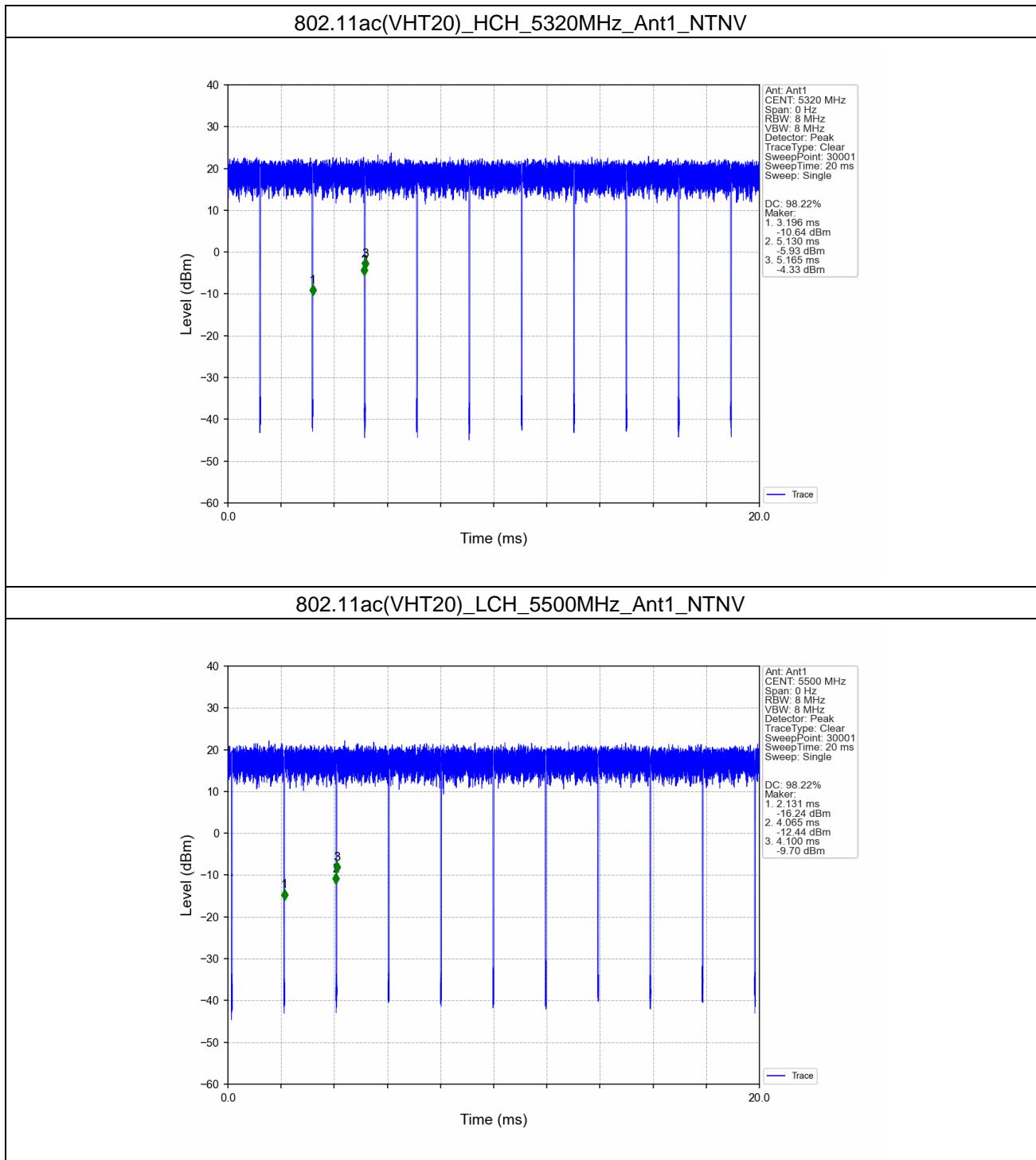
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**802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV****802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV**

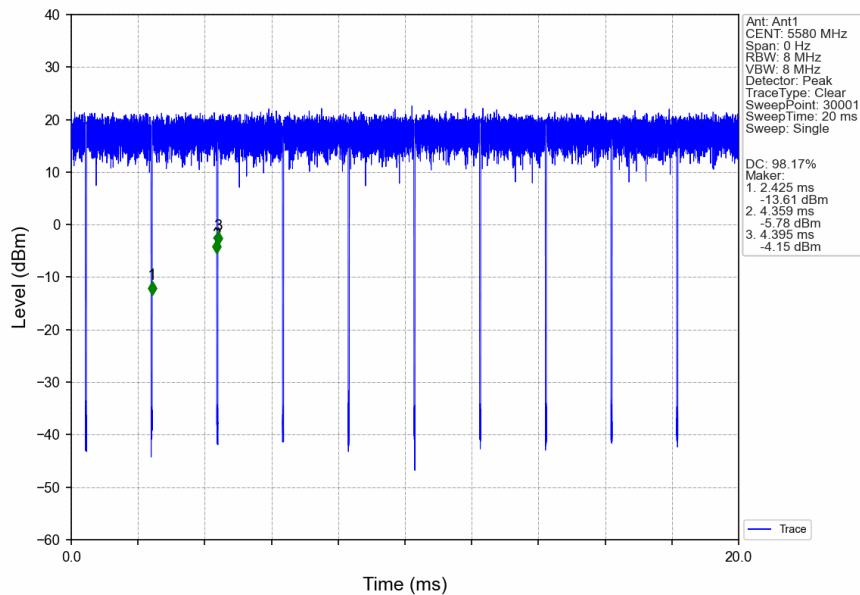
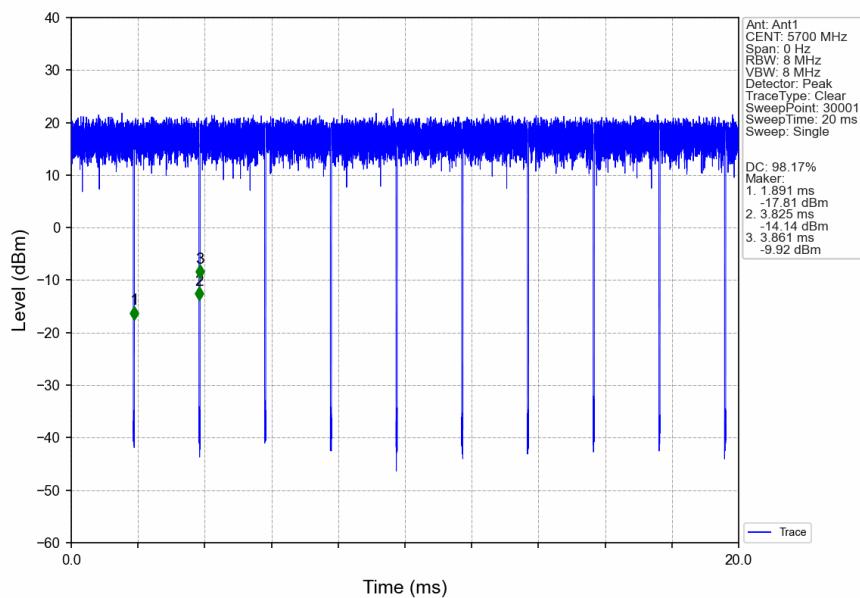
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**802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV****802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV**

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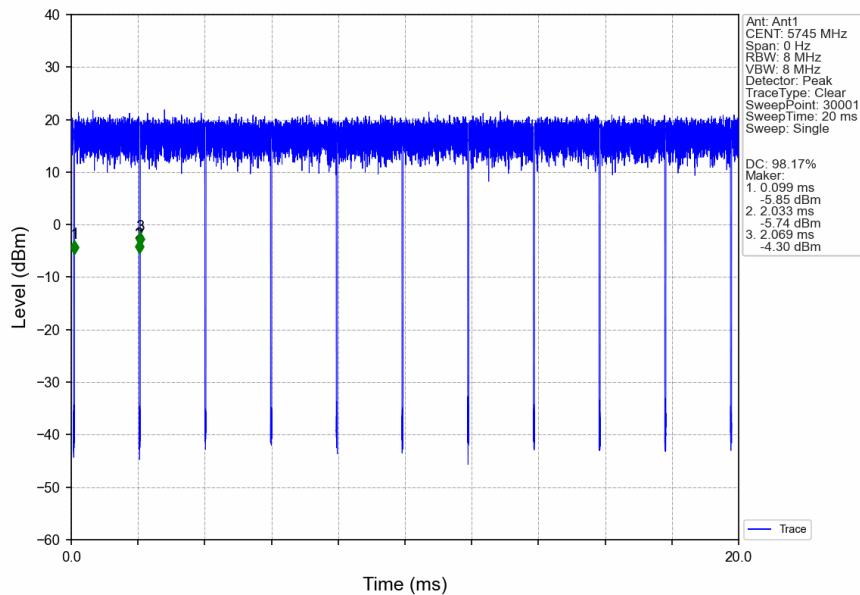
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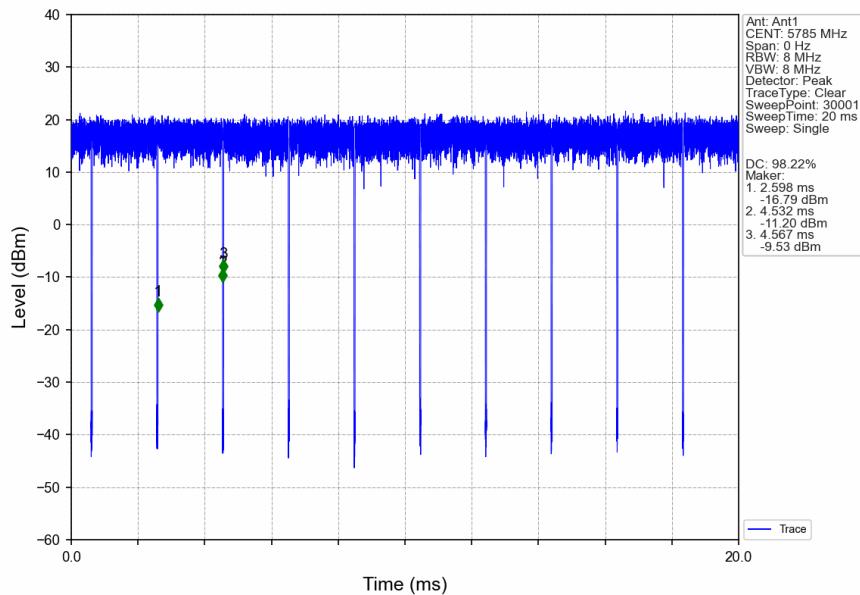
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### 802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



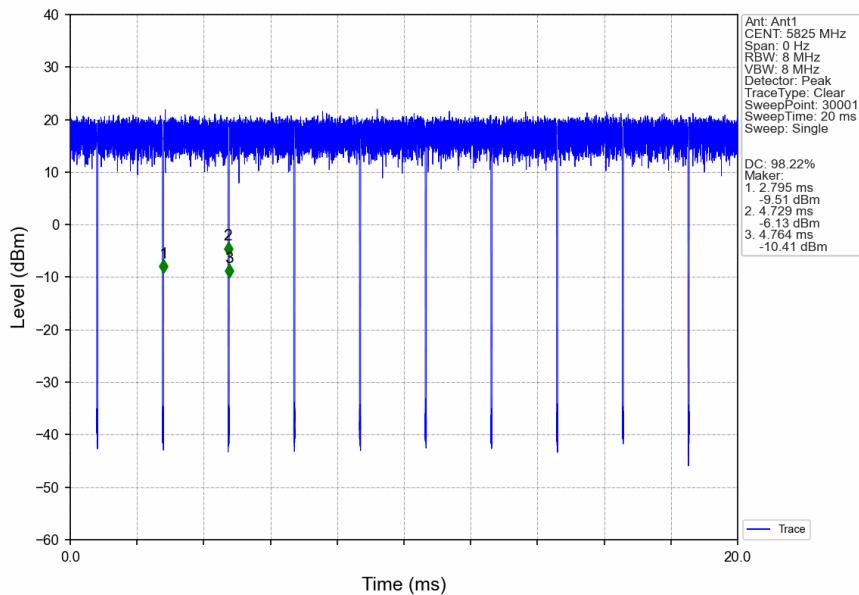
### 802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



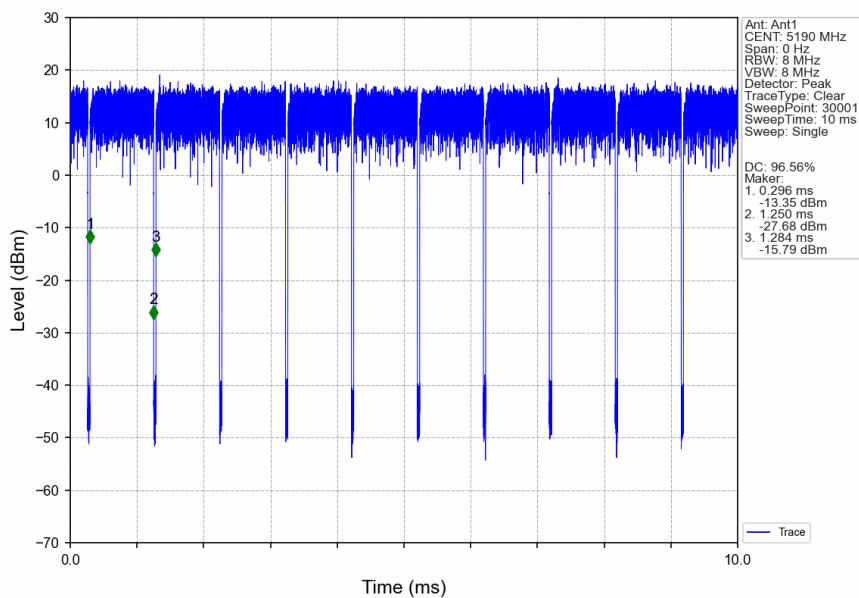
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### 802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV

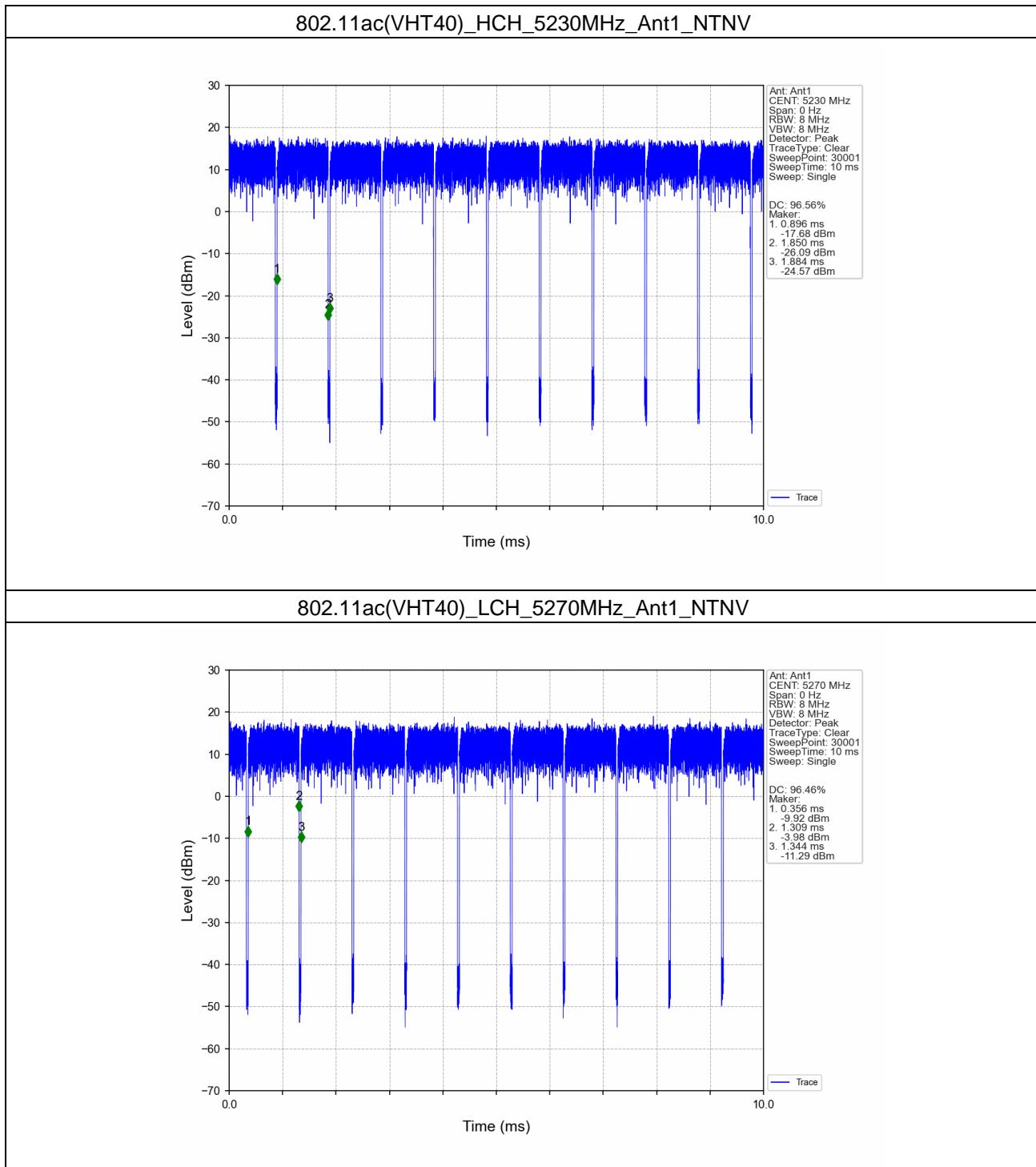


### 802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



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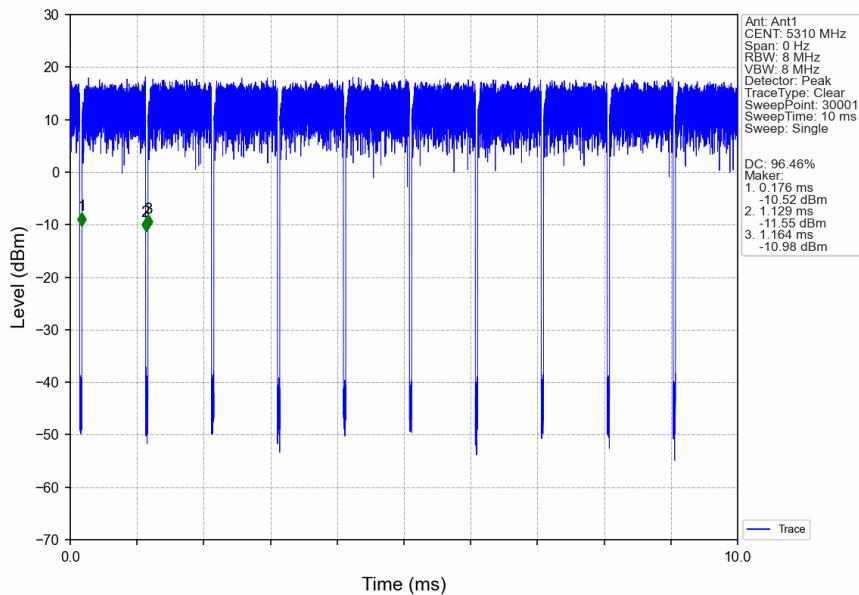
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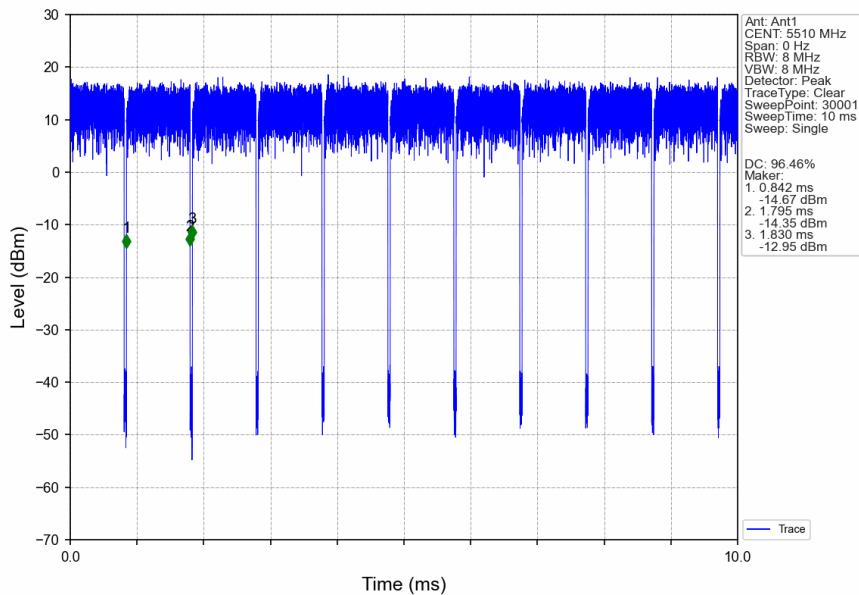
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### 802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV

