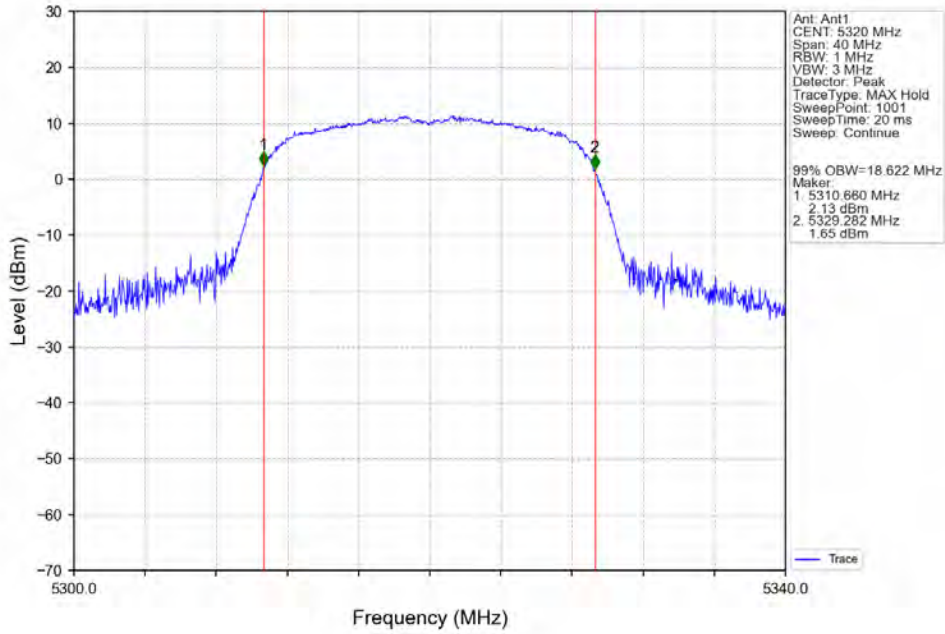
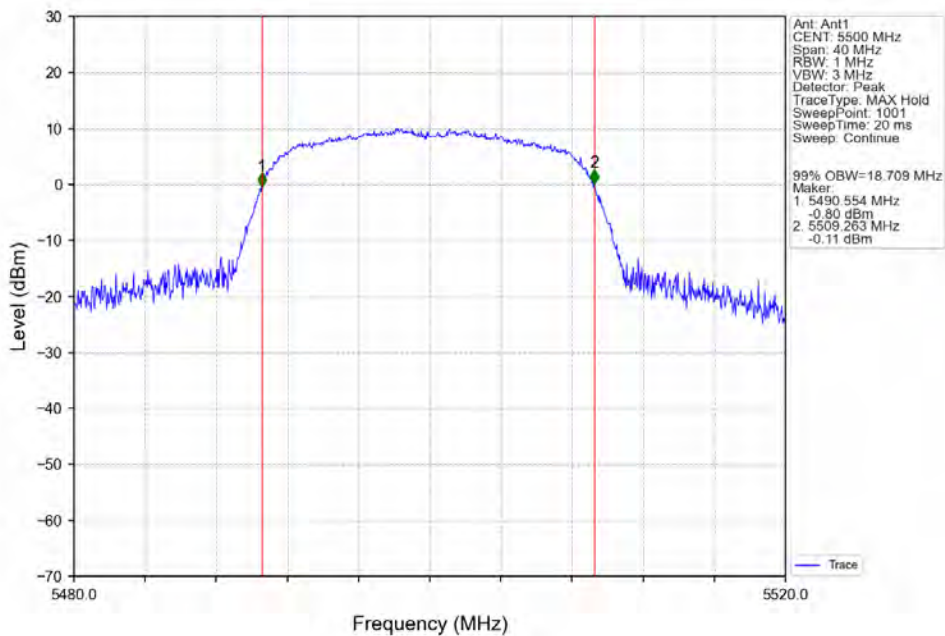


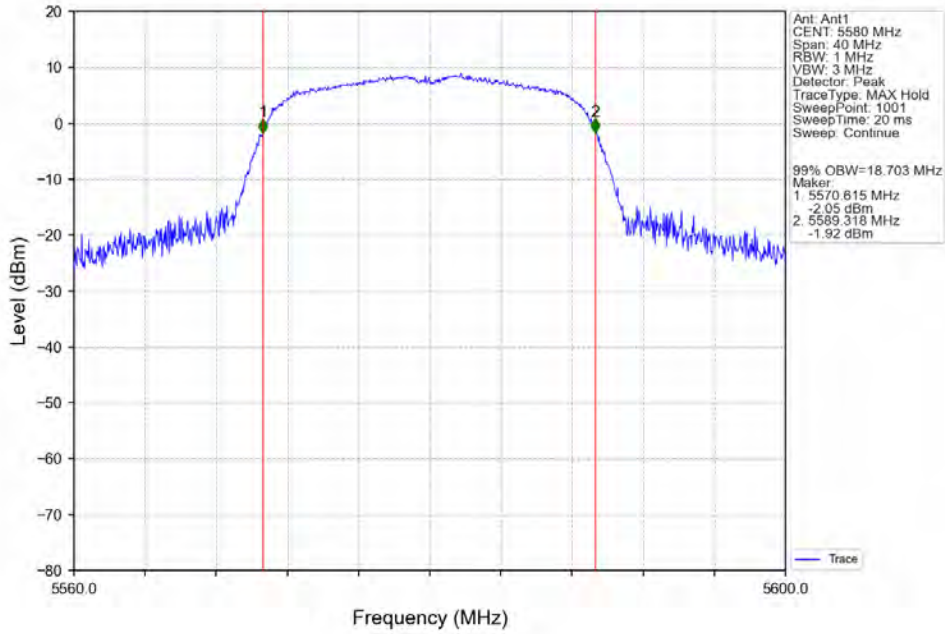
802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



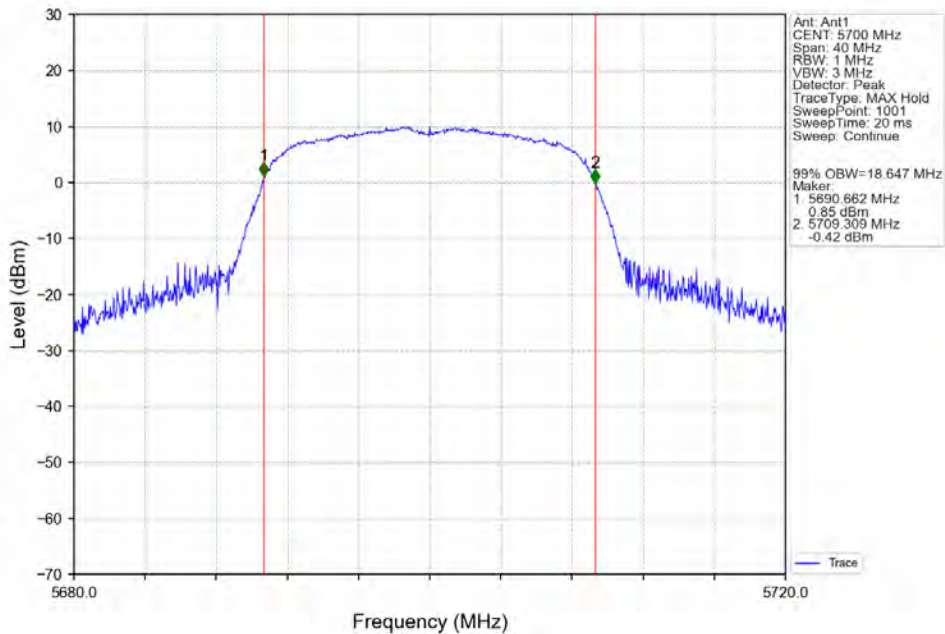
802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



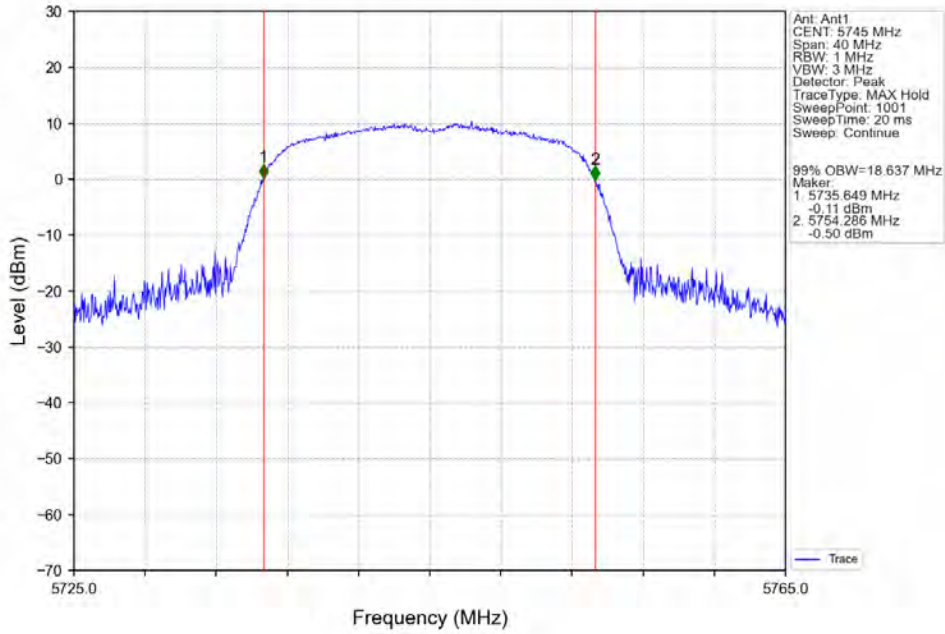
802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



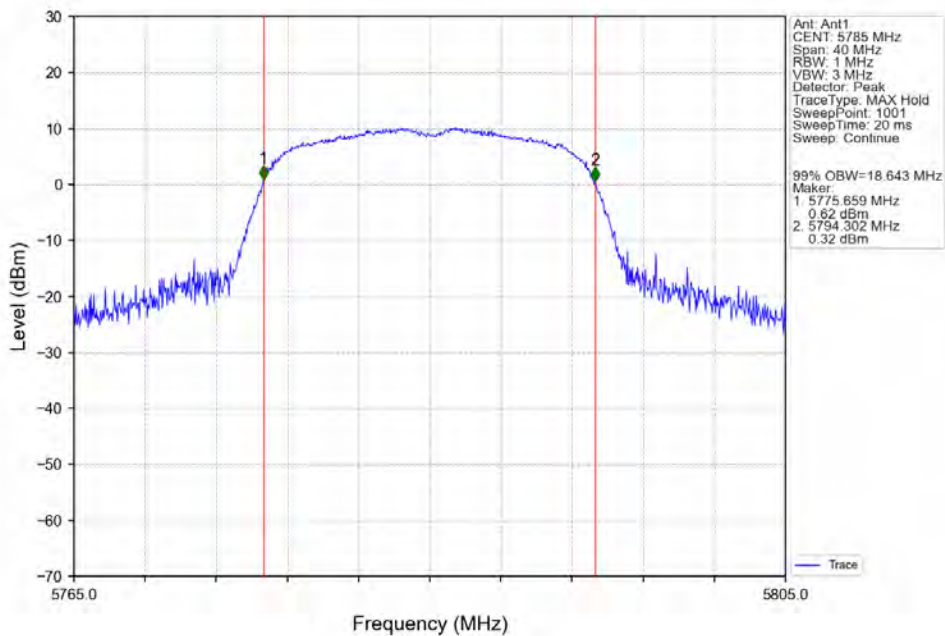
802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



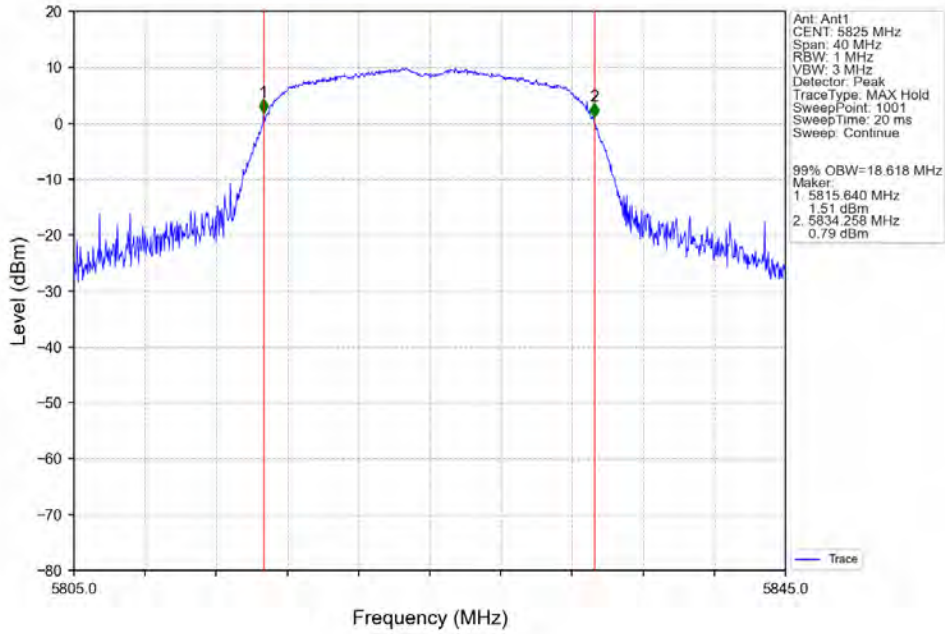
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



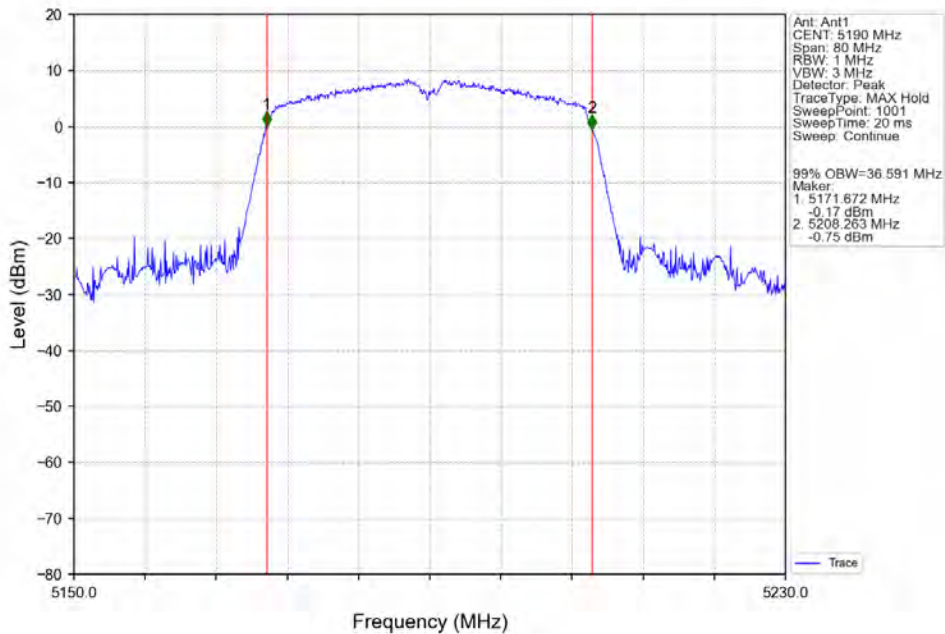
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



