

## 1. Duty Cycle

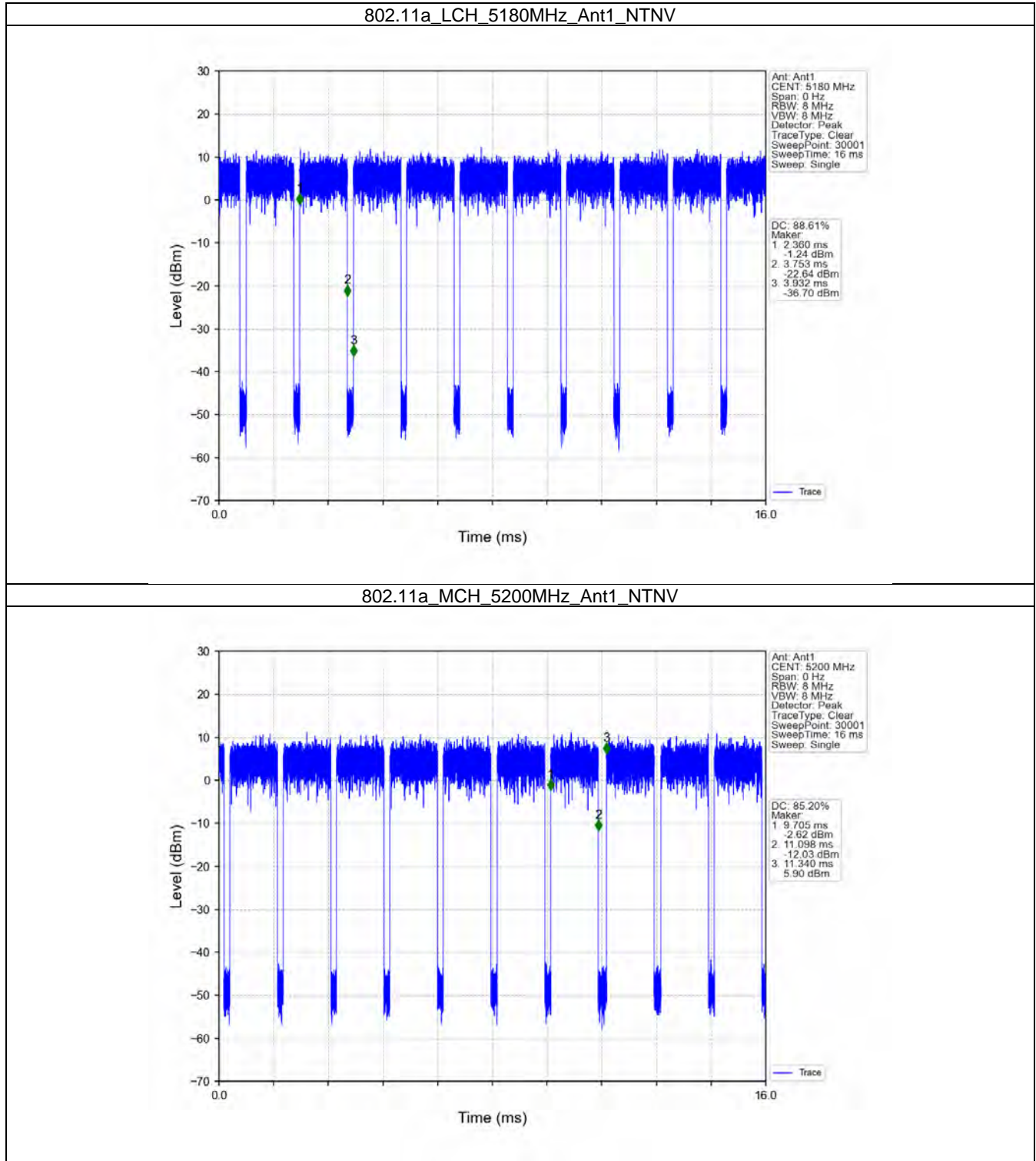
### 1.1 Test Result

#### 1.1.1 Ant1

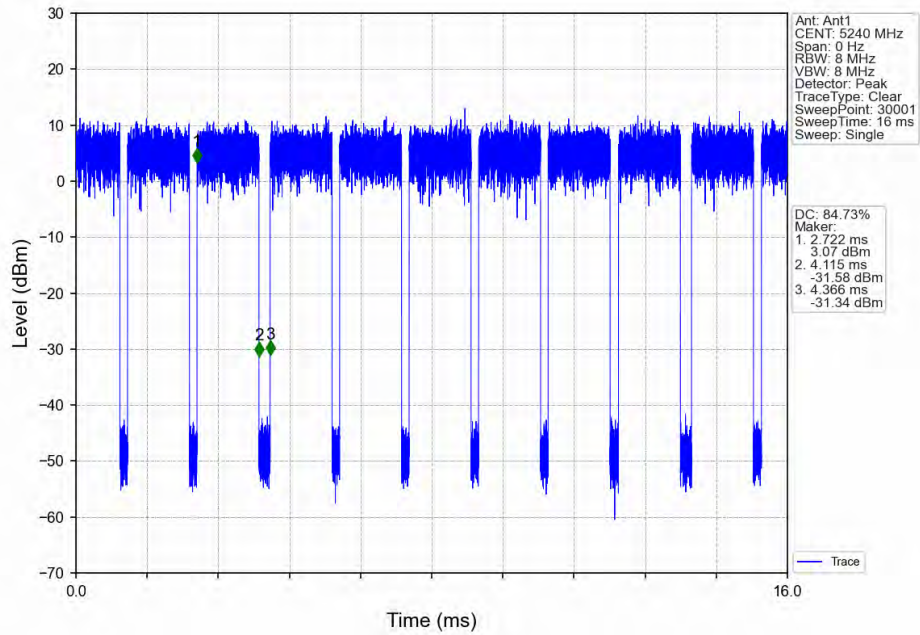
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	1.393	1.572	88.61	0.53	1.04
		5200	1.393	1.635	85.20	0.70	4.44
		5240	1.393	1.644	84.73	0.72	4.40
		5745	1.392	1.652	84.26	0.74	5.35
		5785	1.392	1.635	85.14	0.70	4.48
		5825	1.393	1.635	85.20	0.70	3.93
802.11n (HT20)	SISO	5180	1.175	1.363	86.21	0.64	1.72
		5200	1.174	1.417	82.85	0.82	5.04
		5240	1.174	1.417	82.85	0.82	4.43
		5745	1.174	1.353	86.77	0.62	0.61
		5785	1.174	1.426	82.33	0.84	4.98
		5825	1.174	1.425	82.39	0.84	4.98
802.11n (HT40)	SISO	5190	0.587	0.775	75.74	1.21	1.83
		5230	0.587	0.838	70.05	1.55	7.51
		5755	0.587	0.784	74.87	1.26	2.70
		5795	0.587	0.775	75.74	1.21	2.74
802.11ac (VHT20)	SISO	5180	1.185	1.464	80.94	0.92	6.47
		5200	1.185	1.374	86.24	0.64	1.16
		5240	1.186	1.482	80.03	0.97	7.44
		5745	1.185	1.446	81.95	0.86	6.06
		5785	1.185	1.347	87.97	0.56	1.21
		5825	1.185	1.347	87.97	0.56	1.21
802.11ac (VHT40)	SISO	5190	0.592	0.869	68.12	1.67	9.67
		5230	0.591	0.842	70.19	1.54	8.40
		5755	0.591	0.752	78.59	1.05	1.93
		5795	0.591	0.752	78.59	1.05	1.93
802.11ac (VHT80)	SISO	5210	0.297	0.493	60.24	2.20	4.76
		5775	0.297	0.458	64.85	1.88	2.69

## 1.2 Test Graph

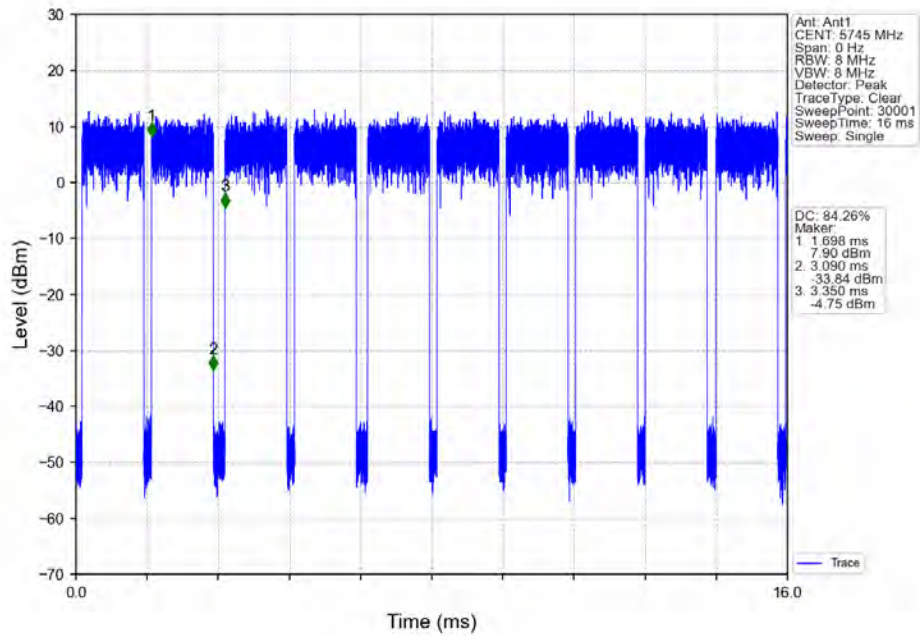
### 1.2.1 Ant1



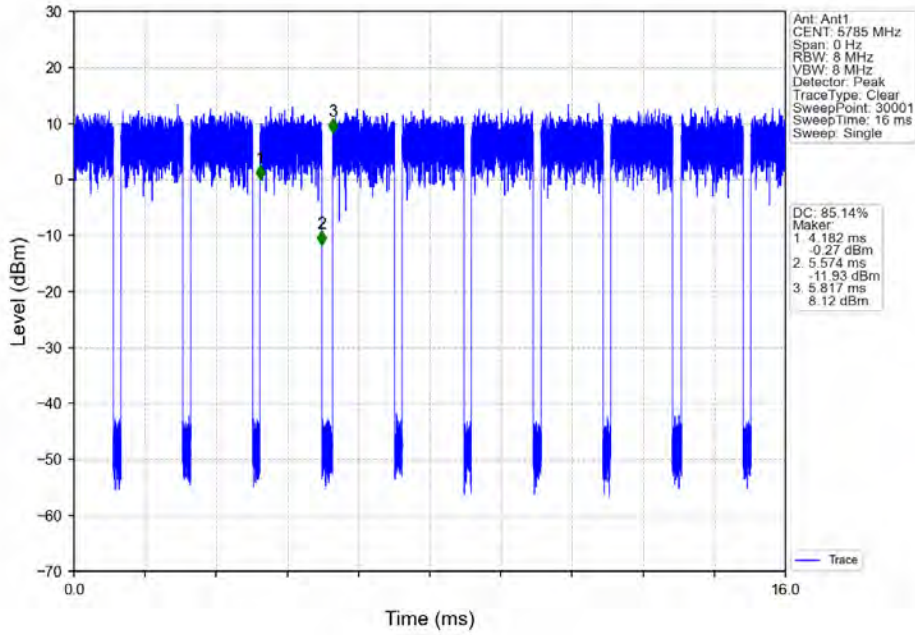
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



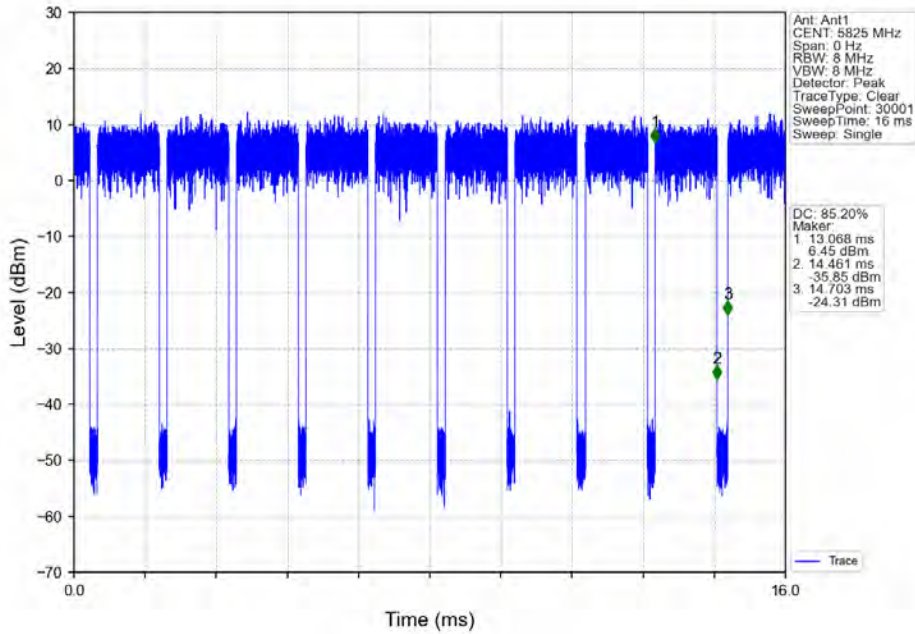
802.11a\_LCH\_5745MHz\_Ant1\_NTNV



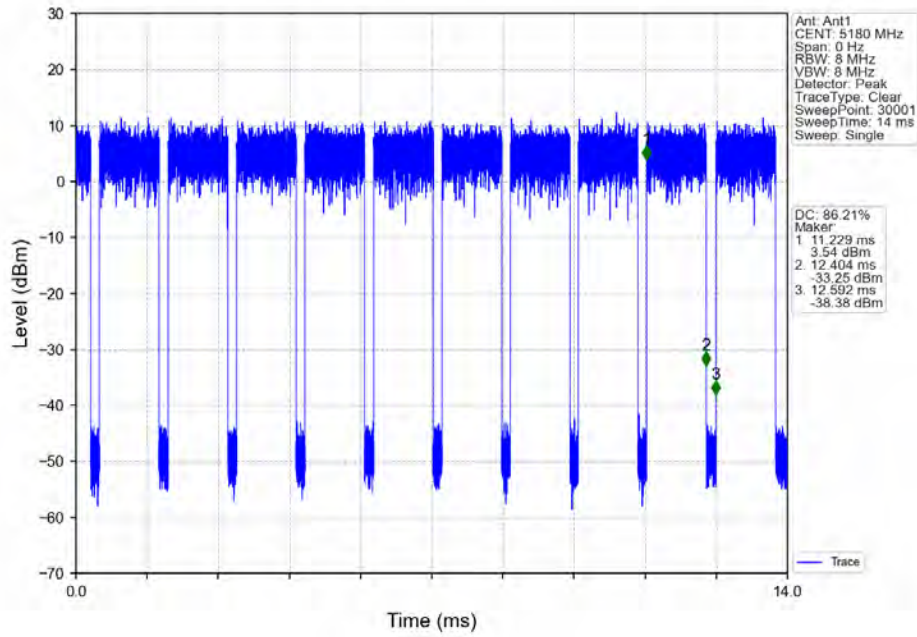
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



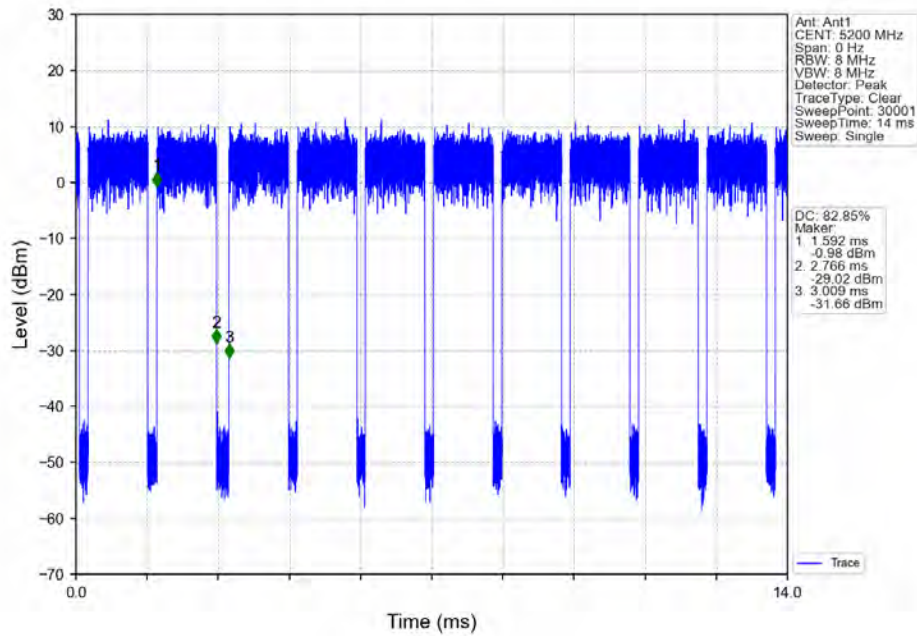
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



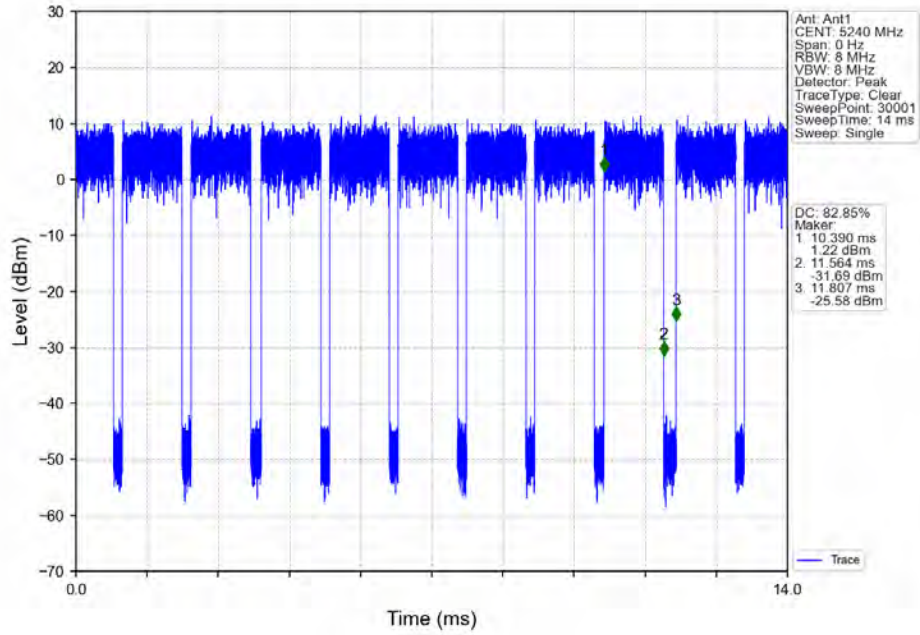
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



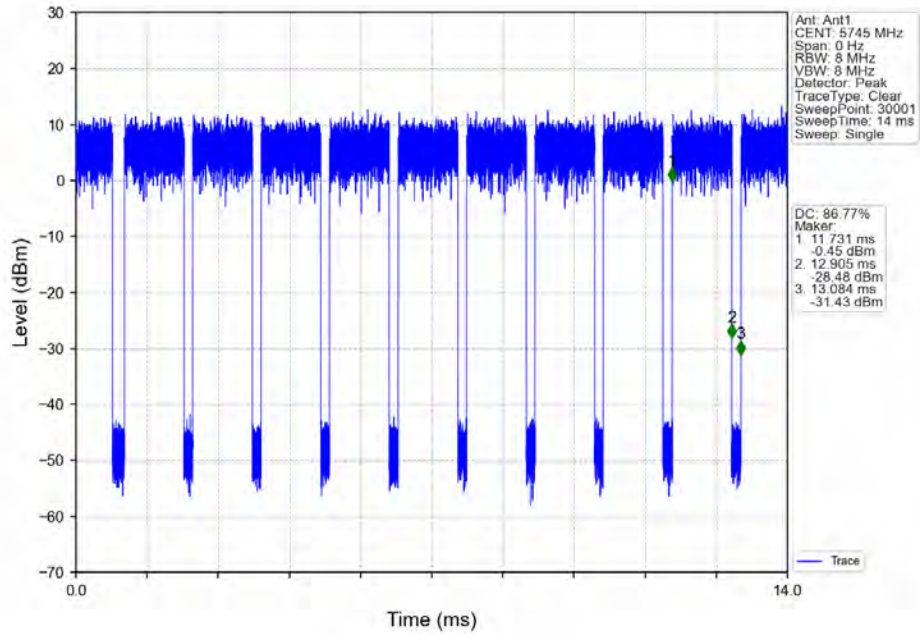
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



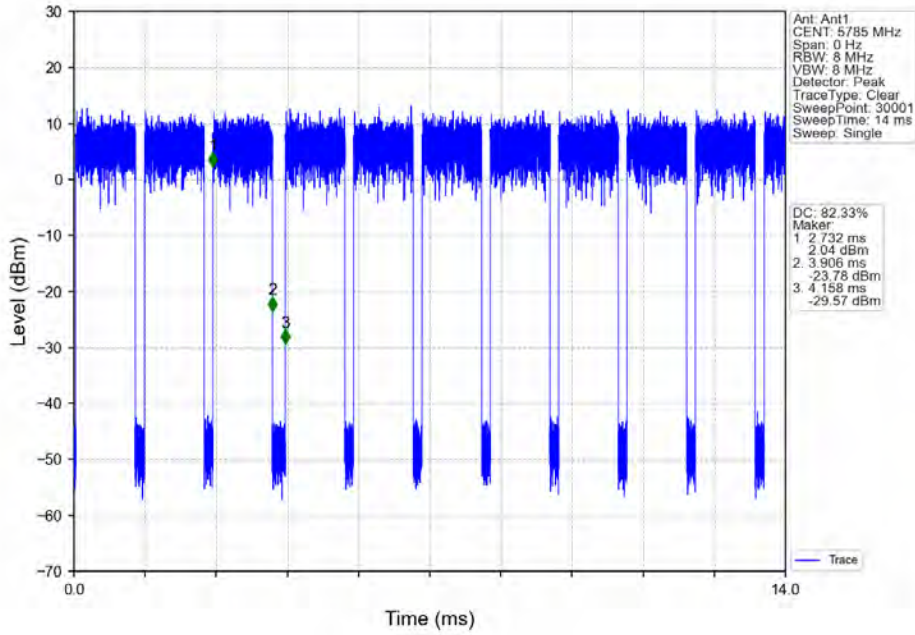
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



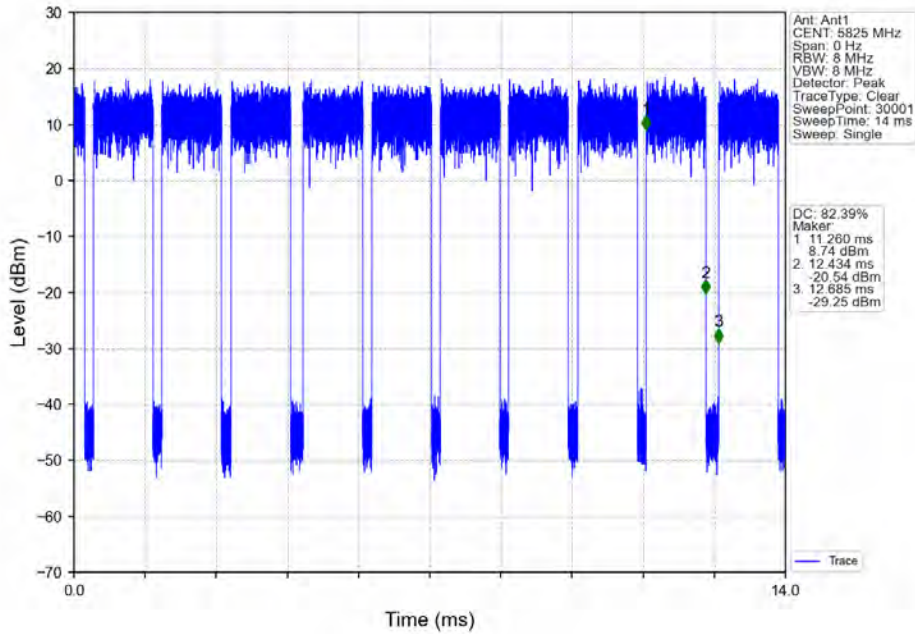
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



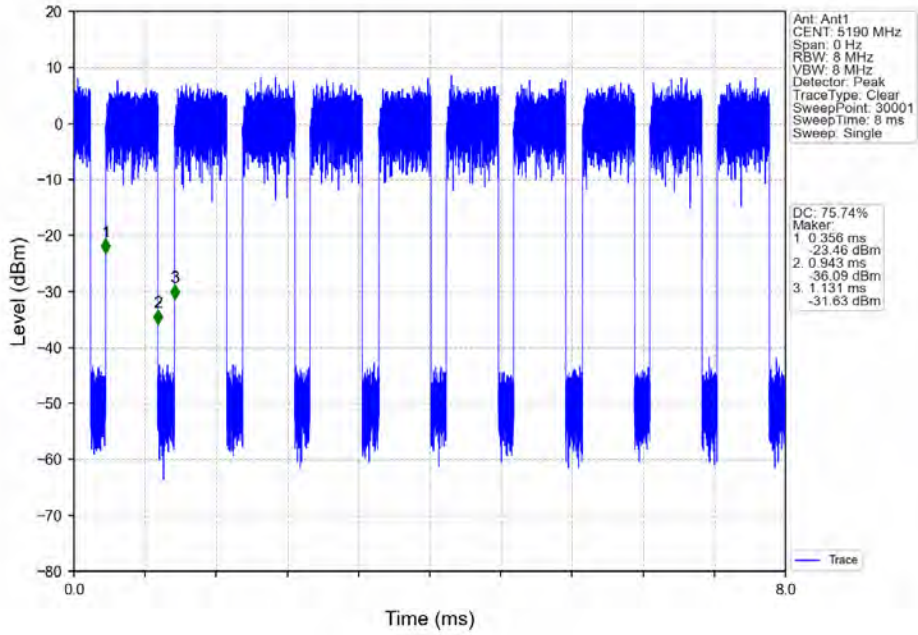
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



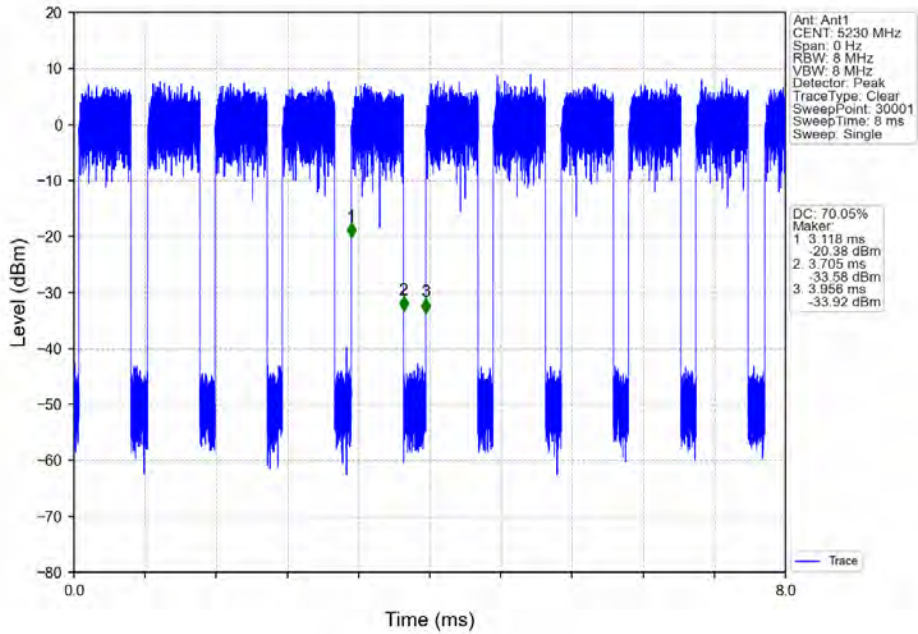
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



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

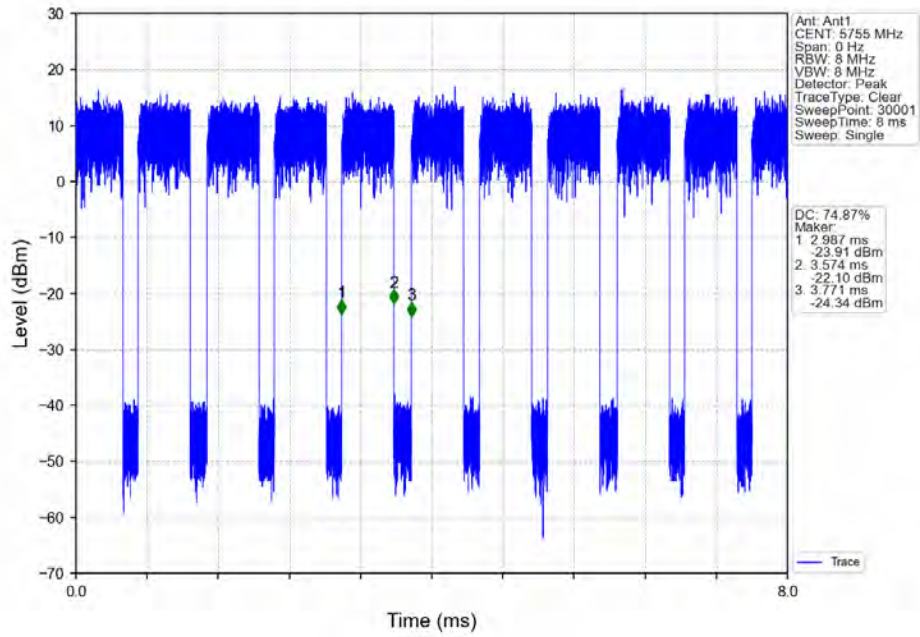


802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV

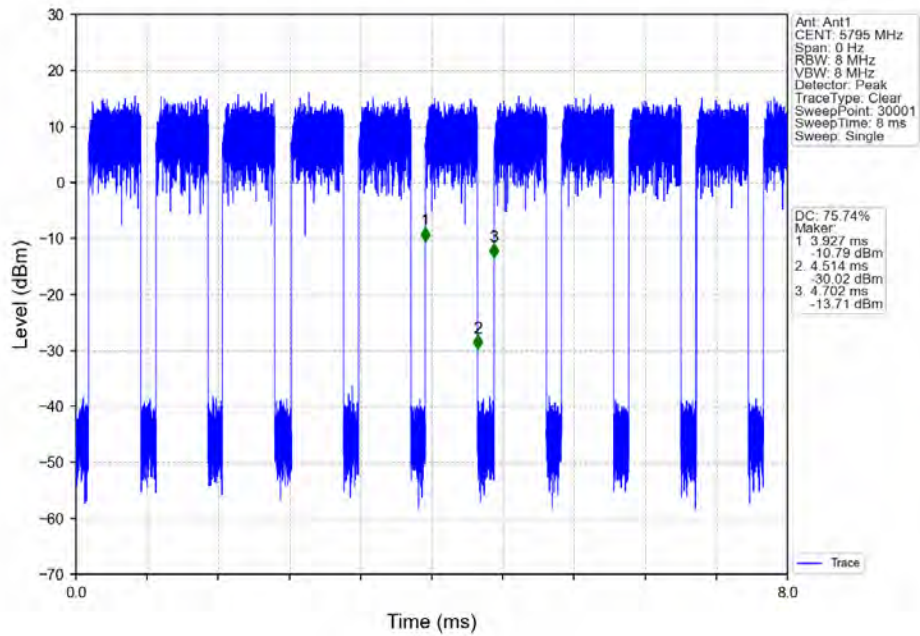




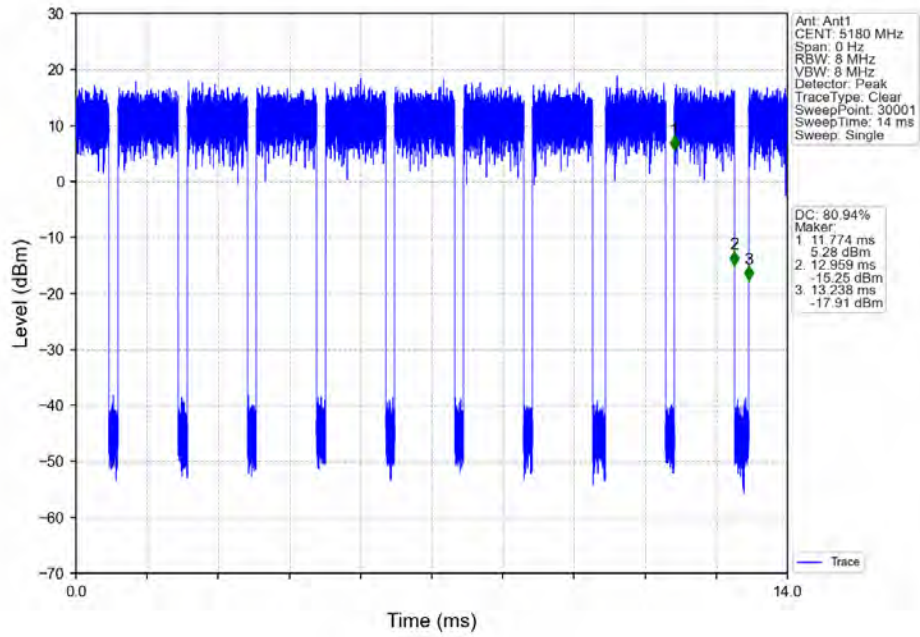
802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



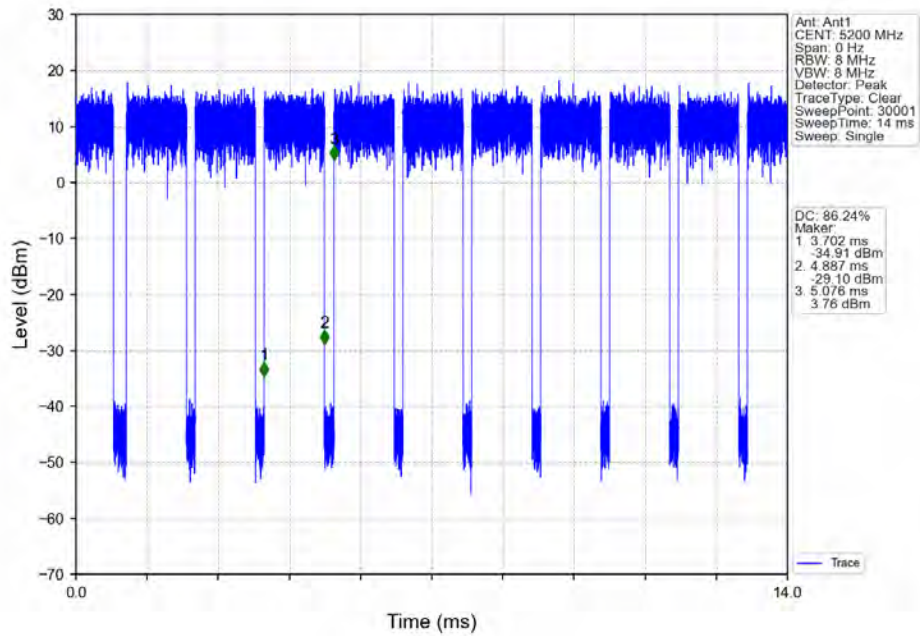
802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