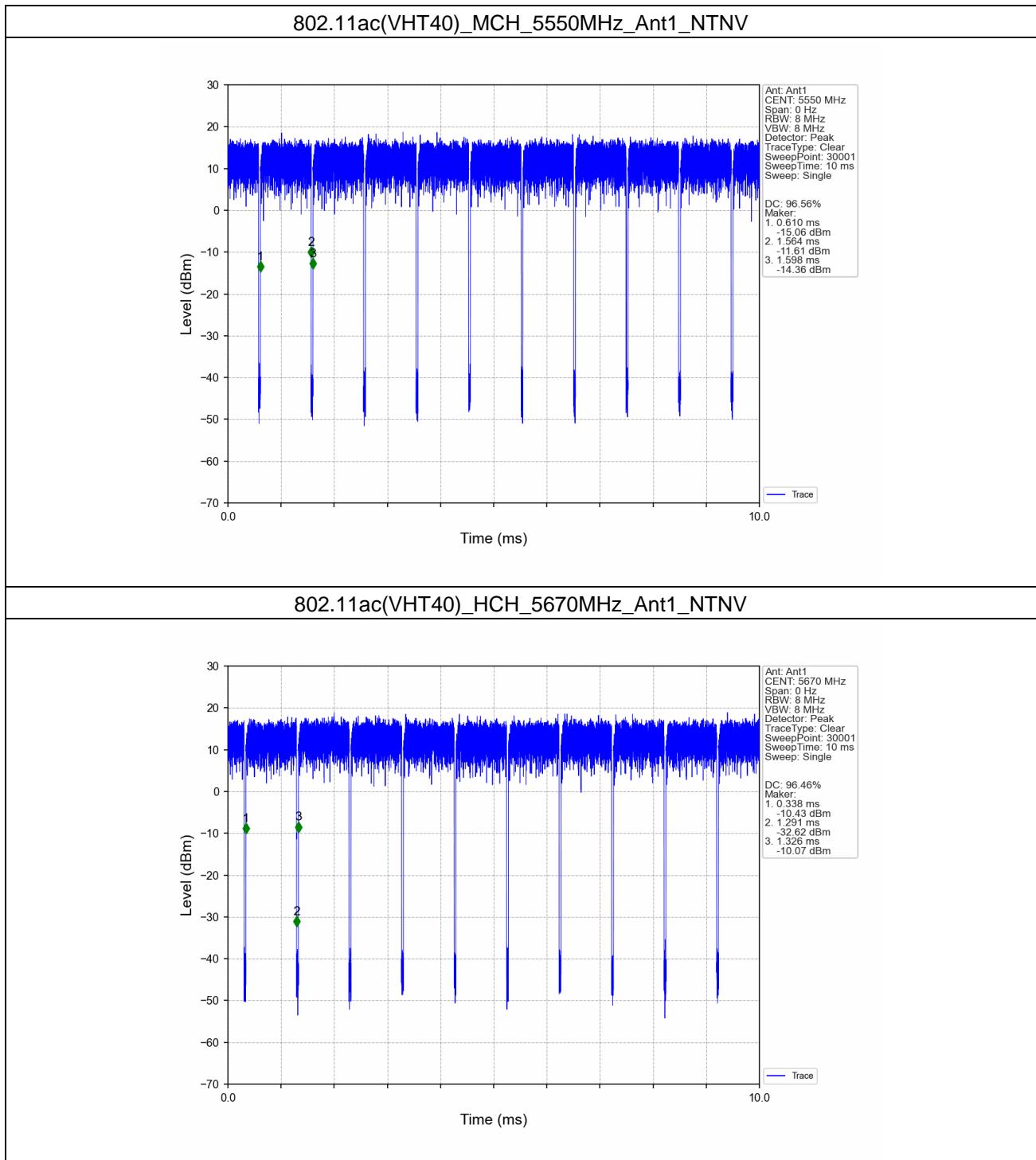


### 802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



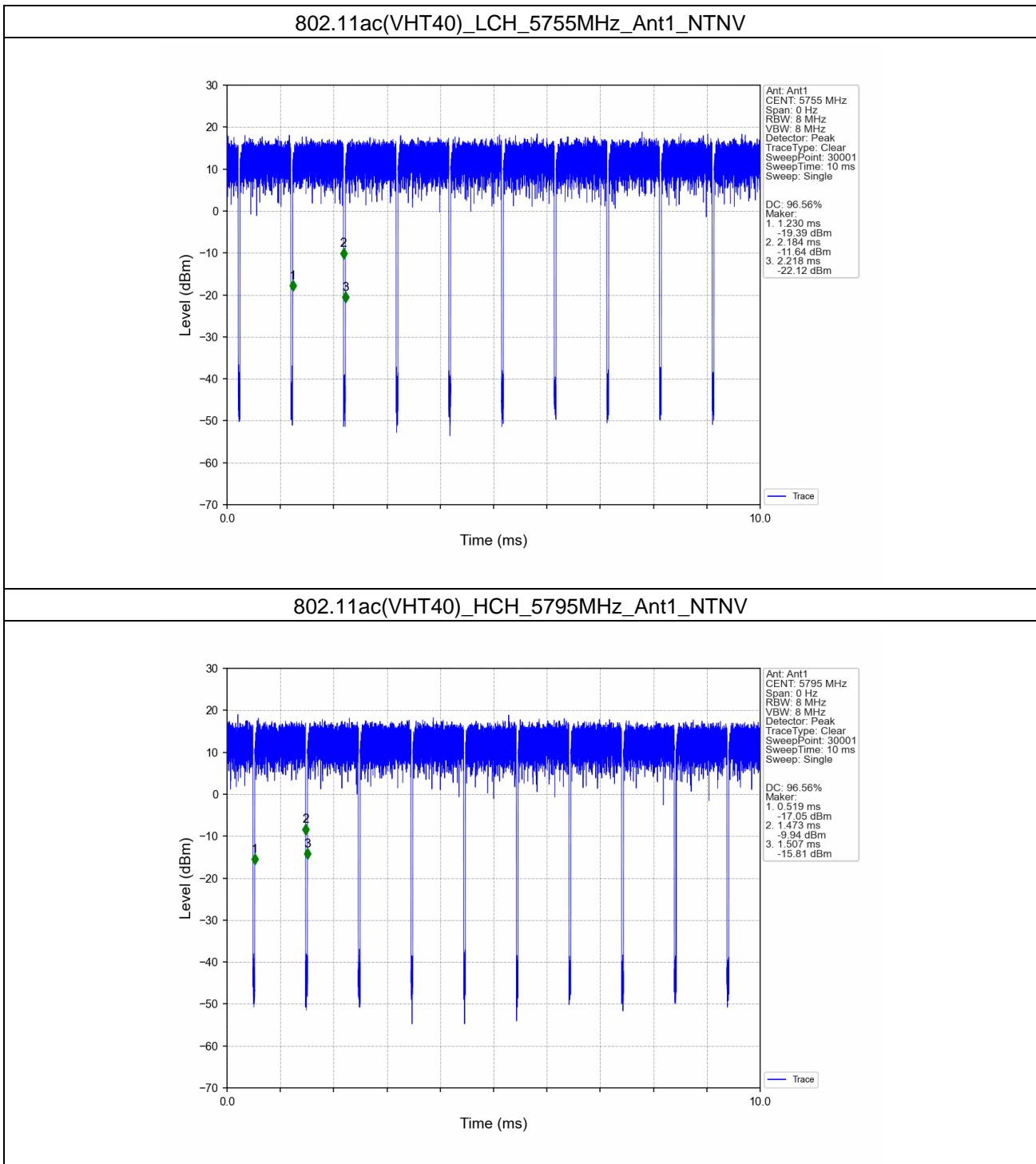
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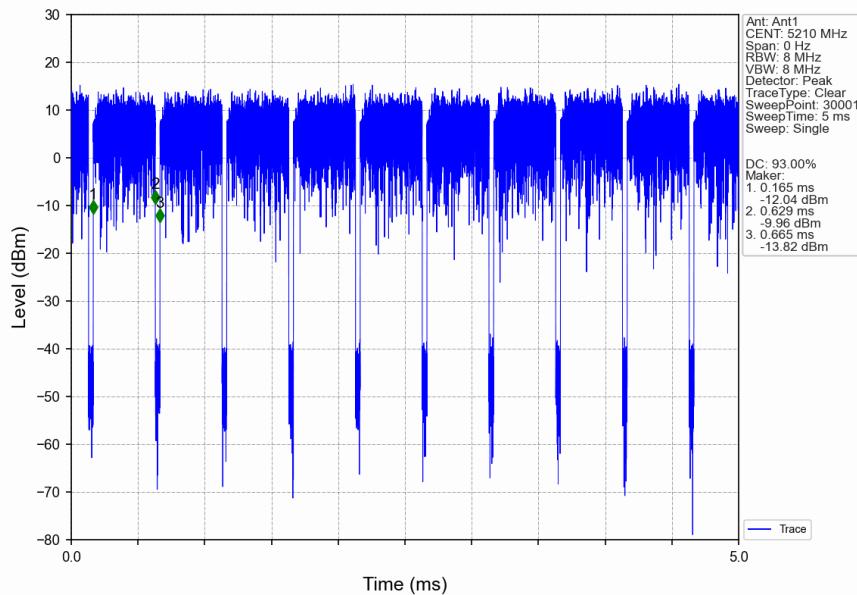
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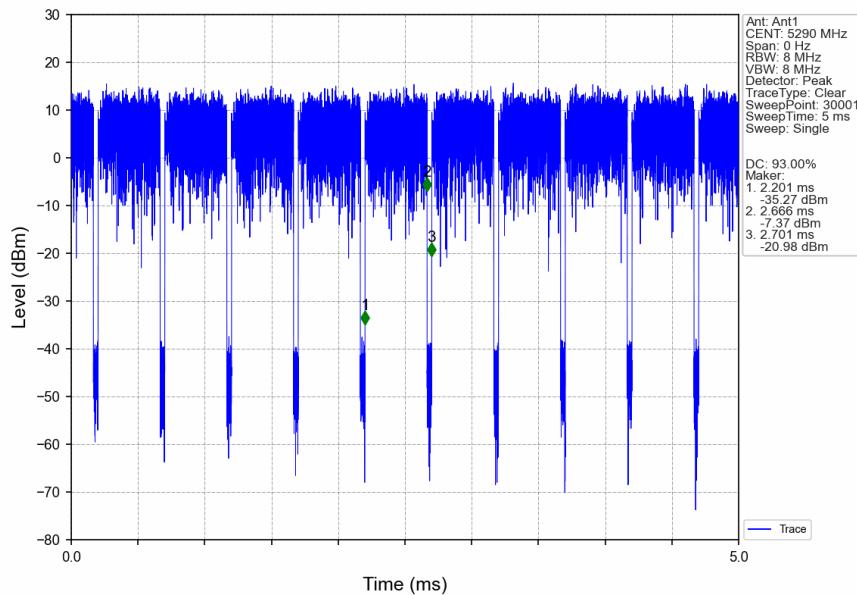
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### 802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV

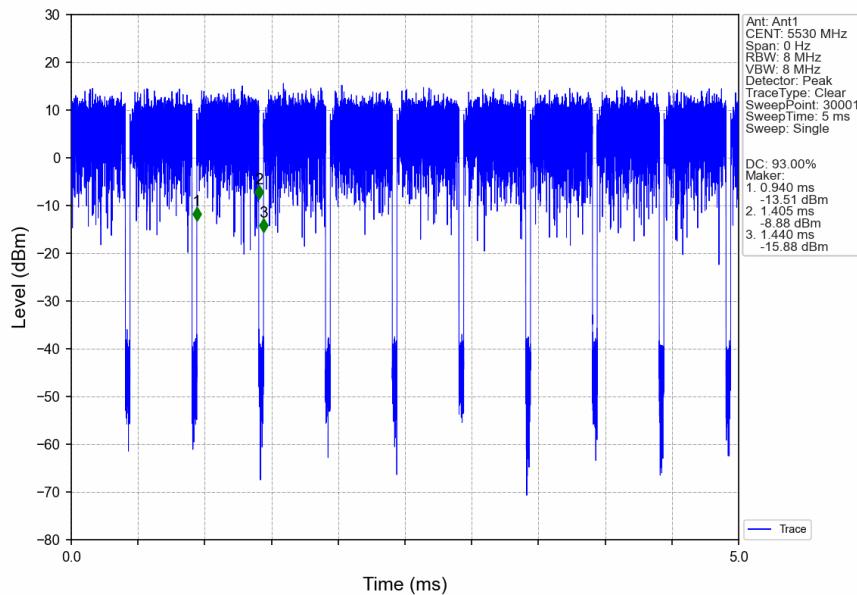
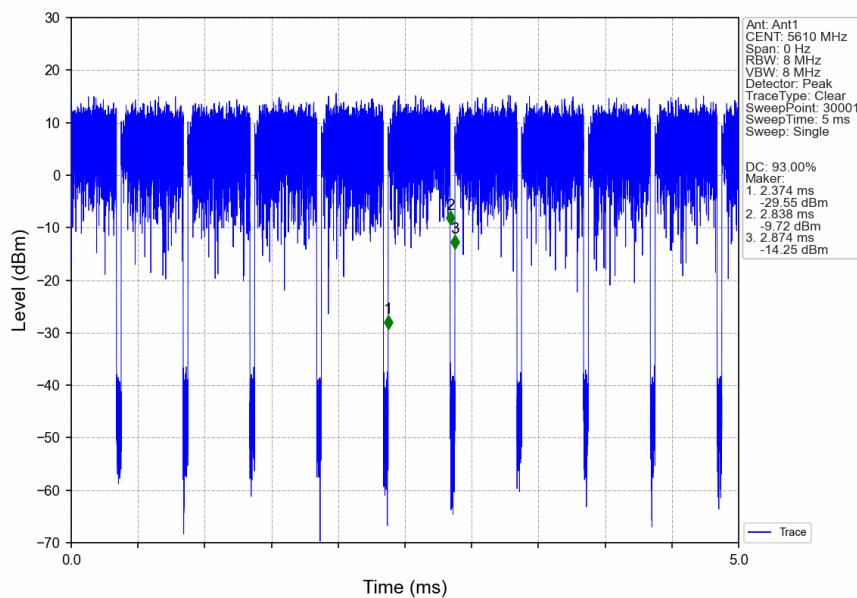


### 802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



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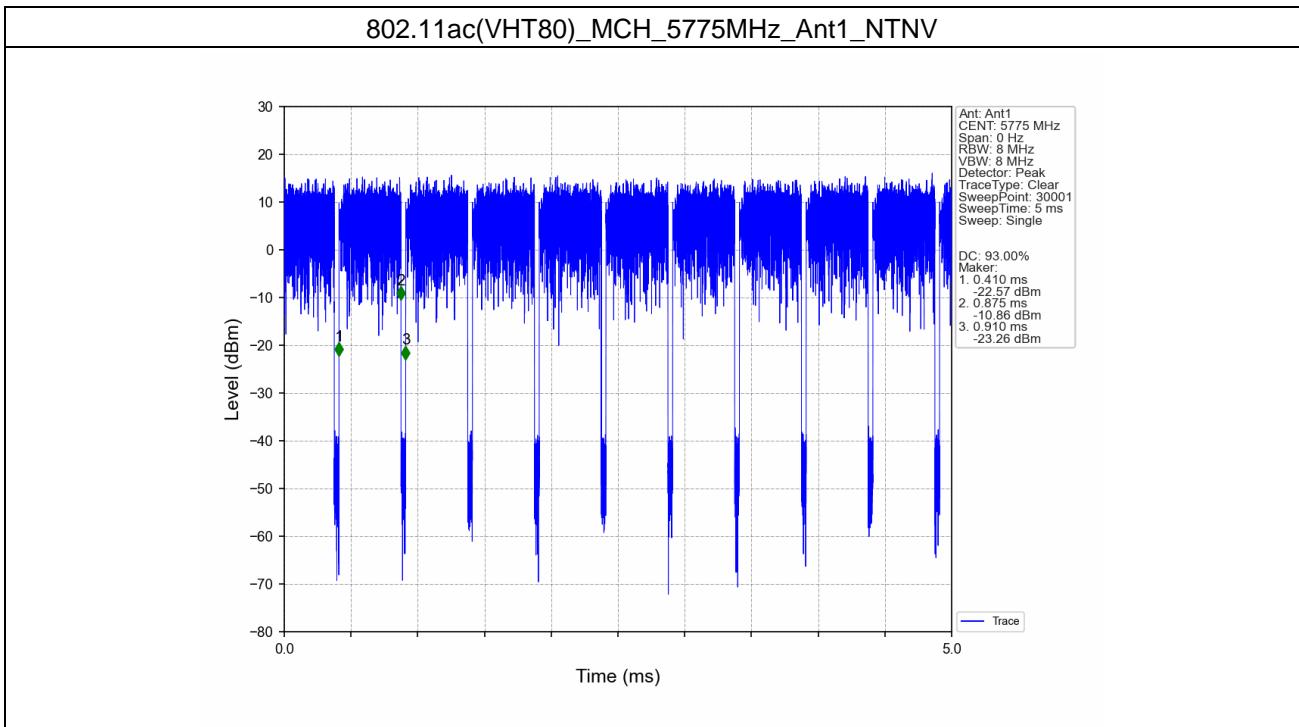
**802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV****802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV**

