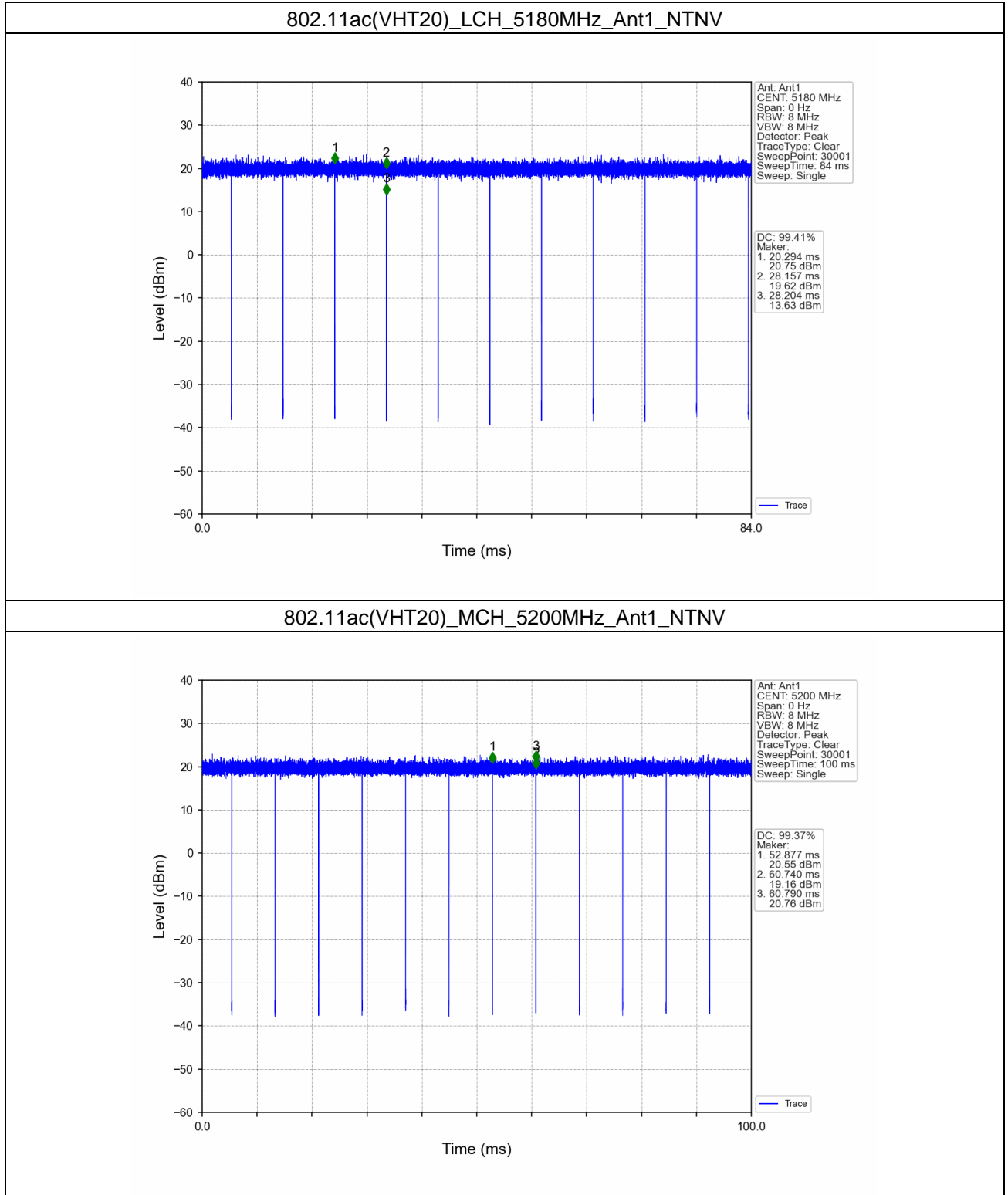


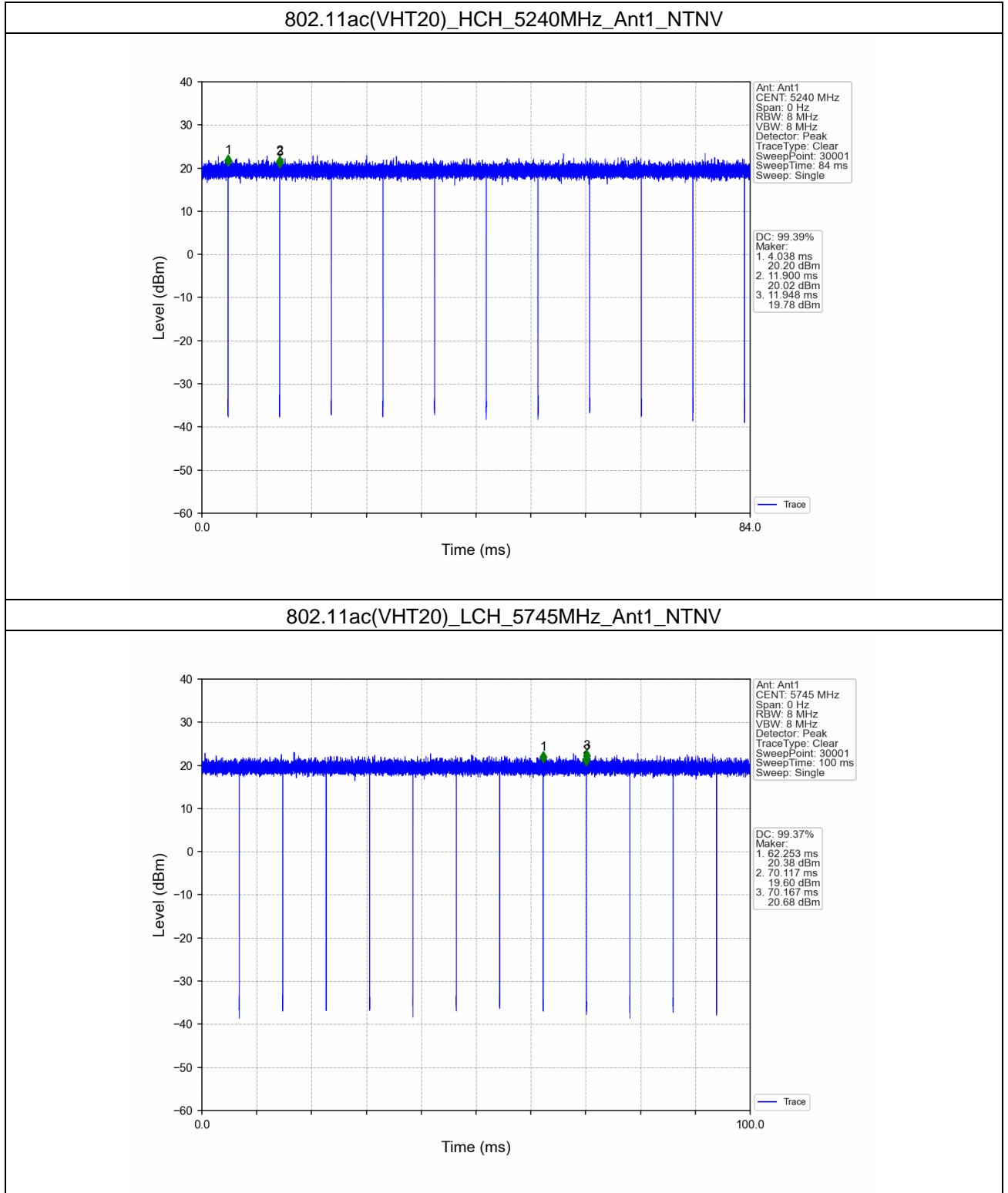
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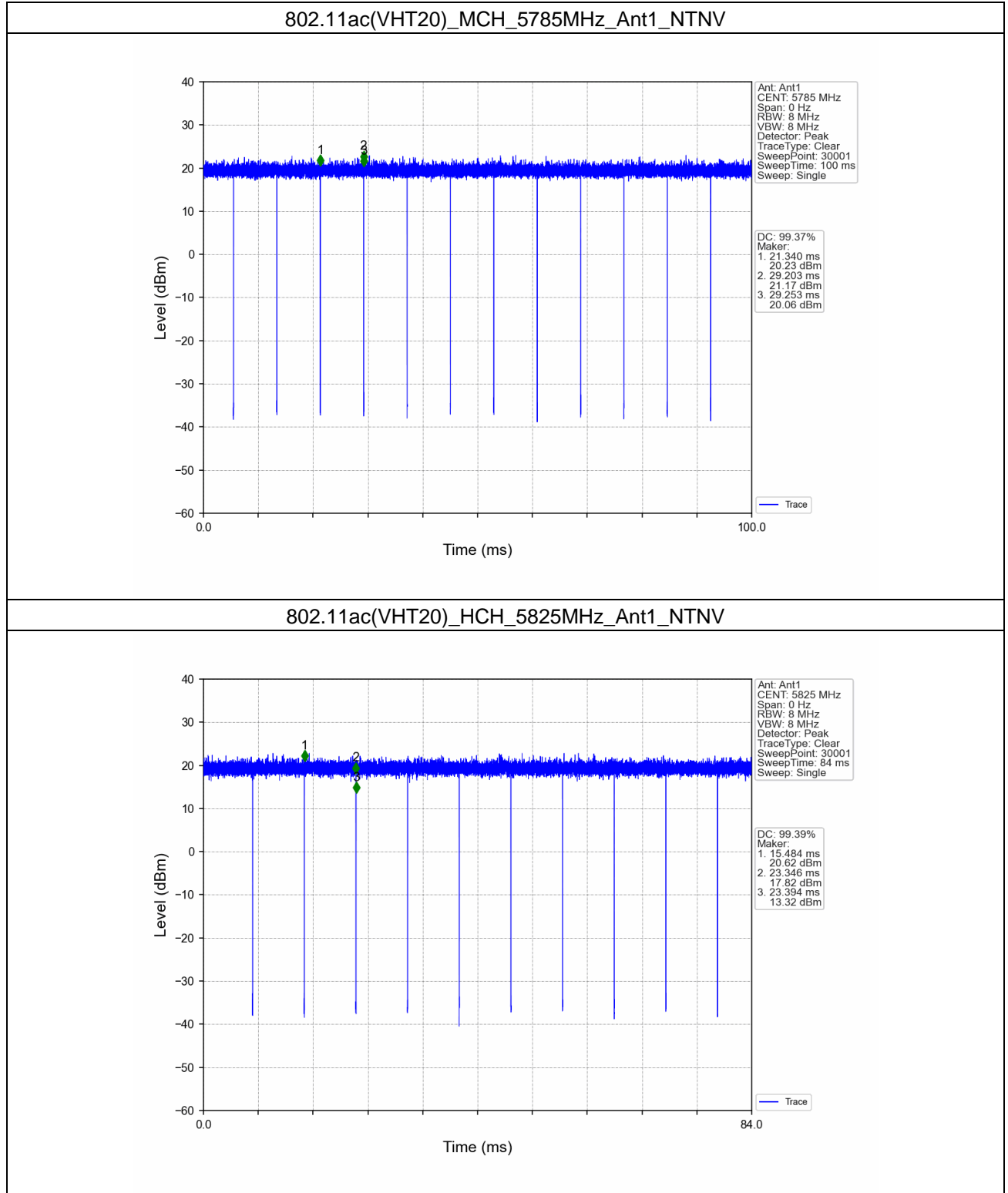
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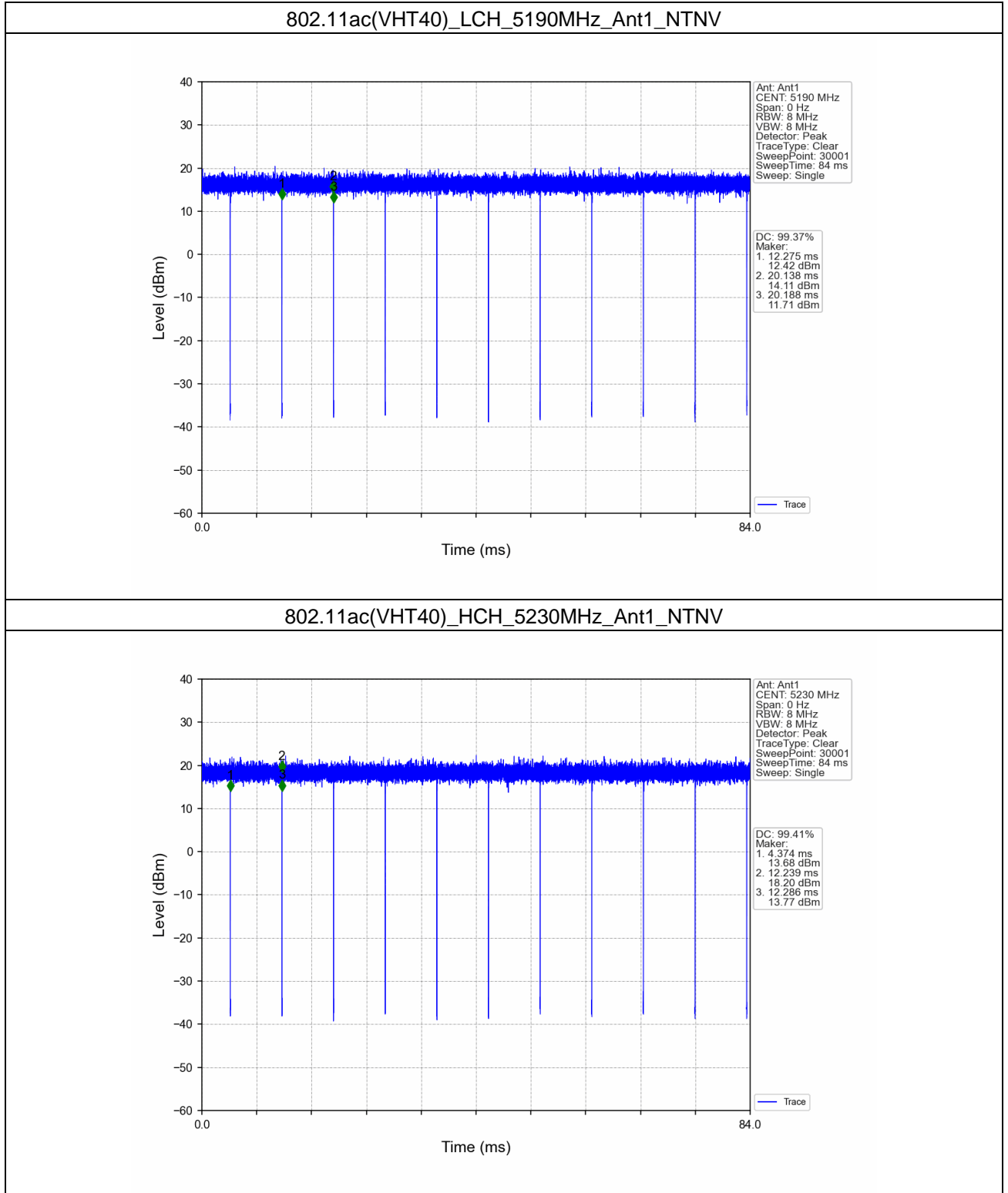
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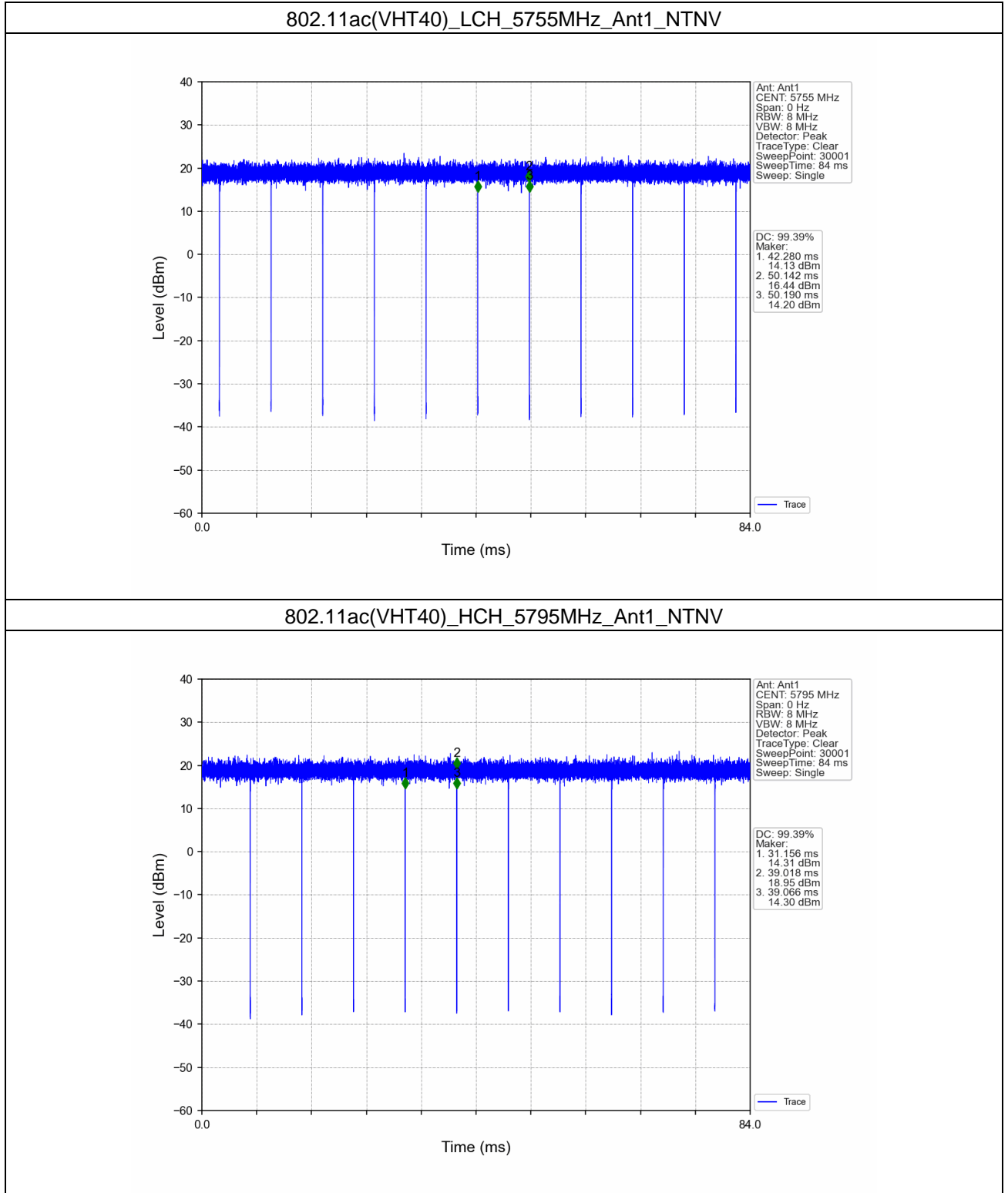
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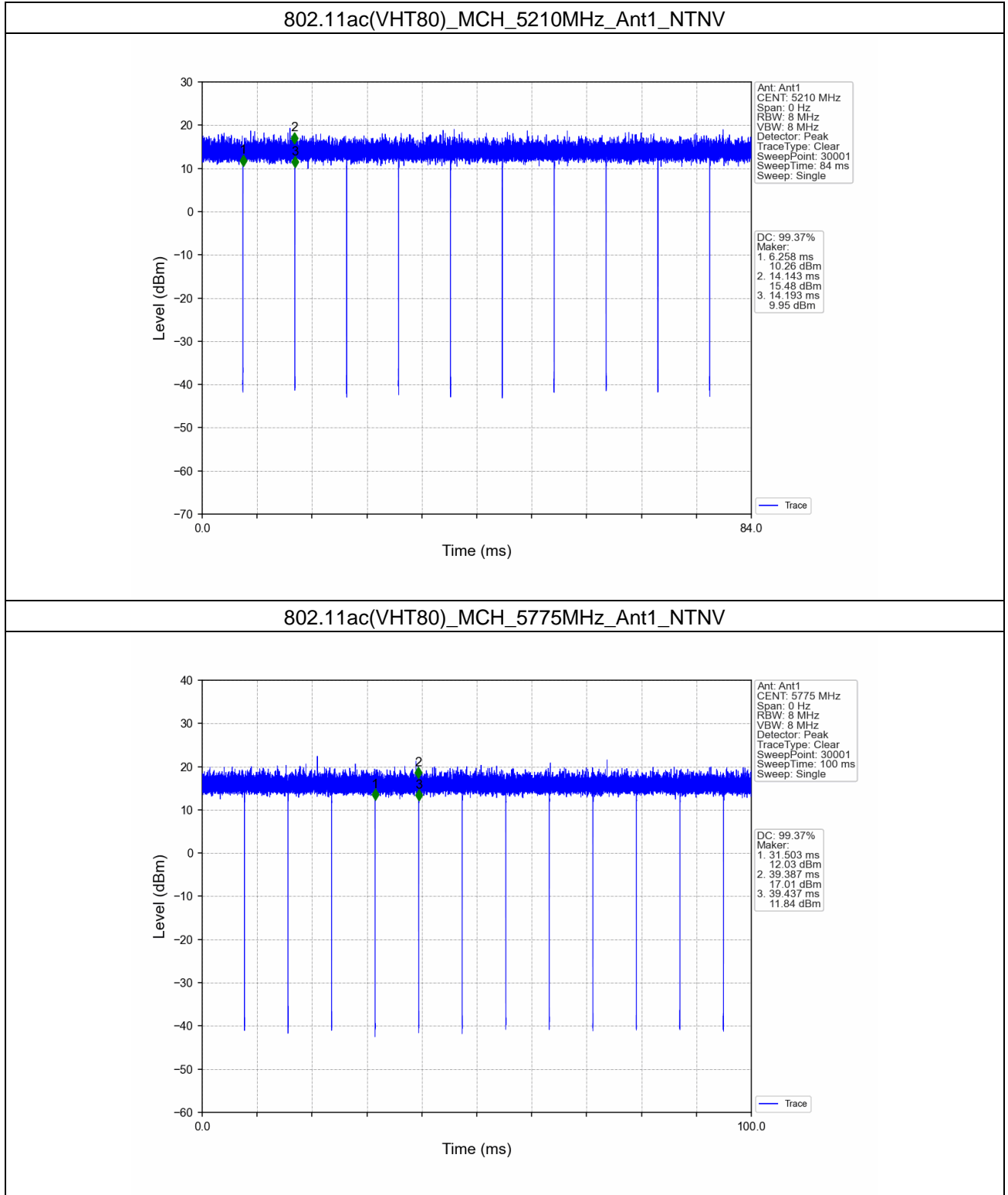