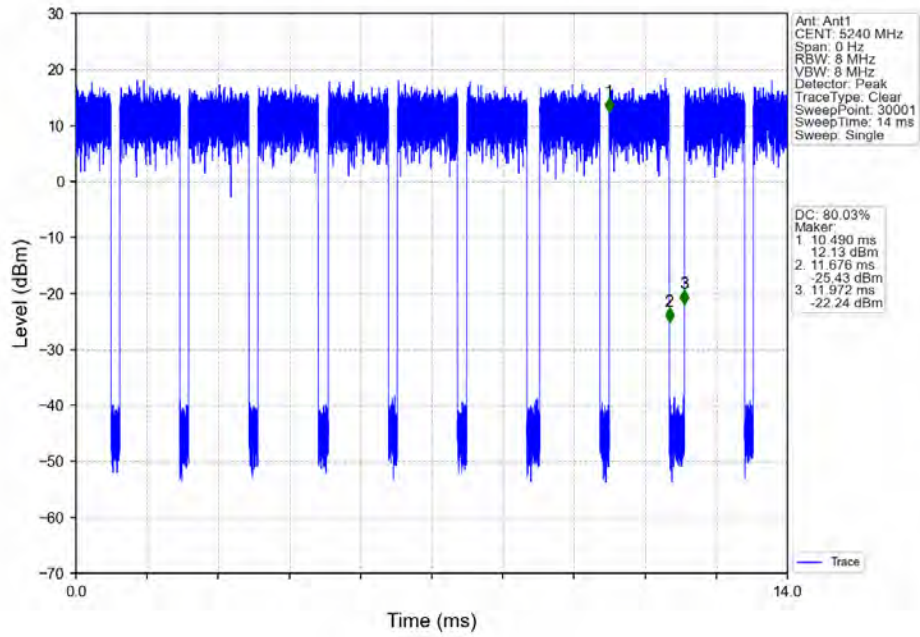
802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



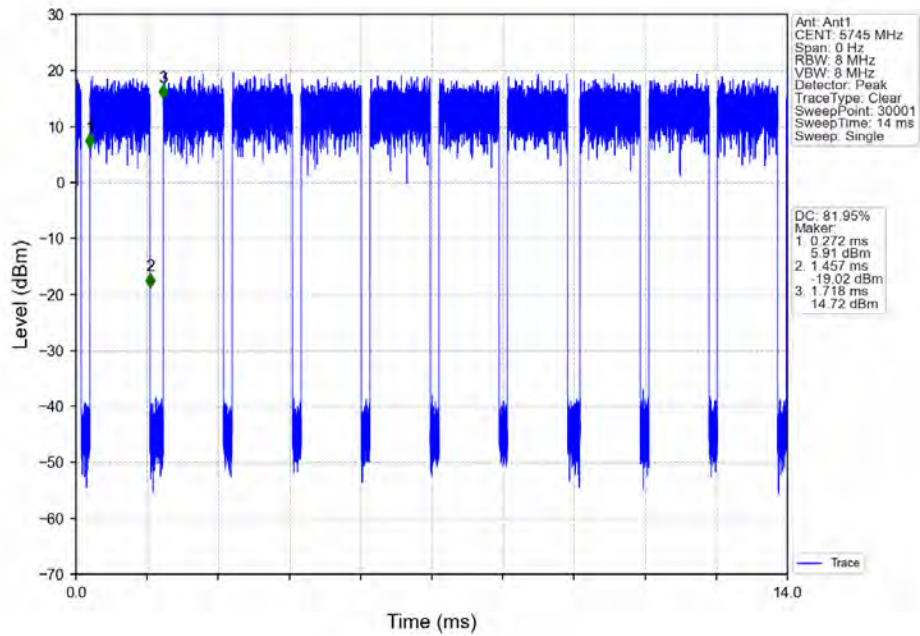
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



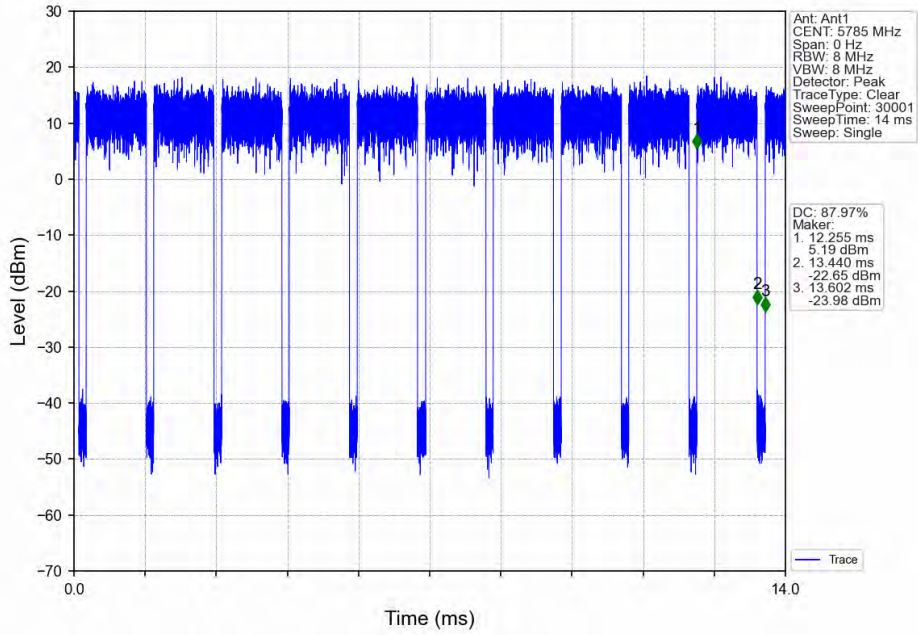
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



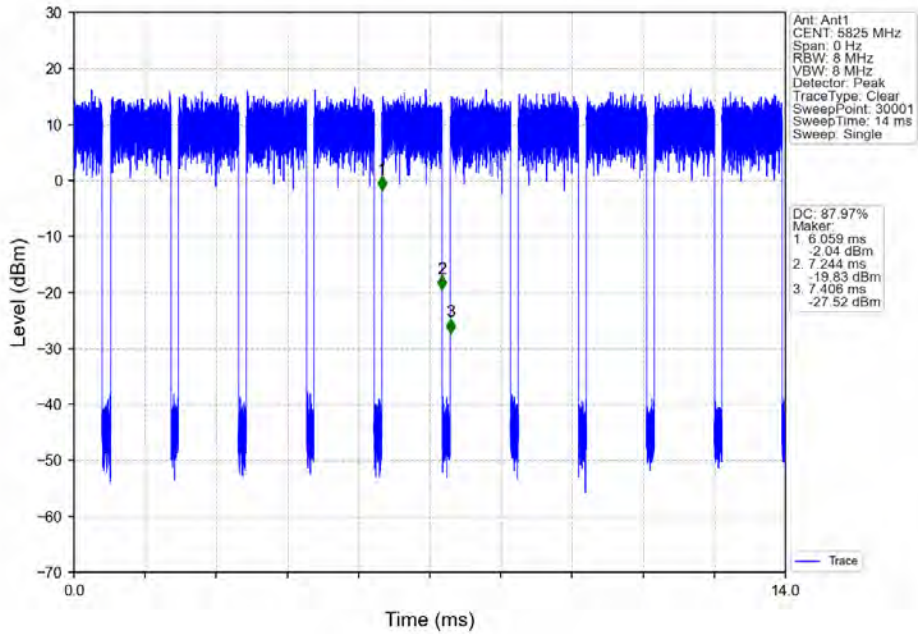
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



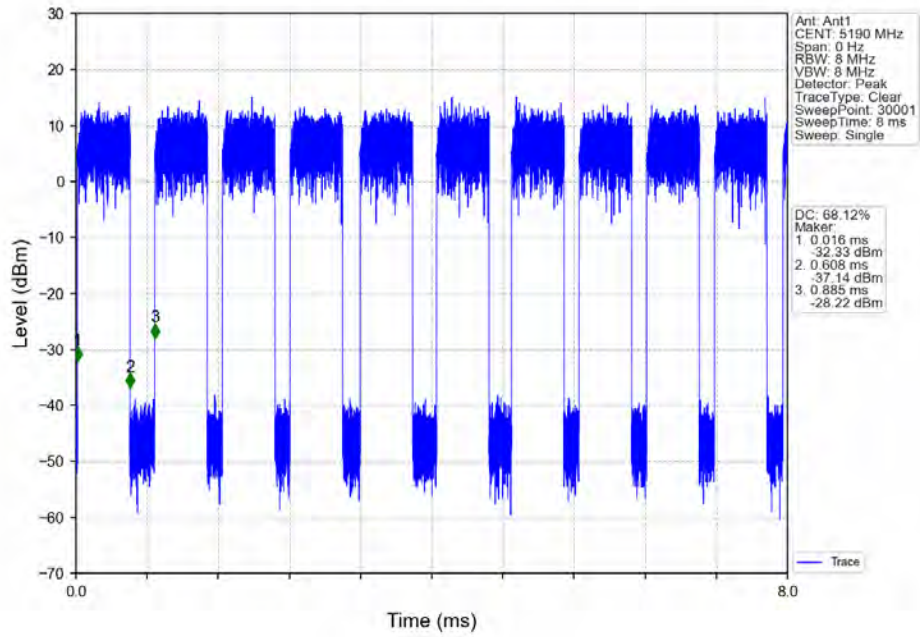
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



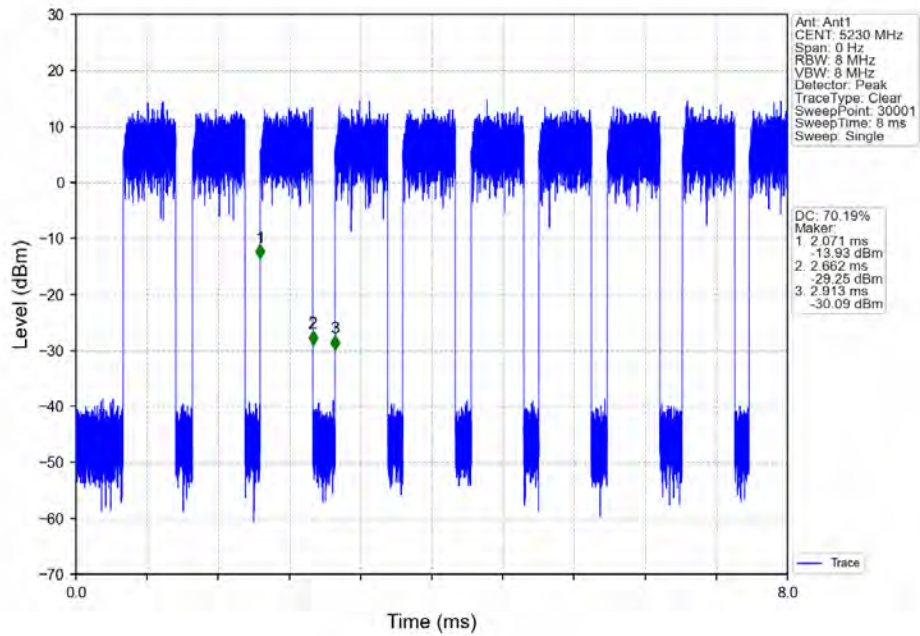
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



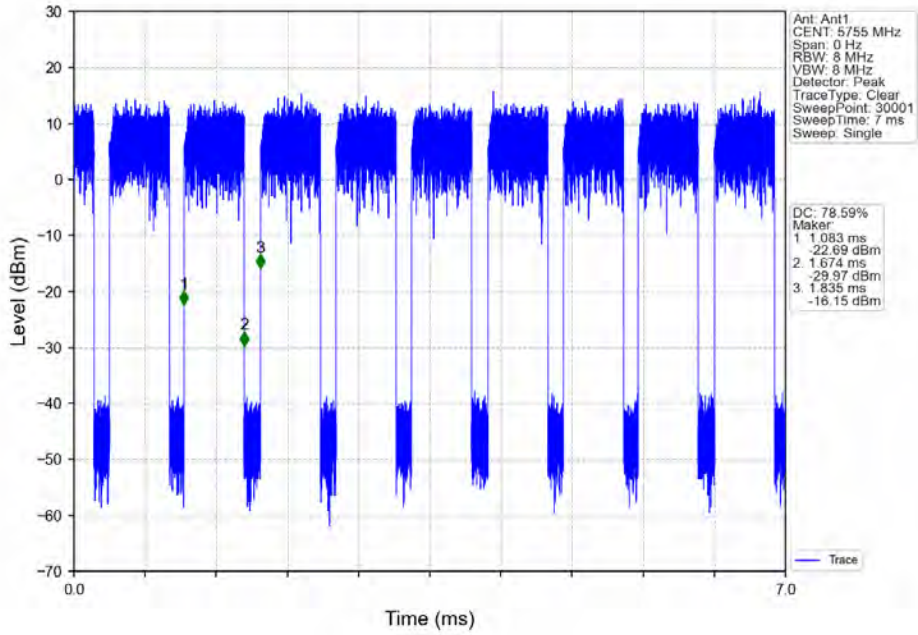
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



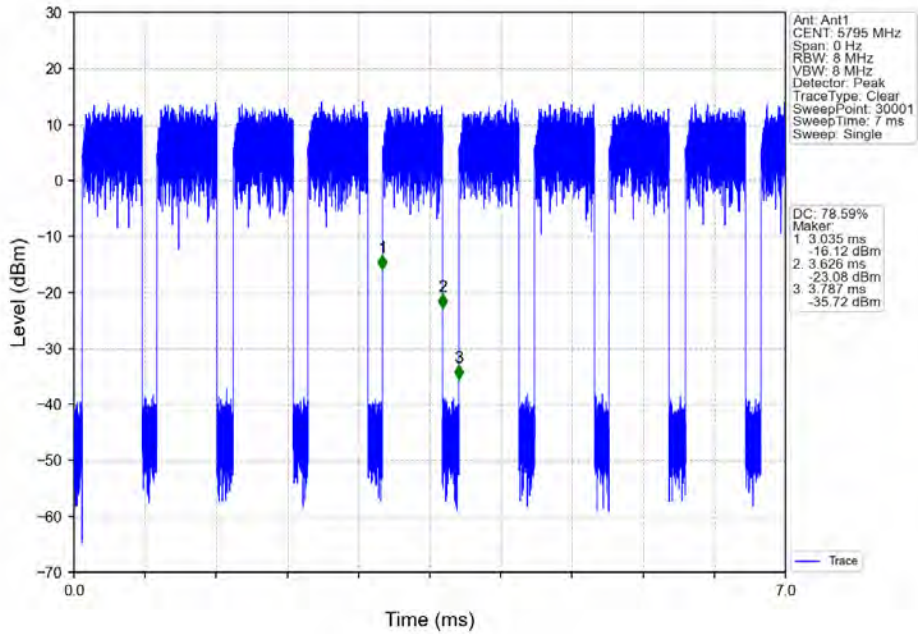
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



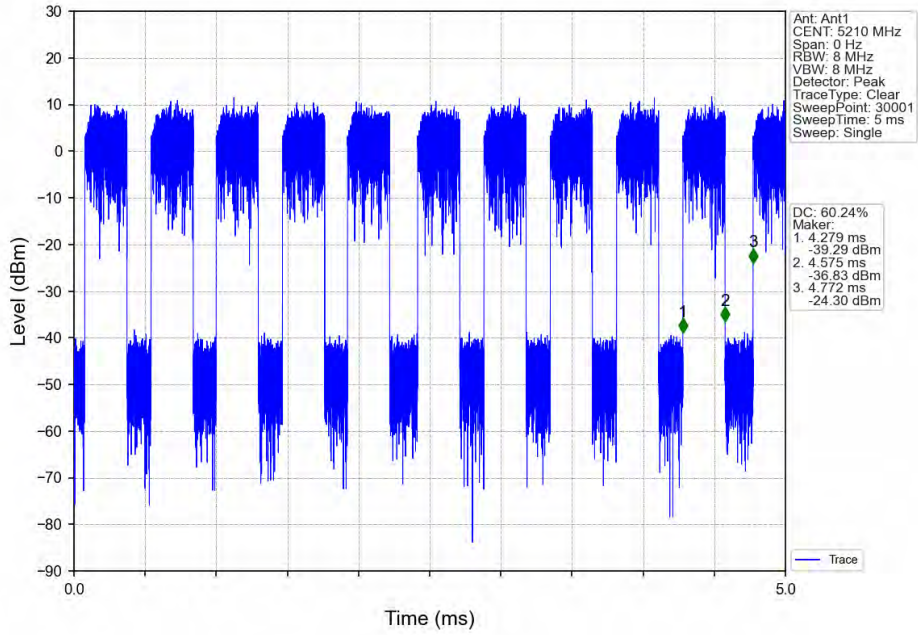
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



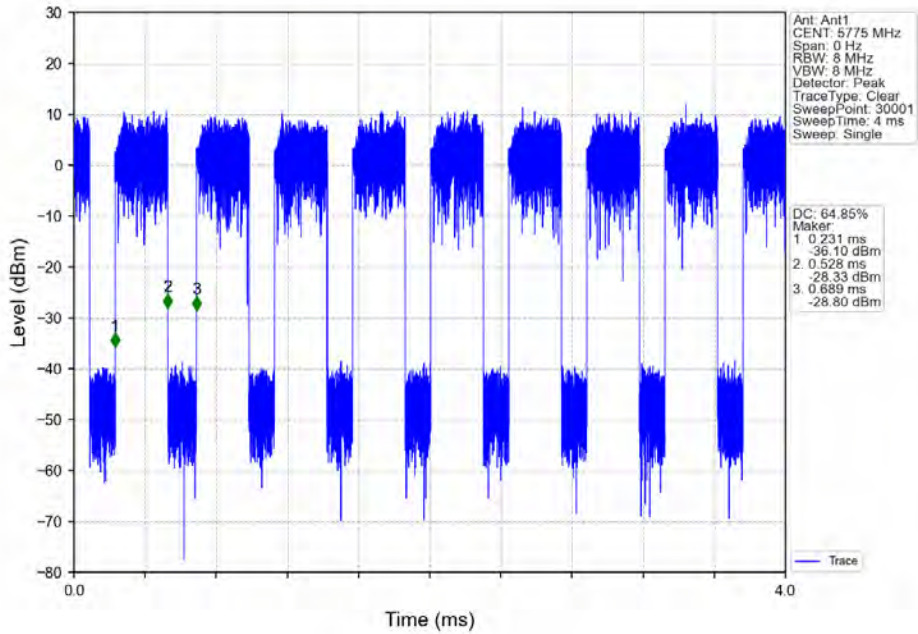
802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



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



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



## 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	17.818	/	Pass
		5200	1	18.010	/	Pass
		5240	1	17.944	/	Pass
		5745	1	18.073	/	Pass
		5785	1	18.064	/	Pass
		5825	1	17.873	/	Pass
802.11n (HT20)	SISO	5180	1	19.769	/	Pass
		5200	1	20.082	/	Pass
		5240	1	19.994	/	Pass
		5745	1	19.869	/	Pass
		5785	1	19.556	/	Pass
802.11n (HT40)	SISO	5180	1	19.705	/	Pass
		5190	1	37.770	/	Pass
		5230	1	37.608	/	Pass
		5755	1	37.821	/	Pass
		5795	1	38.045	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.327	/	Pass
		5200	1	18.395	/	Pass
		5240	1	18.336	/	Pass
		5745	1	18.367	/	Pass
		5785	1	18.309	/	Pass
		5825	1	18.406	/	Pass
802.11ac (VHT40)	SISO	5190	1	37.543	/	Pass
		5230	1	37.794	/	Pass
		5755	1	37.458	/	Pass
		5795	1	37.785	/	Pass
802.11ac (VHT80)	SISO	5210	1	76.271	/	Pass
		5775	1	76.256	/	Pass

#### 2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.401	>=0.5	Pass
		5785	1	16.416	>=0.5	Pass
		5825	1	16.368	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	17.431	>=0.5	Pass
		5785	1	17.423	>=0.5	Pass
		5825	1	17.280	>=0.5	Pass
802.11n (HT40)	SISO	5755	1	36.280	>=0.5	Pass
		5795	1	35.868	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.442	>=0.5	Pass
		5785	1	17.420	>=0.5	Pass
		5825	1	17.425	>=0.5	Pass
802.11ac	SISO	5755	1	36.203	>=0.5	Pass





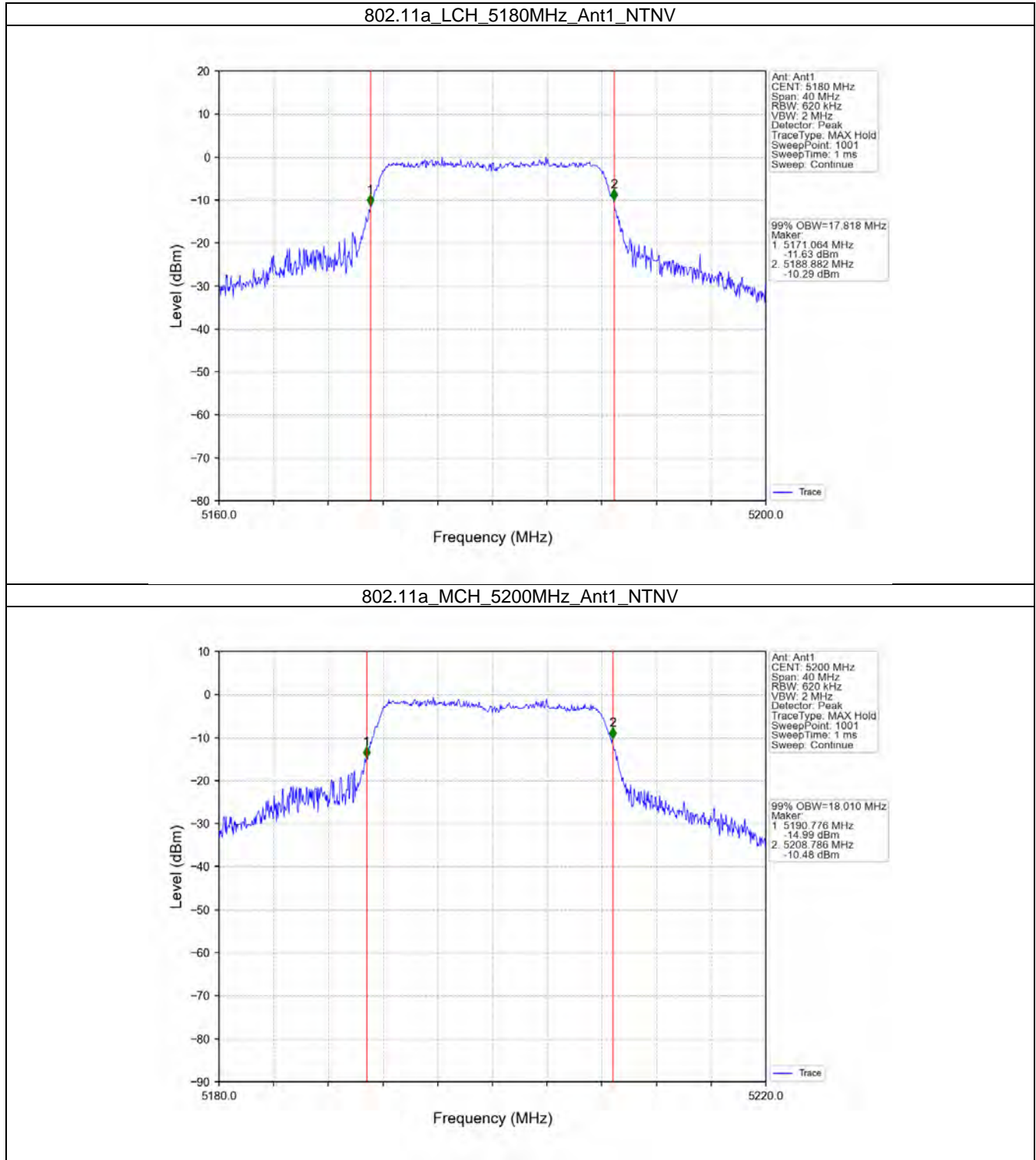
(VHT40)		5795	1	36.117	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.952	>=0.5	Pass

**2.1.3 26dB BW**

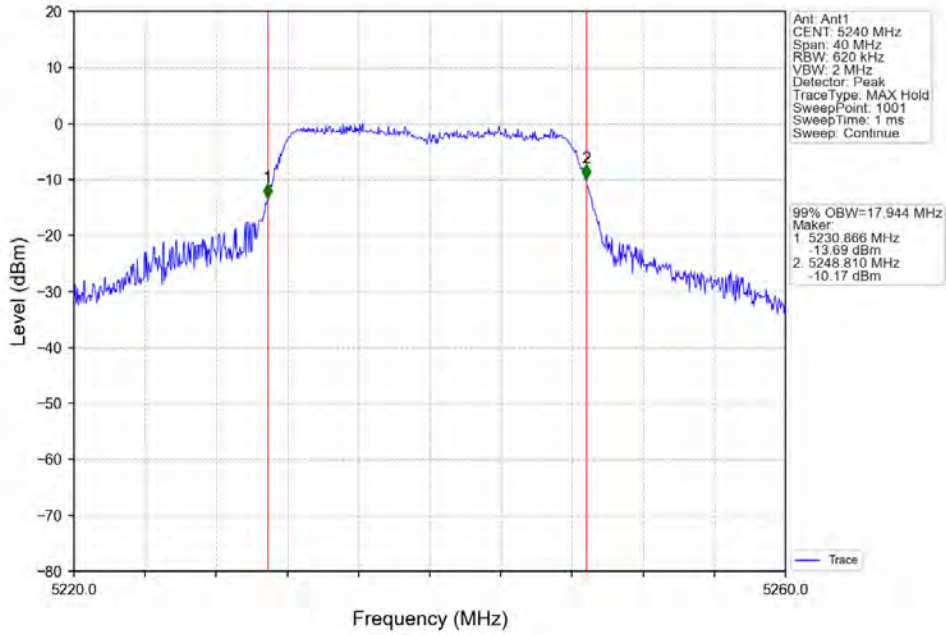
Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	27.751	/	Pass
		5200	1	25.333	/	Pass
		5240	1	23.702	/	Pass
802.11n (HT20)	SISO	5180	1	29.744	/	Pass
		5200	1	28.821	/	Pass
		5240	1	27.557	/	Pass
802.11n (HT40)	SISO	5190	1	57.177	/	Pass
		5230	1	57.239	/	Pass
802.11ac (VHT20)	SISO	5180	1	27.943	/	Pass
		5200	1	26.317	/	Pass
		5240	1	29.369	/	Pass
802.11ac (VHT40)	SISO	5190	1	54.679	/	Pass
		5230	1	62.107	/	Pass
802.11ac (VHT80)	SISO	5210	1	82.114	/	Pass

## 2.2 Test Graph

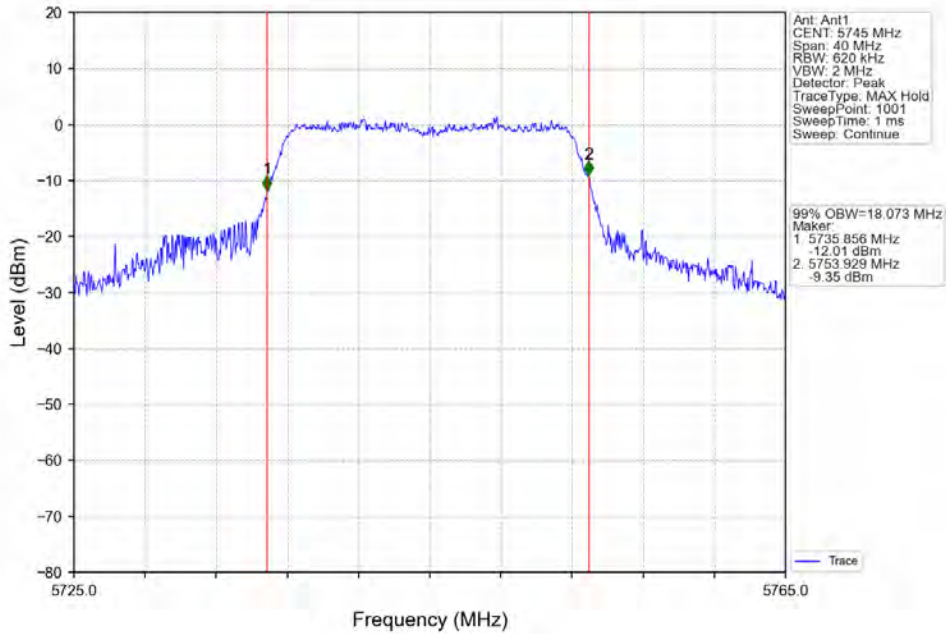
### 2.2.1 OBW



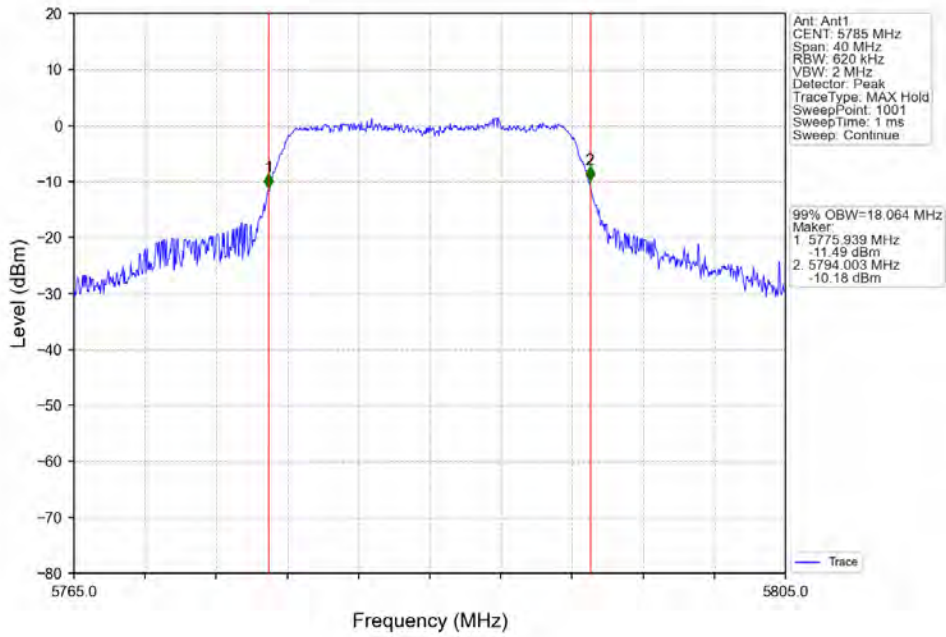
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



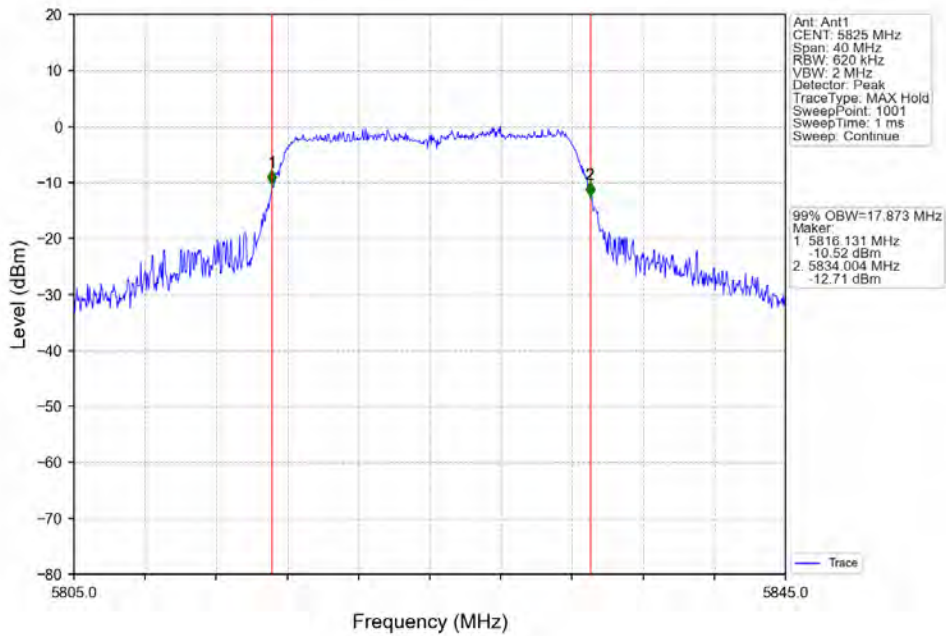
802.11a\_LCH\_5745MHz\_Ant1\_NTNV



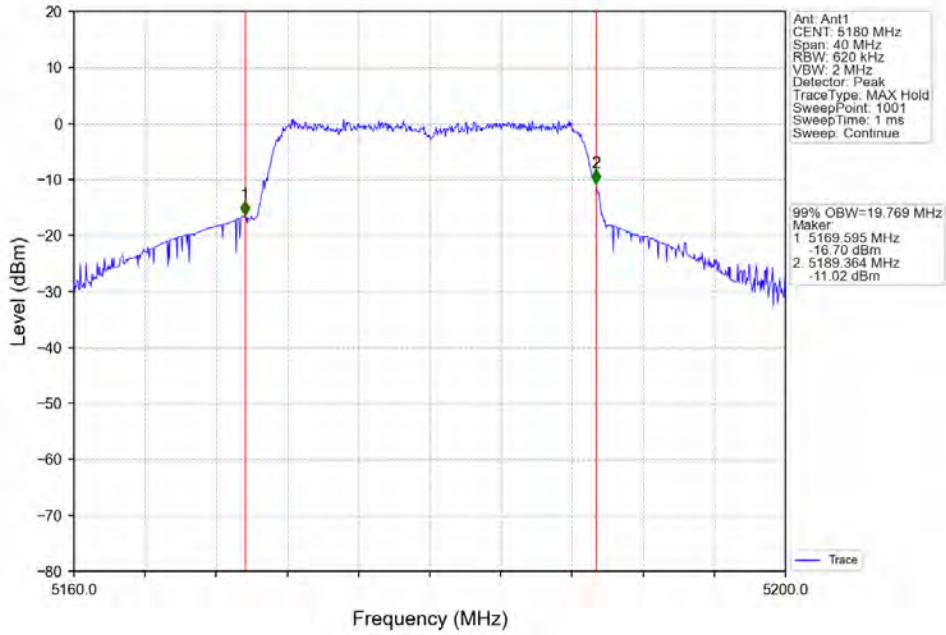
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



