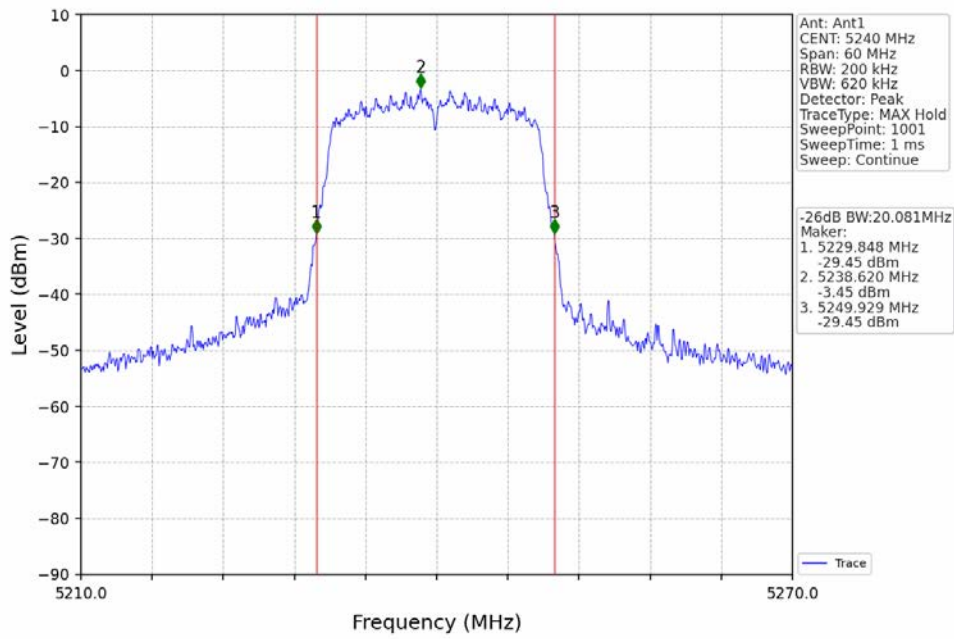
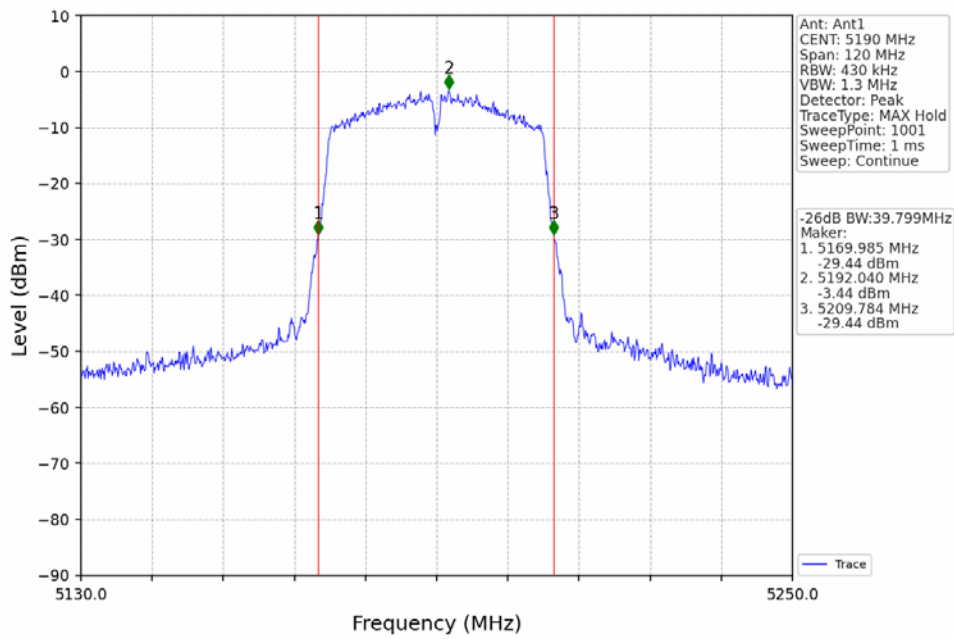


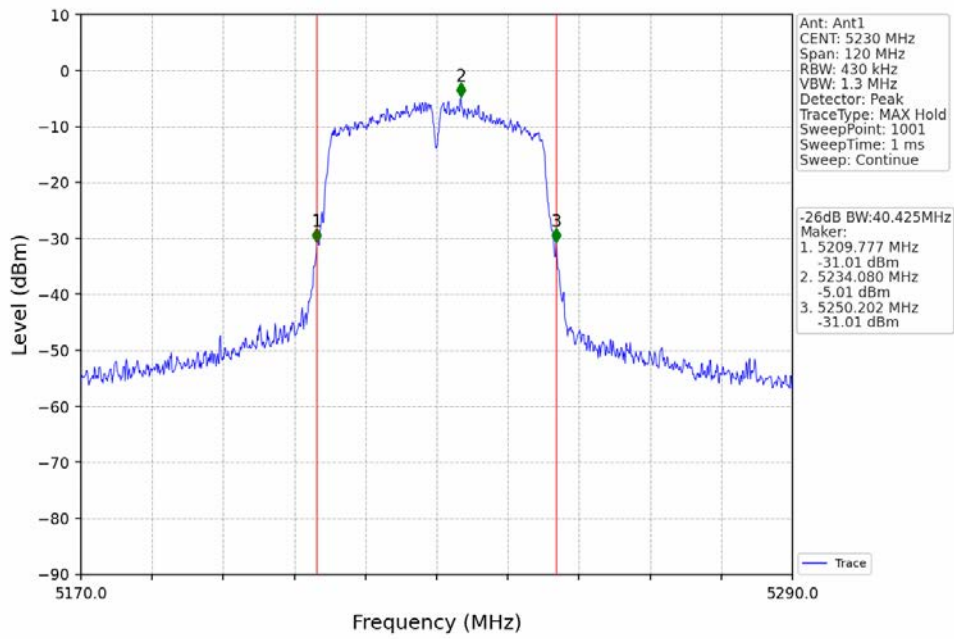
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



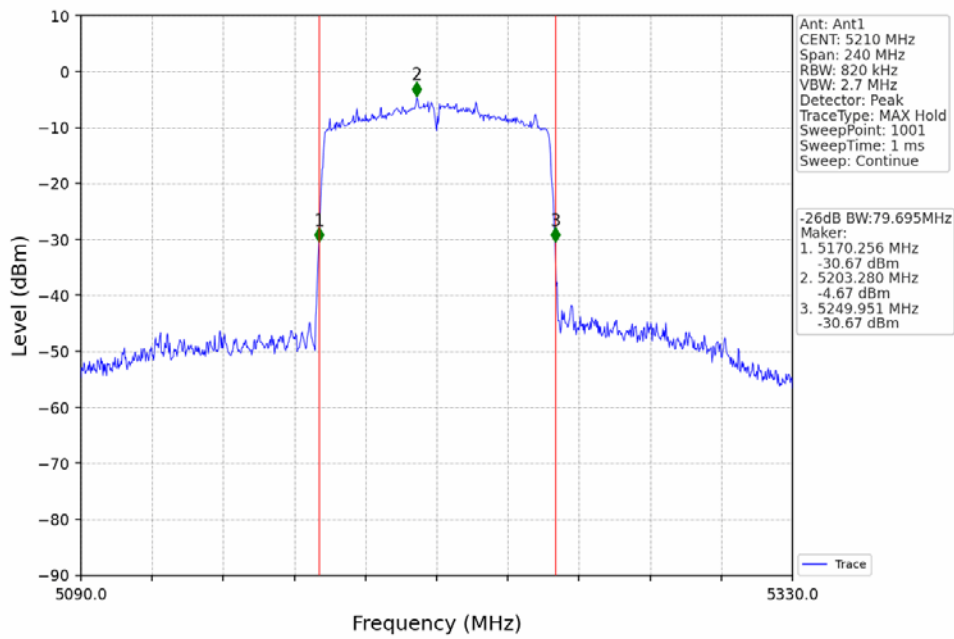
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



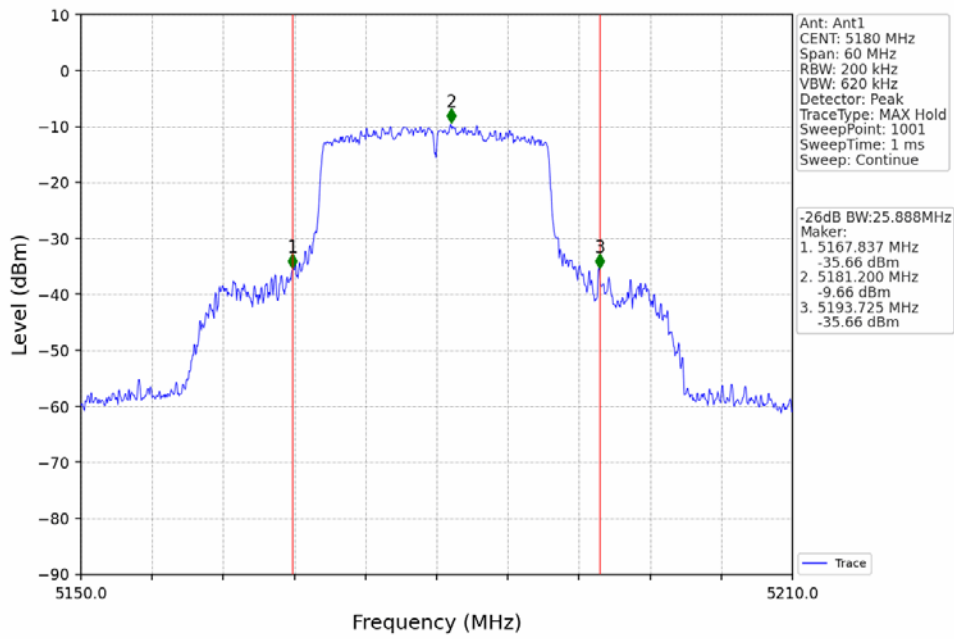
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



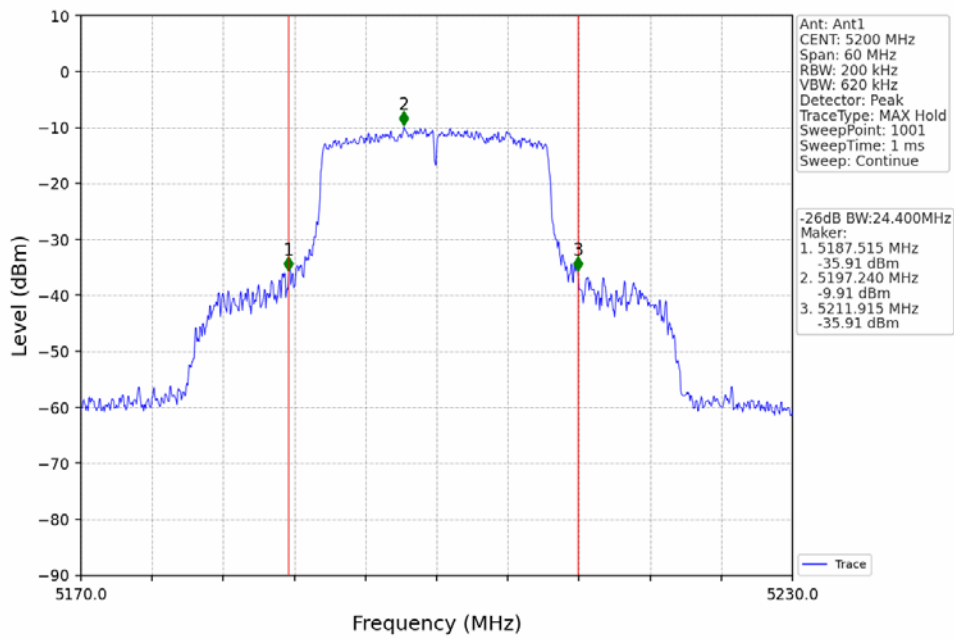
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