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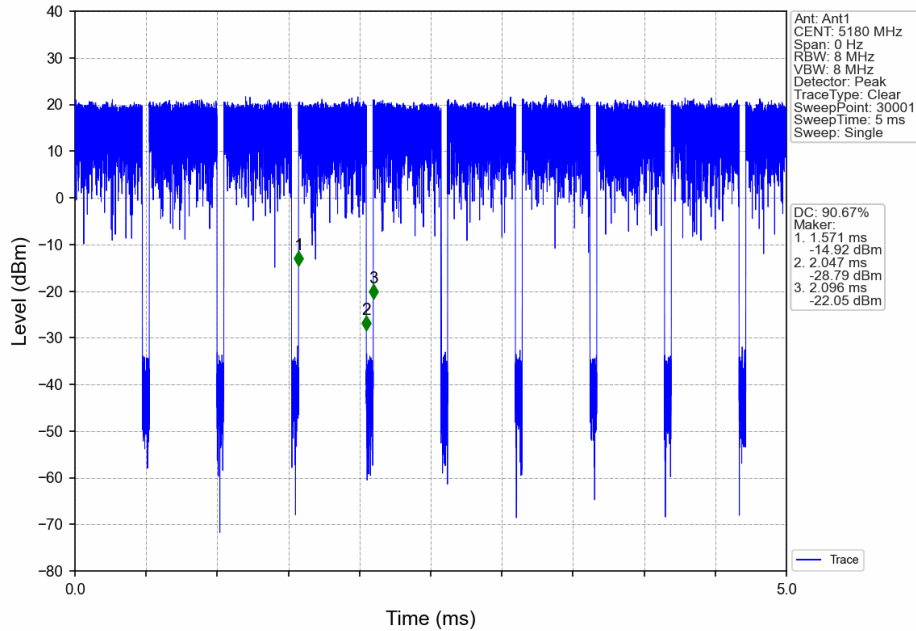
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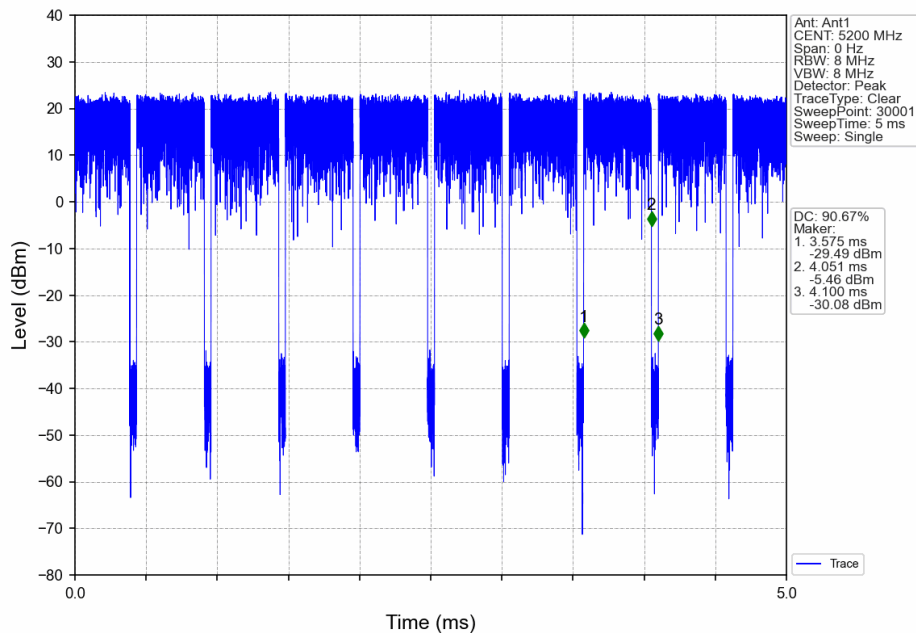


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802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_Ant1\_NTNV



802.11ax(HEW20)\_MCH\_5200MHz\_RU242\_Left\_Ant1\_NTNV

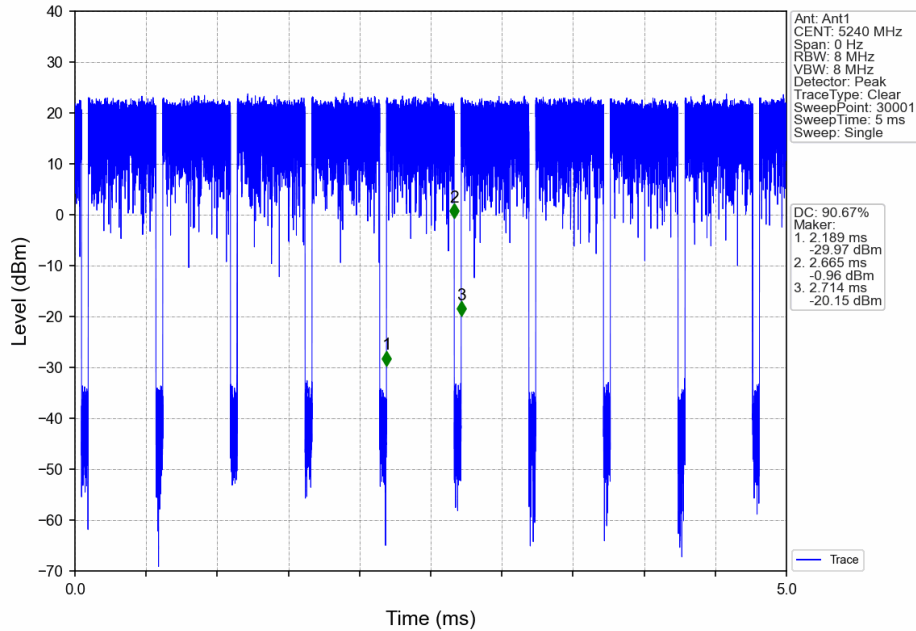


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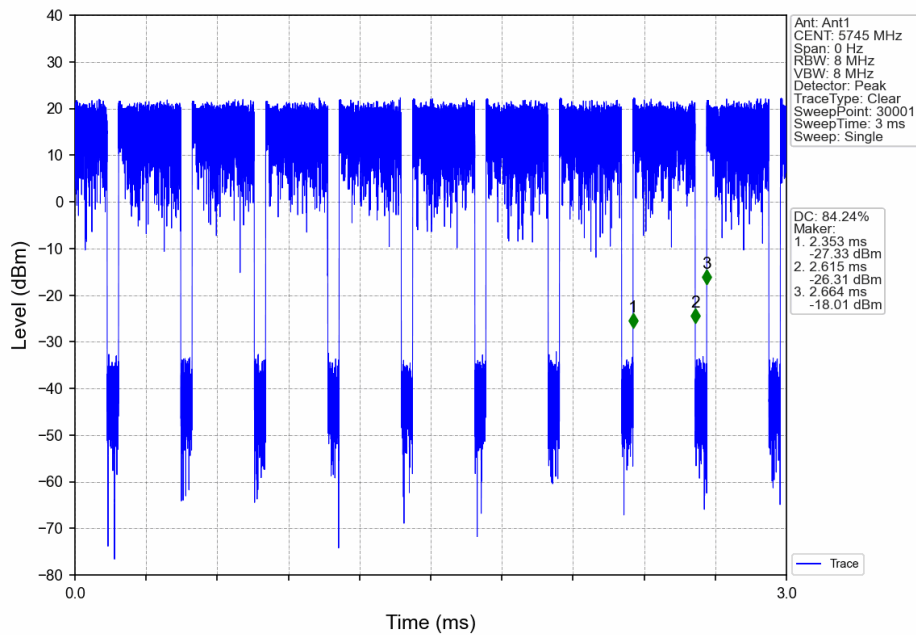
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### 802.11ax(HEW20)\_HCH\_5240MHz\_RU242\_Left\_Ant1\_NTNV



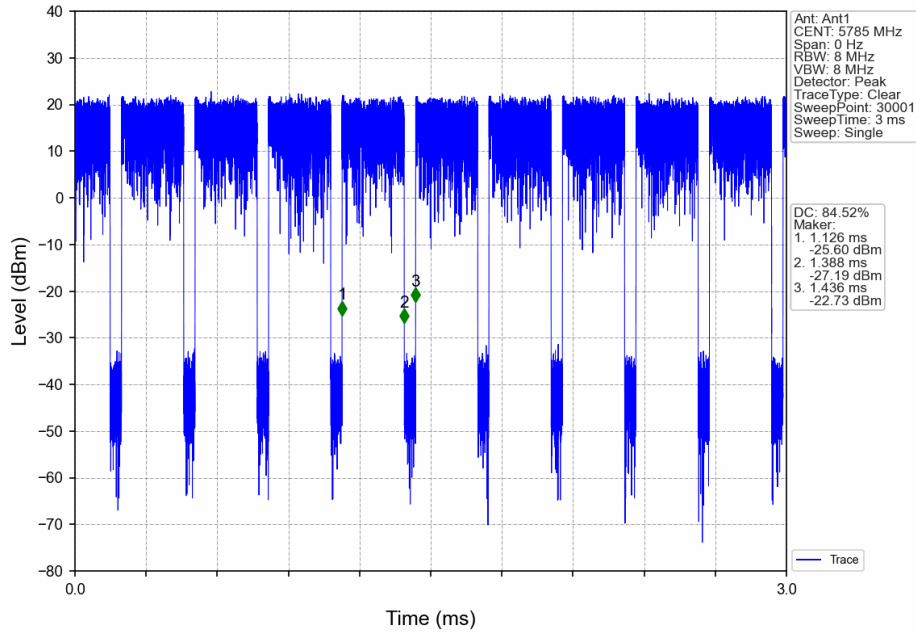
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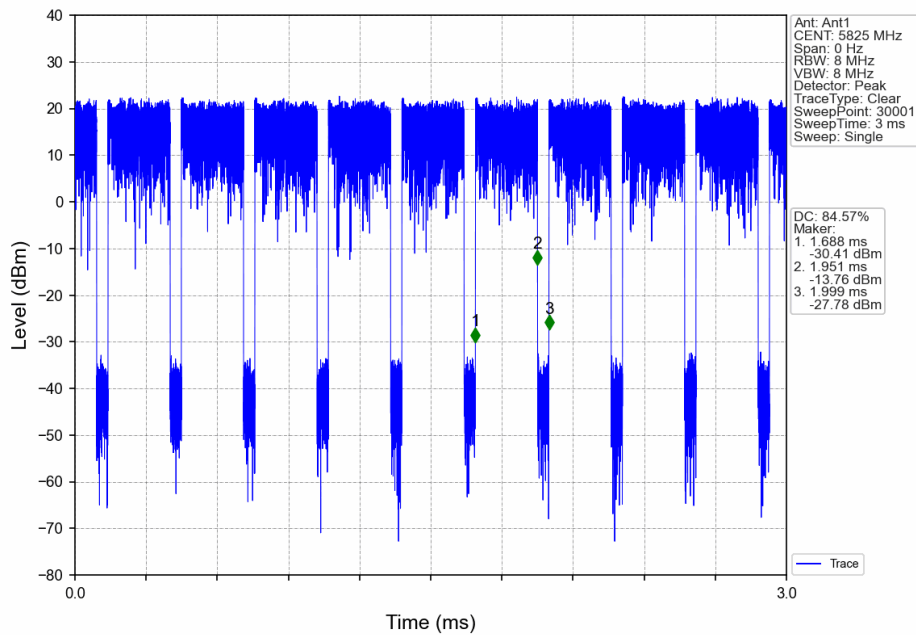
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802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant1\_NTNV

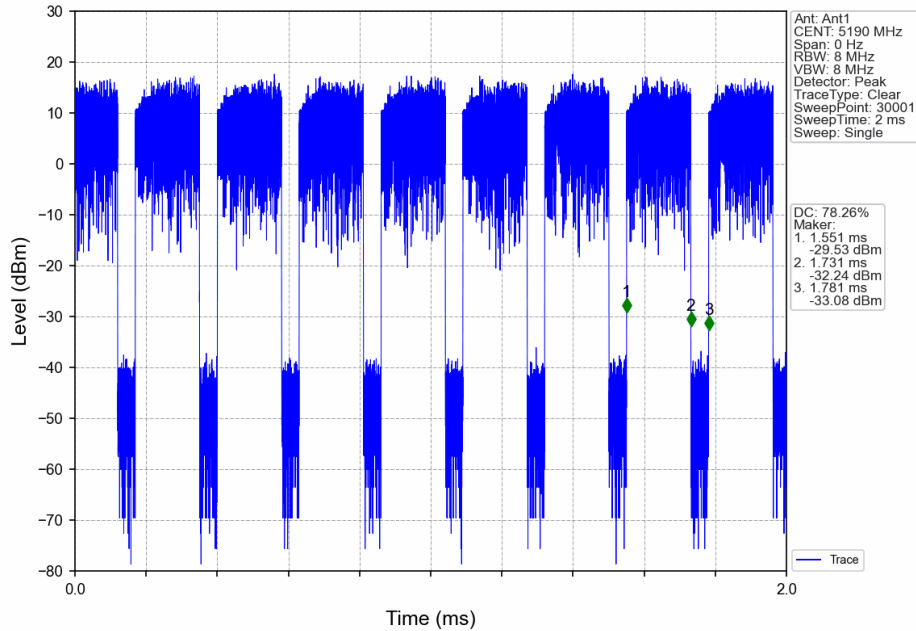


802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant1\_NTNV

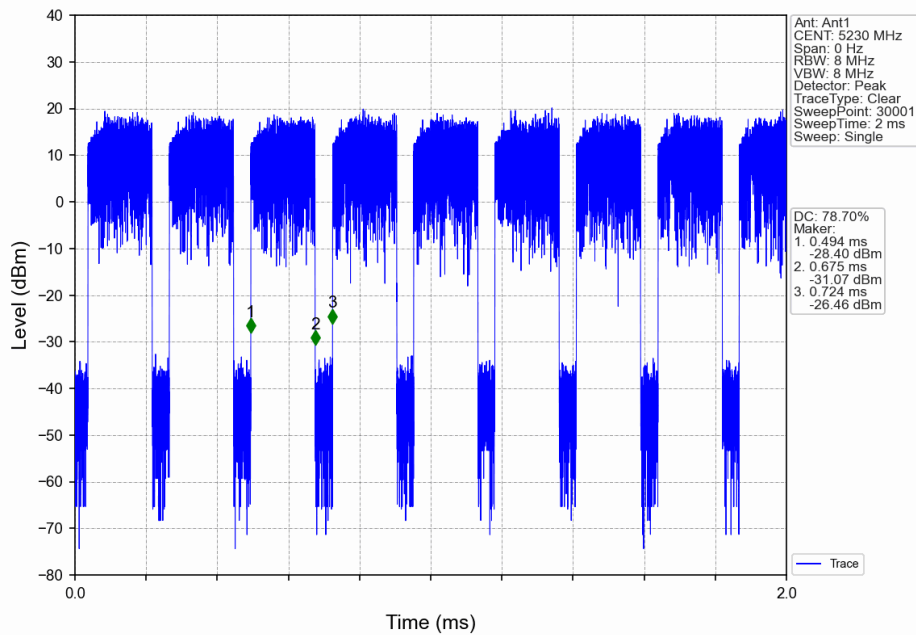


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802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant1\_NTNV



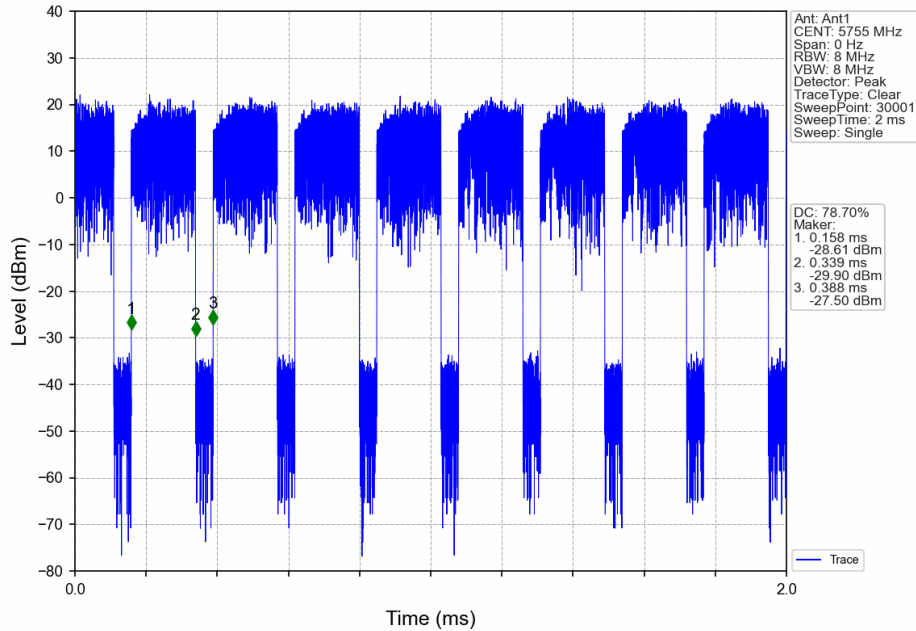
802.11ax(HEW40)\_HCH\_5230MHz\_RU484\_Left\_Ant1\_NTNV



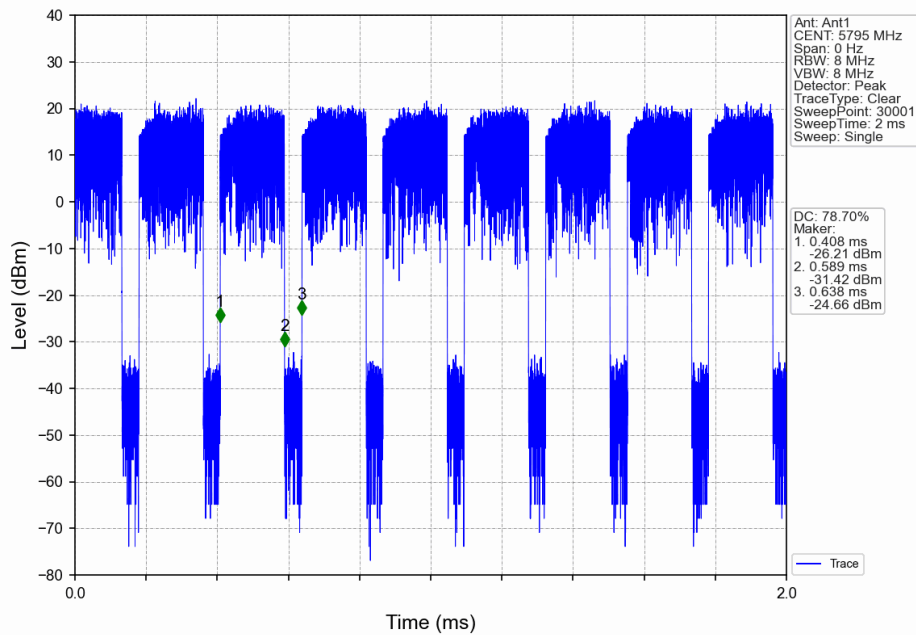
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### 802.11ax(HEW40)\_LCH\_5755MHz\_RU484\_Left\_Ant1\_NTNV



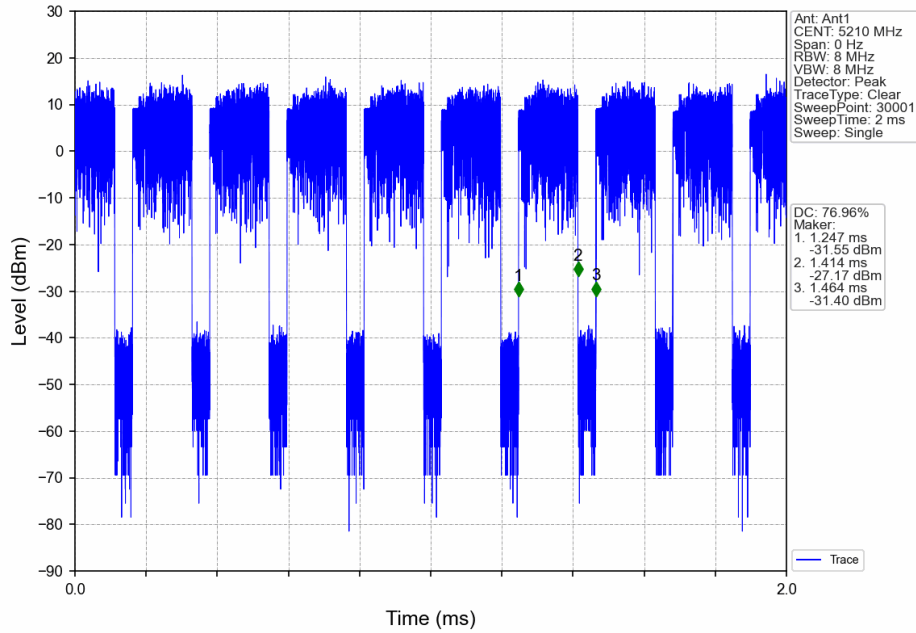
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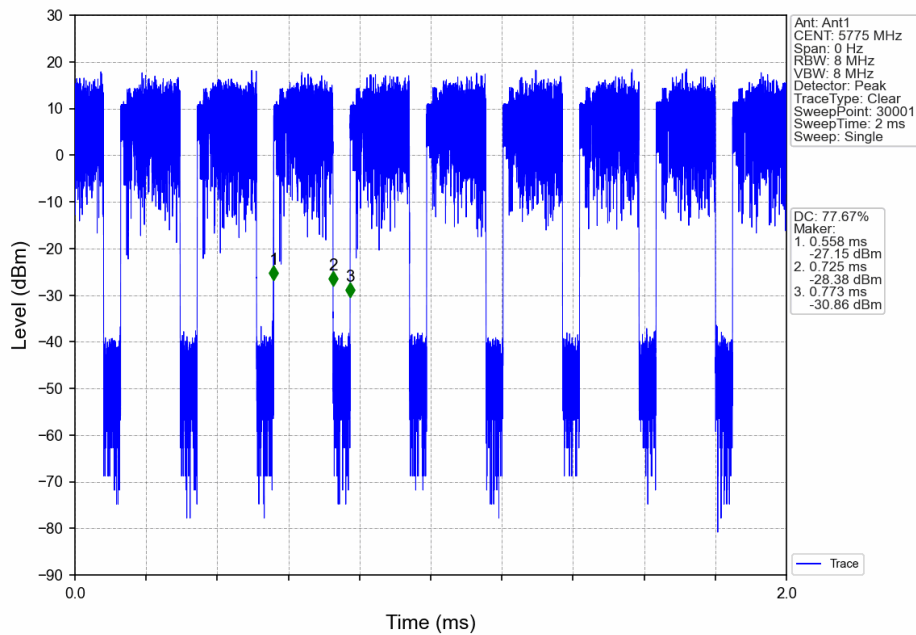
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### 802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_Ant1\_NTNV