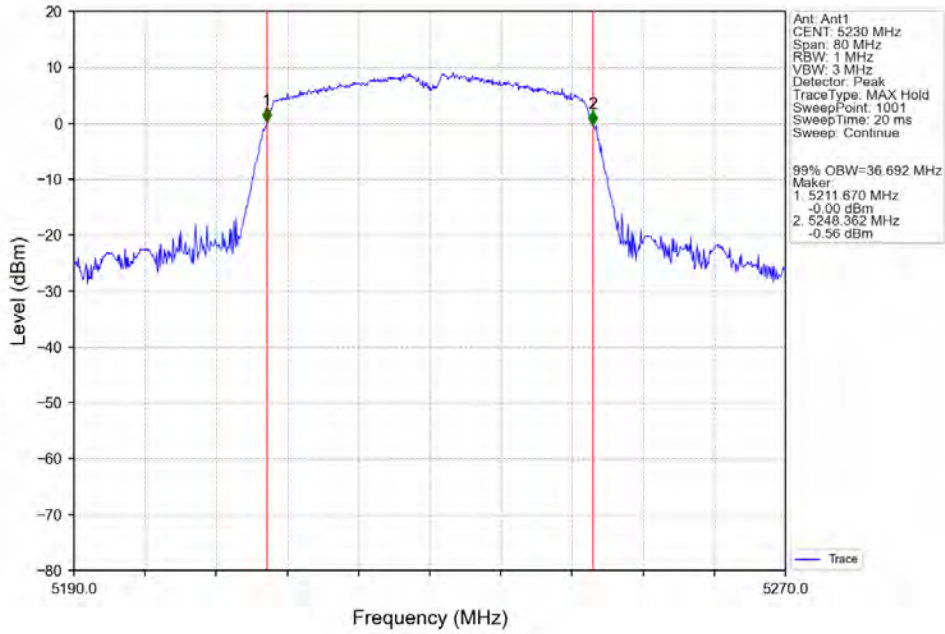
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



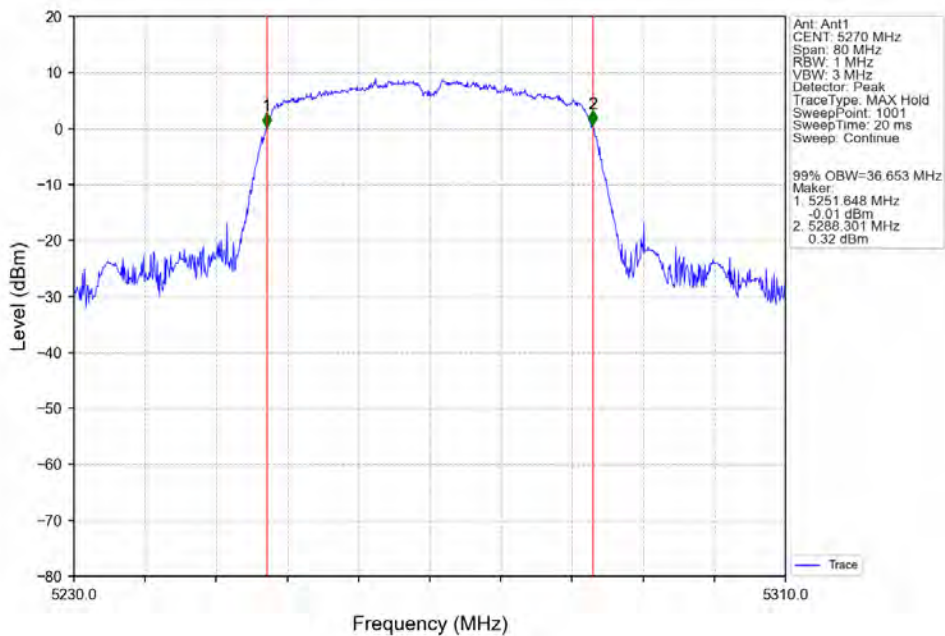
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



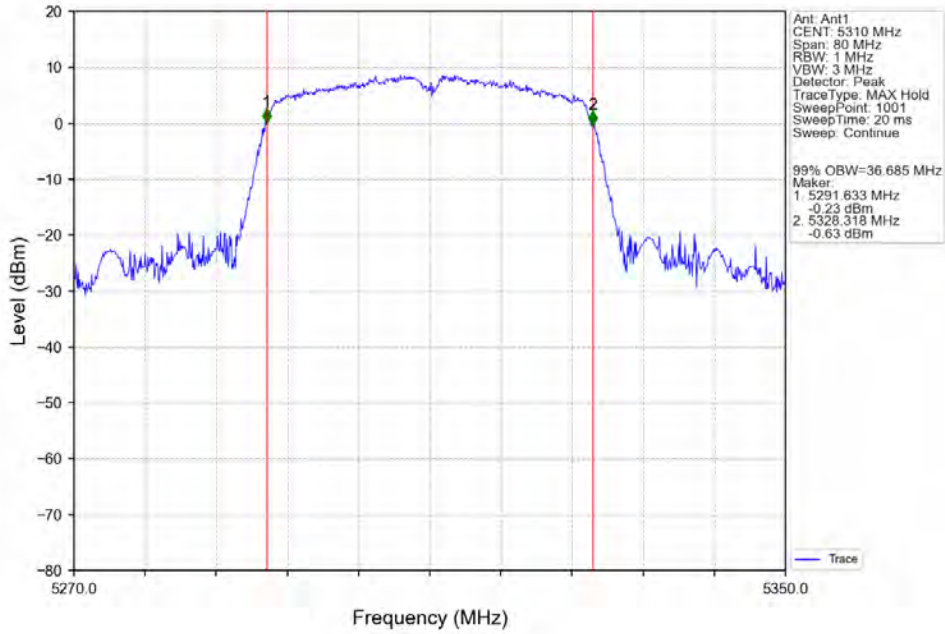
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



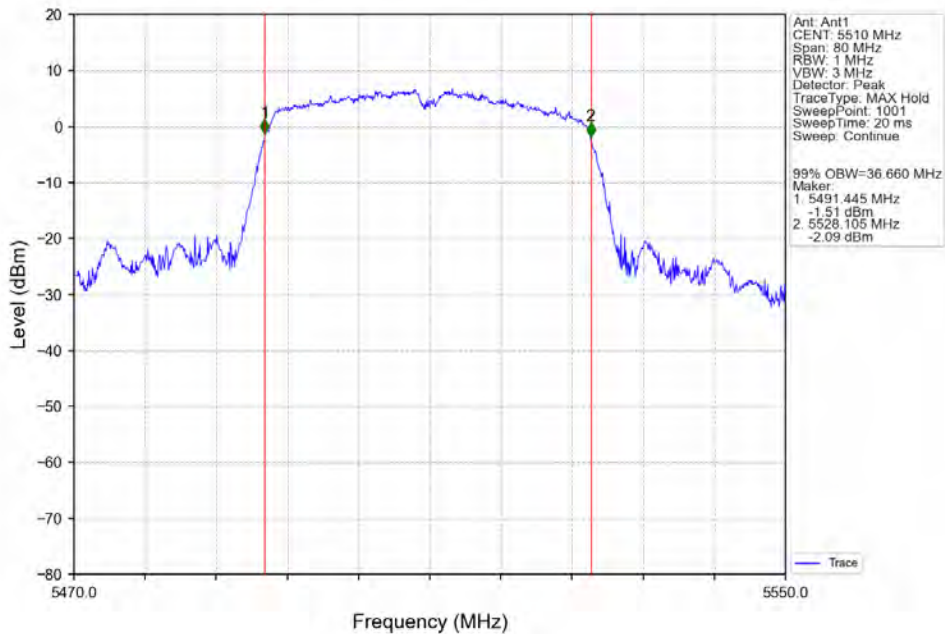
802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



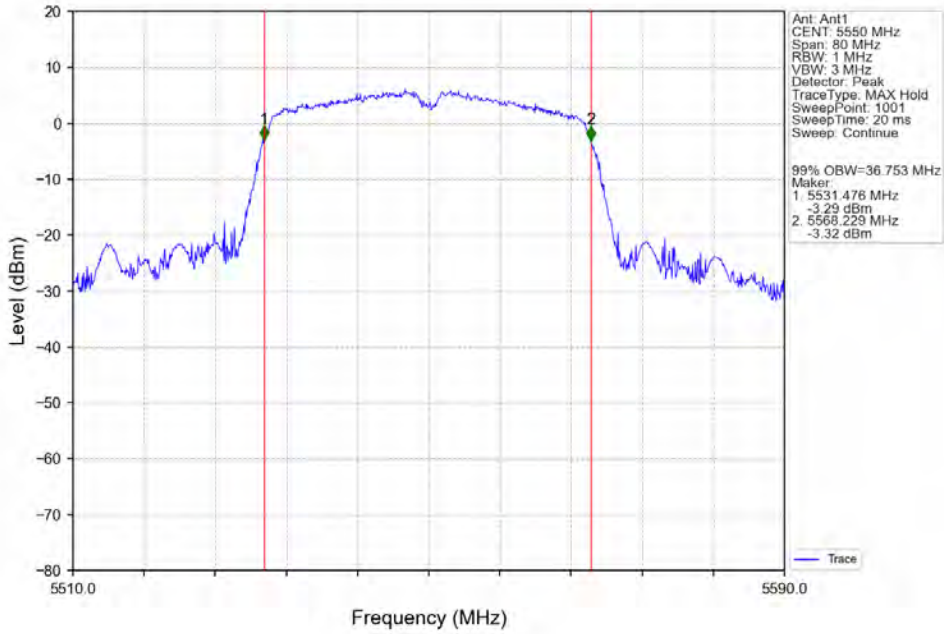
802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



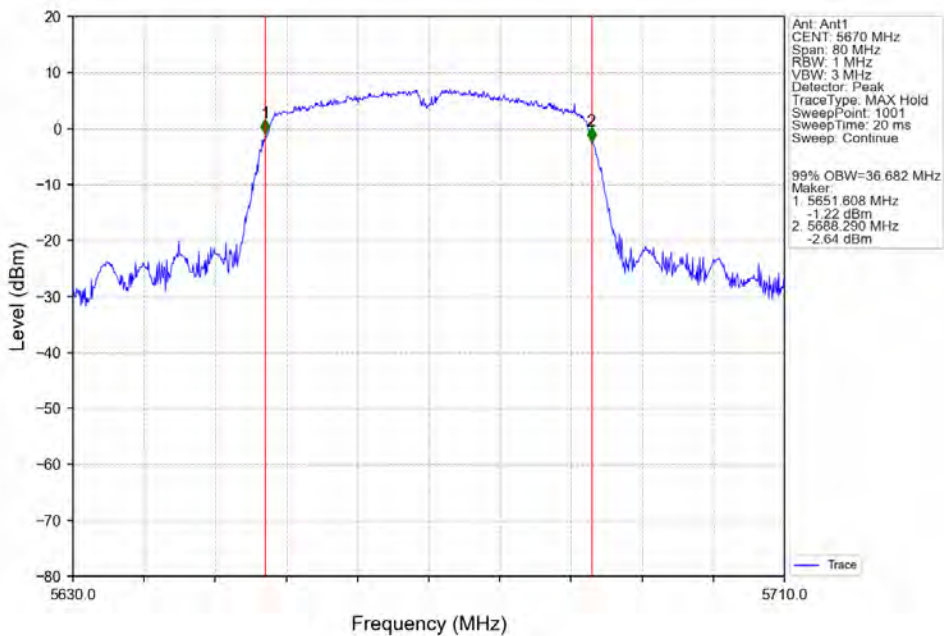
802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



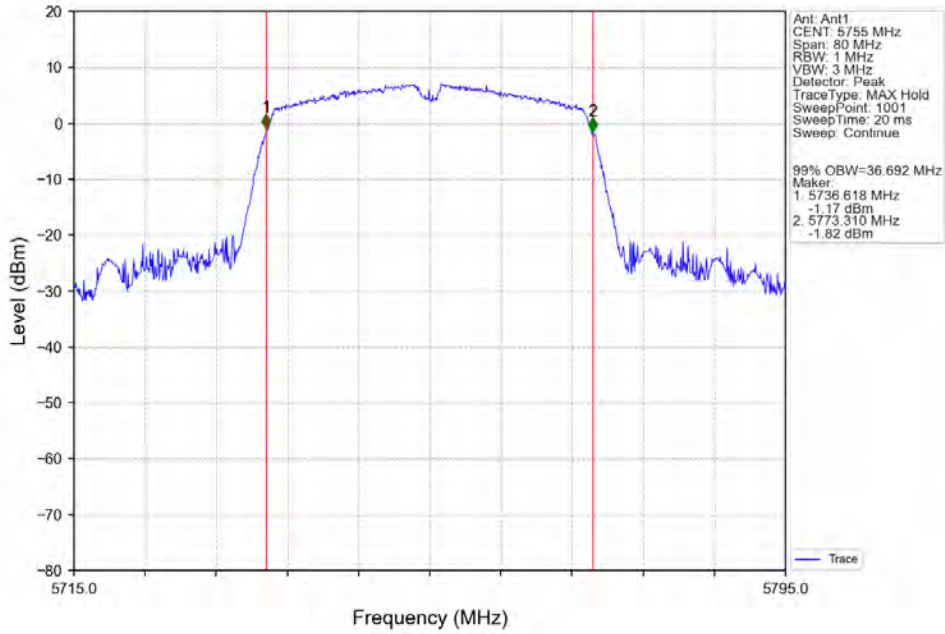
802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



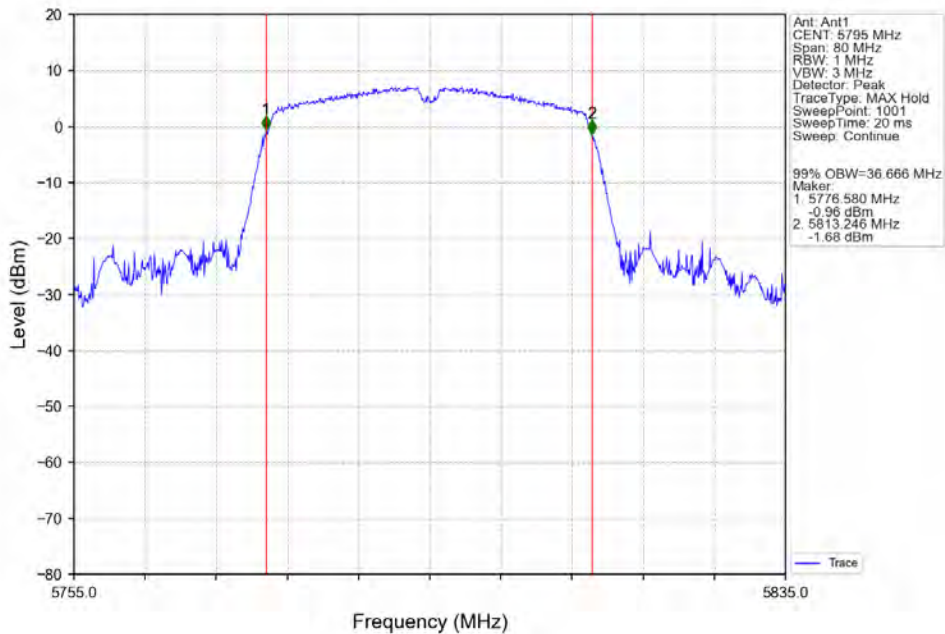
802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