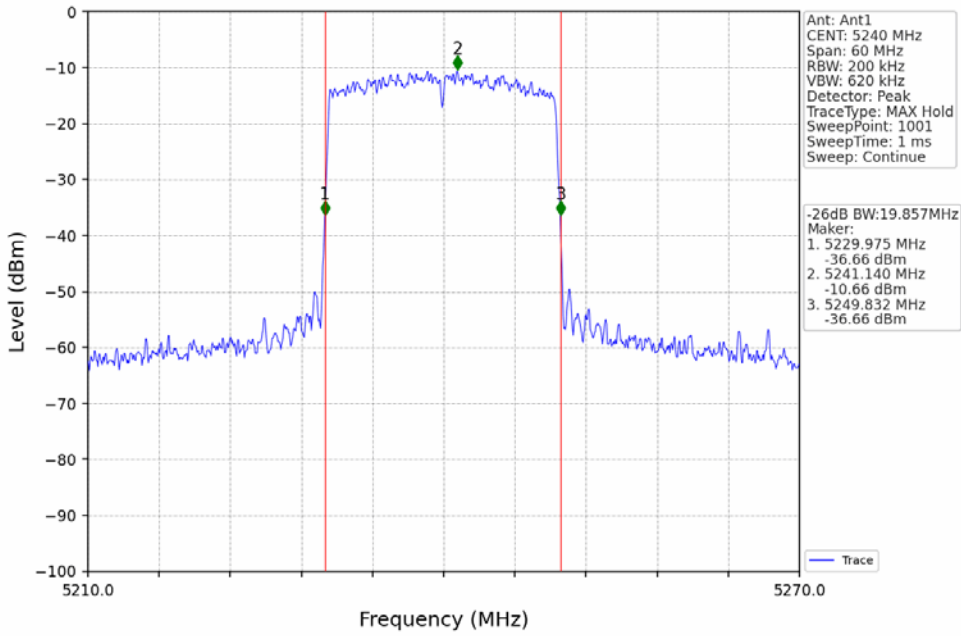
802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_Ant1\_NTNV



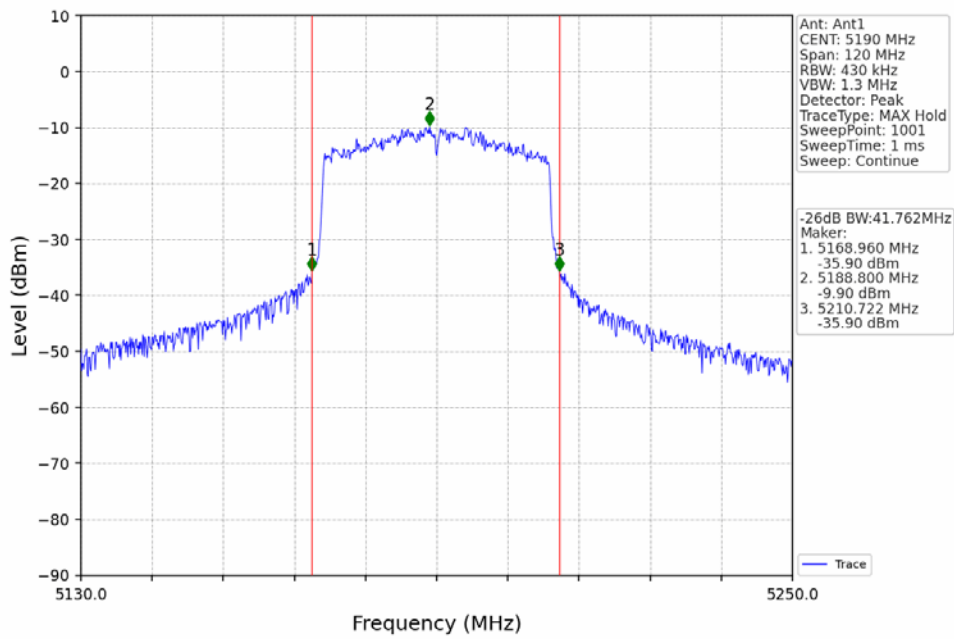
802.11ax(HEW20)\_MCH\_5200MHz\_RU242\_Left\_Ant1\_NTNV



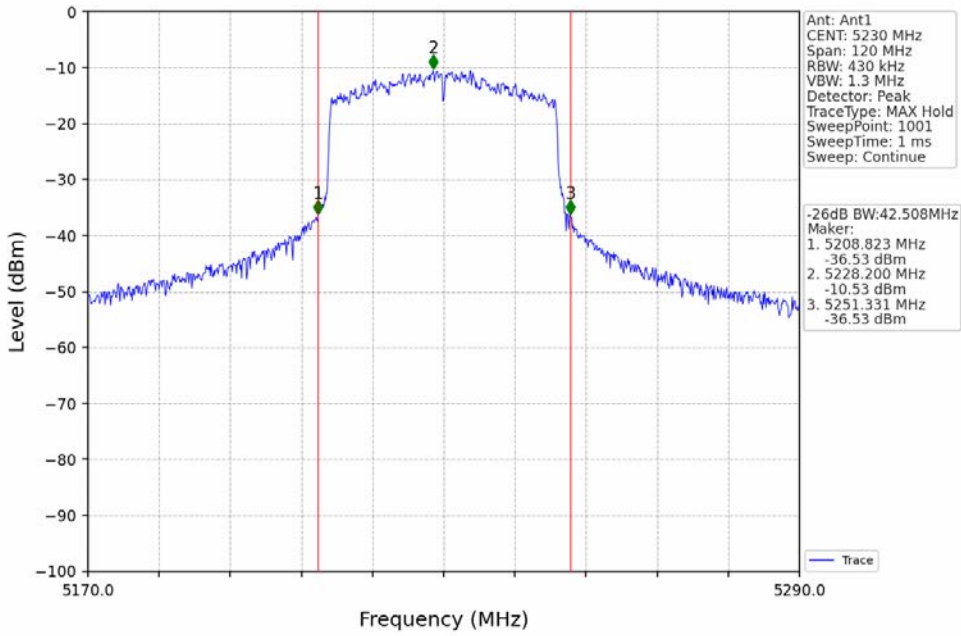
802.11ax(HEW20)\_HCH\_5240MHz\_RU242\_Left\_Ant1\_NTNV



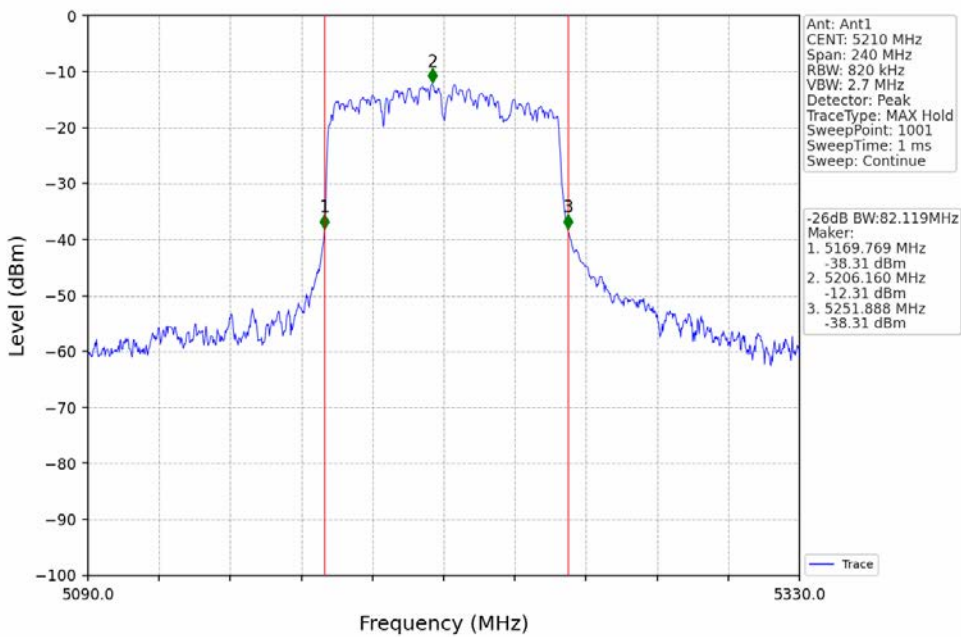
802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant1\_NTNV



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



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



## 3. Maximum Conducted Output Power

### 3.1 Power

#### 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	6.96	7.20	/	<=23.98	Pass
		5200	/	/	6.46	7.21	/	<=23.98	Pass
		5240	/	/	6.19	6.14	/	<=23.98	Pass
802.11n (HT20)	MIMO	5180	/	/	5.52	4.62	8.10	<=23.98	Pass
		5200	/	/	5.29	4.63	7.98	<=23.98	Pass
		5240	/	/	5.44	4.42	7.97	<=23.98	Pass
802.11n (HT40)	MIMO	5190	/	/	5.39	4.34	7.91	<=23.98	Pass
		5230	/	/	5.37	4.06	7.77	<=23.98	Pass
802.11ac (VHT20)	MIMO	5180	/	/	5.72	3.81	7.88	<=23.98	Pass
		5200	/	/	5.58	4.62	8.14	<=23.98	Pass
		5240	/	/	5.42	4.76	8.11	<=23.98	Pass
802.11ac (VHT40)	MIMO	5190	/	/	5.21	4.10	7.70	<=23.98	Pass
		5230	/	/	5.27	4.16	7.76	<=23.98	Pass
802.11ac (VHT80)	MIMO	5210	/	/	4.21	3.24	6.76	<=23.98	Pass
		5290	/	/	3.47	3.20	6.35	<=23.98	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	-0.11	-1.39	2.31	<=23.98	Pass
		5200	RU242	Left	-0.25	-1.54	2.16	<=23.98	Pass
		5240	RU242	Left	-0.93	-1.86	1.64	<=23.98	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	-1.47	-2.13	1.22	<=23.98	Pass
		5230	RU484	Left	-2.05	-2.56	0.71	<=23.98	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	-1.51	-2.42	1.07	<=23.98	Pass

Note1: Antenna Gain: Ant1: 1.18dBi; Ant2: 1.18dBi;  
 Note2: Directional Gain: 1.18dBi,

