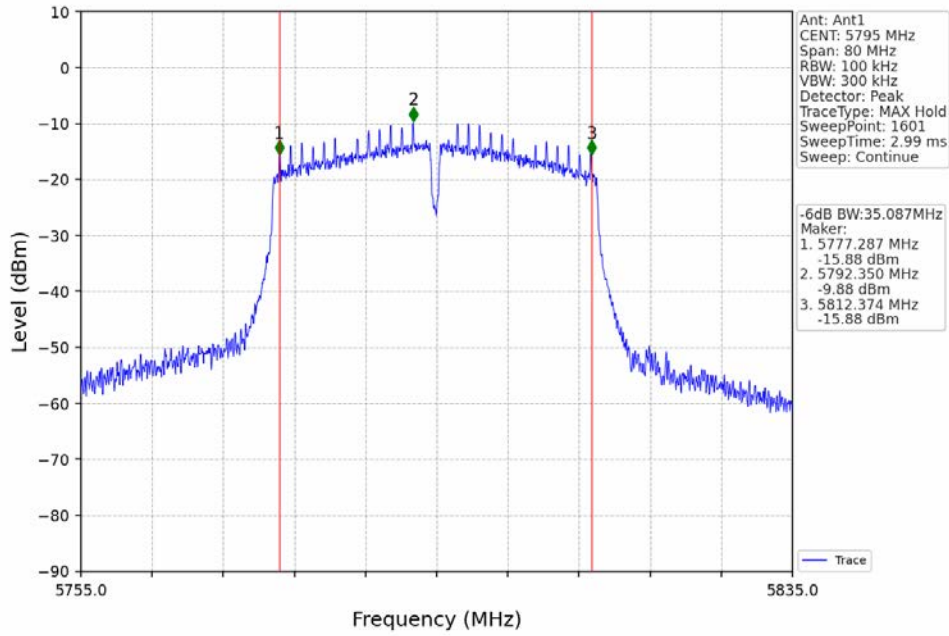
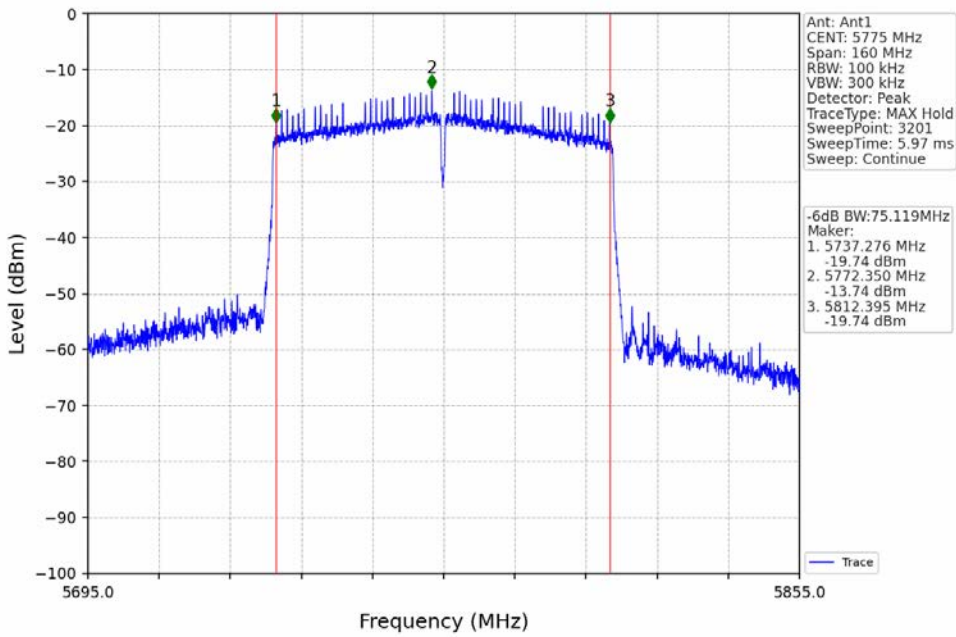


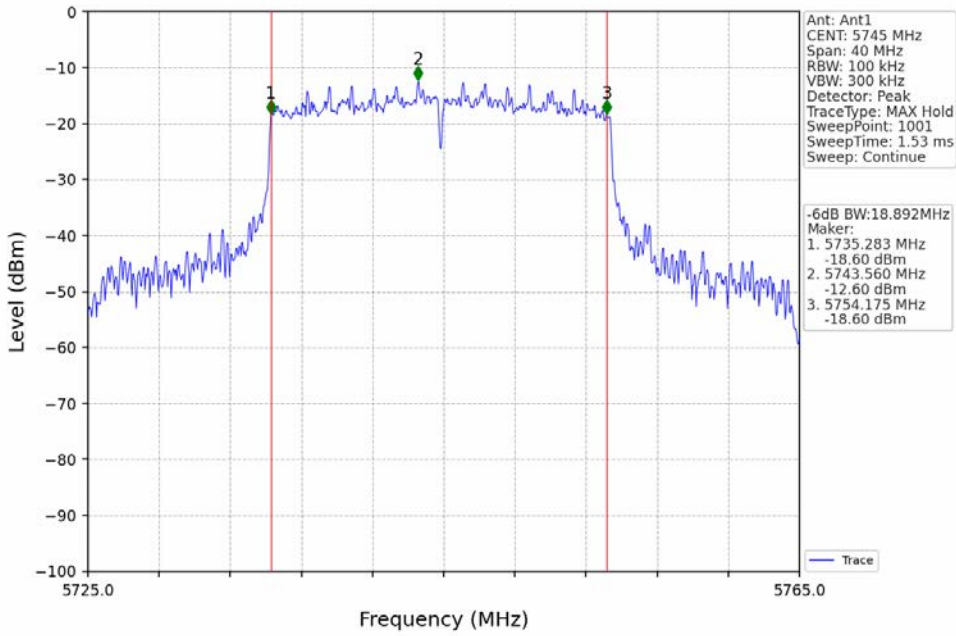
802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



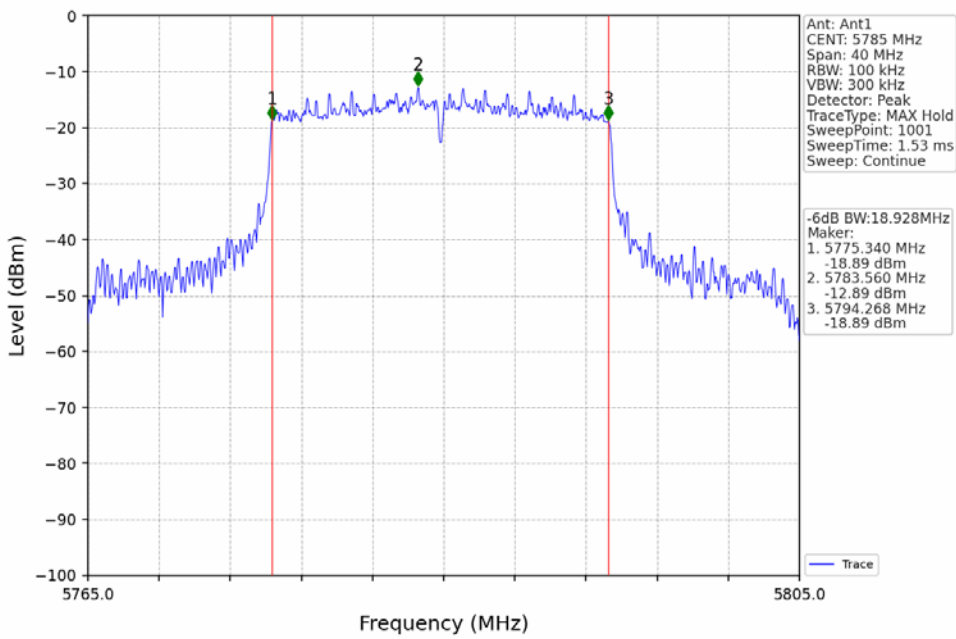
802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



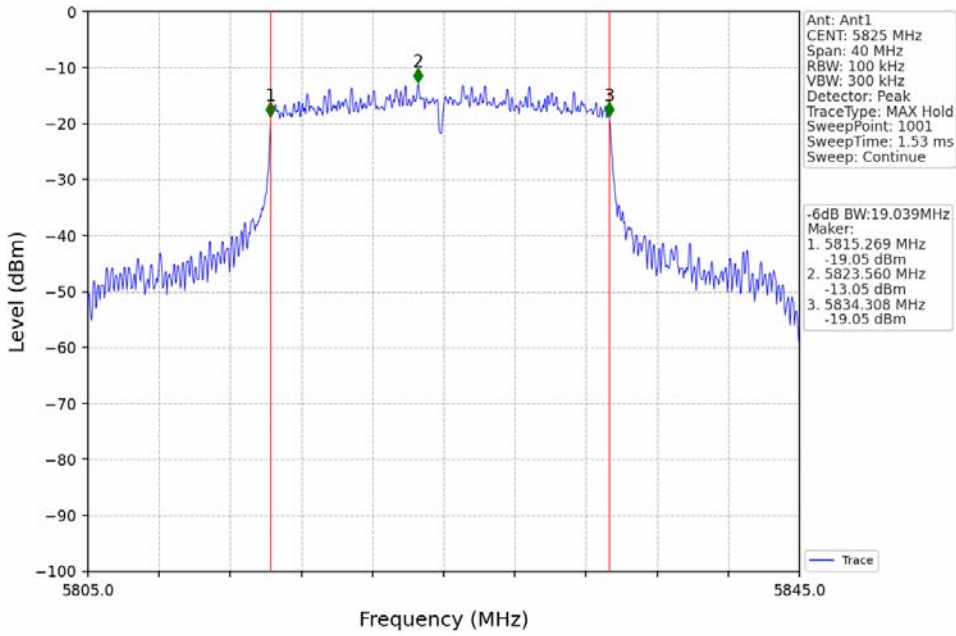
802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant1\_NTNV



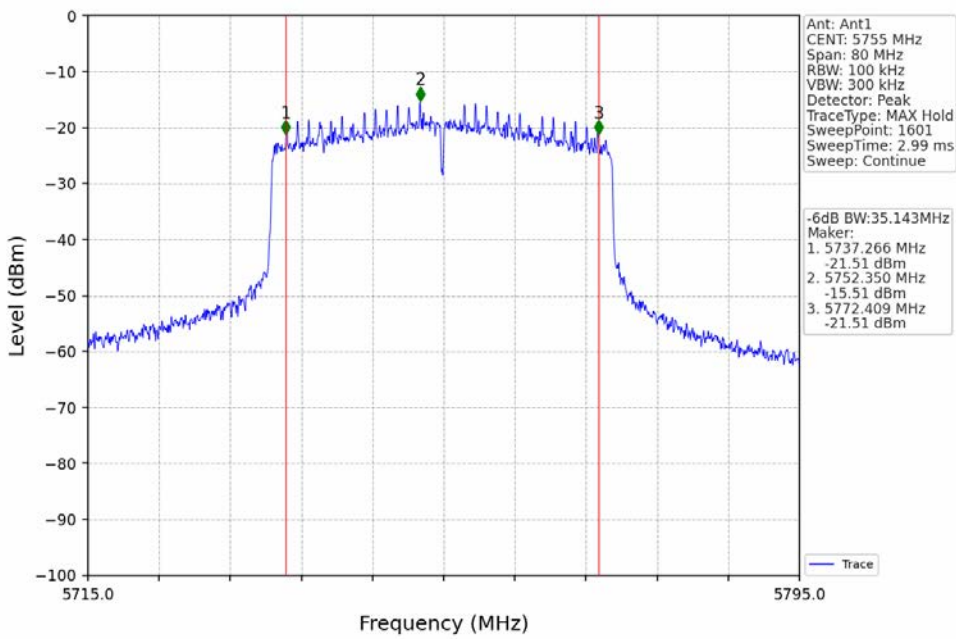
802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant1\_NTNV



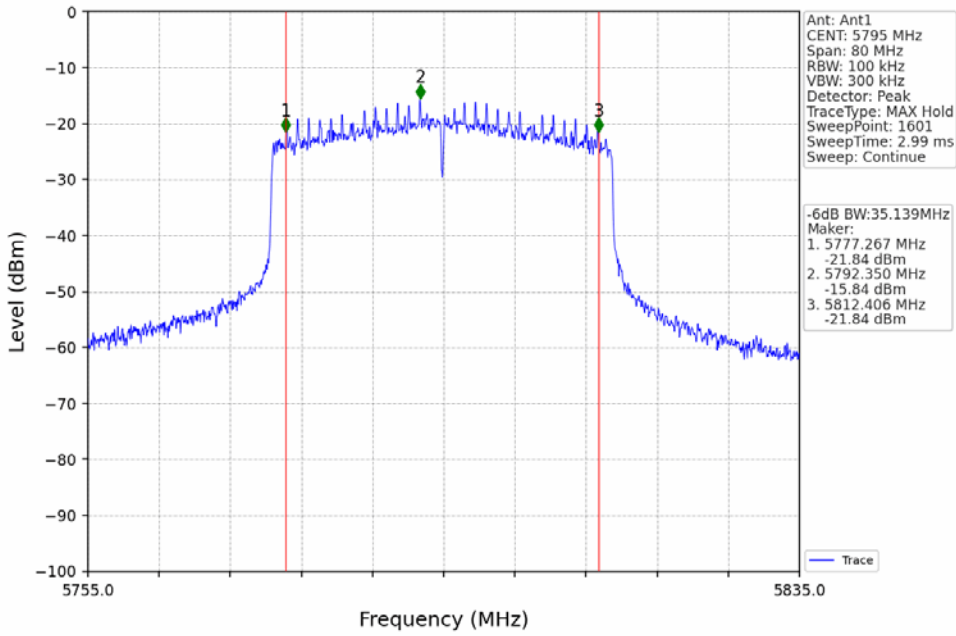
802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant1\_NTNV