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## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	17.745	/	Pass
		5200	1	17.747	/	Pass
		5240	1	17.616	/	Pass
		5260	1	17.618	/	Pass
		5300	1	17.657	/	Pass
		5320	1	18.419	/	Pass
		5500	1	17.592	/	Pass
		5580	1	17.687	/	Pass
		5700	1	19.980	/	Pass
		5745	1	20.093	/	Pass
		5785	1	21.254	/	Pass
		5825	1	21.444	/	Pass
802.11n (HT20)	SISO	5180	1	18.905	/	Pass
		5200	1	18.828	/	Pass
		5240	1	18.691	/	Pass
		5260	1	18.721	/	Pass
		5300	1	18.705	/	Pass
		5320	1	19.338	/	Pass
		5500	1	18.763	/	Pass
		5580	1	18.831	/	Pass
		5700	1	18.844	/	Pass
		5745	1	19.086	/	Pass
		5785	1	19.394	/	Pass
		5825	1	19.691	/	Pass
802.11n (HT40)	SISO	5190	1	37.020	/	Pass
		5230	1	36.896	/	Pass
		5270	1	36.959	/	Pass
		5310	1	36.846	/	Pass
		5510	1	36.883	/	Pass
		5550	1	36.936	/	Pass
		5670	1	37.218	/	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500180905

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		5755	1	37.513	/	Pass
		5795	1	37.065	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.843	/	Pass
		5200	1	18.861	/	Pass
		5240	1	18.789	/	Pass
		5260	1	18.757	/	Pass
		5300	1	18.697	/	Pass
		5320	1	19.264	/	Pass
		5500	1	18.785	/	Pass
		5580	1	18.745	/	Pass
		5700	1	18.863	/	Pass
		5745	1	18.999	/	Pass
		5785	1	19.289	/	Pass
		5825	1	19.673	/	Pass
		5190	1	36.802	/	Pass
		5230	1	36.746	/	Pass
802.11ac (VHT40)	SISO	5270	1	36.762	/	Pass
		5310	1	36.807	/	Pass
		5510	1	36.787	/	Pass
		5550	1	36.747	/	Pass
		5670	1	36.766	/	Pass
		5755	1	36.918	/	Pass
		5795	1	37.056	/	Pass
		5210	1	76.074	/	Pass
		5290	1	76.570	/	Pass
802.11ac (VHT80)	SISO	5530	1	76.558	/	Pass
		5610	1	76.465	/	Pass
		5775	1	76.900	/	Pass

## 2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	26.423	/	Pass
		5200	1	25.837	/	Pass
		5240	1	28.179	/	Pass
		5260	1	26.032	/	Pass
		5300	1	25.753	/	Pass
		5320	1	30.180	/	Pass
		5500	1	26.732	/	Pass

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

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500180905

Page: 173 of 289

		5580	1	27.146	/	Pass
		5700	1	34.586	/	Pass
802.11n (HT20)	SISO	5180	1	26.443	/	Pass
		5200	1	28.506	/	Pass
		5240	1	27.919	/	Pass
		5260	1	27.549	/	Pass
		5300	1	26.802	/	Pass
		5320	1	30.574	/	Pass
		5500	1	26.720	/	Pass
		5580	1	26.970	/	Pass
		5700	1	28.067	/	Pass
		5190	1	61.109	/	Pass
802.11n (HT40)	SISO	5230	1	66.785	/	Pass
		5270	1	49.872	/	Pass
		5310	1	57.771	/	Pass
		5510	1	52.165	/	Pass
		5550	1	49.538	/	Pass
		5670	1	65.020	/	Pass
		5180	1	28.945	/	Pass
802.11ac (VHT20)	SISO	5200	1	27.904	/	Pass
		5240	1	26.921	/	Pass
		5260	1	28.430	/	Pass
		5300	1	28.858	/	Pass
		5320	1	29.133	/	Pass
		5500	1	27.916	/	Pass
		5580	1	28.018	/	Pass
		5700	1	28.390	/	Pass
		5190	1	45.620	/	Pass
802.11ac (VHT40)	SISO	5230	1	47.390	/	Pass
		5270	1	41.817	/	Pass
		5310	1	41.783	/	Pass
		5510	1	44.546	/	Pass
		5550	1	41.847	/	Pass
		5670	1	41.525	/	Pass
		5210	1	85.416	/	Pass
802.11ac (VHT80)	SISO	5290	1	103.011	/	Pass
		5530	1	102.792	/	Pass
		5610	1	98.199	/	Pass

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**2.1.3 6dB BW**

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.016	>=0.5	Pass
		5785	1	15.560	>=0.5	Pass
		5825	1	16.351	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	16.738	>=0.5	Pass
		5785	1	16.887	>=0.5	Pass
		5825	1	15.919	>=0.5	Pass
802.11n (HT40)	SISO	5755	1	35.480	>=0.5	Pass
		5795	1	36.026	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	1	16.864	>=0.5	Pass
		5785	1	17.273	>=0.5	Pass
		5825	1	15.401	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.766	>=0.5	Pass
		5795	1	36.350	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.149	>=0.5	Pass

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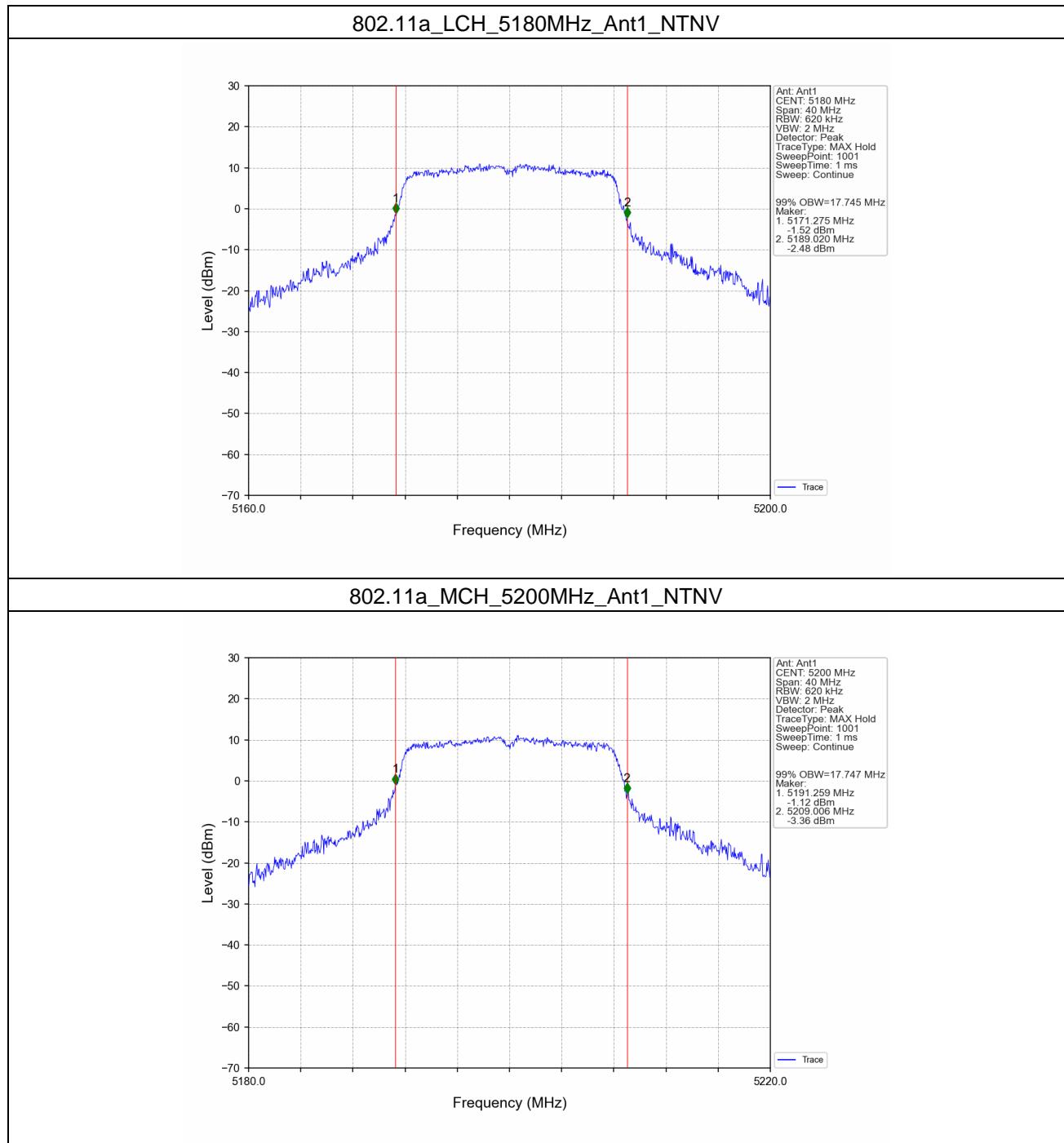
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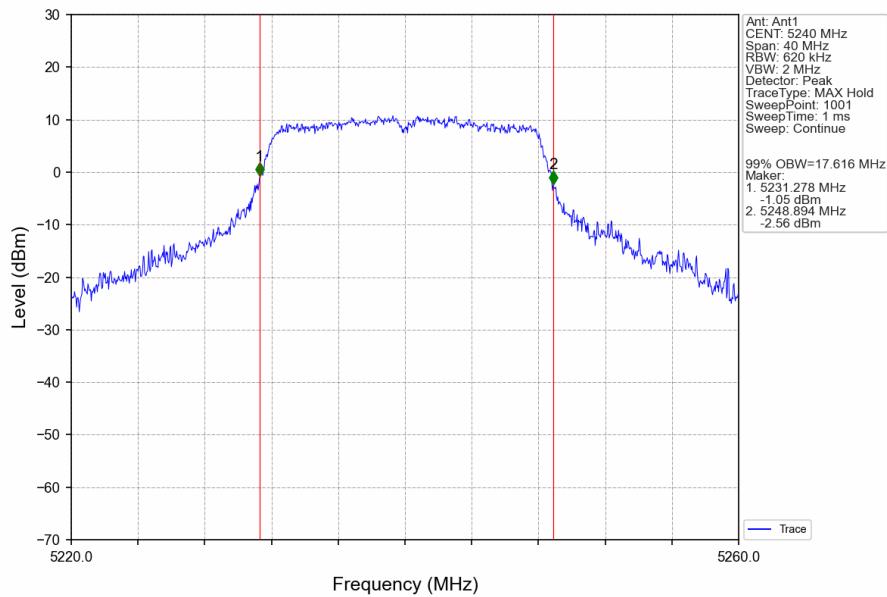
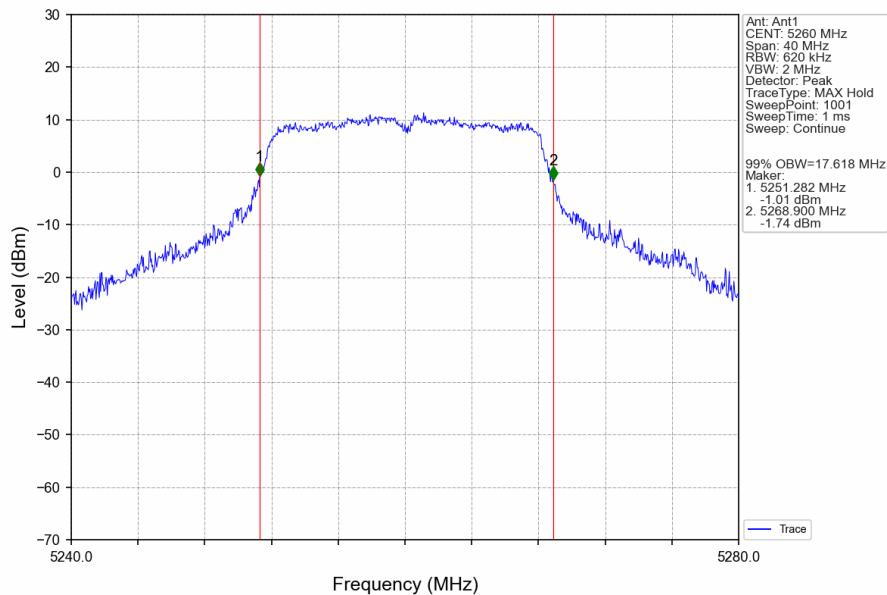
## 2.2 Test Graph

### 2.2.1 OBW



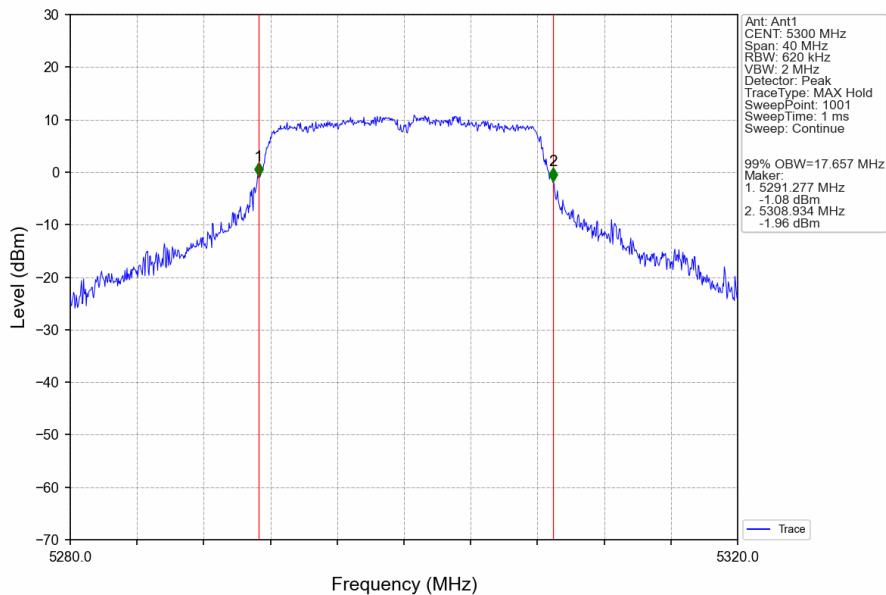
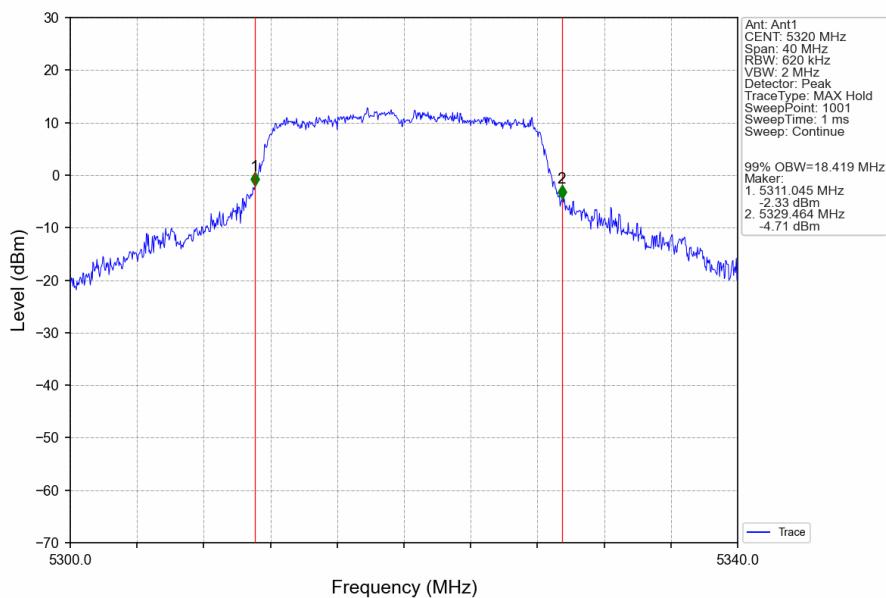
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**802.11a\_HCH\_5240MHz\_Ant1\_NTNV****802.11a\_LCH\_5260MHz\_Ant1\_NTNV**

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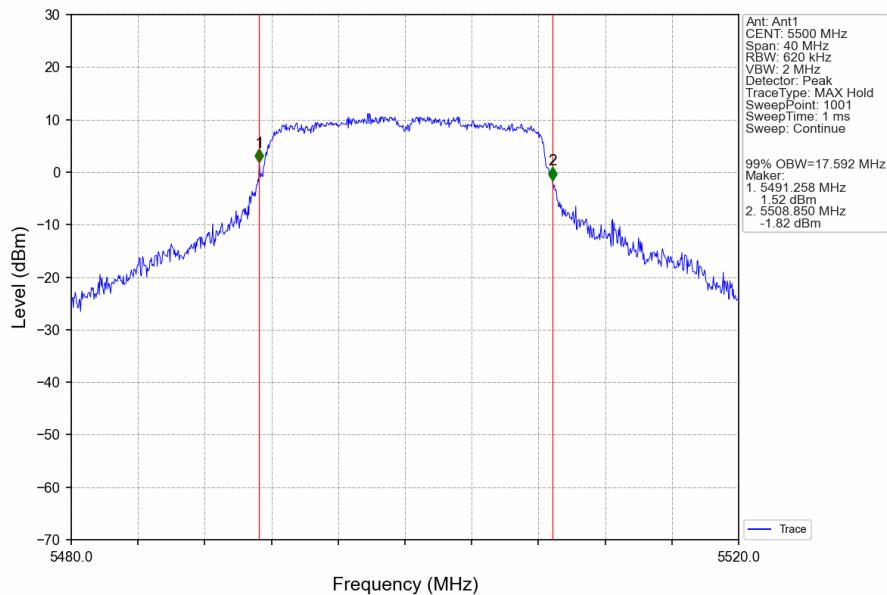
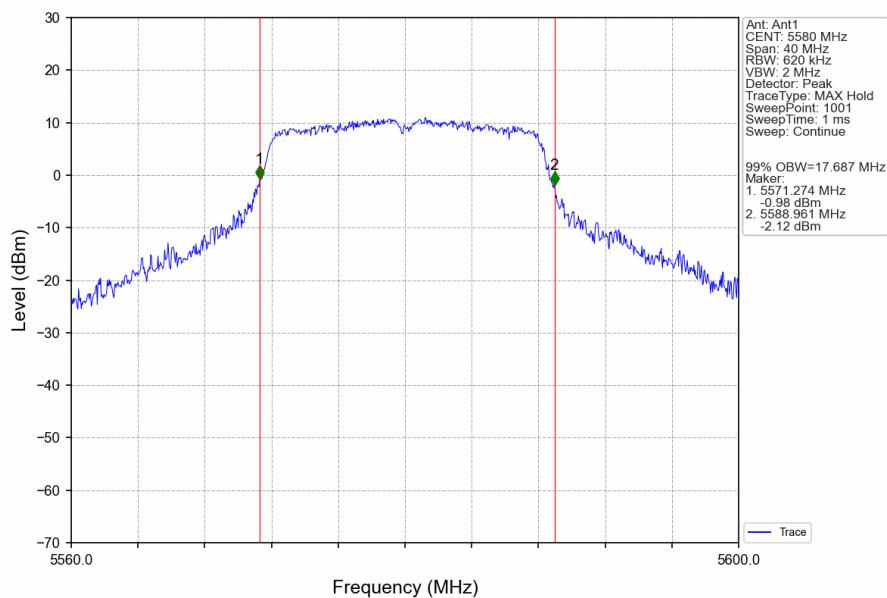
**802.11a\_MCH\_5300MHz\_Ant1\_NTNV****802.11a\_HCH\_5320MHz\_Ant1\_NTNV**