### 802.11ax(HEW80)\_MCH\_5775MHz\_RU996\_Left\_Ant1\_NTNV



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## 2. Bandwidth

### 2.1 OBW

#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	17.581	/	Pass
		5200	/	/	1	17.647	/	Pass
		5240	/	/	1	17.570	/	Pass
		5745	/	/	1	17.107	/	Pass
		5785	/	/	1	17.229	/	Pass
		5825	/	/	1	17.524	/	Pass
802.11n (HT20)	MIMO	5180	/	/	1	18.495	/	Pass
		5200	/	/	1	18.346	/	Pass
		5240	/	/	1	18.459	/	Pass
		5745	/	/	1	18.441	/	Pass
		5785	/	/	1	18.408	/	Pass
		5825	/	/	1	18.428	/	Pass
802.11n (HT40)	MIMO	5190	/	/	1	36.311	/	Pass
		5230	/	/	1	36.368	/	Pass
		5755	/	/	1	36.419	/	Pass
		5795	/	/	1	36.469	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	18.514	/	Pass
		5200	/	/	1	18.461	/	Pass
		5240	/	/	1	18.488	/	Pass
		5745	/	/	1	18.429	/	Pass
		5785	/	/	1	18.451	/	Pass
		5825	/	/	1	18.399	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	36.324	/	Pass
		5230	/	/	1	36.338	/	Pass
		5755	/	/	1	36.445	/	Pass
		5795	/	/	1	36.444	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	75.562	/	Pass
		5775	/	/	1	75.698	/	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	1	19.173	/	Pass
		5200	RU242	Left	1	19.152	/	Pass
		5240	RU242	Left	1	19.147	/	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231200414603

Page: 290 of 1021

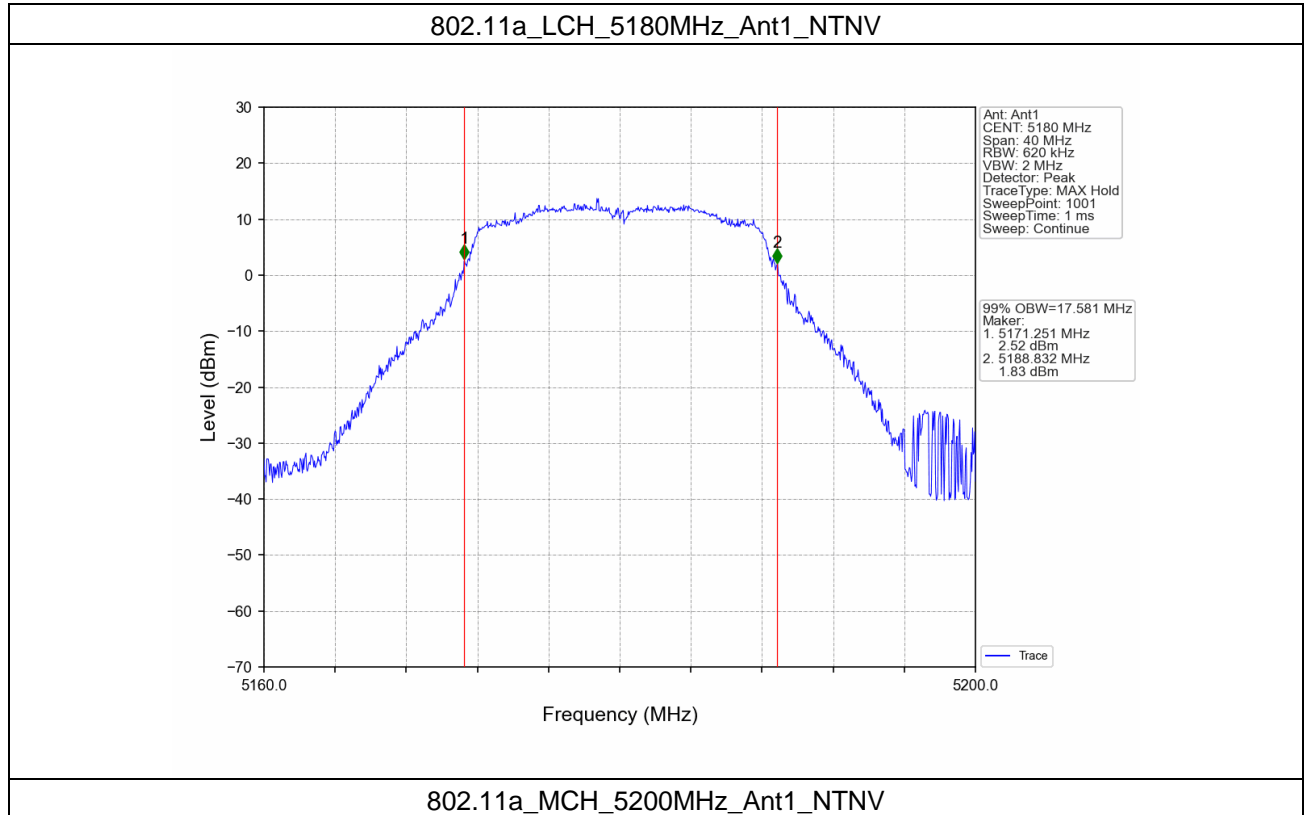
		5745	RU242	Left	1	19.137	/	Pass
		5785	RU242	Left	1	19.136	/	Pass
		5825	RU242	Left	1	19.100	/	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	1	37.972	/	Pass
		5230	RU484	Left	1	37.850	/	Pass
		5755	RU484	Left	1	38.293	/	Pass
		5795	RU484	Left	1	38.454	/	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	1	76.943	/	Pass
		5775	RU996	Left	1	77.303	/	Pass



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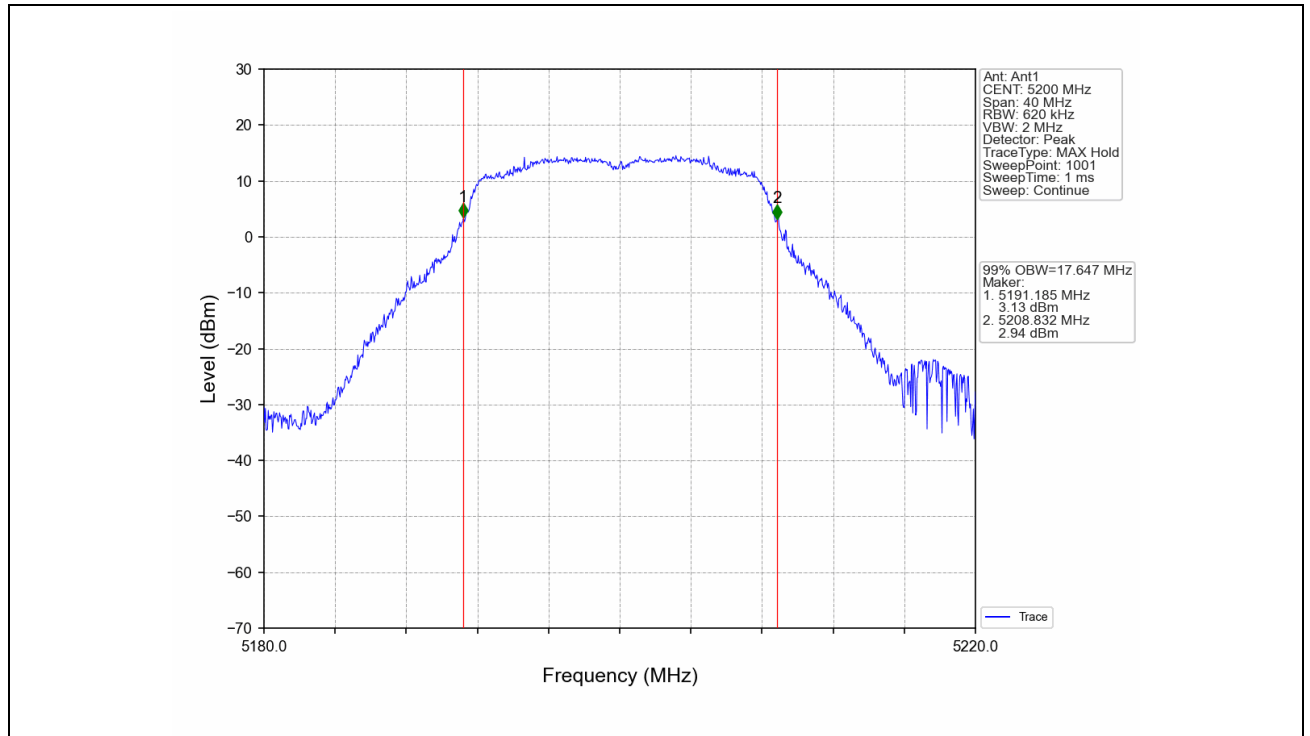
### 2.1.2 Test Graph



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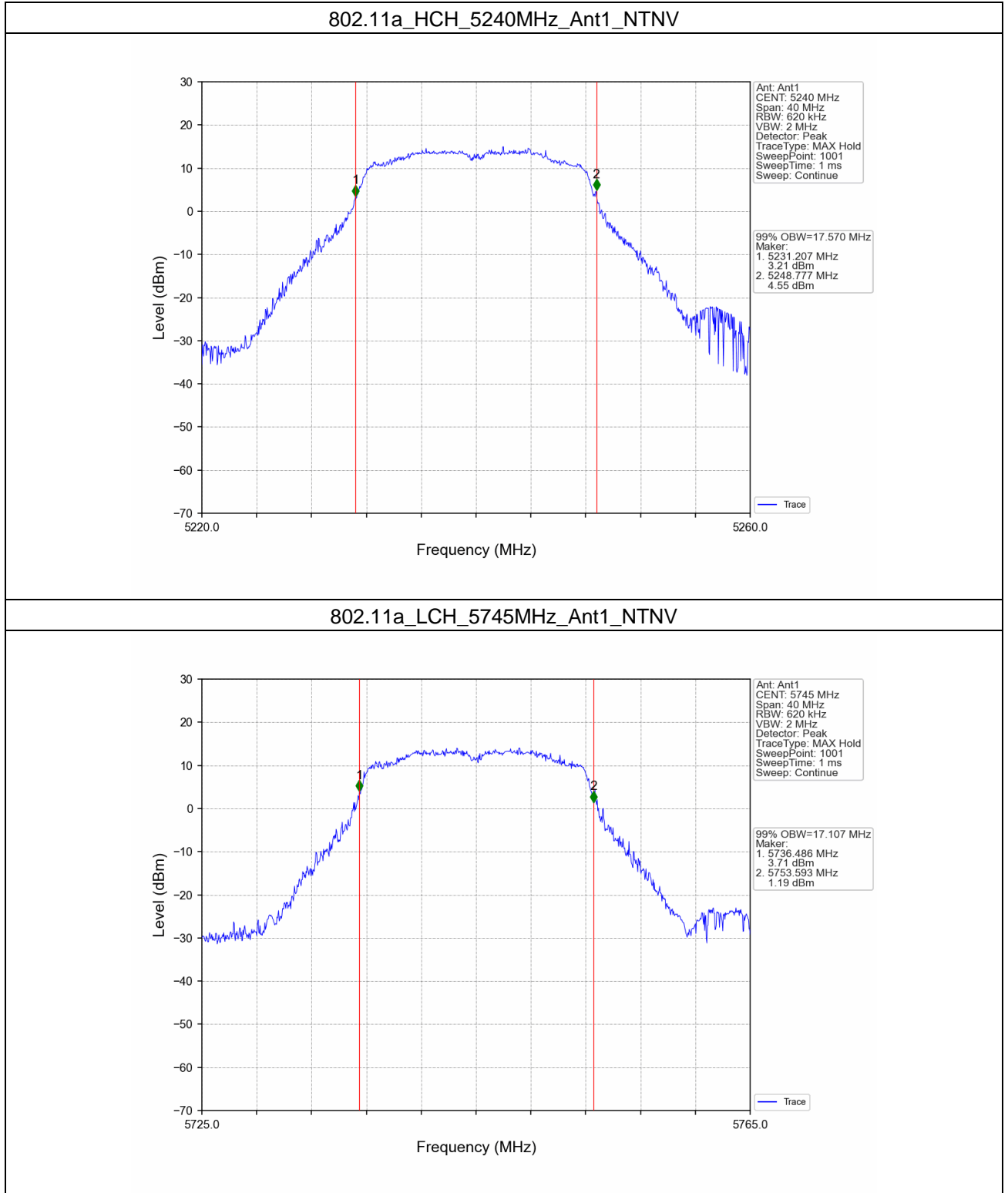
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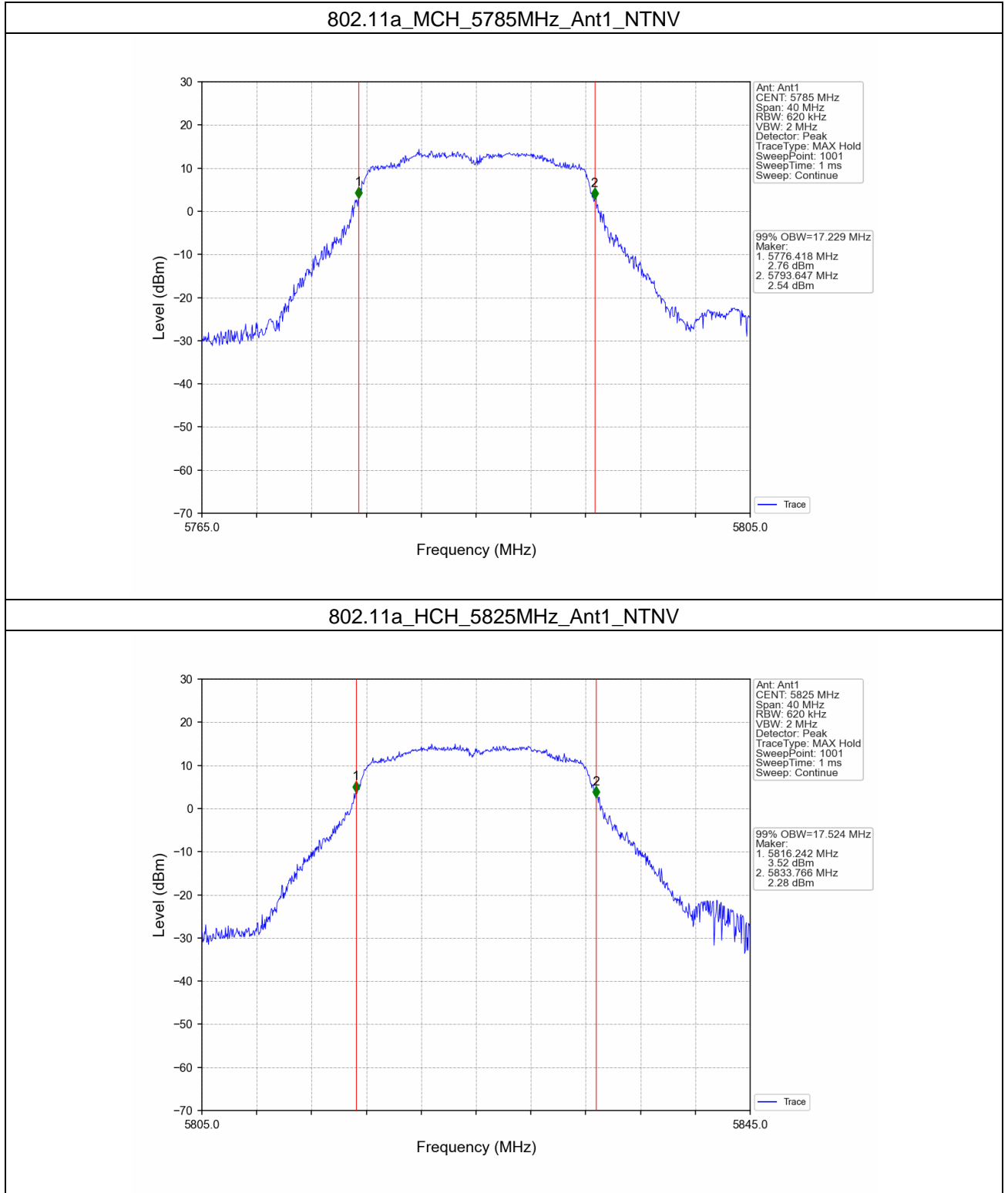


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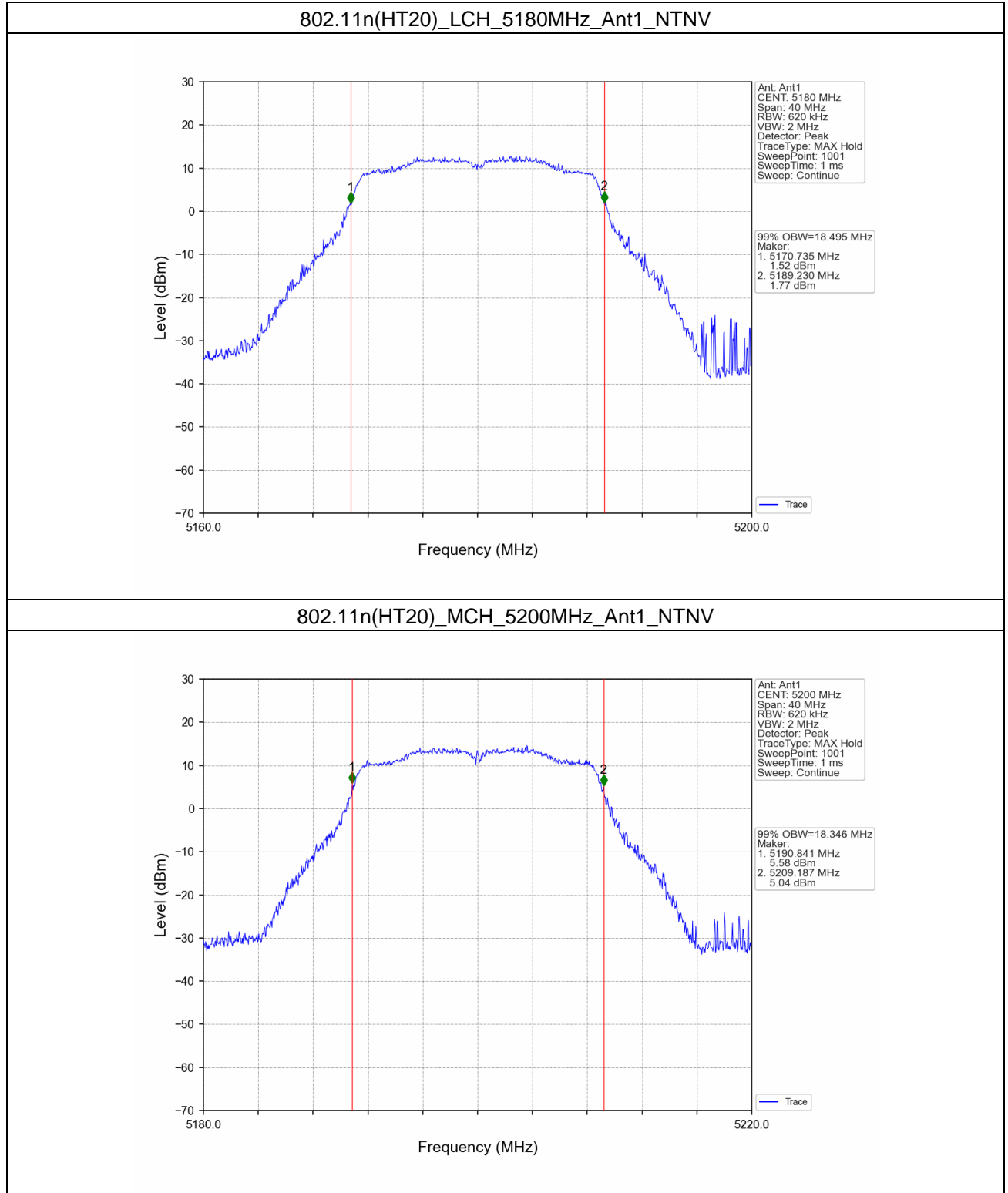
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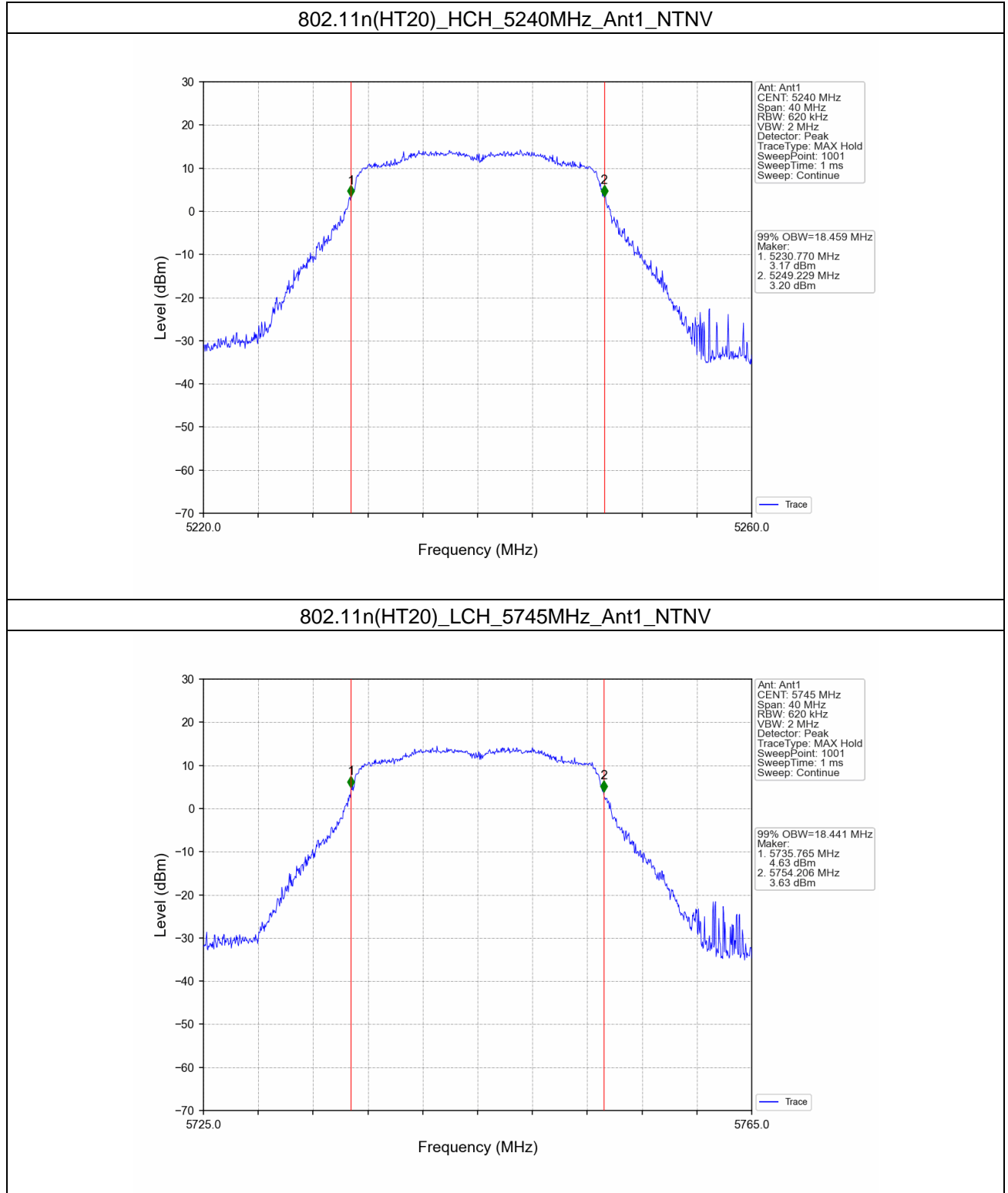
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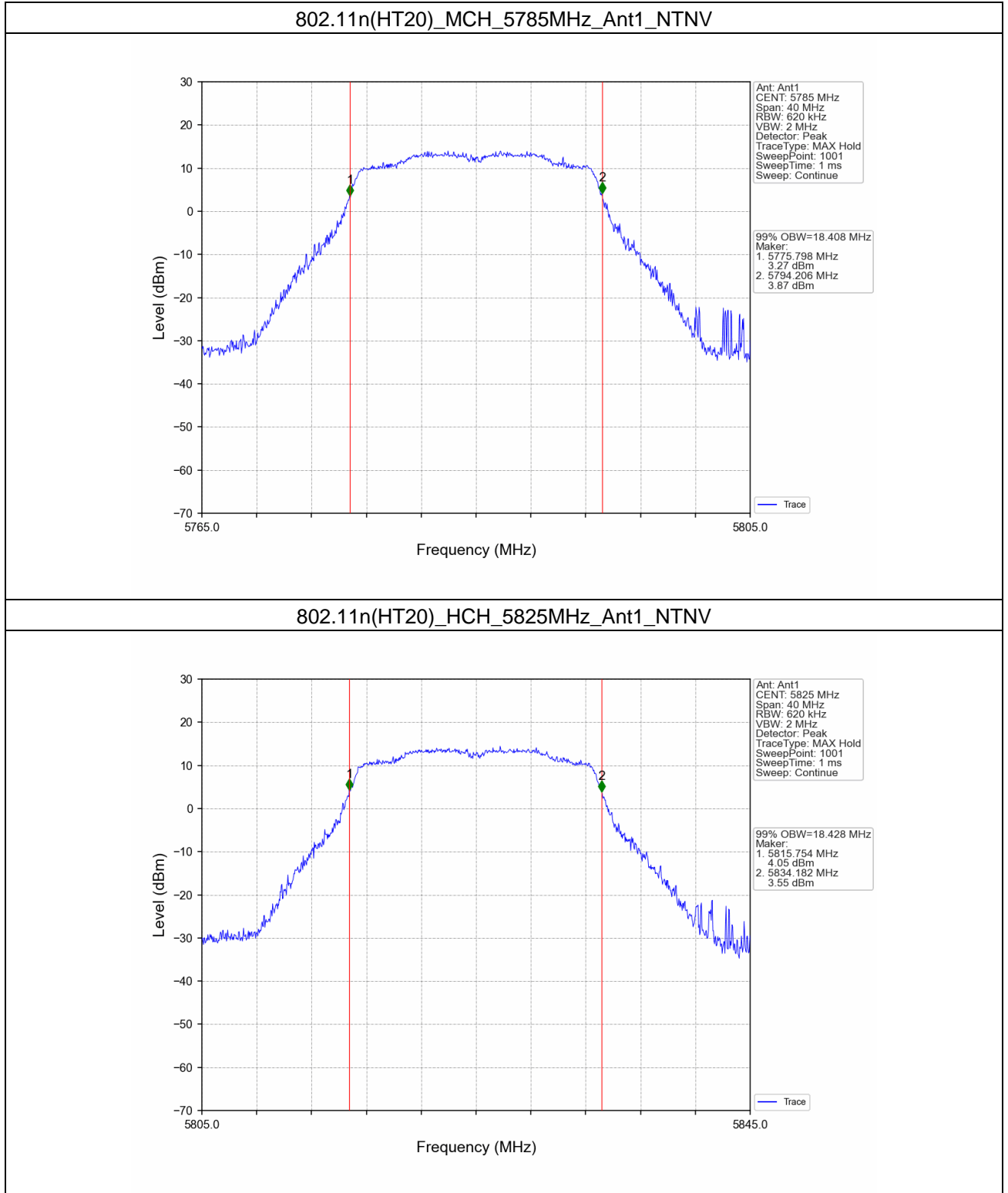
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 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn  
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