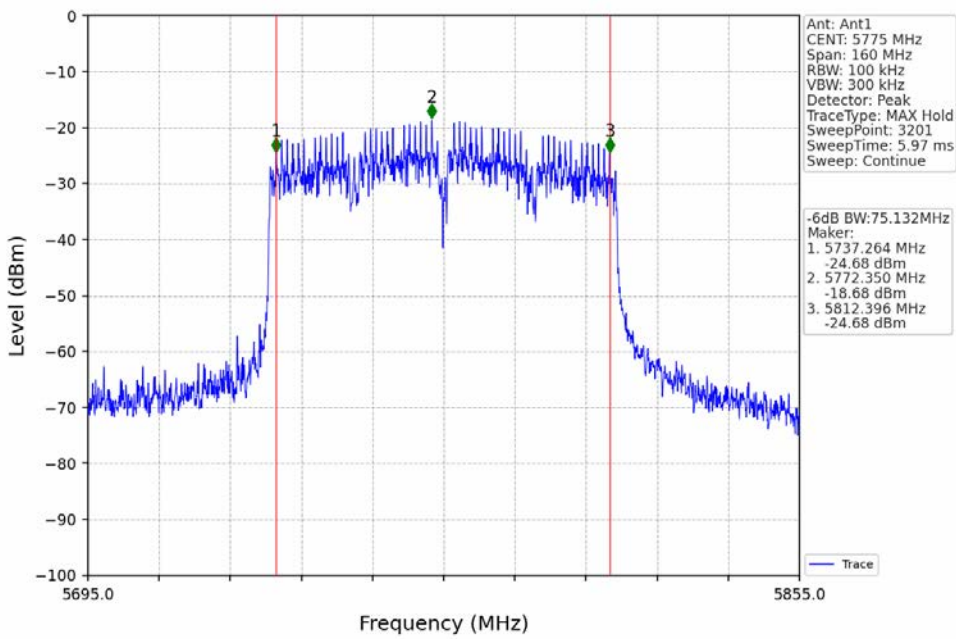
802.11ax(HEW40)\_LCH\_5755MHz\_RU484\_Left\_Ant1\_NTNV



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



802.11ax(HEW80)\_MCH\_5775MHz\_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	5745	/	/	6.56	4.03	/	<=30	Pass
		5785	/	/	5.89	4.29	/	<=30	Pass
		5825	/	/	5.91	4.44	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	4.77	2.51	6.80	<=30	Pass
		5785	/	/	4.14	2.81	6.54	<=30	Pass
		5825	/	/	4.19	2.53	6.45	<=30	Pass
802.11n (HT40)	MIMO	5755	/	/	3.36	2.50	5.96	<=30	Pass
		5795	/	/	2.77	1.62	5.24	<=30	Pass
802.11ac (VHT20)	MIMO	5745	/	/	4.78	2.67	6.86	<=30	Pass
		5785	/	/	4.09	3.03	6.60	<=30	Pass
		5825	/	/	4.09	2.11	6.22	<=30	Pass
802.11ac (VHT40)	MIMO	5755	/	/	3.73	2.07	5.99	<=30	Pass
		5795	/	/	3.20	2.78	6.01	<=30	Pass
802.11ac (VHT80)	MIMO	5775	/	/	2.69	0.50	4.74	<=30	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	-1.48	-3.44	0.66	<=30	Pass
		5785	RU242	Left	-1.33	-3.16	0.86	<=30	Pass
		5825	RU242	Left	-1.38	-2.97	0.91	<=30	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	-2.71	-4.23	-0.39	<=30	Pass
		5795	RU484	Left	-3.12	-4.29	-0.66	<=30	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	-2.70	-4.29	-0.41	<=30	Pass

Note1: Antenna Gain: Ant1: 3.84dBi; Ant2: 3.84dBi;  
 Note2: Directional Gain: 3.84dBi,

## 4. Maximum Power Spectral Density

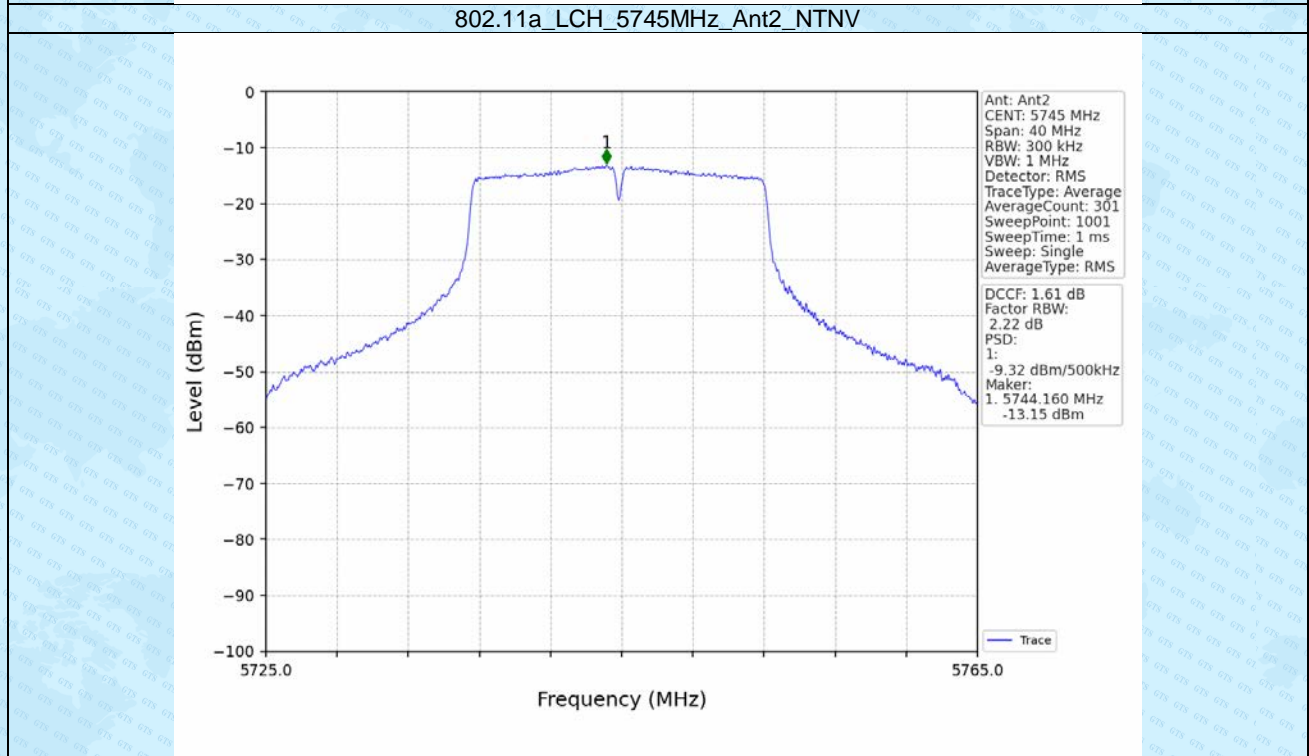
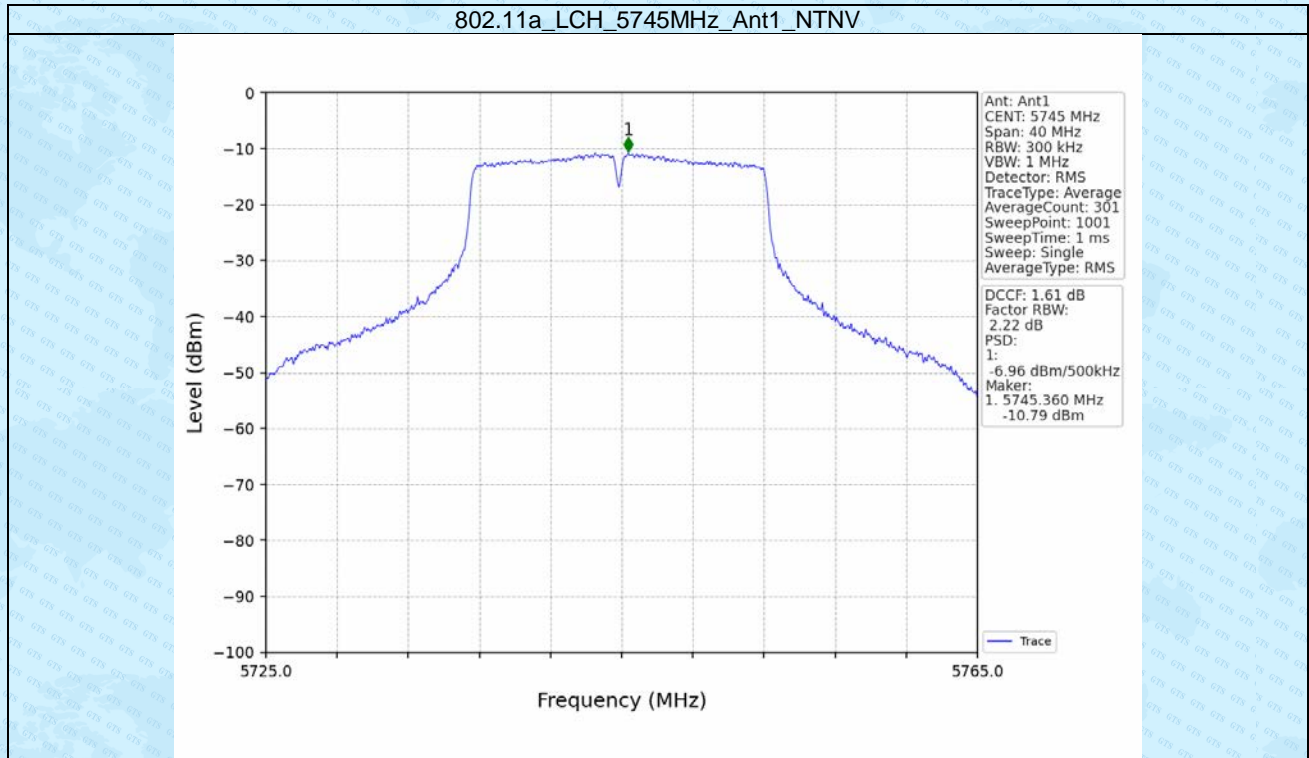
### 4.1 PSD-3

#### 4.1.1 Test Result

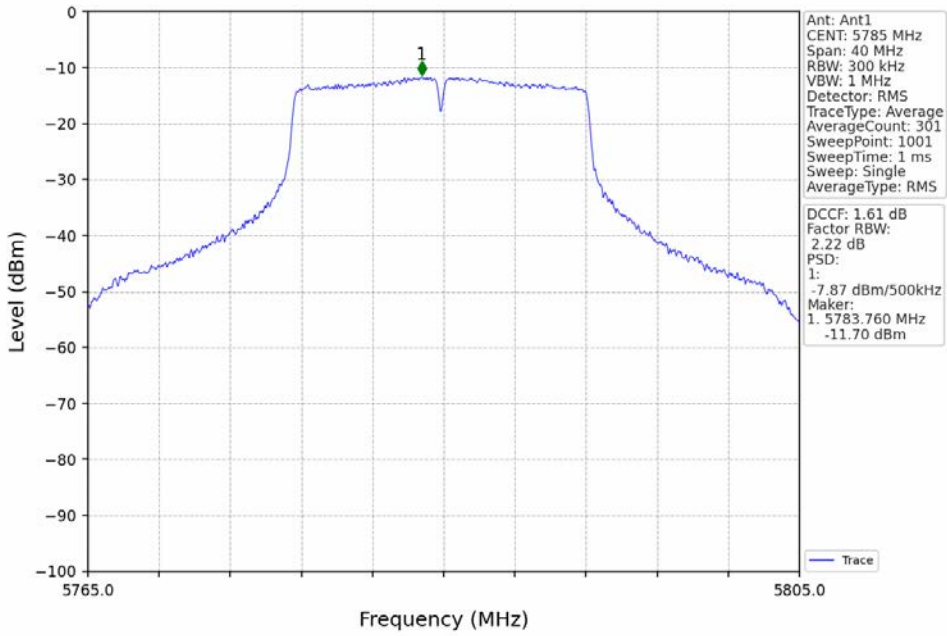
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	/	/	-6.96	-9.32	/	<=30	Pass
		5785	/	/	-7.87	-9.15	/	<=30	Pass
		5825	/	/	-7.45	-9.21	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	-8.66	-11.33	-6.96	<=29.15	Pass
		5785	/	/	-9.68	-10.89	-7.40	<=29.15	Pass
		5825	/	/	-9.46	-11.37	-7.33	<=29.15	Pass
802.11n (HT40)	MIMO	5755	/	/	-12.43	-13.60	-9.99	<=29.15	Pass
		5795	/	/	-12.67	-13.71	-10.34	<=29.15	Pass
802.11ac (VHT20)	MIMO	5745	/	/	-8.79	-11.34	-6.90	<=29.15	Pass
		5785	/	/	-9.63	-10.55	-7.10	<=29.15	Pass
		5825	/	/	-9.42	-11.64	-7.51	<=29.15	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-12.22	-13.91	-9.97	<=29.15	Pass
		5795	/	/	-12.48	-13.54	-10.06	<=29.15	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-16.62	-18.53	-14.58	<=29.15	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	-14.78	-16.13	-12.62	<=29.15	Pass
		5785	RU242	Left	-14.74	-16.42	-12.49	<=29.15	Pass
		5825	RU242	Left	-14.69	-16.34	-12.43	<=29.15	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	-16.83	-18.06	-14.67	<=29.15	Pass
		5795	RU484	Left	-17.28	-17.88	-15.02	<=29.15	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	-19.70	-20.98	-17.32	<=29.15	Pass