## 4. Maximum Power Spectral Density

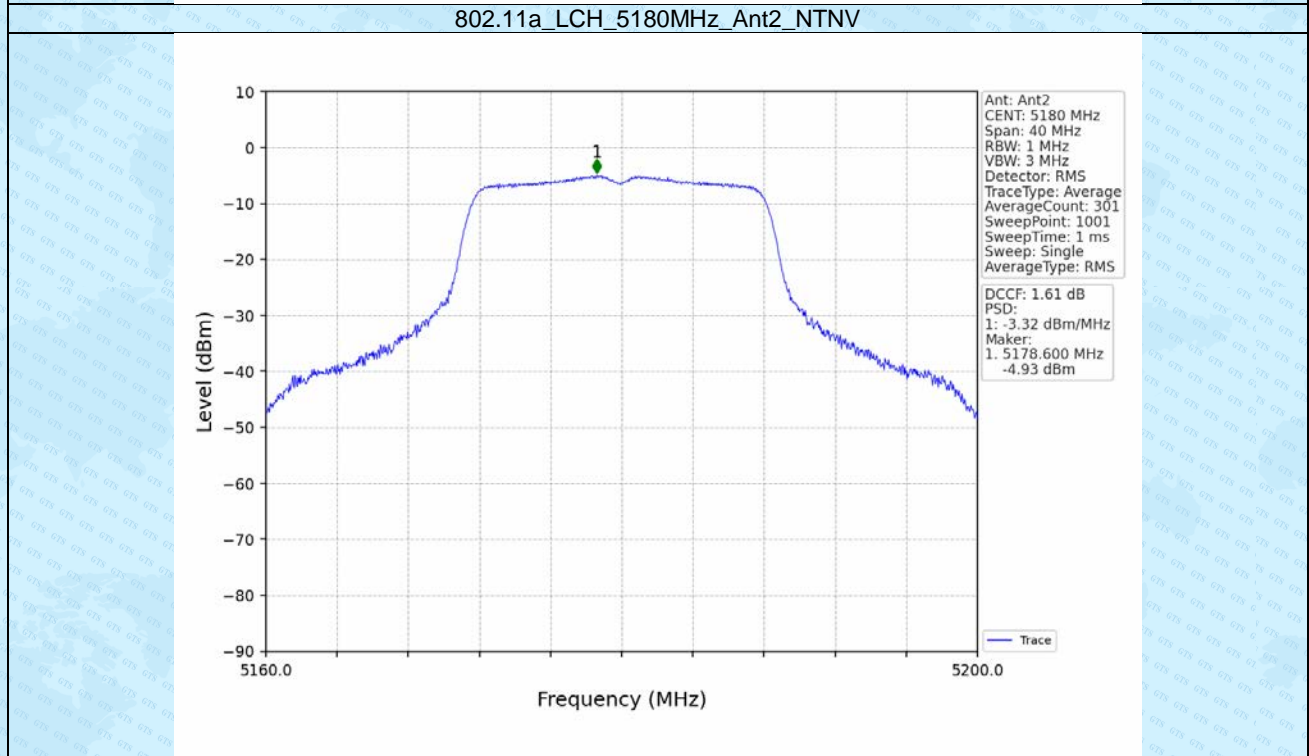
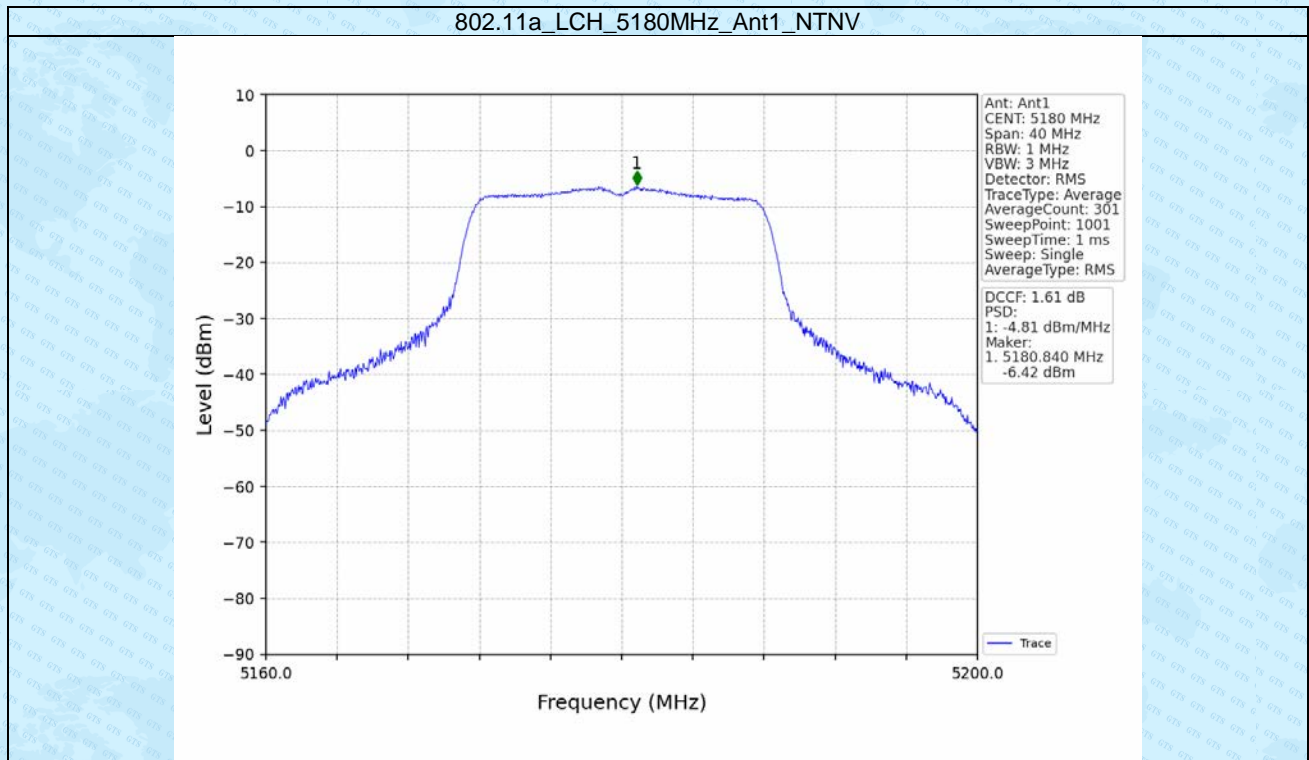
### 4.1 PSD

#### 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	-4.81	-3.32	/	<=11	Pass
		5200	/	/	-5.07	-3.26	/	<=11	Pass
		5240	/	/	-5.34	-4.18	/	<=11	Pass
802.11n (HT20)	MIMO	5180	/	/	-4.15	-4.85	-1.50	<=11	Pass
		5200	/	/	-4.40	-5.12	-1.79	<=11	Pass
		5240	/	/	-5.19	-6.16	-2.70	<=11	Pass
802.11n (HT40)	MIMO	5190	/	/	-7.22	-8.05	-4.68	<=11	Pass
		5230	/	/	-8.63	-9.40	-6.09	<=11	Pass
802.11ac (VHT20)	MIMO	5180	/	/	-4.52	-4.83	-1.71	<=11	Pass
		5200	/	/	-4.63	-5.29	-2.01	<=11	Pass
		5240	/	/	-4.81	-6.22	-2.59	<=11	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-6.77	-8.40	-4.63	<=11	Pass
		5230	/	/	-8.88	-8.94	-6.08	<=11	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-12.23	-13.29	-9.79	<=11	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	-11.24	-12.52	-8.91	<=11	Pass
		5200	RU242	Left	-11.46	-12.65	-9.07	<=11	Pass
		5240	RU242	Left	-11.82	-12.68	-9.39	<=11	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	-14.28	-14.99	-11.96	<=11	Pass
		5230	RU484	Left	-14.85	-15.22	-12.38	<=11	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	-17.49	-17.62	-14.84	<=11	Pass

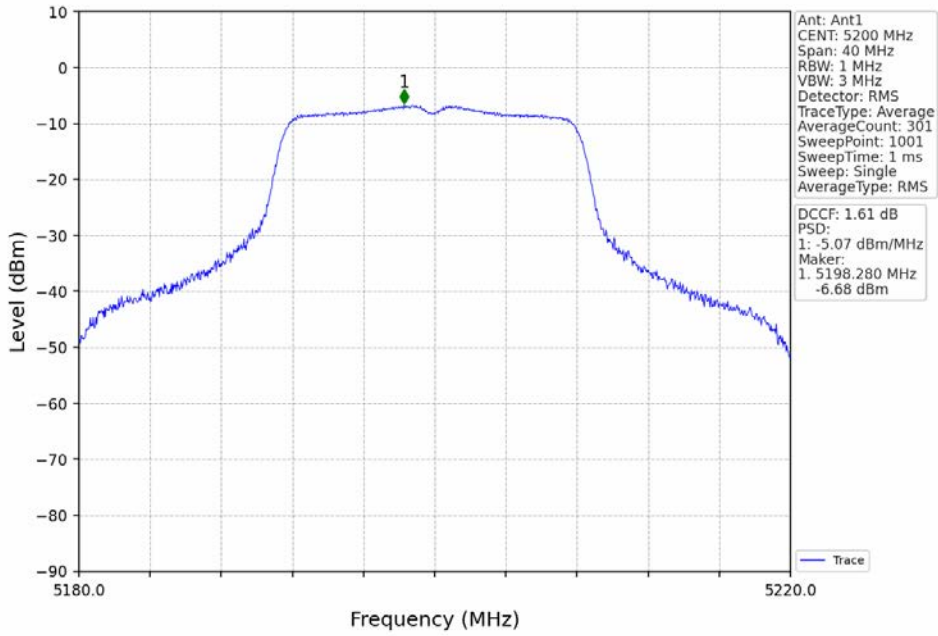
Note1: Antenna Gain: Ant1: 1.18dBi; Ant2: 1.18dBi;  
 Note2: Directional Gain: 4.19dBi,  
 Note3: Result contains DCCF