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

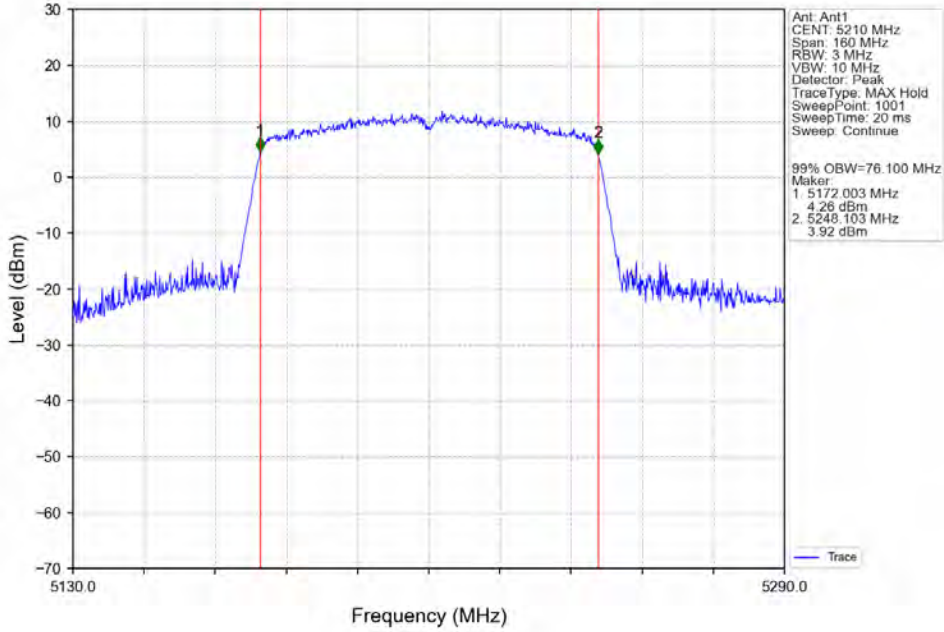


802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV

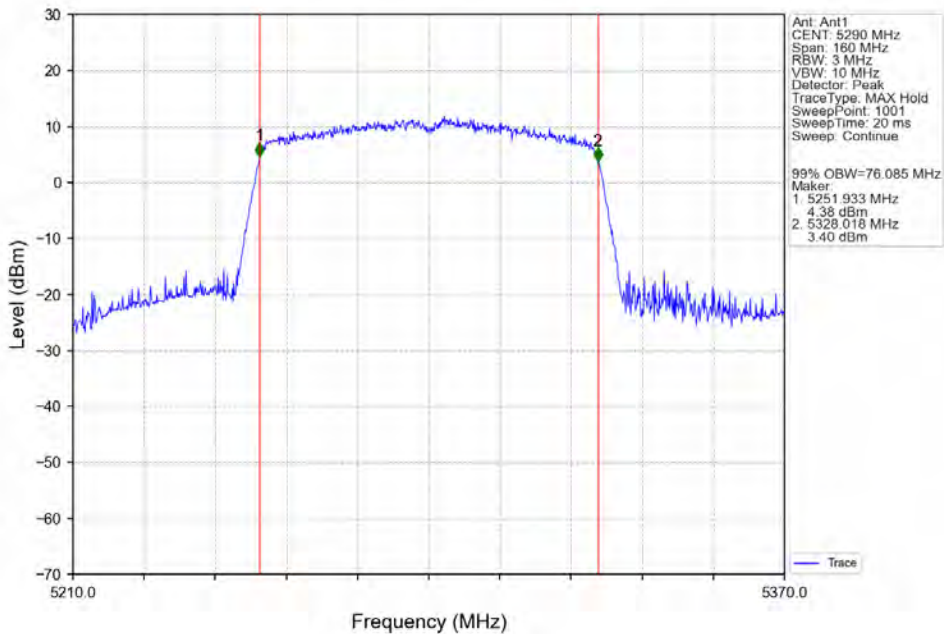




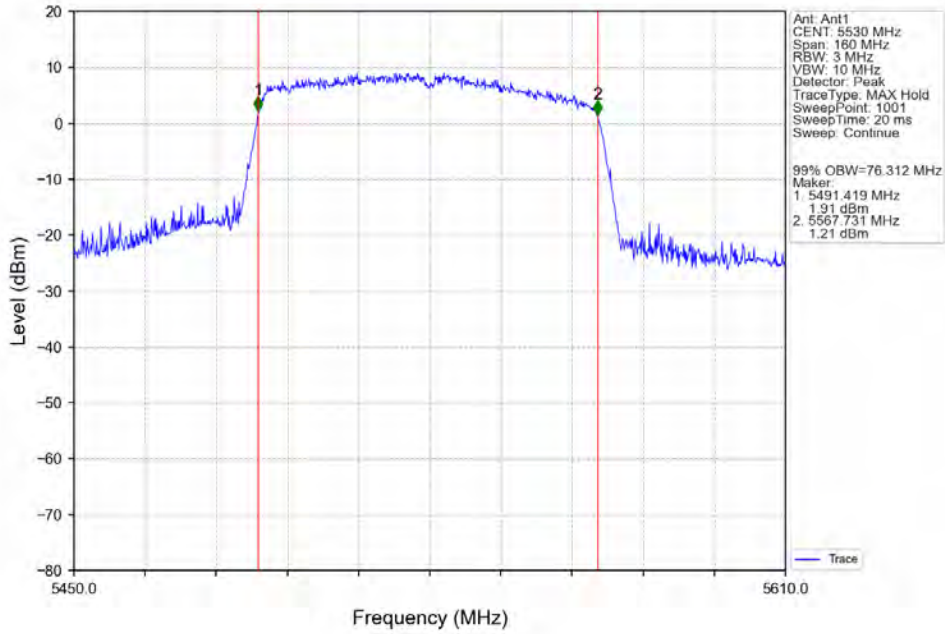
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



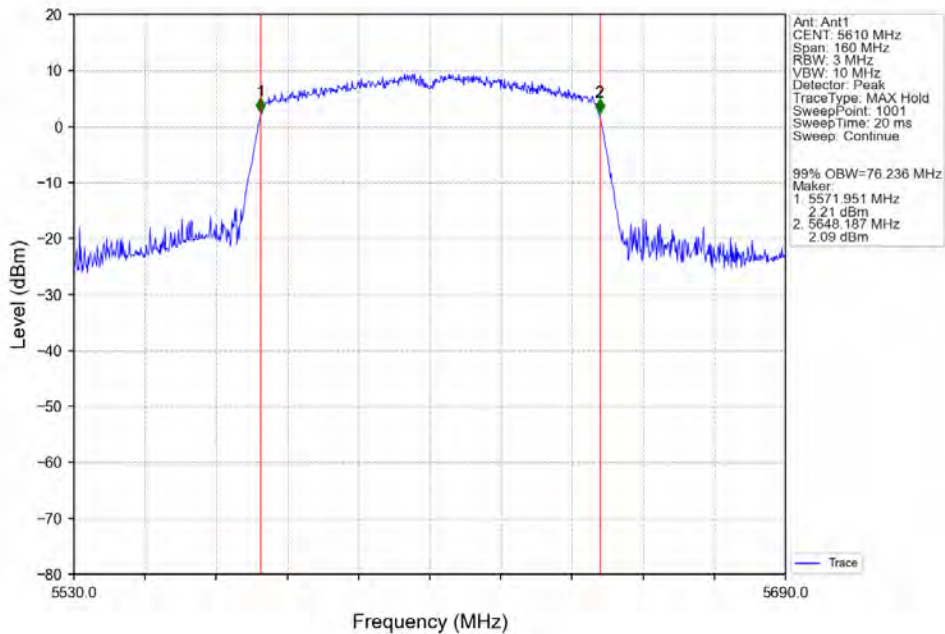
802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



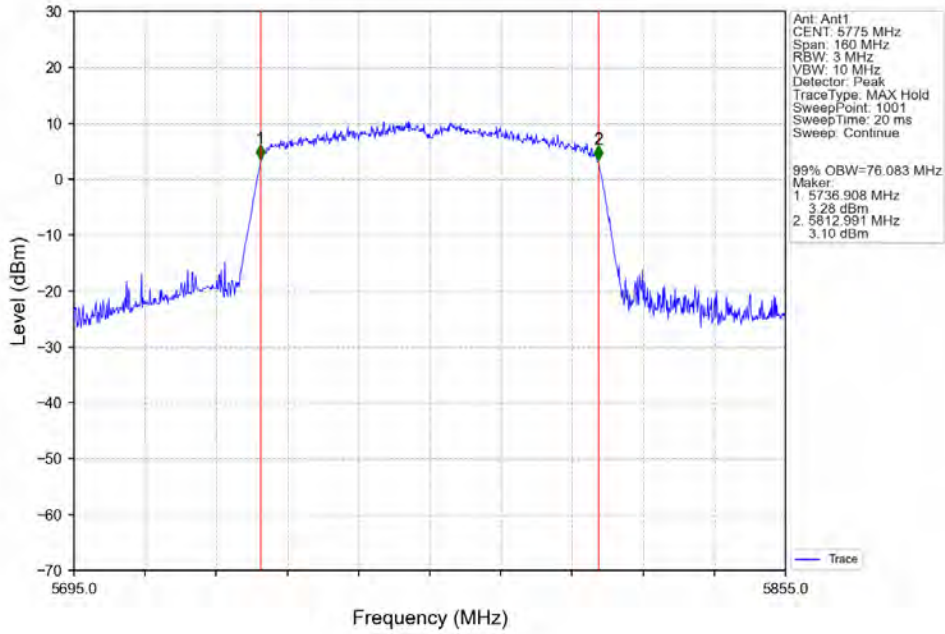
802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



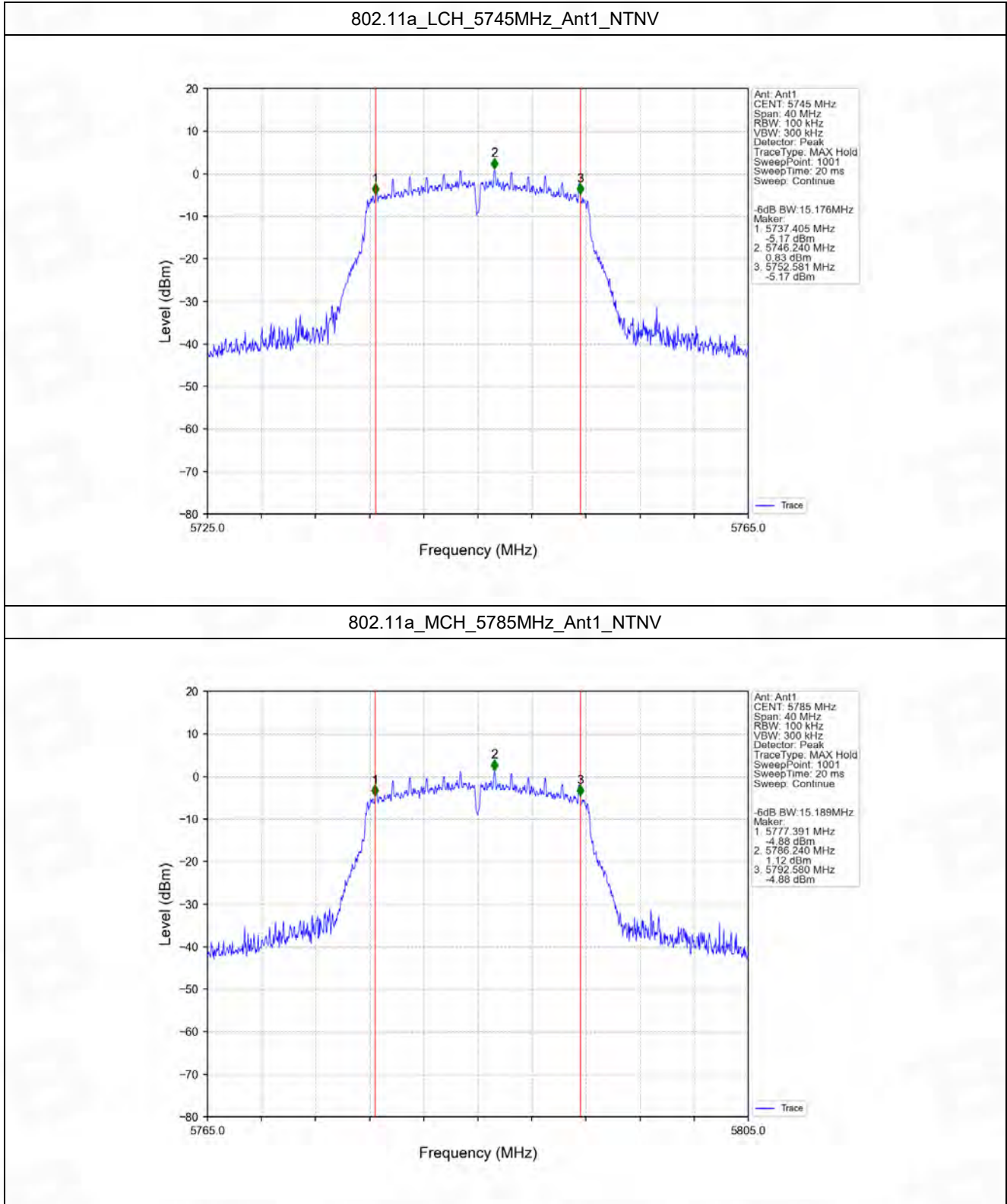
802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