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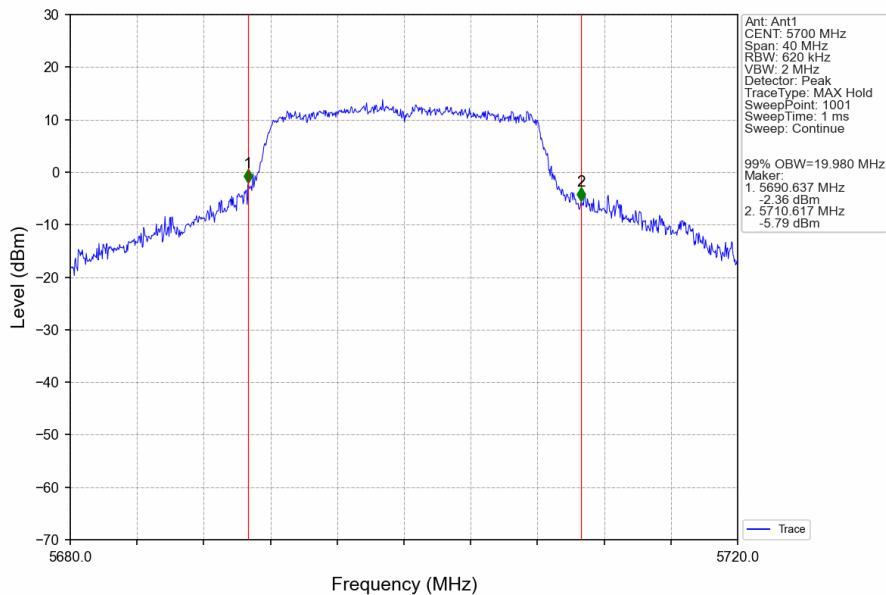
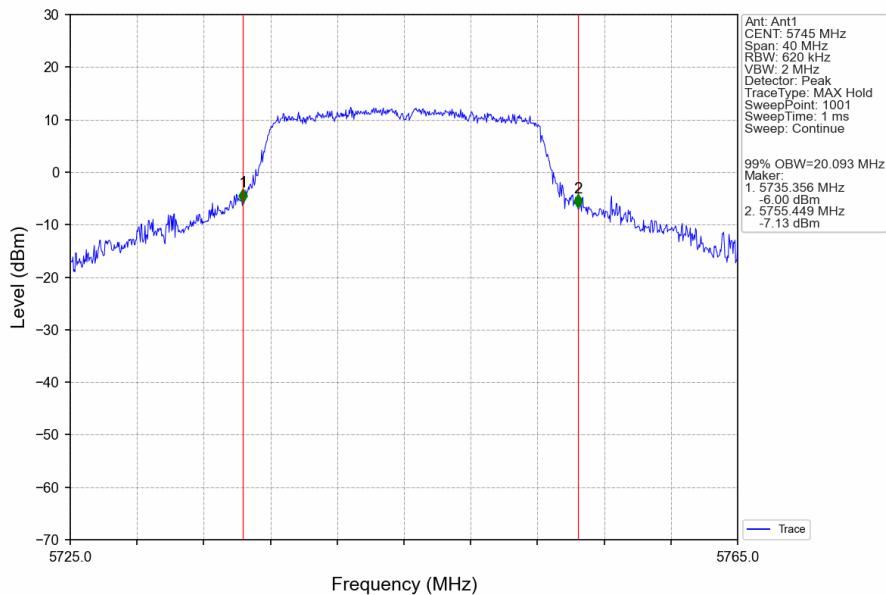
**802.11a\_LCH\_5500MHz\_Ant1\_NTNV****802.11a\_MCH\_5580MHz\_Ant1\_NTNV**

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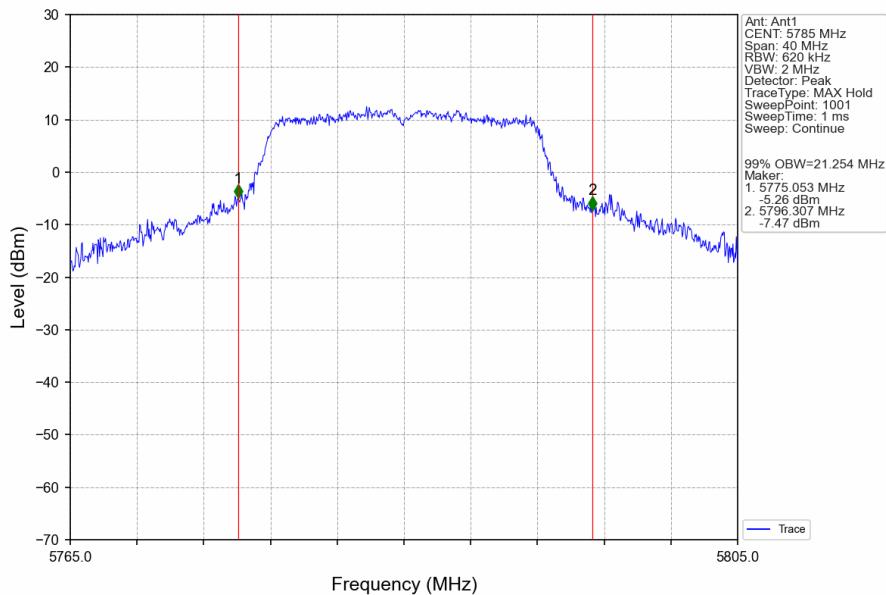
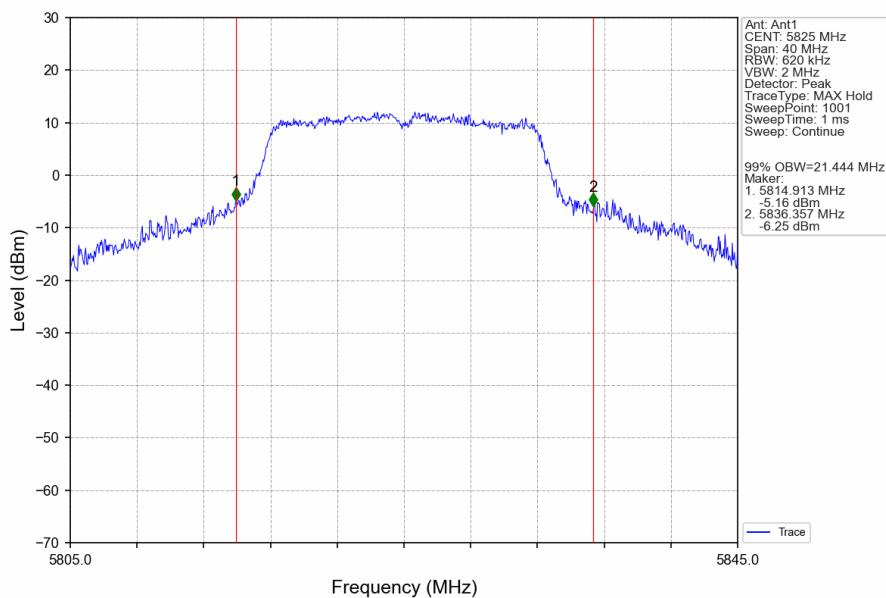
**802.11a\_HCH\_5700MHz\_Ant1\_NTNV****802.11a\_LCH\_5745MHz\_Ant1\_NTNV**

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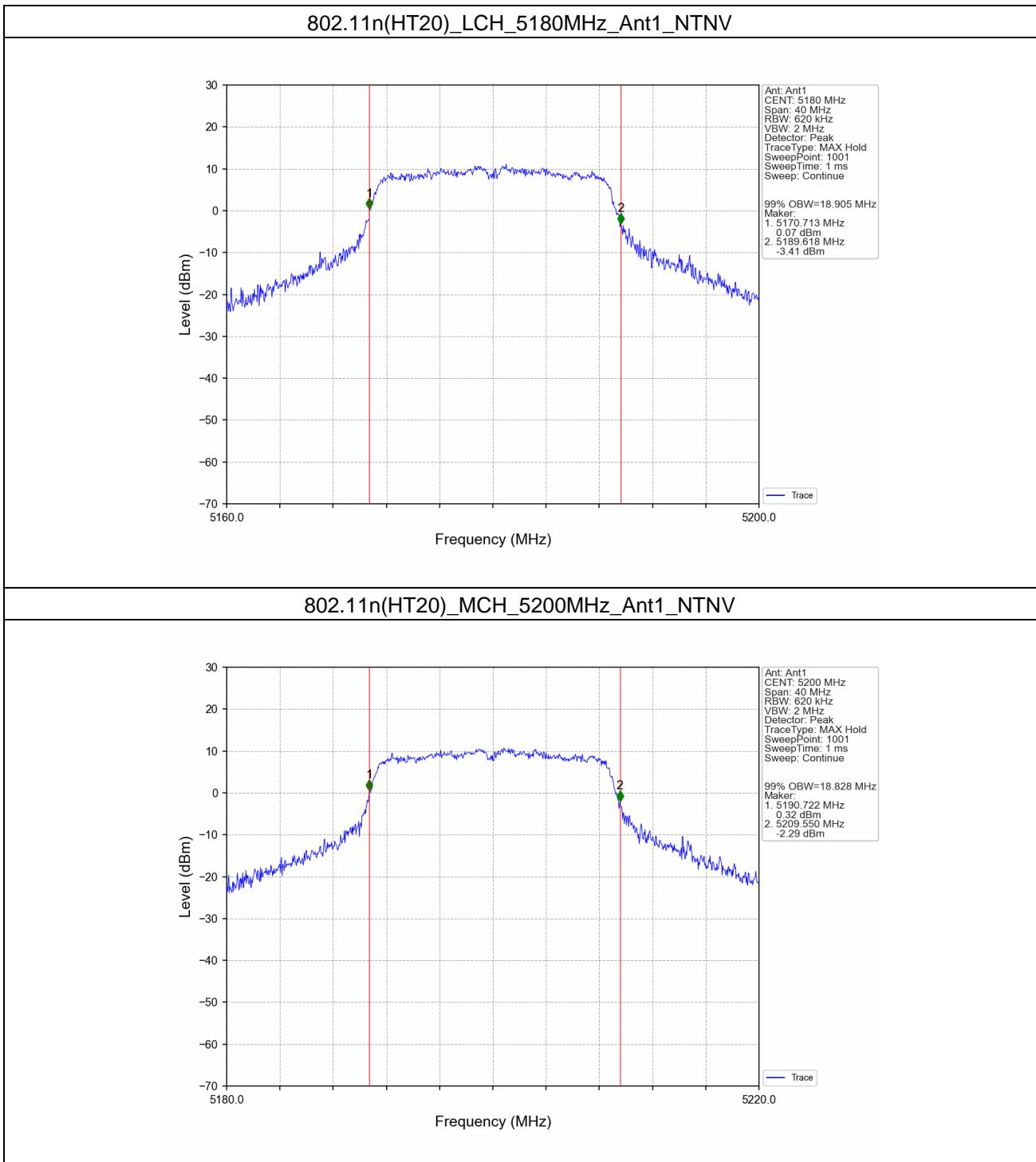


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**802.11a\_MCH\_5785MHz\_Ant1\_NTNV****802.11a\_HCH\_5825MHz\_Ant1\_NTNV**