## 4.1.2 Test Graph

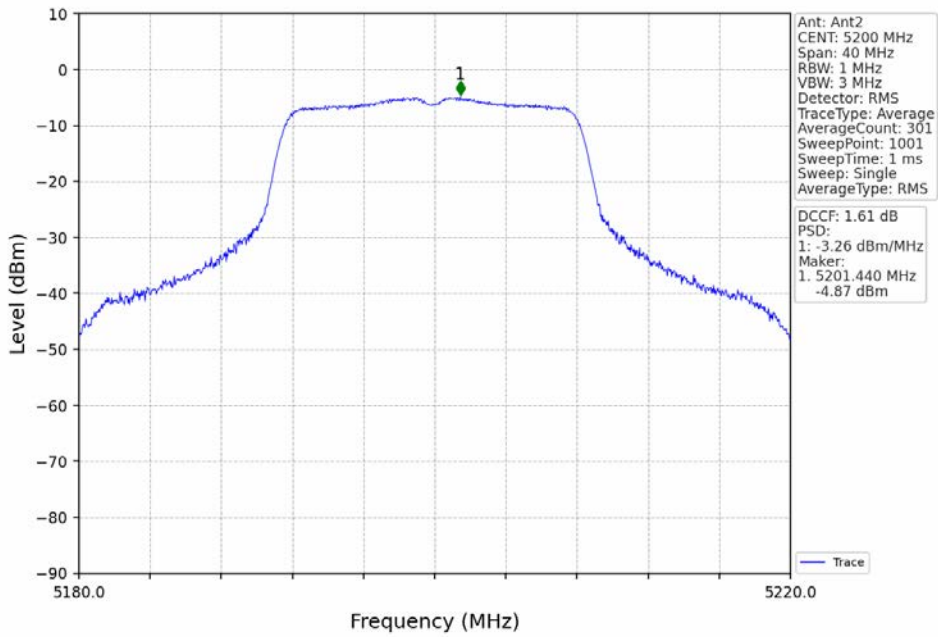




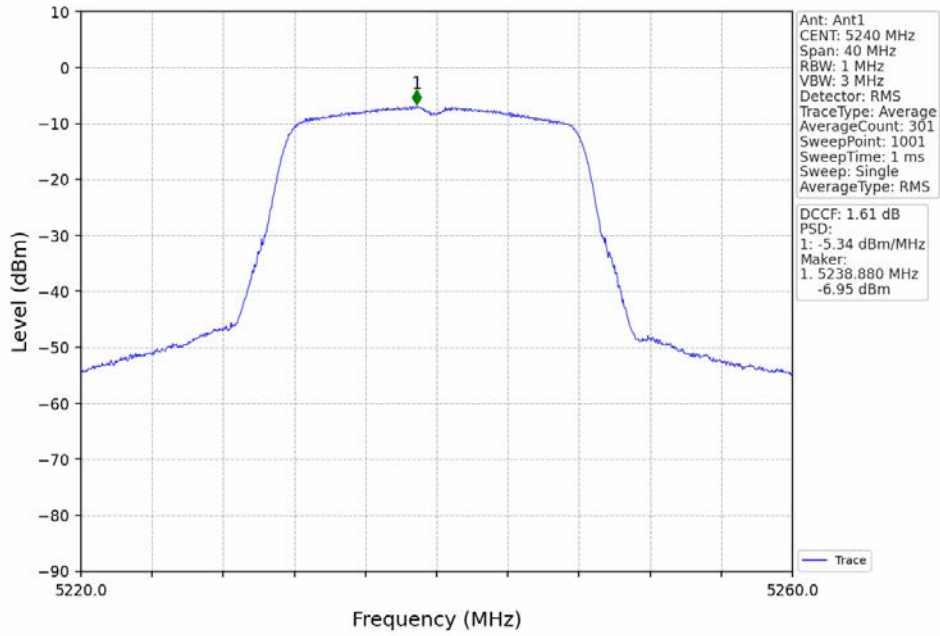
802.11a\_MCH\_5200MHz\_Ant1\_NTNV



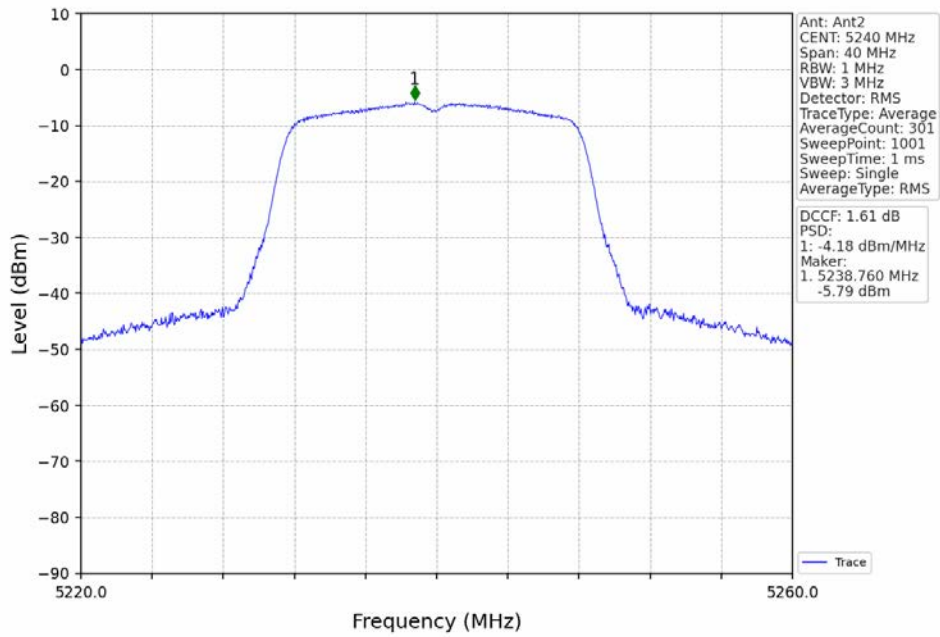
802.11a\_MCH\_5200MHz\_Ant2\_NTNV



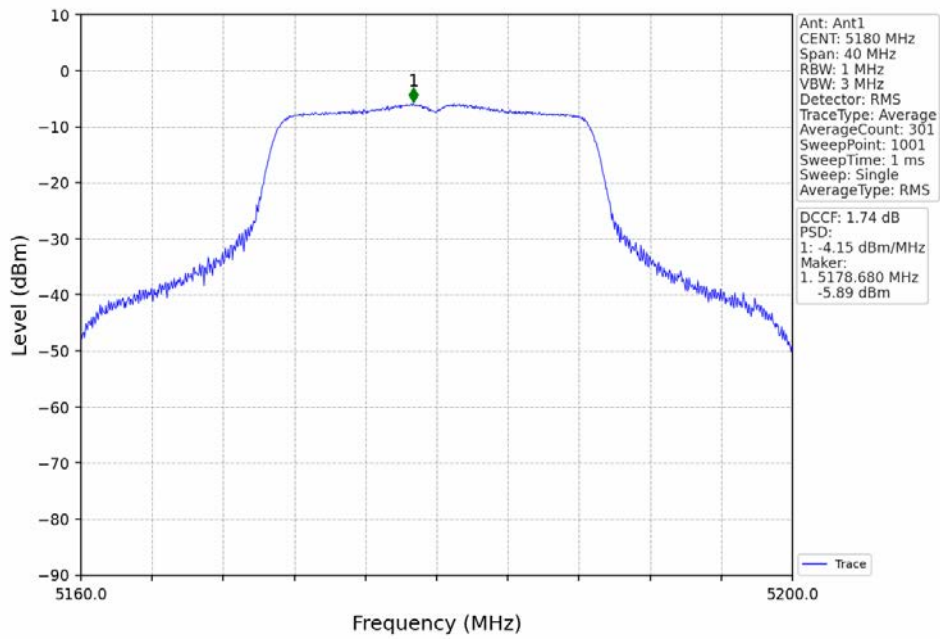
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



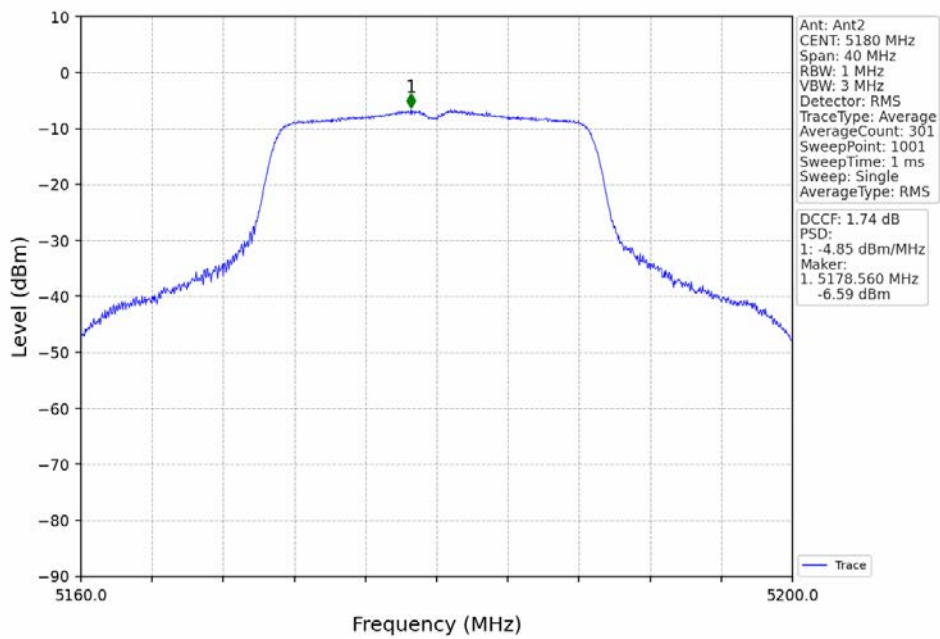
802.11a\_HCH\_5240MHz\_Ant2\_NTNV



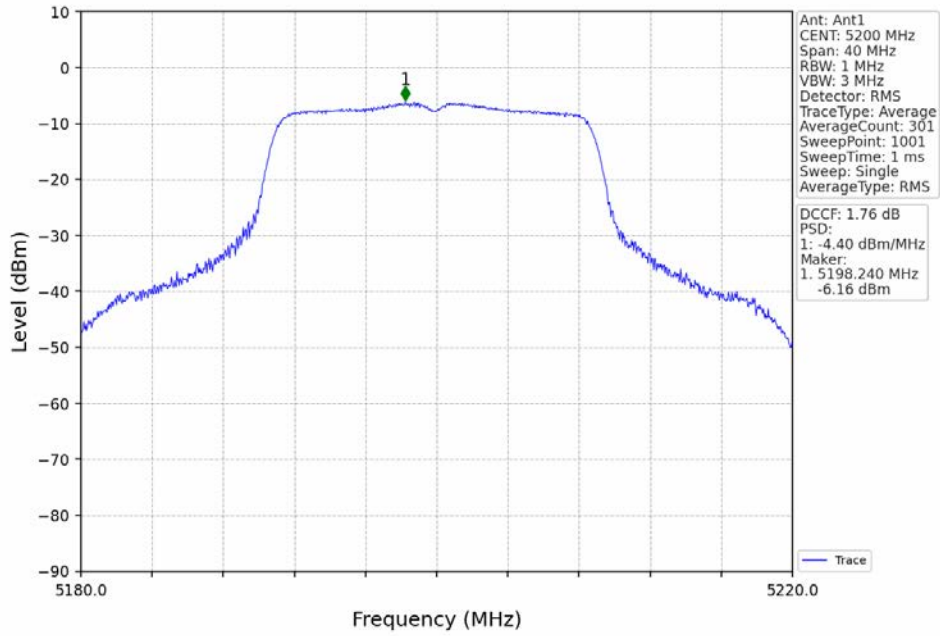
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



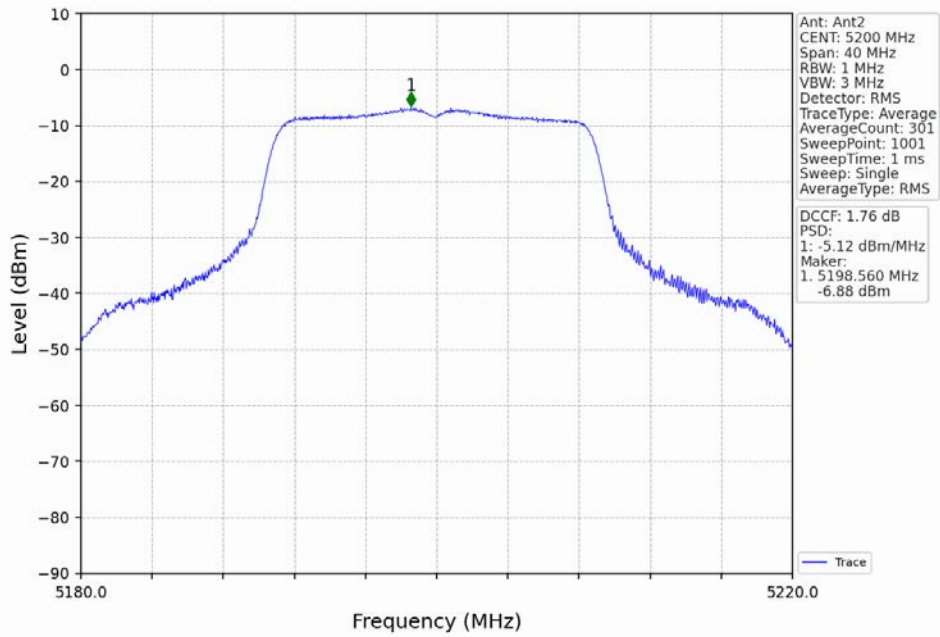
802.11n(HT20)\_LCH\_5180MHz\_Ant2\_NTNV



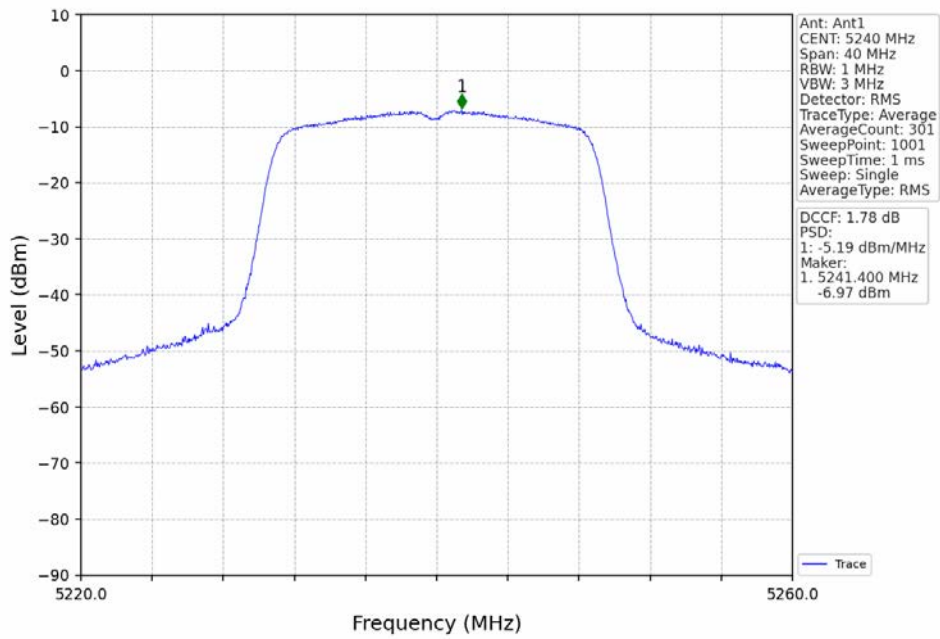
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



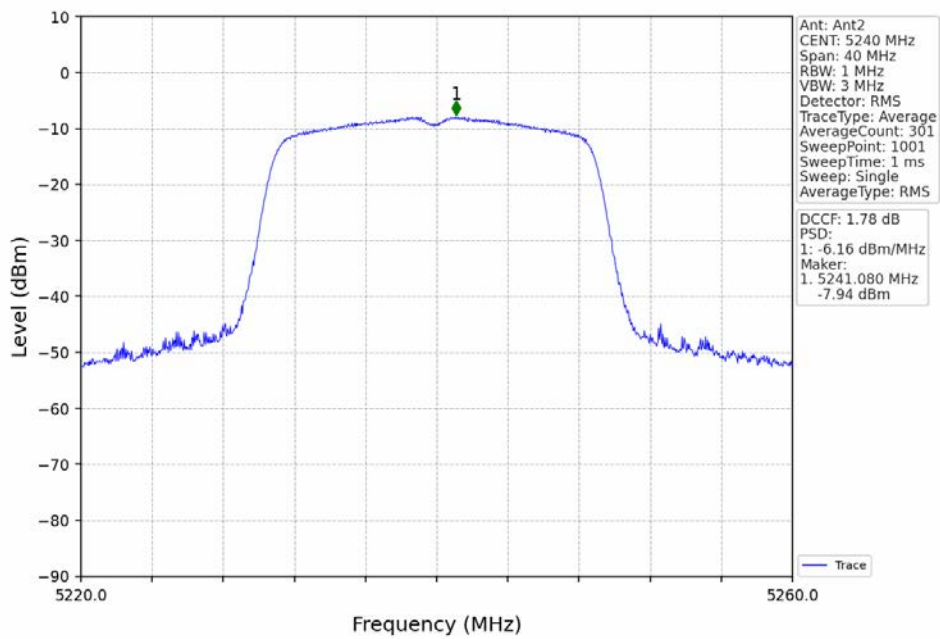
802.11n(HT20)\_MCH\_5200MHz\_Ant2\_NTNV



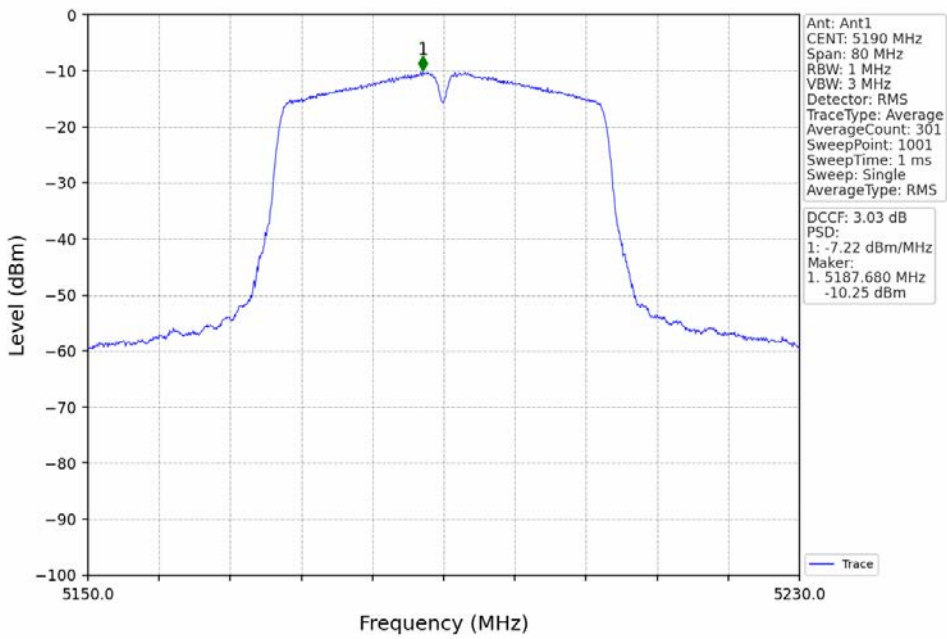
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