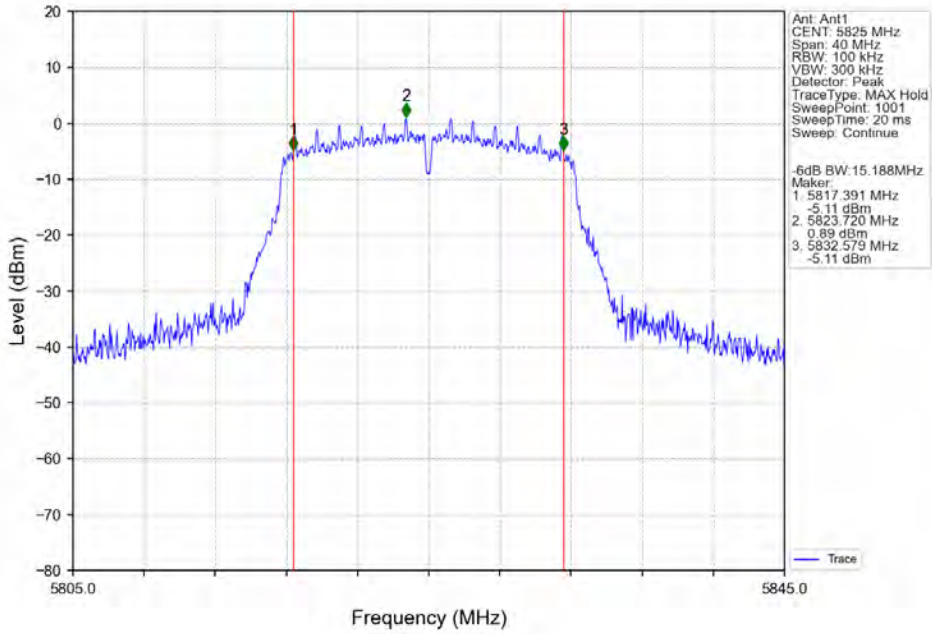
802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



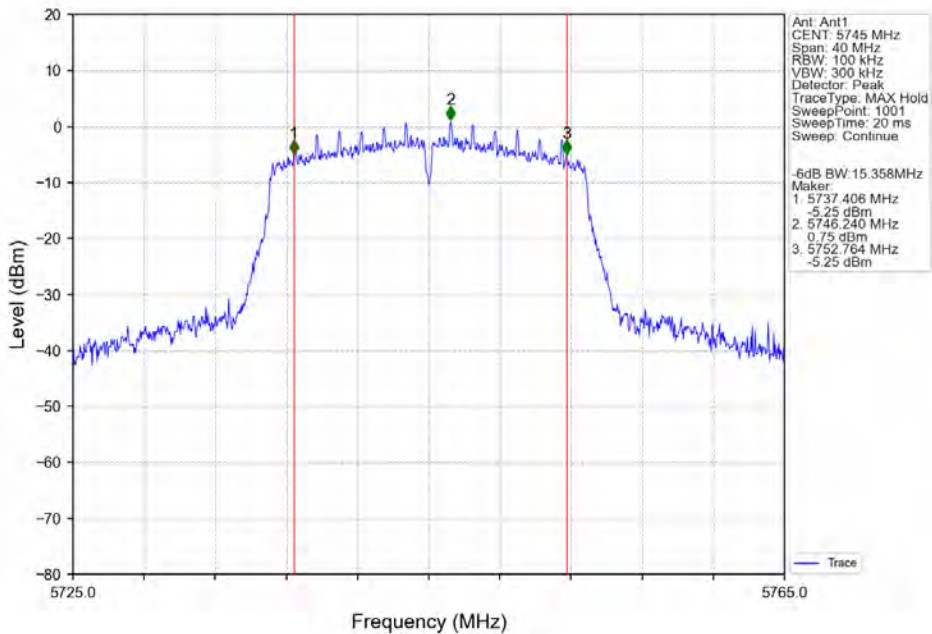
### 2.2.2 6dB BW



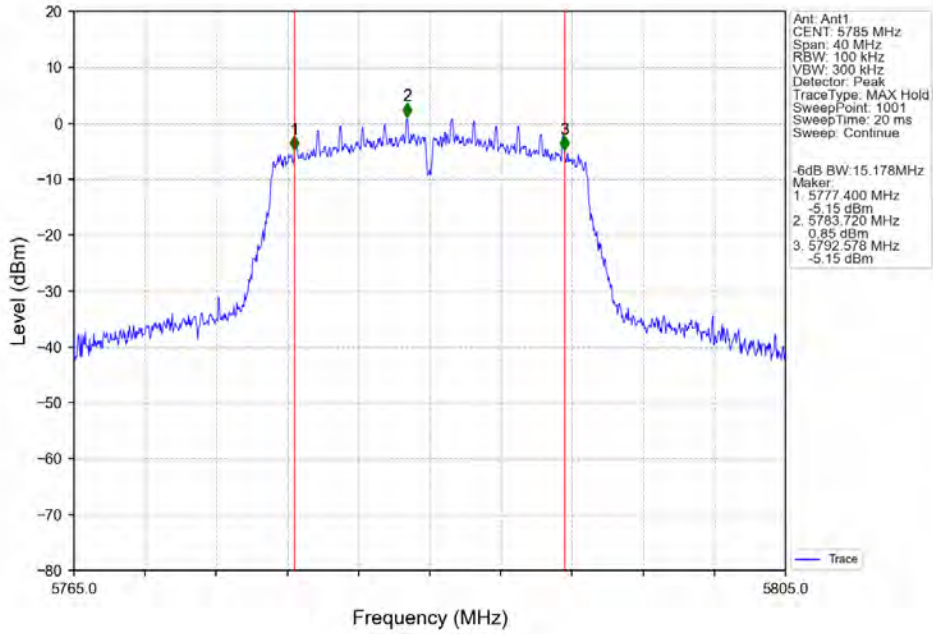
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



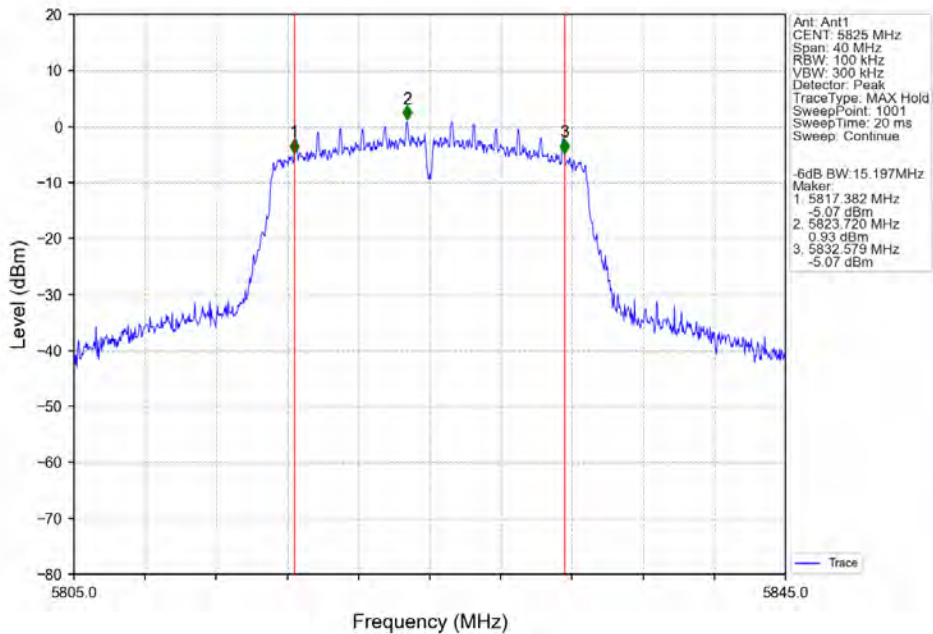
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



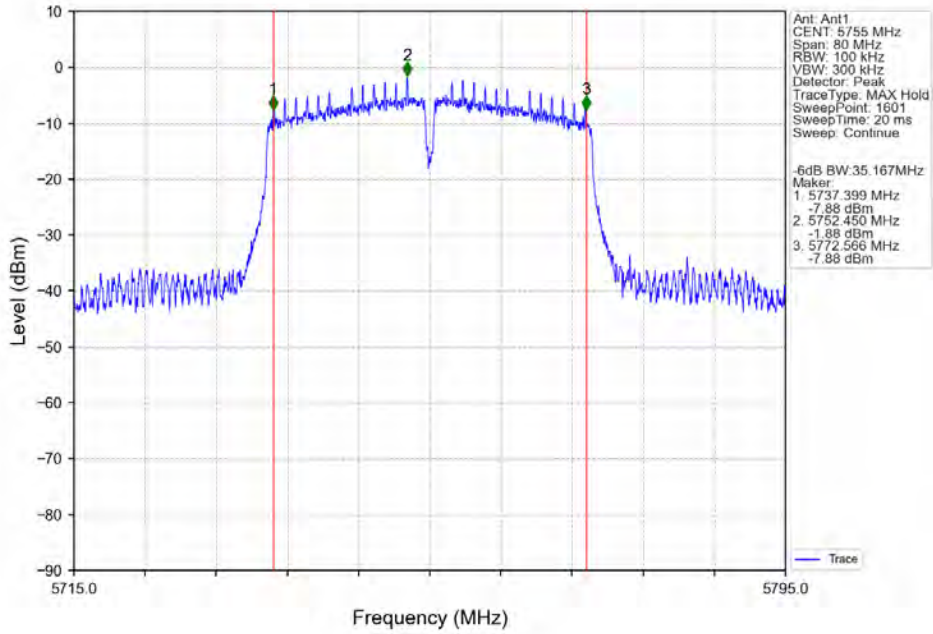
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



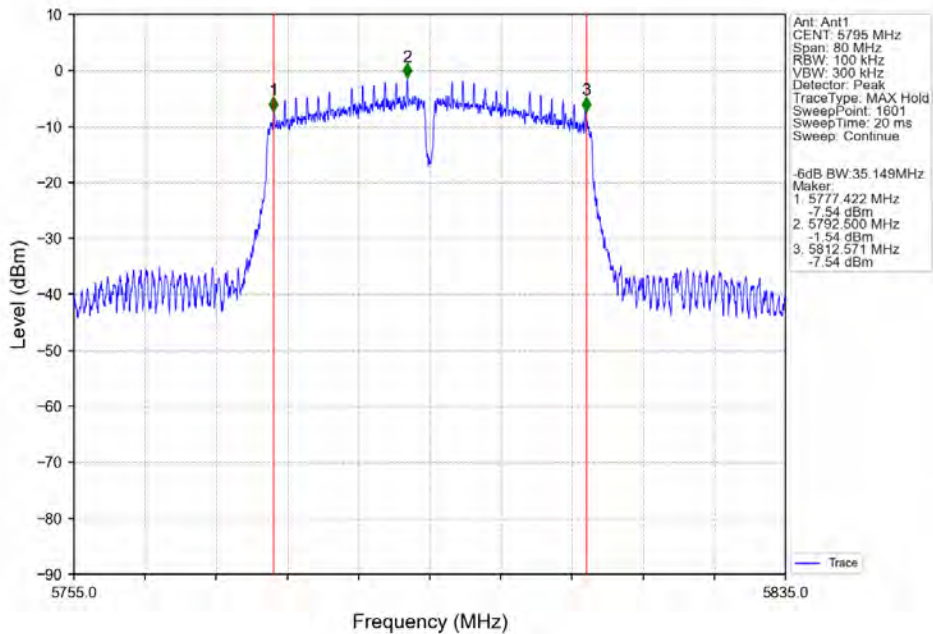
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



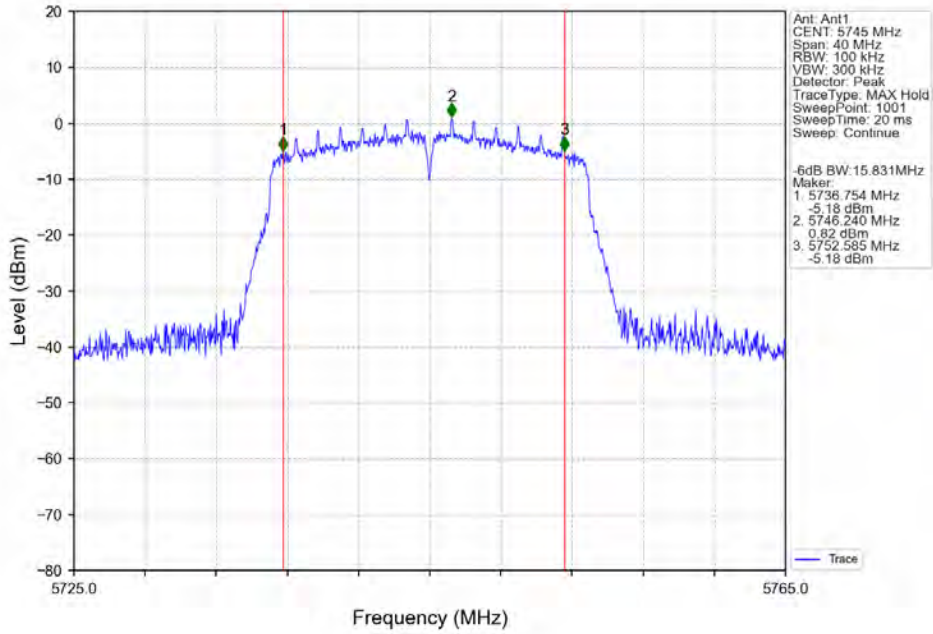
802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



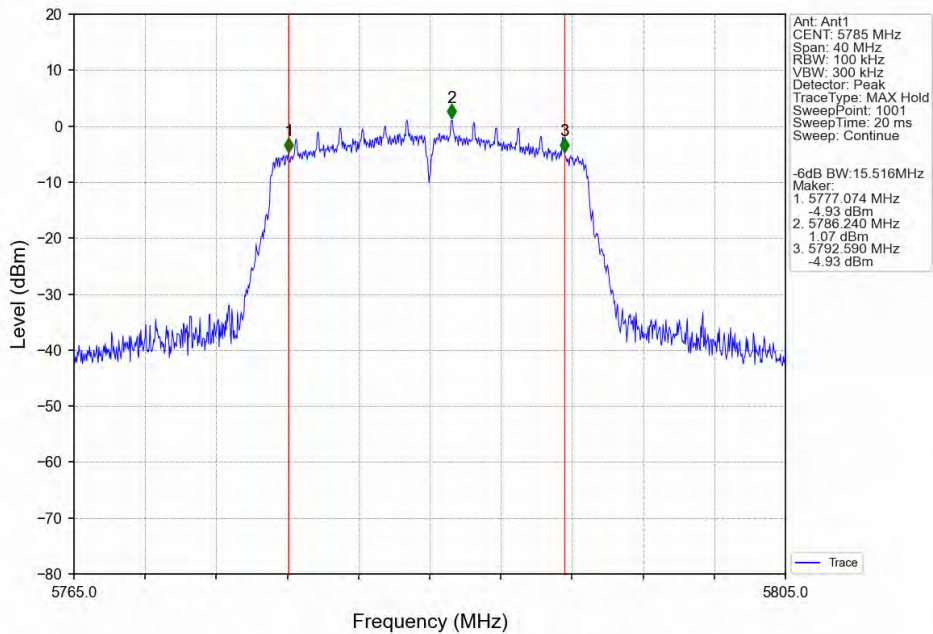
802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