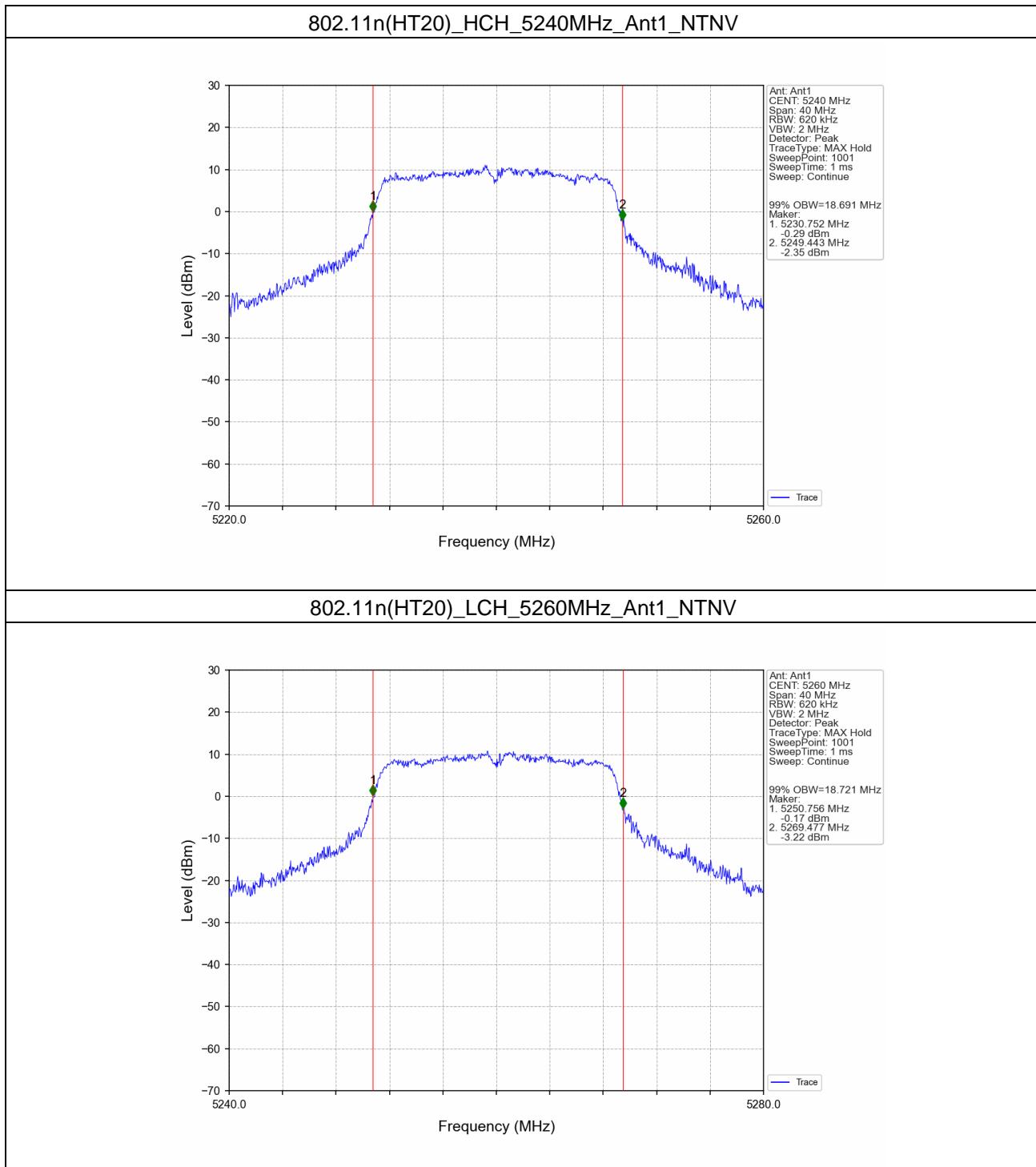
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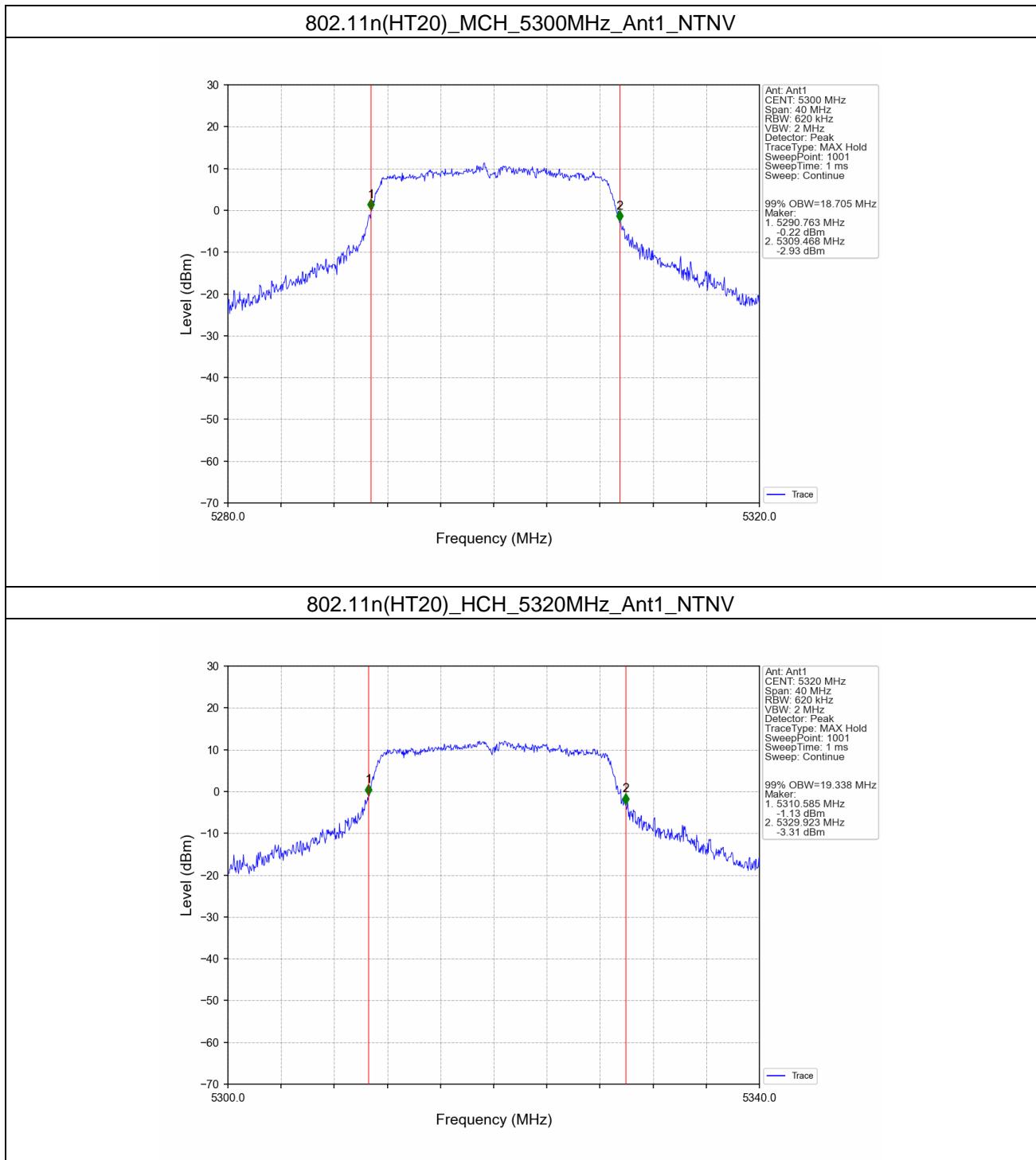
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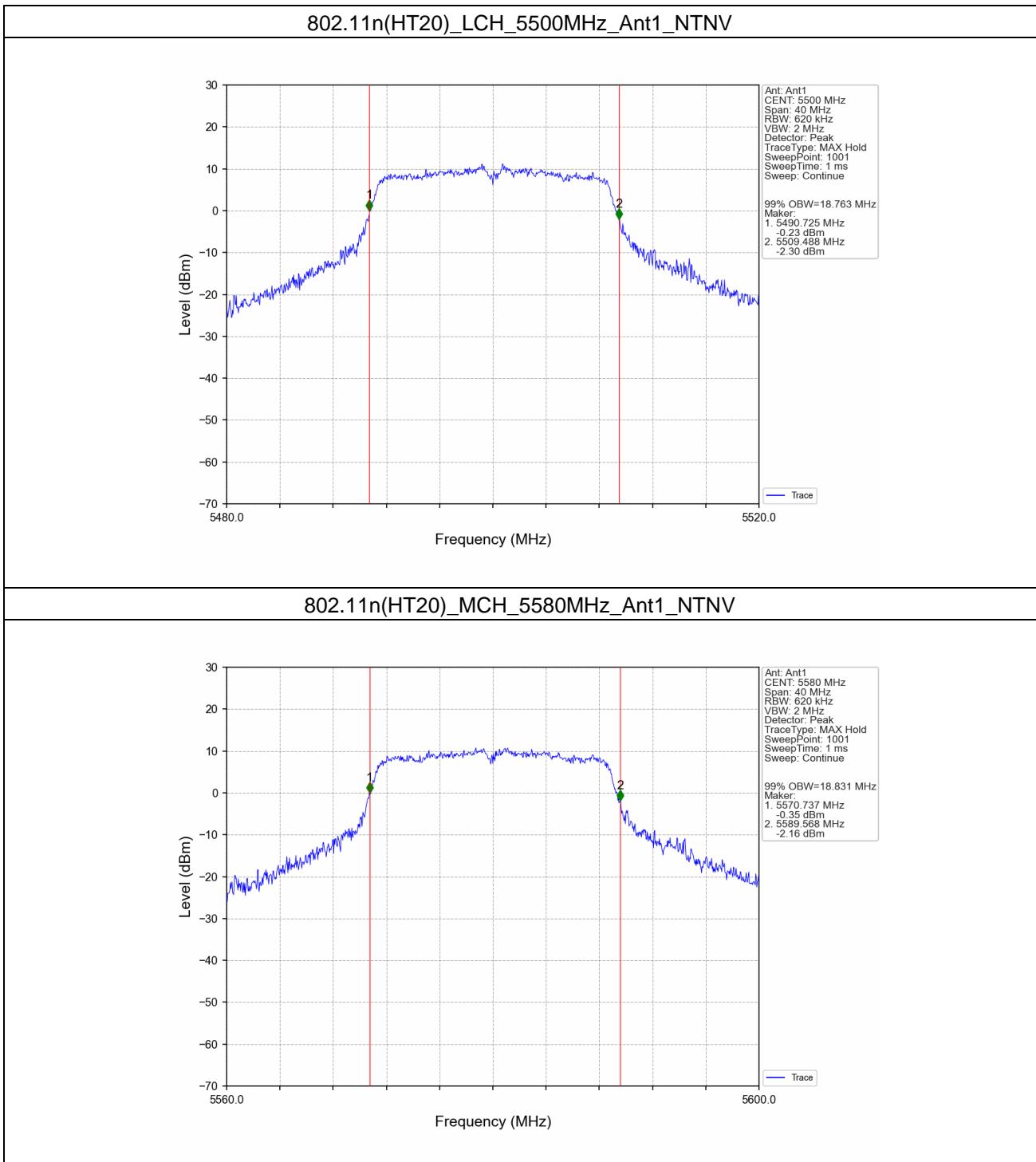
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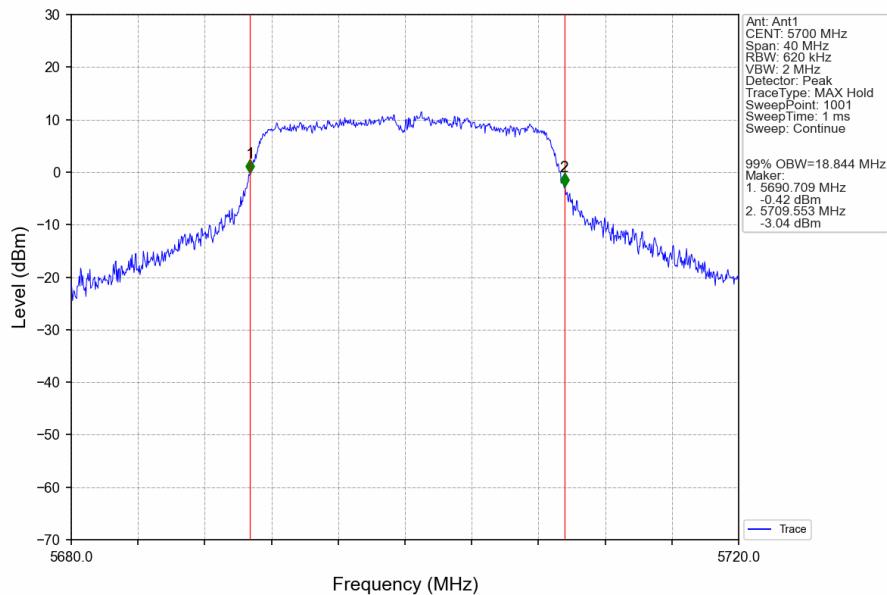
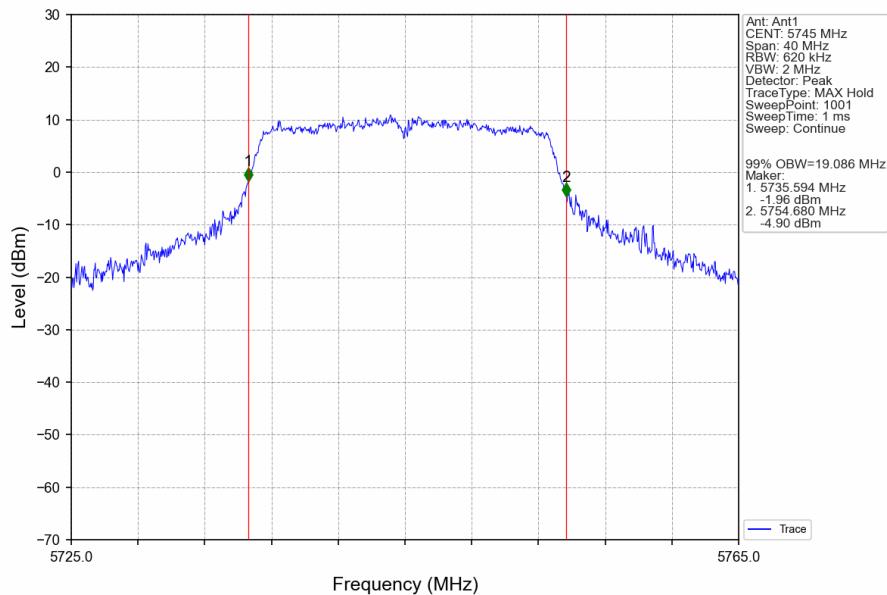


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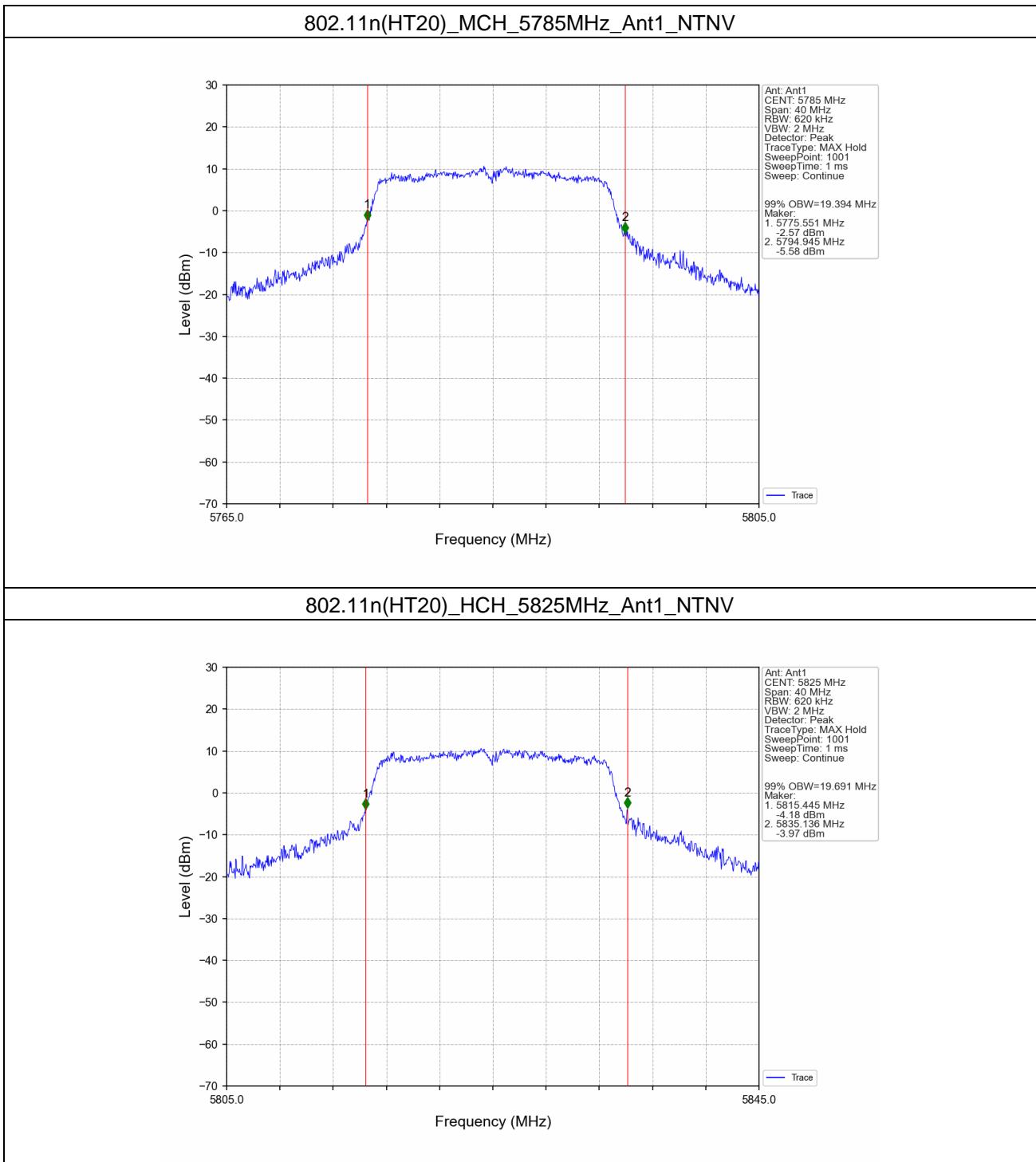
**802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV****802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV**

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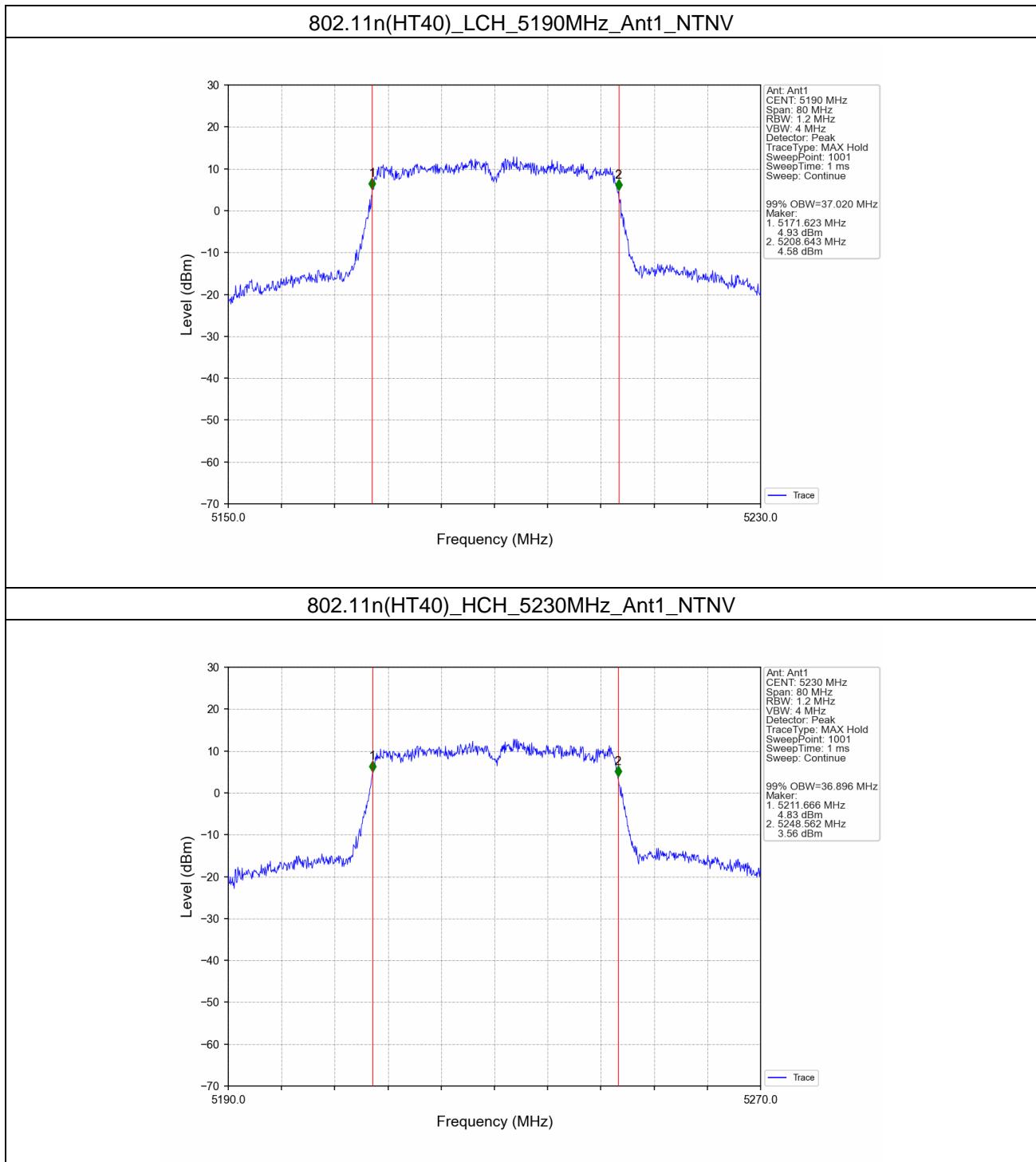