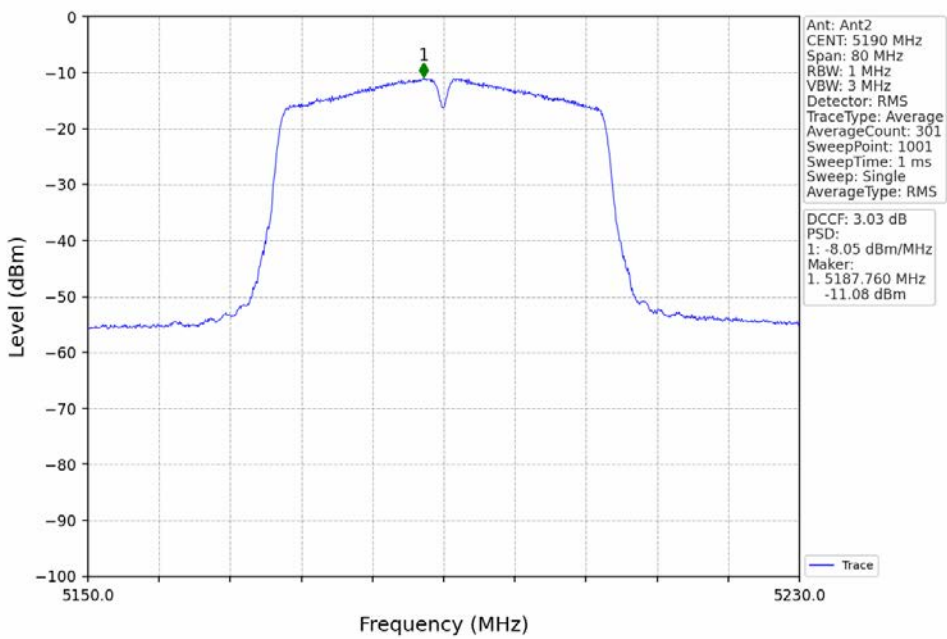
802.11n(HT20)\_HCH\_5240MHz\_Ant2\_NTNV



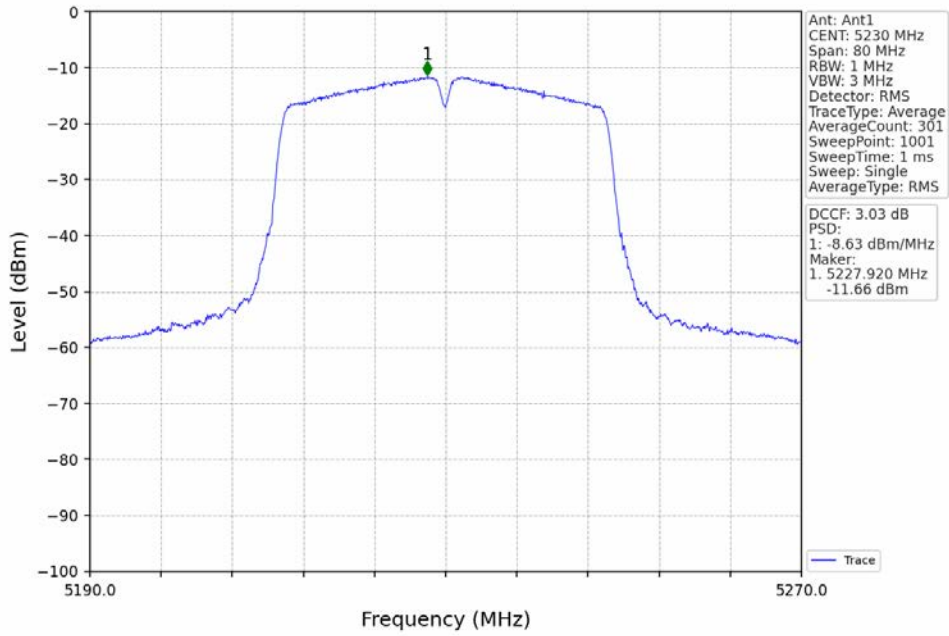
802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



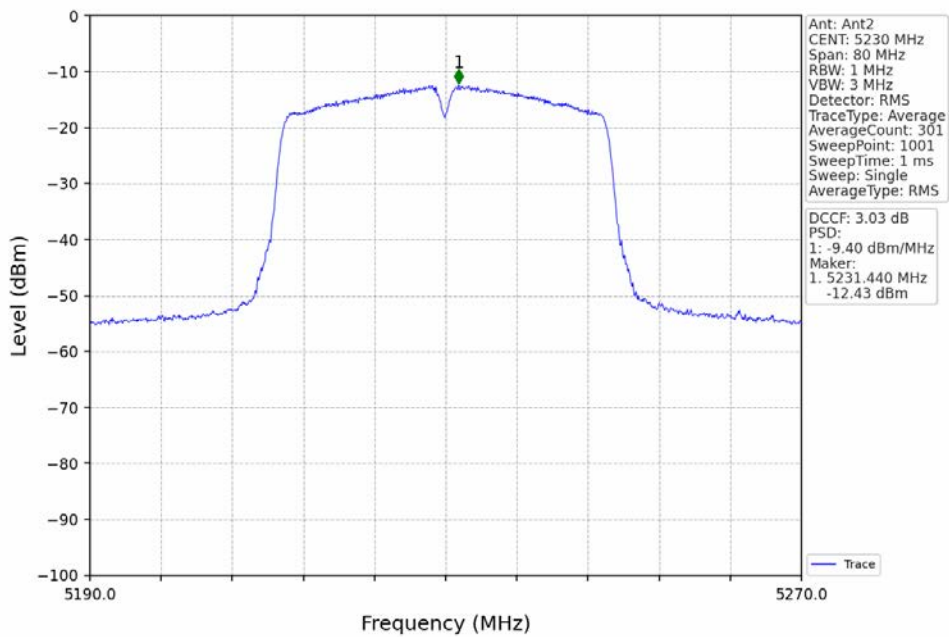
802.11n(HT40)\_LCH\_5190MHz\_Ant2\_NTNV



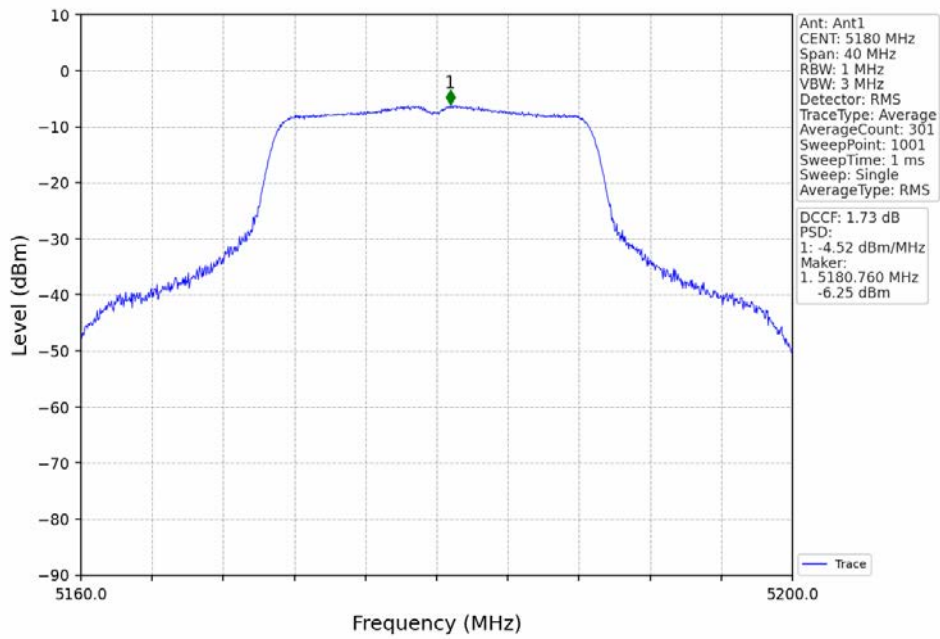
802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