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

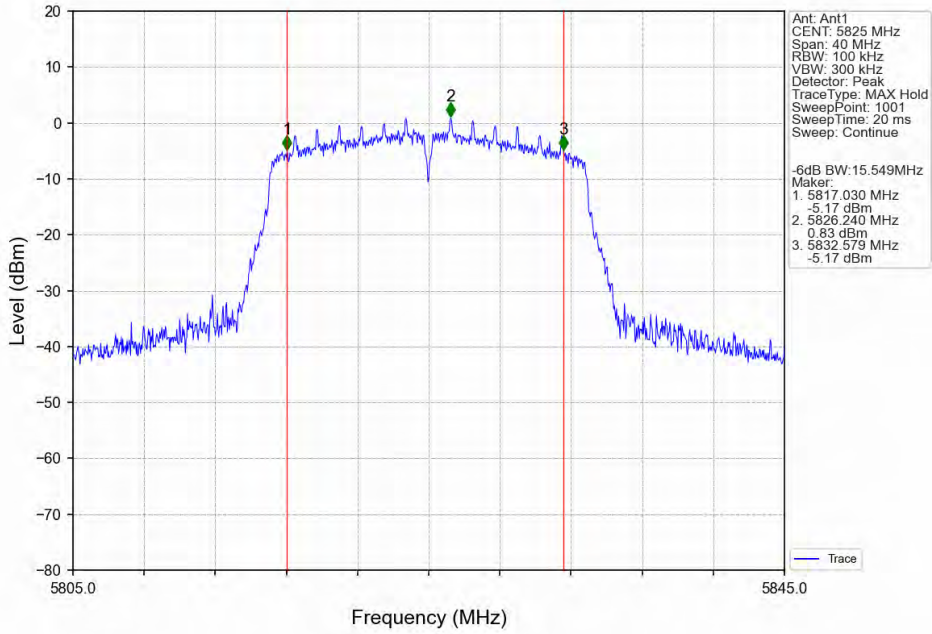


802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV

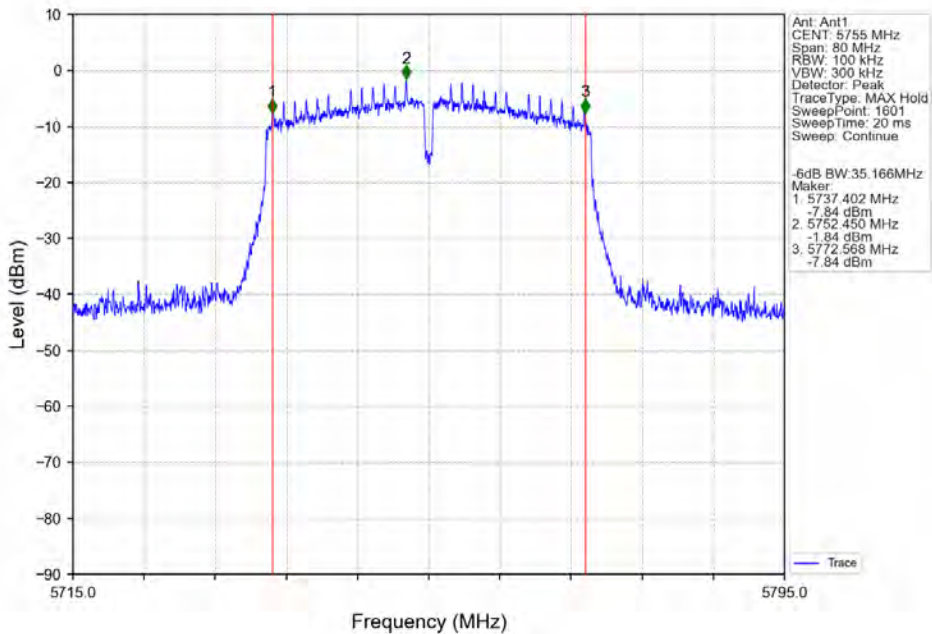




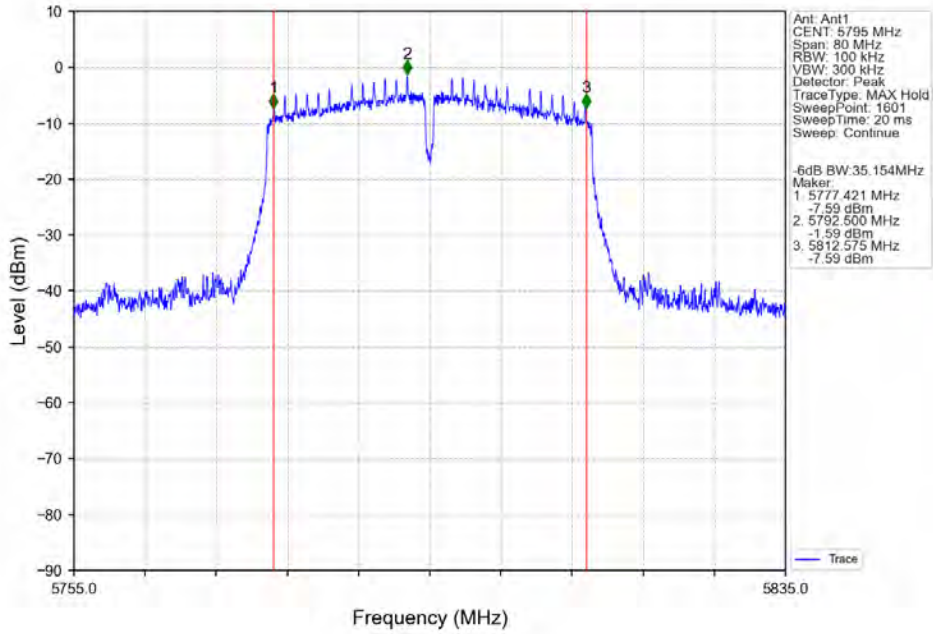
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



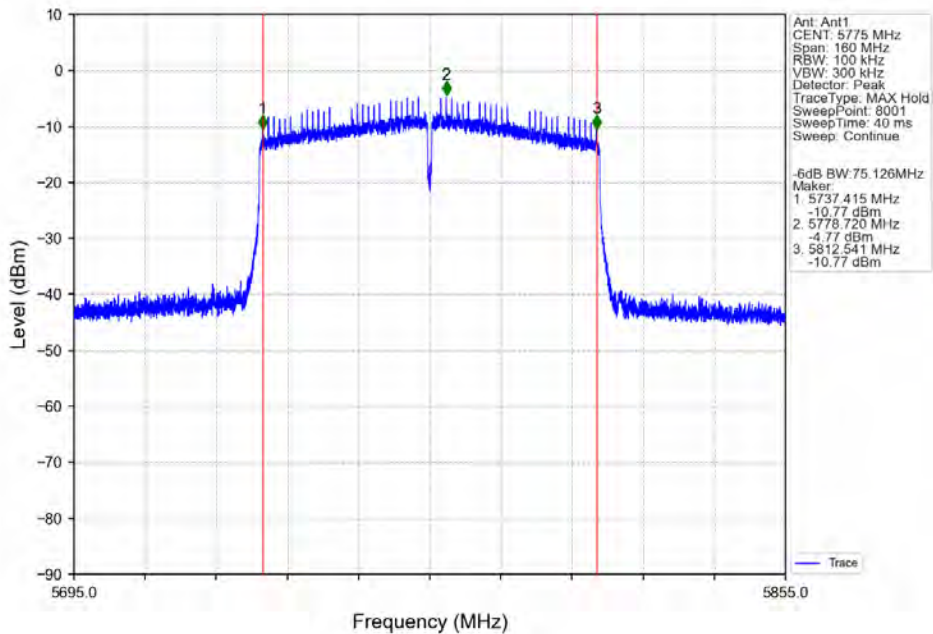
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



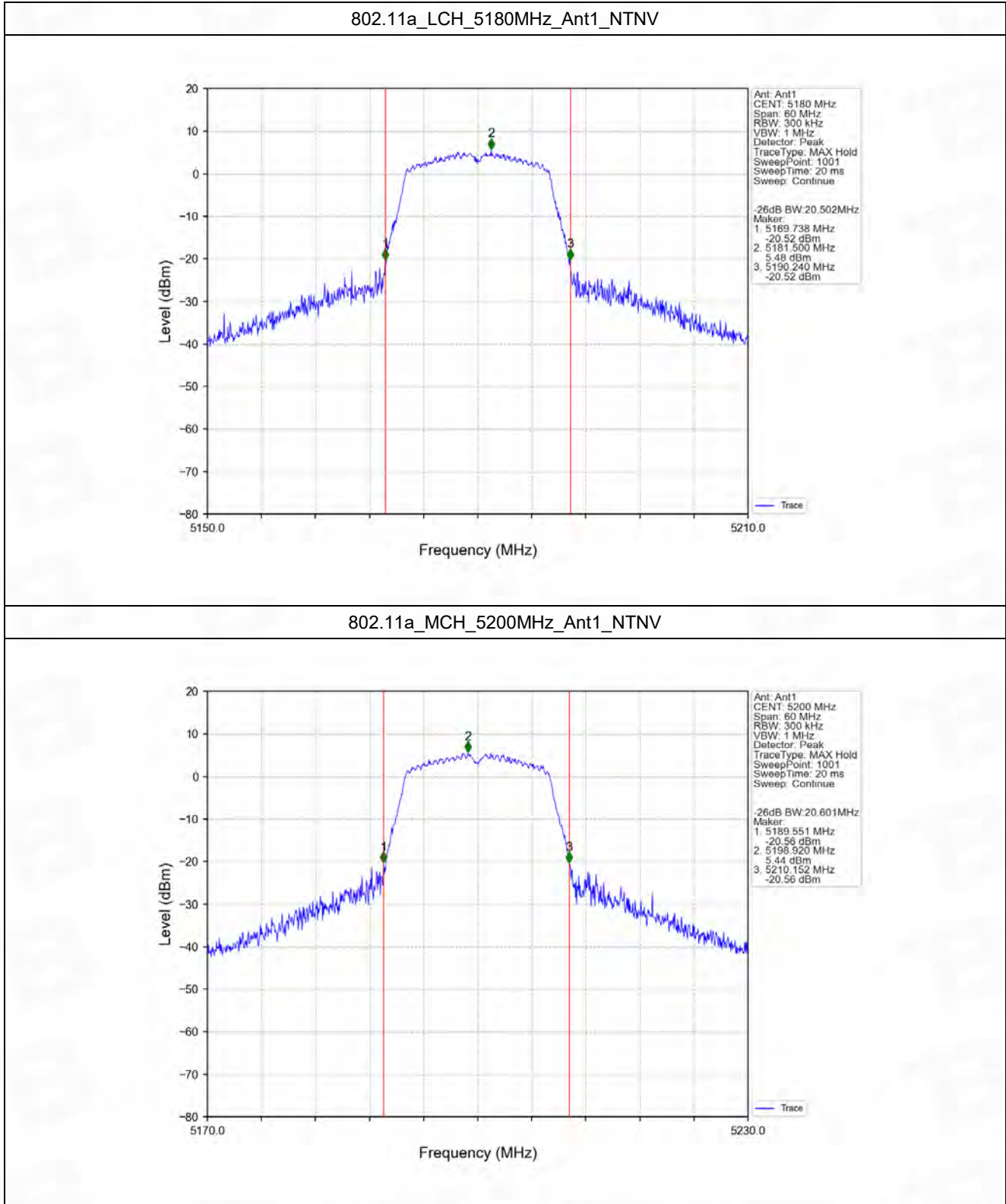
802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



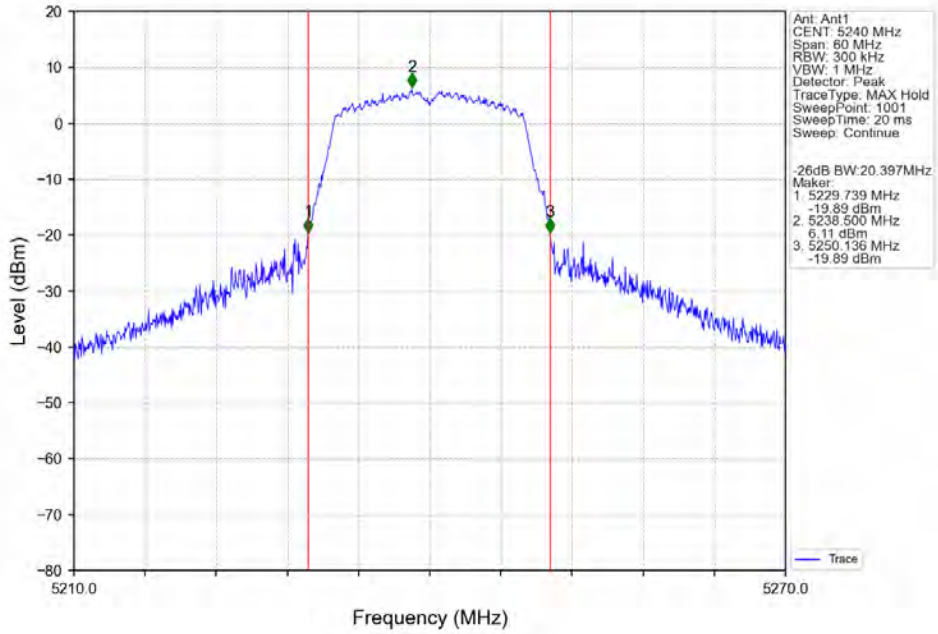
802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