Note1: Antenna Gain: Ant1: 3.84dBi; Ant2: 3.84dBi;  
 Note2: Directional Gain: 6.85dBi,  
 Note3: Result contains DCCF and RBW Correction Factor  
 RBW Correction Factor= $10 \cdot \log(500\text{kHz}/\text{RBW}) = 10 \cdot \log(500\text{kHz}/300\text{kHz}) = 2.22$

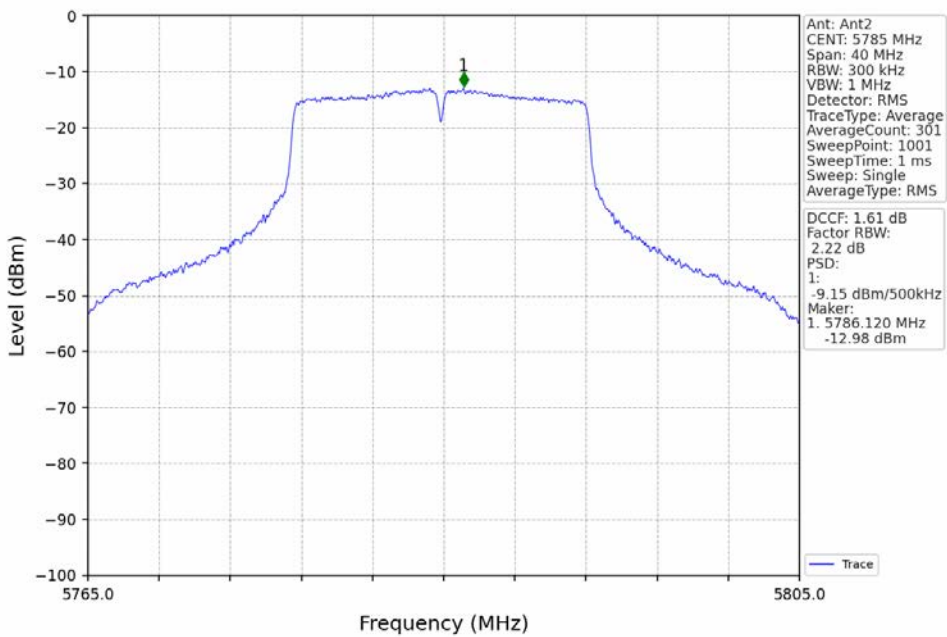
## 4.2.2 Test Graph



802.11a\_MCH\_5785MHz\_Ant1\_NTNV

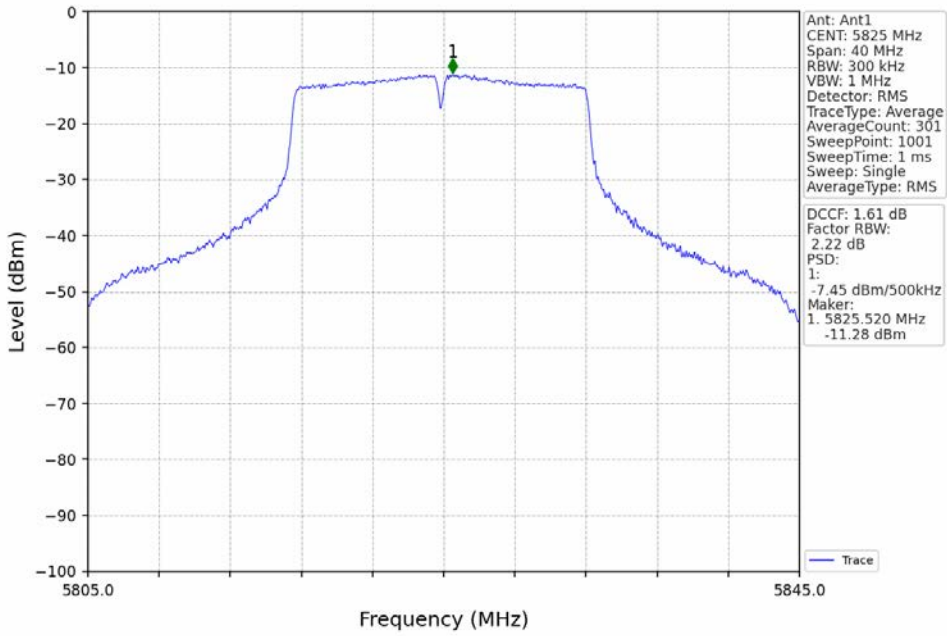


802.11a\_MCH\_5785MHz\_Ant2\_NTNV

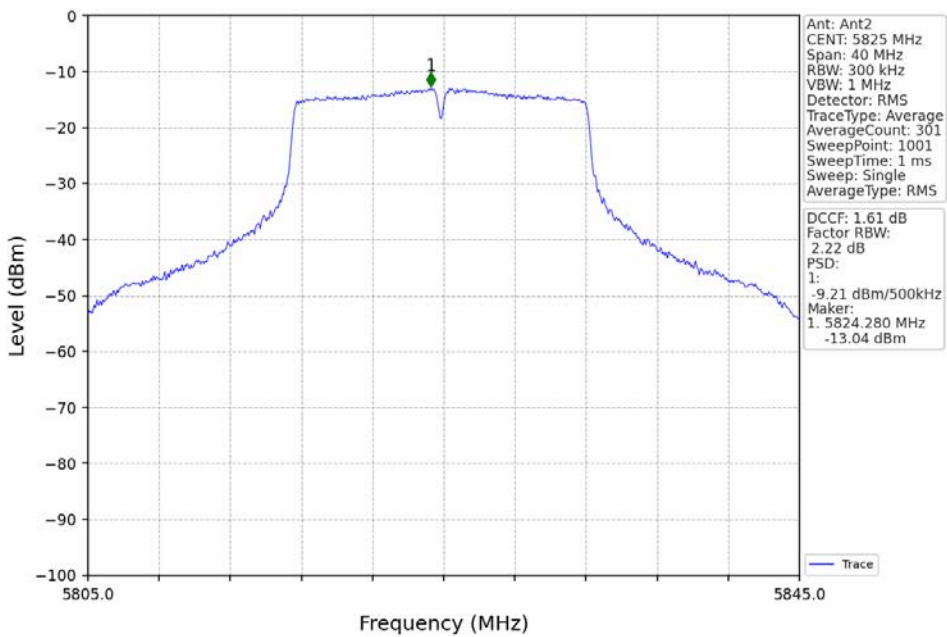




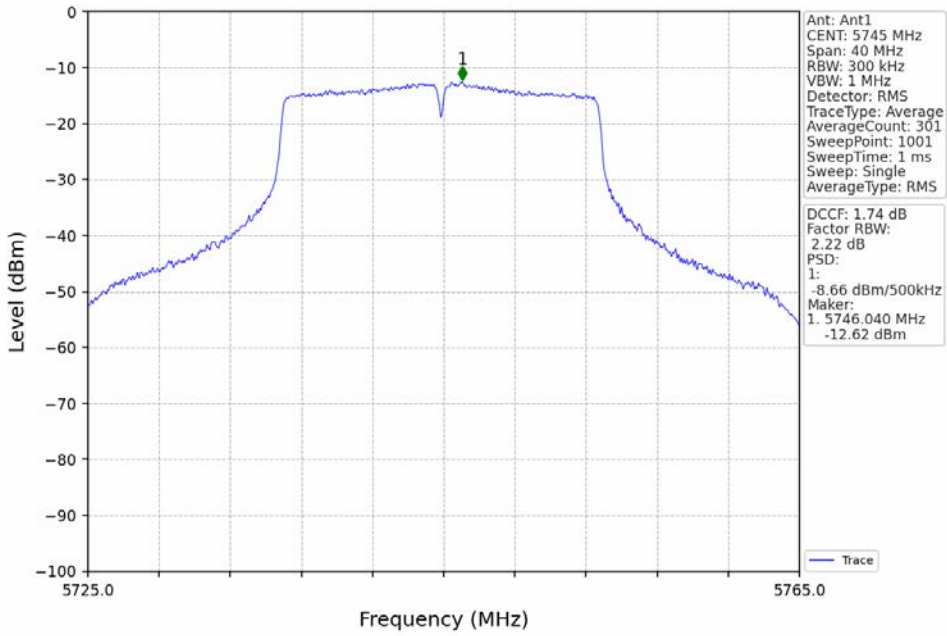
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



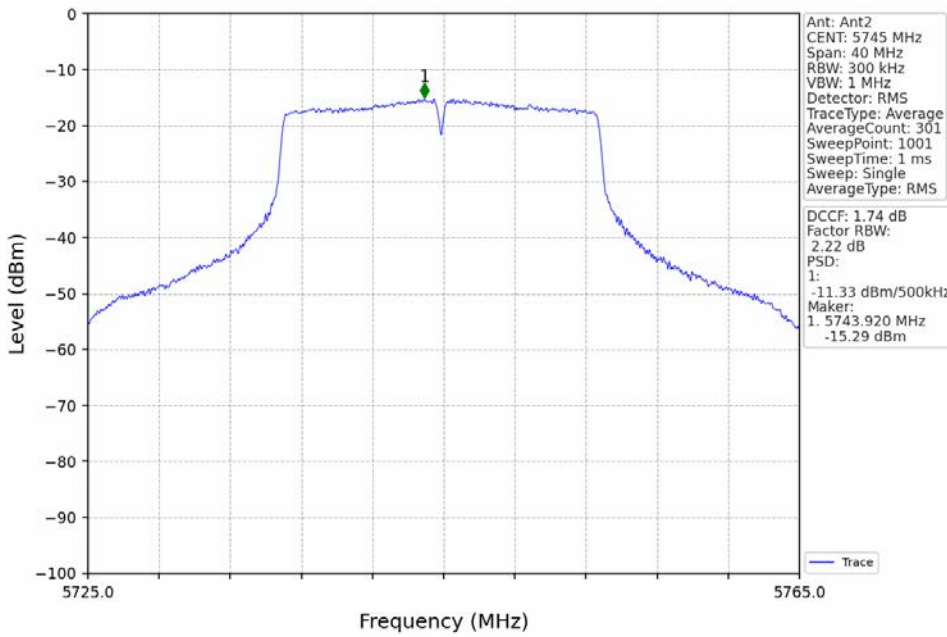
802.11a\_HCH\_5825MHz\_Ant2\_NTNV



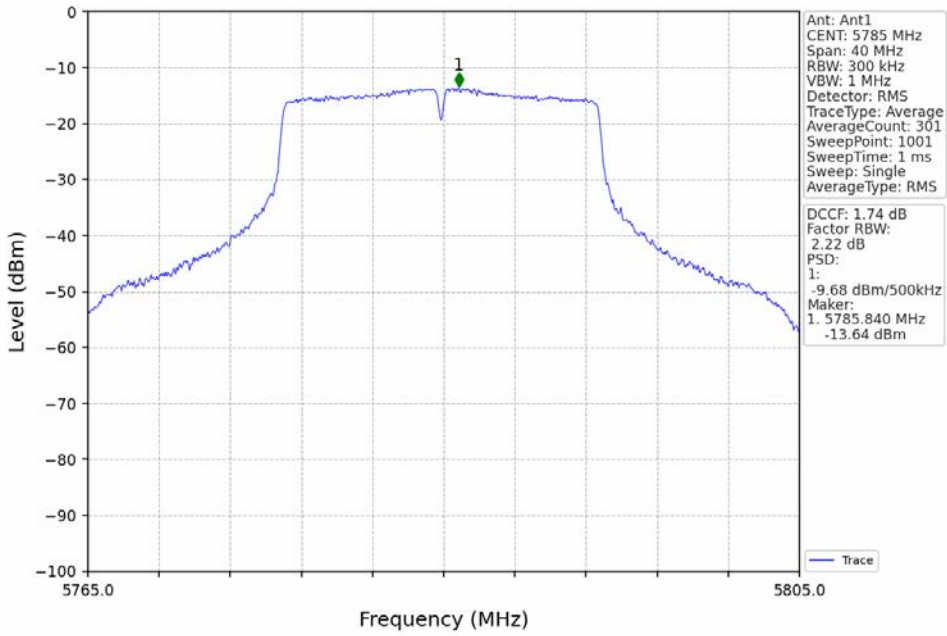
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