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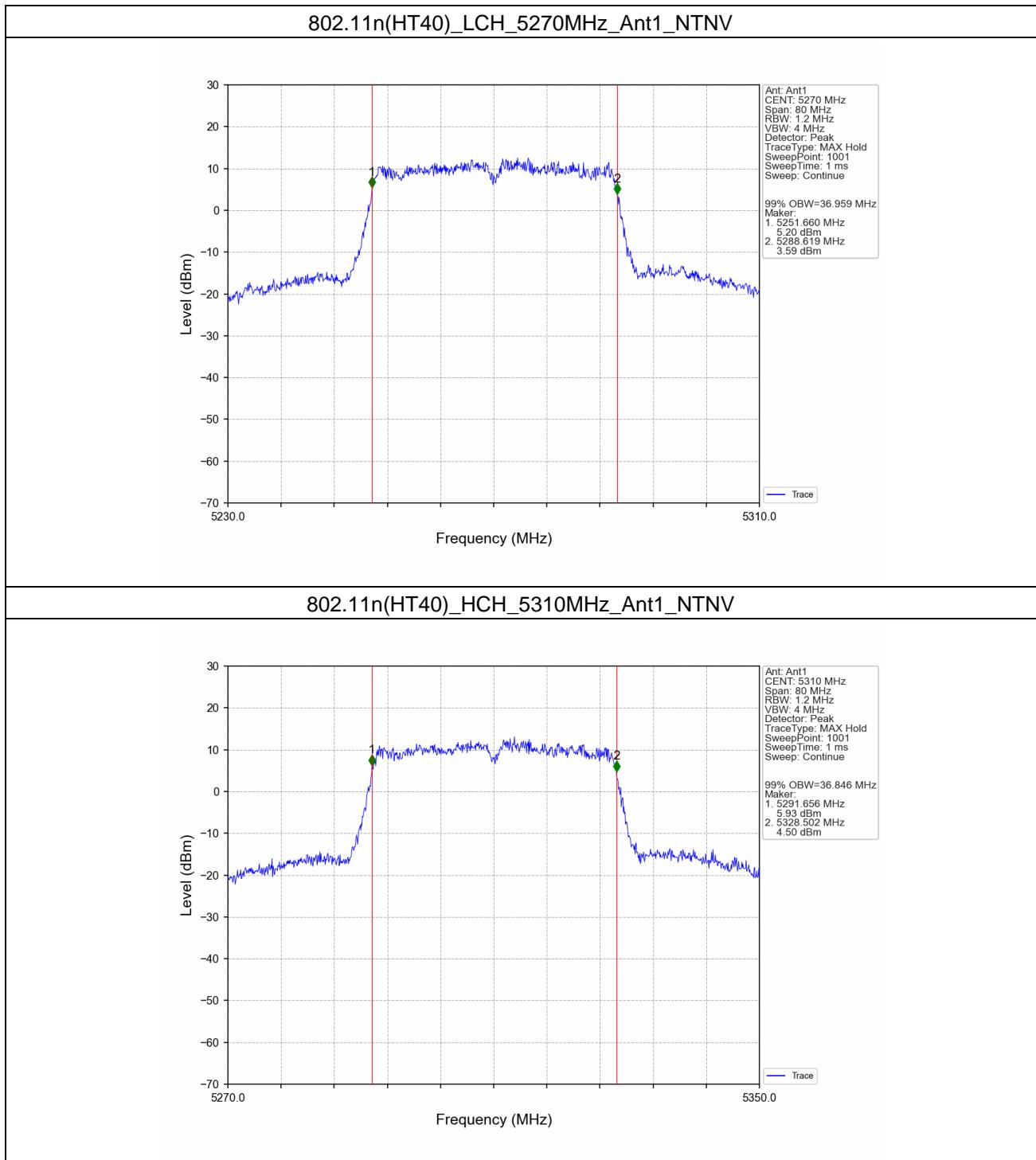
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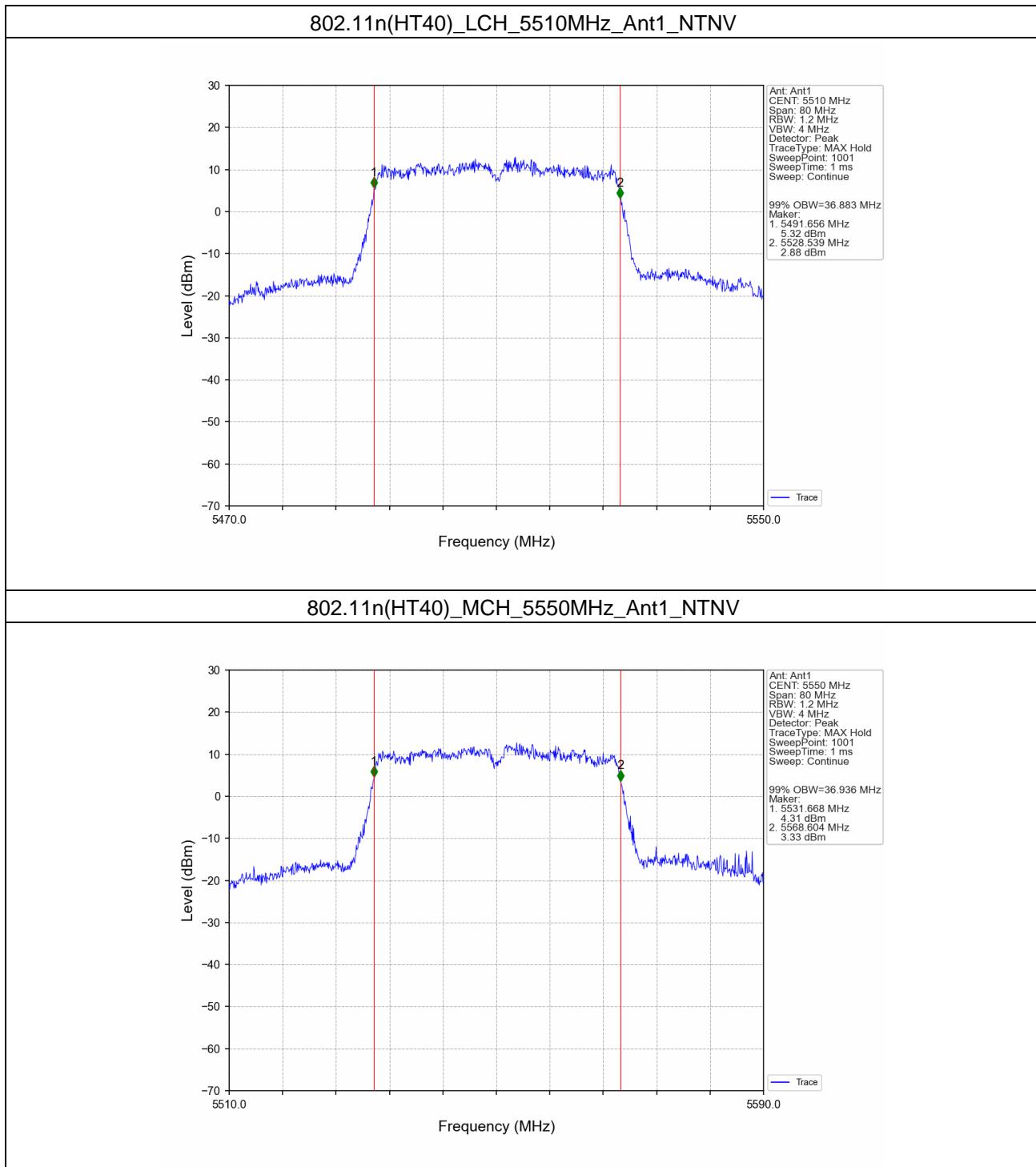
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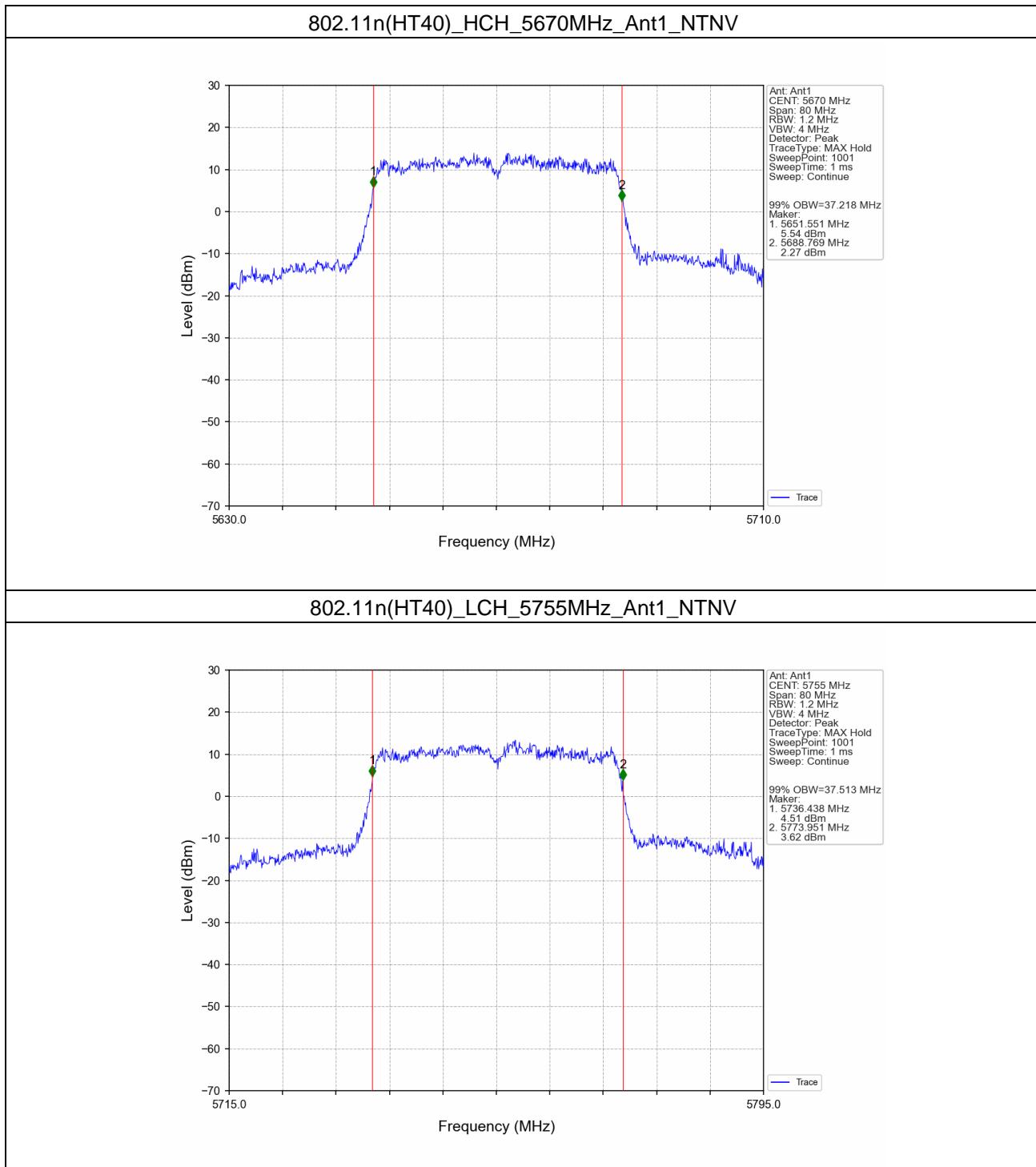
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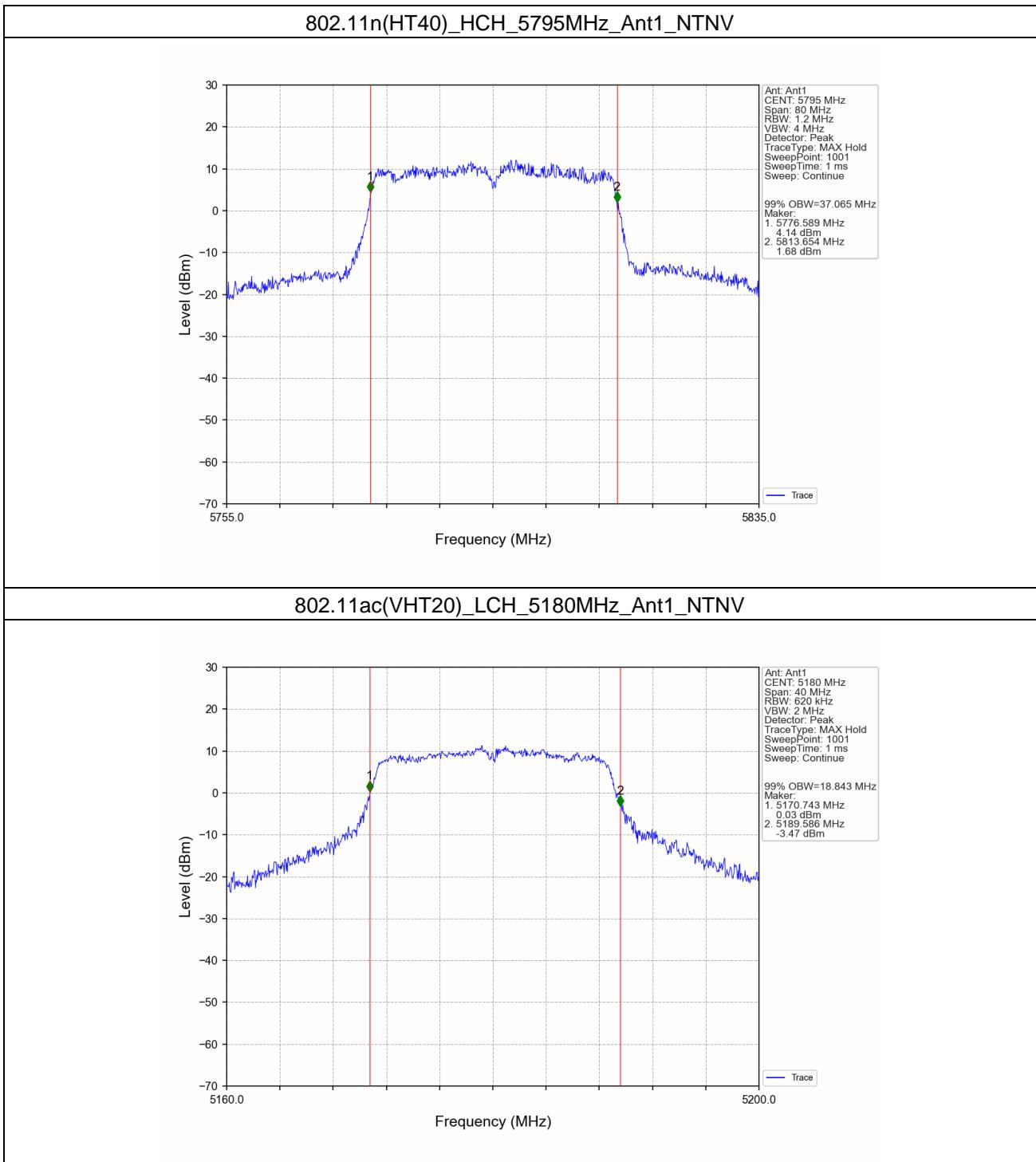
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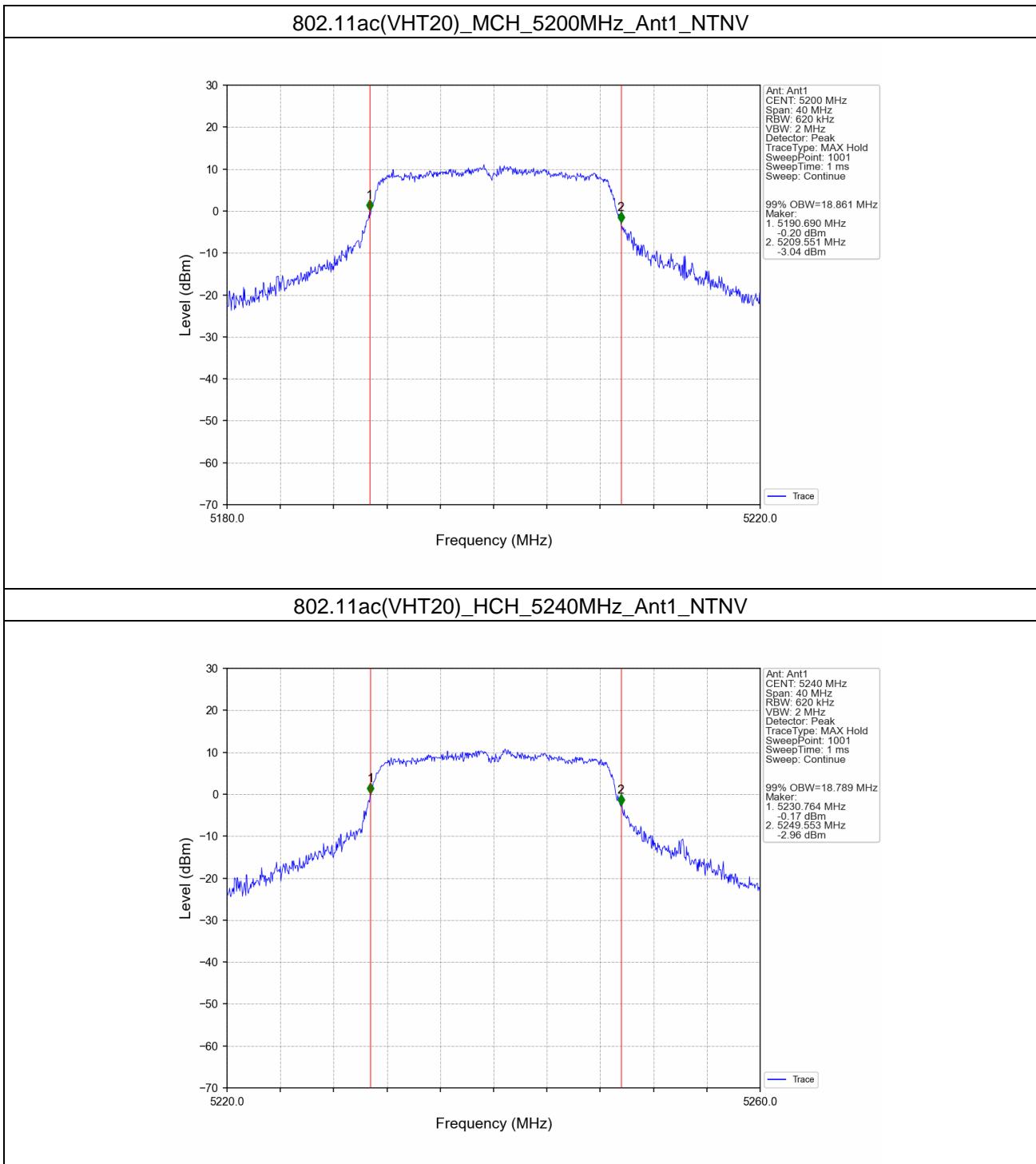
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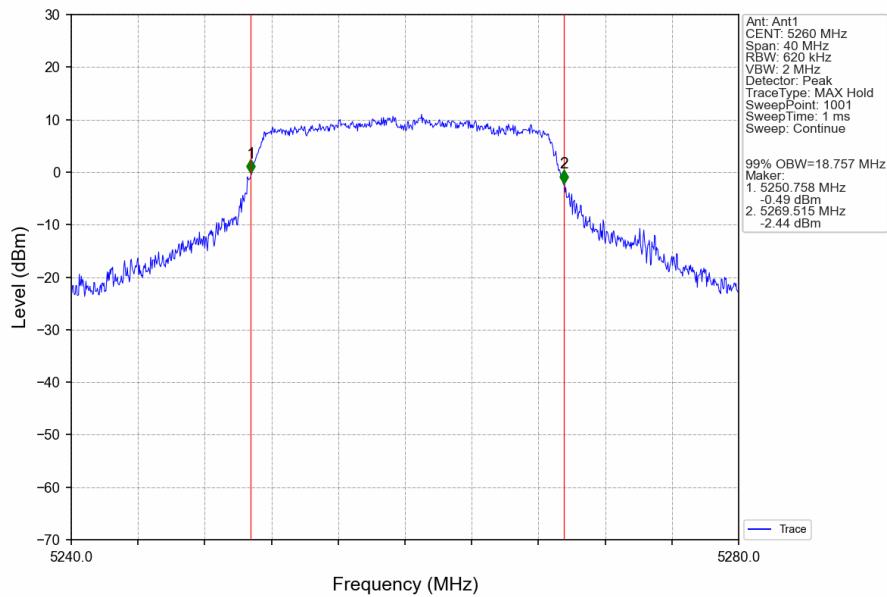
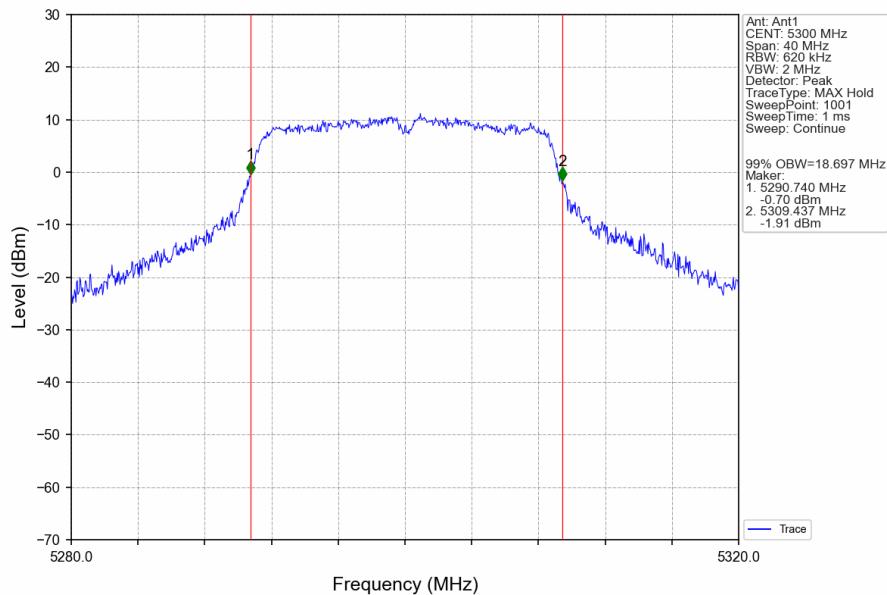
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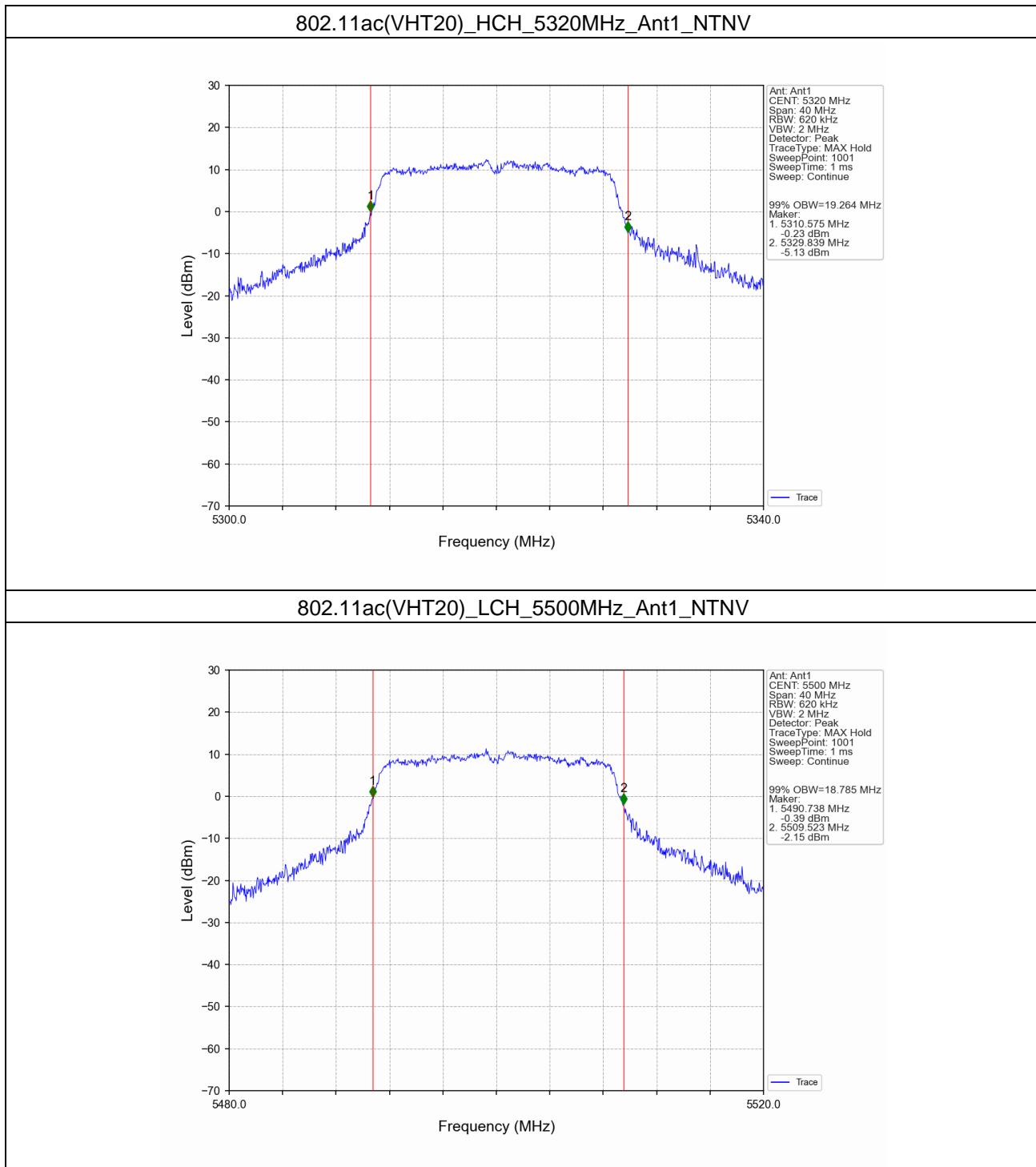
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**802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV****802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV**