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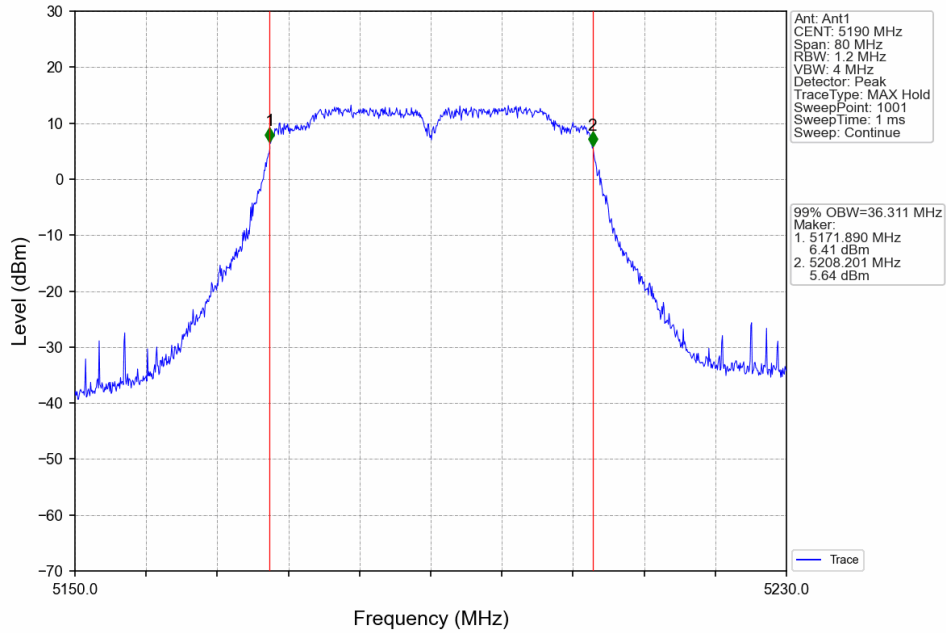


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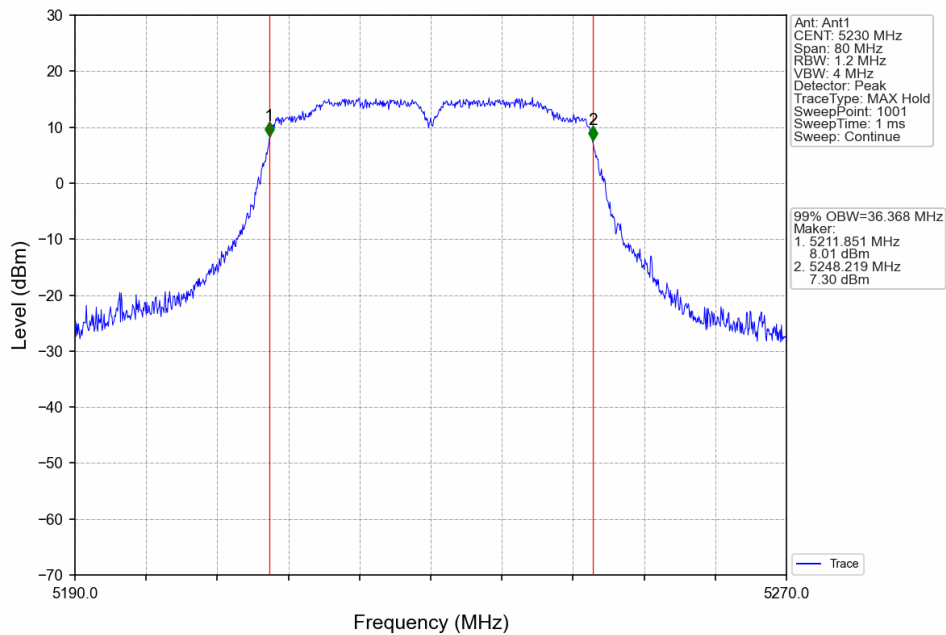


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### 802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV

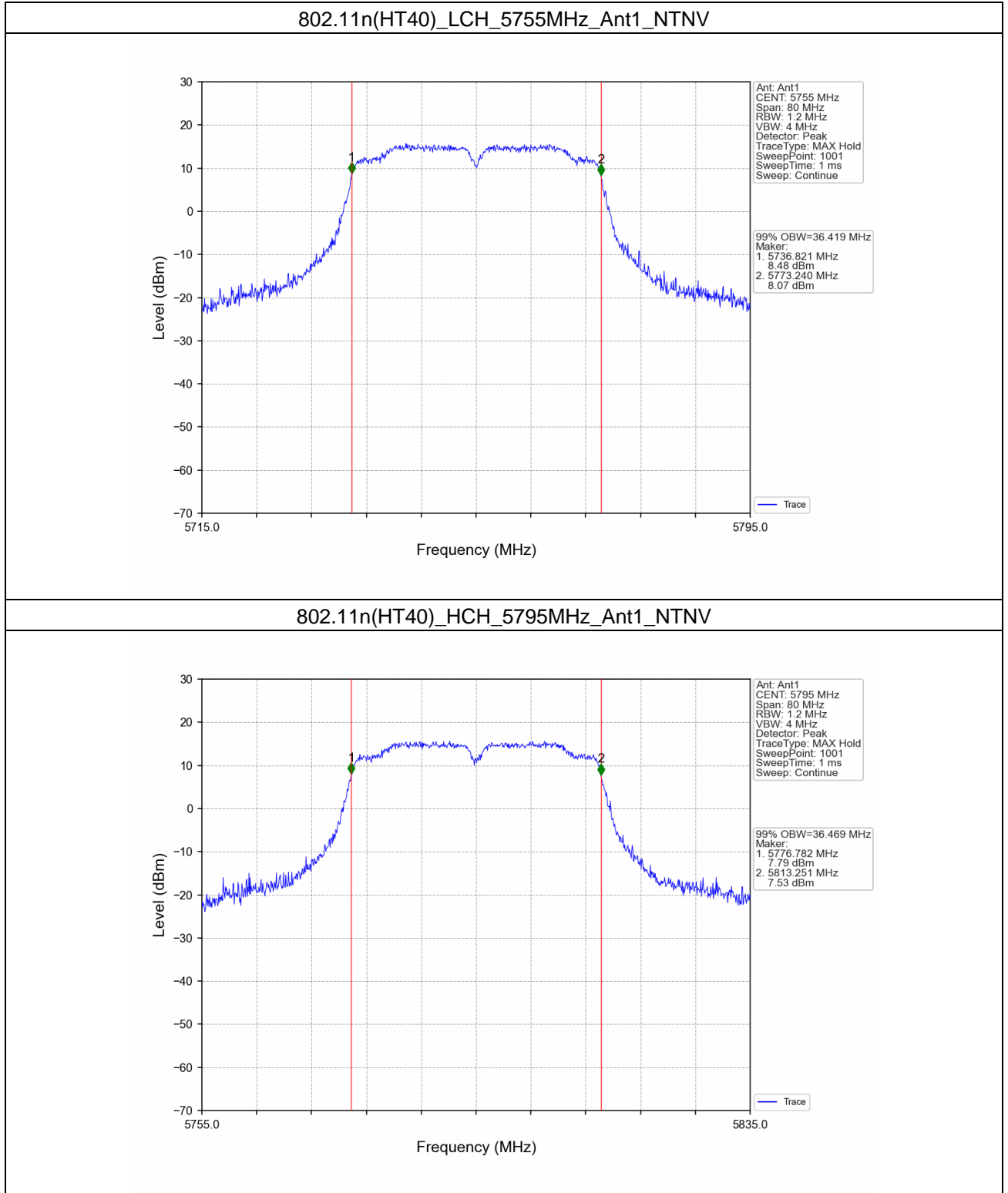


### 802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



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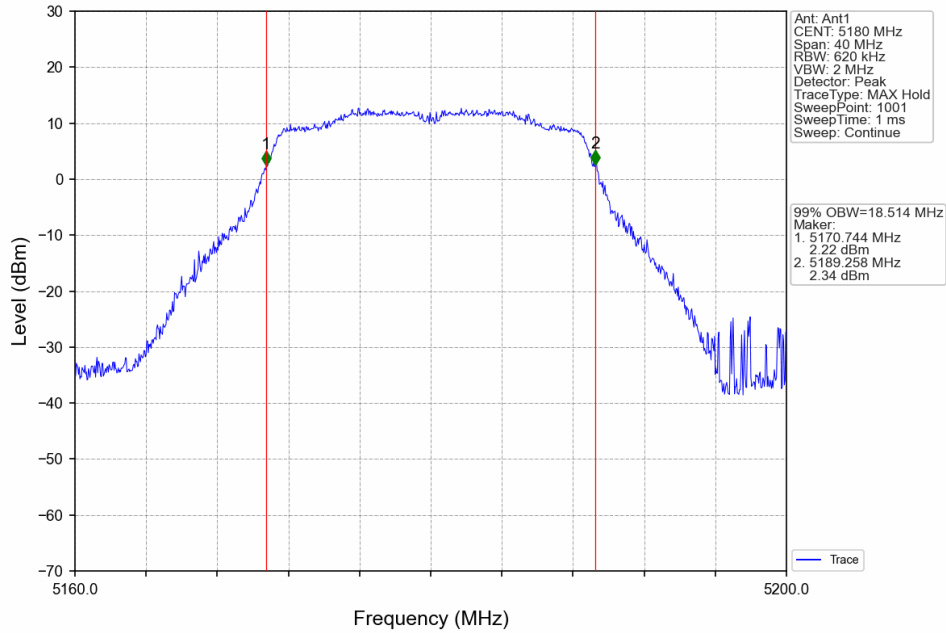
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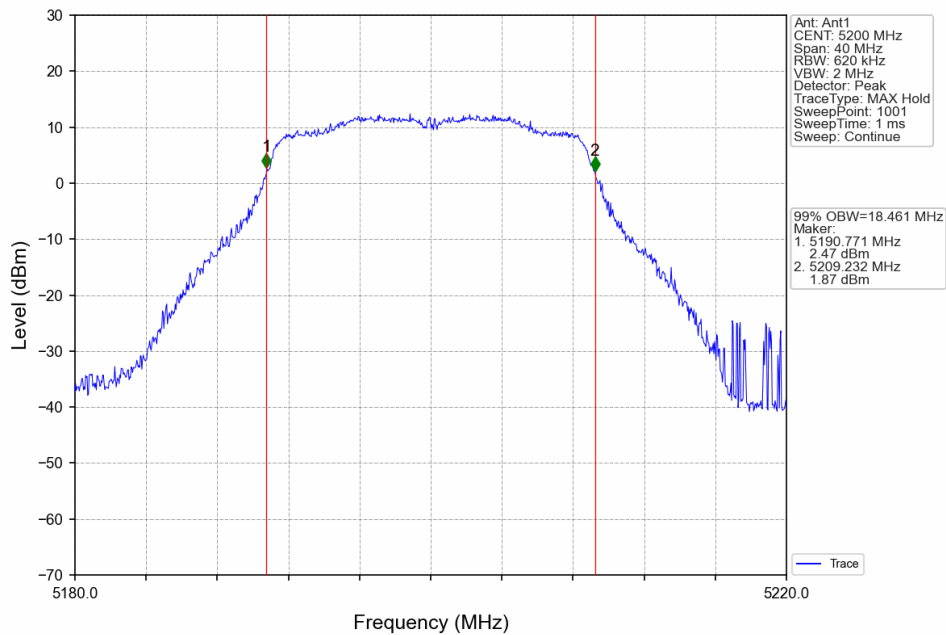
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802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



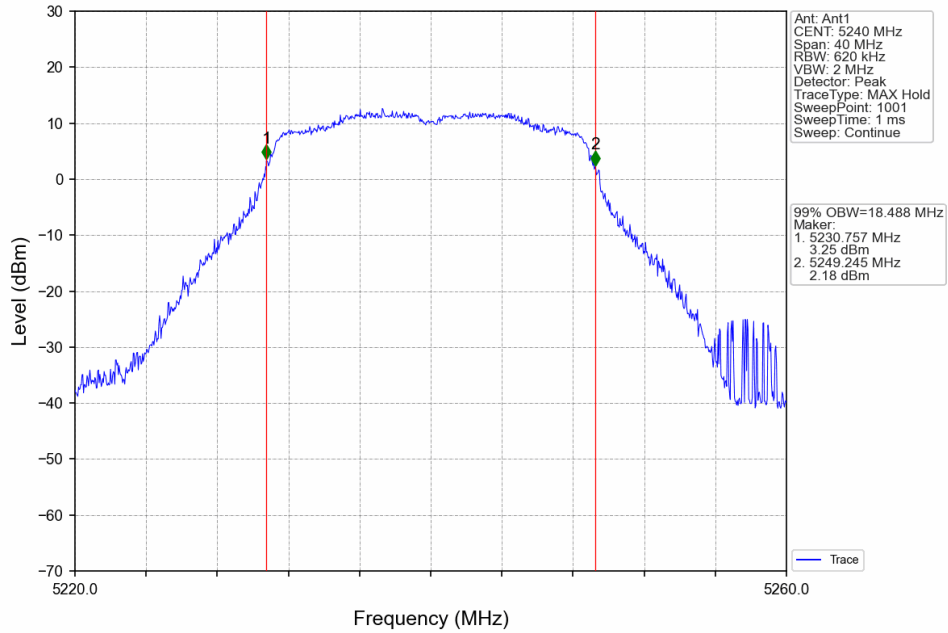
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



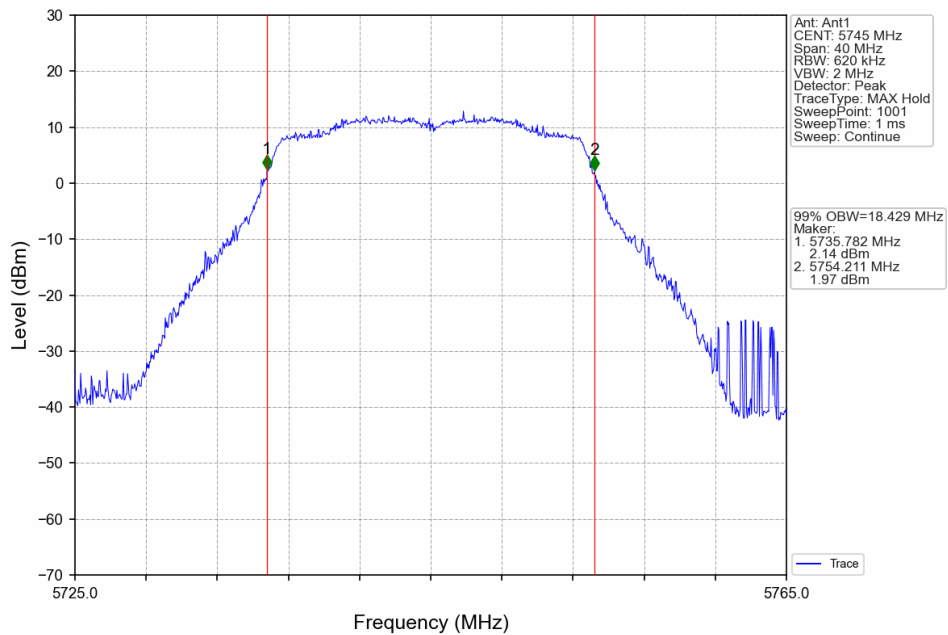
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### 802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



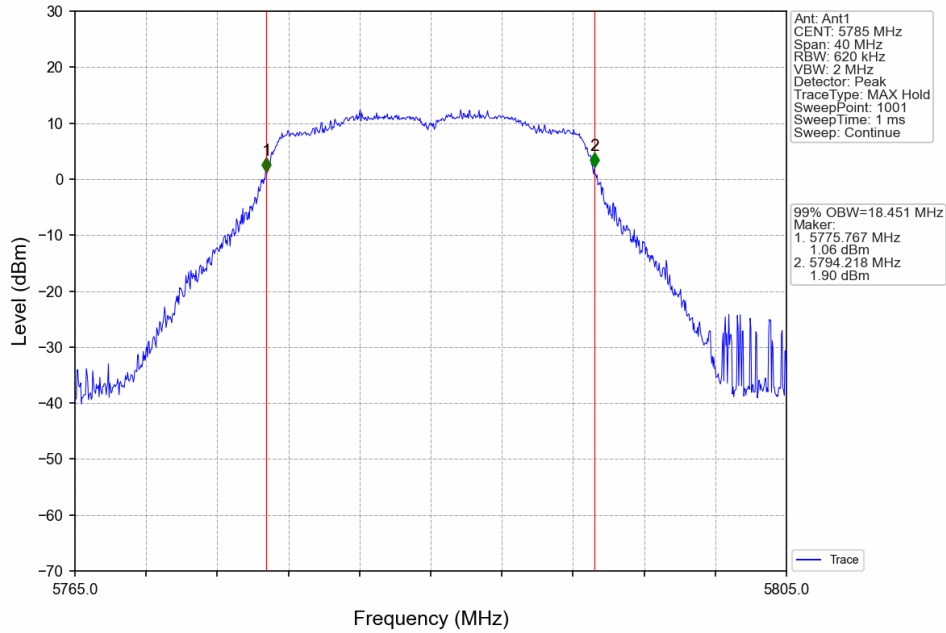
### 802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