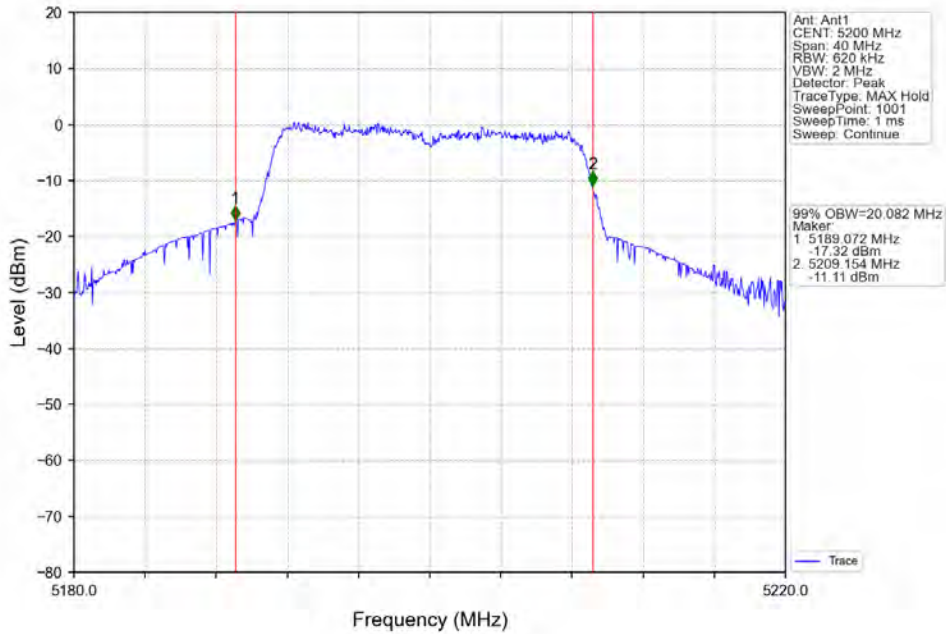
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



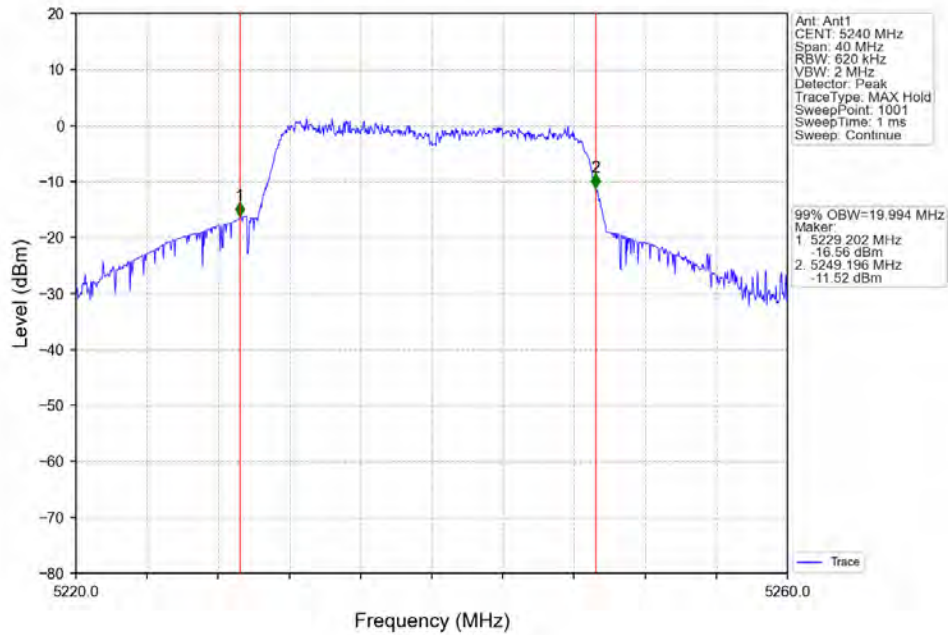
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



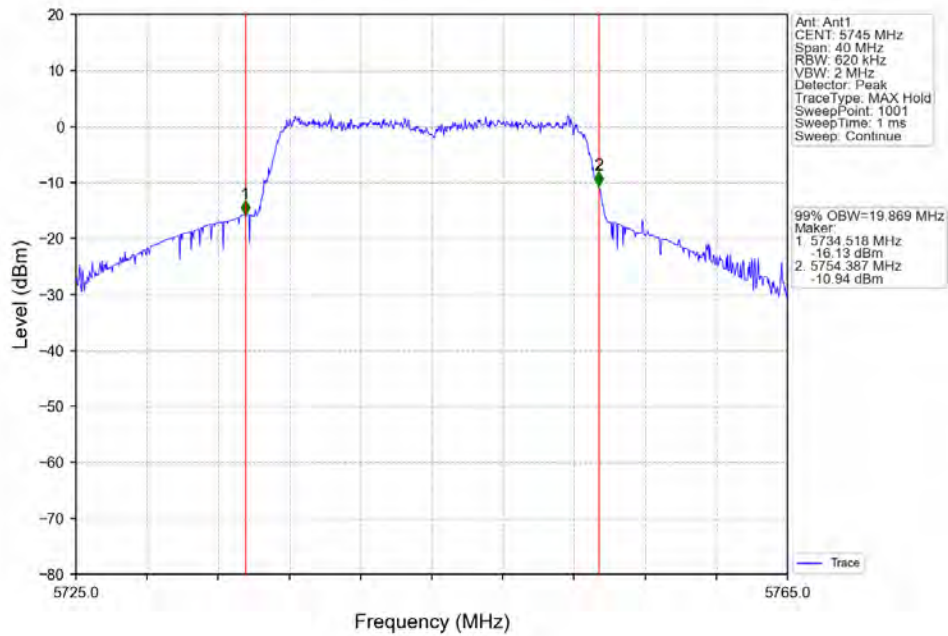
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



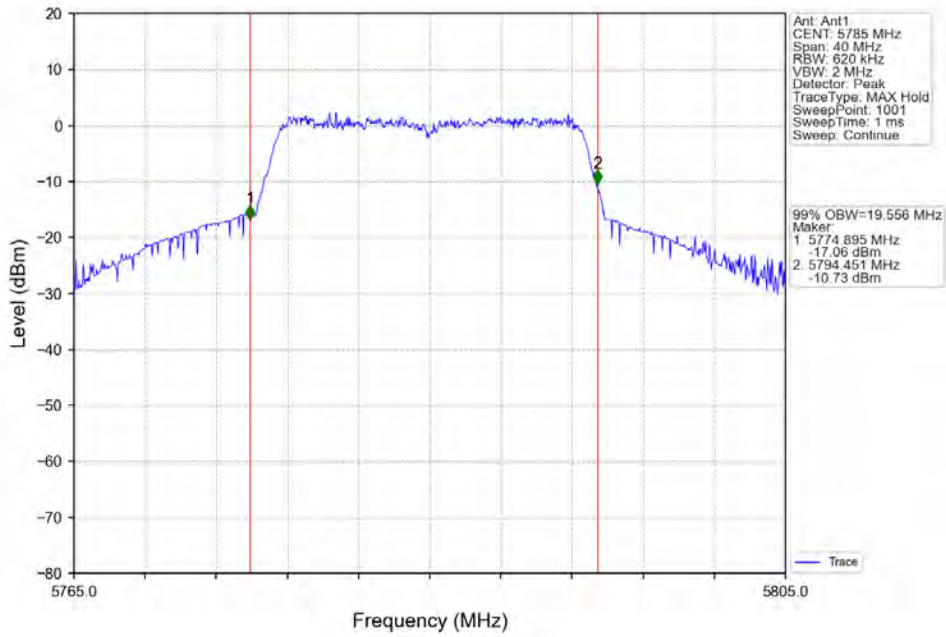
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



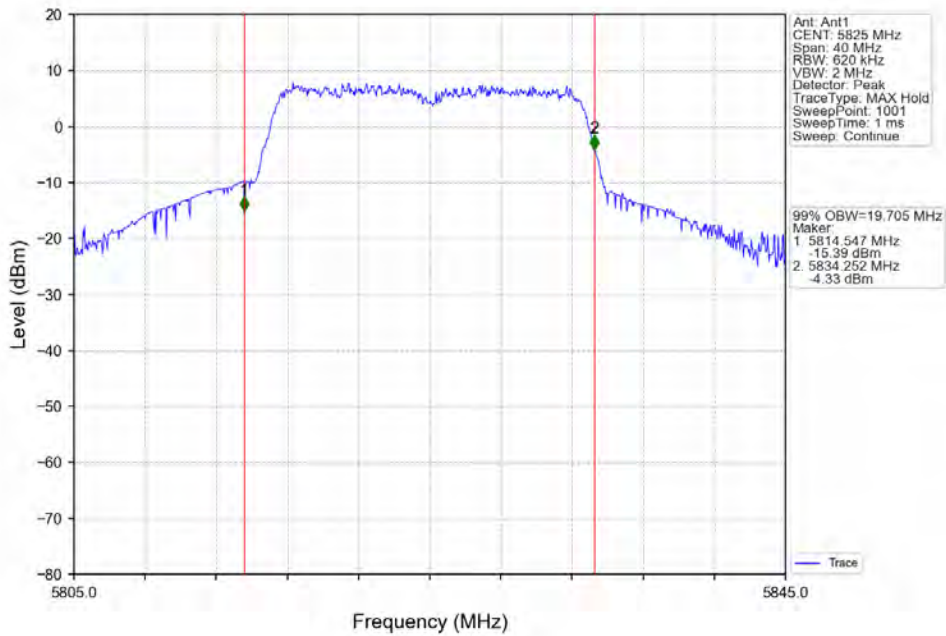
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



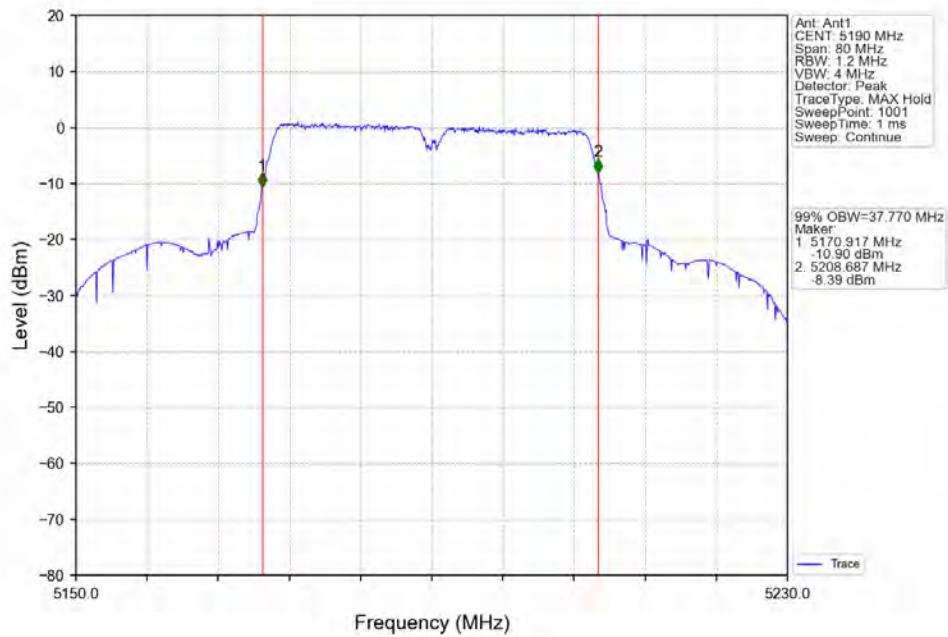
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



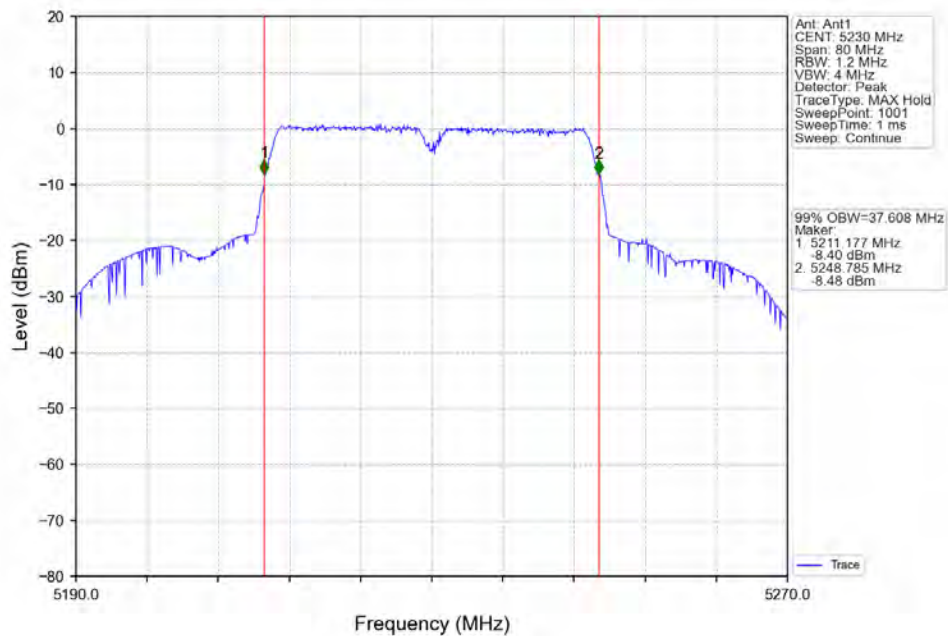
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



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

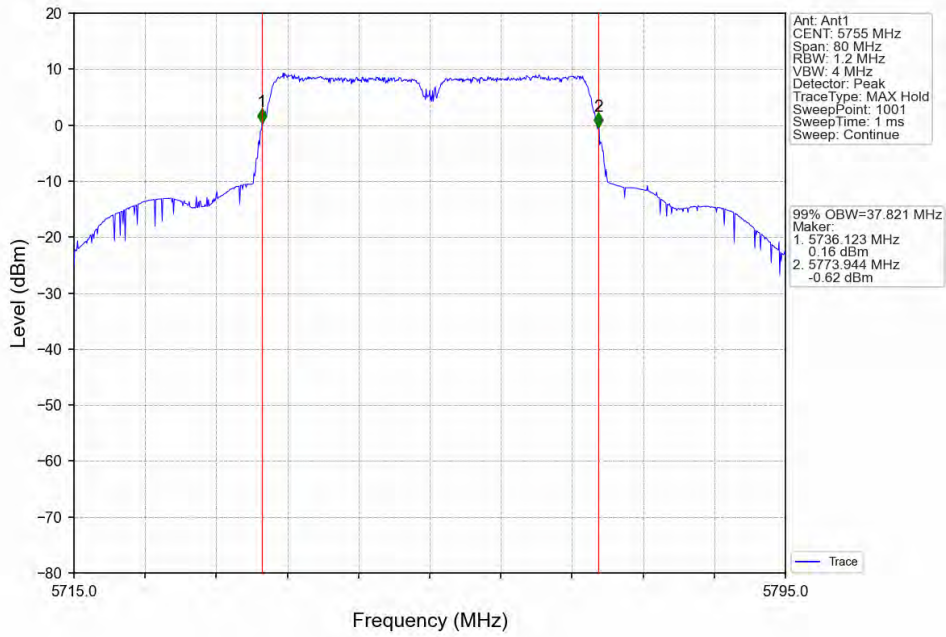


802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV

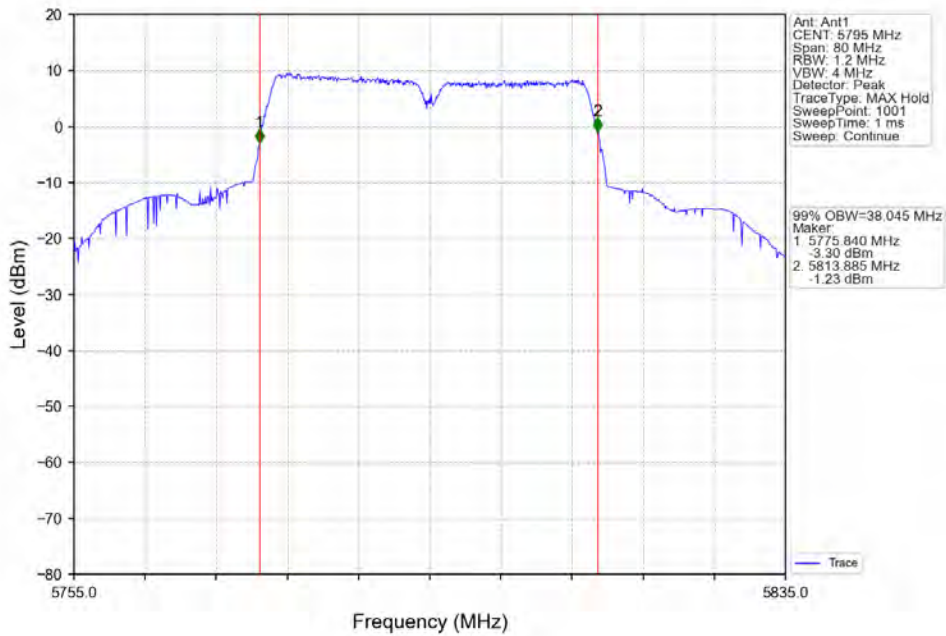




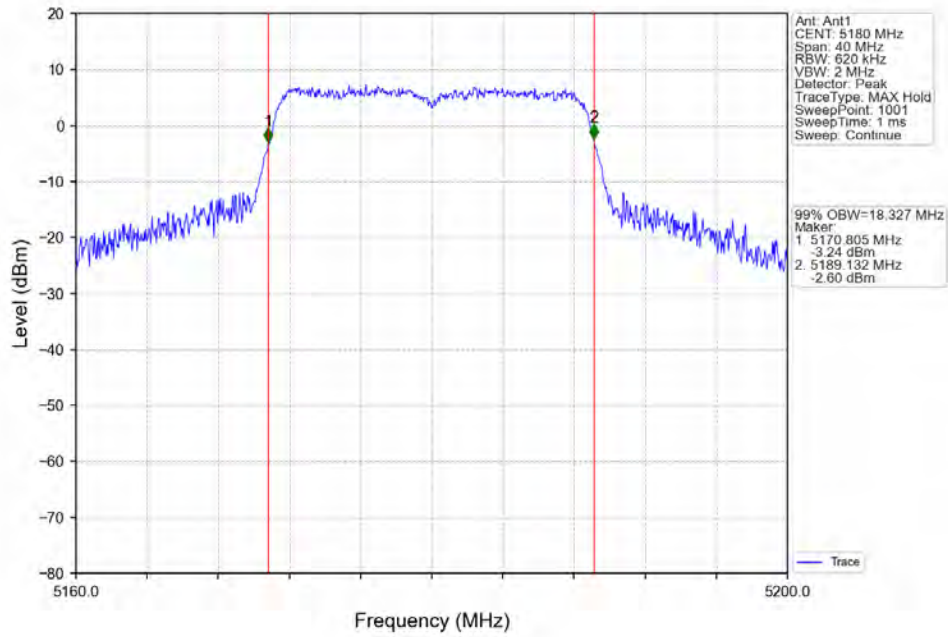
802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



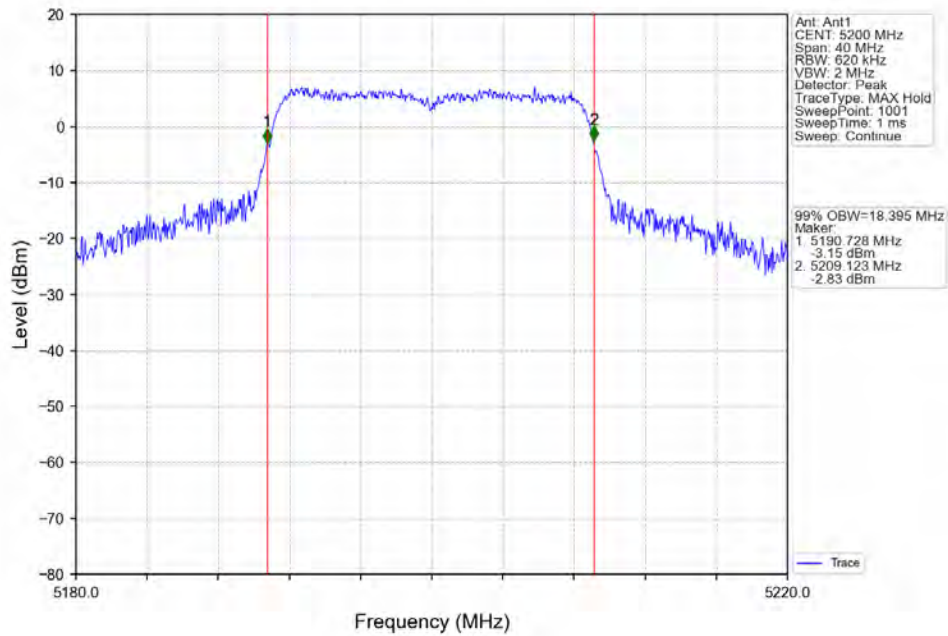
802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



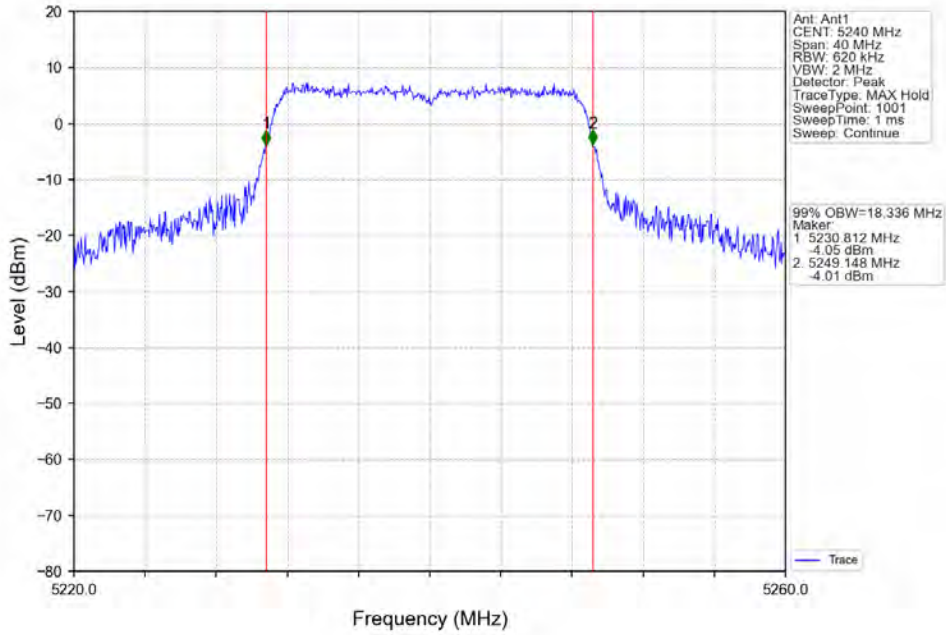
802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



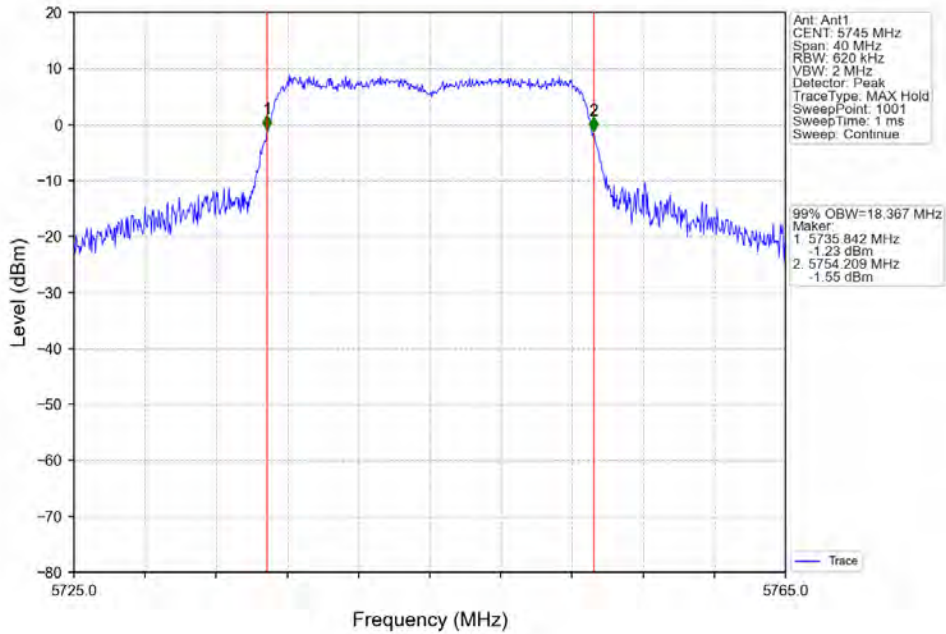
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



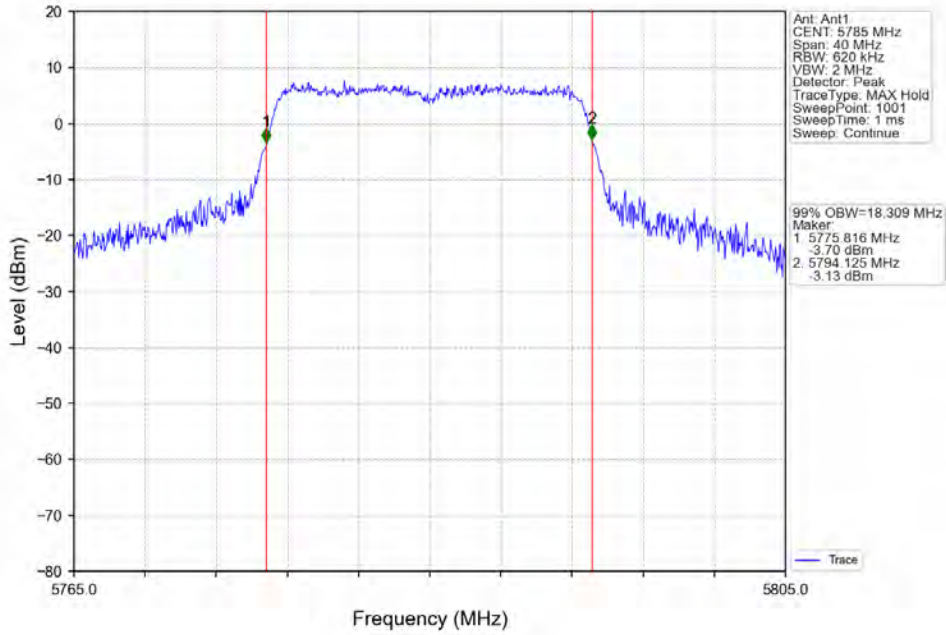
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



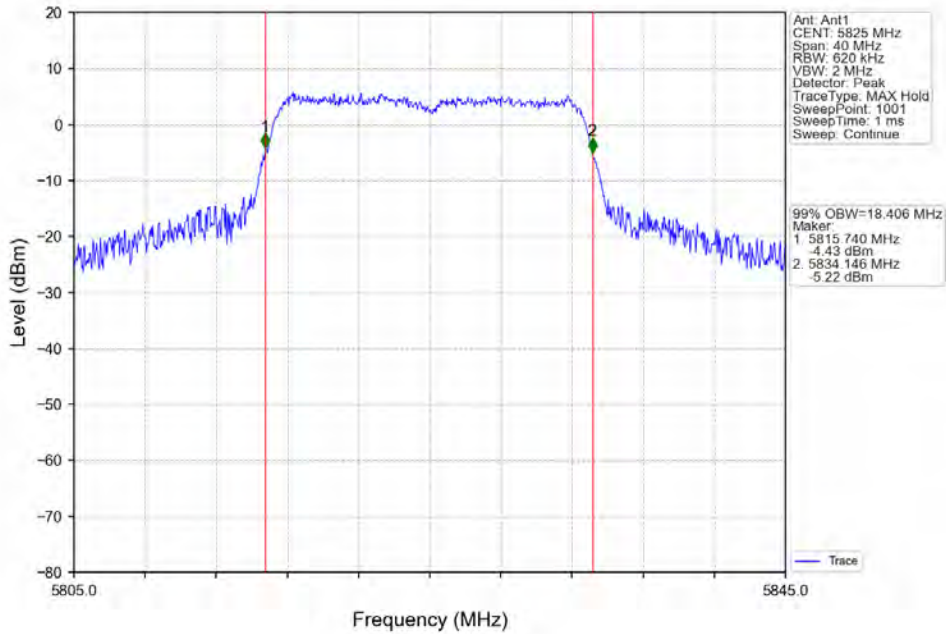
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



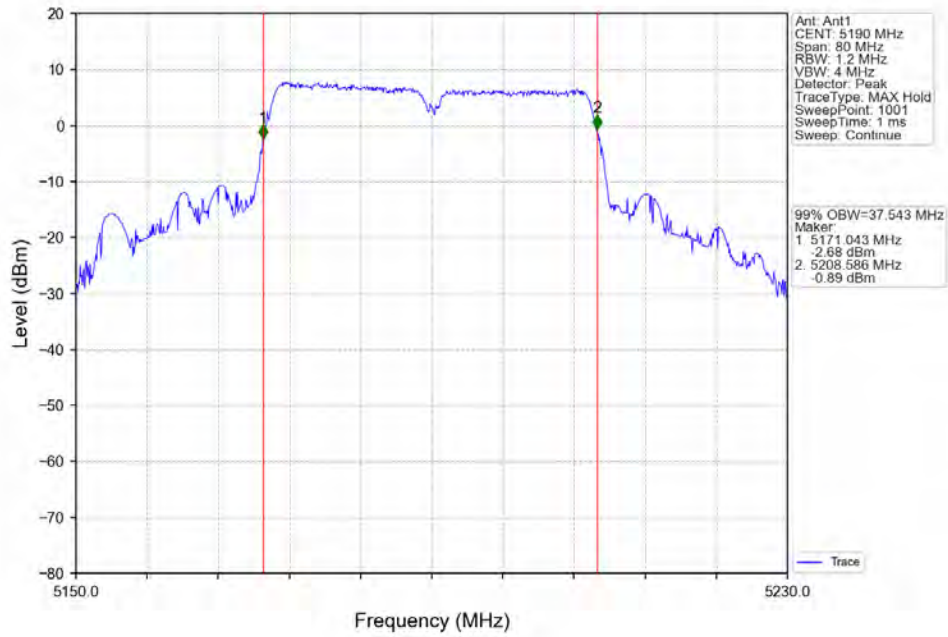
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



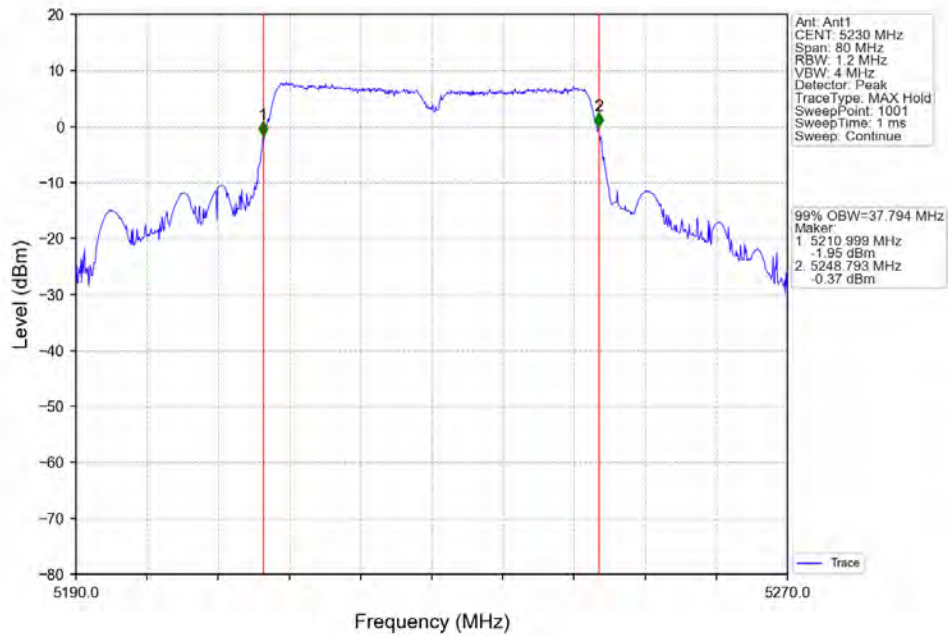
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



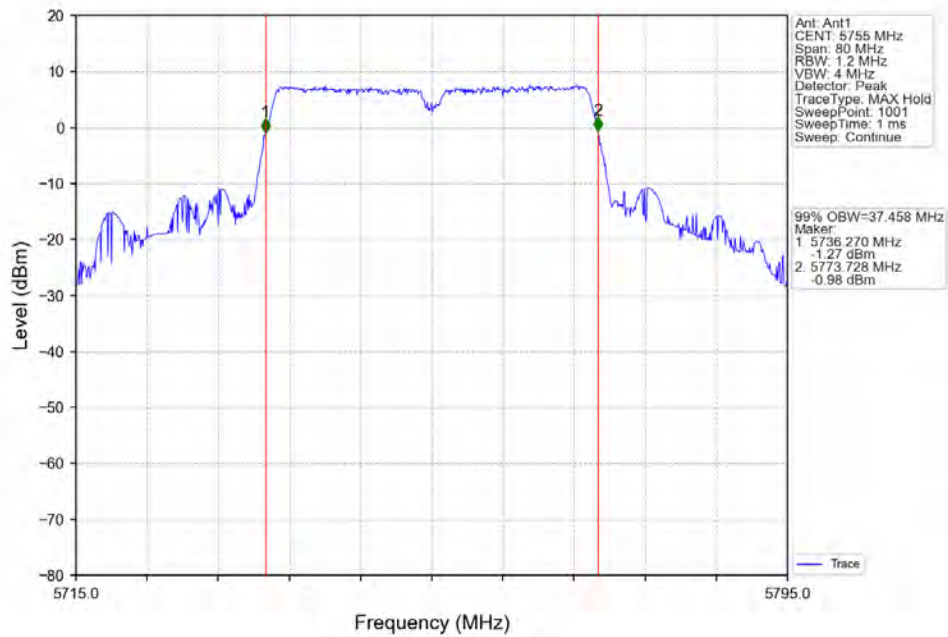
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



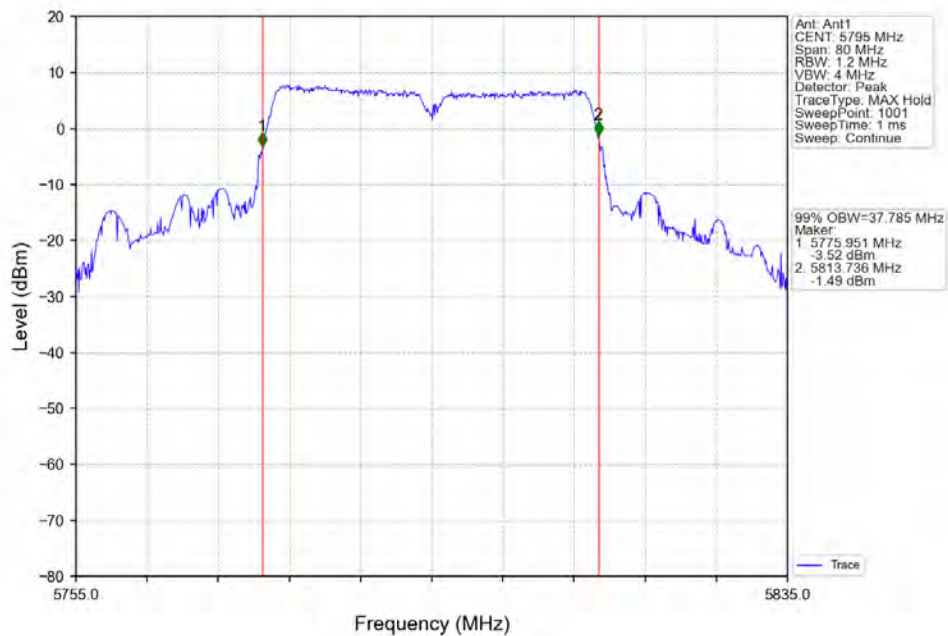
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