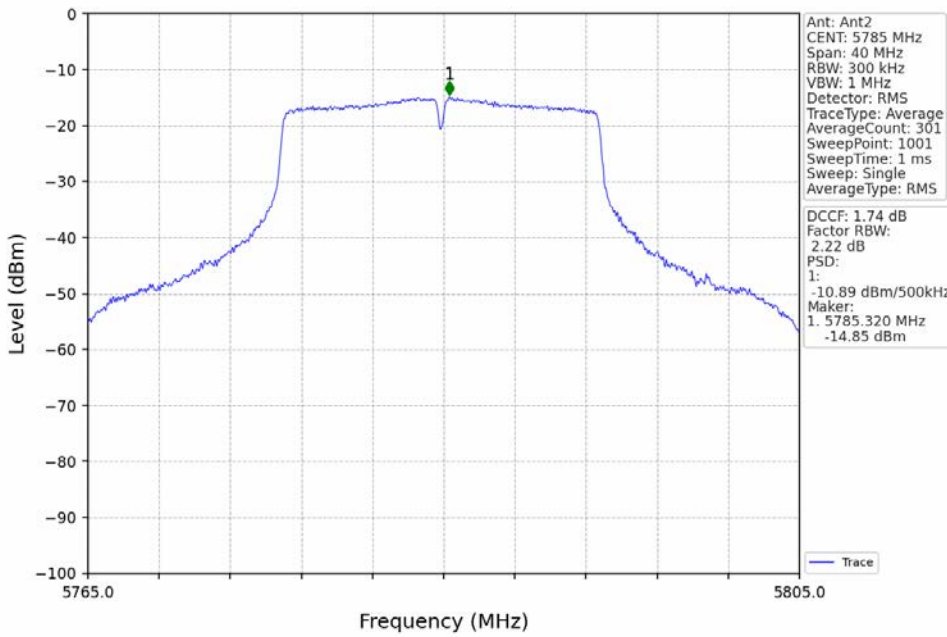
802.11n(HT20)\_LCH\_5745MHz\_Ant2\_NTNV



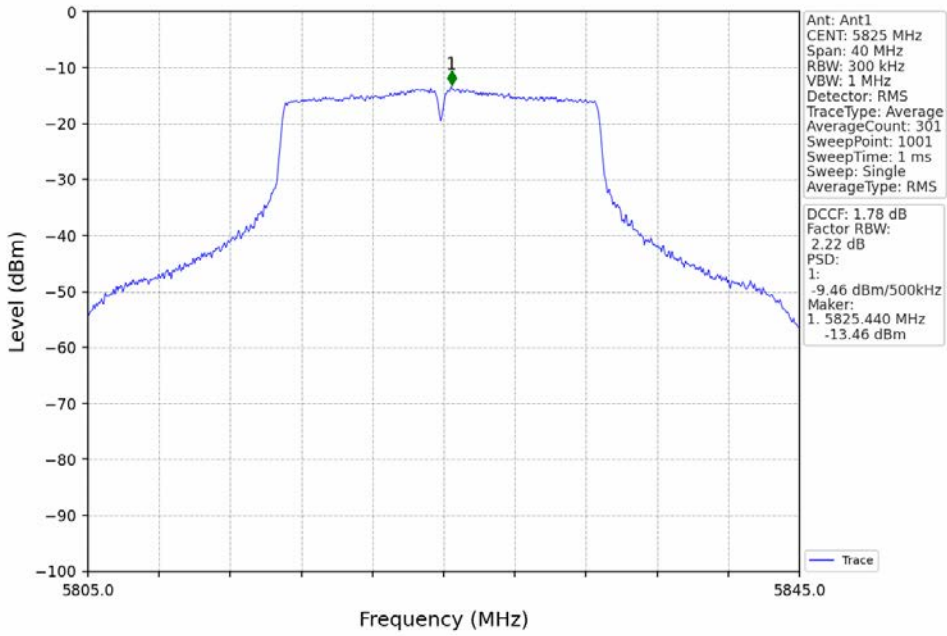
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



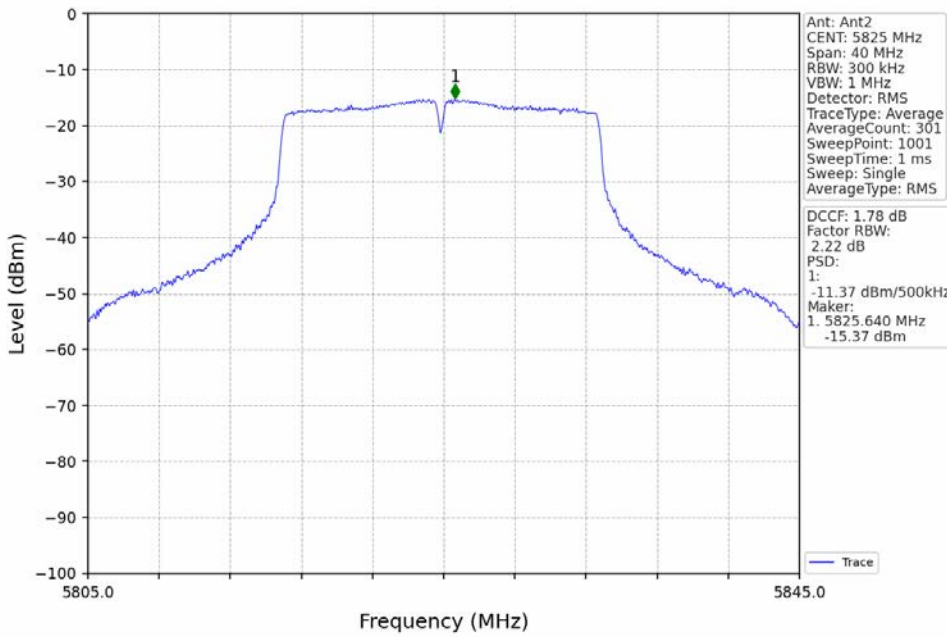
802.11n(HT20)\_MCH\_5785MHz\_Ant2\_NTNV



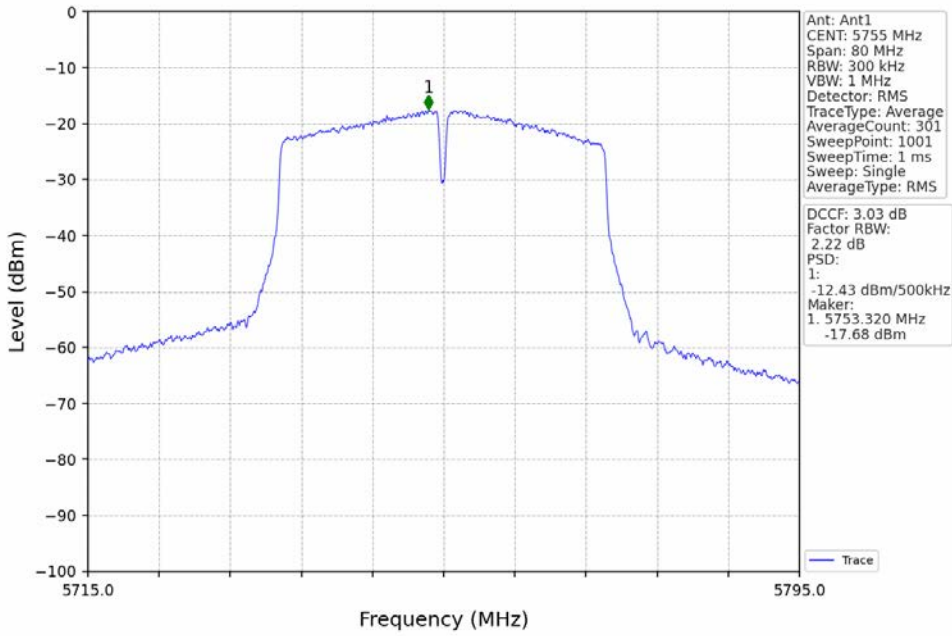
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



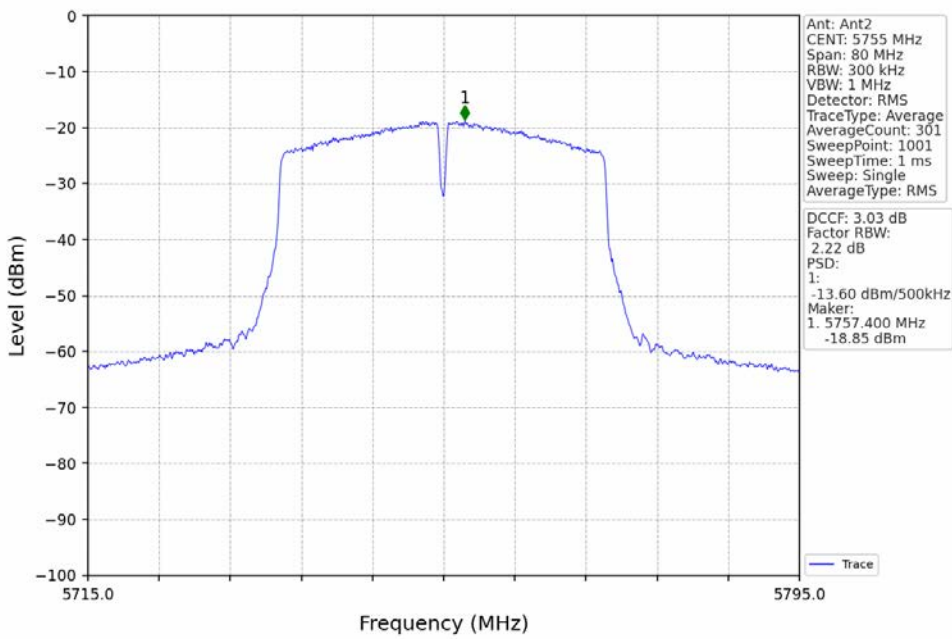
802.11n(HT20)\_HCH\_5825MHz\_Ant2\_NTNV



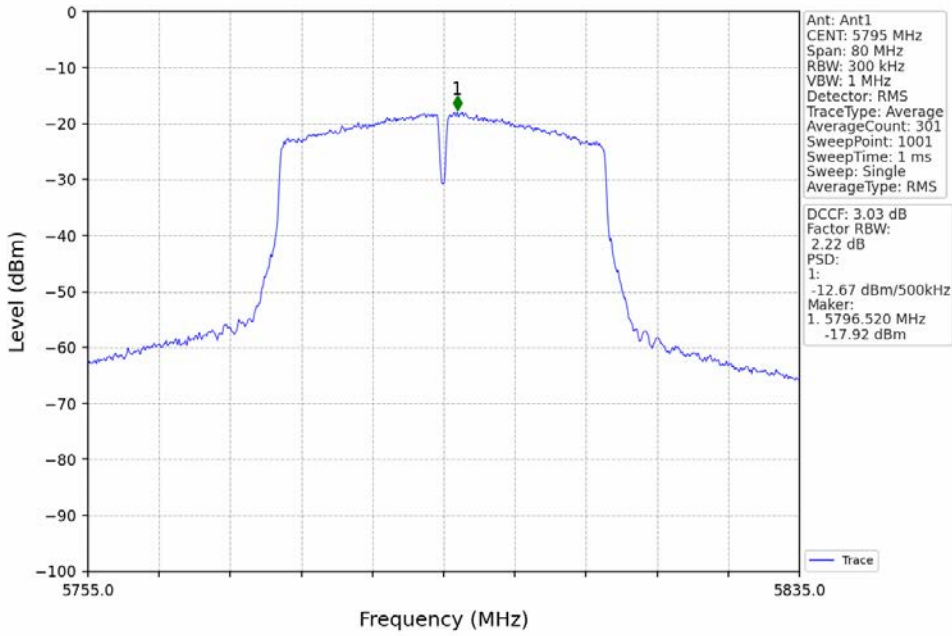
802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