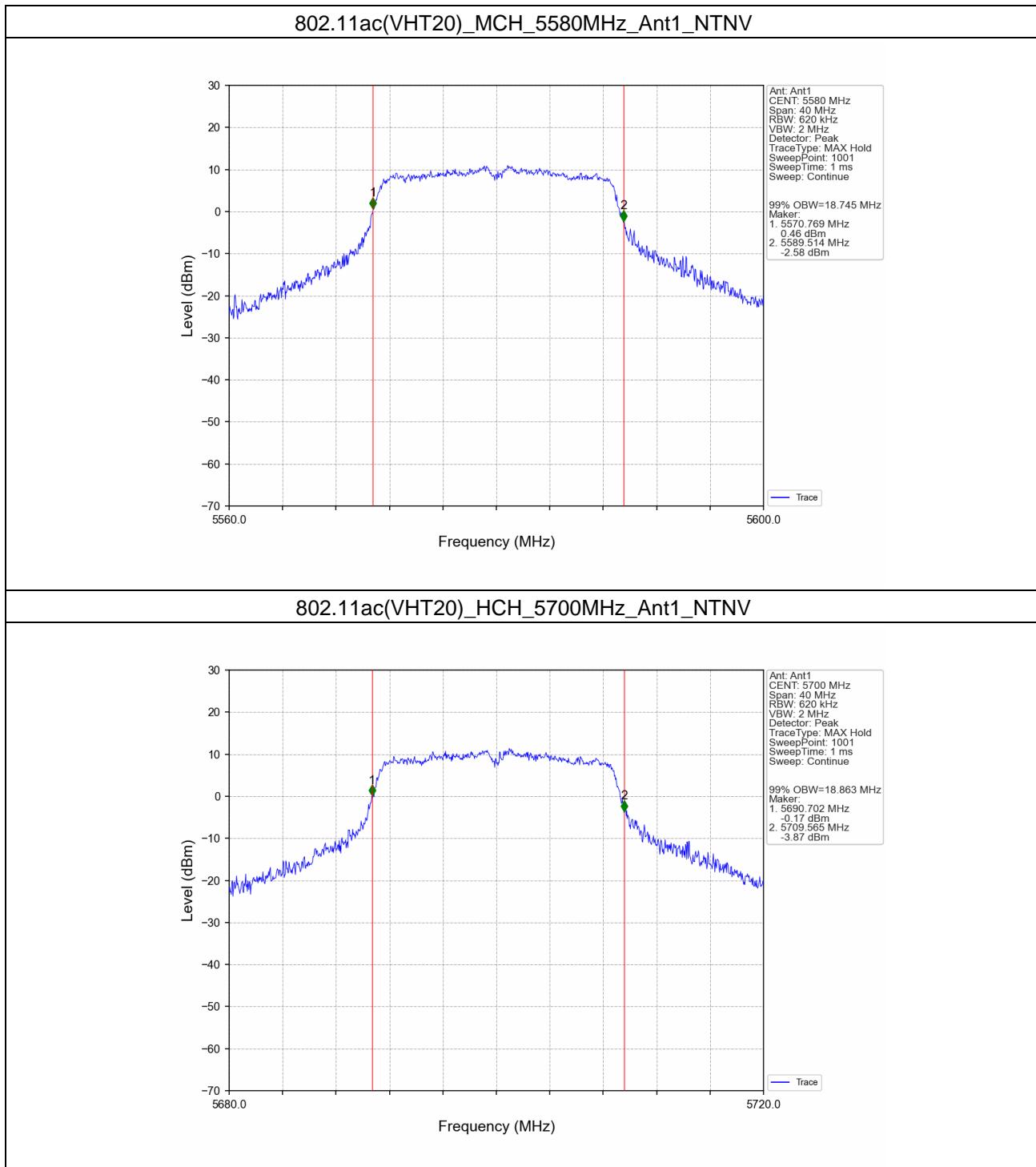
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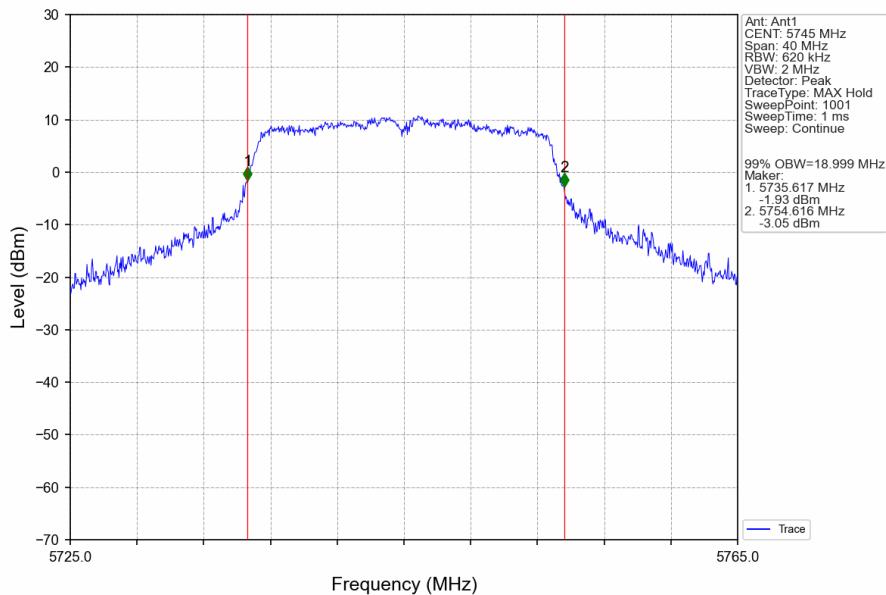
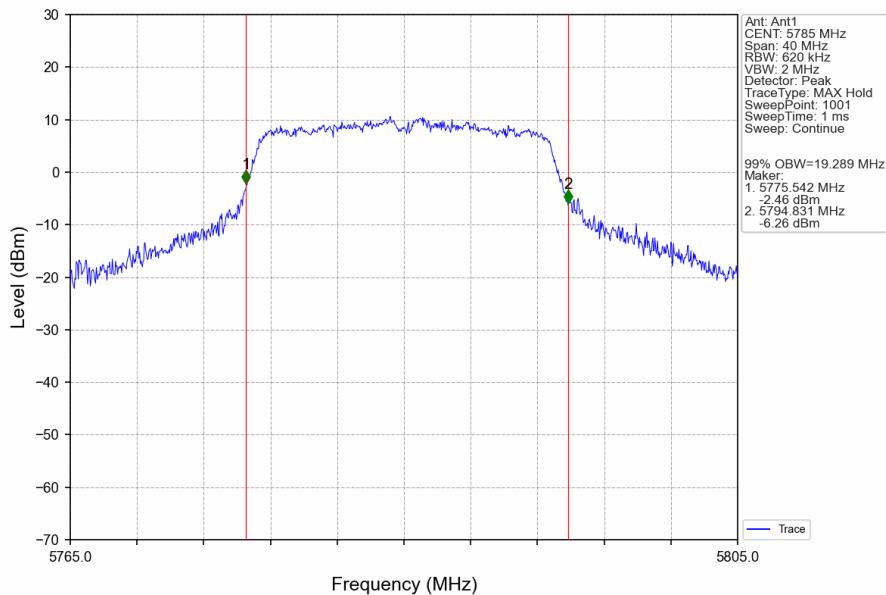
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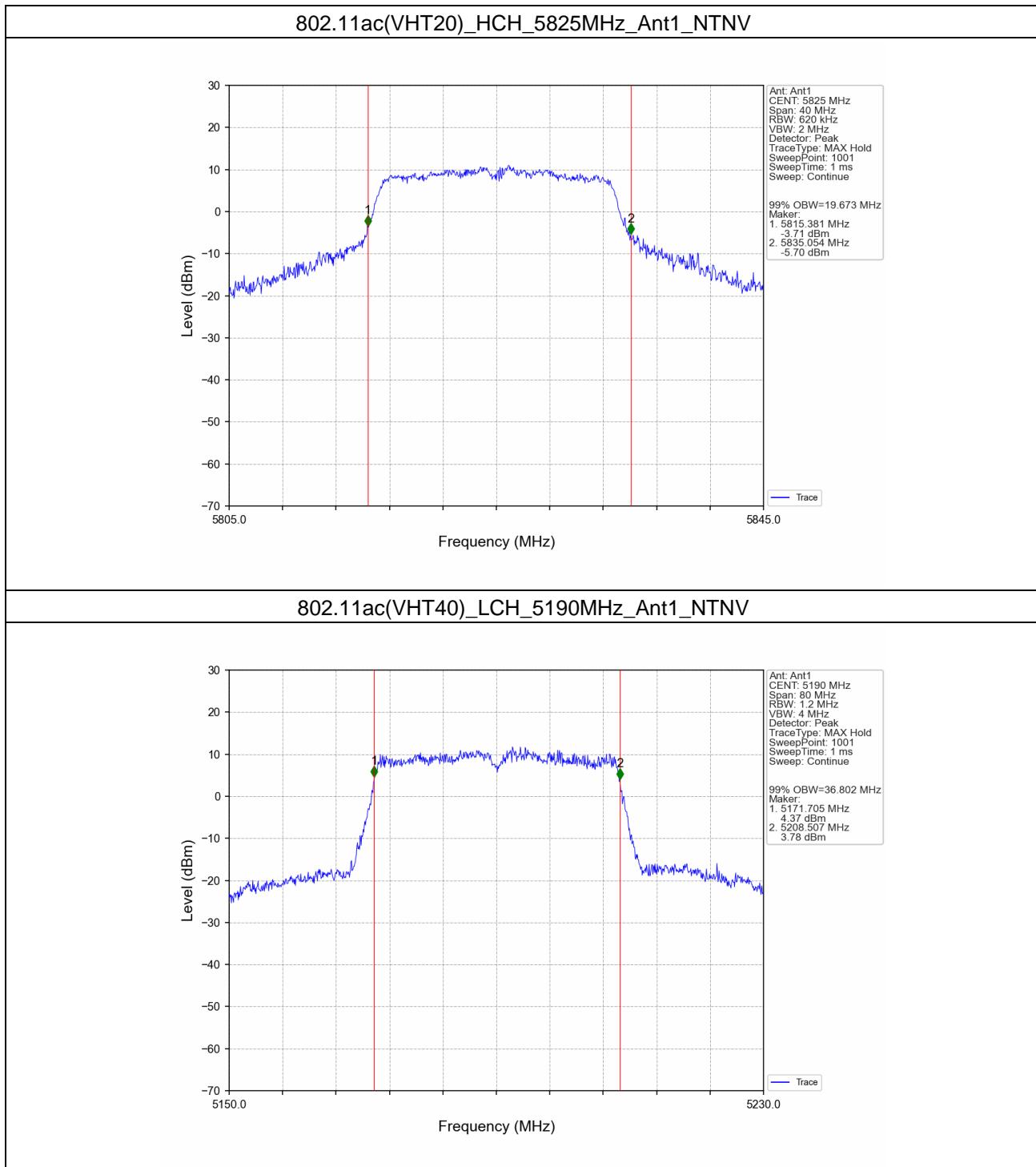
**802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV****802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV**

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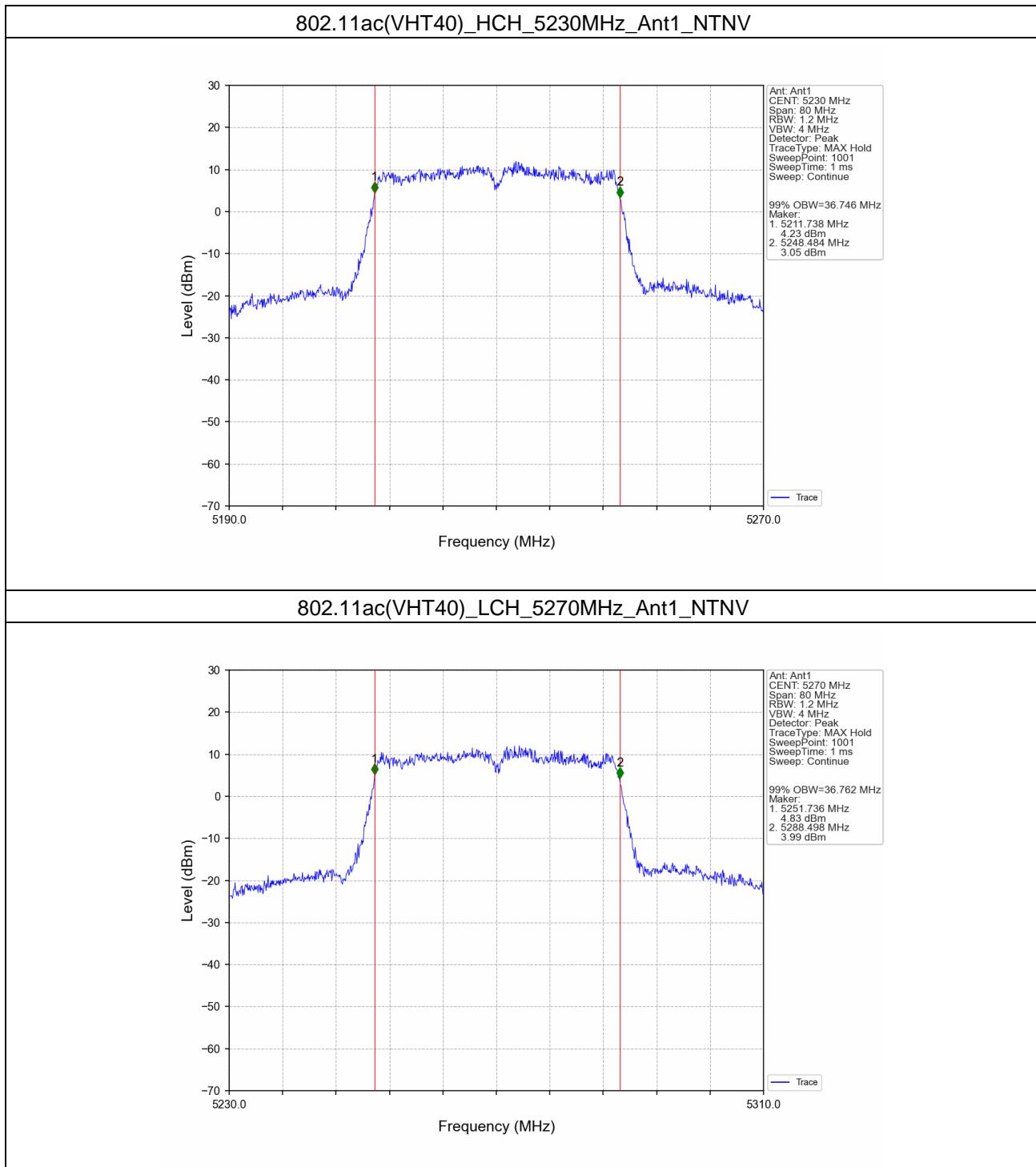