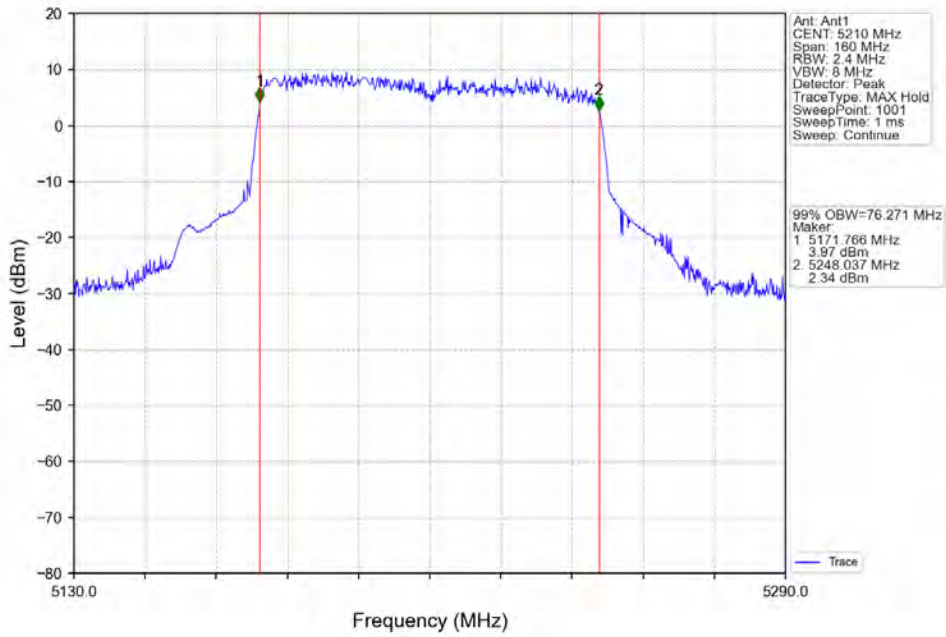
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



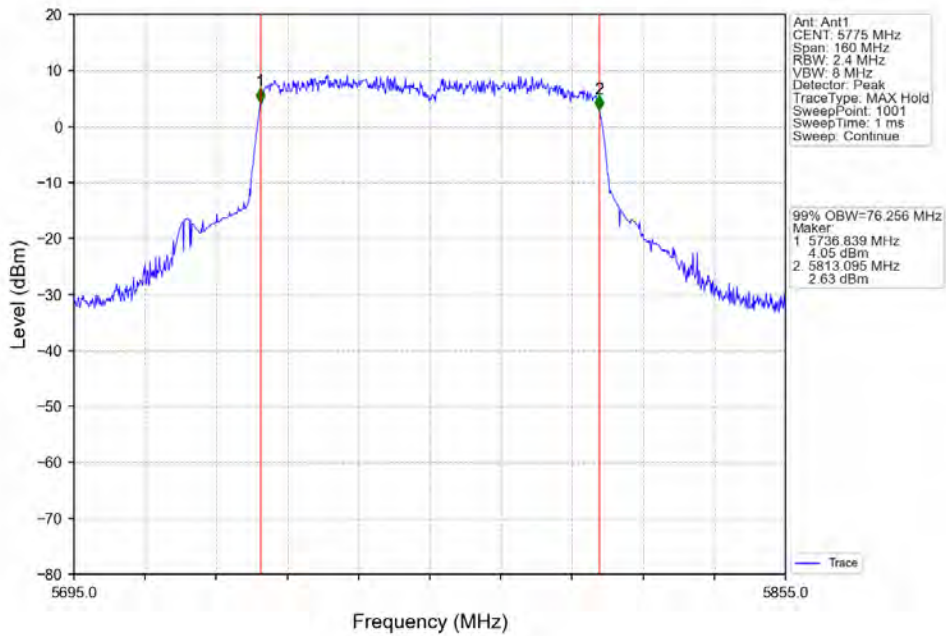
802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



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

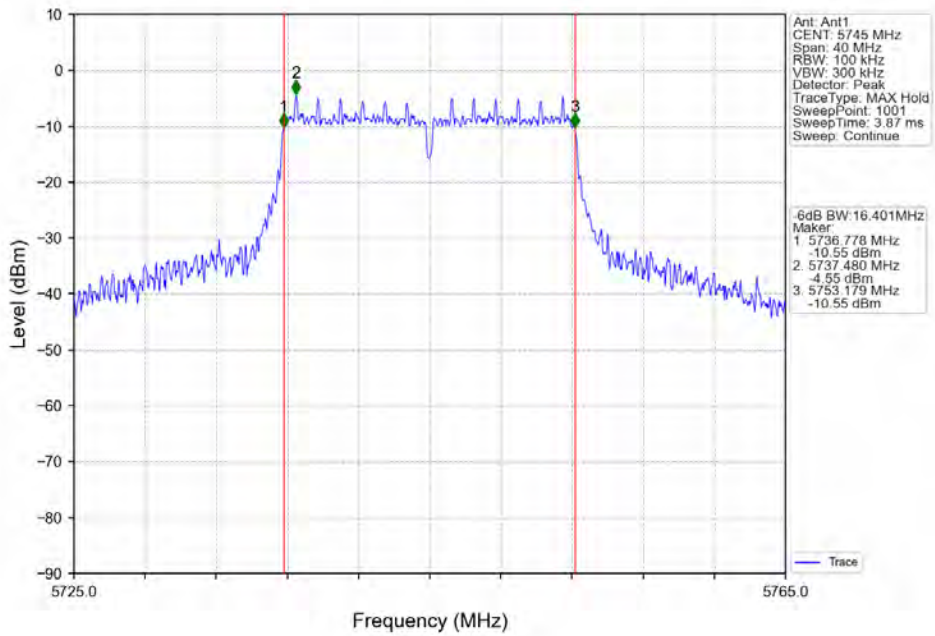


802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV

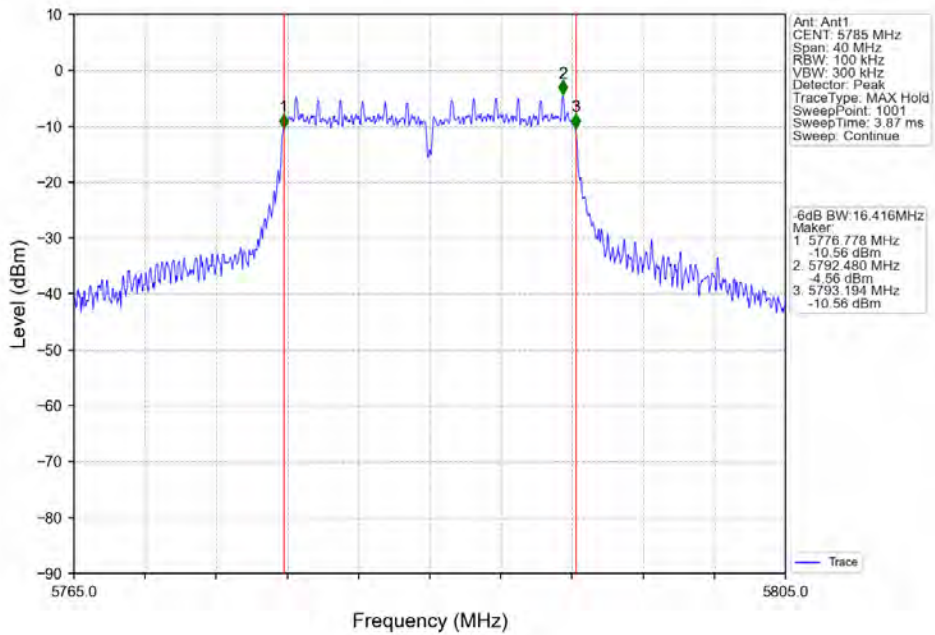


2.2.2 6dB BW

802.11a\_LCH\_5745MHz\_Ant1\_NTNV

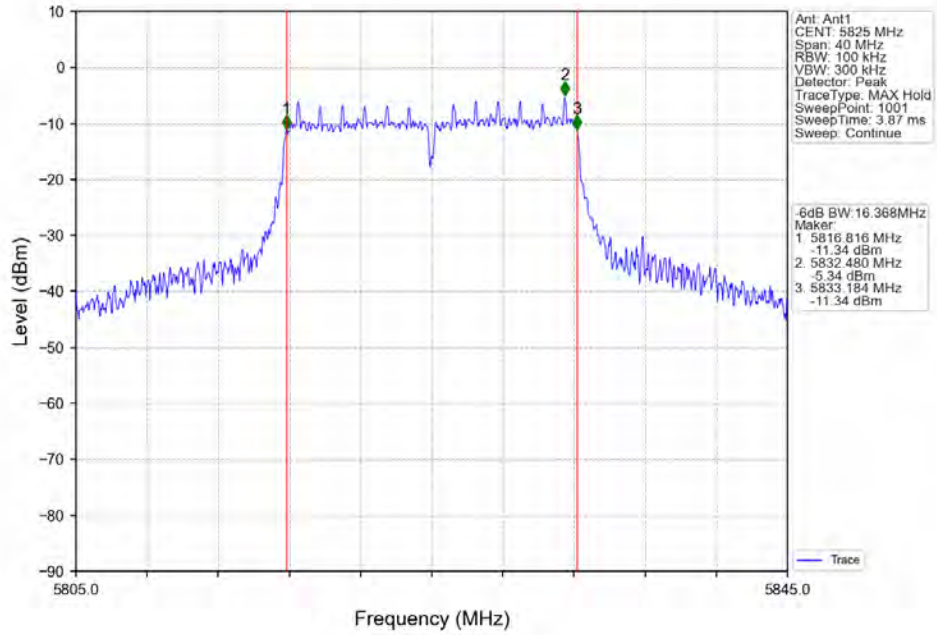


802.11a\_MCH\_5785MHz\_Ant1\_NTNV

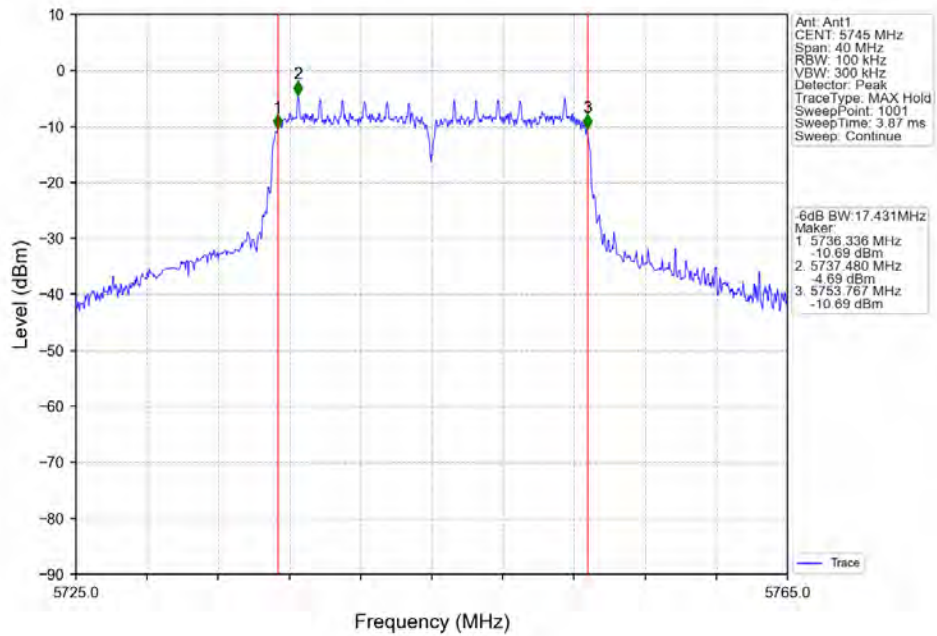




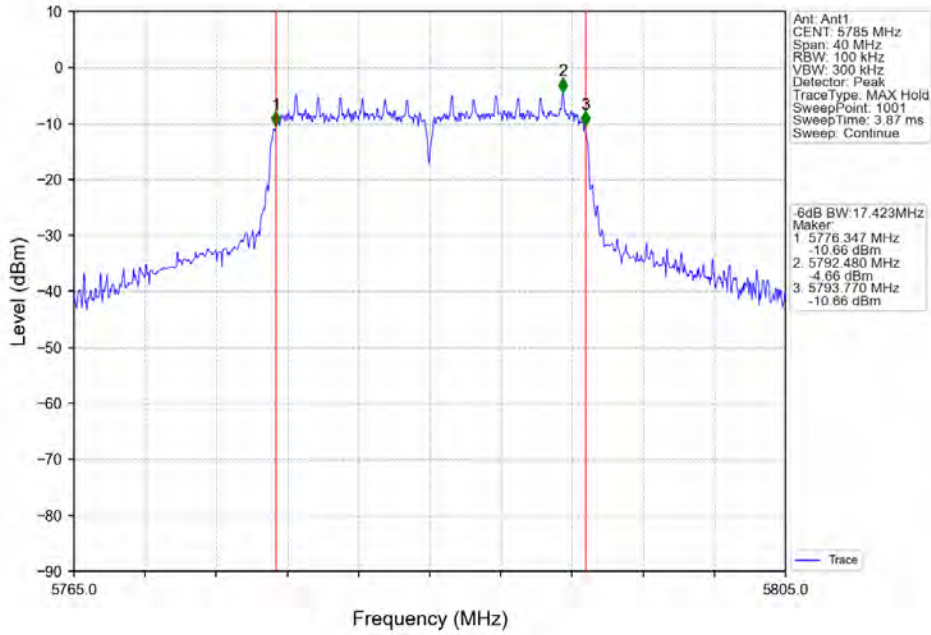
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



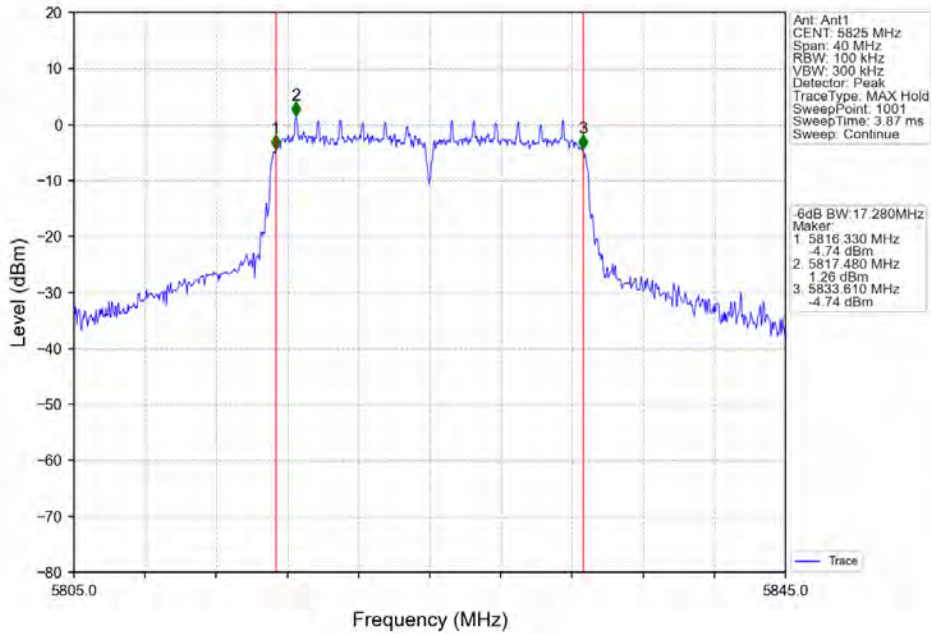
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



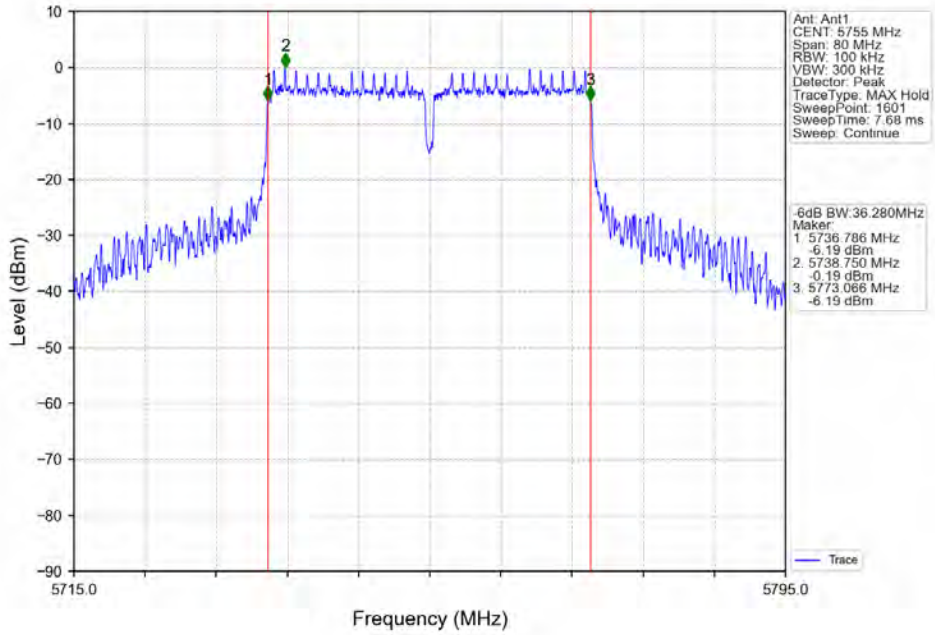
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



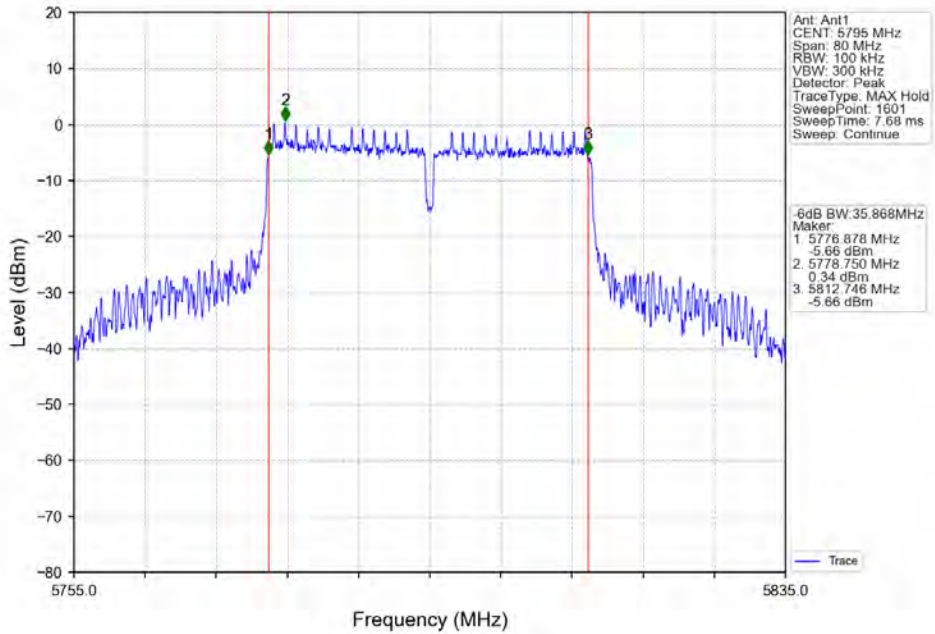
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



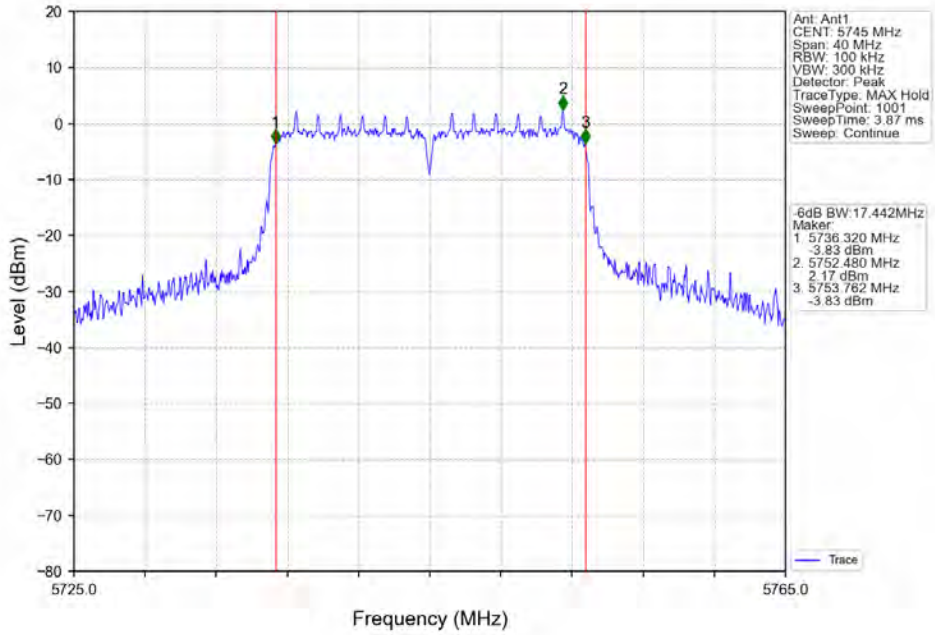
802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



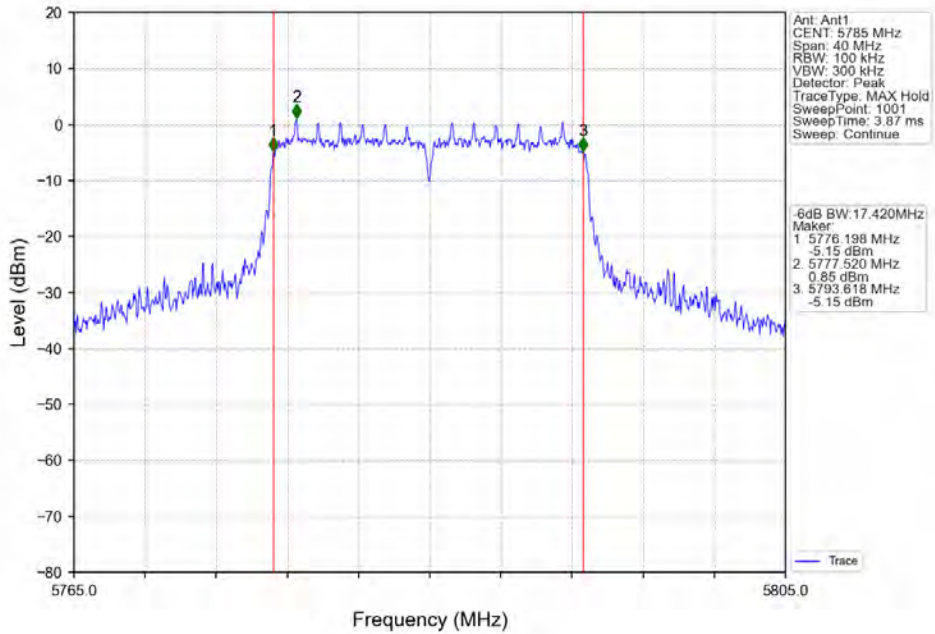
802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



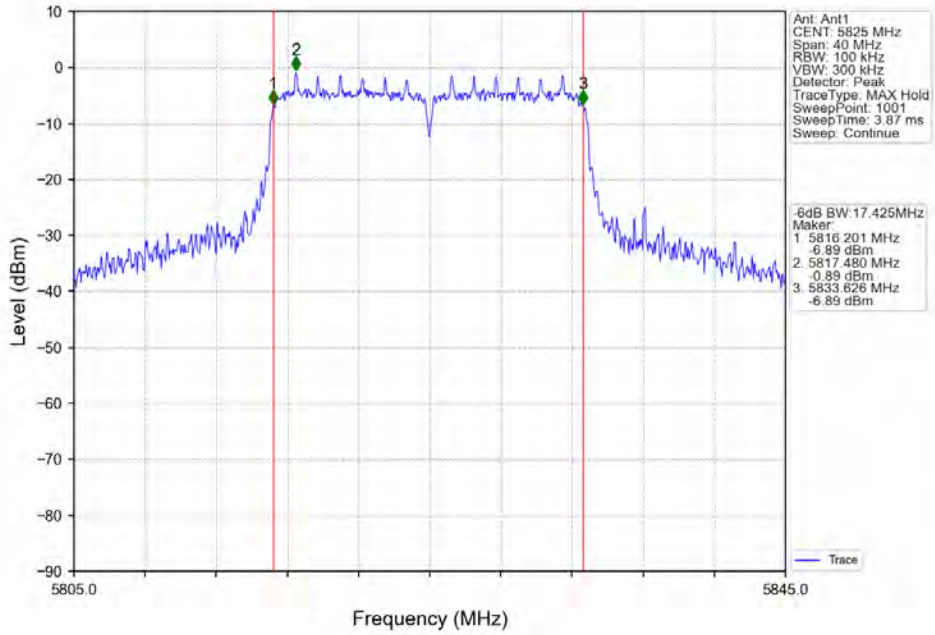
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



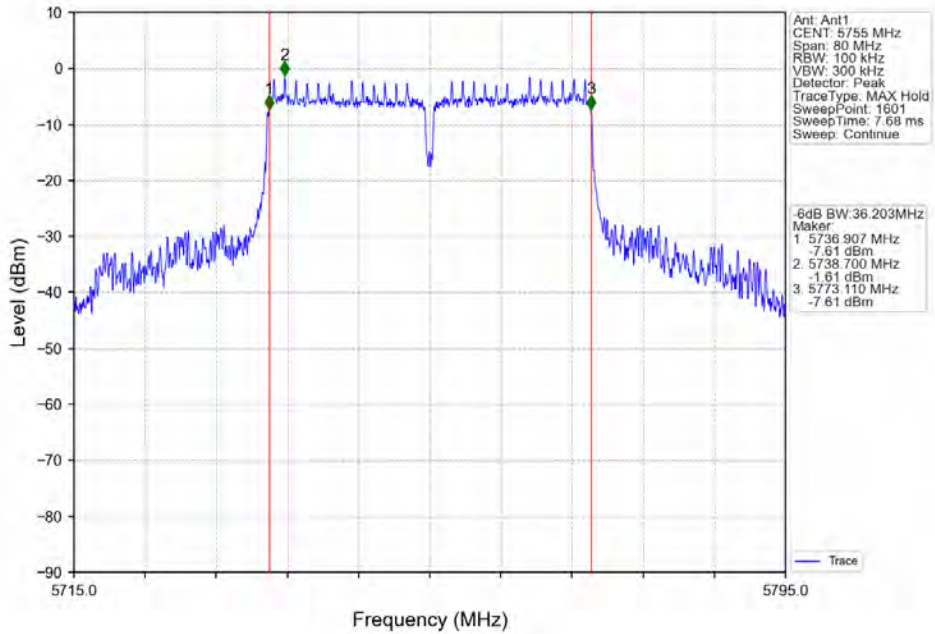
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



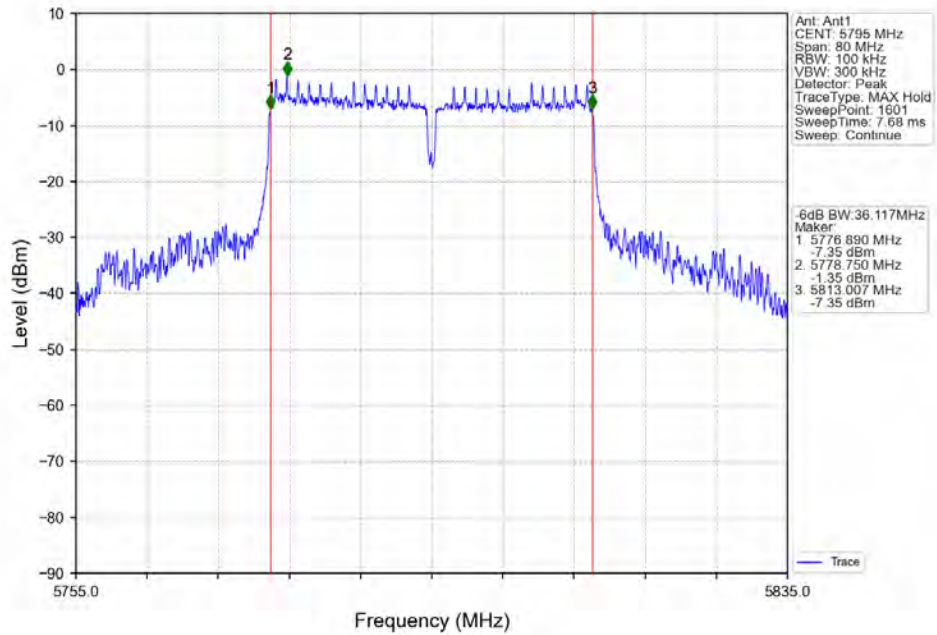
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



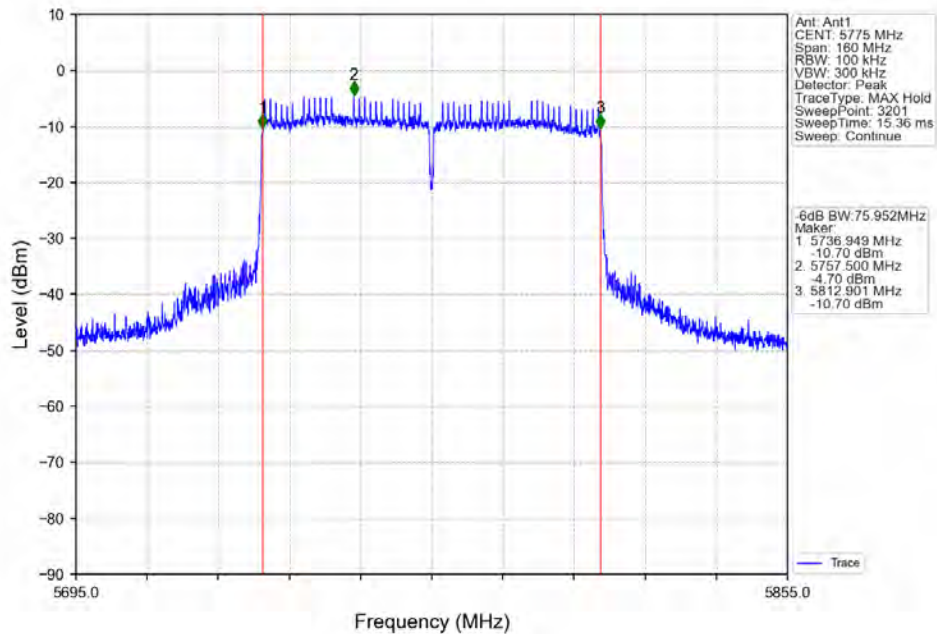
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