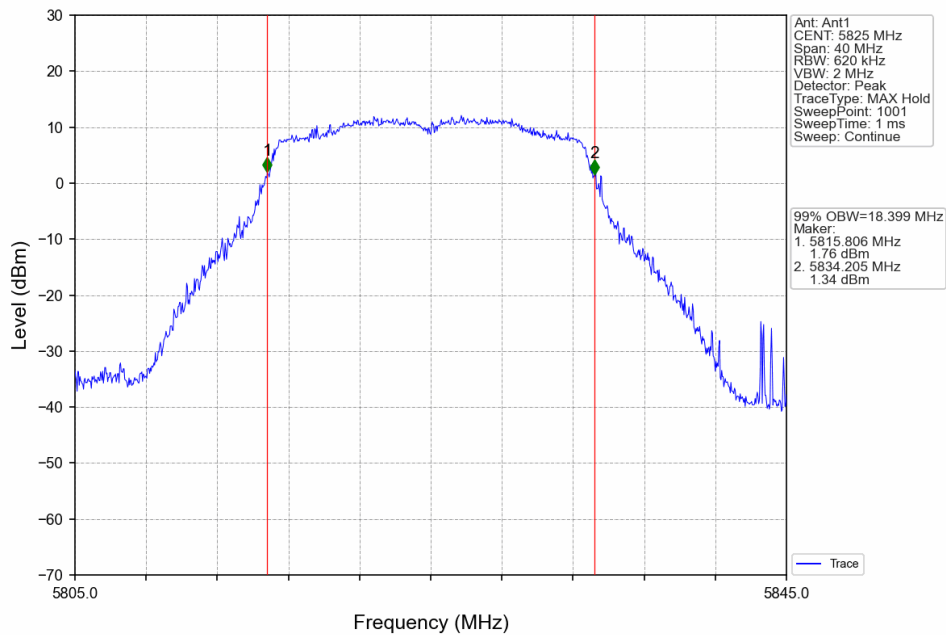
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### 802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV

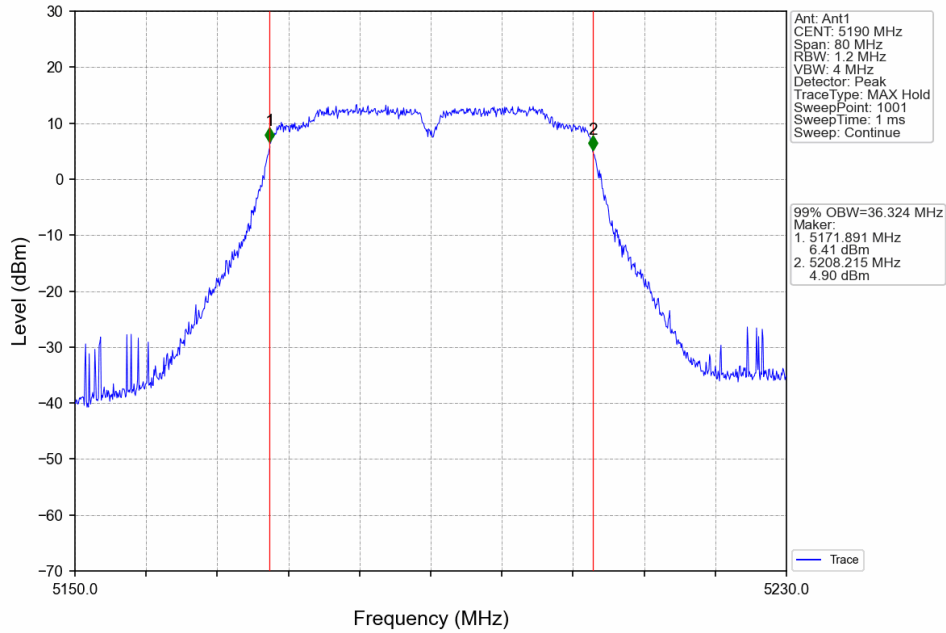


### 802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV

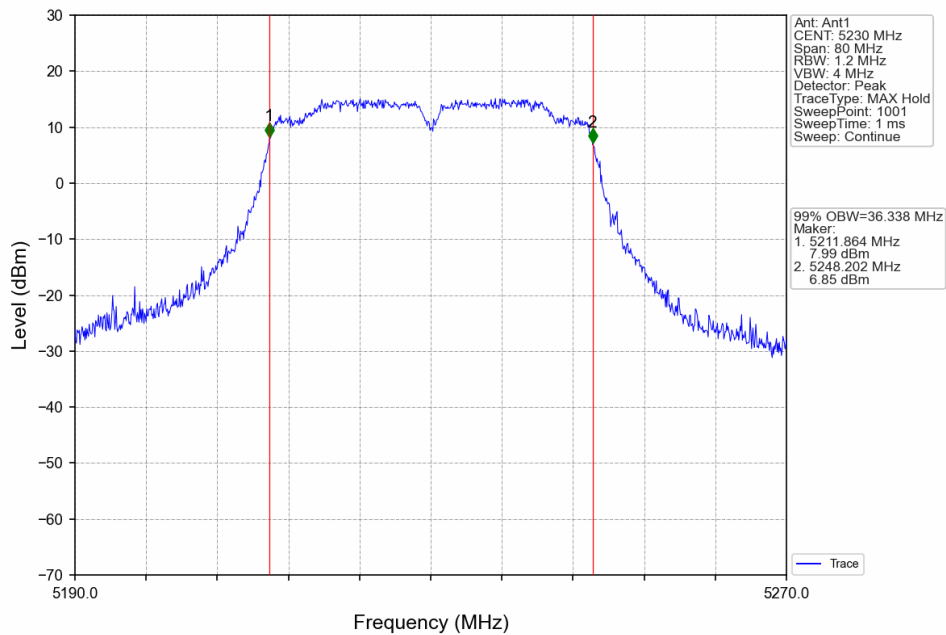


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### 802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



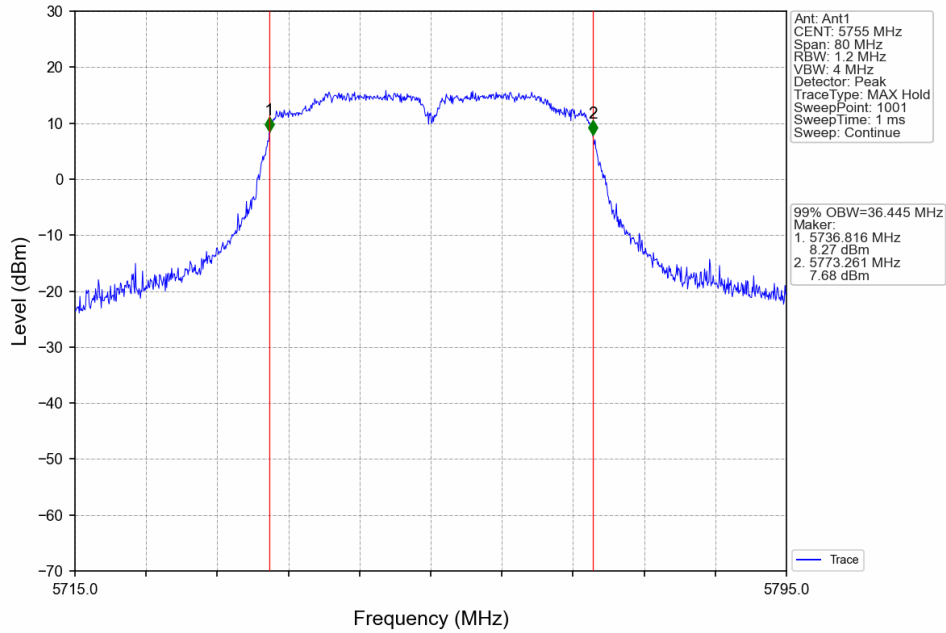
### 802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



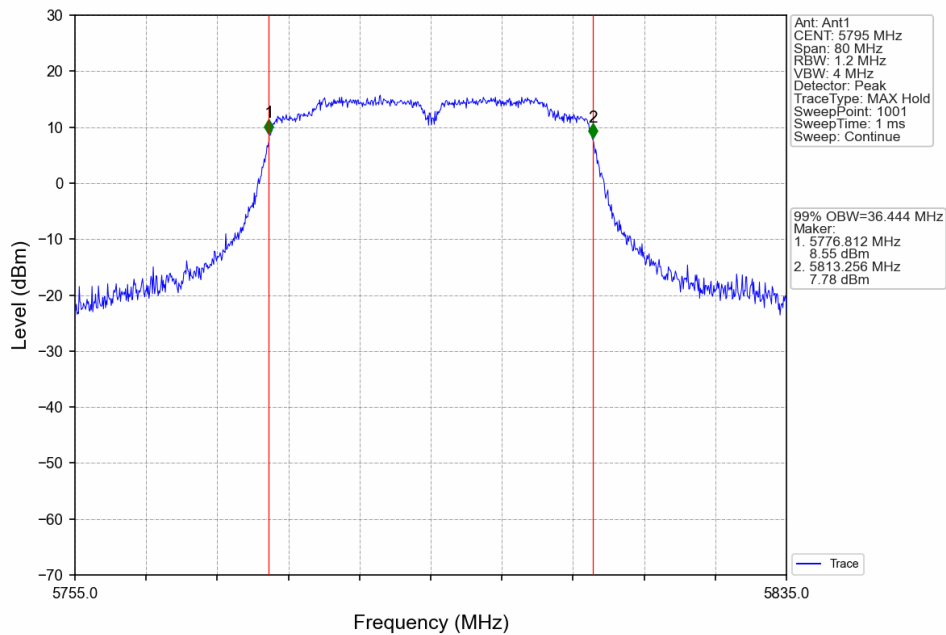
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802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



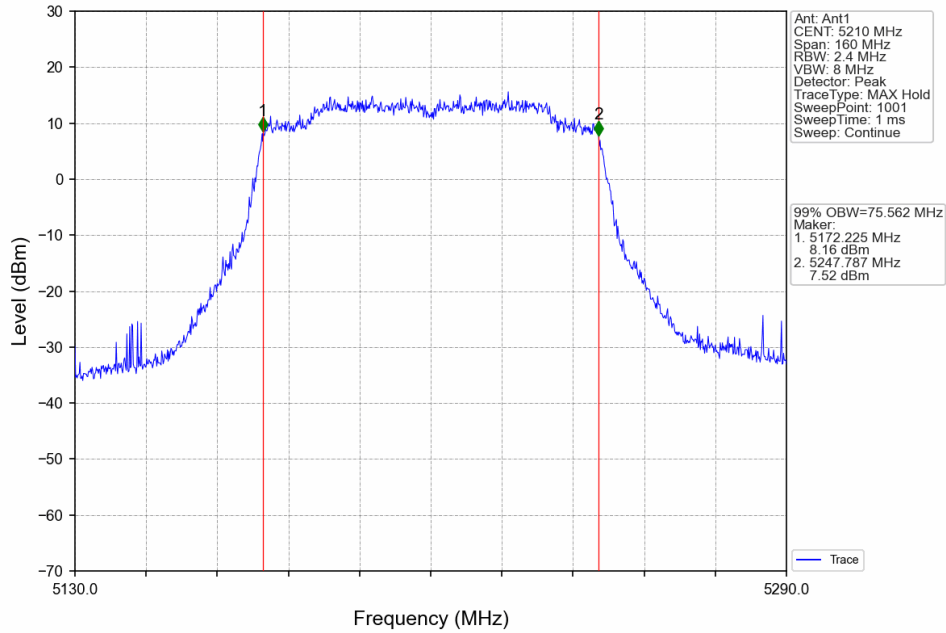
802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



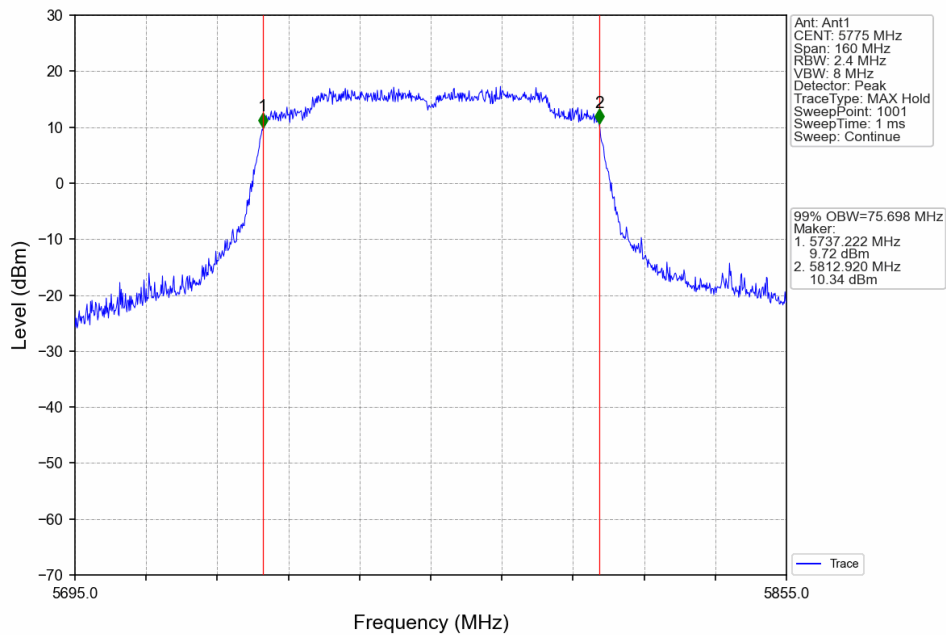
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802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



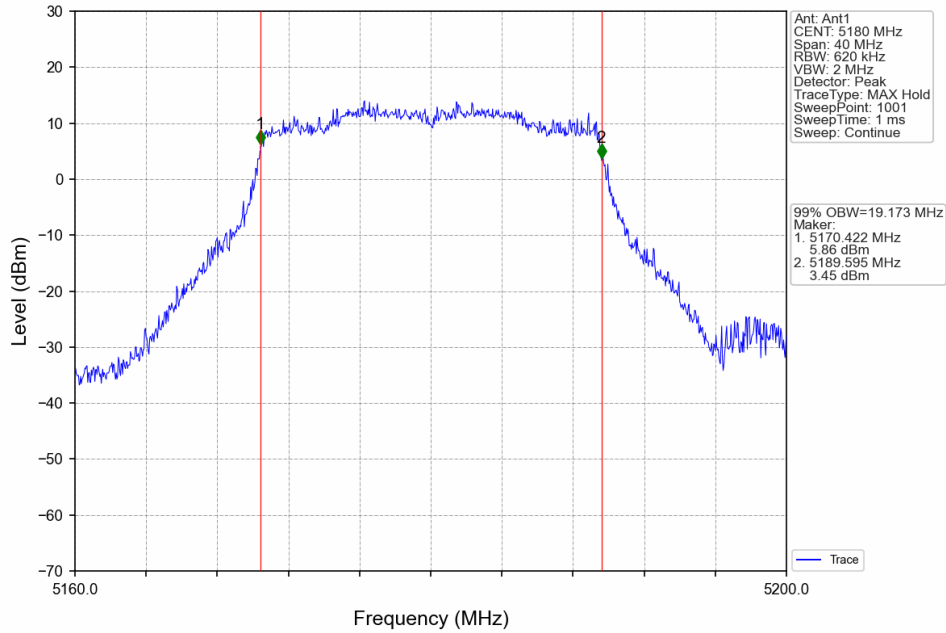
802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



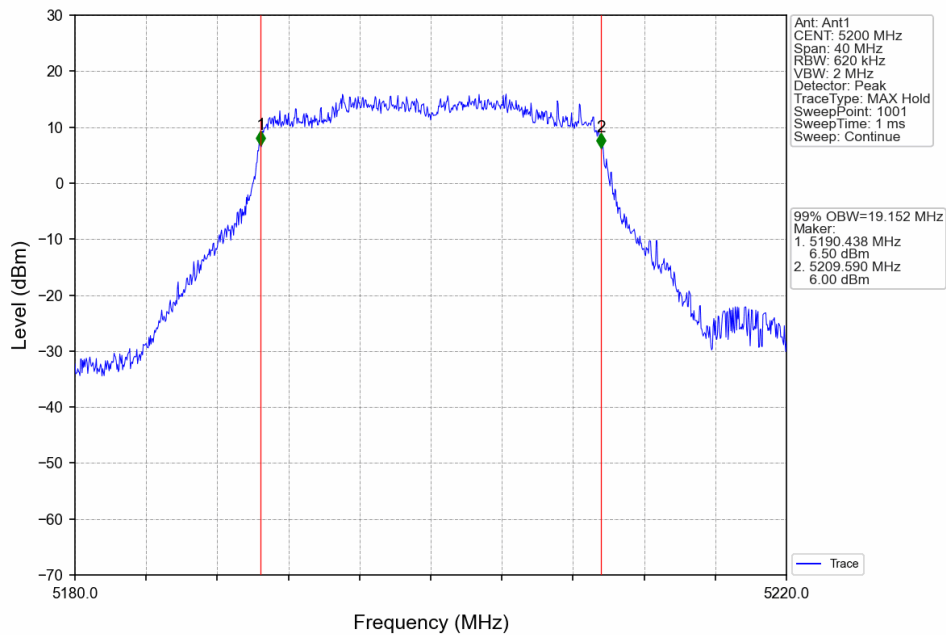
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802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_Ant1\_NTNV

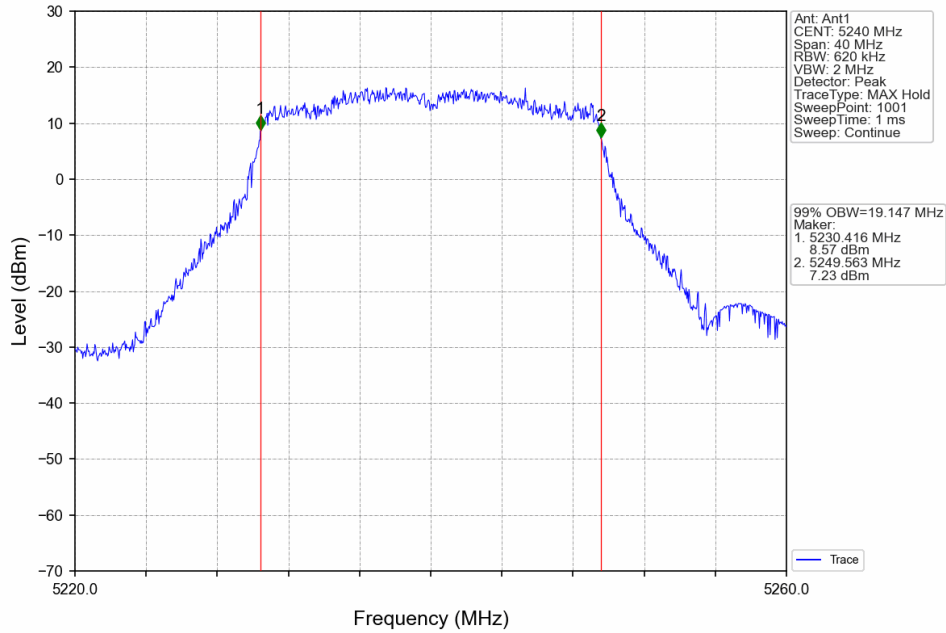


802.11ax(HEW20)\_MCH\_5200MHz\_RU242\_Left\_Ant1\_NTNV

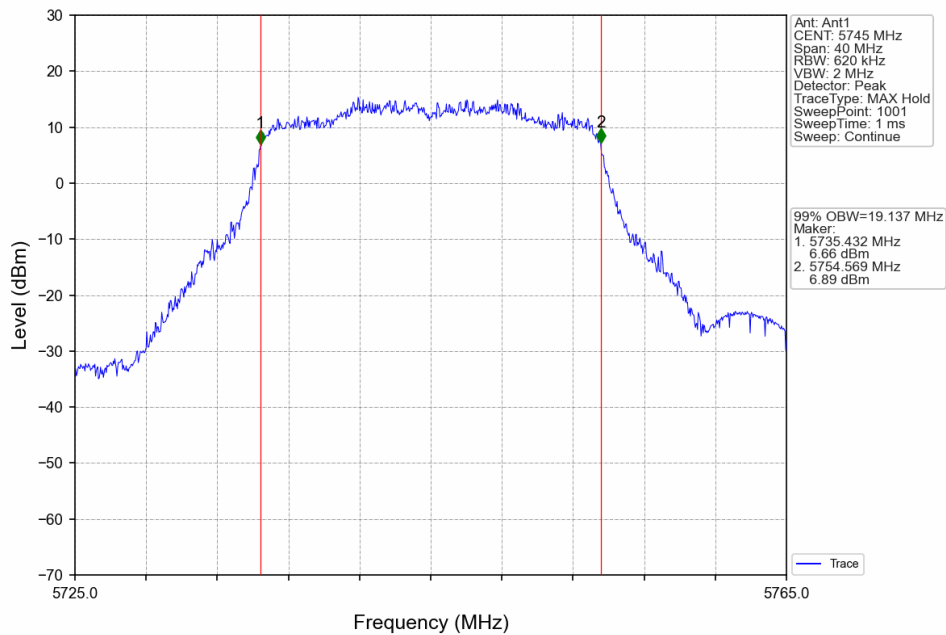


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### 802.11ax(HEW20)\_HCH\_5240MHz\_RU242\_Left\_Ant1\_NTNV