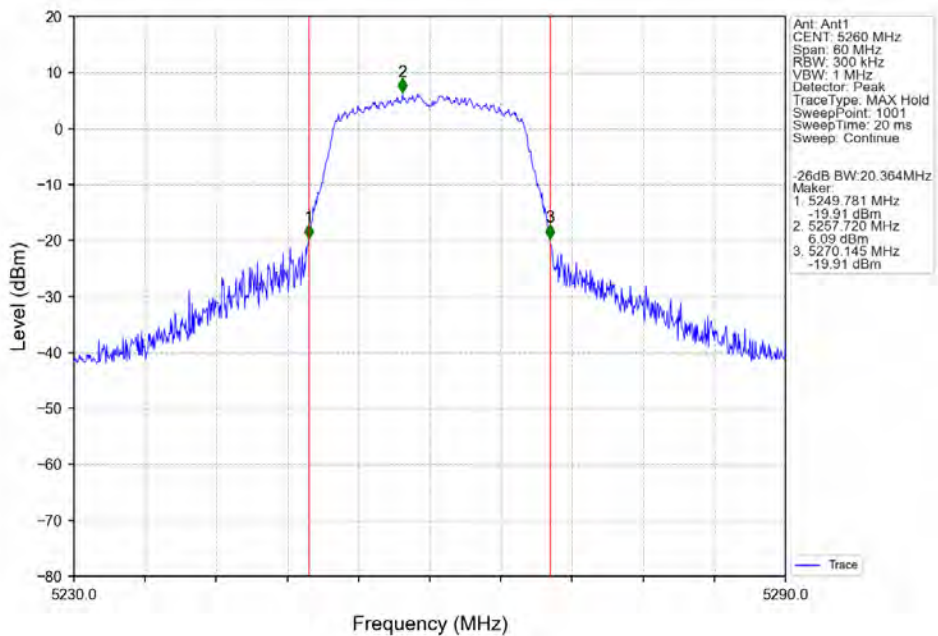
2.2.3 26dB BW



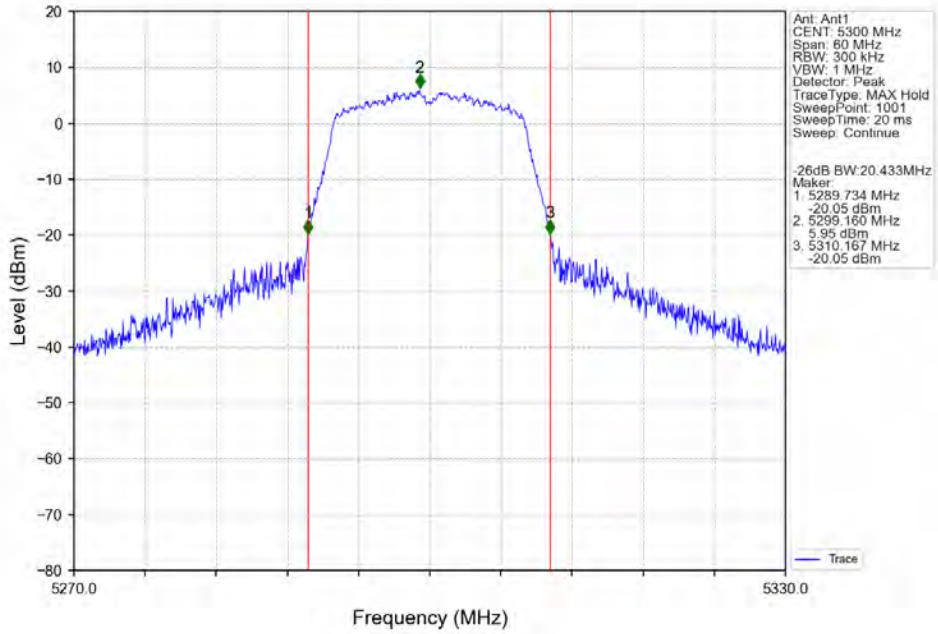
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



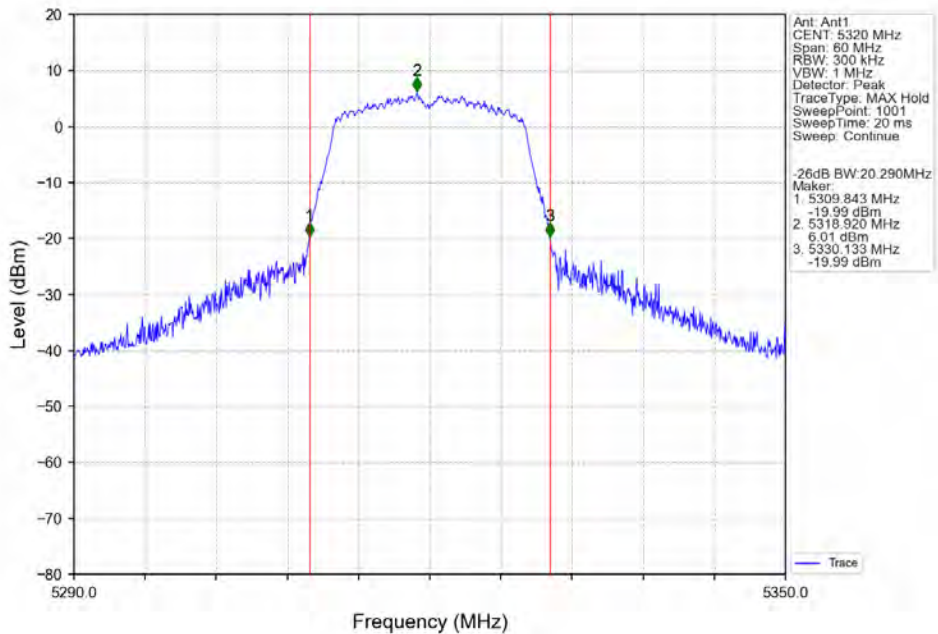
802.11a\_LCH\_5260MHz\_Ant1\_NTNV



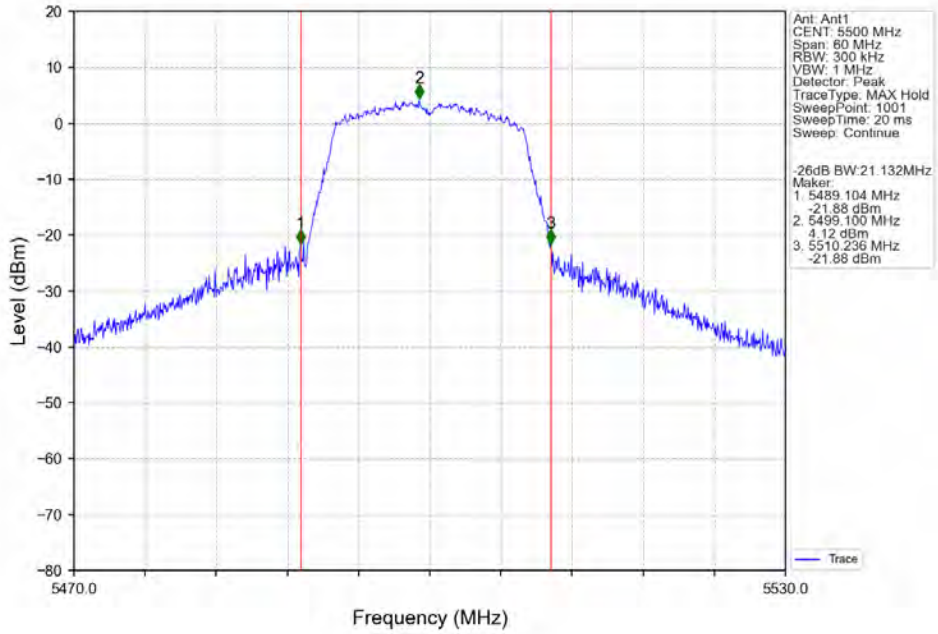
802.11a\_MCH\_5300MHz\_Ant1\_NTNV



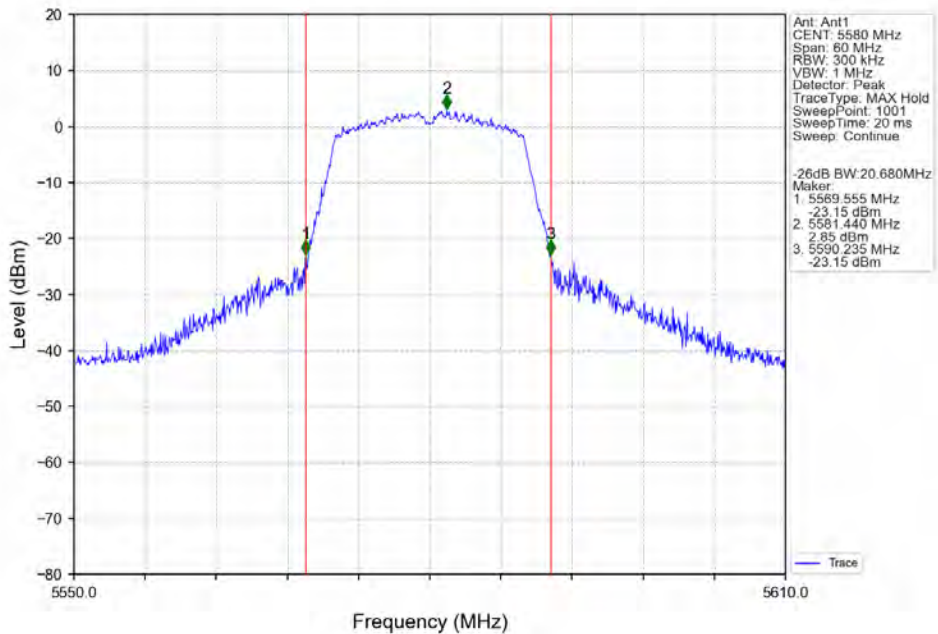
802.11a\_HCH\_5320MHz\_Ant1\_NTNV



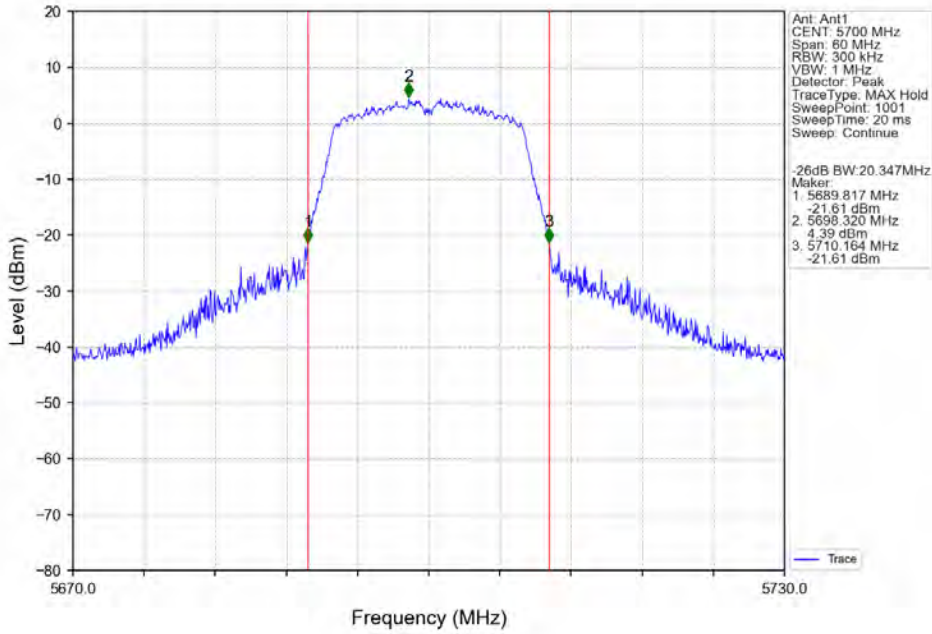
802.11a\_LCH\_5500MHz\_Ant1\_NTNV



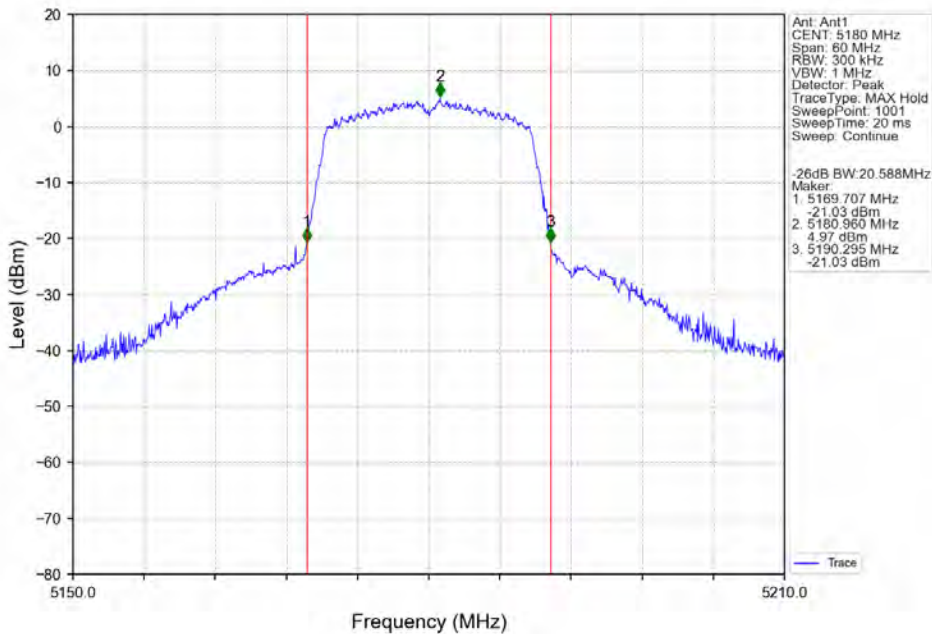
802.11a\_MCH\_5580MHz\_Ant1\_NTNV



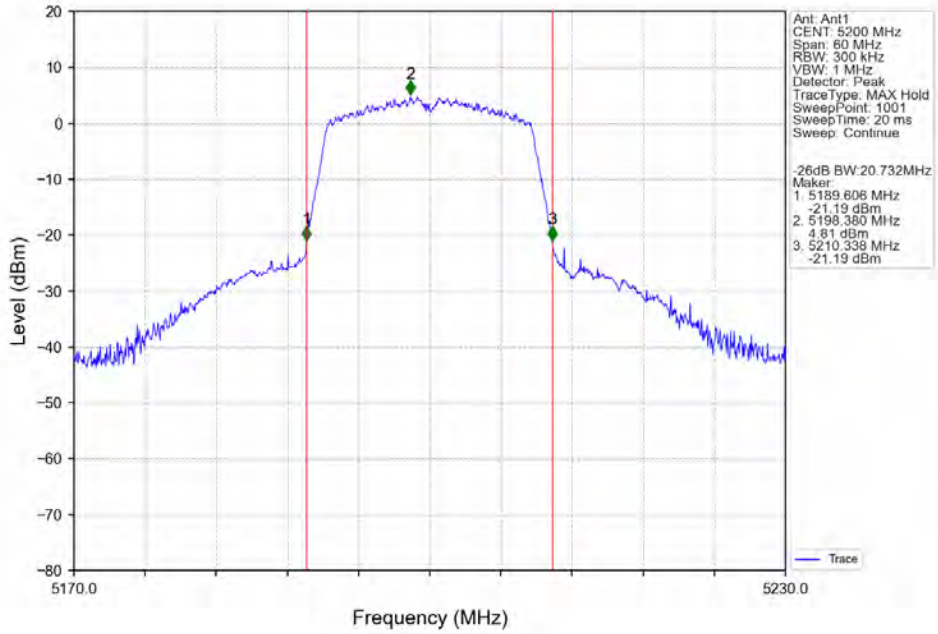
802.11a\_HCH\_5700MHz\_Ant1\_NTNV



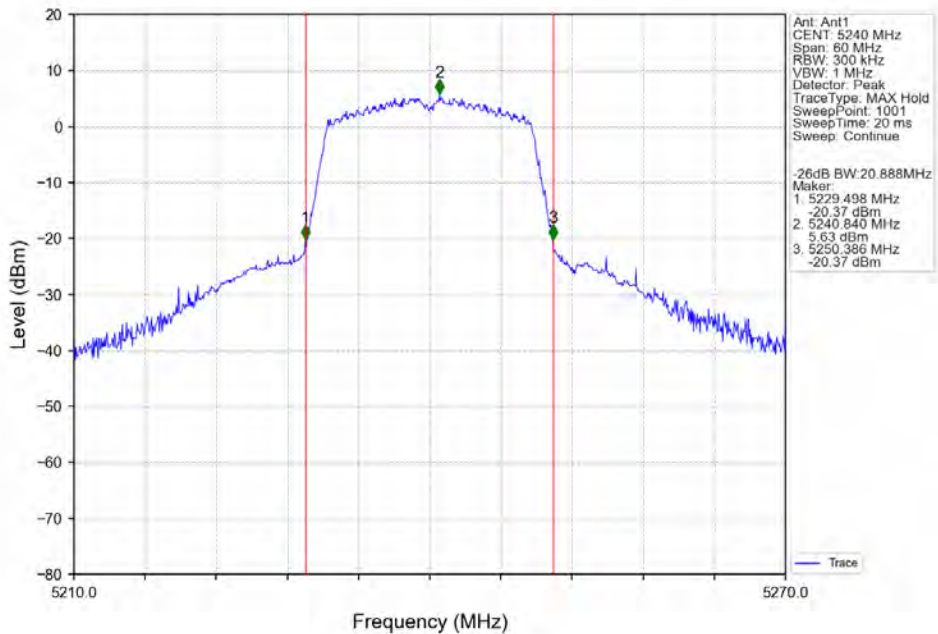
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