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

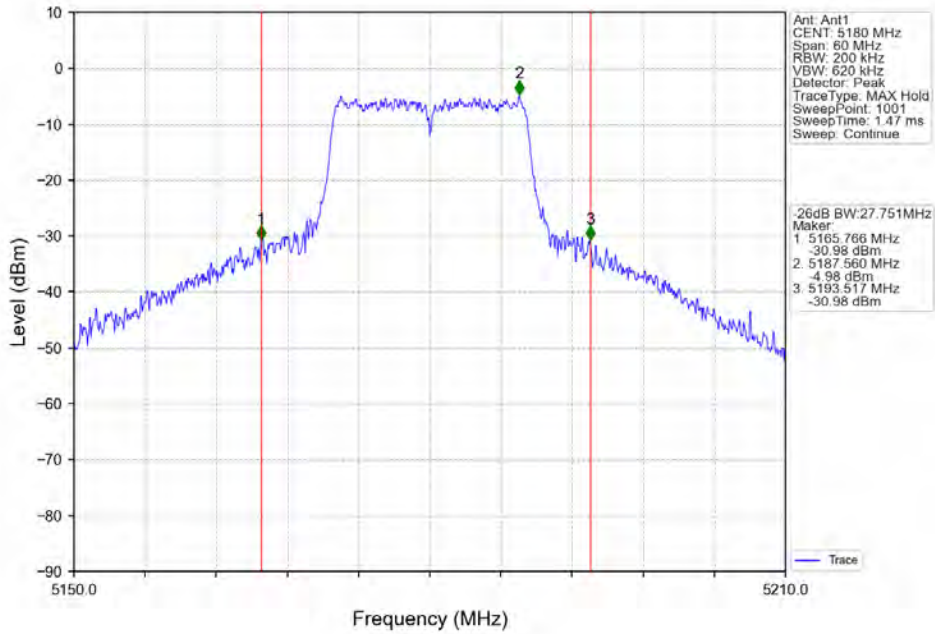


802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV

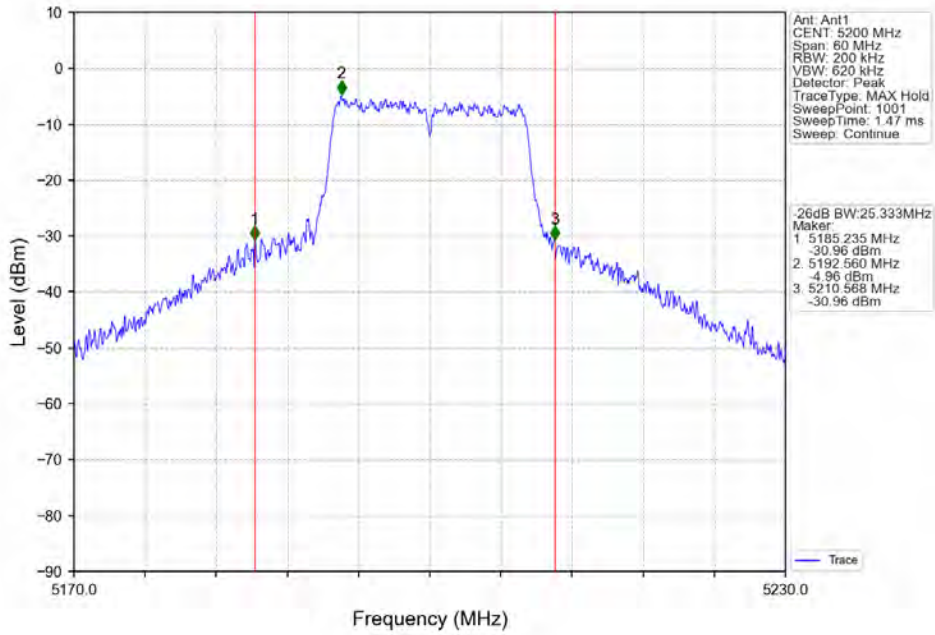


2.2.3 26dB BW

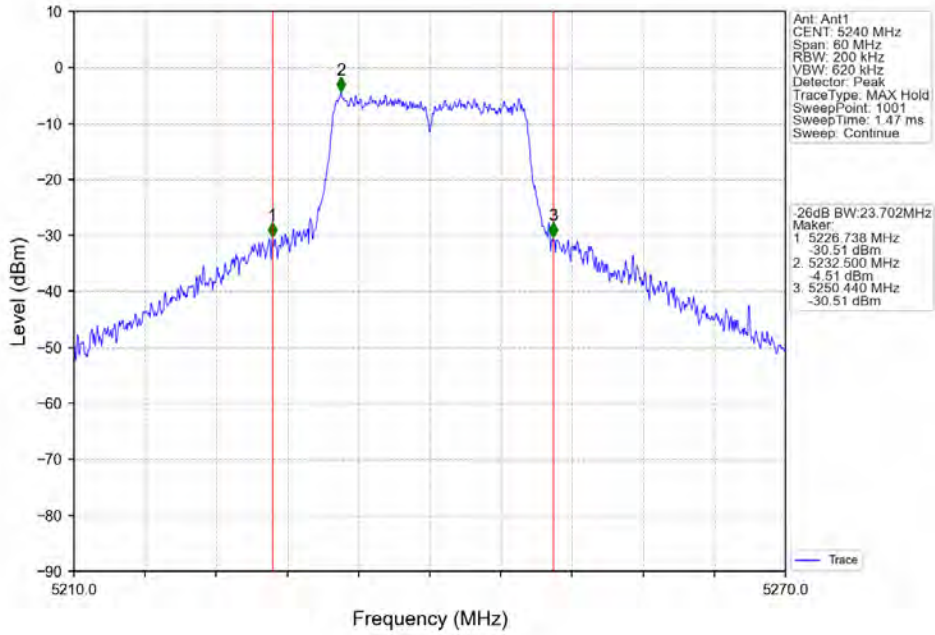
802.11a\_LCH\_5180MHz\_Ant1\_NTNV



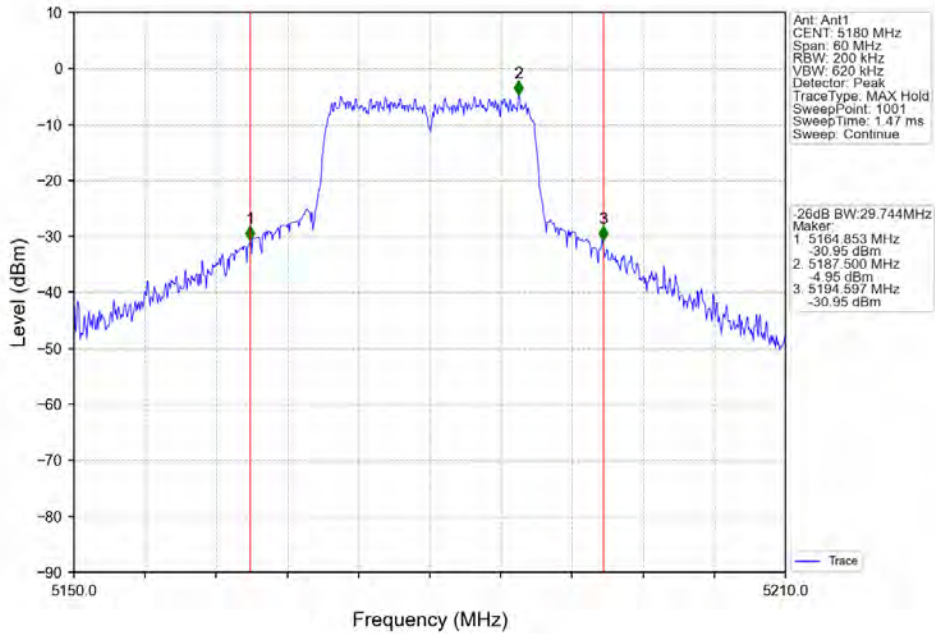
802.11a\_MCH\_5200MHz\_Ant1\_NTNV



802.11a\_HCH\_5240MHz\_Ant1\_NTNV

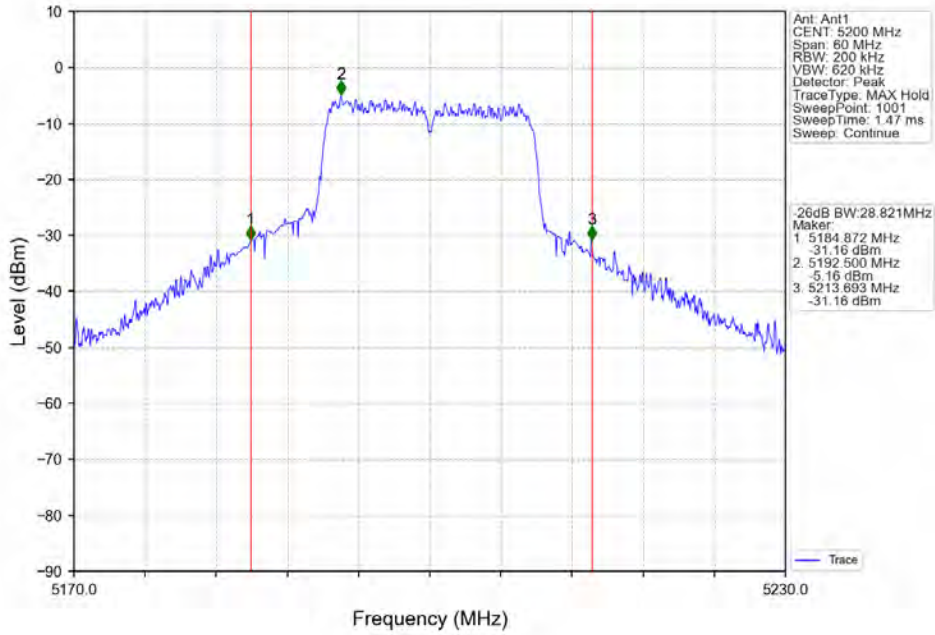


802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV

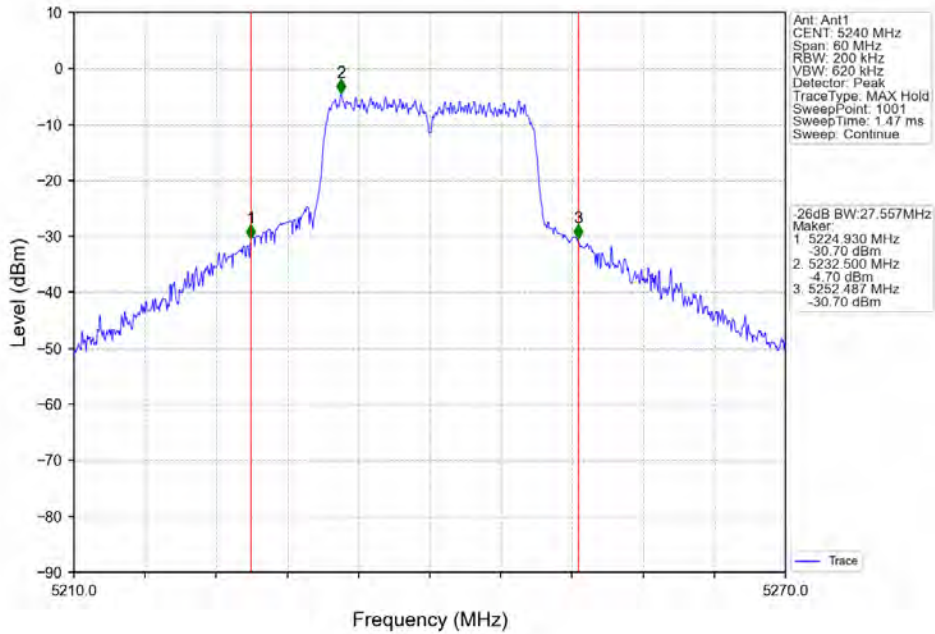




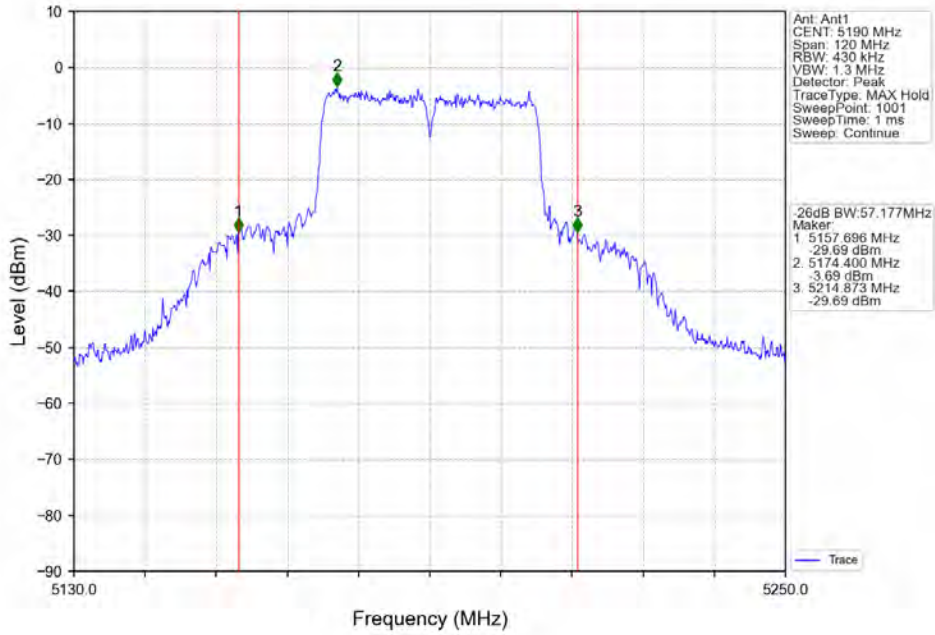
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



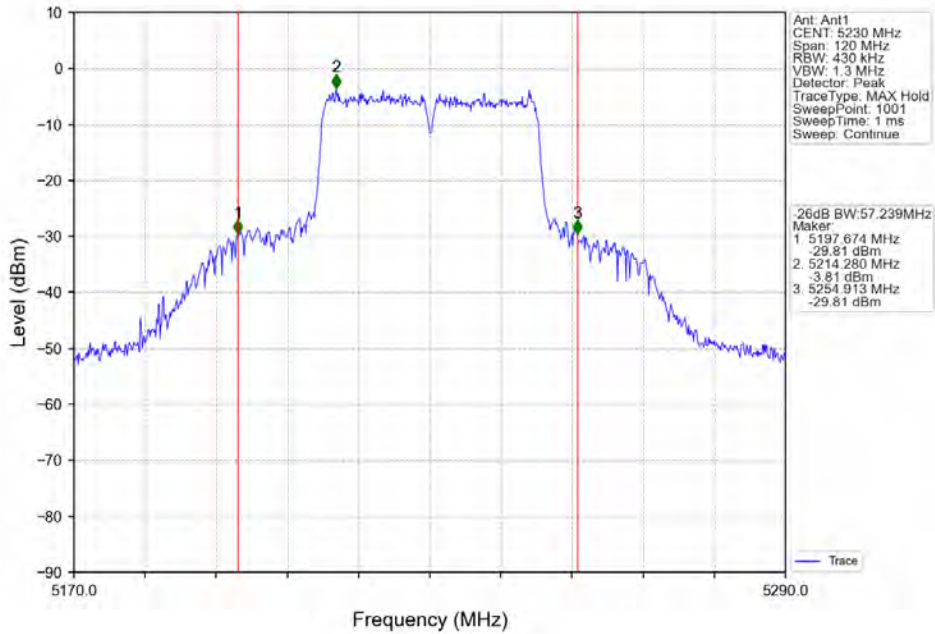
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



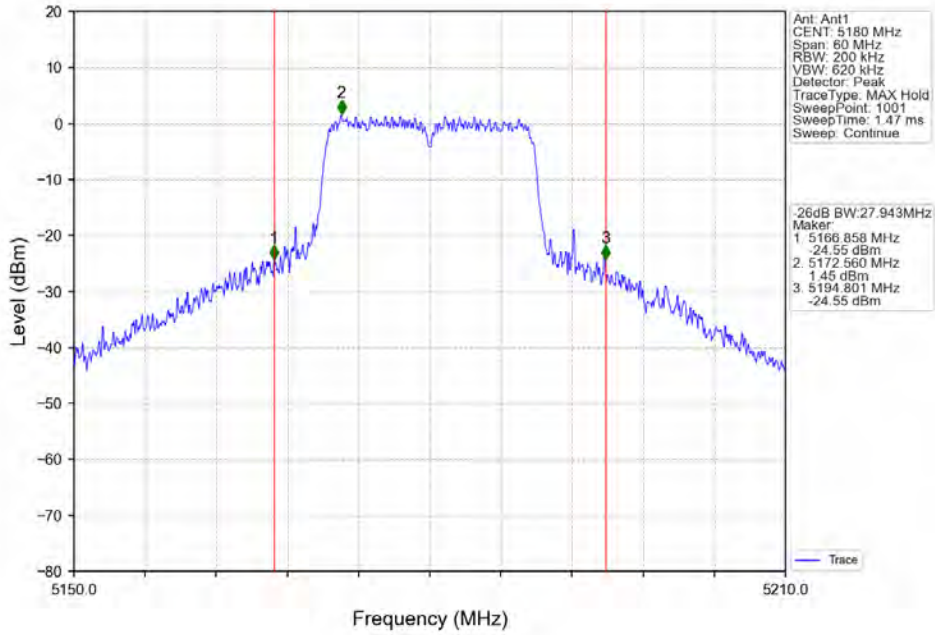
802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



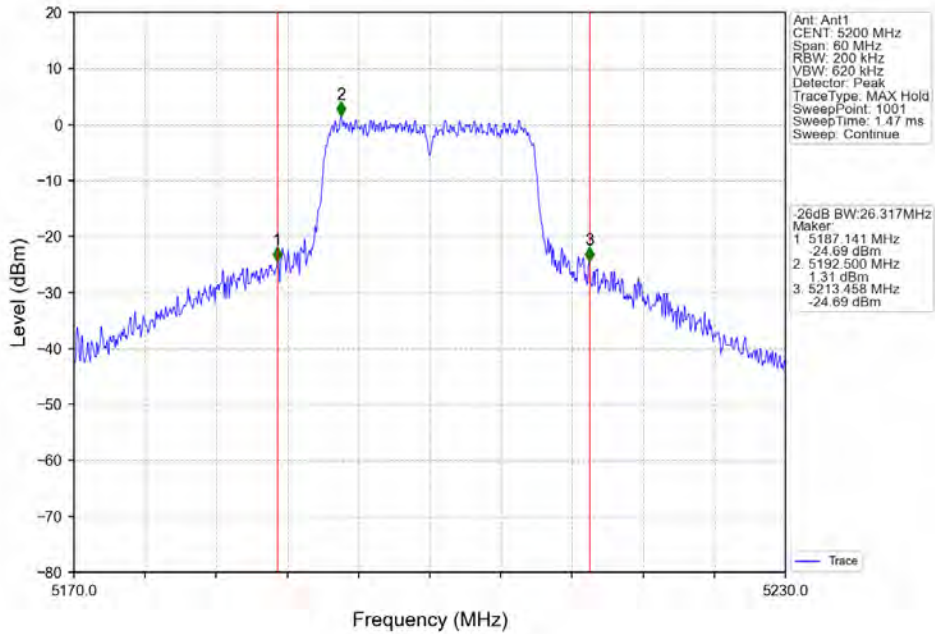
802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



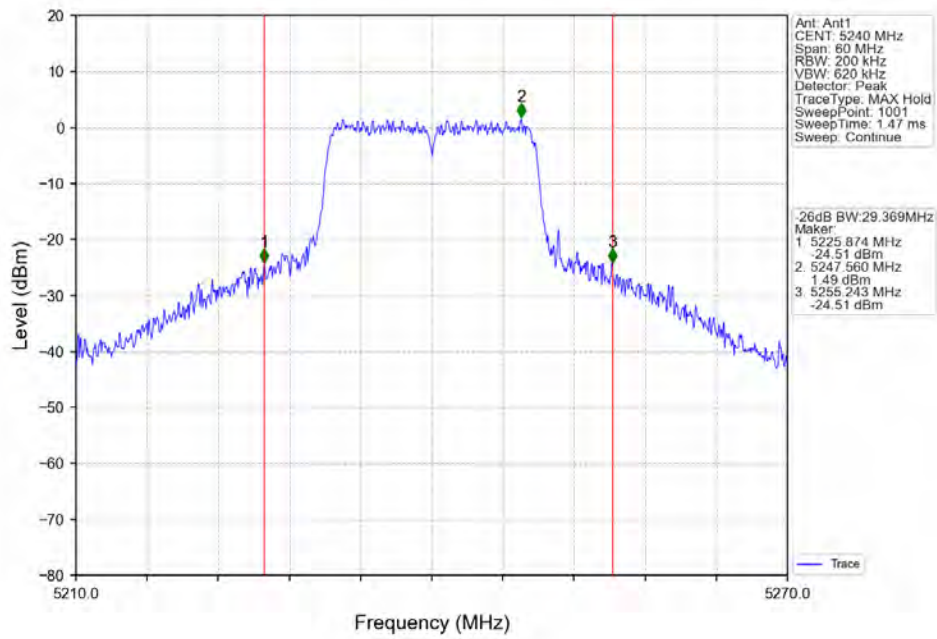
802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



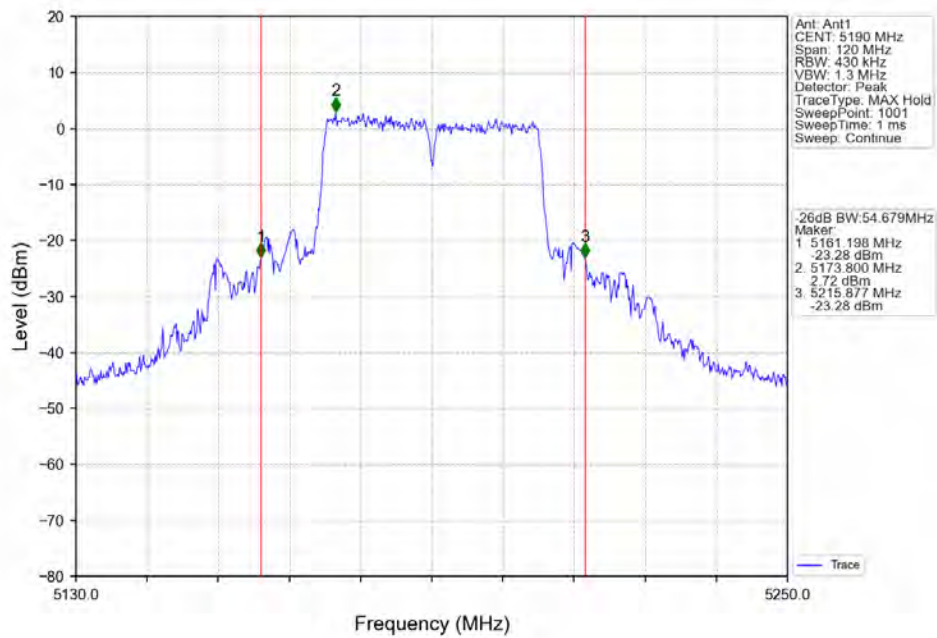
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



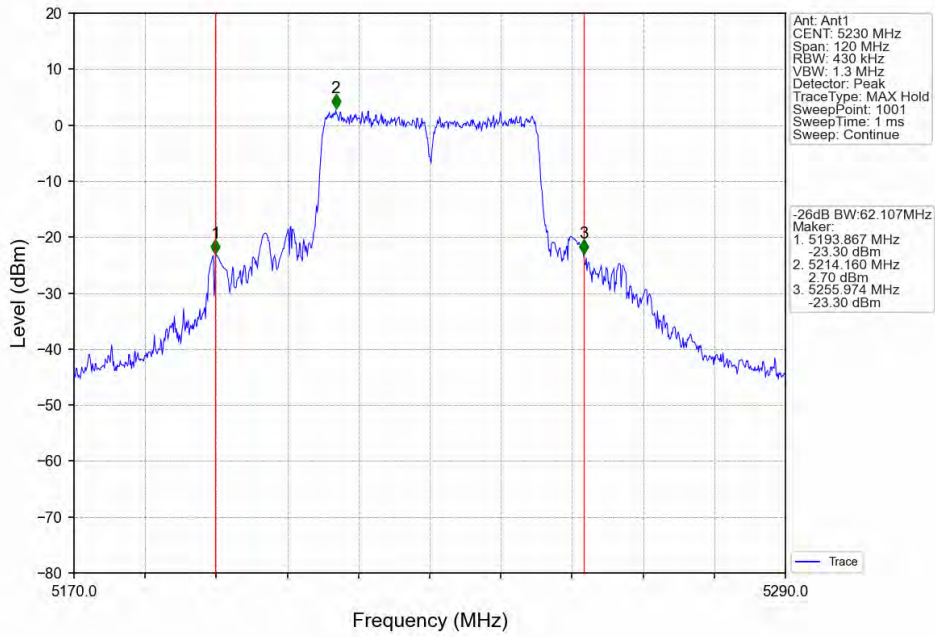
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



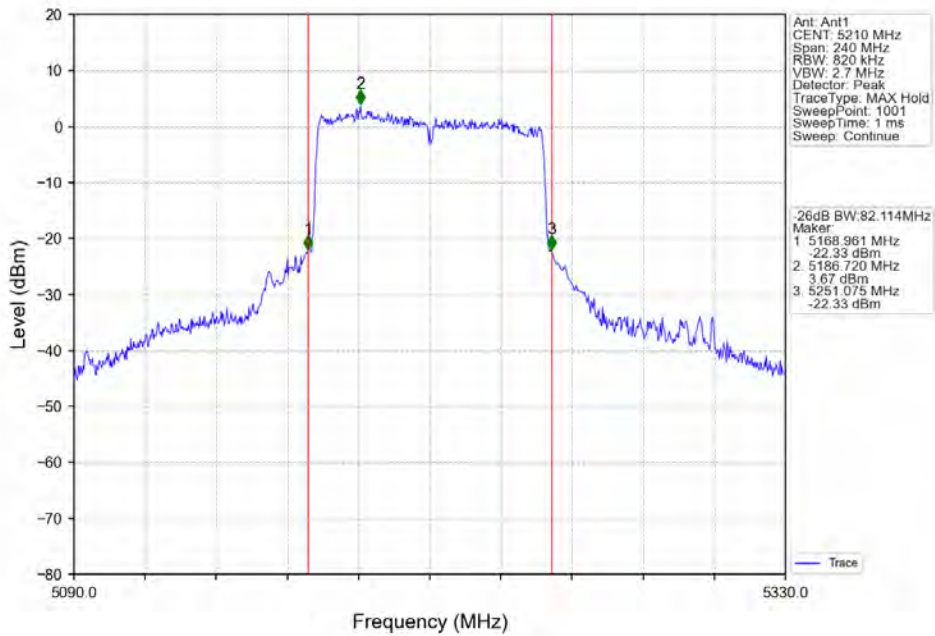
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



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



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



### 3. Maximum Conducted Output Power

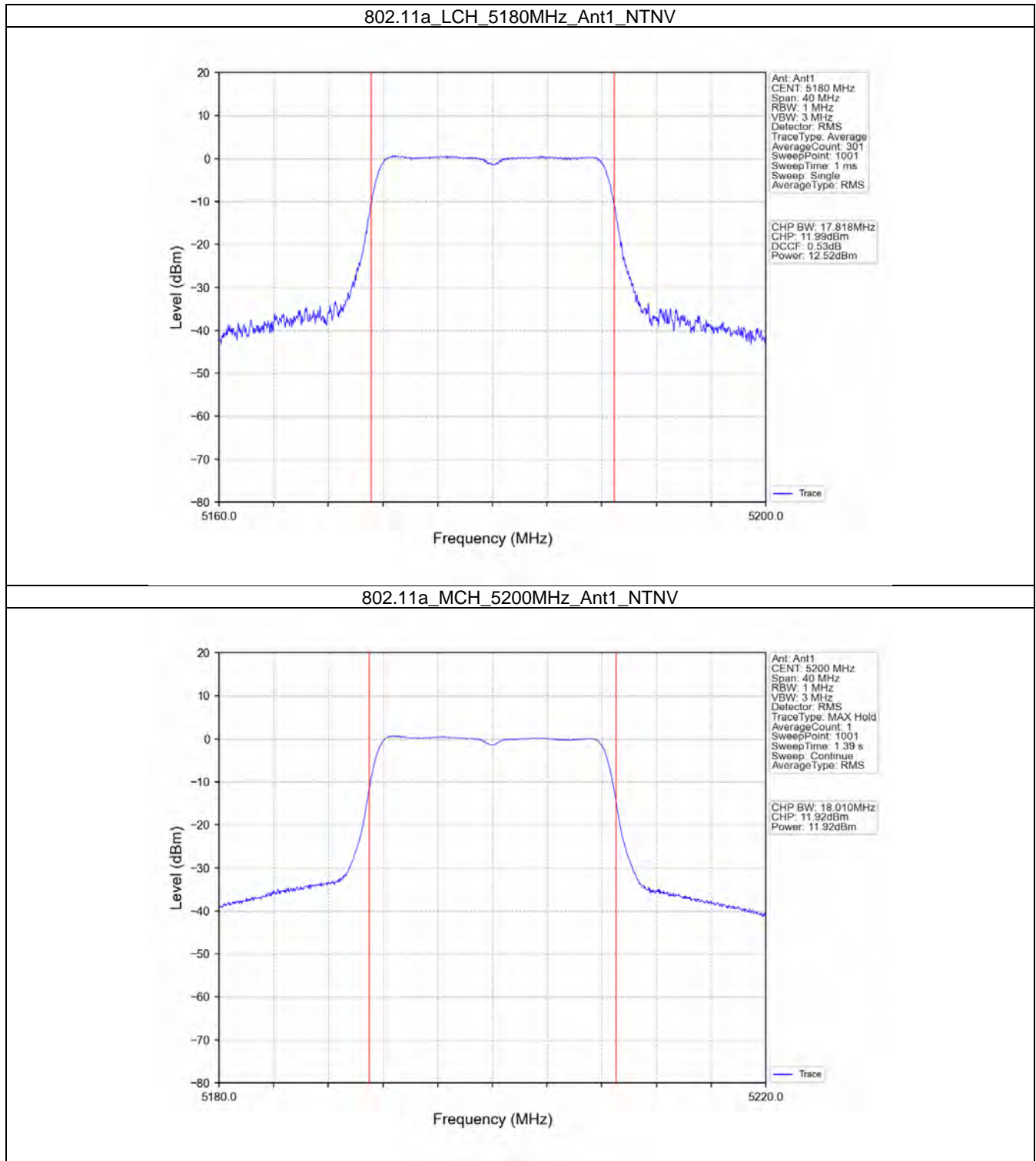
#### 3.1 Test Result

##### 3.1.1 Power

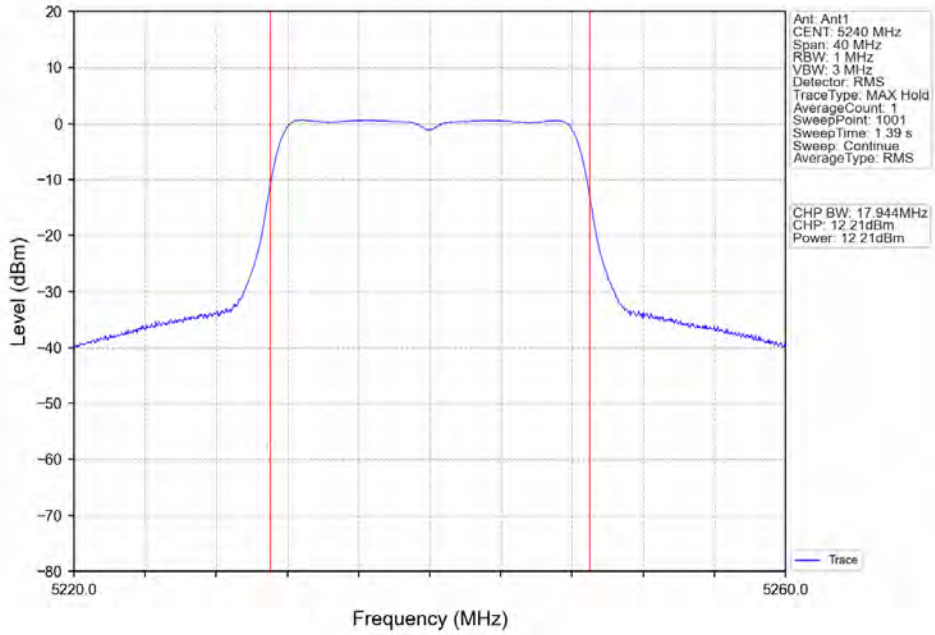
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	12.52	<=23.98	Pass
		5200	11.92	<=23.98	Pass
		5240	12.21	<=23.98	Pass
		5745	12.02	<=30	Pass
		5785	11.78	<=30	Pass
		5825	9.98	<=30	Pass
802.11n (HT20)	SISO	5180	12.71	<=23.98	Pass
		5200	12.03	<=23.98	Pass
		5240	12.10	<=23.98	Pass
		5745	12.06	<=30	Pass
		5785	11.75	<=30	Pass
		5825	10.00	<=30	Pass
802.11n (HT40)	SISO	5190	12.94	<=23.98	Pass
		5230	12.43	<=23.98	Pass
		5755	12.37	<=30	Pass
		5795	12.03	<=30	Pass
802.11ac (VHT20)	SISO	5180	12.50	<=23.98	Pass
		5200	12.15	<=23.98	Pass
		5240	12.03	<=23.98	Pass
		5745	11.92	<=30	Pass
		5785	11.72	<=30	Pass
		5825	9.96	<=30	Pass
802.11ac (VHT40)	SISO	5190	12.71	<=23.98	Pass
		5230	12.43	<=23.98	Pass
		5755	12.48	<=30	Pass
		5795	12.13	<=30	Pass
802.11ac (VHT80)	SISO	5210	12.55	<=23.98	Pass
		5775	12.15	<=30	Pass

### 3.2 Test Graph

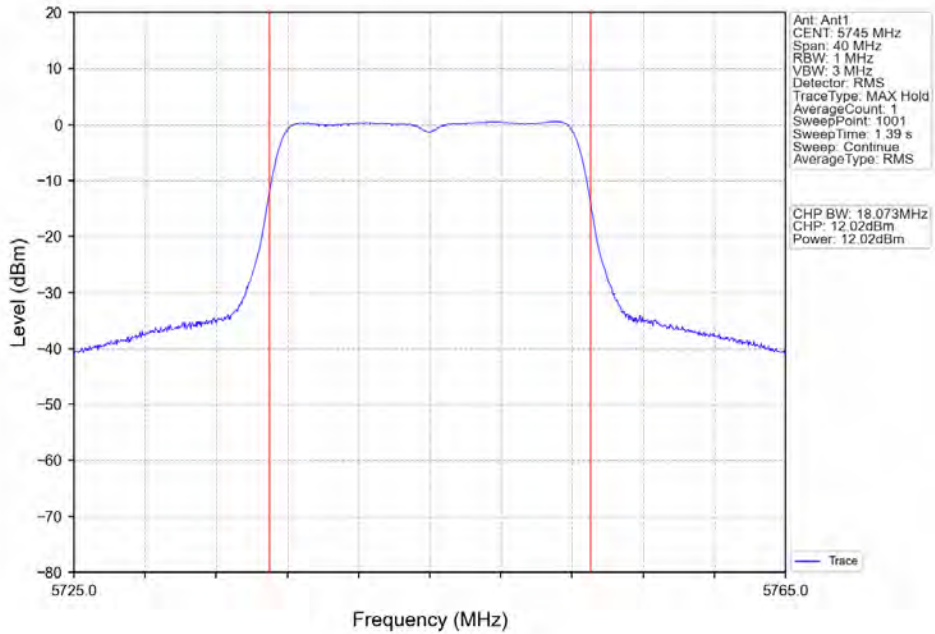
#### 3.2.1 Power



802.11a\_HCH\_5240MHz\_Ant1\_NTNV

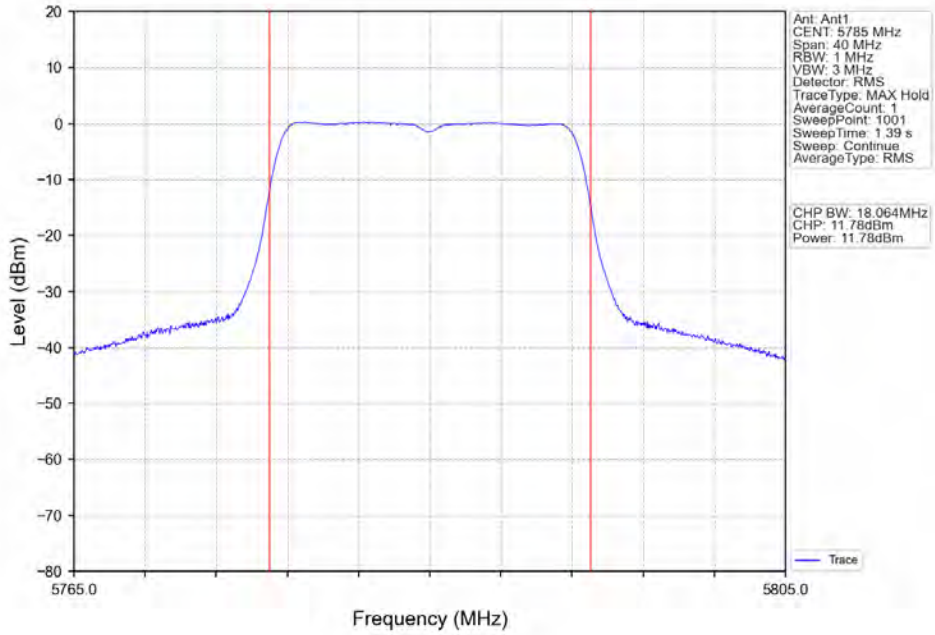


802.11a\_LCH\_5745MHz\_Ant1\_NTNV

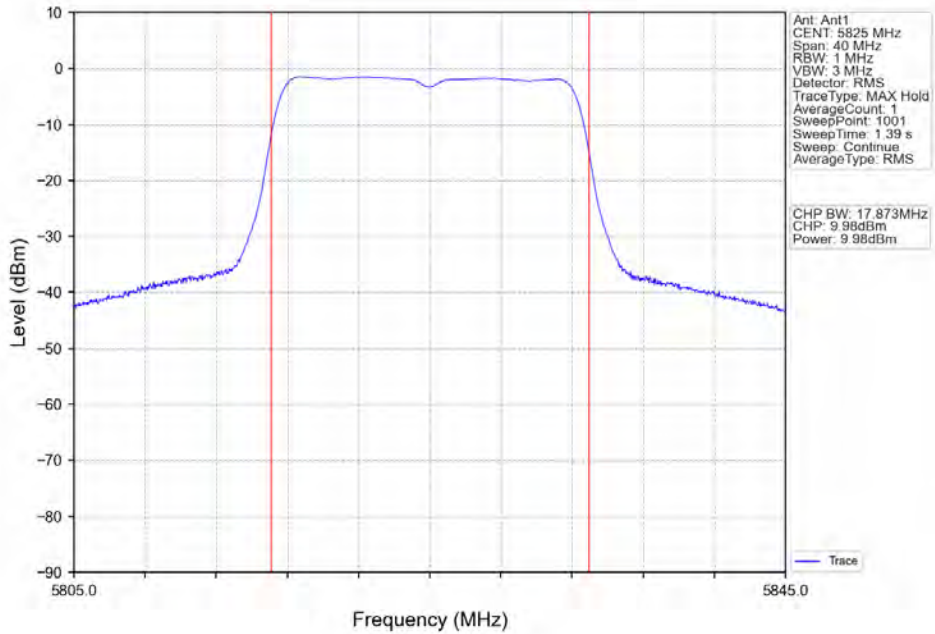




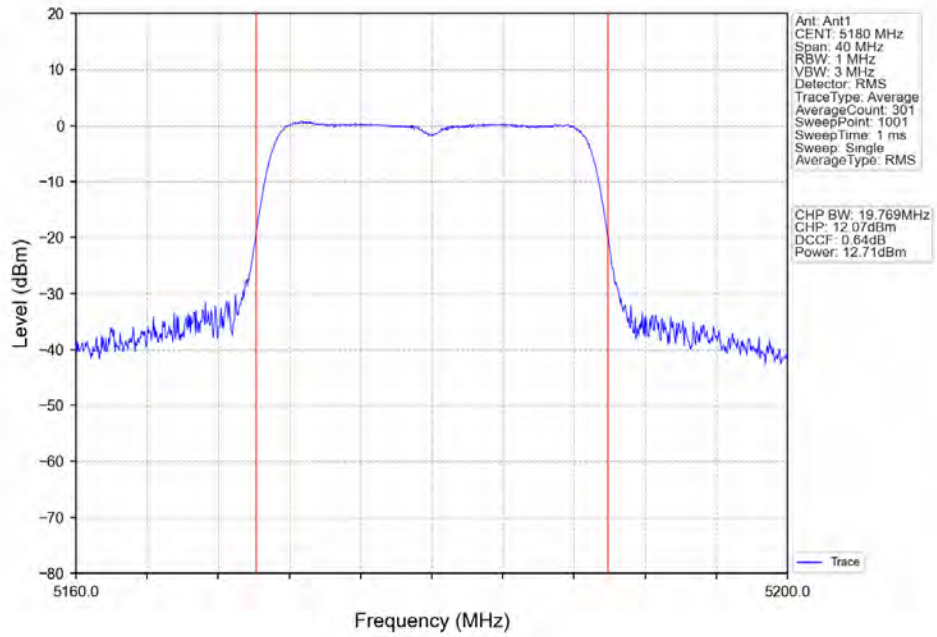
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