### 802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant1\_NTNV

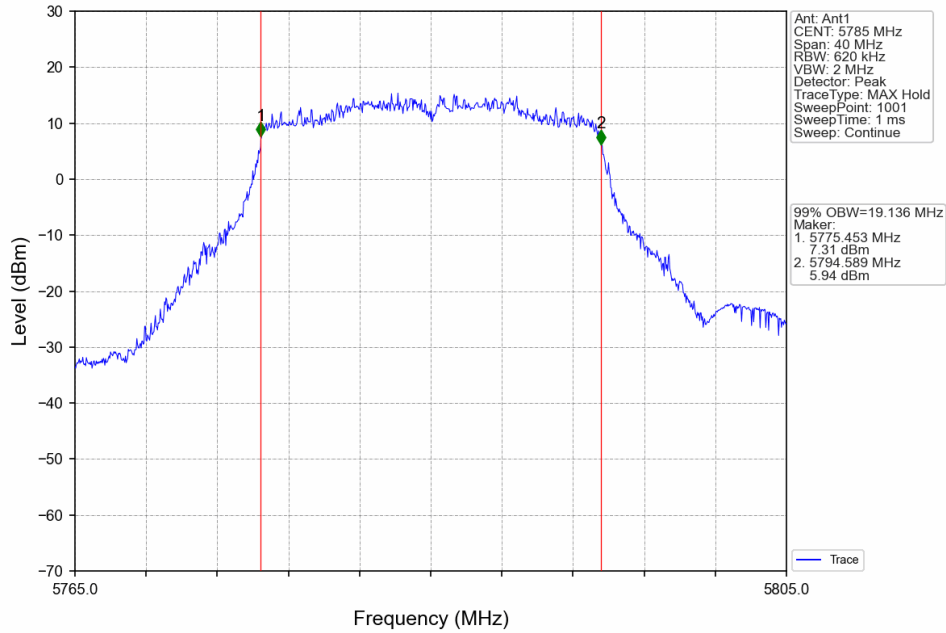


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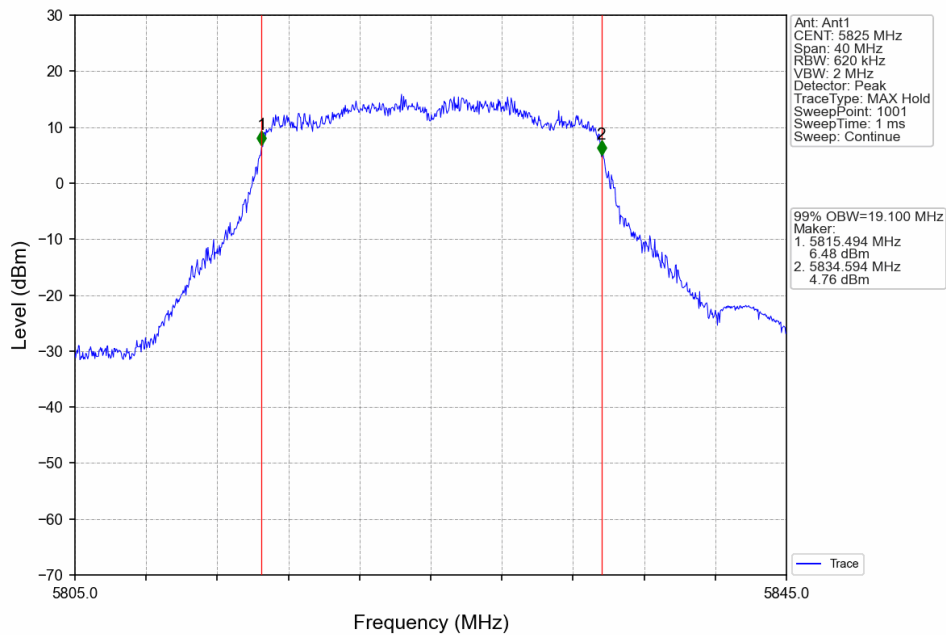
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802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant1\_NTNV



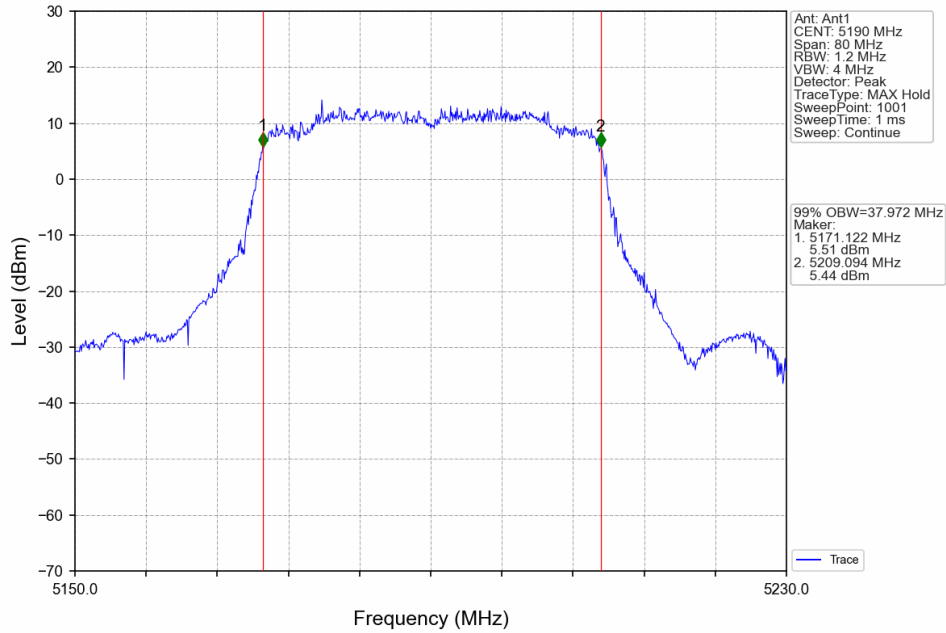
802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant1\_NTNV



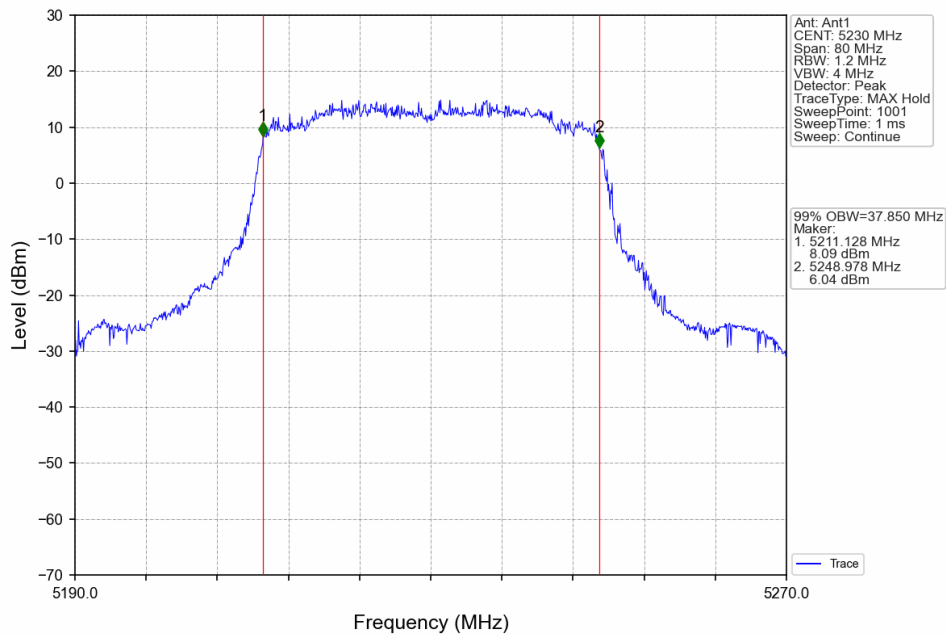
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802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant1\_NTNV



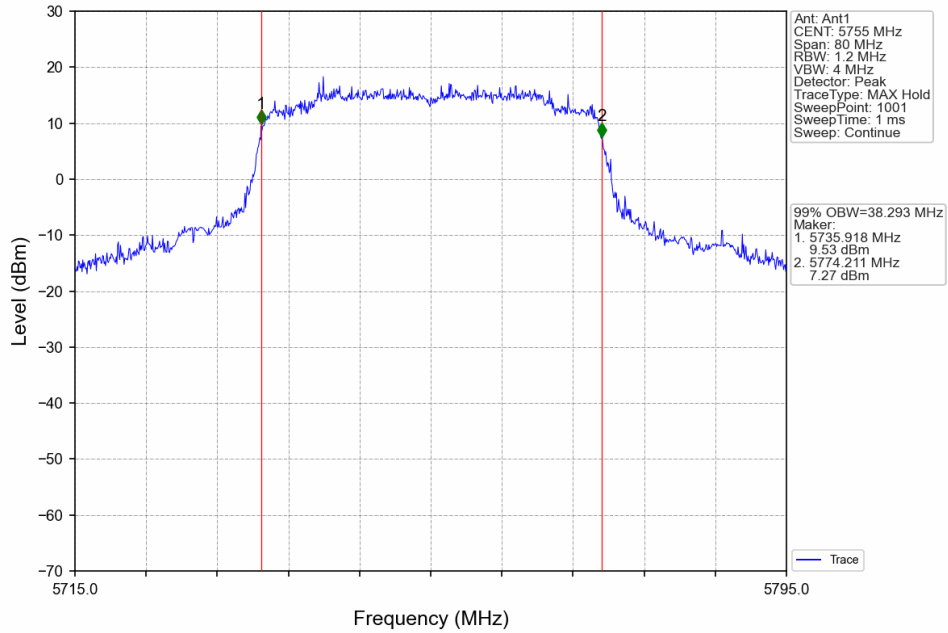
802.11ax(HEW40)\_HCH\_5230MHz\_RU484\_Left\_Ant1\_NTNV



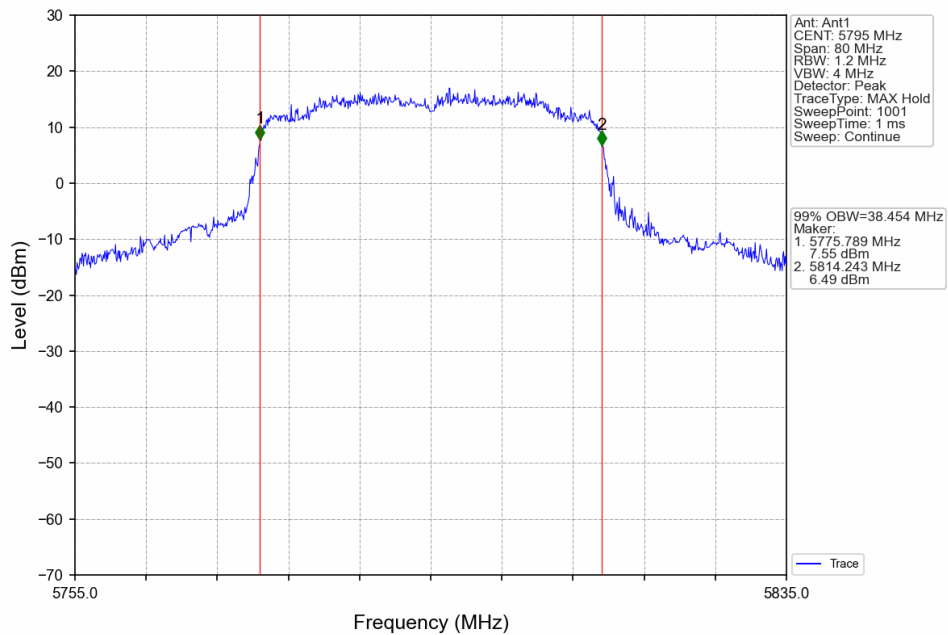
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802.11ax(HEW40)\_LCH\_5755MHz\_RU484\_Left\_Ant1\_NTNV

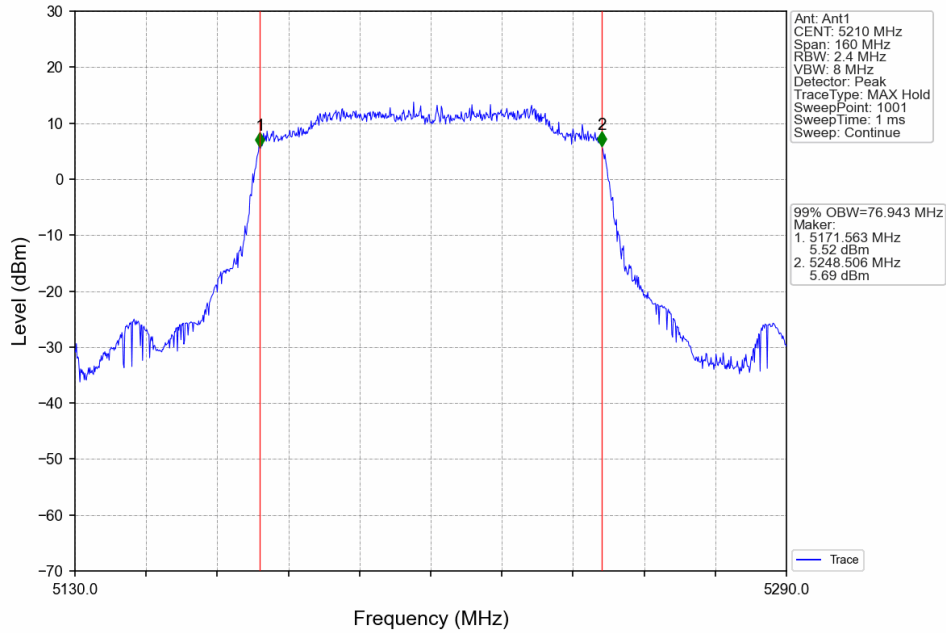


802.11ax(HEW40)\_HCH\_5795MHz\_RU484\_Left\_Ant1\_NTNV

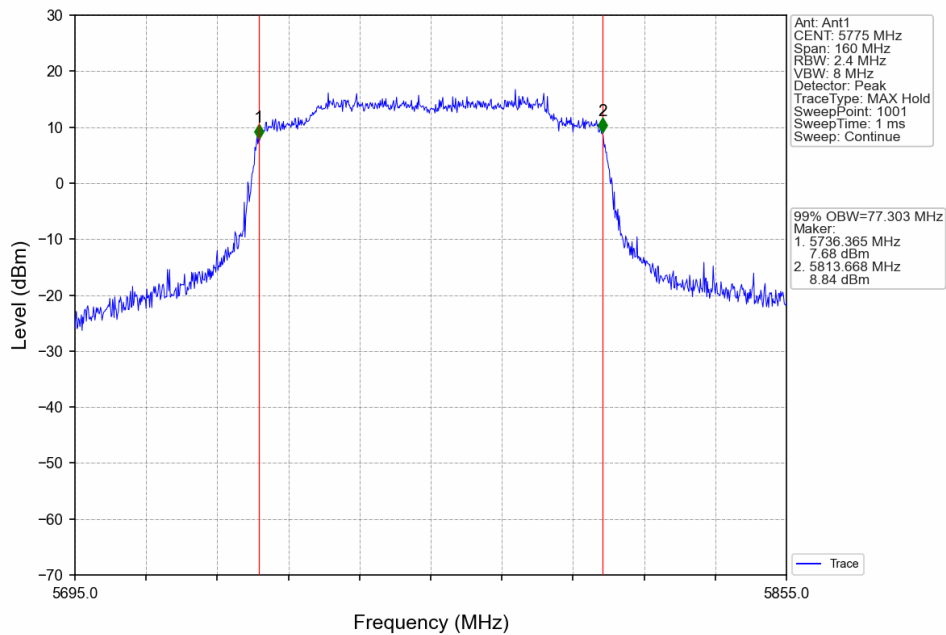


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### 802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_Ant1\_NTNV



### 802.11ax(HEW80)\_MCH\_5775MHz\_RU996\_Left\_Ant1\_NTNV



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2.2 6dB BW

2.2.1 Test Result

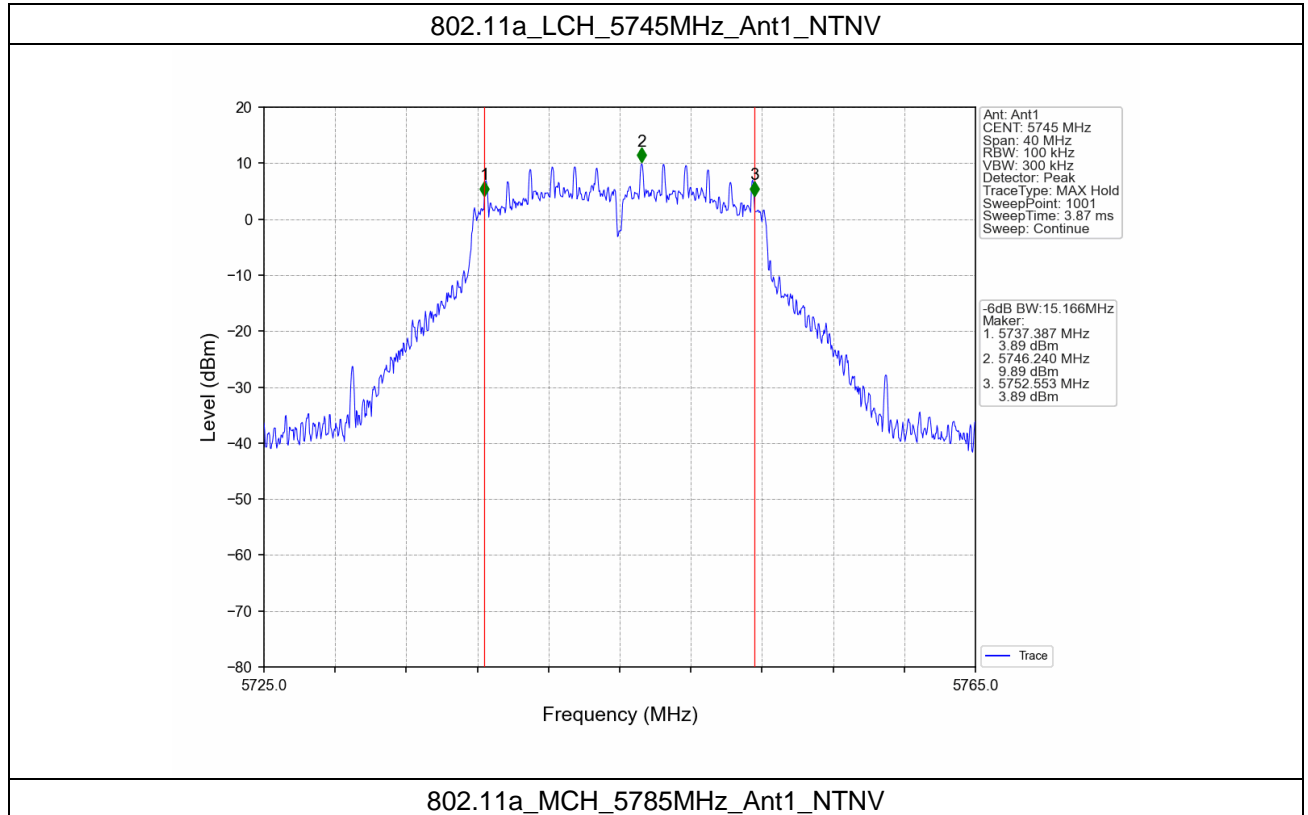
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	15.166	>=0.5	Pass
		5785	/	/	1	15.167	>=0.5	Pass
		5825	/	/	1	15.146	>=0.5	Pass
802.11n (HT20)	MIMO	5745	/	/	1	15.165	>=0.5	Pass
		5785	/	/	1	15.121	>=0.5	Pass
		5825	/	/	1	16.028	>=0.5	Pass
802.11n (HT40)	MIMO	5755	/	/	1	32.964	>=0.5	Pass
		5795	/	/	1	35.072	>=0.5	Pass
802.11ac (VHT20)	MIMO	5745	/	/	1	15.158	>=0.5	Pass
		5785	/	/	1	15.336	>=0.5	Pass
		5825	/	/	1	15.049	>=0.5	Pass
802.11ac (VHT40)	MIMO	5755	/	/	1	33.783	>=0.5	Pass
		5795	/	/	1	35.067	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	/	/	1	75.109	>=0.5	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	1	15.171	>=0.5	Pass
		5785	RU242	Left	1	15.174	>=0.5	Pass
		5825	RU242	Left	1	15.120	>=0.5	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	1	32.597	>=0.5	Pass
		5795	RU484	Left	1	35.334	>=0.5	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	1	75.110	>=0.5	Pass



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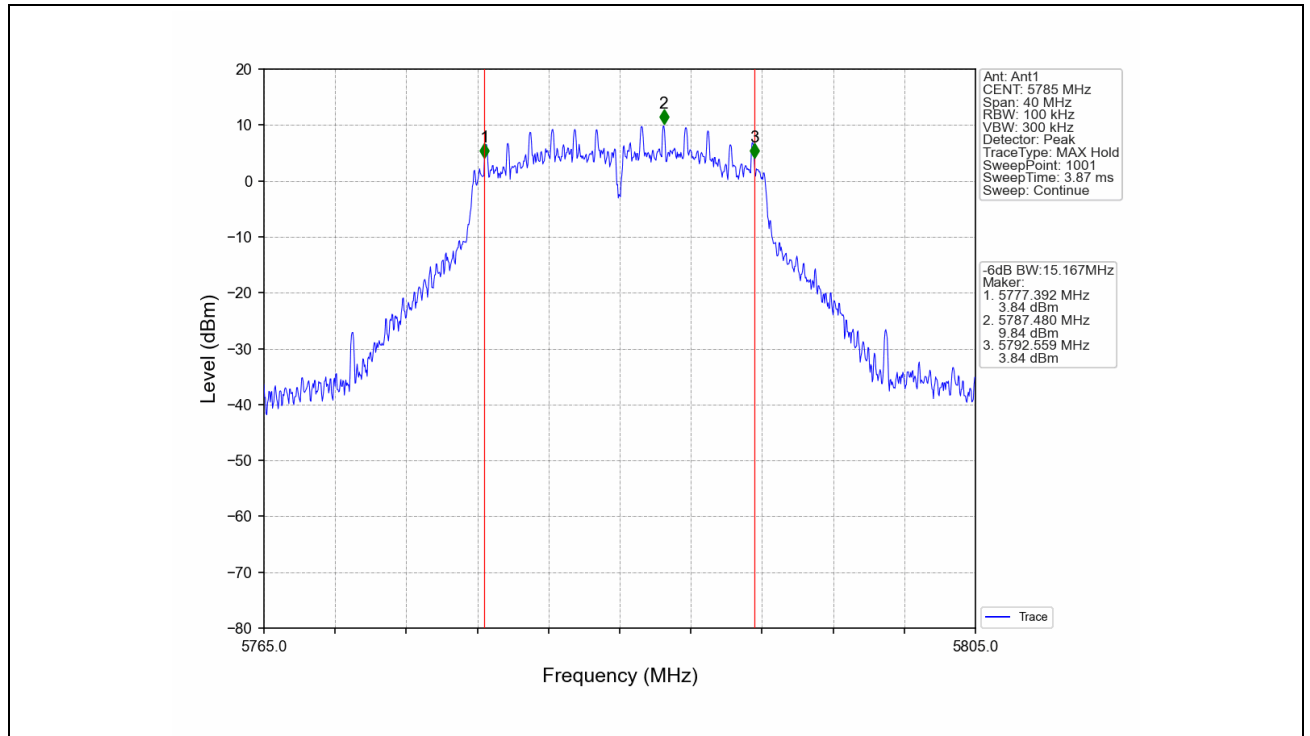
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 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn  
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