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

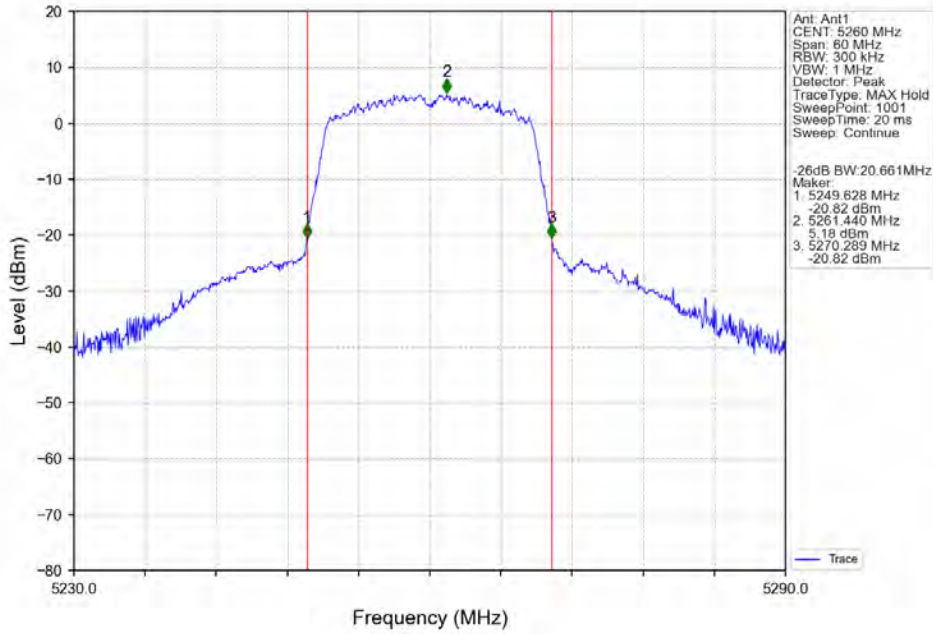


802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV

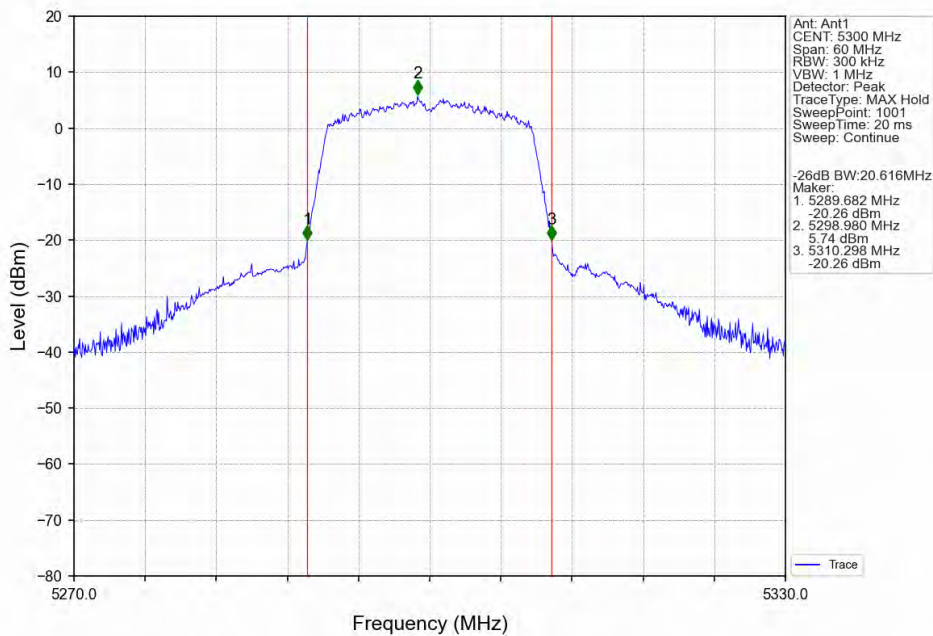




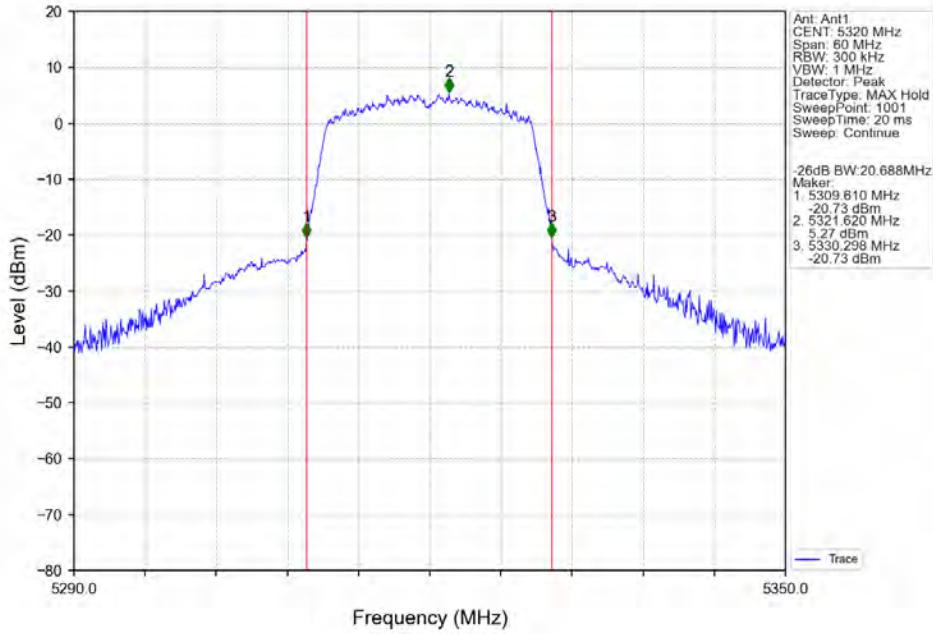
802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



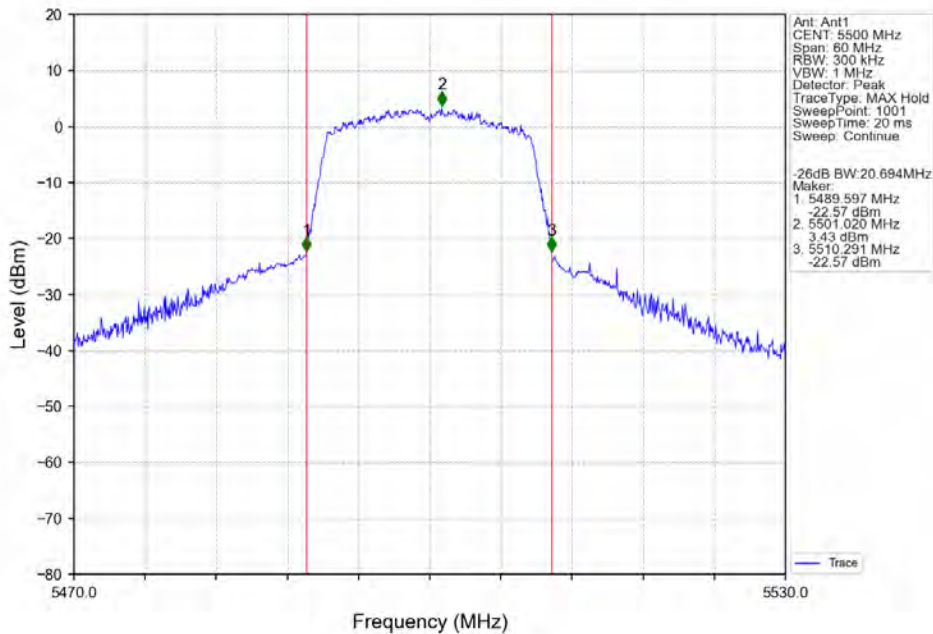
802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



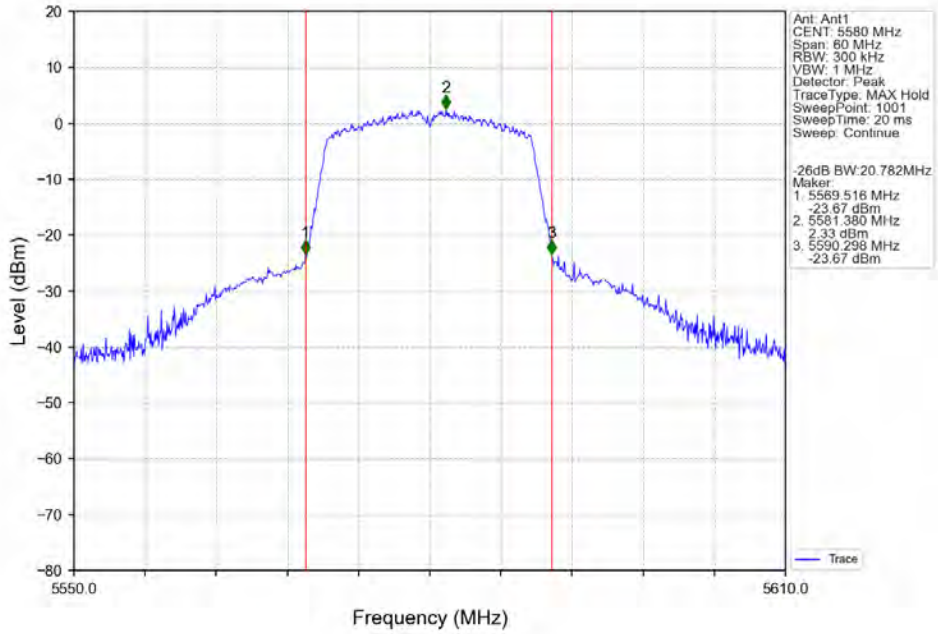
802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV



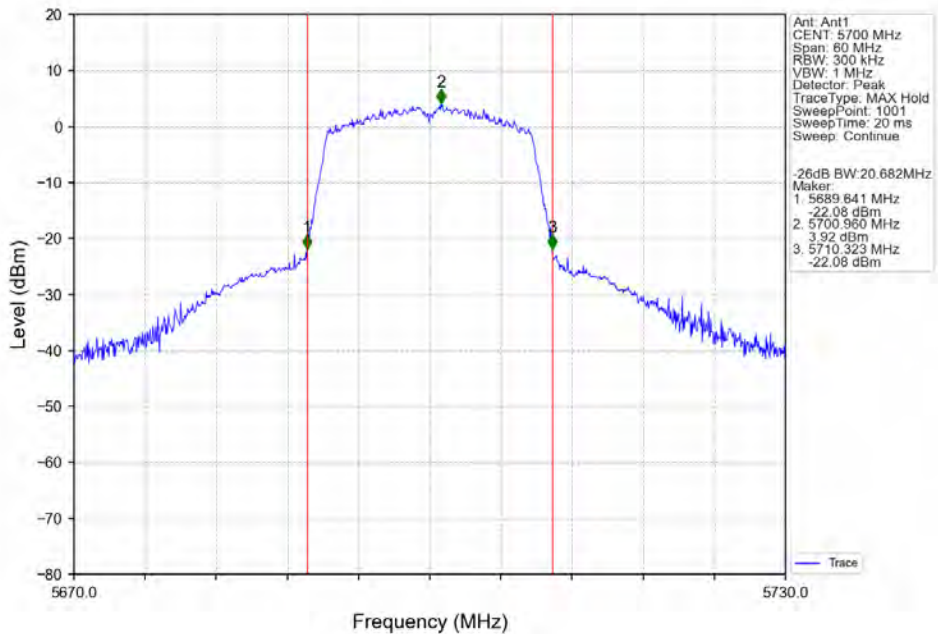
802.11n(HT20)\_LCH\_5500MHz\_Ant1\_NTNV



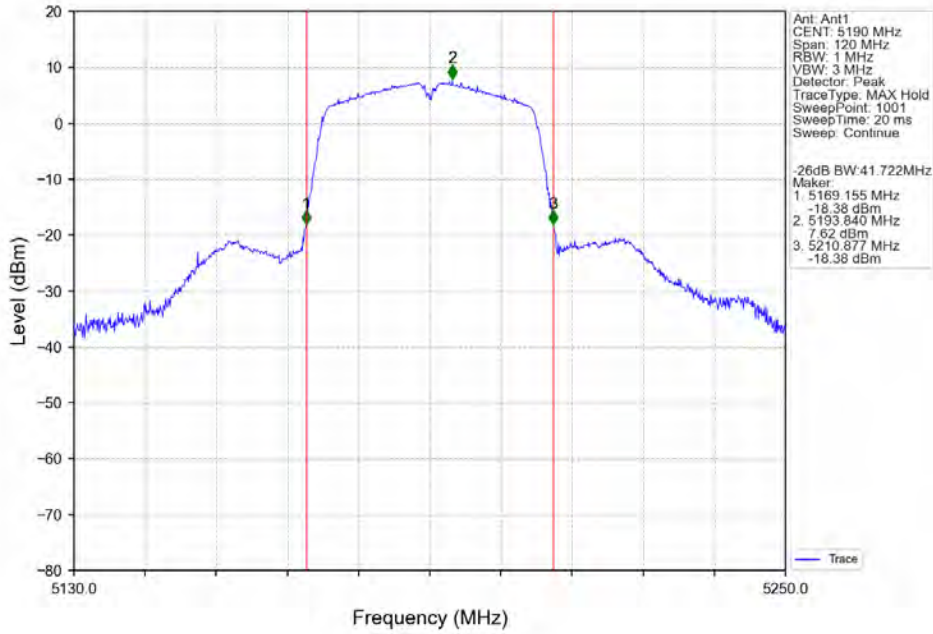
802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV