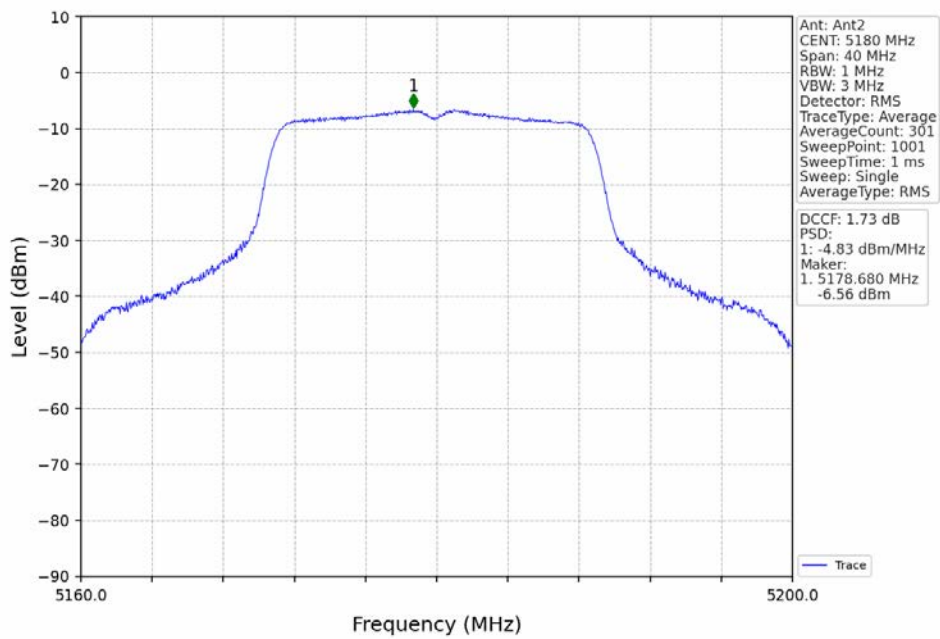
802.11n(HT40)\_HCH\_5230MHz\_Ant2\_NTNV



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

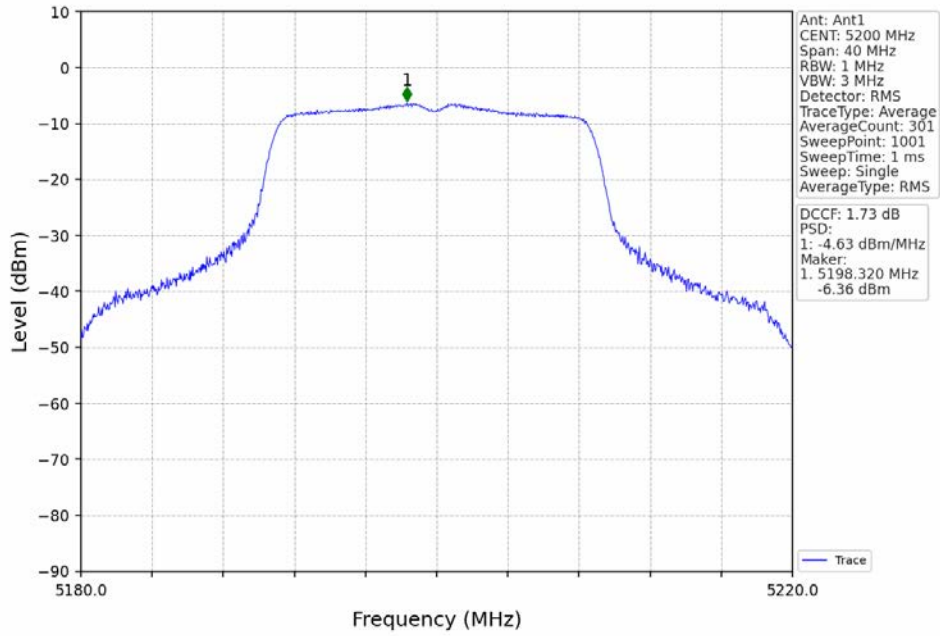


802.11ac(VHT20)\_LCH\_5180MHz\_Ant2\_NTNV

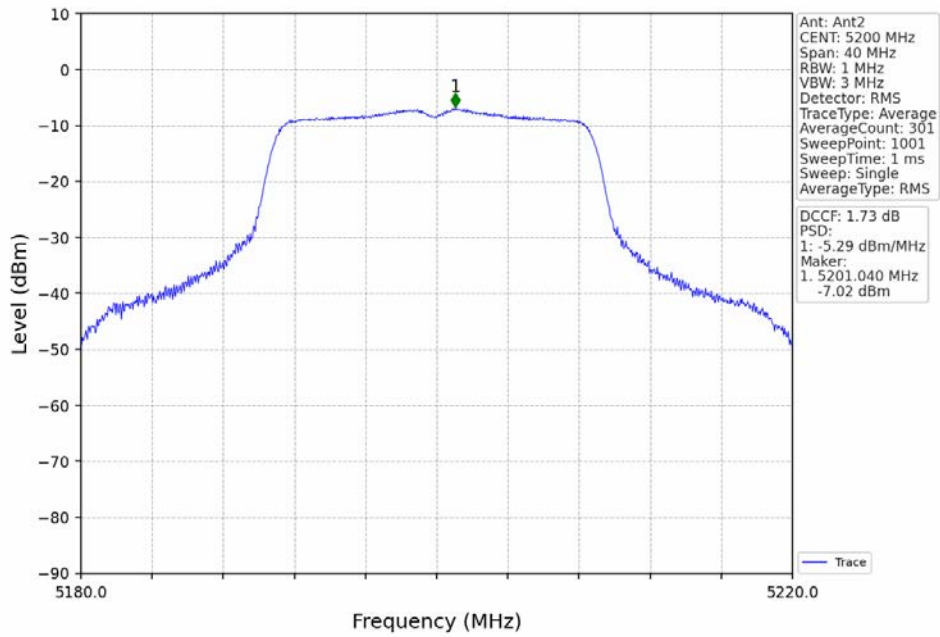




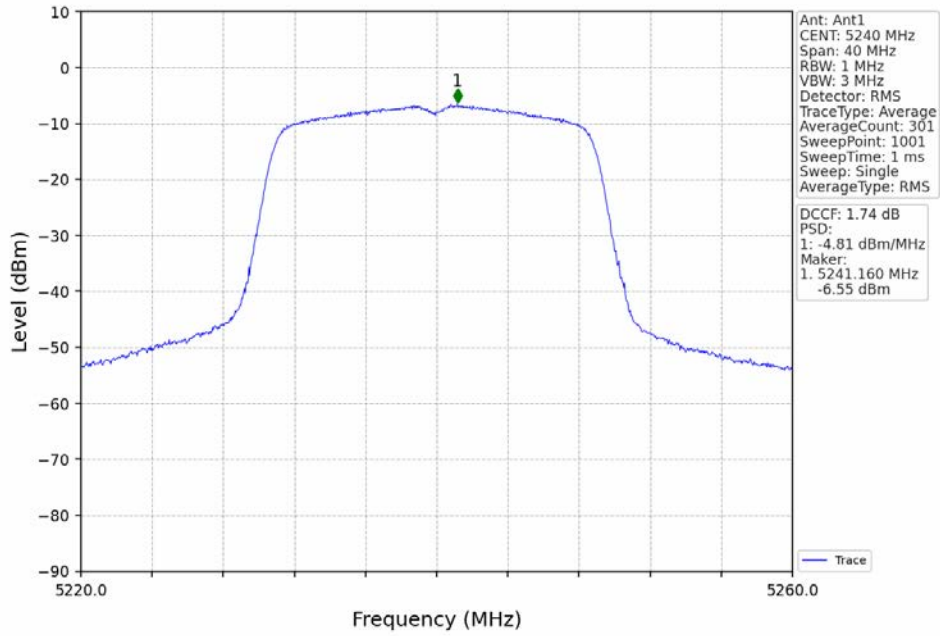
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



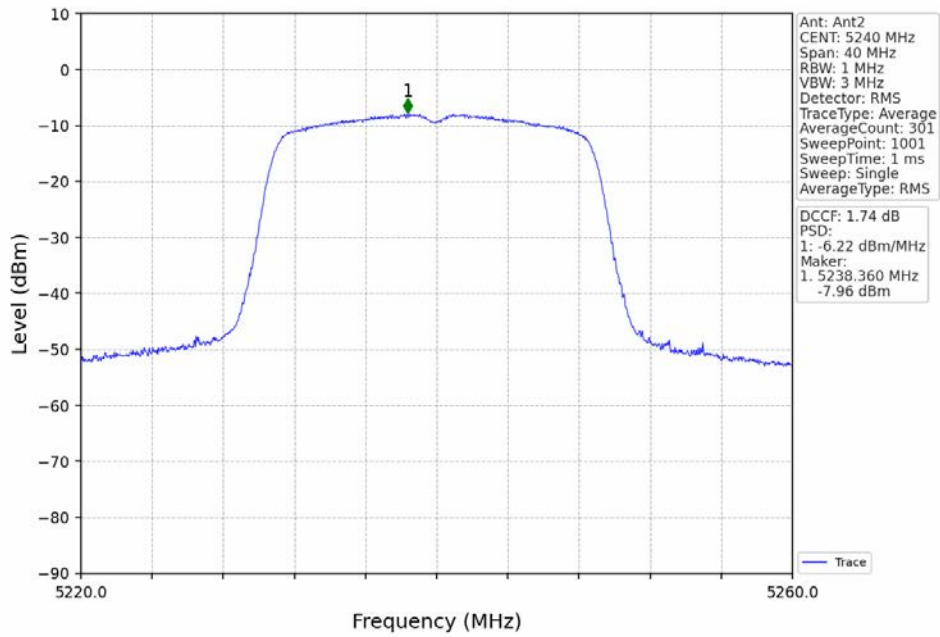
802.11ac(VHT20)\_MCH\_5200MHz\_Ant2\_NTNV



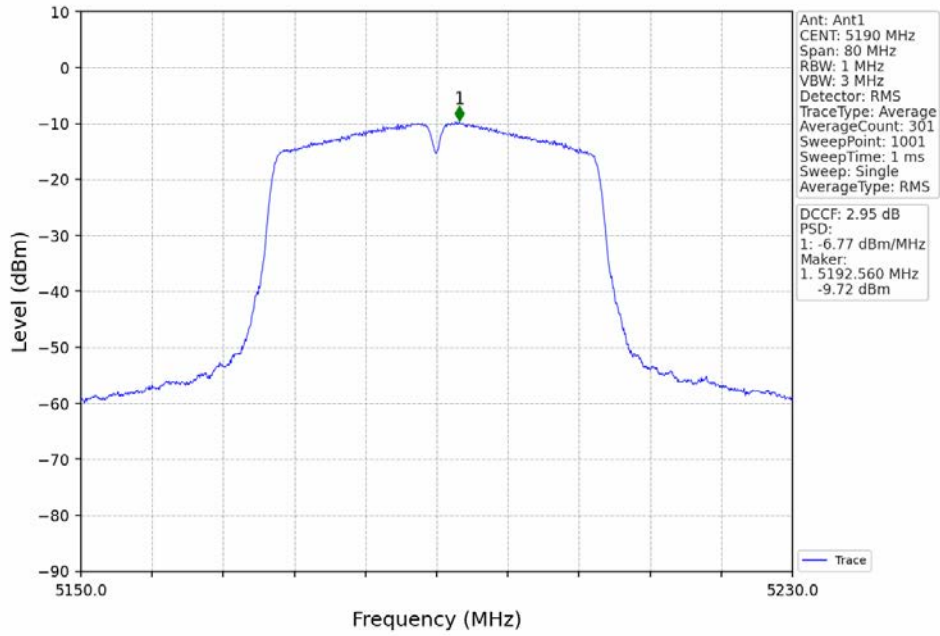
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



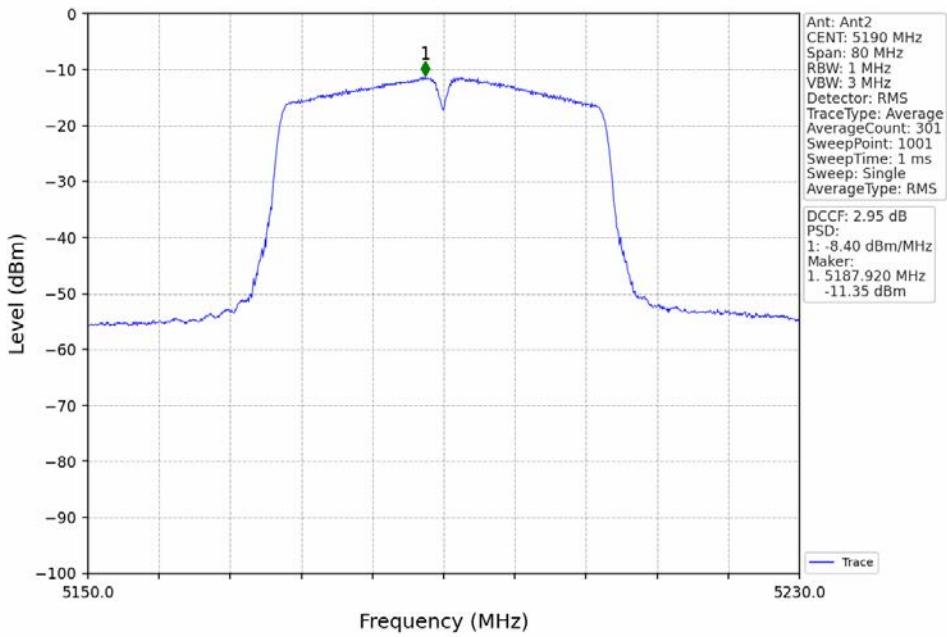
802.11ac(VHT20)\_HCH\_5240MHz\_Ant2\_NTNV



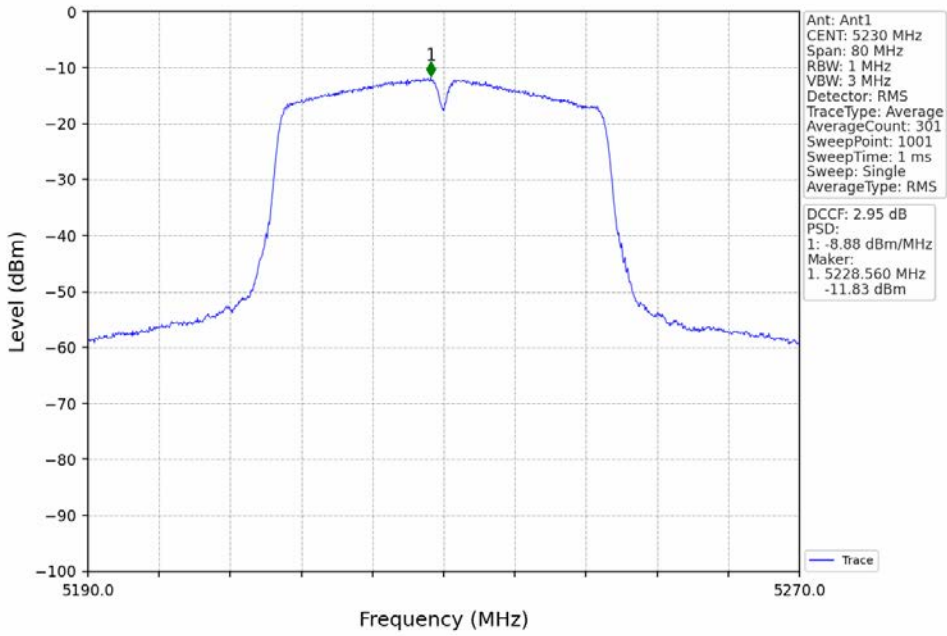
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