### 2.2.2 Test Graph



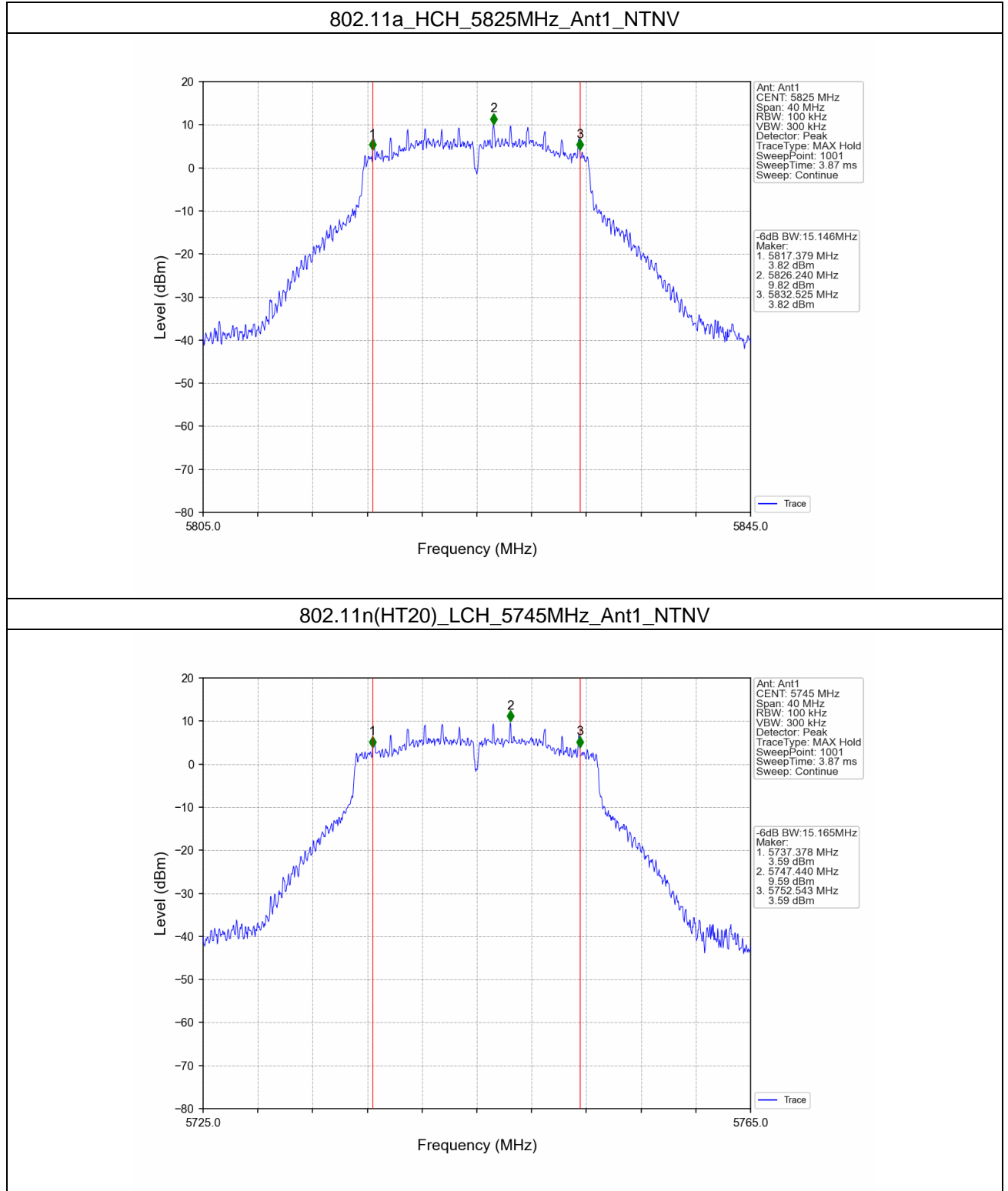
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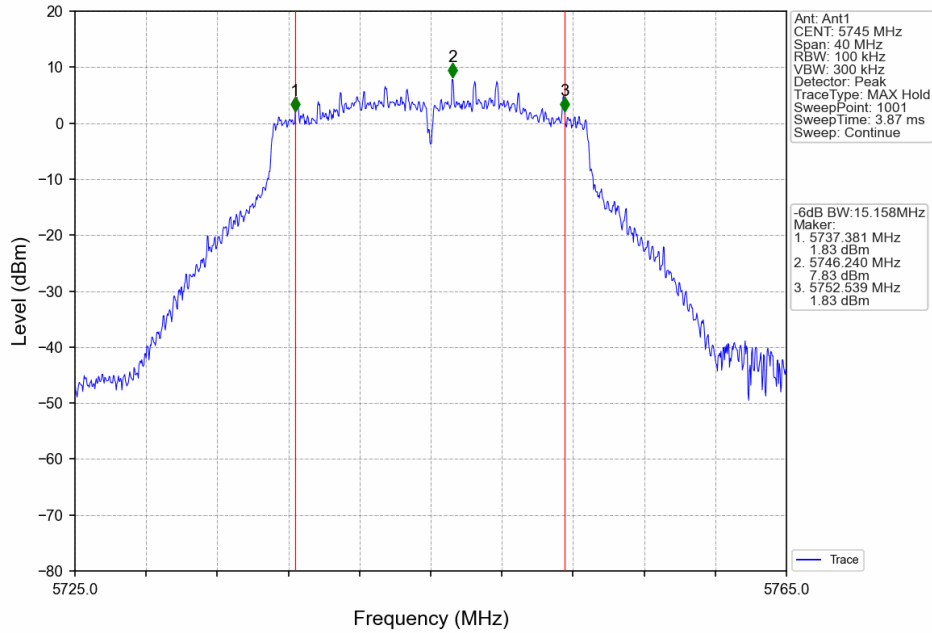
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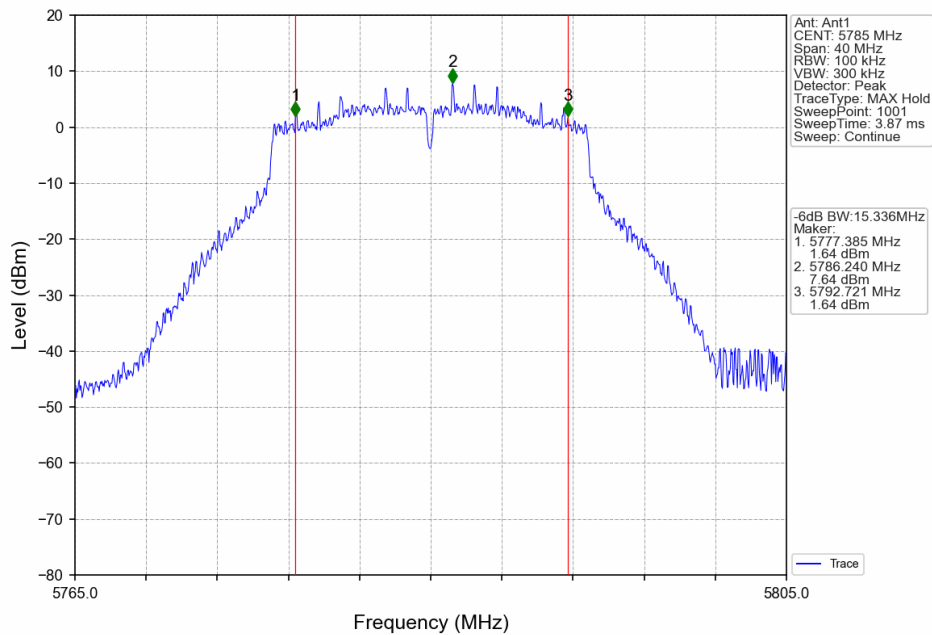




### 802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



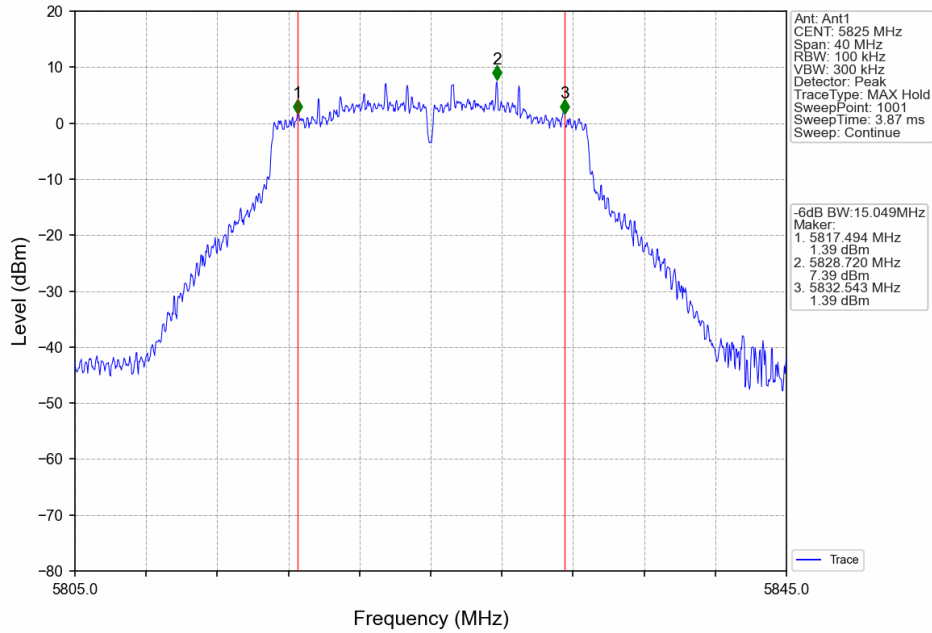
### 802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



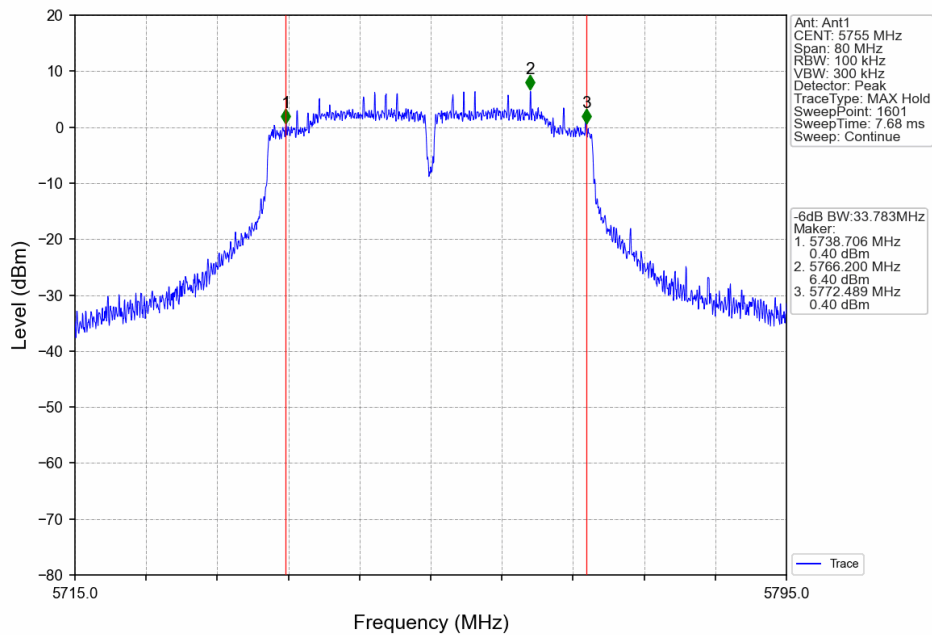
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### 802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



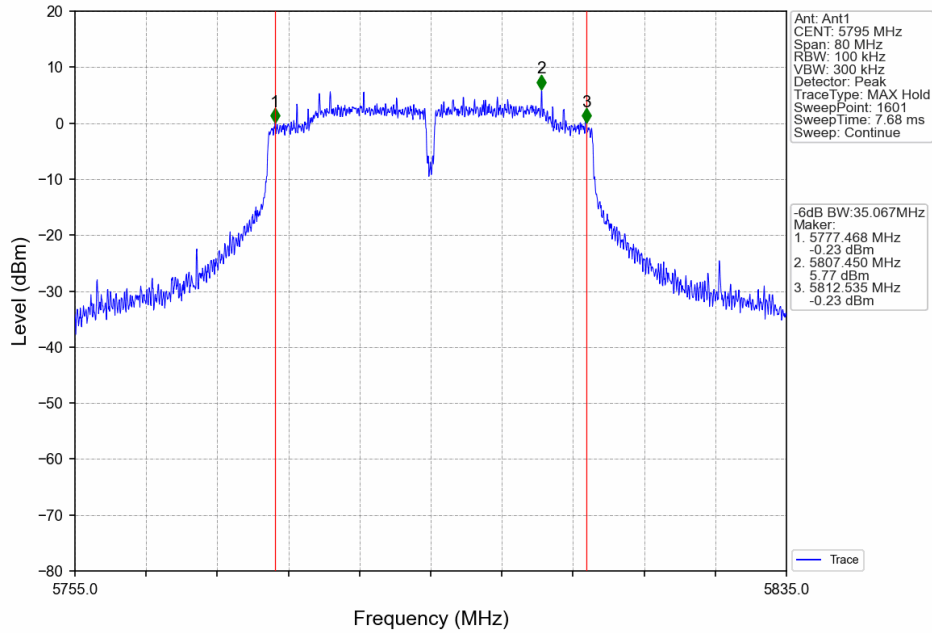
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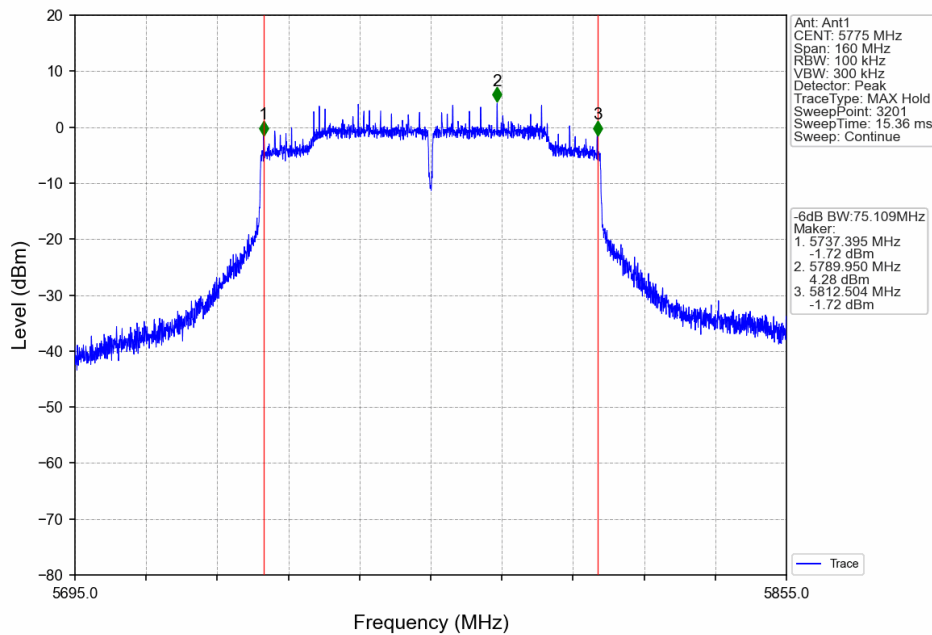
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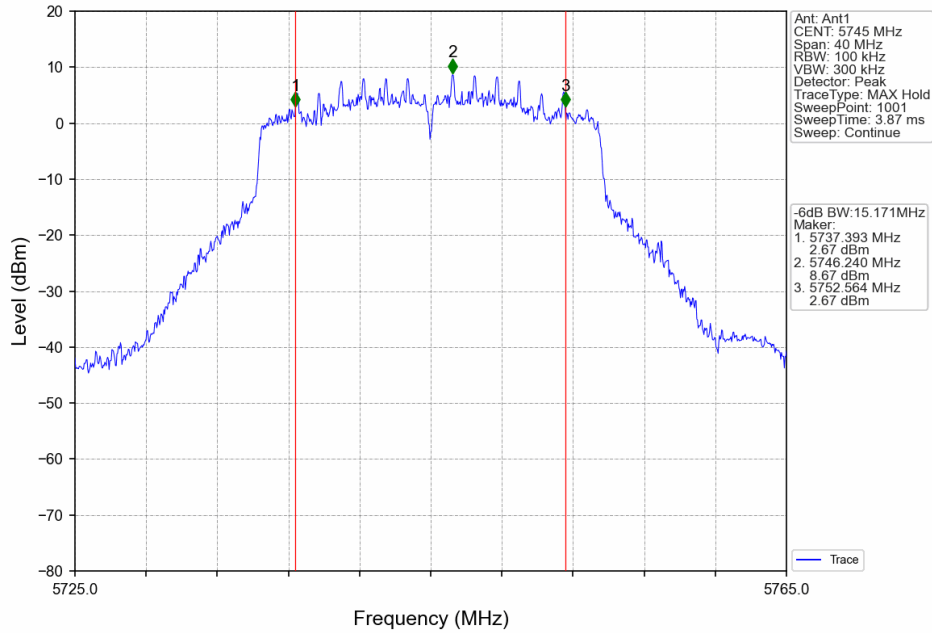
### 802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



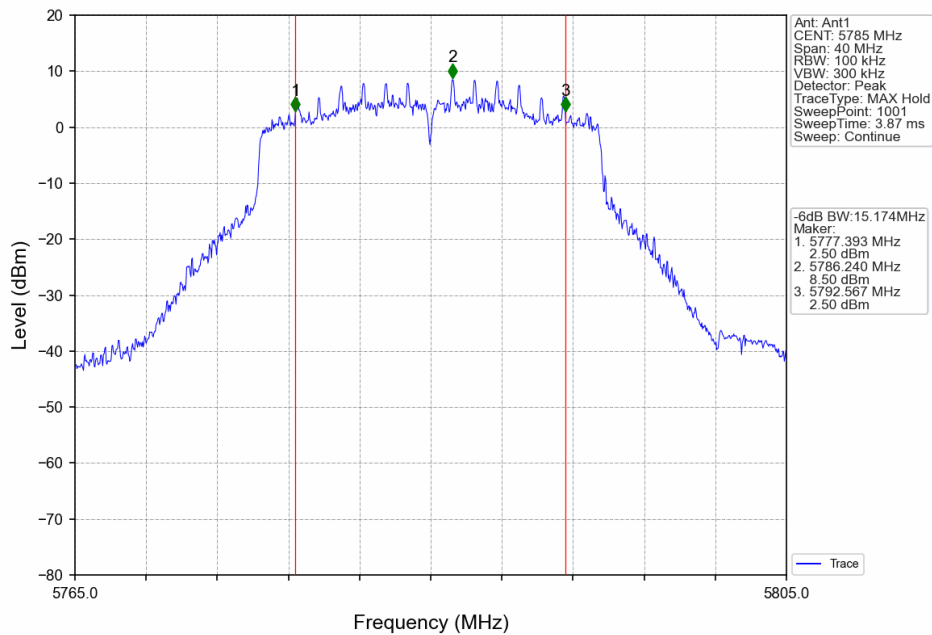
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802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant1\_NTNV



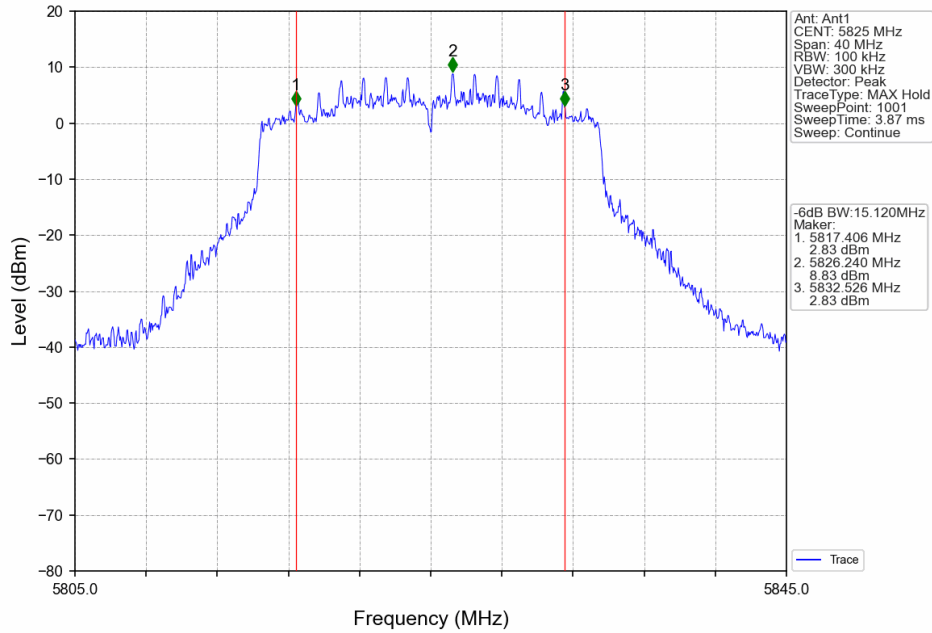
802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant1\_NTNV



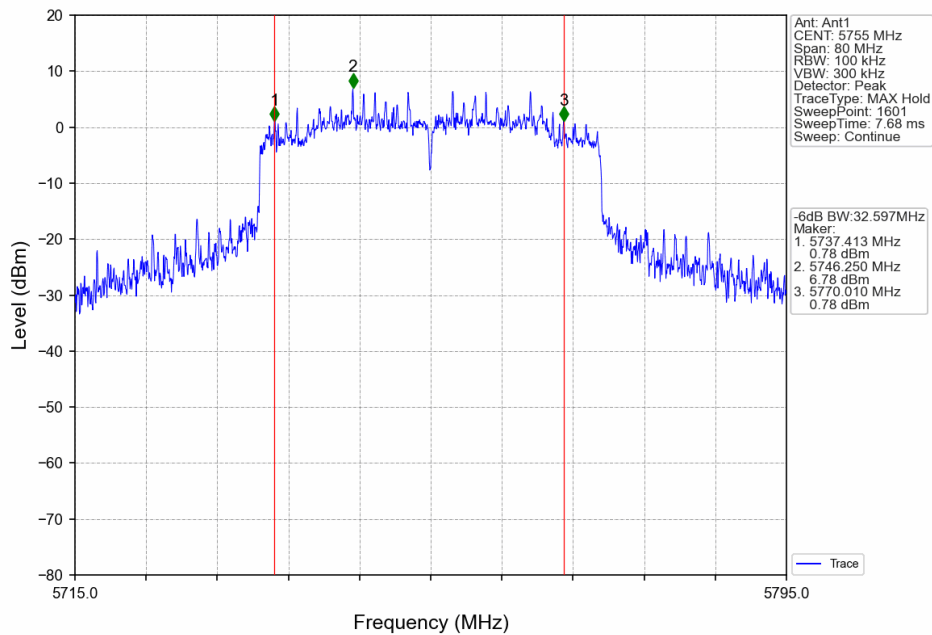
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### 802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant1\_NTNV