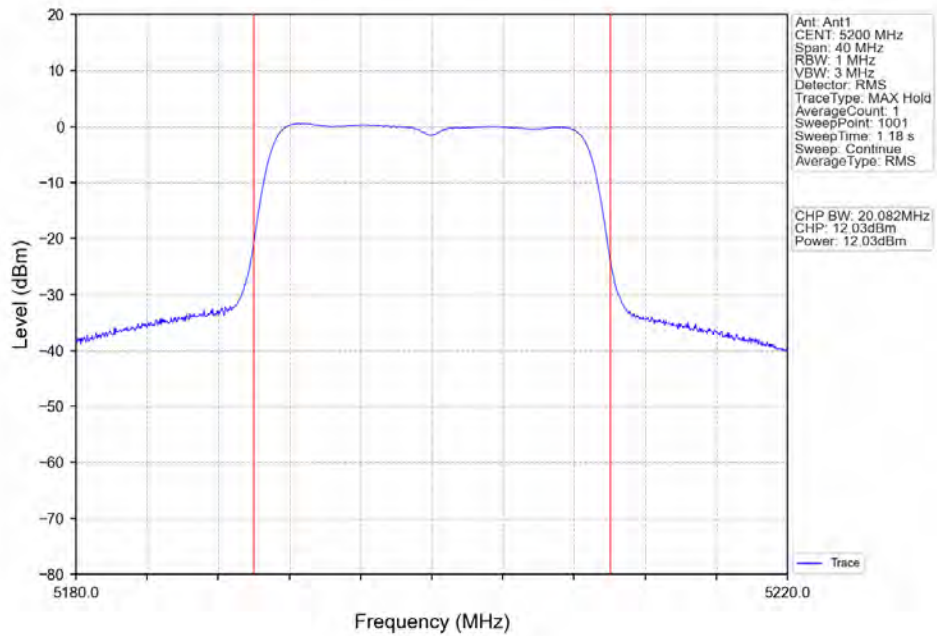
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



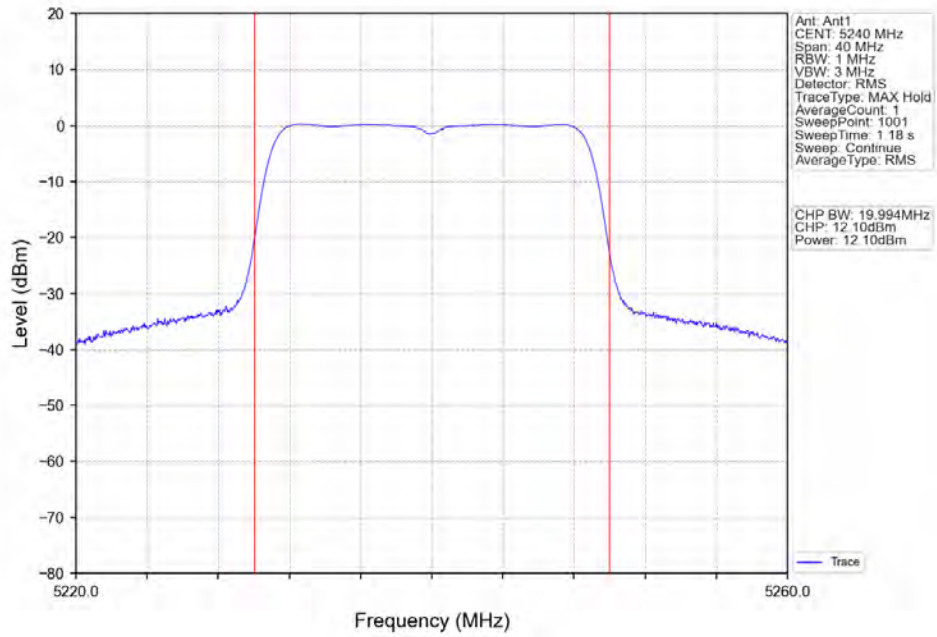
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



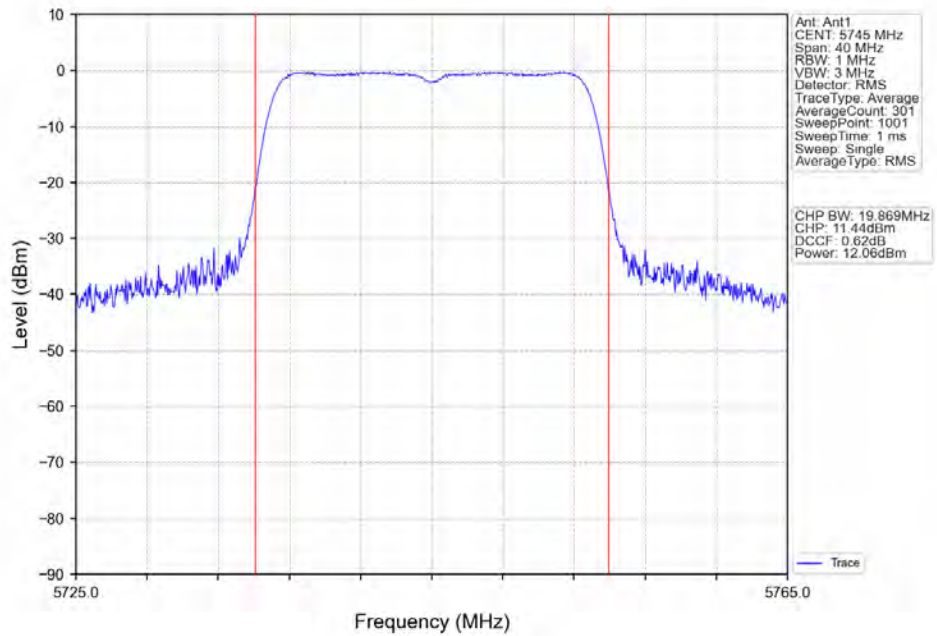
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



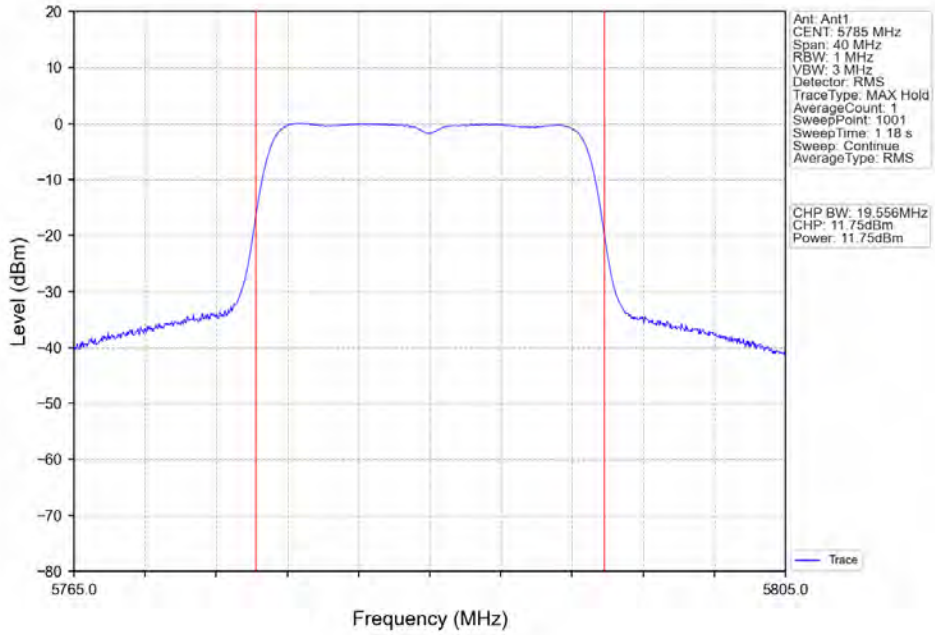
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



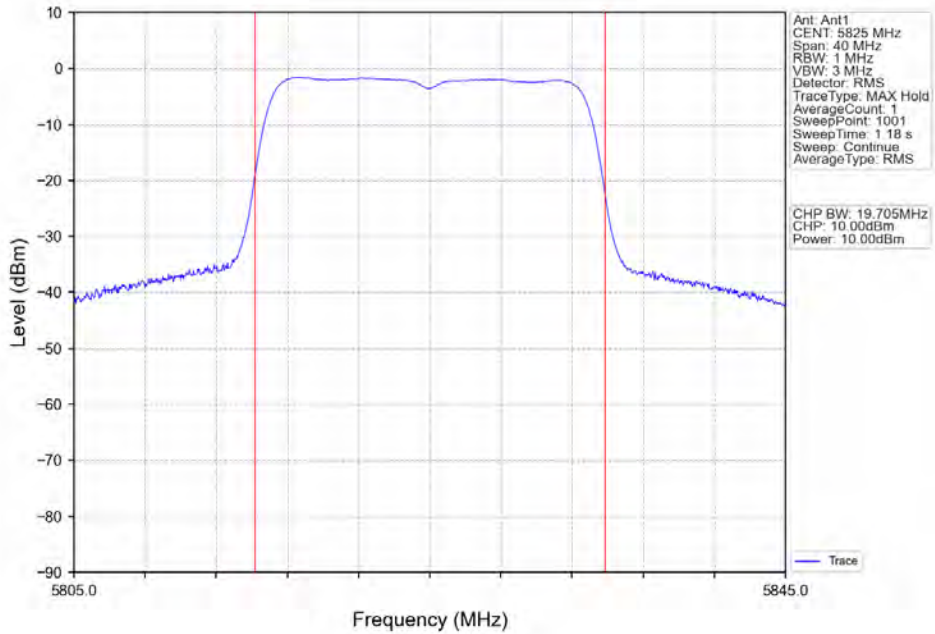
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



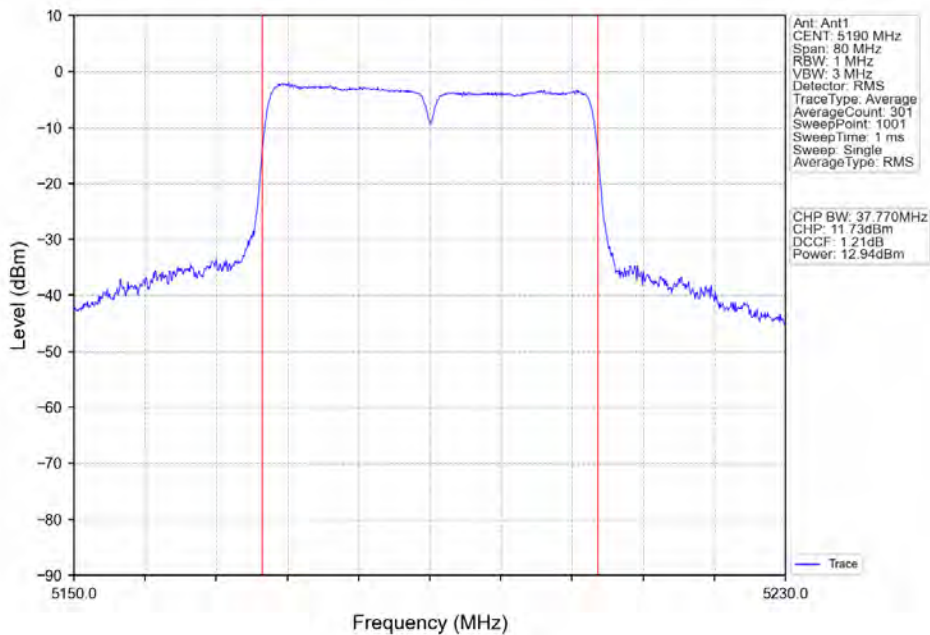
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



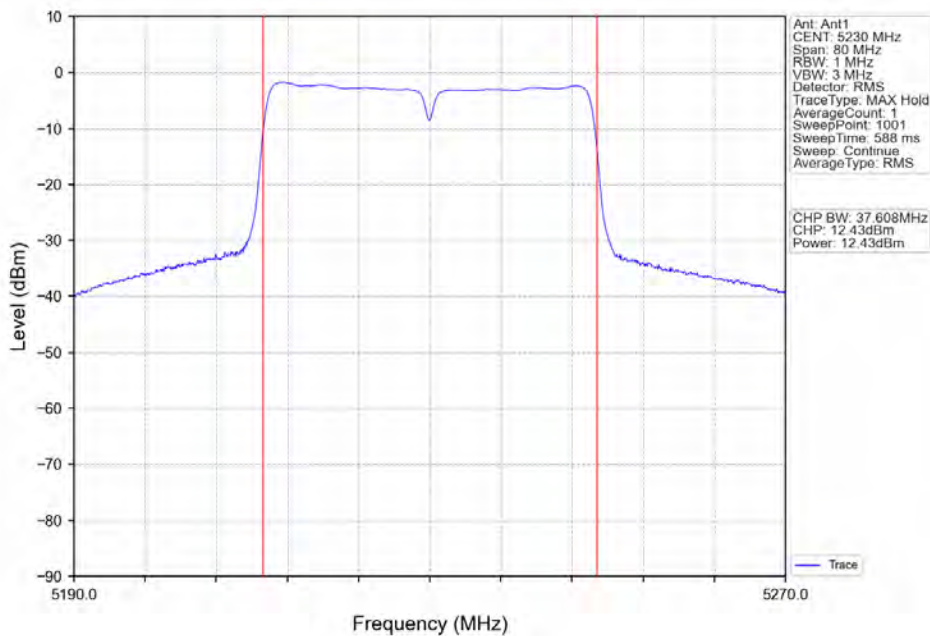
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



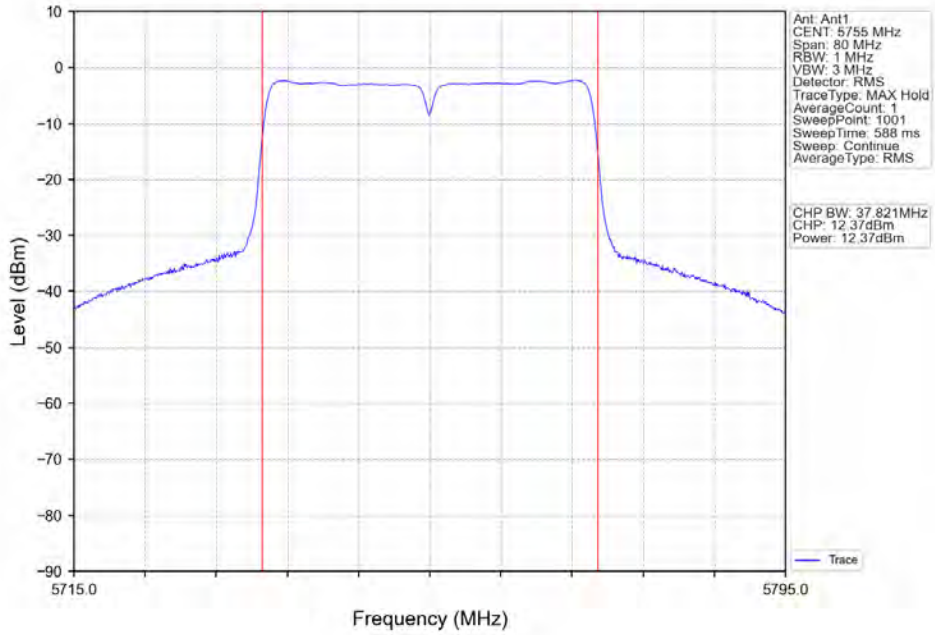
802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



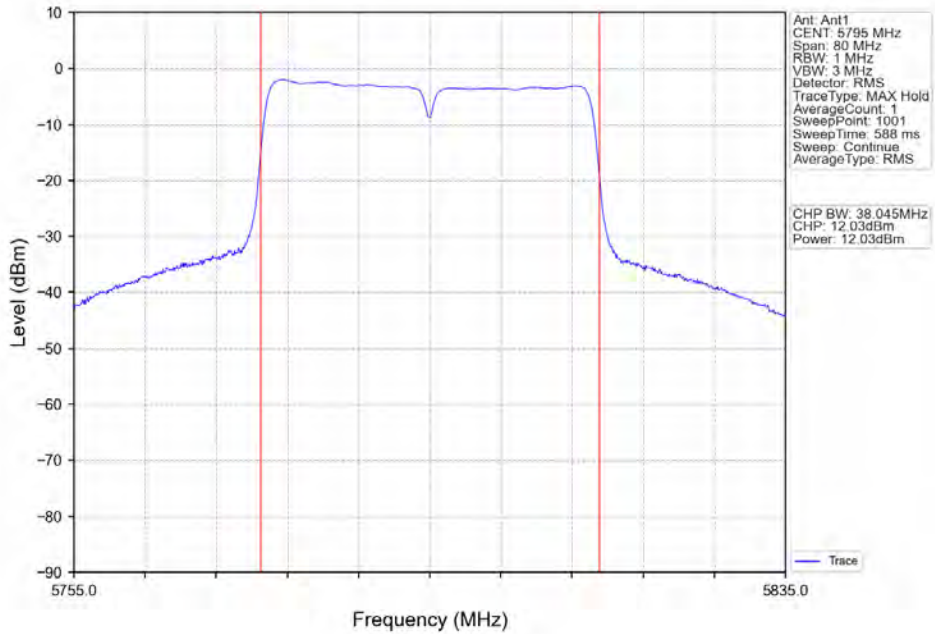
802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



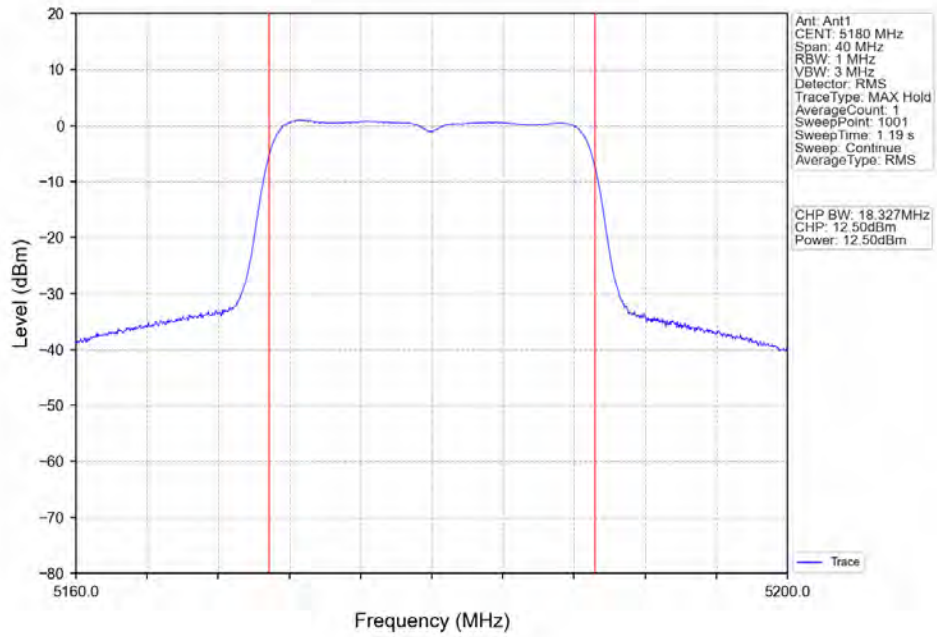
802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



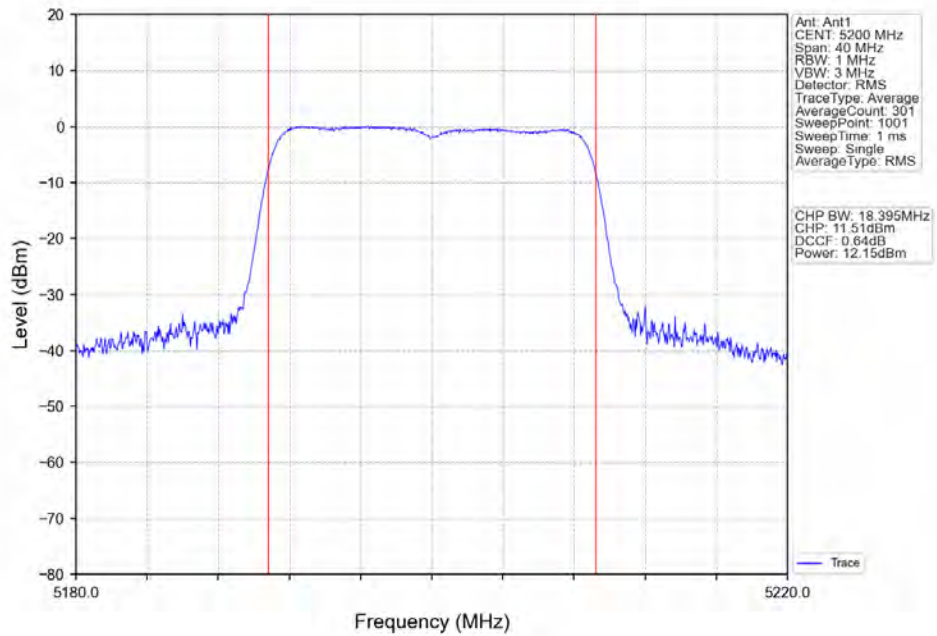
802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



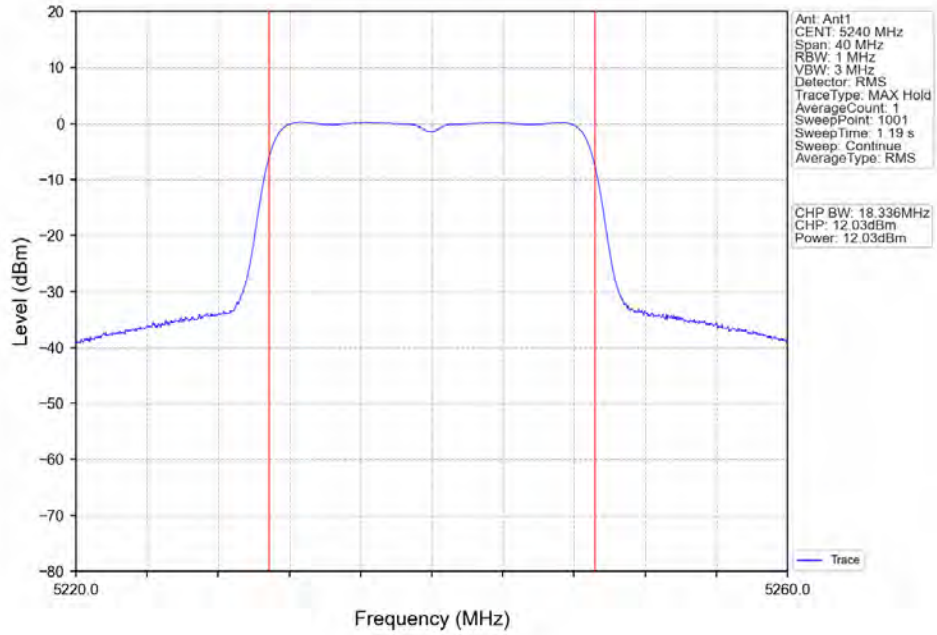
802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



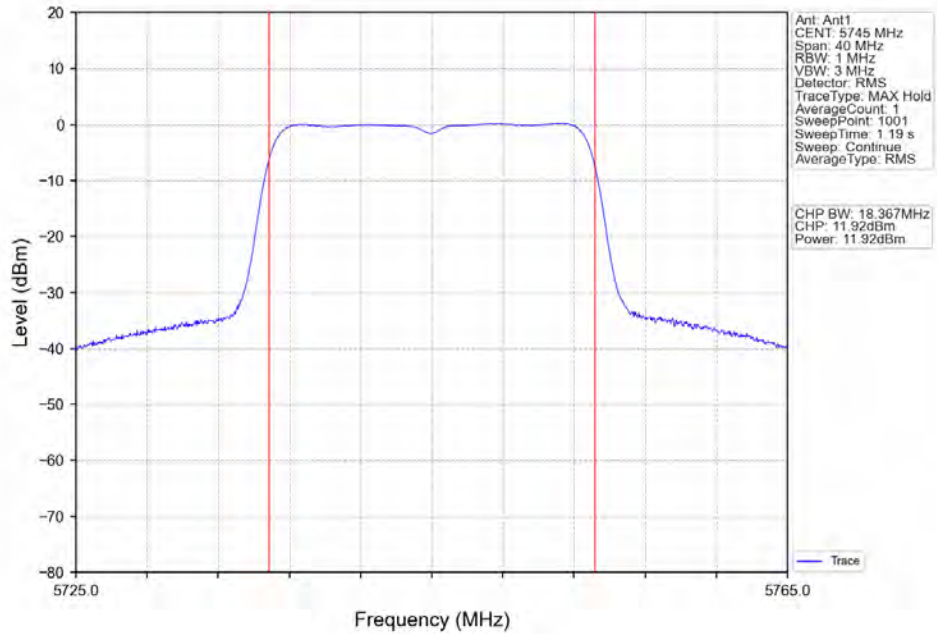
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



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

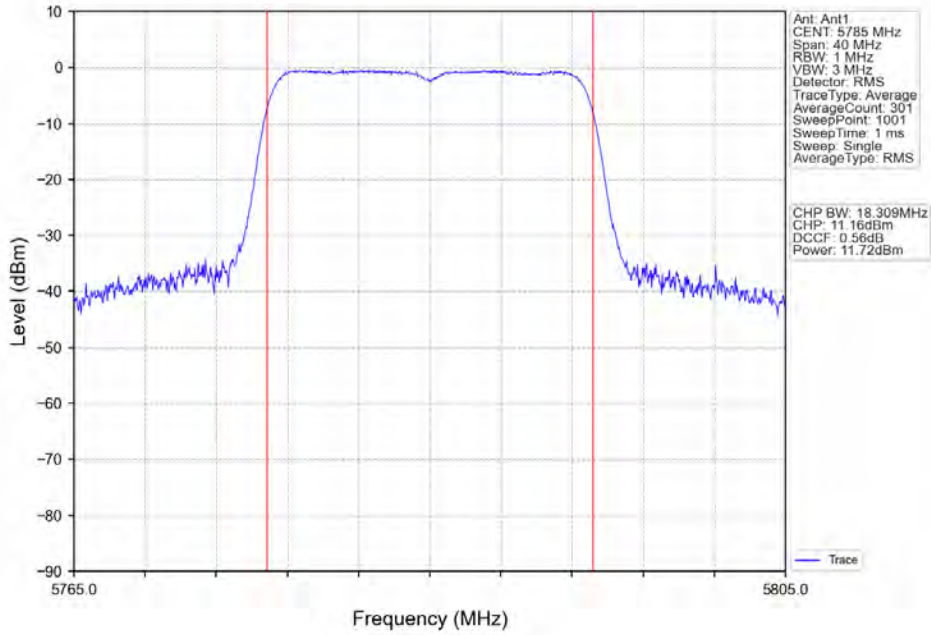


802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV

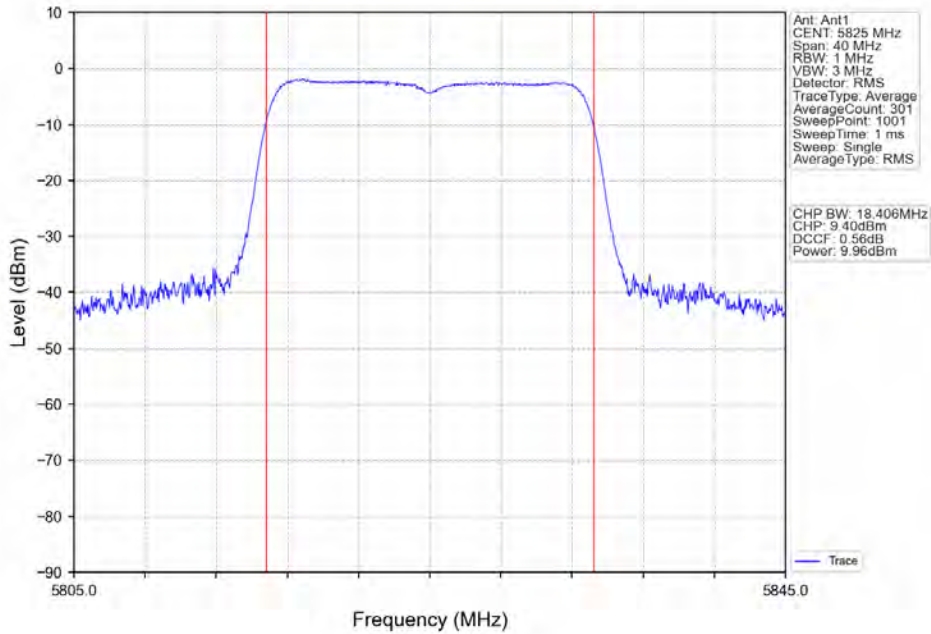




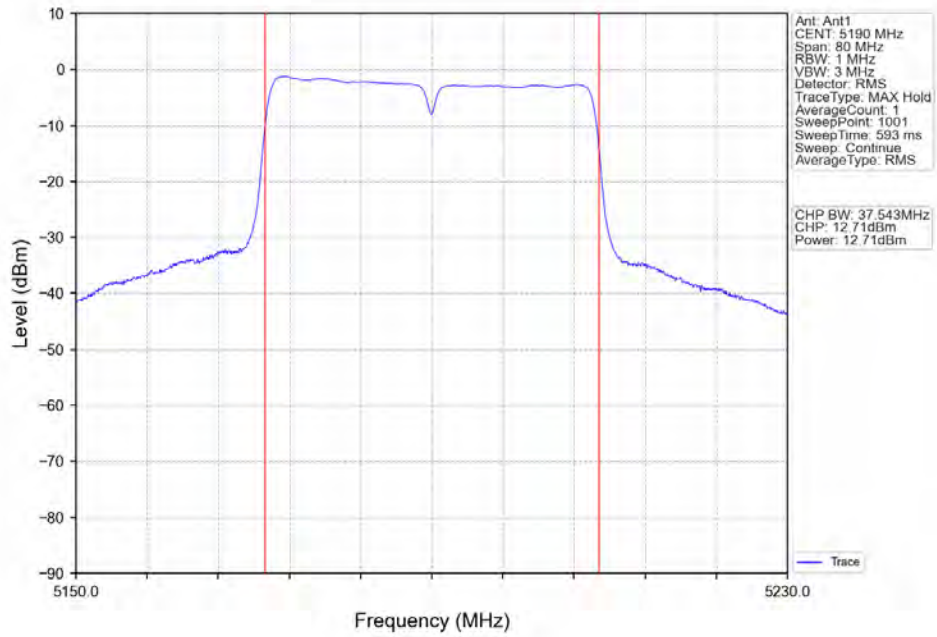
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



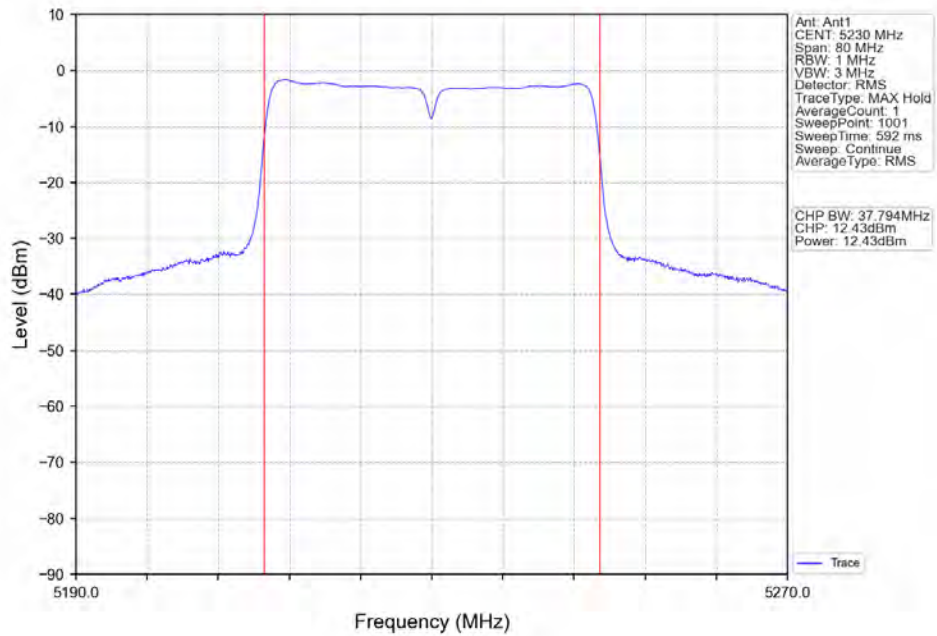
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