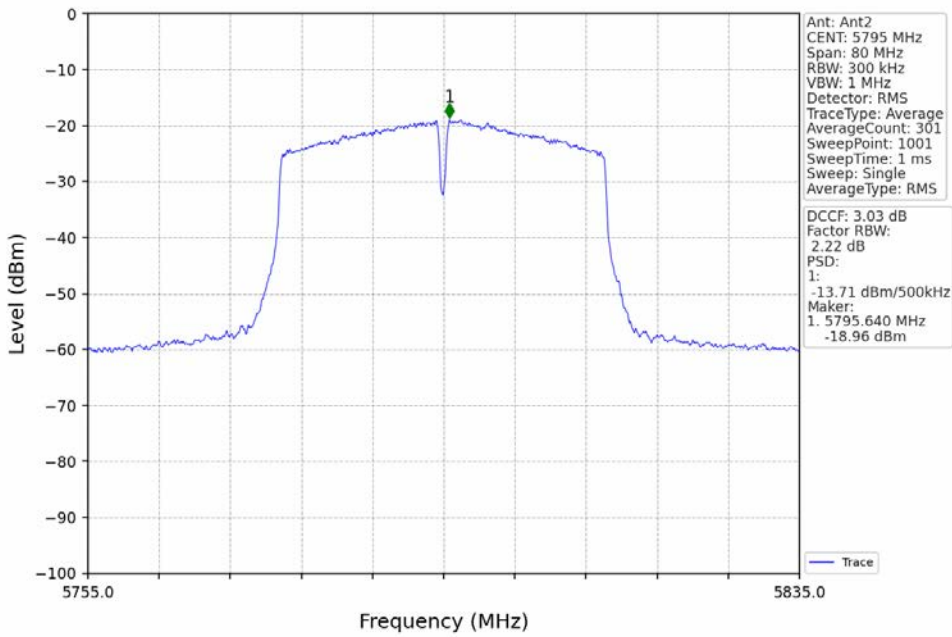
802.11n(HT40)\_LCH\_5755MHz\_Ant2\_NTNV



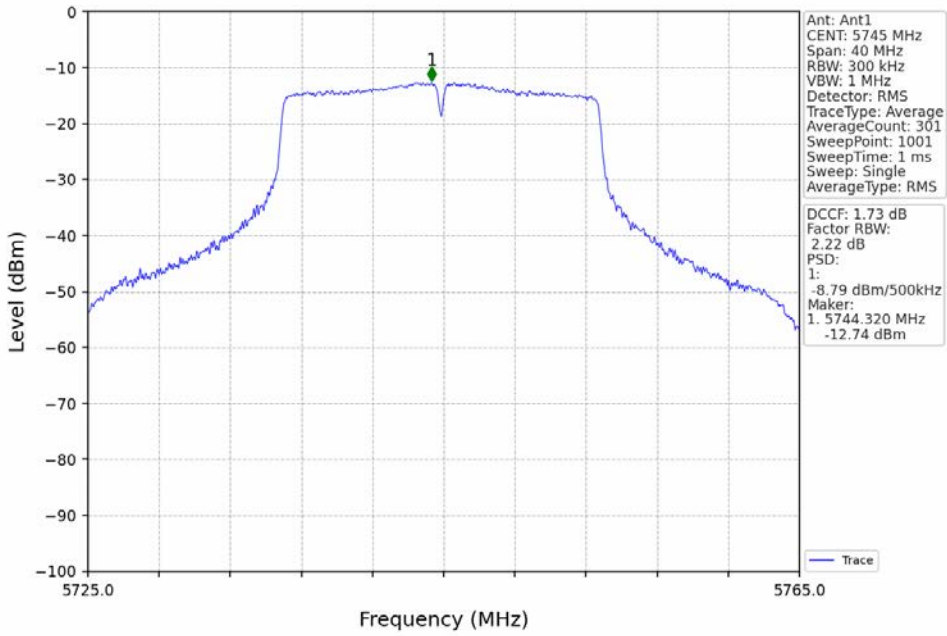
802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



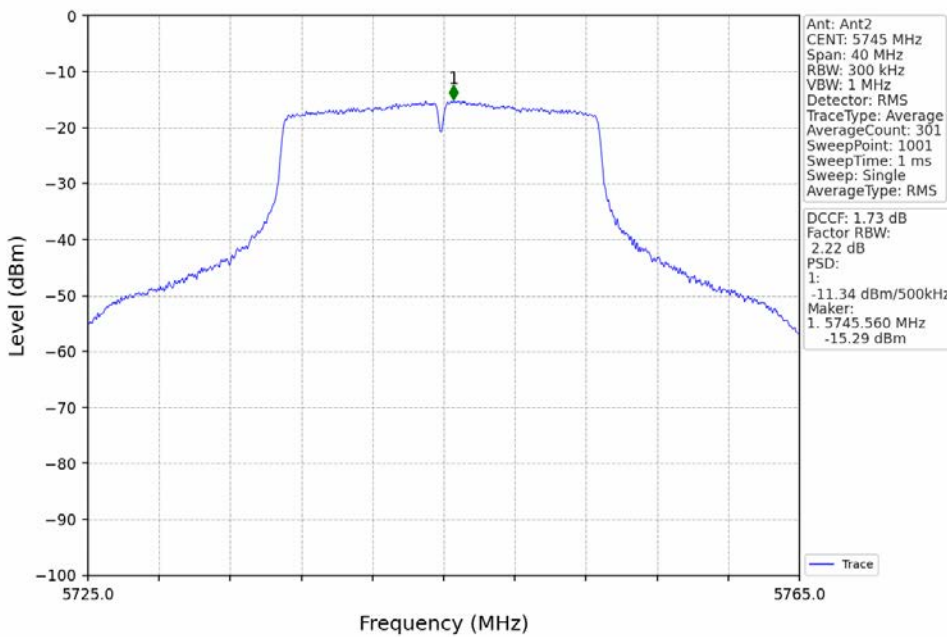
802.11n(HT40)\_HCH\_5795MHz\_Ant2\_NTNV



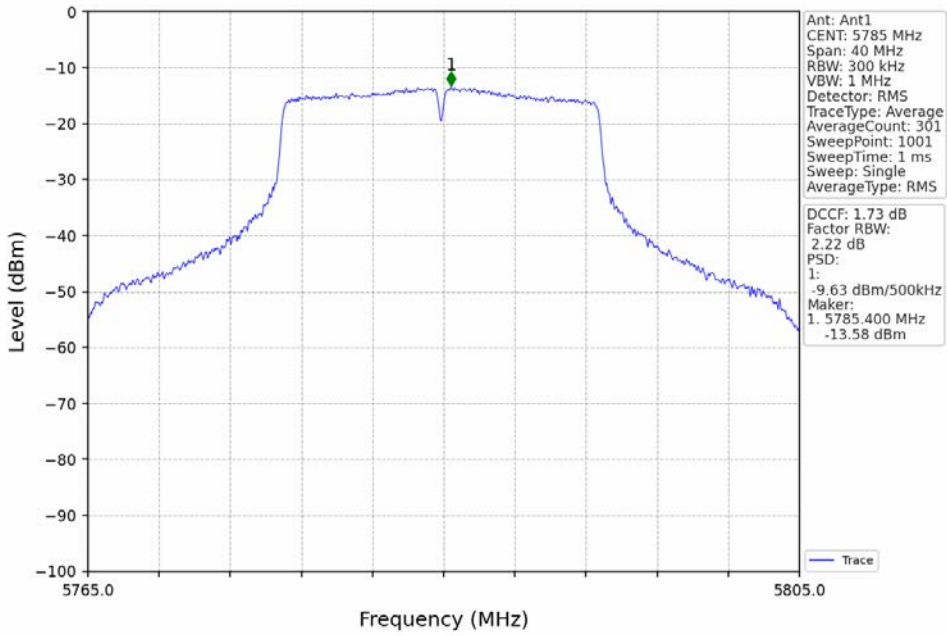
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



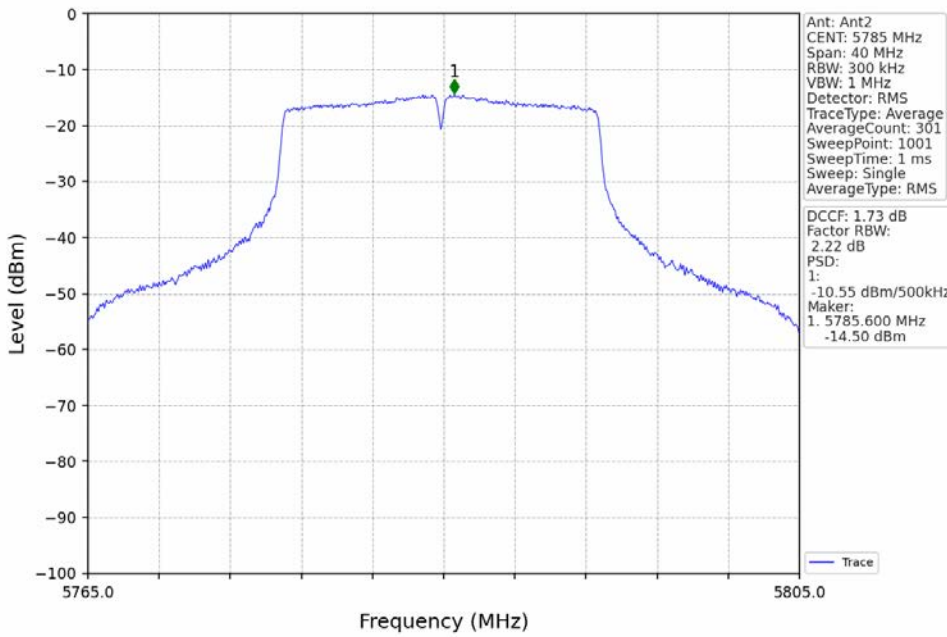
802.11ac(VHT20)\_LCH\_5745MHz\_Ant2\_NTNV