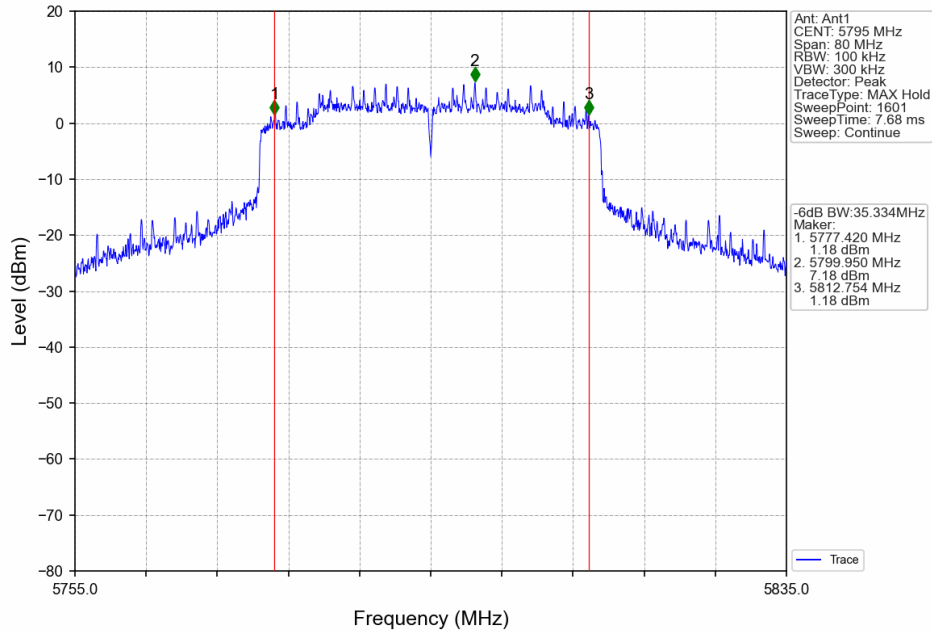
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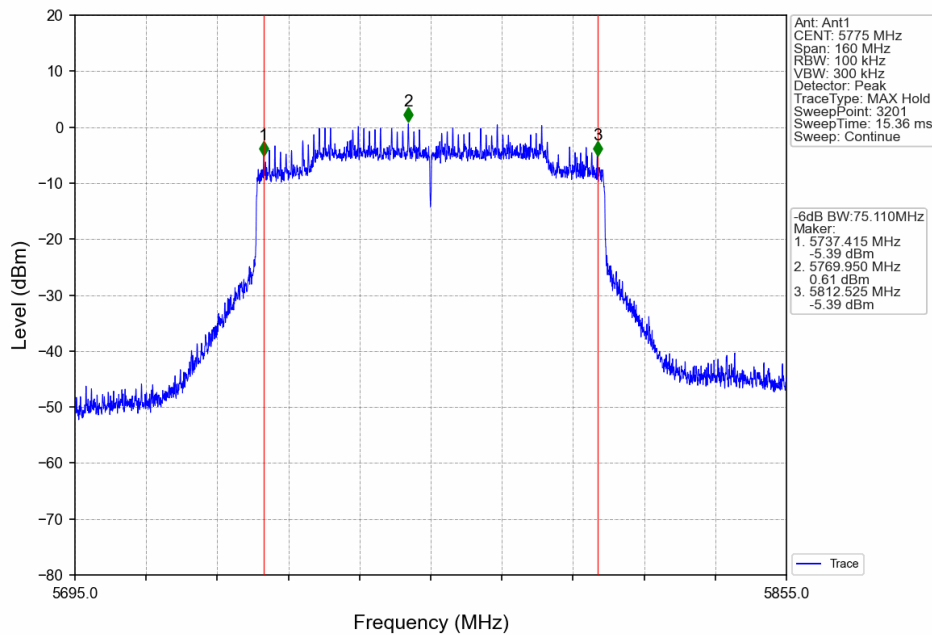
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802.11ax(HEW40)\_HCH\_5795MHz\_RU484\_Left\_Ant1\_NTNV



802.11ax(HEW80)\_MCH\_5775MHz\_RU996\_Left\_Ant1\_NTNV



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2.3 26dB BW

2.3.1 Test Result

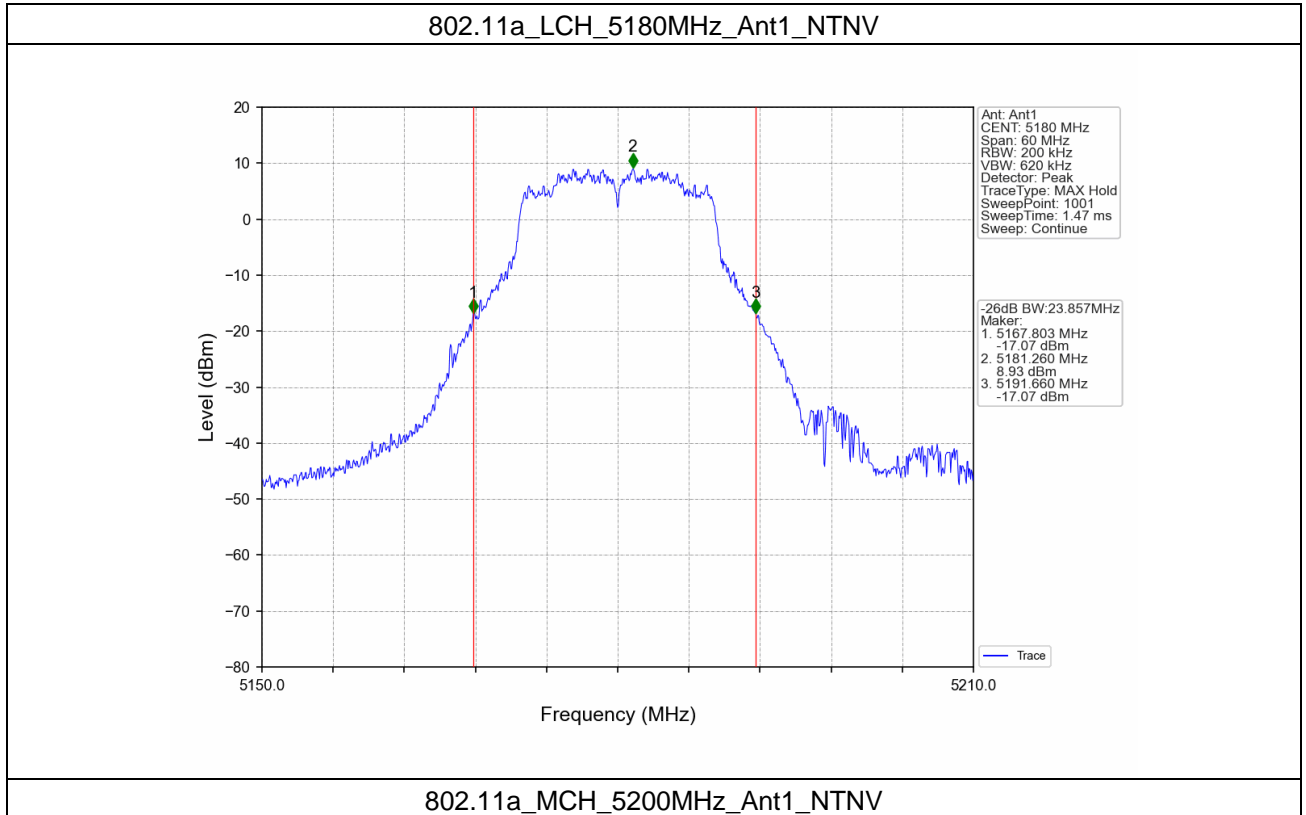
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	23.857	/	Pass
		5200	/	/	1	23.765	/	Pass
		5240	/	/	1	24.034	/	Pass
802.11n (HT20)	MIMO	5180	/	/	1	23.953	/	Pass
		5200	/	/	1	23.667	/	Pass
		5240	/	/	1	23.682	/	Pass
802.11n (HT40)	MIMO	5190	/	/	1	42.457	/	Pass
		5230	/	/	1	44.781	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	24.017	/	Pass
		5200	/	/	1	24.369	/	Pass
		5240	/	/	1	24.324	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	42.888	/	Pass
		5230	/	/	1	44.145	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	84.627	/	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	1	24.065	/	Pass
		5200	RU242	Left	1	23.377	/	Pass
		5240	RU242	Left	1	23.642	/	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	1	41.952	/	Pass
		5230	RU484	Left	1	42.151	/	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	1	83.207	/	Pass



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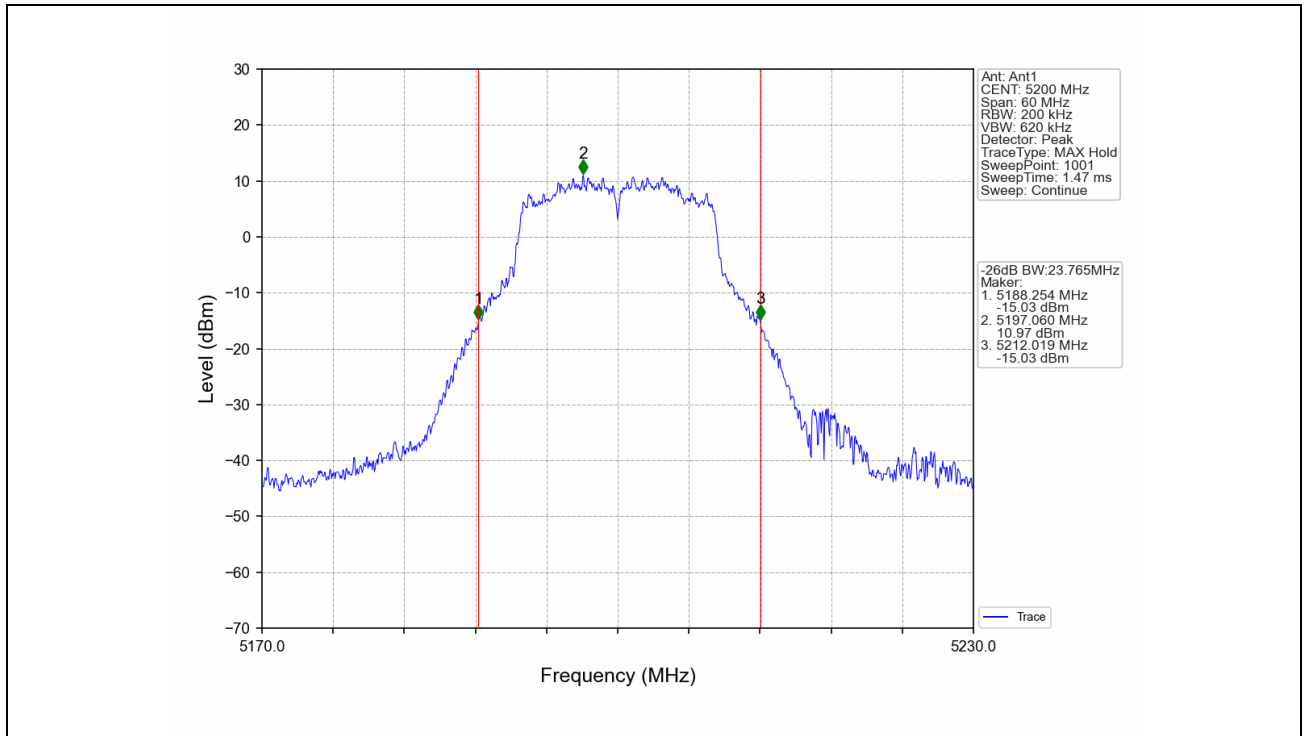
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### 2.3.2 Test Graph



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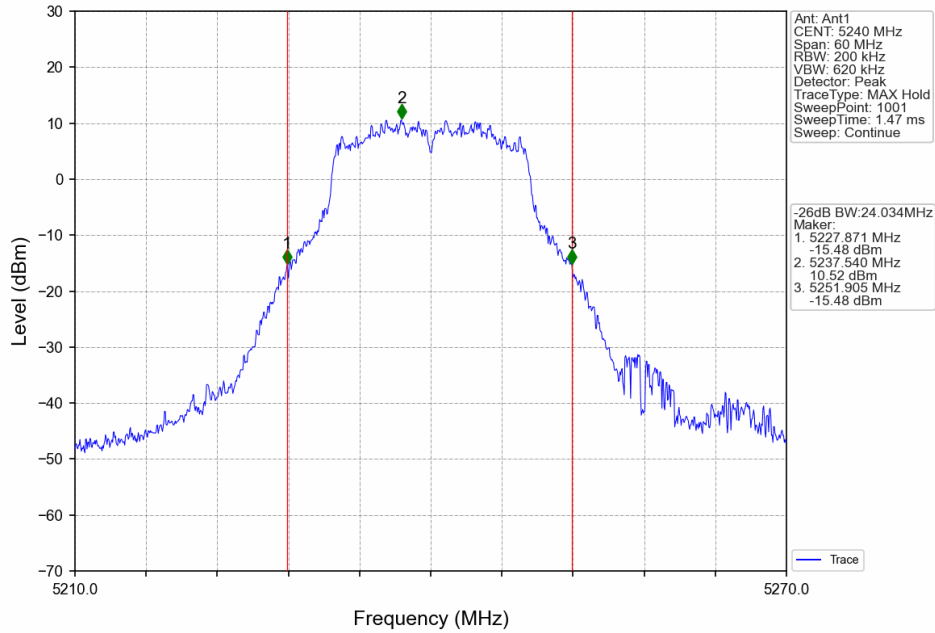
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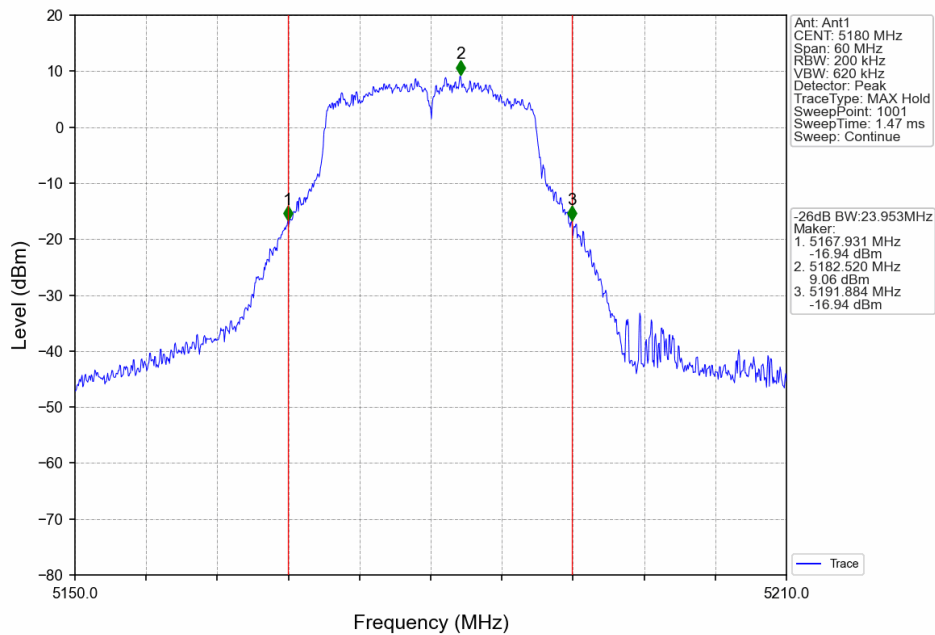
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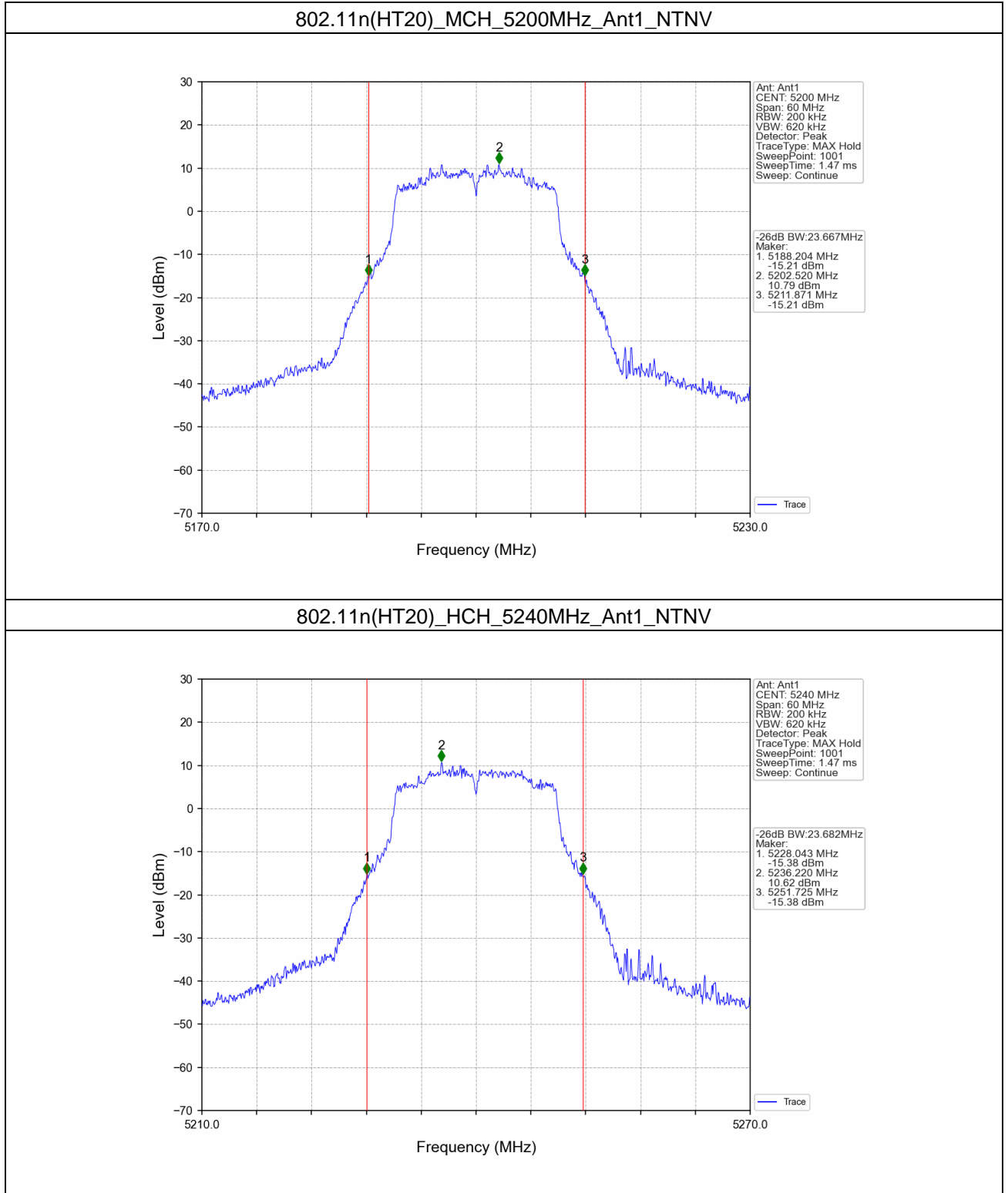
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV

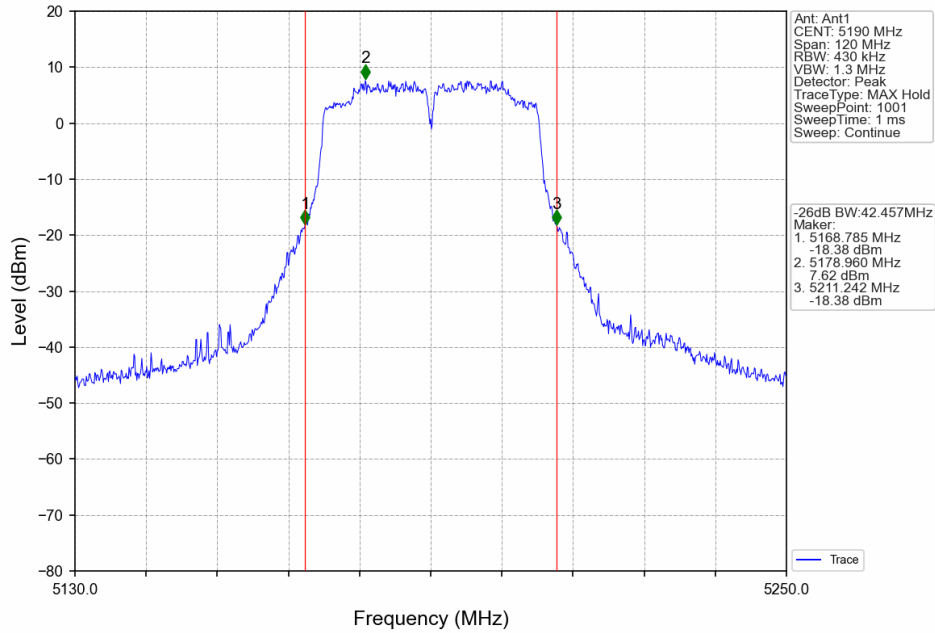


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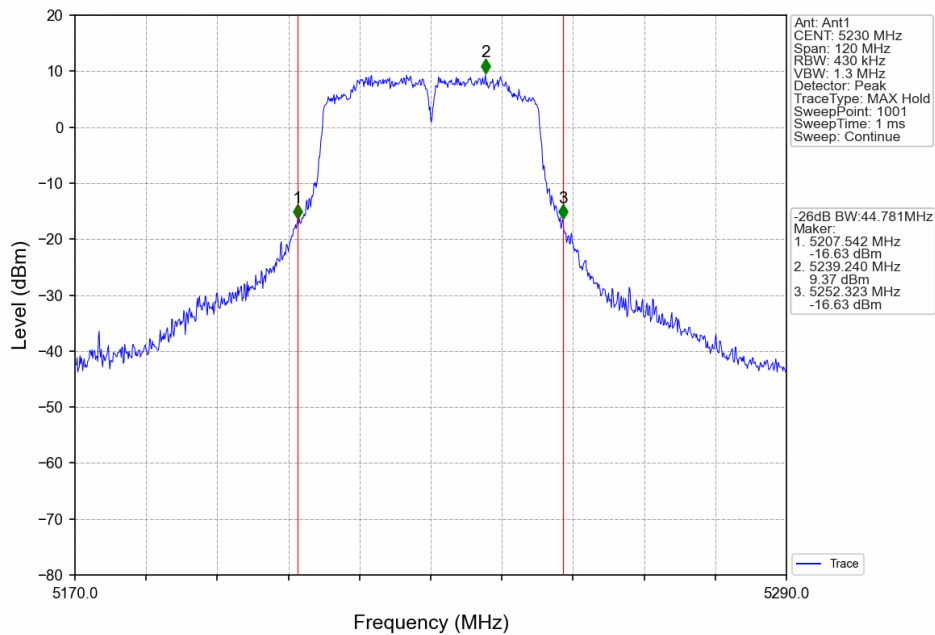


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### 802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



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



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