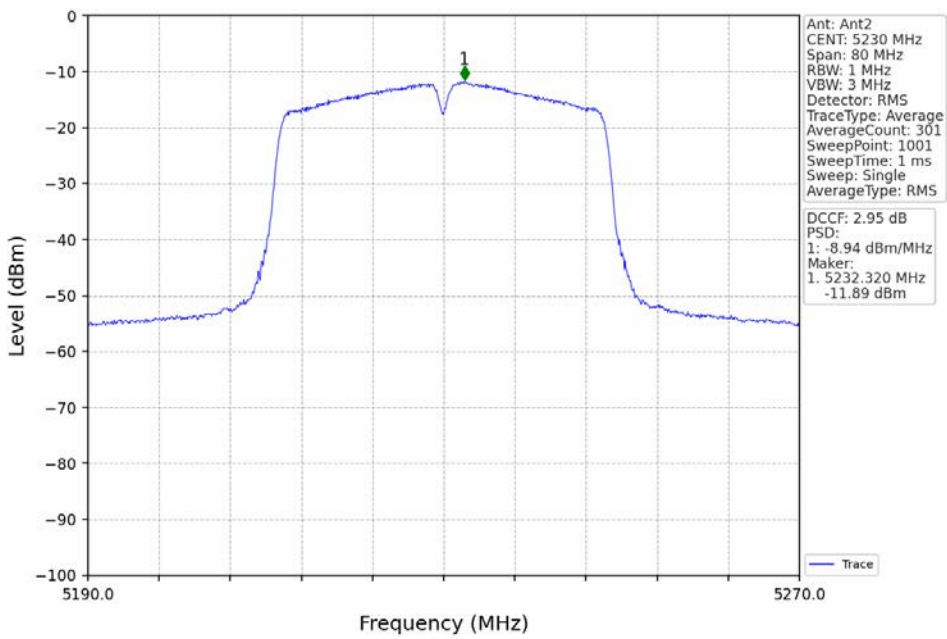
802.11ac(VHT40)\_LCH\_5190MHz\_Ant2\_NTNV



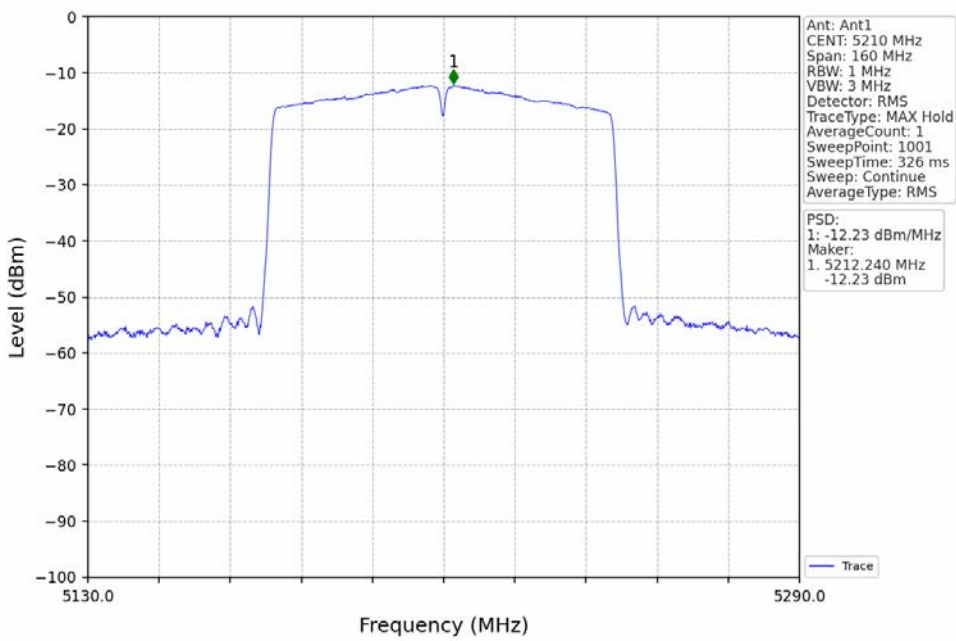
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



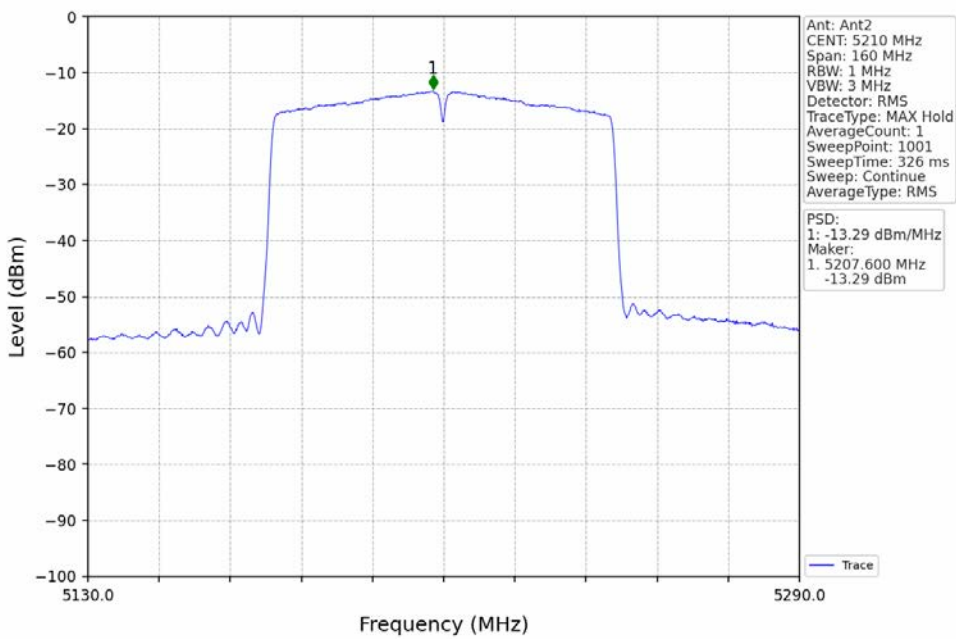
802.11ac(VHT40)\_HCH\_5230MHz\_Ant2\_NTNV



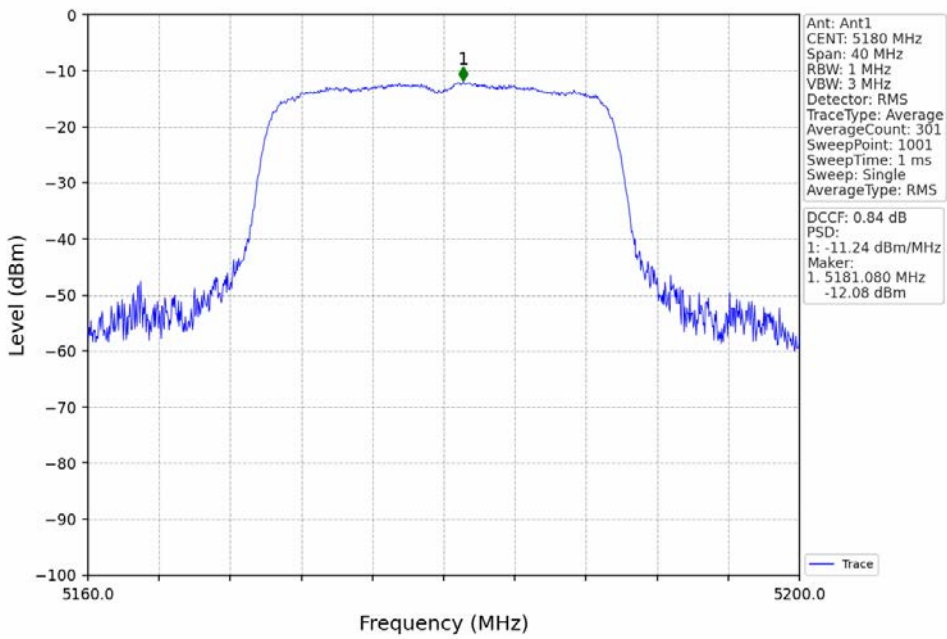
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



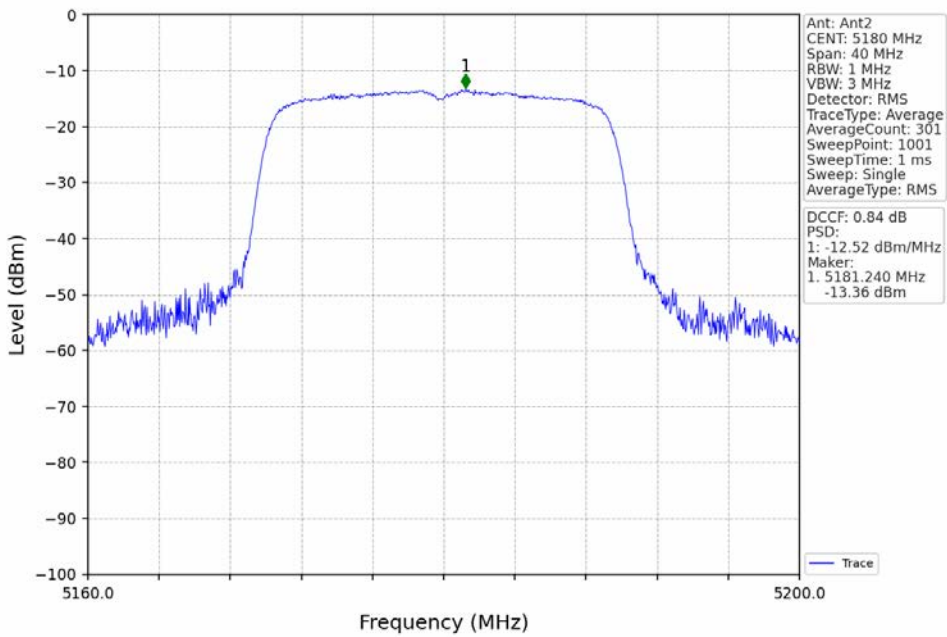
802.11ac(VHT80)\_MCH\_5210MHz\_Ant2\_NTNV



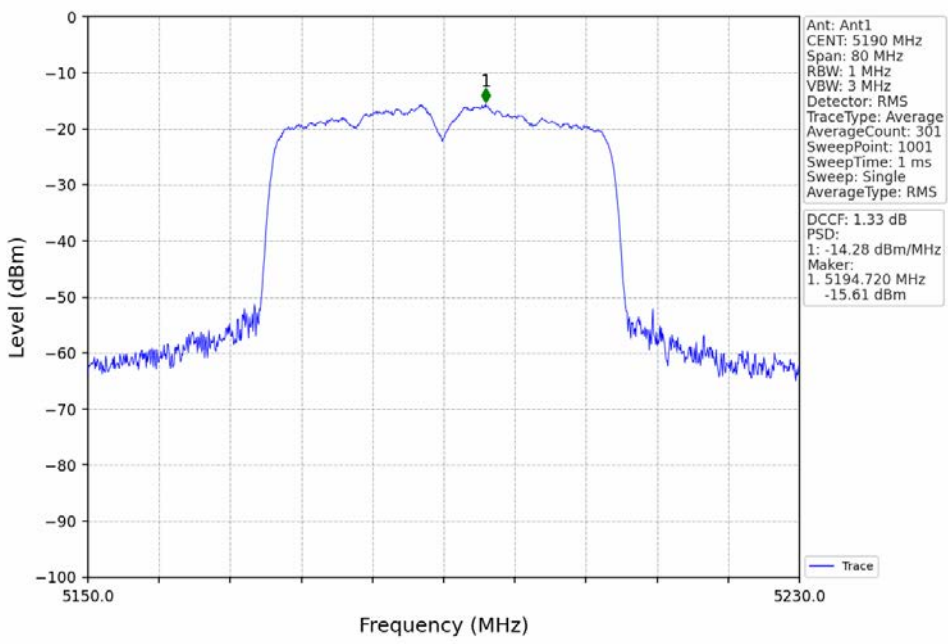
802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_Ant1\_NTNV



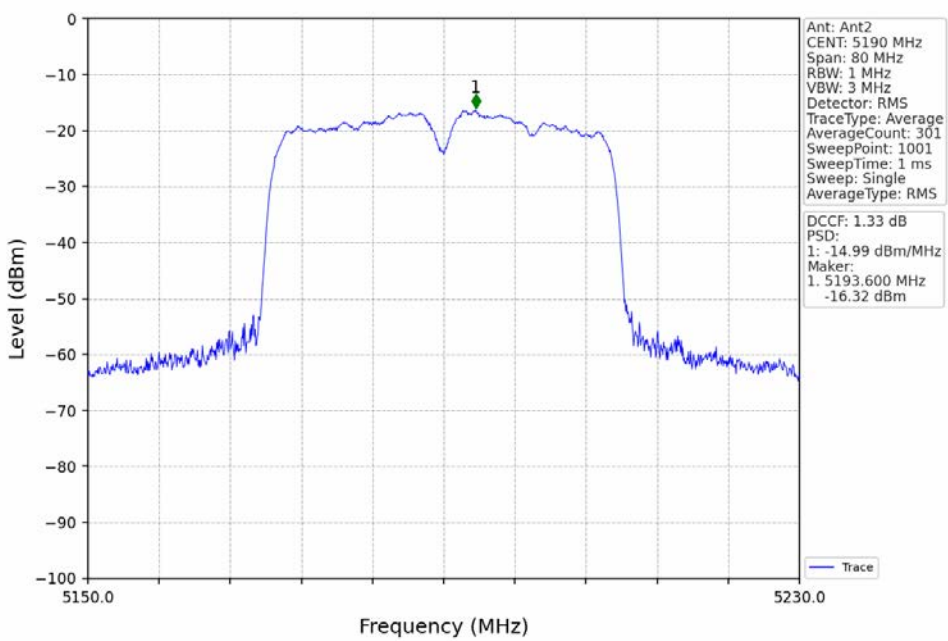
802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_Ant2\_NTNV