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

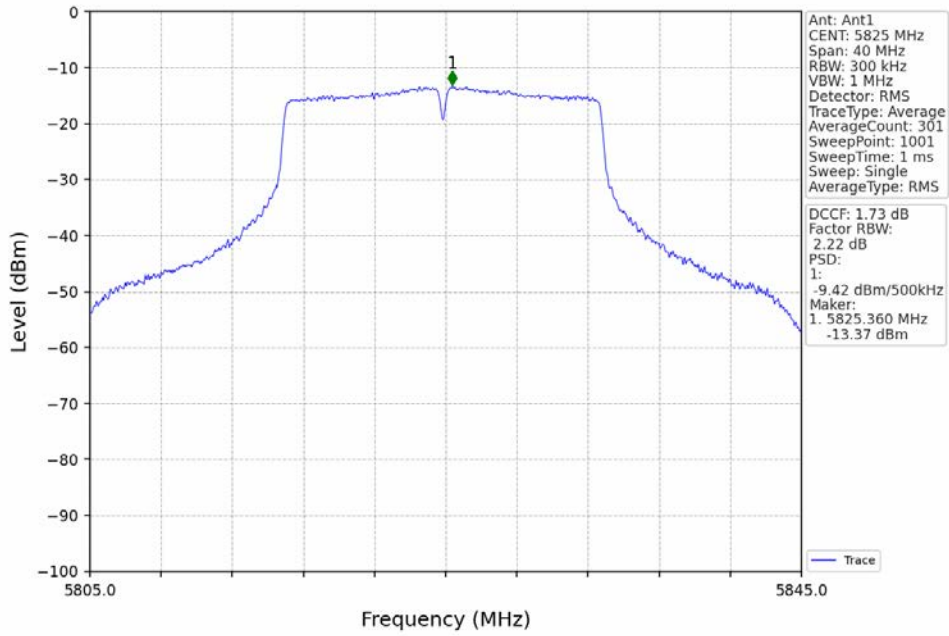


802.11ac(VHT20)\_MCH\_5785MHz\_Ant2\_NTNV

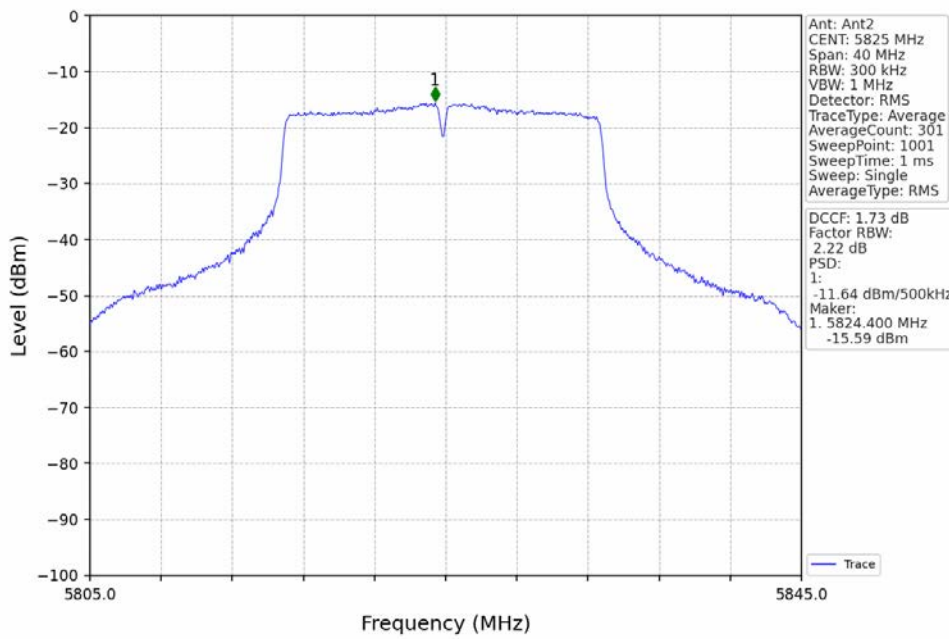




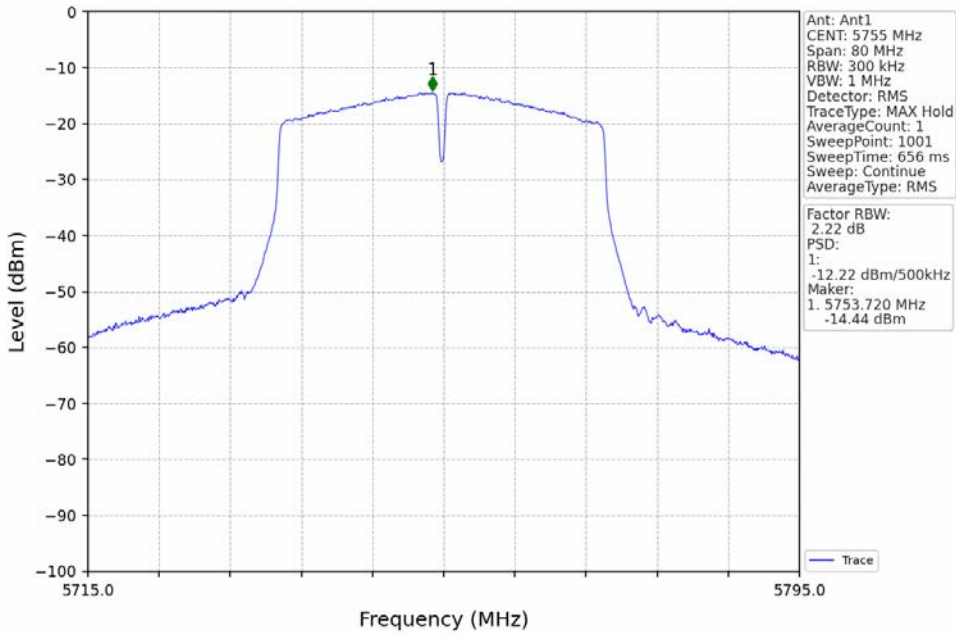
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



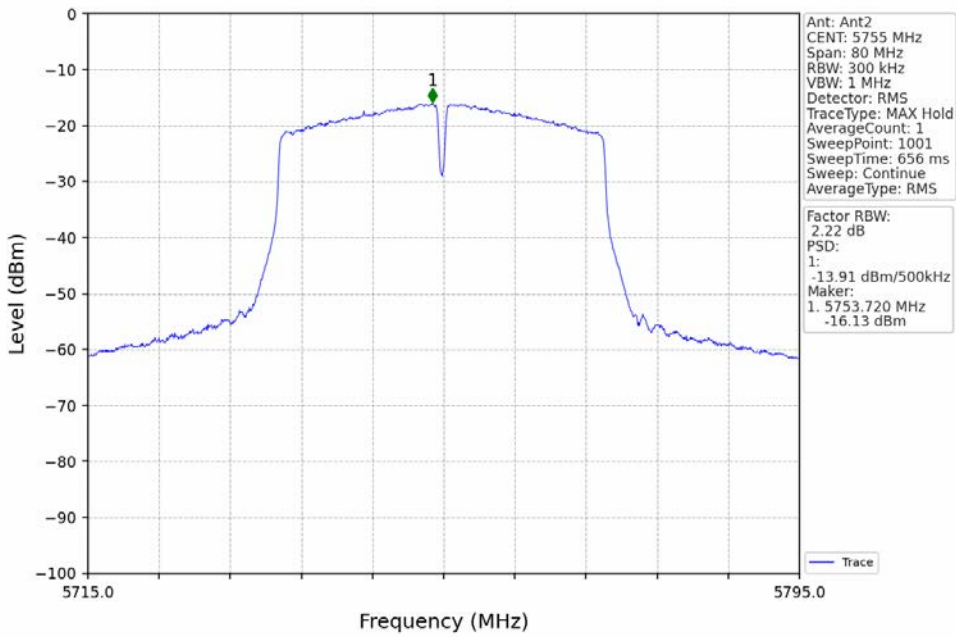
802.11ac(VHT20)\_HCH\_5825MHz\_Ant2\_NTNV



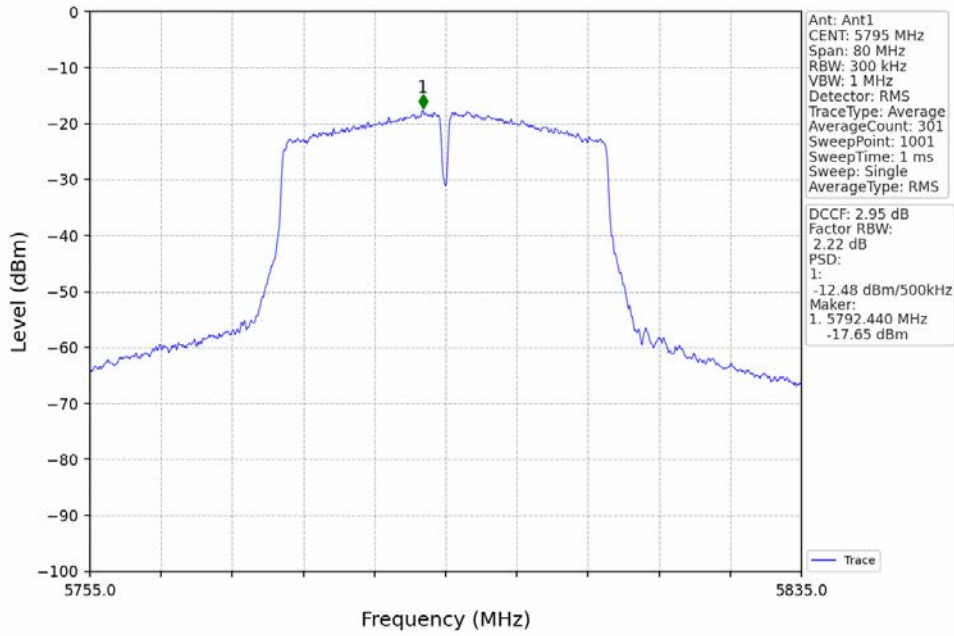
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



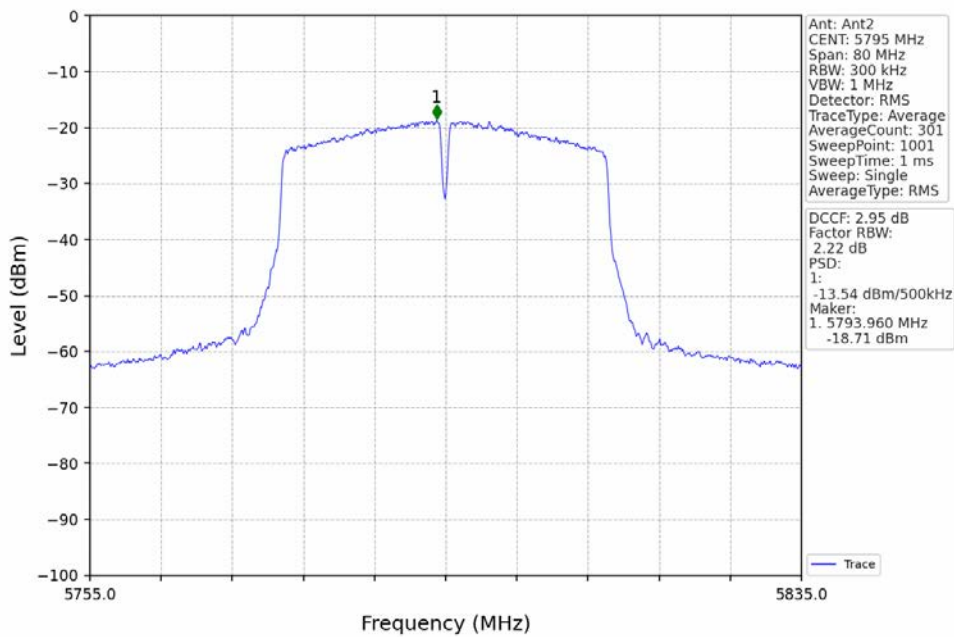
802.11ac(VHT40)\_LCH\_5755MHz\_Ant2\_NTNV



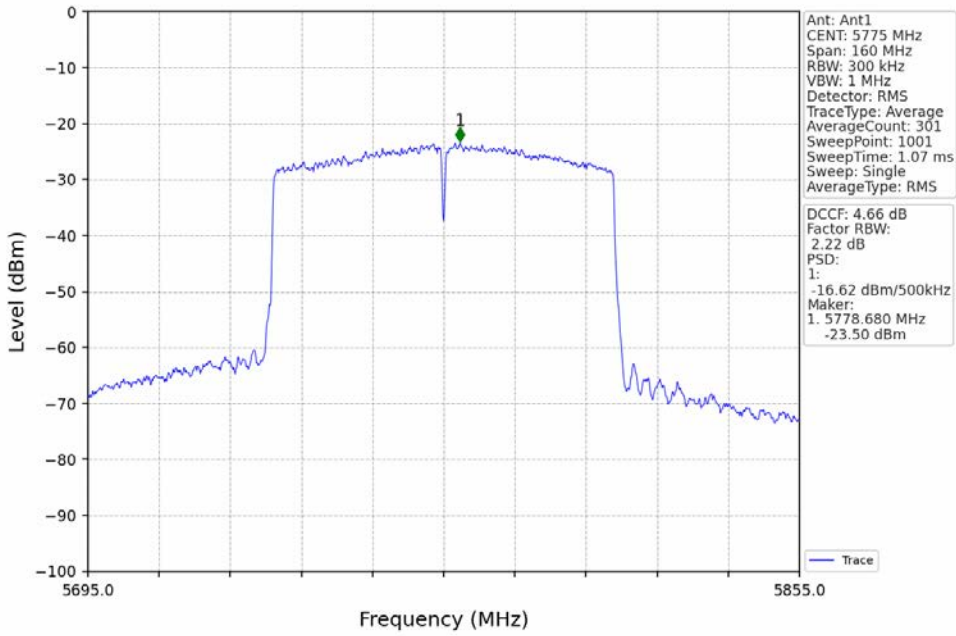
802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



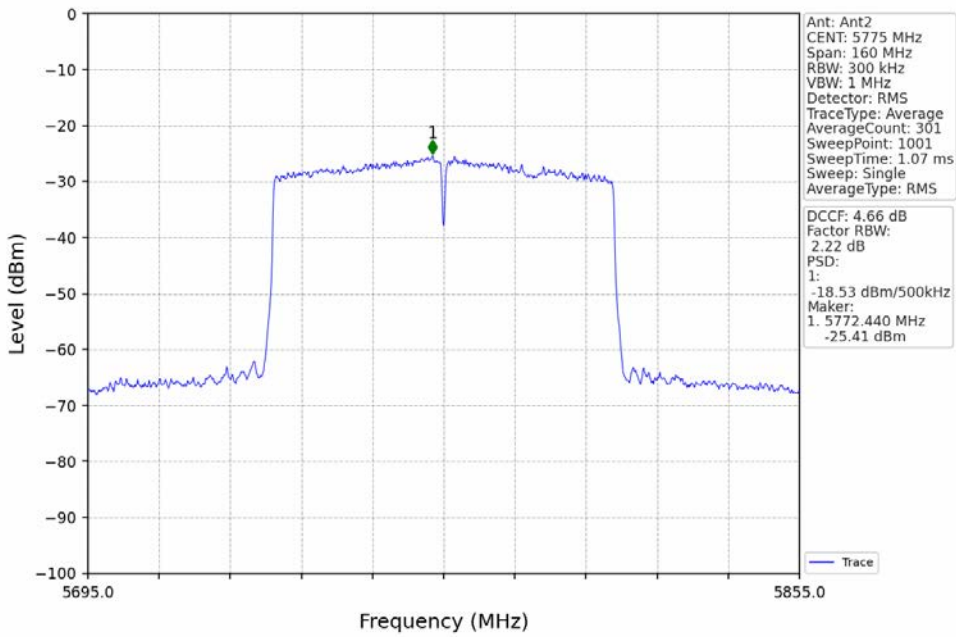
802.11ac(VHT40)\_HCH\_5795MHz\_Ant2\_NTNV