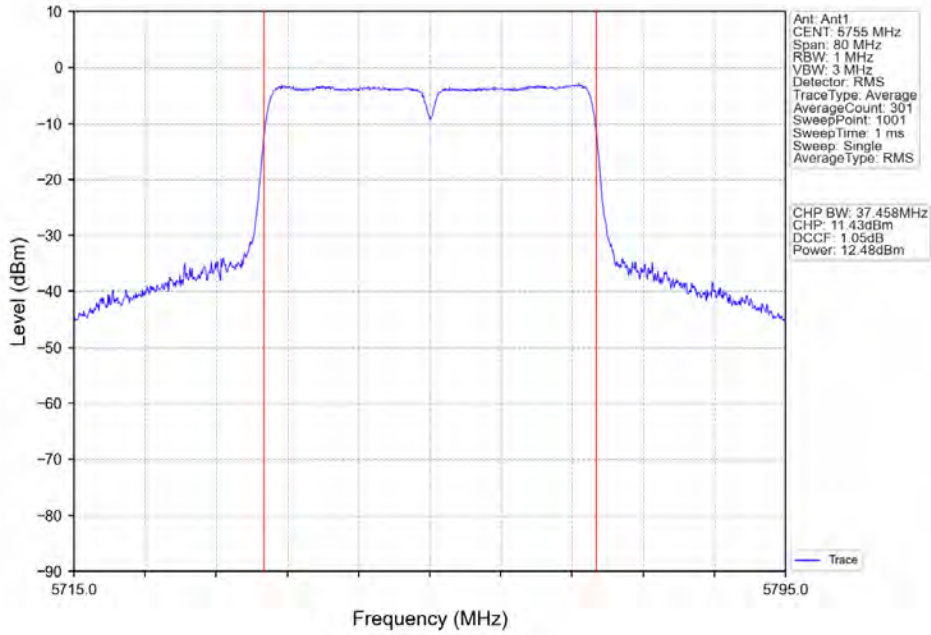
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



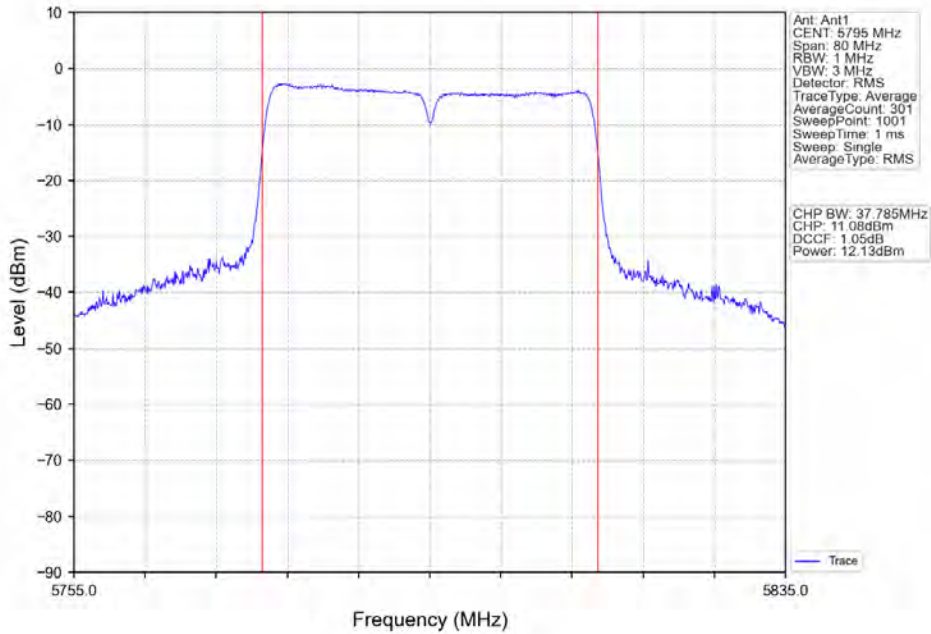
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



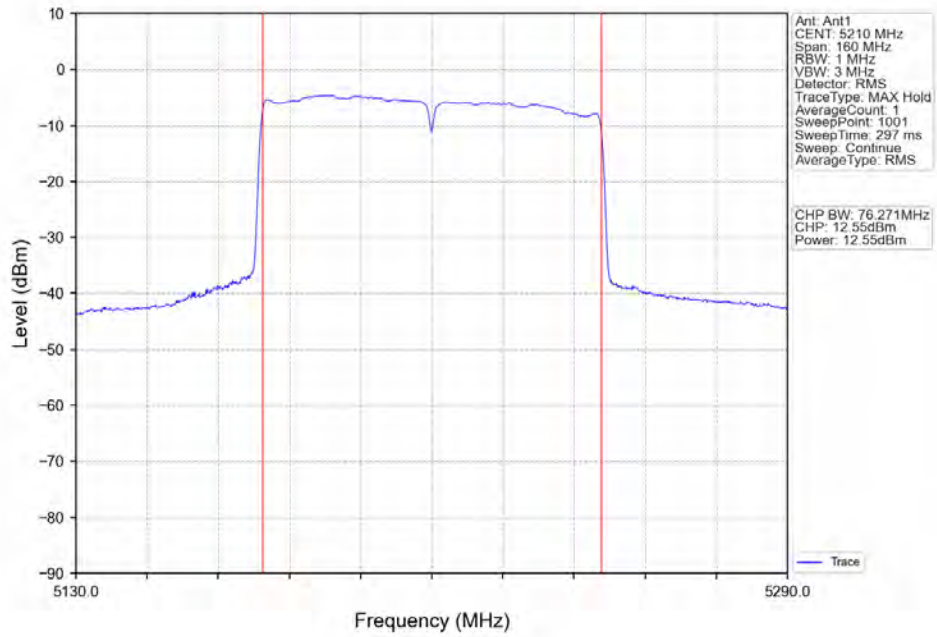
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



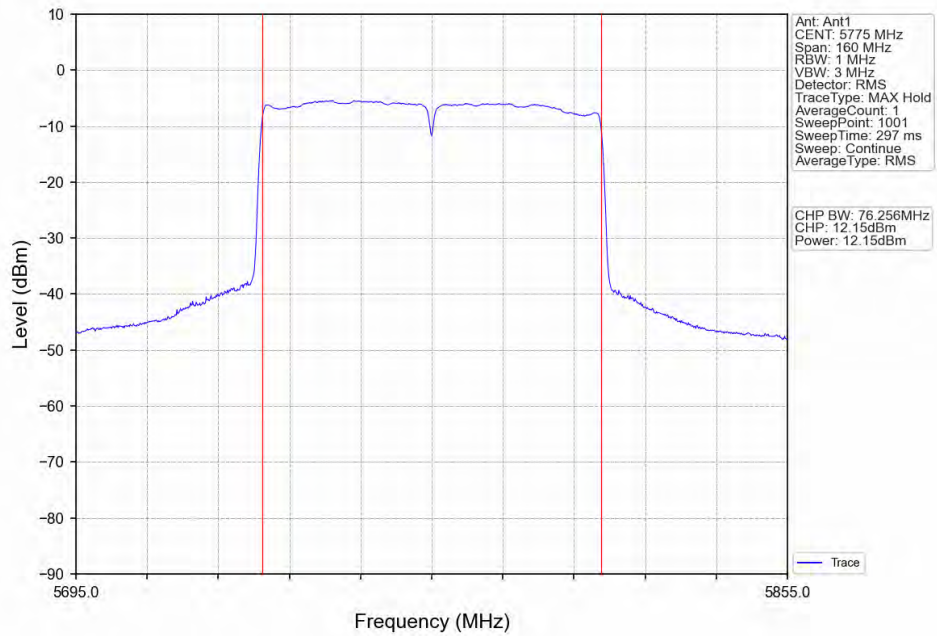
802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



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



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



## 4. Maximum Power Spectral Density

### 4.1 Test Result

#### 4.1.1 PSD

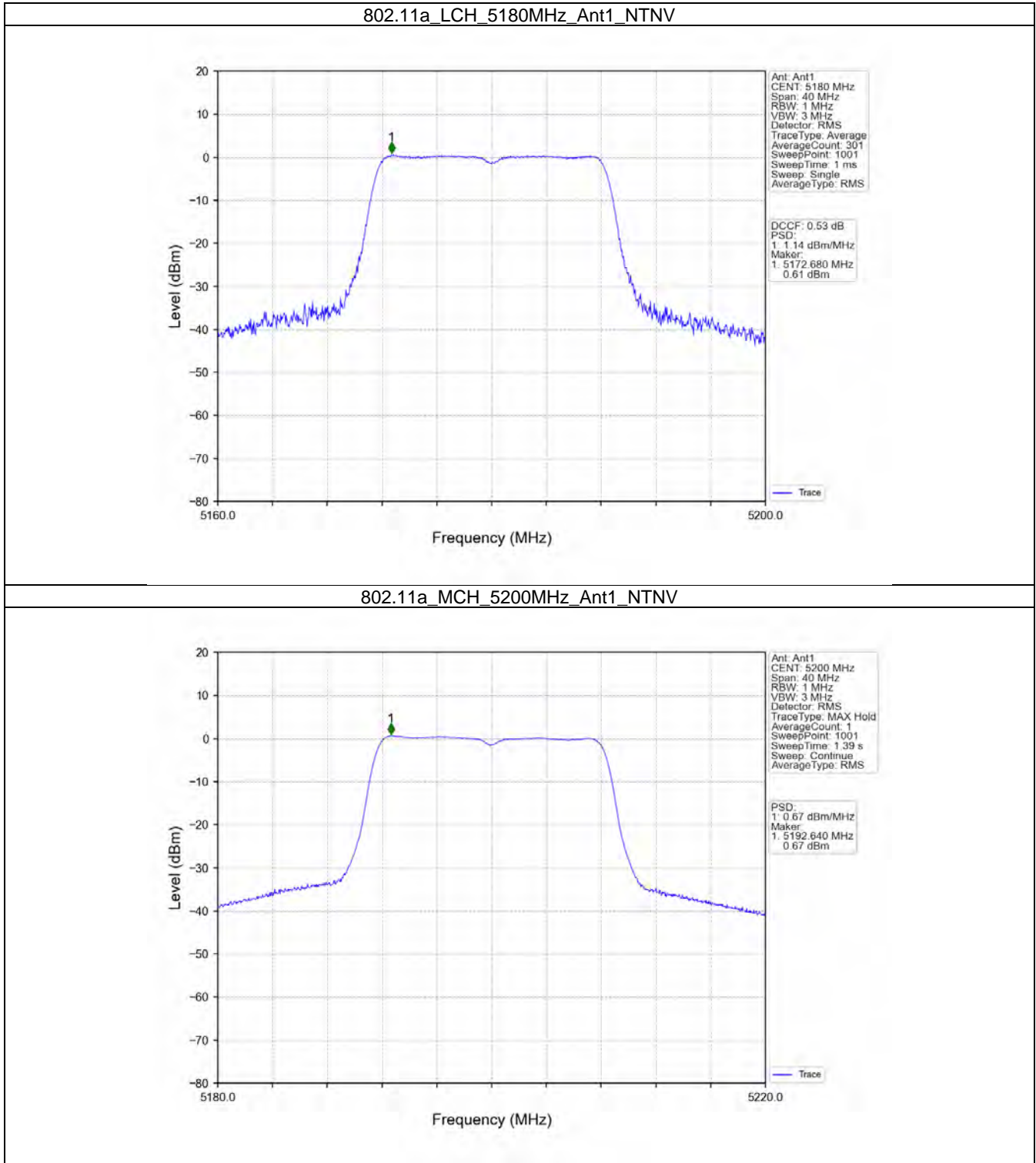
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	1.14	<=11	Pass
		5200	0.67	<=11	Pass
		5240	0.60	<=11	Pass
802.11n (HT20)	SISO	5180	1.15	<=11	Pass
		5200	0.59	<=11	Pass
		5240	0.32	<=11	Pass
802.11n (HT40)	SISO	5190	-0.86	<=11	Pass
		5230	-1.74	<=11	Pass
802.11ac (VHT20)	SISO	5180	0.93	<=11	Pass
		5200	0.91	<=11	Pass
		5240	0.30	<=11	Pass
802.11ac (VHT40)	SISO	5190	-1.20	<=11	Pass
		5230	-1.70	<=11	Pass
802.11ac (VHT80)	SISO	5210	-4.57	<=11	Pass

#### 4.1.2 PSD-Band3

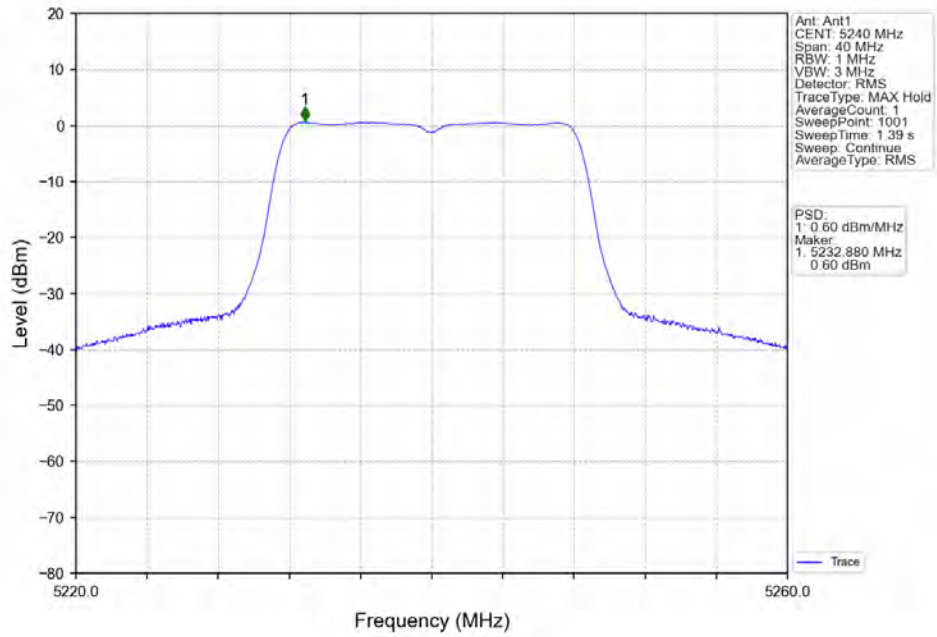
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-2.18	<=30	Pass
		5785	-2.50	<=30	Pass
		5825	-4.12	<=30	Pass
802.11n (HT20)	SISO	5745	-2.20	<=30	Pass
		5785	-2.66	<=30	Pass
		5825	-4.28	<=30	Pass
802.11n (HT40)	SISO	5755	-4.75	<=30	Pass
		5795	-4.61	<=30	Pass
802.11ac (VHT20)	SISO	5745	-2.33	<=30	Pass
		5785	-2.42	<=30	Pass
		5825	-4.10	<=30	Pass
802.11ac (VHT40)	SISO	5755	-4.78	<=30	Pass
		5795	-4.46	<=30	Pass
802.11ac (VHT80)	SISO	5775	-7.72	<=30	Pass

## 4.2 Test Graph

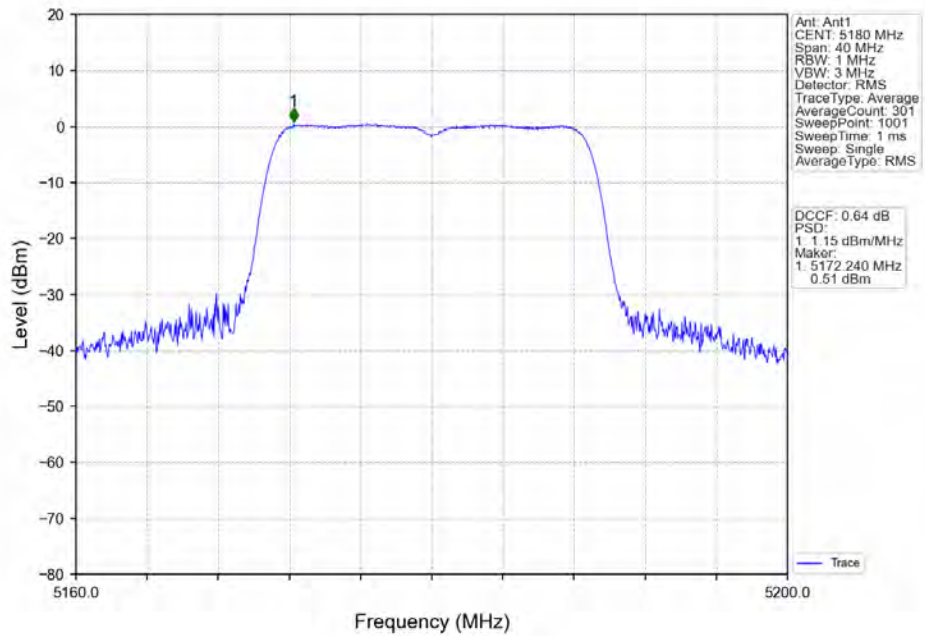
### 4.2.1 PSD



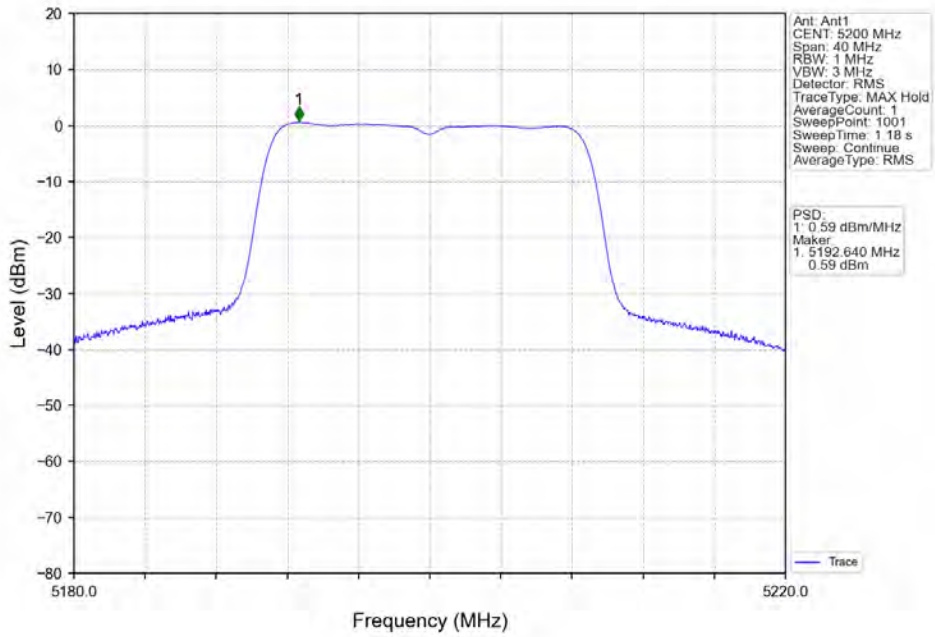
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



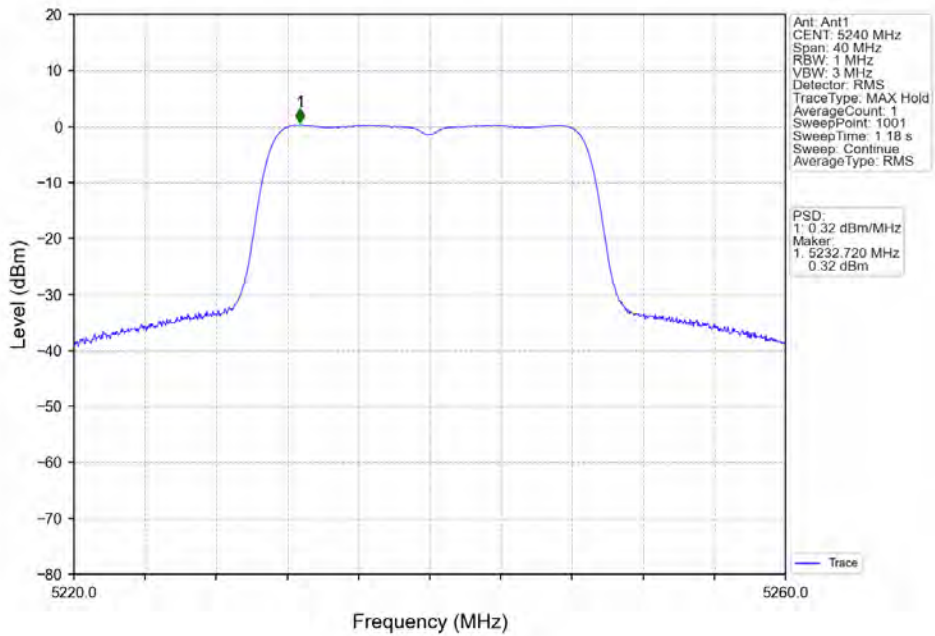
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



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

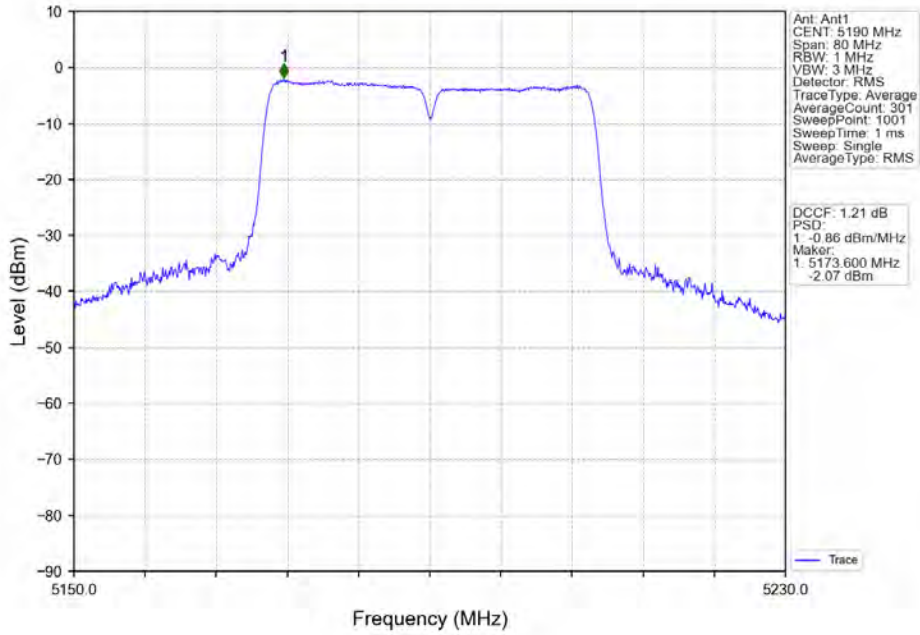


802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV

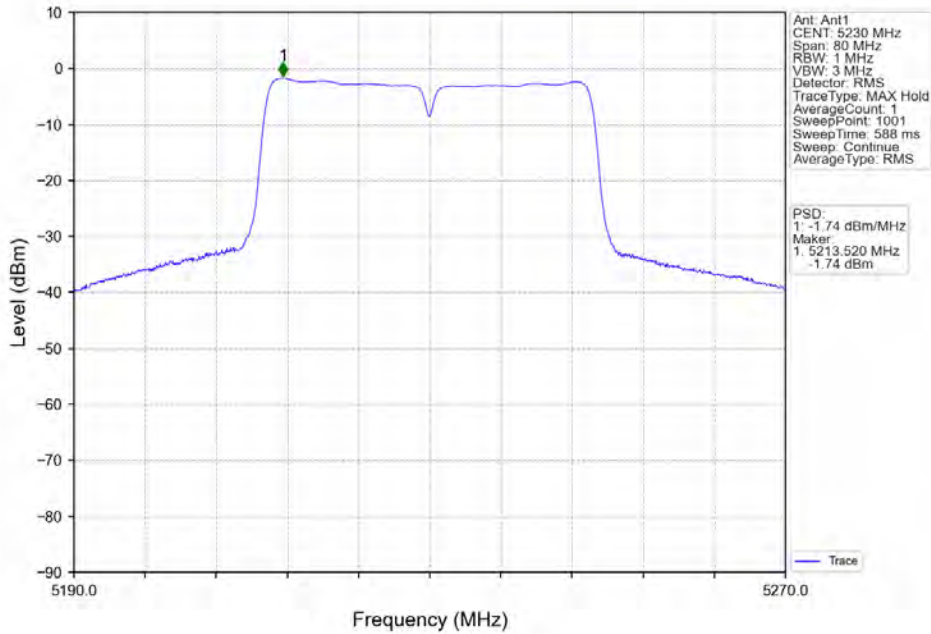




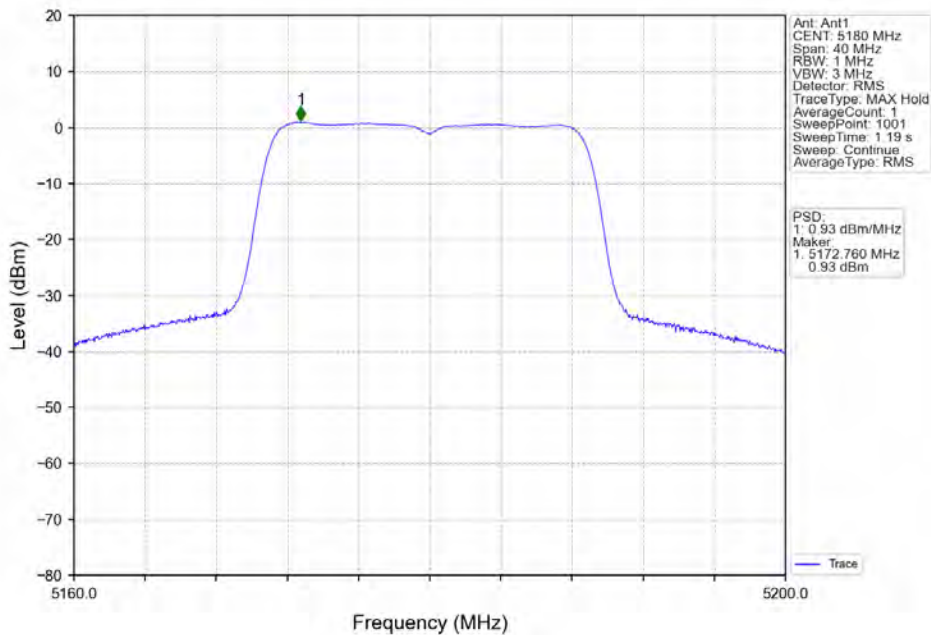
802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



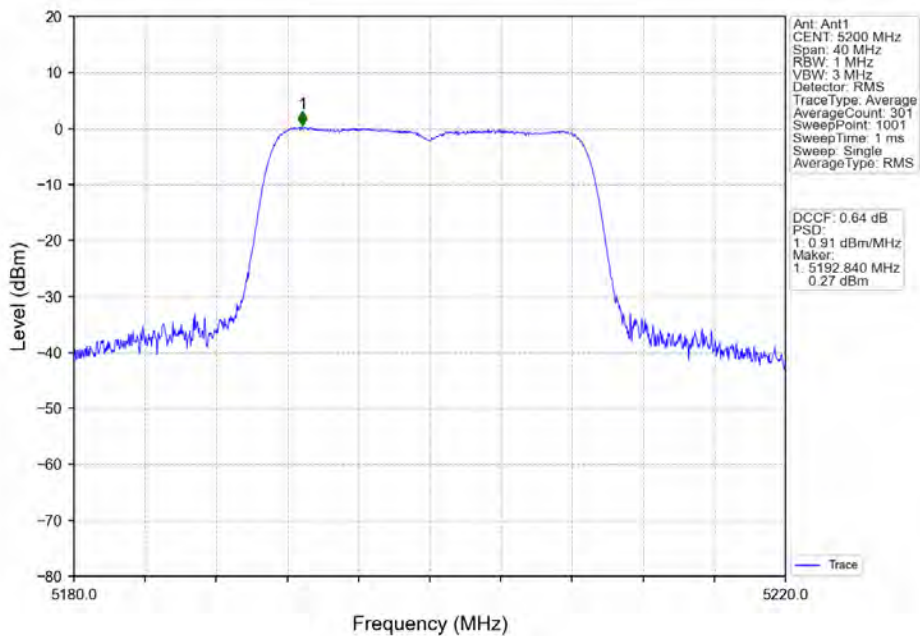
802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



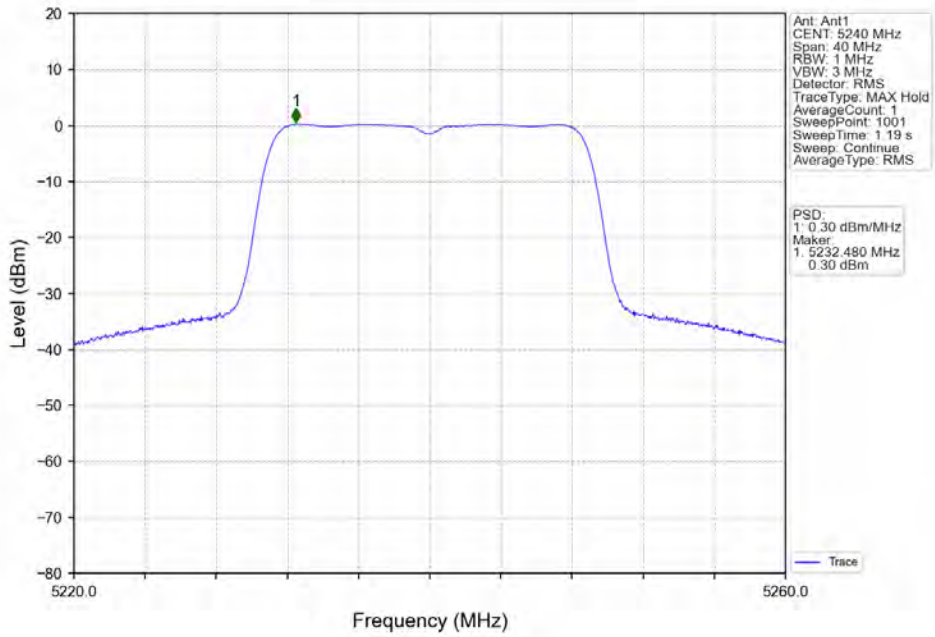
802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



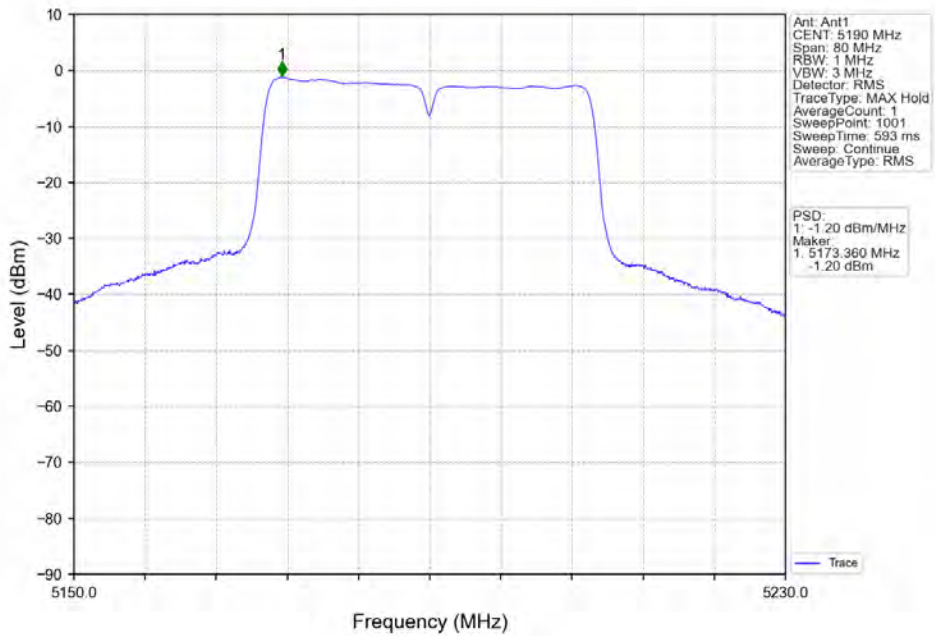
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



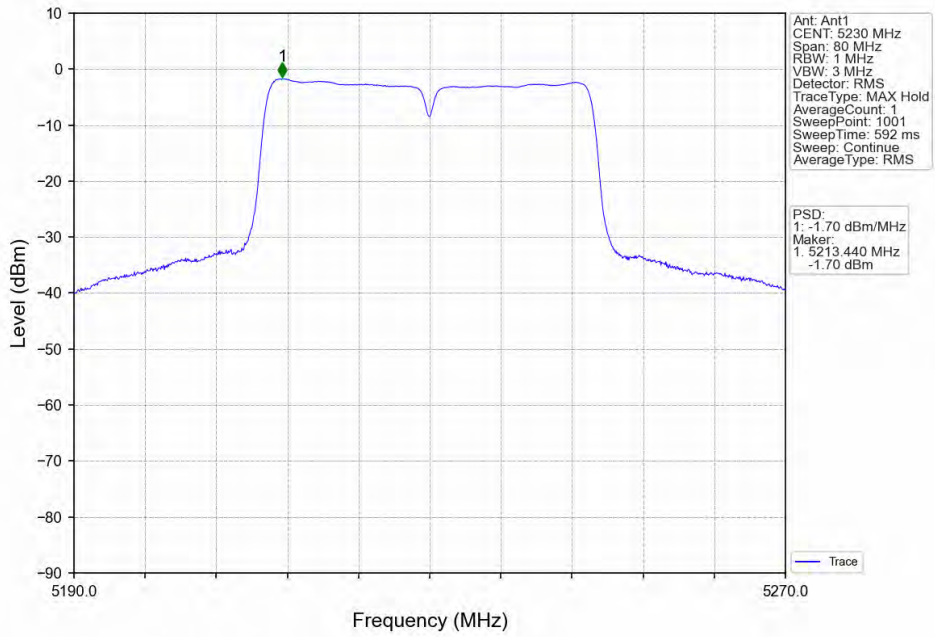
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