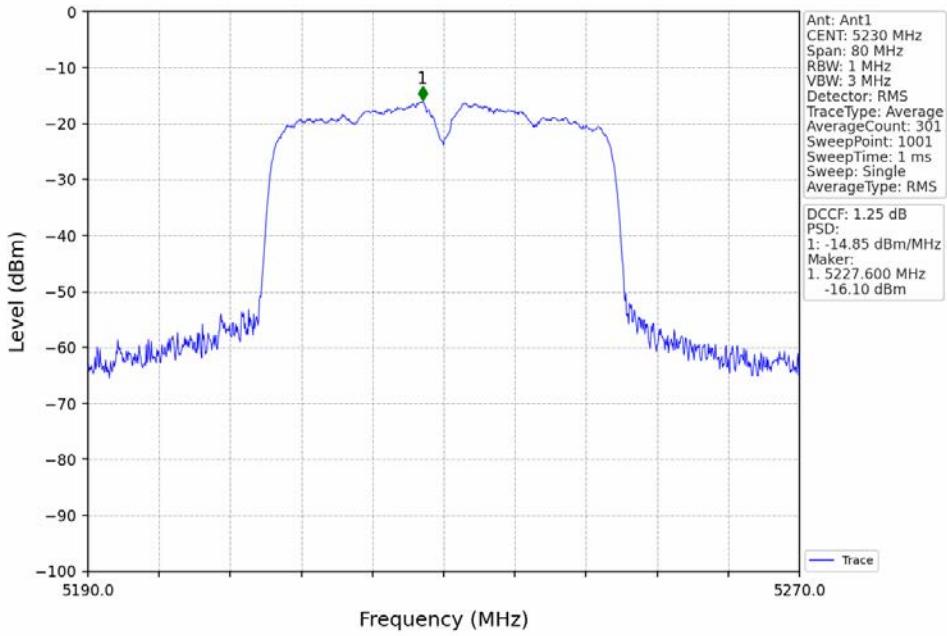
802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant1\_NTNV



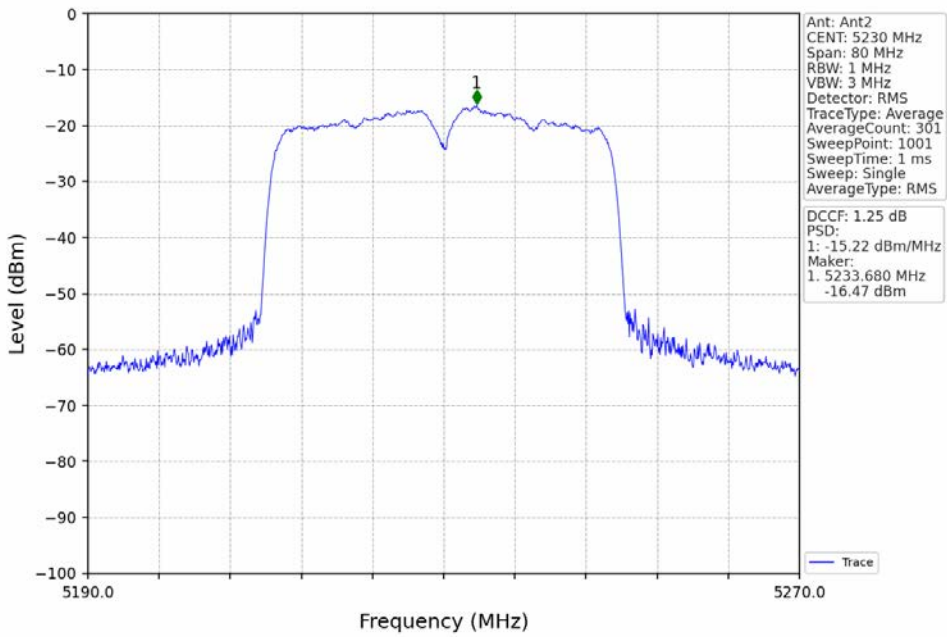
802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant2\_NTNV



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

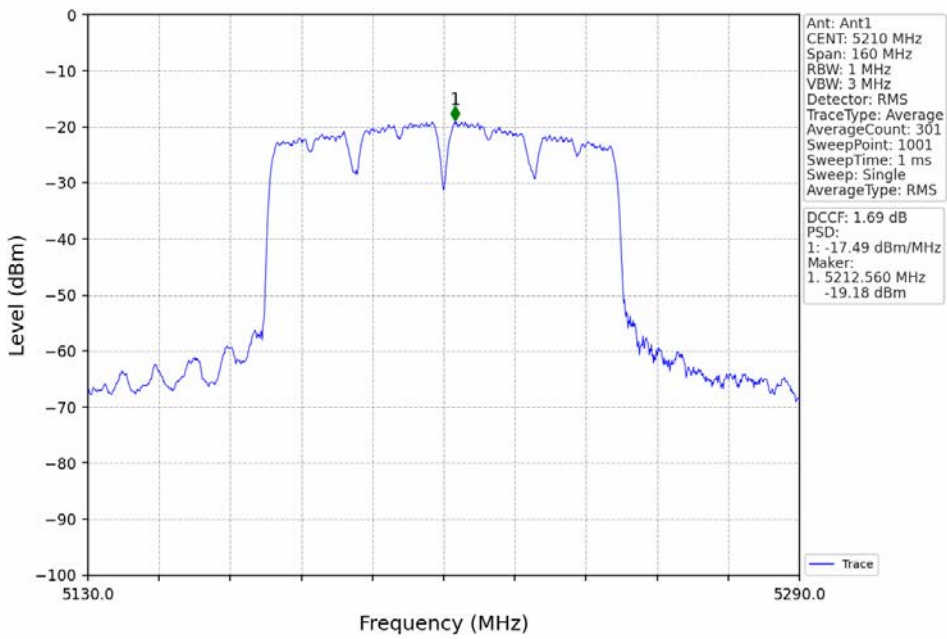


802.11ax(HEW40)\_HCH\_5230MHz\_RU484\_Left\_Ant2\_NTNV

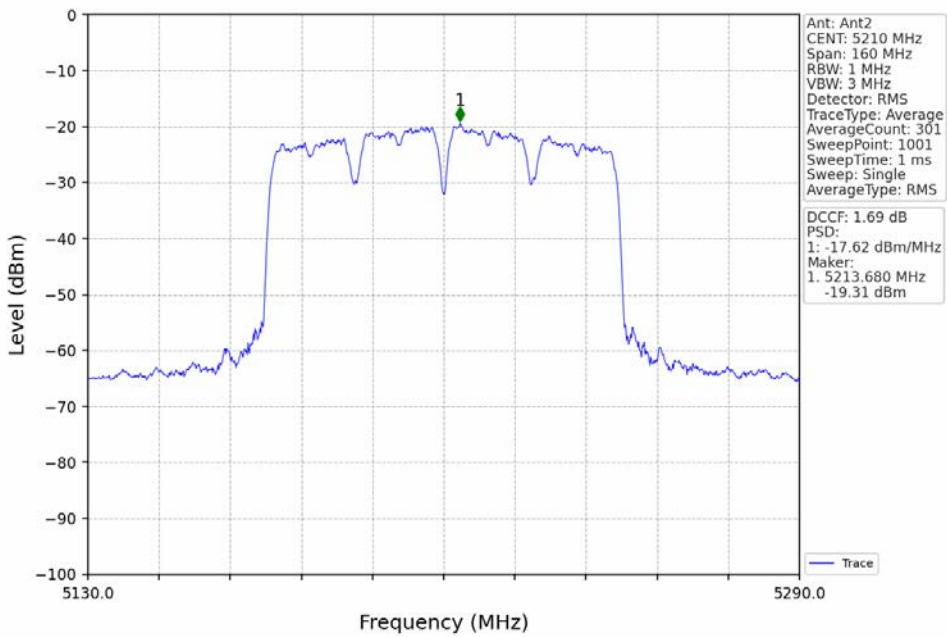




802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_Ant1\_NTNV



802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_Ant2\_NTNV



## 5. Frequency Stability

### 5.1 Ant1

#### 5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Temperature (°C)	Ant1		Limit (MHz)	Verdict		
				Voltage (VAC)	Measured Frequency (MHz)				
Carrier Wave	SISO	5180	20	102	5179.797	5150 to 5250	Pass		
				120	5179.796		Pass		
				138	5179.796		Pass		
			5200	-30	120	5179.796	5150 to 5250	Pass	
					-20	120		5179.796	Pass
						120		5179.796	Pass
				-10	120	5179.796	5150 to 5250	Pass	
					0	120		5179.796	Pass
					10	120		5179.796	Pass
		5240		30	120	5179.796	5150 to 5250	Pass	
					40	120		5179.796	Pass
						120		5179.796	Pass
			50	120	5179.796	5150 to 5250	Pass		
				20	102		5199.794	5150 to 5250	Pass
					120		5199.794		Pass
			138		5199.794	Pass			
			5190	-30	120	5199.793	5150 to 5250	Pass	
					-20	120		5199.793	Pass
		120				5199.793		Pass	
		-10		120	5199.793	5150 to 5250	Pass		
				0	120		5199.793	Pass	
				10	120		5199.793	Pass	
		5230		30	120	5199.793	5150 to 5250	Pass	
					40	120		5199.793	Pass
						120		5199.793	Pass
			50	120	5199.793	5150 to 5250	Pass		
				20	102		5239.794	5150 to 5250	Pass
					120		5239.793		Pass
			138		5239.793	Pass			
			5180	-30	120	5239.793	5150 to 5250	Pass	
					-20	120		5239.793	Pass
		120				5239.793		Pass	
		-10		120	5239.793	5150 to 5250	Pass		
				0	120		5239.793	Pass	
				10	120		5239.793	Pass	
		5200		30	120	5239.792	5150 to 5250	Pass	
					40	120		5239.792	Pass
						120		5239.792	Pass
			50	120	5239.792	5150 to 5250	Pass		
				20	102		5189.794	5150 to 5250	Pass
					120		5189.794		Pass
			138		5189.794	Pass			
			5190	-30	120	5189.793	5150 to 5250	Pass	
					-20	120		5189.793	Pass
		120				5189.793		Pass	
		-10		120	5189.793	5150 to 5250	Pass		
				0	120		5189.793	Pass	
				10	120		5189.793	Pass	
5230	30	120		5189.793	5150 to 5250	Pass			
		40		120		5189.793	Pass		
				120		5189.793	Pass		
	50	120	5189.793	5150 to 5250	Pass				
		20	102		5229.792	5150 to 5250	Pass		
			120		5229.792		Pass		
	138		5229.792	Pass					
	-30	120	5229.792	5150 to 5250	Pass				
		-20	120		5229.792	Pass			
120			5229.792		Pass				
-10	120	5229.792	5150 to 5250	Pass					
	0	120		5229.792	Pass				
	120	5229.792		Pass					

		10	120	5229.792	5150 to 5250	Pass
		30	120	5229.792	5150 to 5250	Pass
		40	120	5229.792	5150 to 5250	Pass
		50	120	5229.792	5150 to 5250	Pass
	5210	20	102	5209.792	5150 to 5250	Pass
			120	5209.792	5150 to 5250	Pass
			138	5209.792	5150 to 5250	Pass
		-30	120	5209.792	5150 to 5250	Pass
		-20	120	5209.792	5150 to 5250	Pass
		-10	120	5209.792	5150 to 5250	Pass
		0	120	5209.792	5150 to 5250	Pass
		10	120	5209.792	5150 to 5250	Pass
		30	120	5209.792	5150 to 5250	Pass
		40	120	5209.792	5150 to 5250	Pass
		50	120	5209.792	5150 to 5250	Pass

-----End-----