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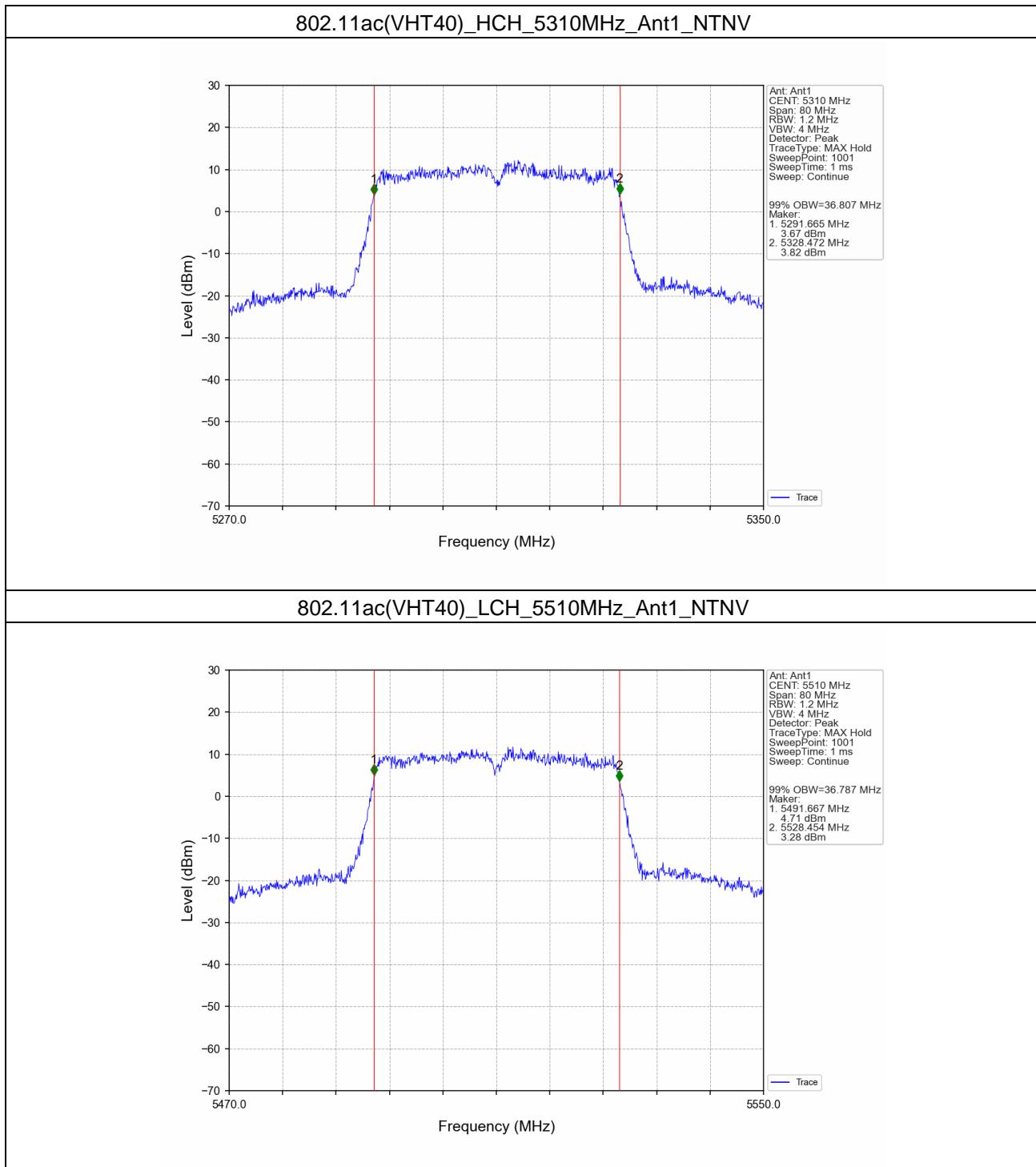


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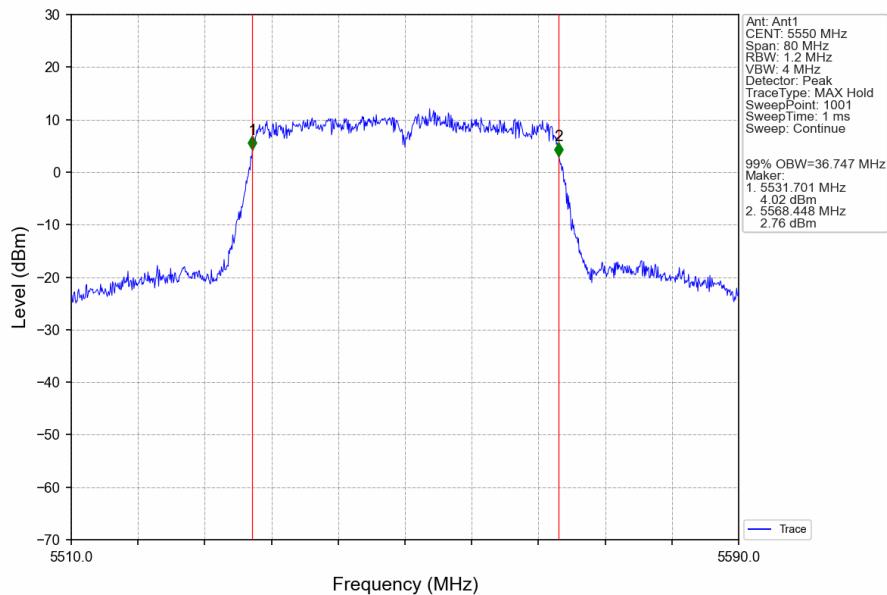
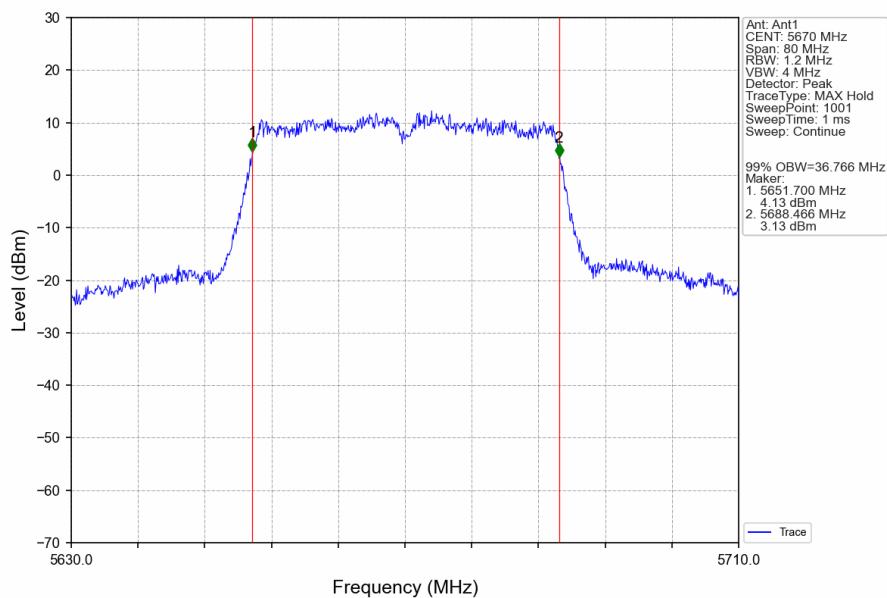


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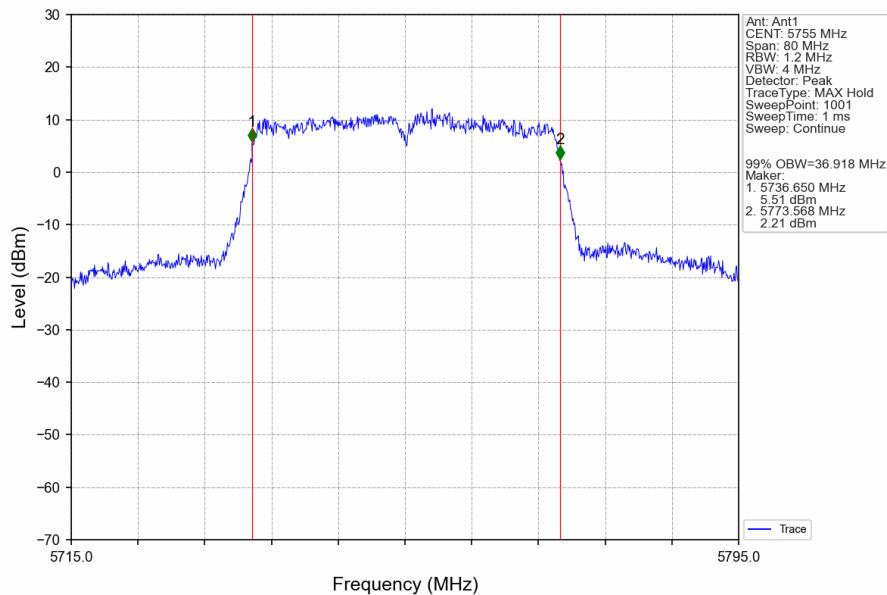
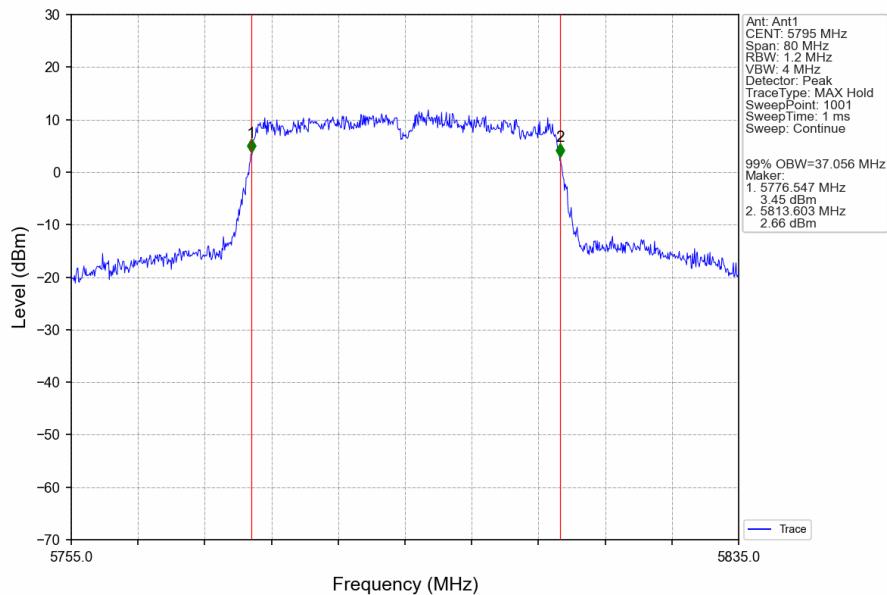
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**802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV****802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV**

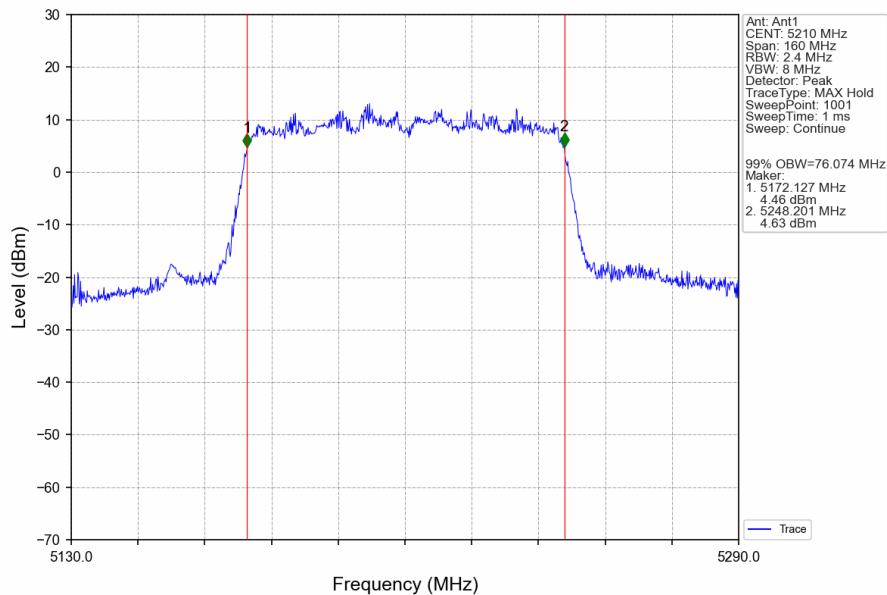
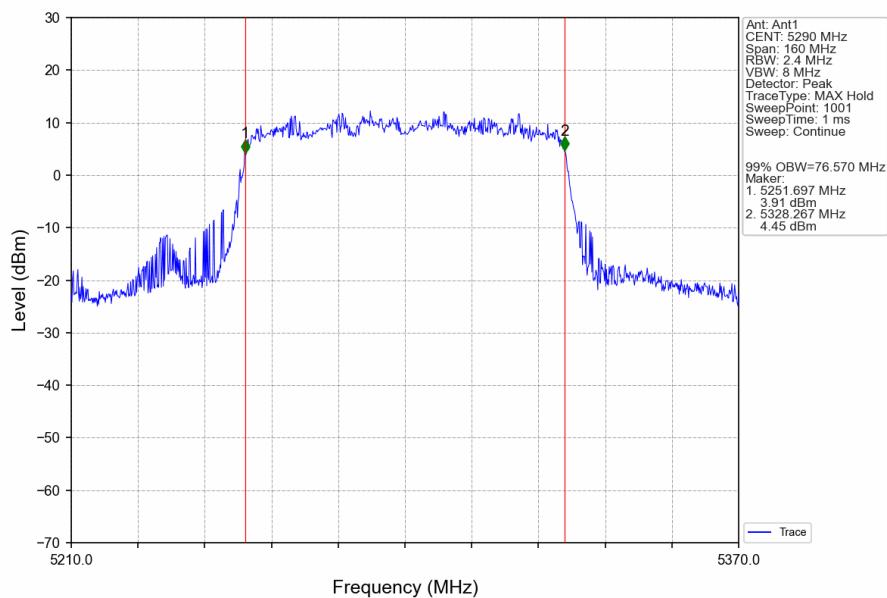
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**802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV****802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV**

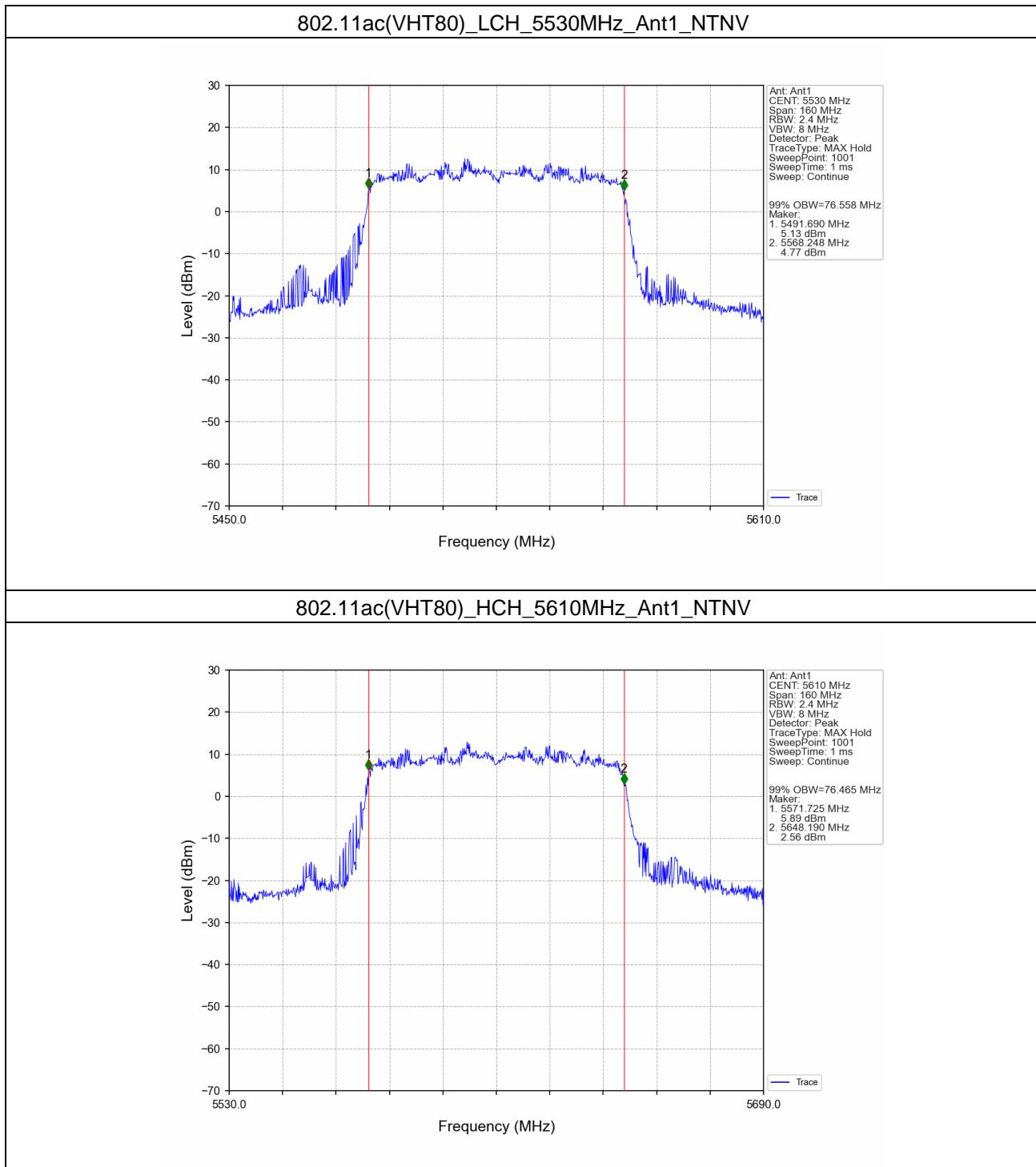
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**802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV****802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV**

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