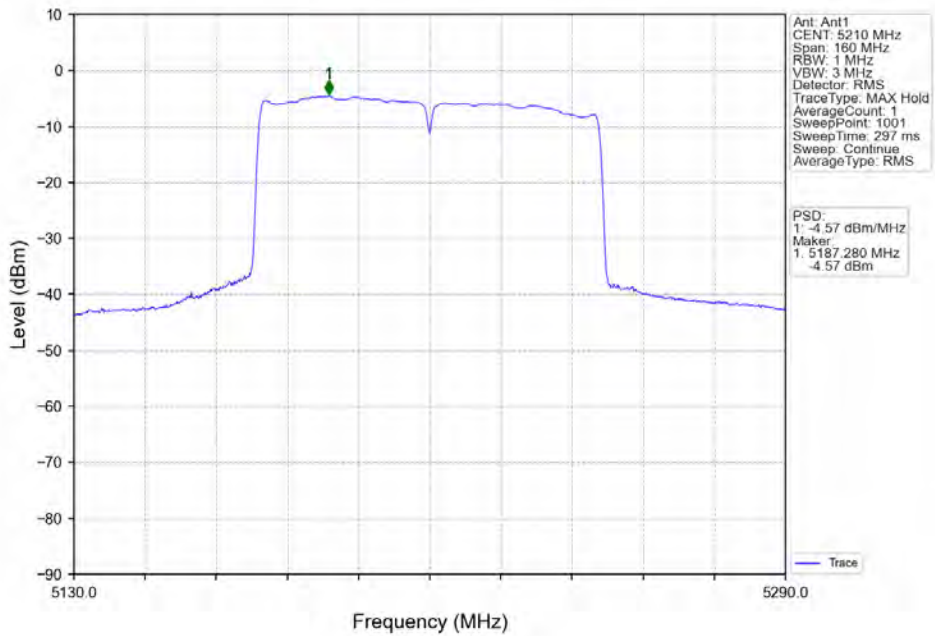
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



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

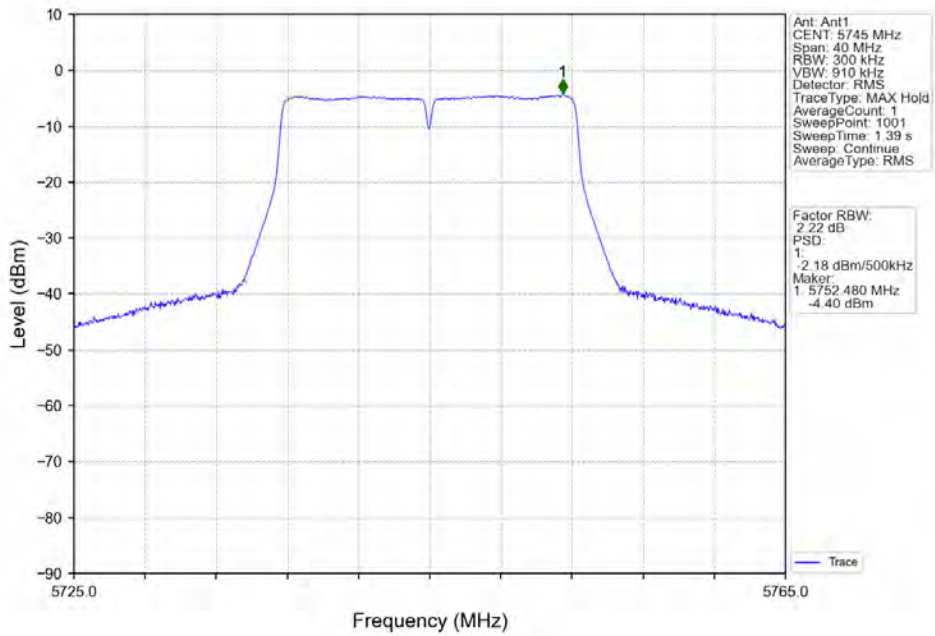


802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV

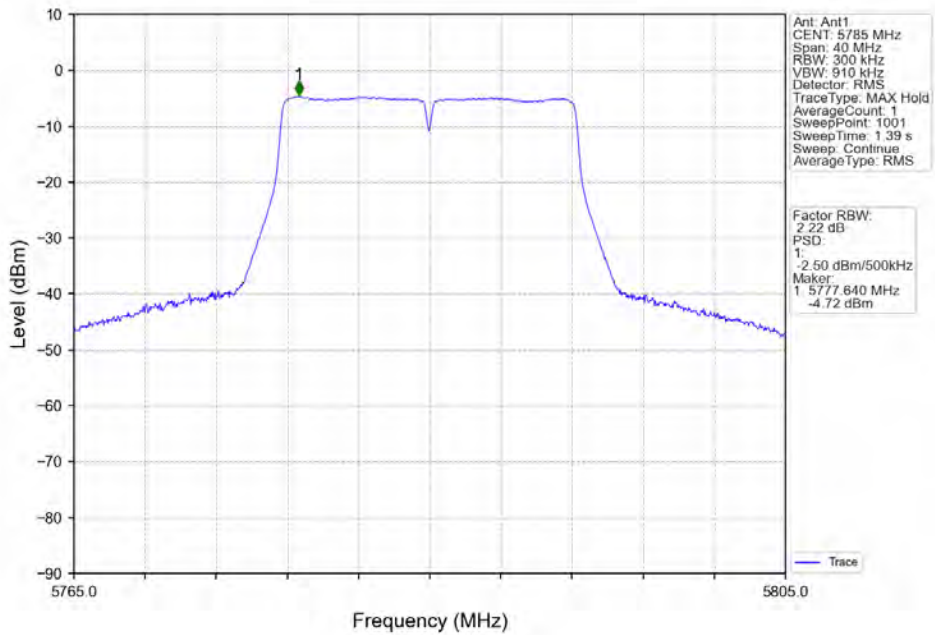


4.2.2 PSD-Band3

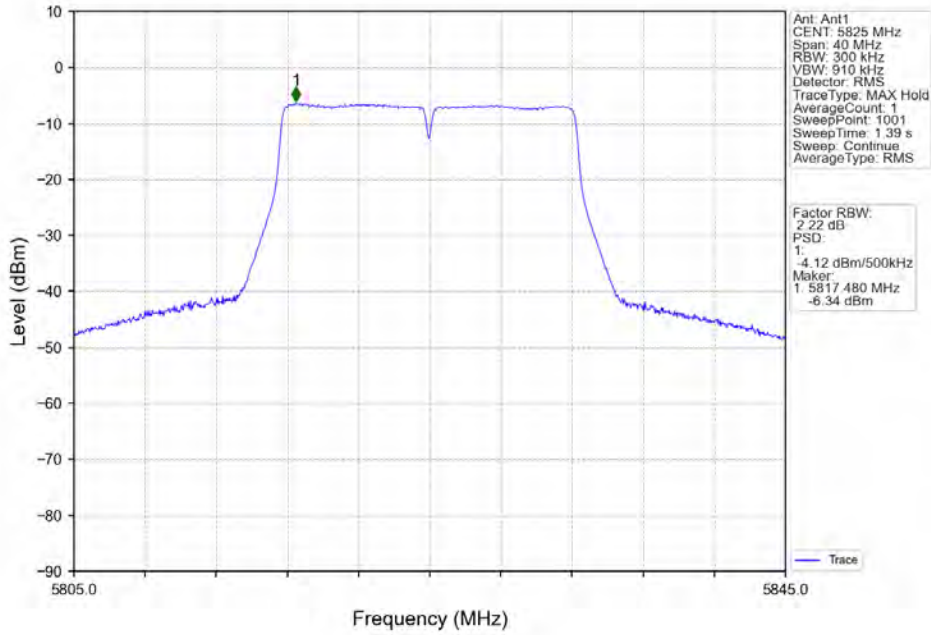
802.11a\_LCH\_5745MHz\_Ant1\_NTNV



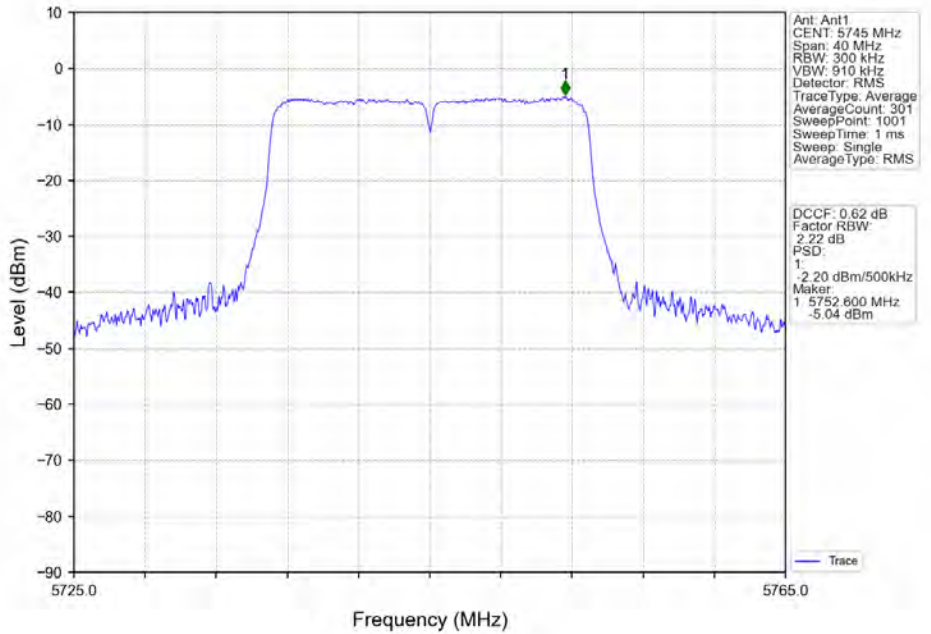
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



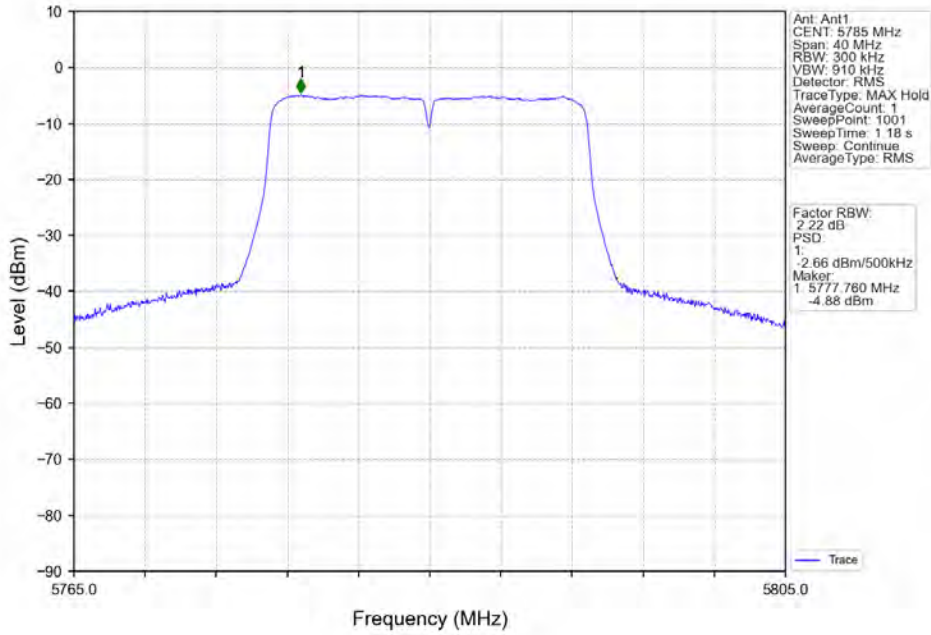
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



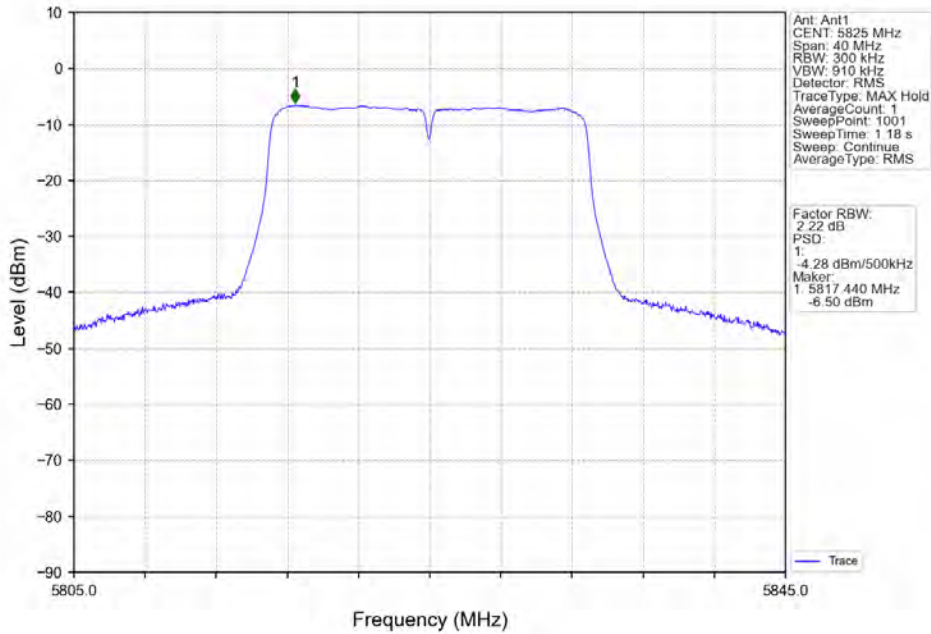
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



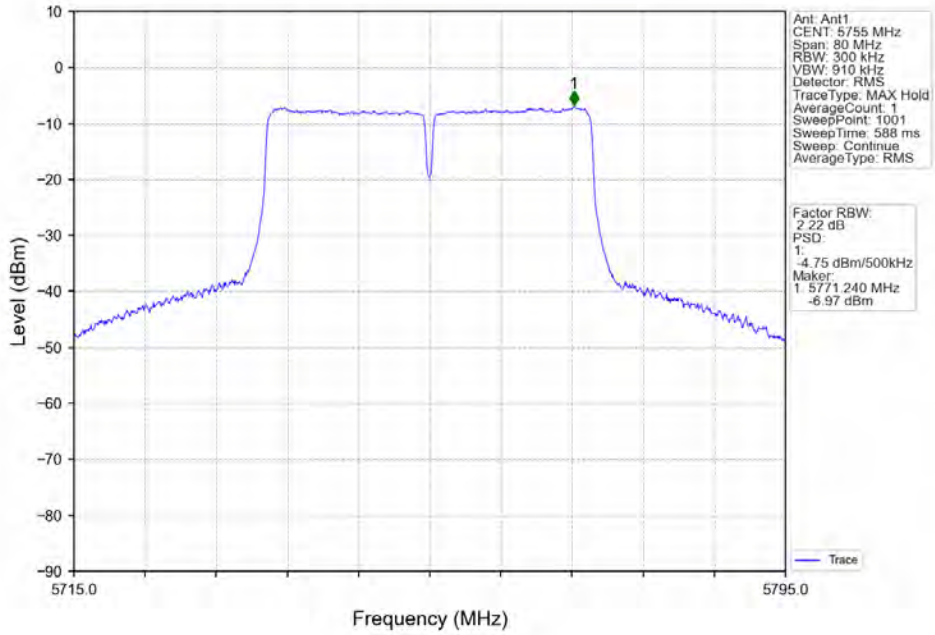
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



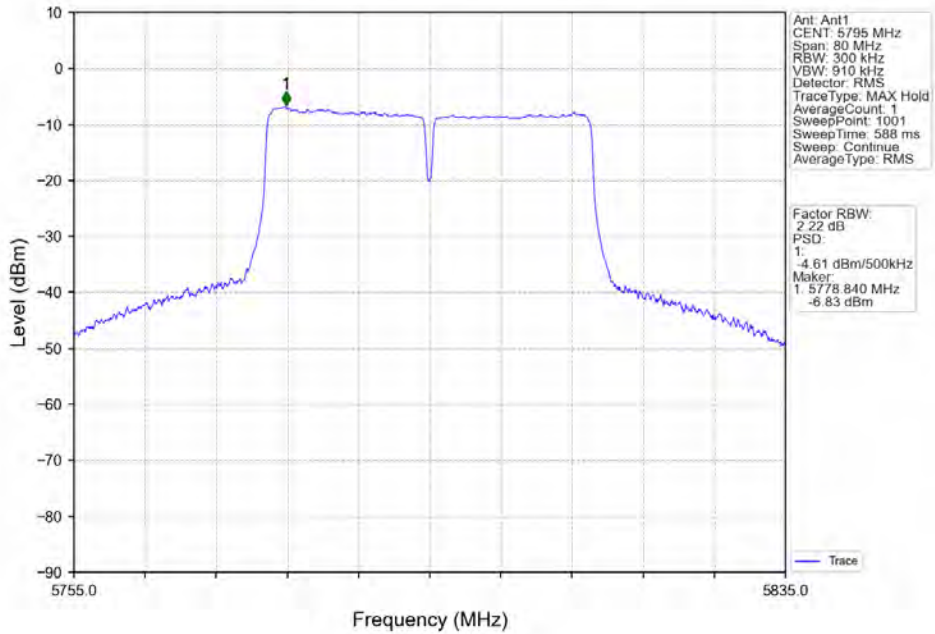
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



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

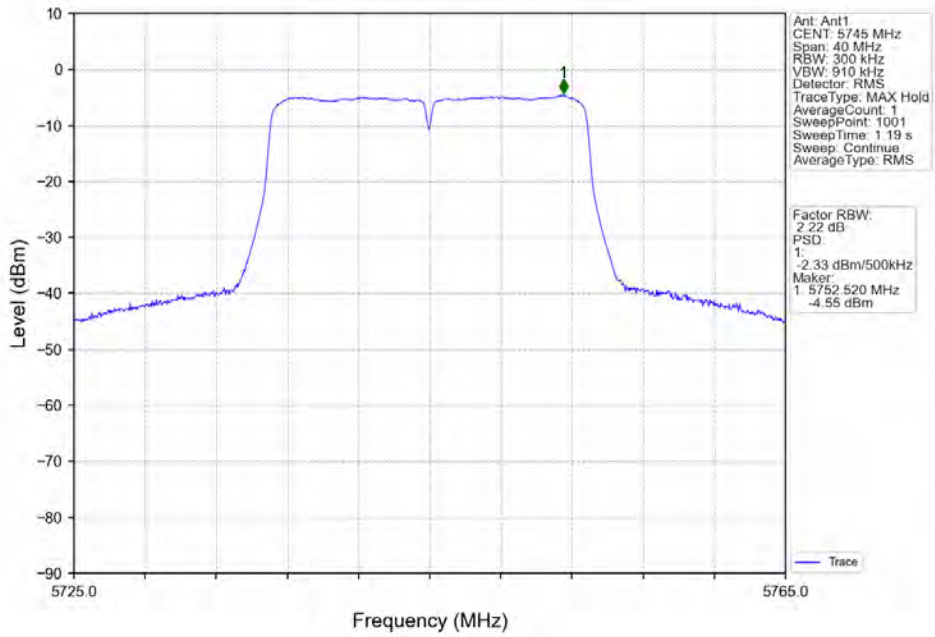


802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV

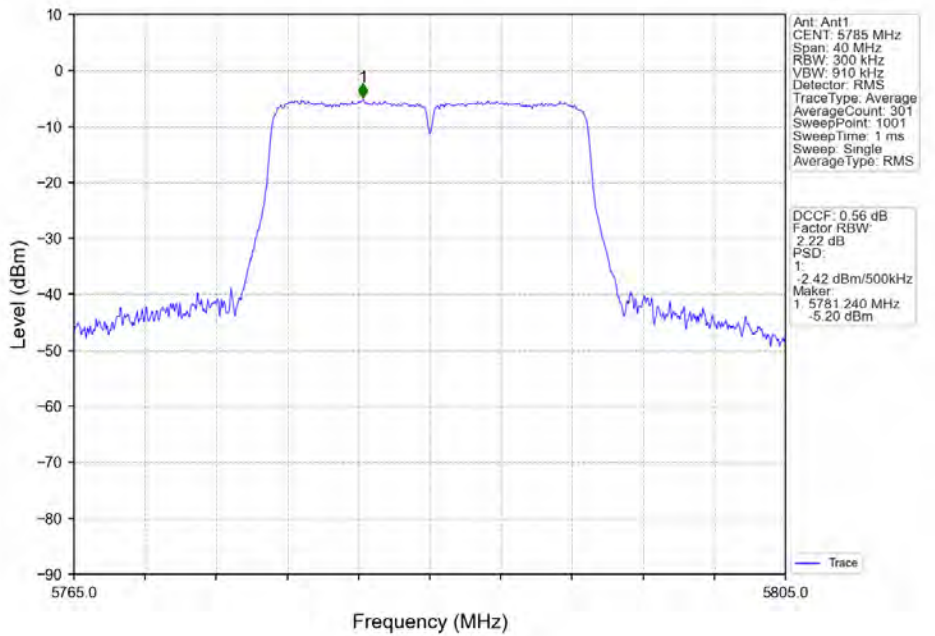




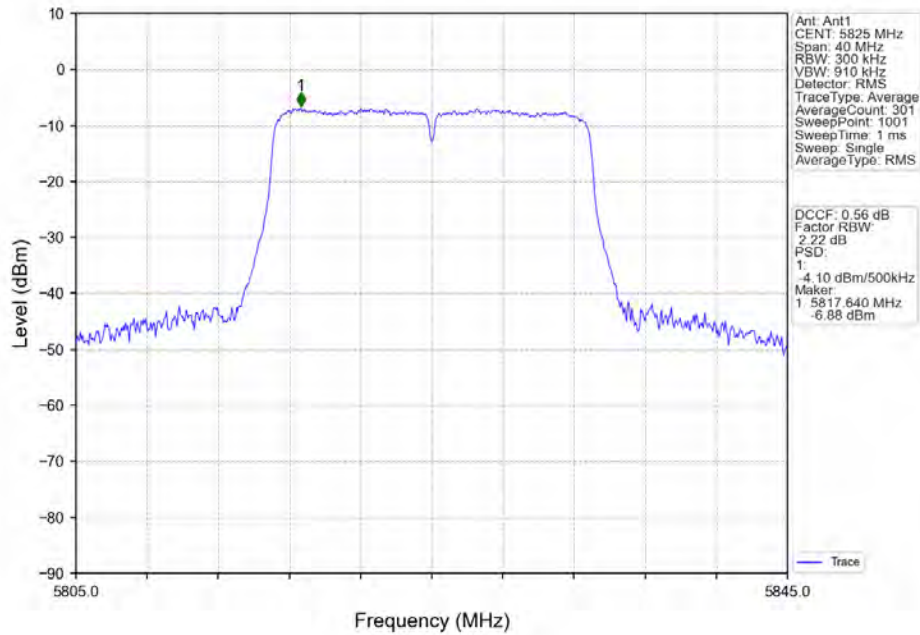
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



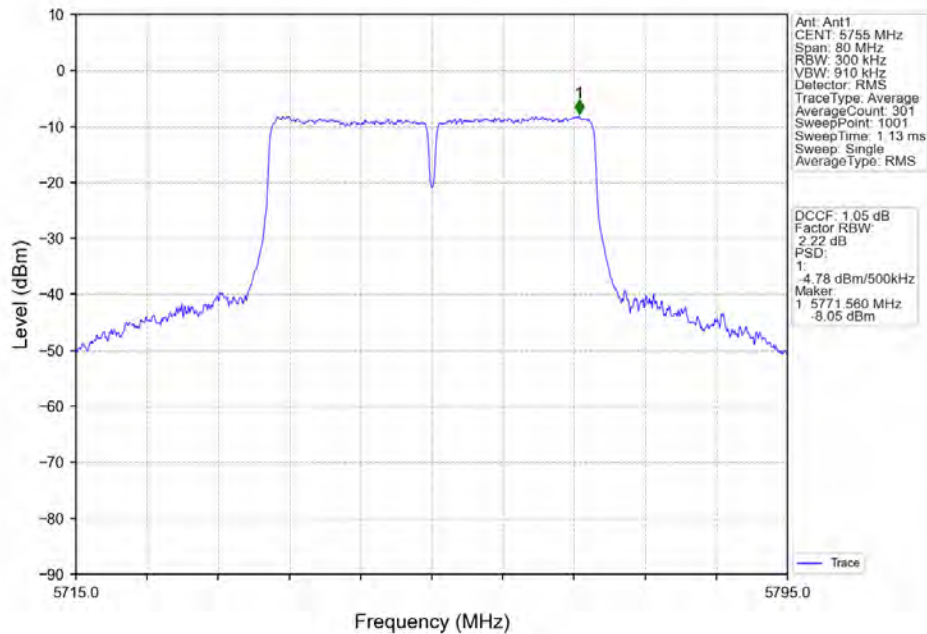
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



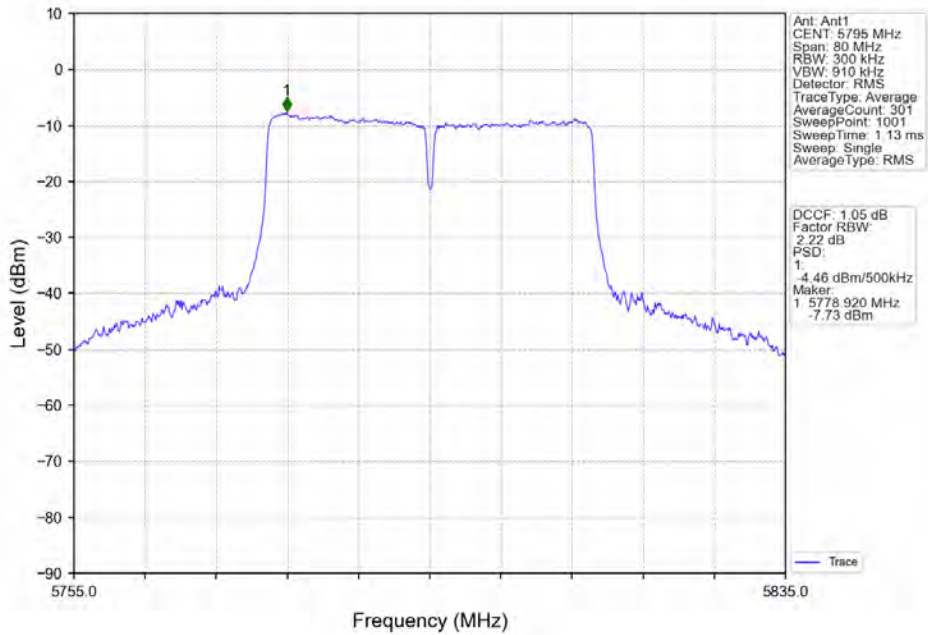
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



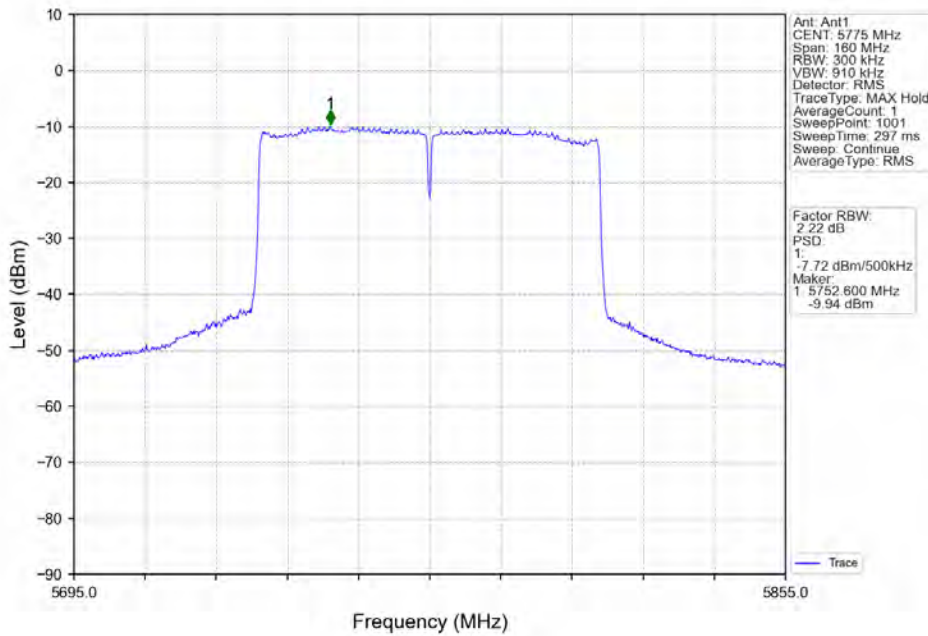
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



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



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



## 5. Frequency Stability

### 5.1 Test Result

#### 5.1.1 Ant1

Ant1									
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict		
Carrier Wave	SISO	5180	20	102	5179.967	5150 to 5250	Pass		
				120	5179.967	5150 to 5250	Pass		
				138	5179.966	5150 to 5250	Pass		
			5200	-30	120	5179.966	5150 to 5250	Pass	
					-20	120	5179.966	5150 to 5250	Pass
						-10	120	5179.966	5150 to 5250
				0			120	5179.966	5150 to 5250
					10		120	5179.965	5150 to 5250
						30	120	5179.965	5150 to 5250
		40		120			5179.965	5150 to 5250	Pass
				50	120		5179.965	5150 to 5250	Pass
					5240	20	102	5199.965	5150 to 5250
		120	5199.965				5150 to 5250	Pass	
		138	5199.965	5150 to 5250			Pass		
		5745	-30	120		5199.965	5150 to 5250	Pass	
				-20		120	5199.965	5150 to 5250	Pass
						-10	120	5199.965	5150 to 5250
			0				120	5199.965	5150 to 5250
				10			120	5199.965	5150 to 5250
						30	120	5199.965	5150 to 5250
			40		120		5199.964	5150 to 5250	Pass
				50	120		5199.964	5150 to 5250	Pass
					5785	20	102	5239.964	5150 to 5250
		120	5239.964				5150 to 5250	Pass	
		138	5239.963	5150 to 5250			Pass		
		5785	-30	120		5239.963	5150 to 5250	Pass	
				-20		120	5239.963	5150 to 5250	Pass
						-10	120	5239.963	5150 to 5250
			0				120	5239.963	5150 to 5250
				10			120	5239.963	5150 to 5250
						30	120	5239.963	5150 to 5250
			40		120		5239.963	5150 to 5250	Pass
				50	120		5239.963	5150 to 5250	Pass
					5785	20	102	5744.959	5725 to 5850
		120	5744.959				5725 to 5850	Pass	
		138	5744.959	5725 to 5850			Pass		
		5785	-30	120		5744.959	5725 to 5850	Pass	
				-20		120	5744.959	5725 to 5850	Pass
						-10	120	5744.959	5725 to 5850
			0				120	5744.959	5725 to 5850
				10			120	5744.959	5725 to 5850
						30	120	5744.959	5725 to 5850
40	120		5744.959		5725 to 5850		Pass		
	50		120	5744.959	5725 to 5850		Pass		
			5785	20	102	5784.959	5725 to 5850	Pass	



				120	5784.959	5725 to 5850	Pass
				138	5784.959	5725 to 5850	Pass
			-30	120	5784.959	5725 to 5850	Pass
			-20	120	5784.959	5725 to 5850	Pass
			-10	120	5784.959	5725 to 5850	Pass
			0	120	5784.959	5725 to 5850	Pass
			10	120	5784.959	5725 to 5850	Pass
			30	120	5784.959	5725 to 5850	Pass
			40	120	5784.959	5725 to 5850	Pass
			50	120	5784.959	5725 to 5850	Pass
		5825	20	102	5824.959	5725 to 5850	Pass
				120	5824.959	5725 to 5850	Pass
				138	5824.959	5725 to 5850	Pass
			-30	120	5824.959	5725 to 5850	Pass
			-20	120	5824.958	5725 to 5850	Pass
			-10	120	5824.958	5725 to 5850	Pass
			0	120	5824.958	5725 to 5850	Pass
			10	120	5824.958	5725 to 5850	Pass
			30	120	5824.958	5725 to 5850	Pass
			40	120	5824.958	5725 to 5850	Pass
		50	120	5824.958	5725 to 5850	Pass	
		5190	20	102	5189.963	5150 to 5250	Pass
				120	5189.963	5150 to 5250	Pass
				138	5189.963	5150 to 5250	Pass
			-30	120	5189.963	5150 to 5250	Pass
			-20	120	5189.963	5150 to 5250	Pass
			-10	120	5189.963	5150 to 5250	Pass
			0	120	5189.963	5150 to 5250	Pass
			10	120	5189.962	5150 to 5250	Pass
			30	120	5189.962	5150 to 5250	Pass
			40	120	5189.962	5150 to 5250	Pass
		50	120	5189.962	5150 to 5250	Pass	
		5230	20	102	5229.961	5150 to 5250	Pass
				120	5229.961	5150 to 5250	Pass
				138	5229.961	5150 to 5250	Pass
			-30	120	5229.961	5150 to 5250	Pass
			-20	120	5229.961	5150 to 5250	Pass
			-10	120	5229.961	5150 to 5250	Pass
			0	120	5229.961	5150 to 5250	Pass
			10	120	5229.961	5150 to 5250	Pass
			30	120	5229.961	5150 to 5250	Pass
			40	120	5229.961	5150 to 5250	Pass
		50	120	5229.961	5150 to 5250	Pass	
		5755	20	102	5754.958	5725 to 5850	Pass
				120	5754.958	5725 to 5850	Pass
				138	5754.958	5725 to 5850	Pass
			-30	120	5754.958	5725 to 5850	Pass
			-20	120	5754.958	5725 to 5850	Pass
			-10	120	5754.958	5725 to 5850	Pass
			0	120	5754.958	5725 to 5850	Pass
			10	120	5754.958	5725 to 5850	Pass
			30	120	5754.958	5725 to 5850	Pass
			40	120	5754.958	5725 to 5850	Pass
		50	120	5754.958	5725 to 5850	Pass	
		5795	20	102	5794.958	5725 to 5850	Pass
				120	5794.958	5725 to 5850	Pass
				138	5794.958	5725 to 5850	Pass
				-30	120	5794.958	5725 to 5850

			-20	120	5794.958	5725 to 5850	Pass
			-10	120	5794.958	5725 to 5850	Pass
			0	120	5794.958	5725 to 5850	Pass
			10	120	5794.958	5725 to 5850	Pass
			30	120	5794.958	5725 to 5850	Pass
			40	120	5794.958	5725 to 5850	Pass
			50	120	5794.958	5725 to 5850	Pass
		5210	20	102	5209.962	5150 to 5250	Pass
				120	5209.962	5150 to 5250	Pass
				138	5209.962	5150 to 5250	Pass
			-30	120	5209.962	5150 to 5250	Pass
			-20	120	5209.962	5150 to 5250	Pass
			-10	120	5209.962	5150 to 5250	Pass
			0	120	5209.962	5150 to 5250	Pass
			10	120	5209.961	5150 to 5250	Pass
			30	120	5209.961	5150 to 5250	Pass
			40	120	5209.961	5150 to 5250	Pass
		50	120	5209.961	5150 to 5250	Pass	
		5775	20	102	5774.957	5725 to 5850	Pass
				120	5774.957	5725 to 5850	Pass
				138	5774.957	5725 to 5850	Pass
			-30	120	5774.957	5725 to 5850	Pass
			-20	120	5774.957	5725 to 5850	Pass
			-10	120	5774.957	5725 to 5850	Pass
			0	120	5774.957	5725 to 5850	Pass
			10	120	5774.957	5725 to 5850	Pass
			30	120	5774.957	5725 to 5850	Pass
			40	120	5774.957	5725 to 5850	Pass
		50	120	5774.957	5725 to 5850	Pass	

## 6. Form731

### 6.1 Test Result

#### 6.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
5180	5240	0.0187	12.71
5745	5825	0.0161	12.06
5190	5230	0.0197	12.94
5755	5795	0.0177	12.48
5210	5210	0.0180	12.55