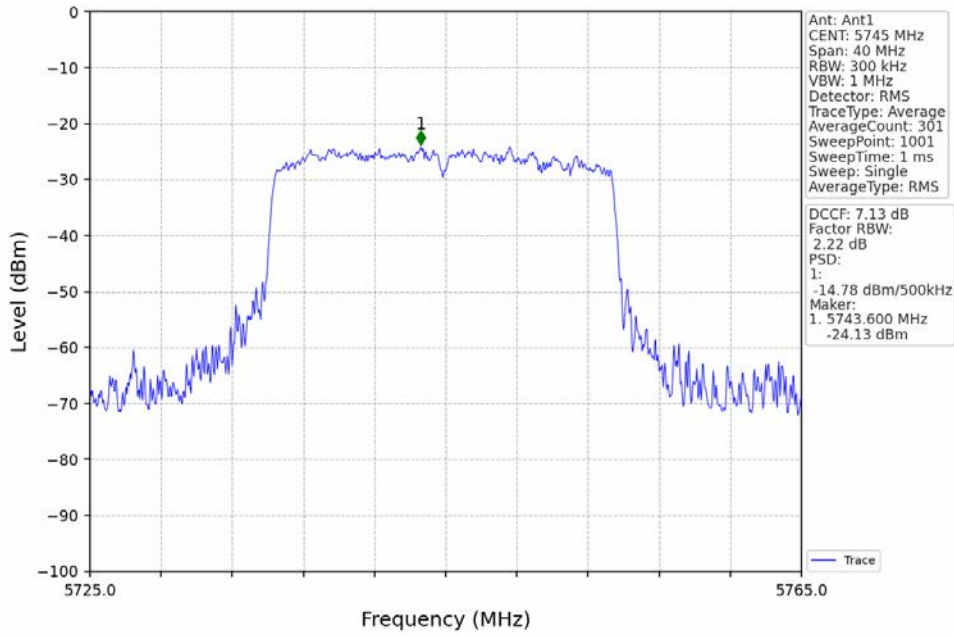
802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



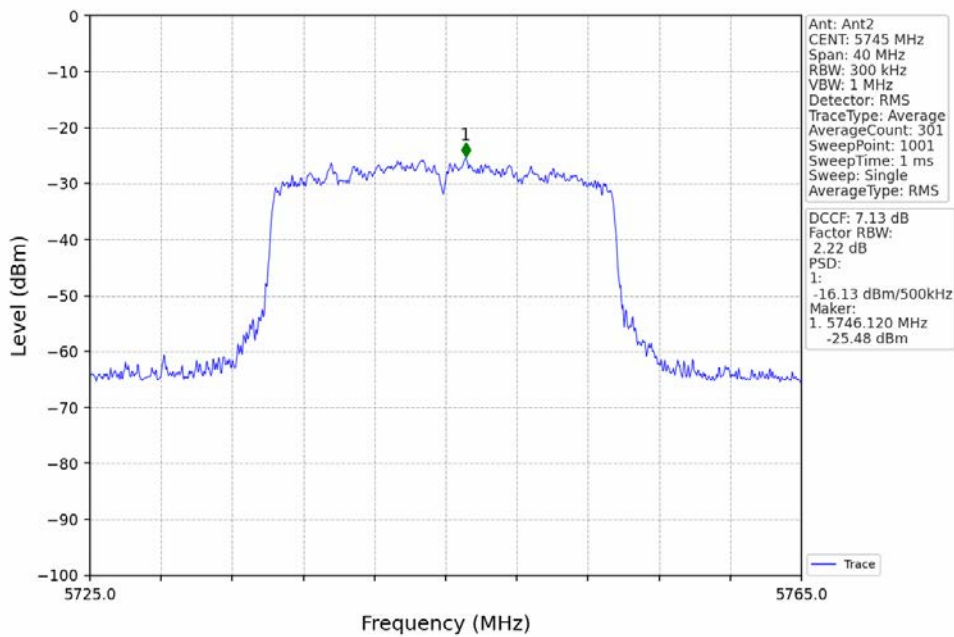
802.11ac(VHT80)\_MCH\_5775MHz\_Ant2\_NTNV



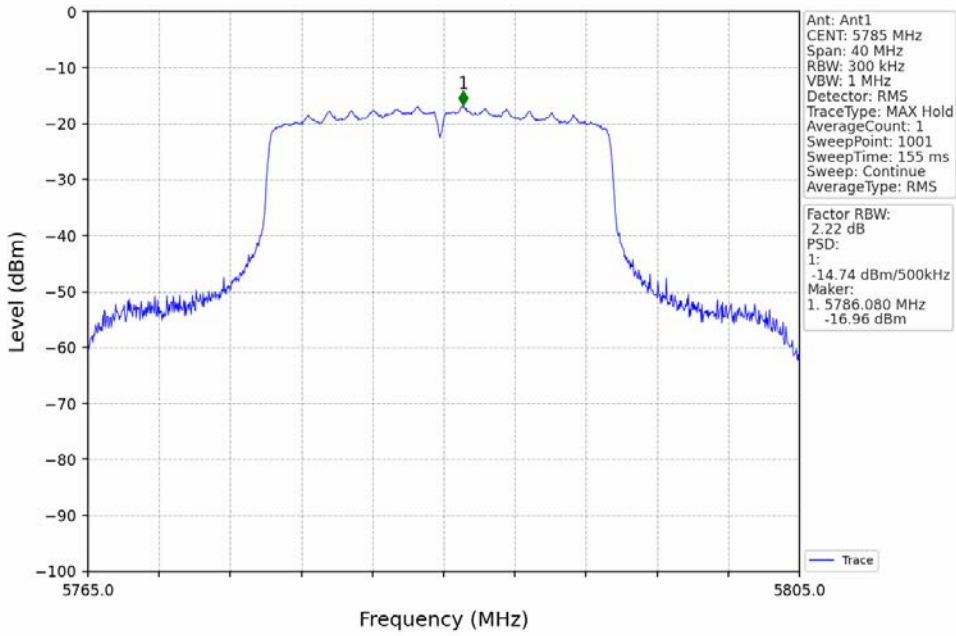
802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant1\_NTNV



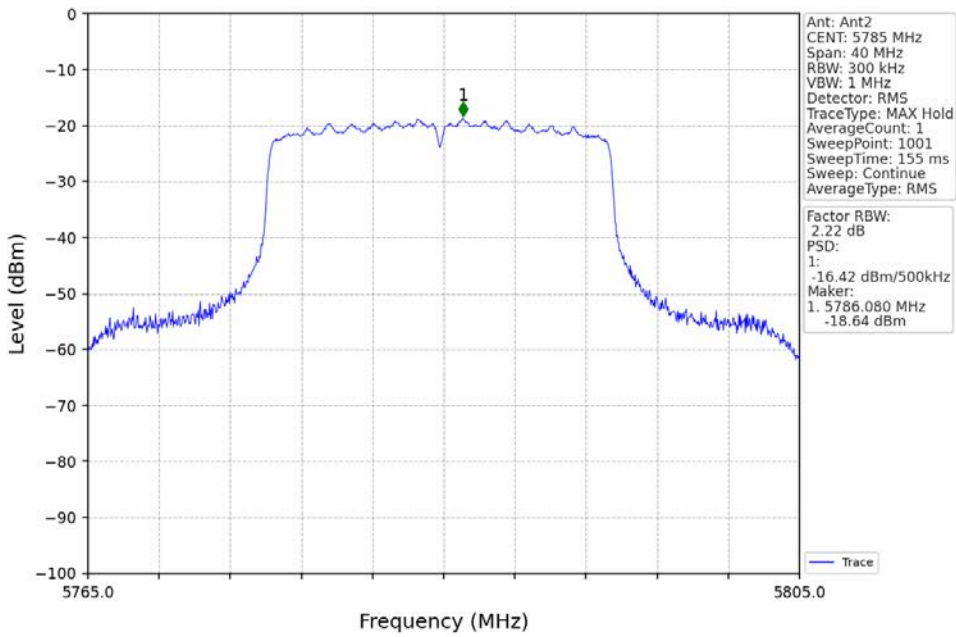
802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant2\_NTNV



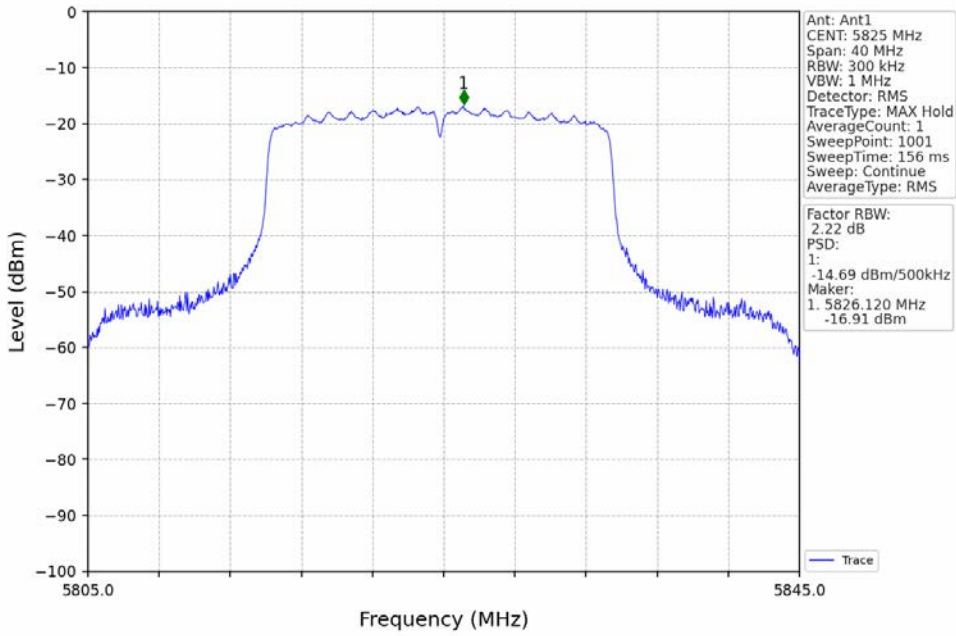
802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant1\_NTNV



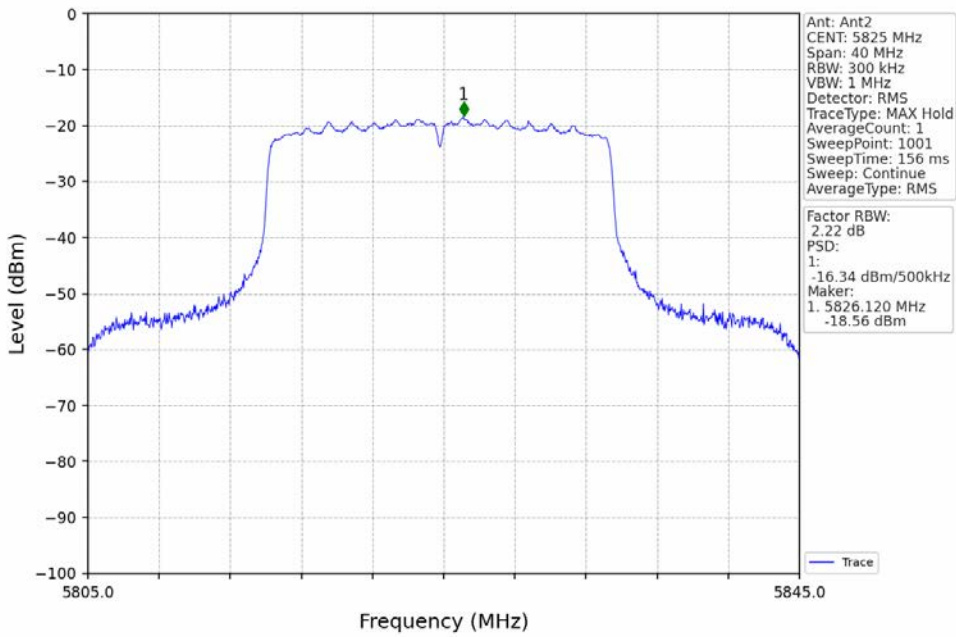
802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant2\_NTNV



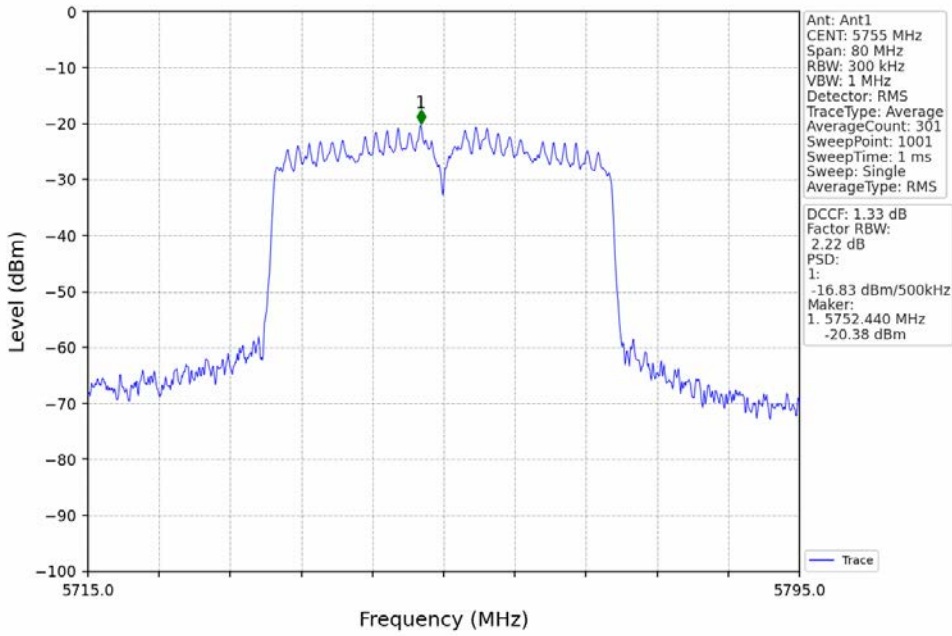
802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant1\_NTNV



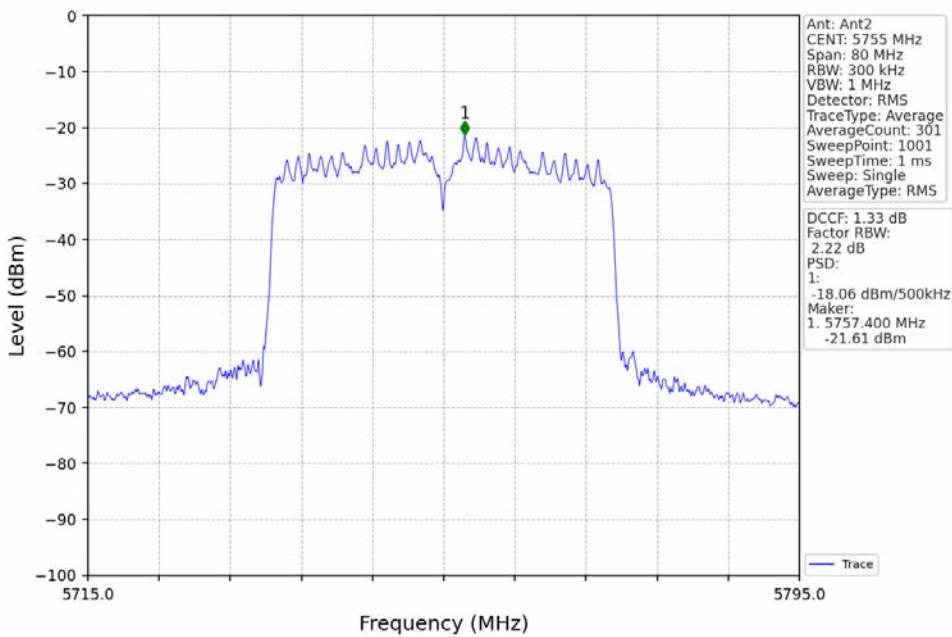
802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant2\_NTNV



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

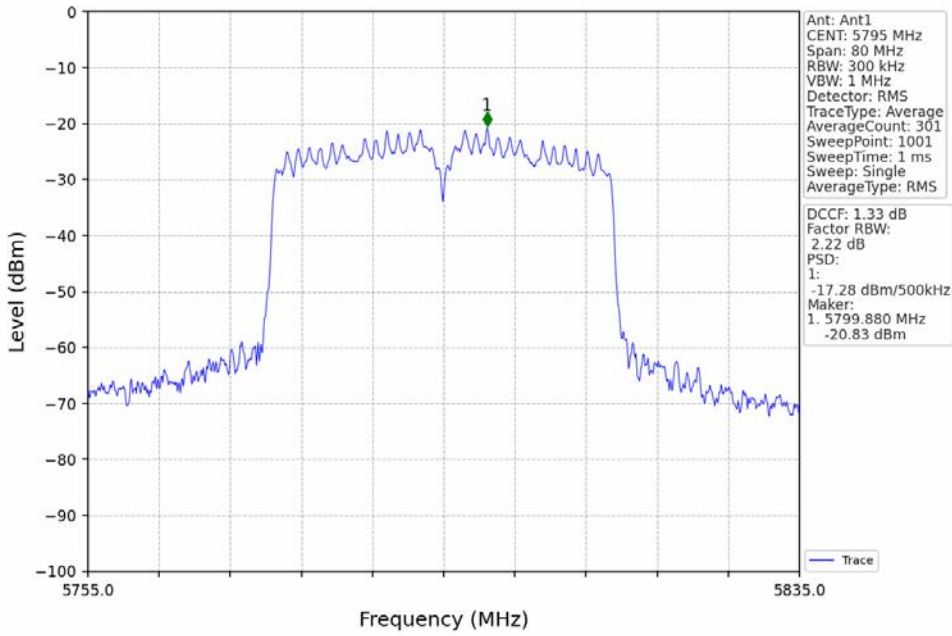


802.11ax(HEW40)\_LCH\_5755MHz\_RU484\_Left\_Ant2\_NTNV

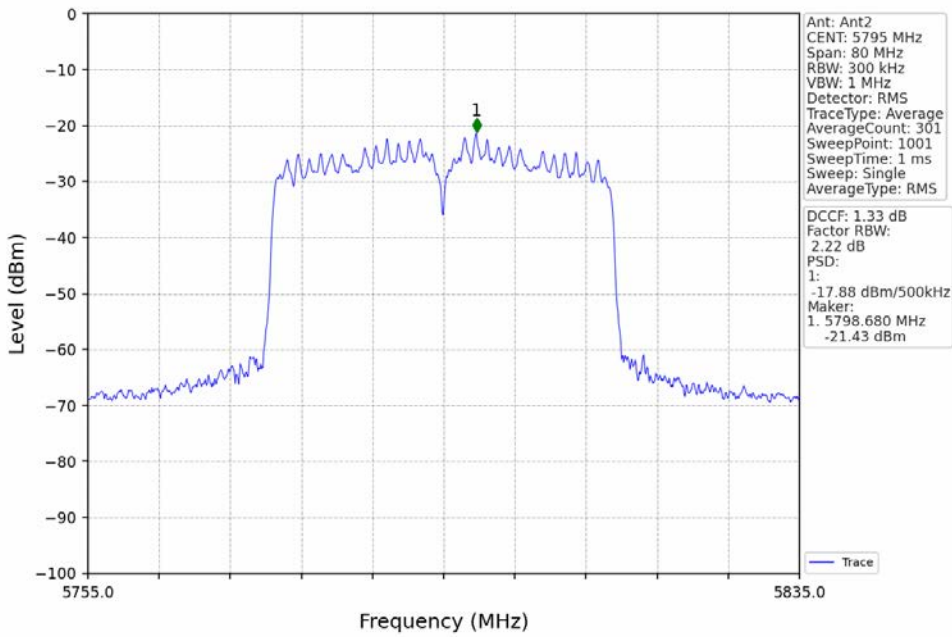




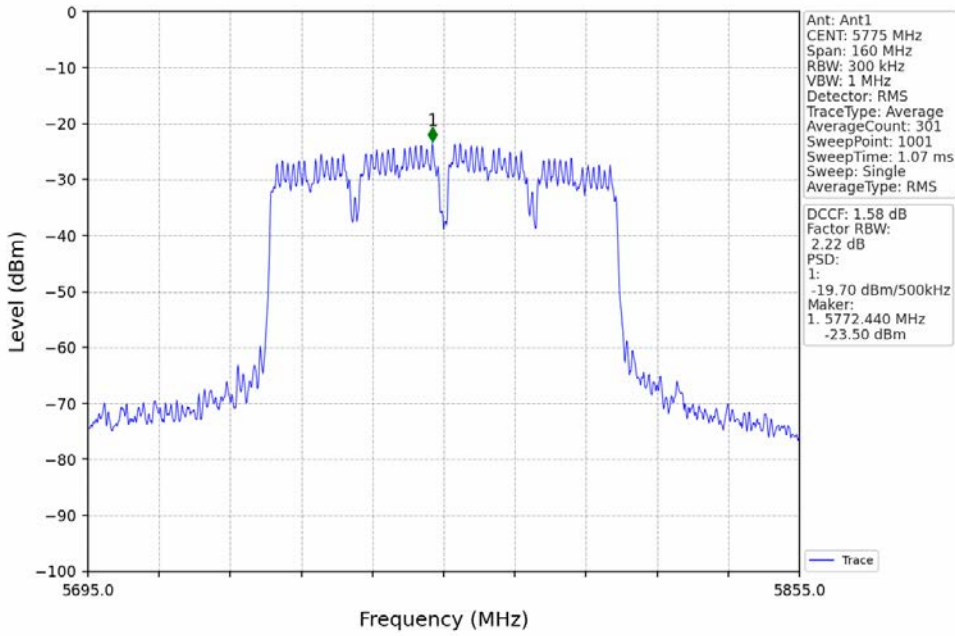
802.11ax(HEW40)\_HCH\_5795MHz\_RU484\_Left\_Ant1\_NTNV



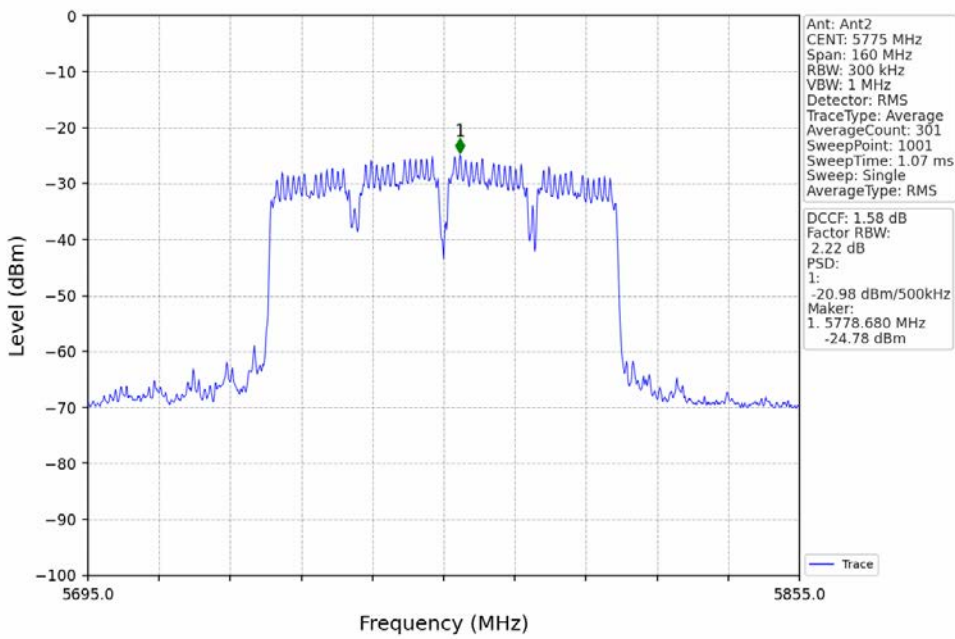
802.11ax(HEW40)\_HCH\_5795MHz\_RU484\_Left\_Ant2\_NTNV



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



802.11ax(HEW80)\_MCH\_5775MHz\_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	5745	20	102	5744.775	5725 to 5850	Pass		
				120	5744.771		Pass		
				138	5744.770		Pass		
			5785	-30	120	5744.770	5725 to 5850	Pass	
					-20	120		5744.770	Pass
						120		5744.770	Pass
				-10		120	5744.770	Pass	
					0	120	5744.770	Pass	
						120	5744.770	Pass	
		5825		10		120	5744.770	5725 to 5850	Pass
					30	120	5744.770		Pass
						40	120		5744.770
			50	120			5744.770	Pass	
				20	102		5784.770	5725 to 5850	Pass
					120	5784.768	Pass		
			138		5784.768	Pass			
			5755	-30	120	5784.768	5725 to 5850	Pass	
					-20	120		5784.767	Pass
		-10				120		5784.767	Pass
				0		120	5784.767	Pass	
					10	120	5784.767	Pass	
		30				120	5784.767	Pass	
				40		120	5784.767	Pass	
					50	120	5784.767	Pass	
		5795				20	102	5824.768	5725 to 5850
			120	5824.766			Pass		
			138	5824.765	Pass				
			5745	-30	120	5824.765	5725 to 5850	Pass	
					-20	120		5824.765	Pass
						-10		120	5824.765
				0			120	5824.765	Pass
					10		120	5824.765	Pass
						30	120	5824.765	Pass
		40		120			5824.765	Pass	
				50	120		5824.765	Pass	
					5785	20	102	5754.773	5725 to 5850
		120	5754.770				Pass		
		138	5754.770	Pass					
		5745	-30	120		5754.769	5725 to 5850	Pass	
				-20		120		5754.769	Pass
						-10		120	5754.769
			0				120	5754.769	Pass
				10			120	5754.769	Pass
						30	120	5754.769	Pass
			40		120		5754.769	Pass	
				50	120		5754.769	Pass	
					5795	20	102	5794.770	5725 to 5850
		120	5794.768				Pass		
138	5794.767	Pass							
-30	120	5794.767	Pass						
	-20	120	5794.767	Pass					
		120	5794.767	Pass					
0	120	5794.767	Pass						

	5775	10	120	5794.767	5725 to 5850	Pass
		30	120	5794.767	5725 to 5850	Pass
		40	120	5794.767	5725 to 5850	Pass
		50	120	5794.767	5725 to 5850	Pass
		20	102	5774.772	5725 to 5850	Pass
			120	5774.769	5725 to 5850	Pass
			138	5774.768	5725 to 5850	Pass
		-30	120	5774.768	5725 to 5850	Pass
		-20	120	5774.768	5725 to 5850	Pass
		-10	120	5774.768	5725 to 5850	Pass
		0	120	5774.768	5725 to 5850	Pass
		10	120	5774.768	5725 to 5850	Pass
		30	120	5774.768	5725 to 5850	Pass
		40	120	5774.768	5725 to 5850	Pass
		50	120	5774.768	5725 to 5850	Pass

-----End-----