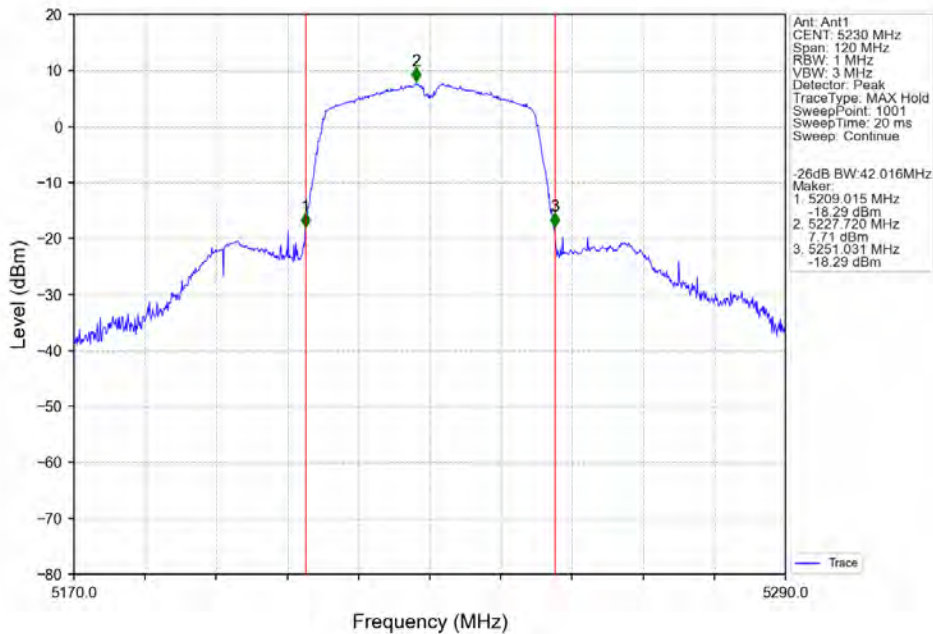
802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



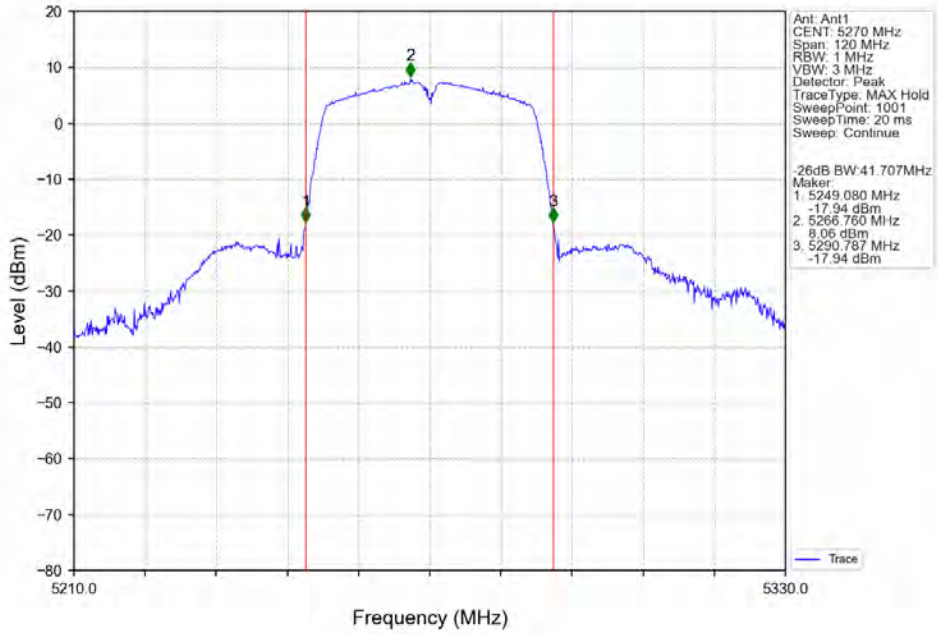
802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



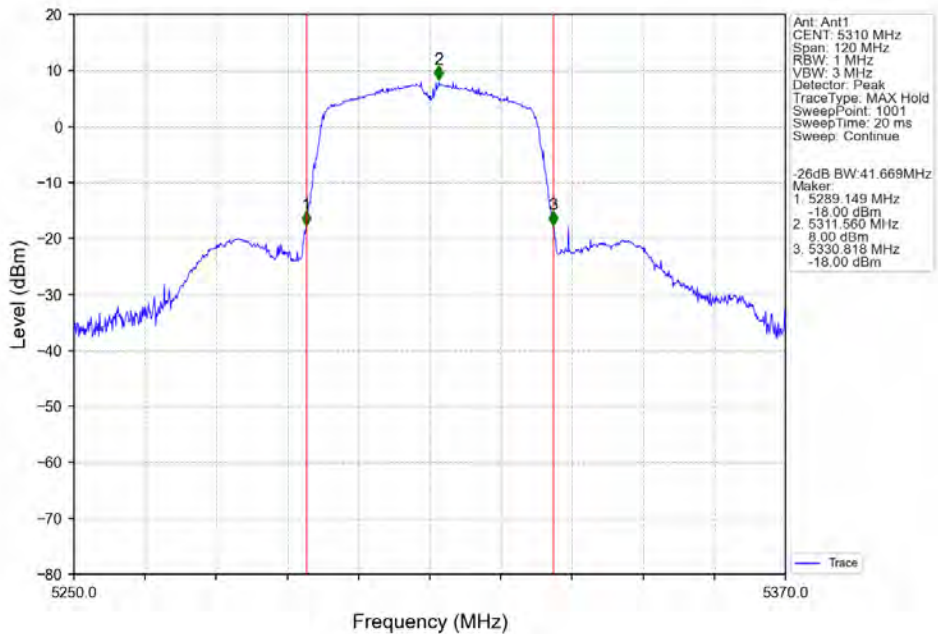
802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



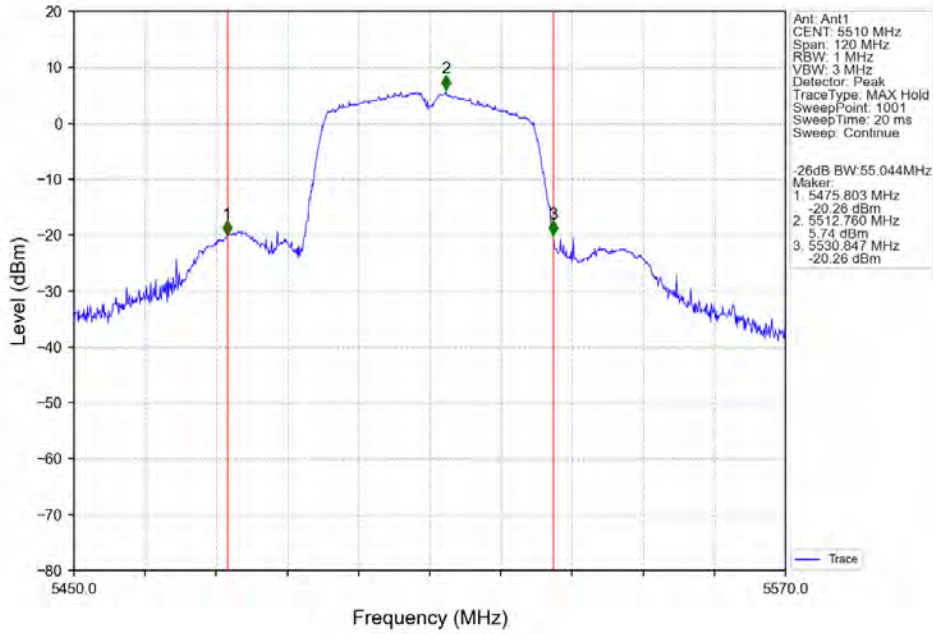
802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



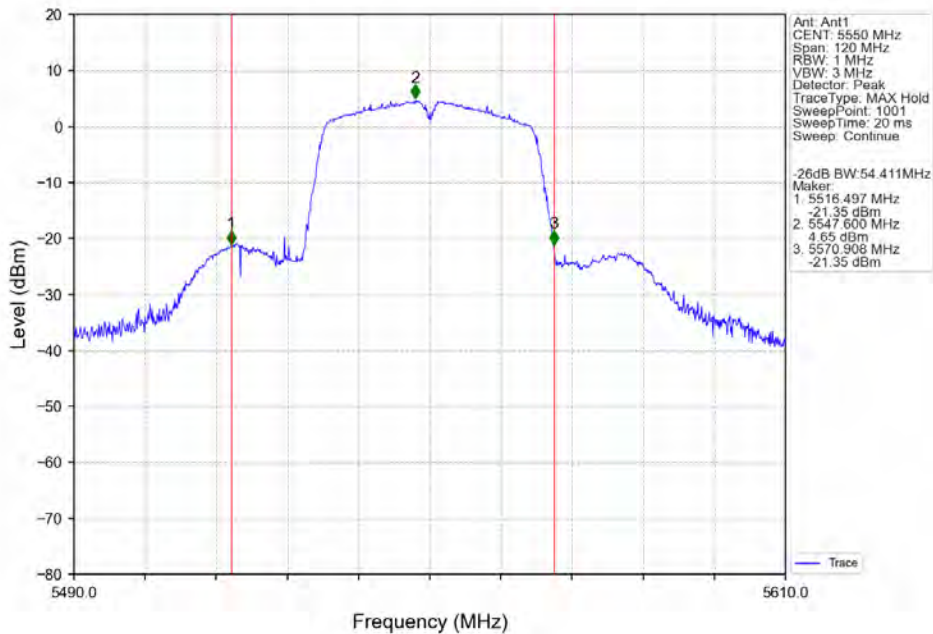
802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



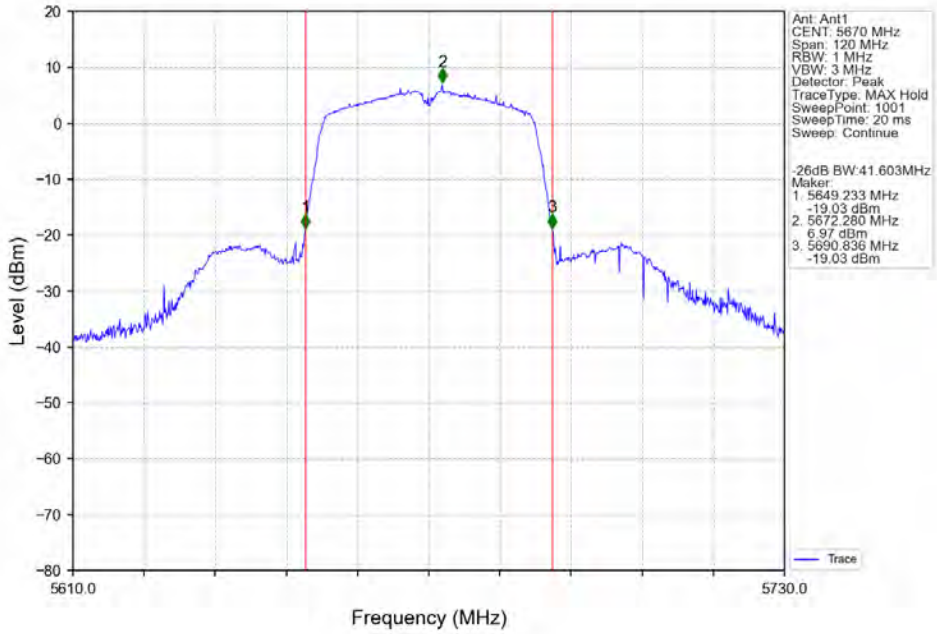
802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



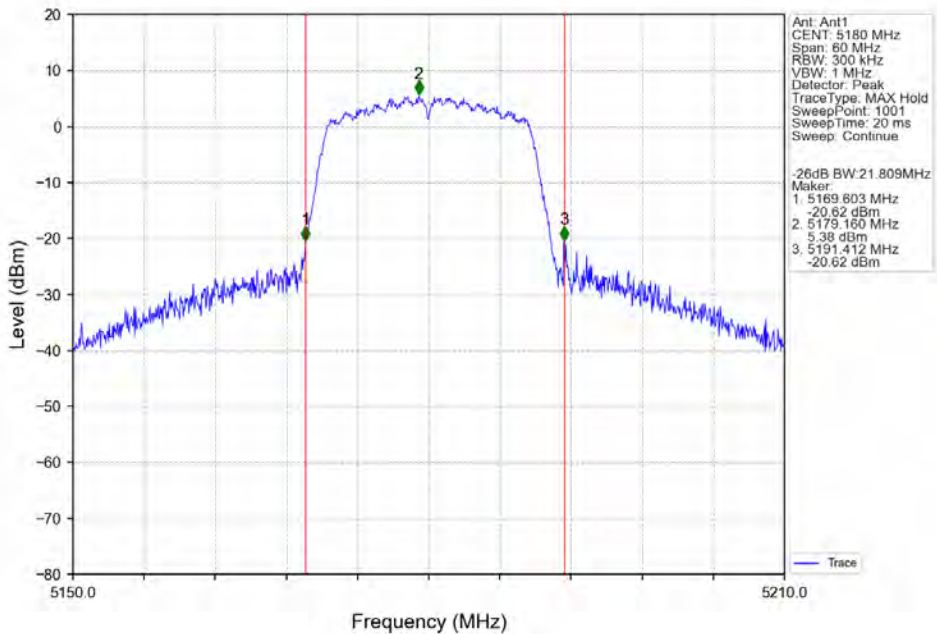
802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV



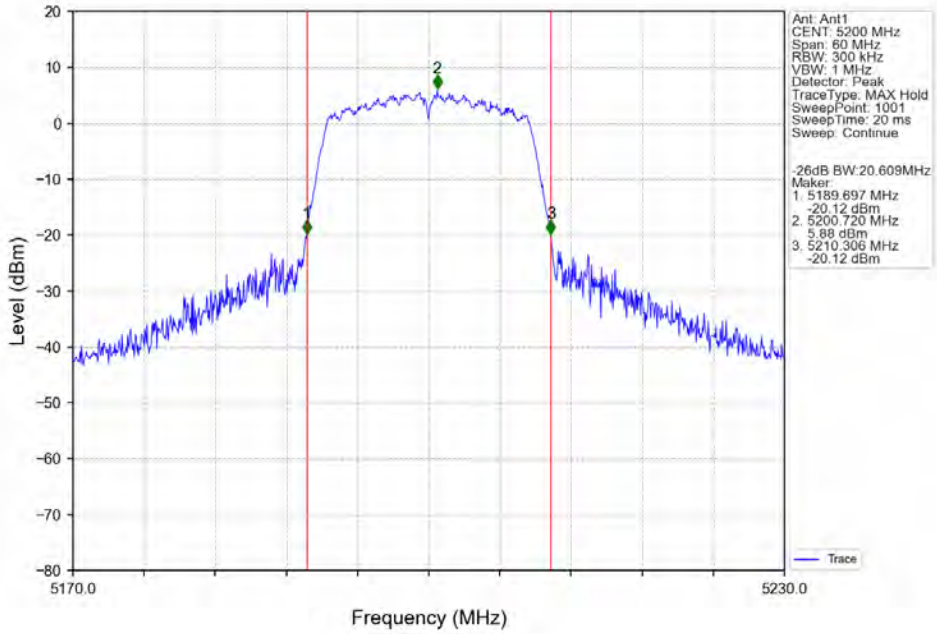
802.11n(HT40)\_HCH\_5670MHz\_Ant1\_NTNV



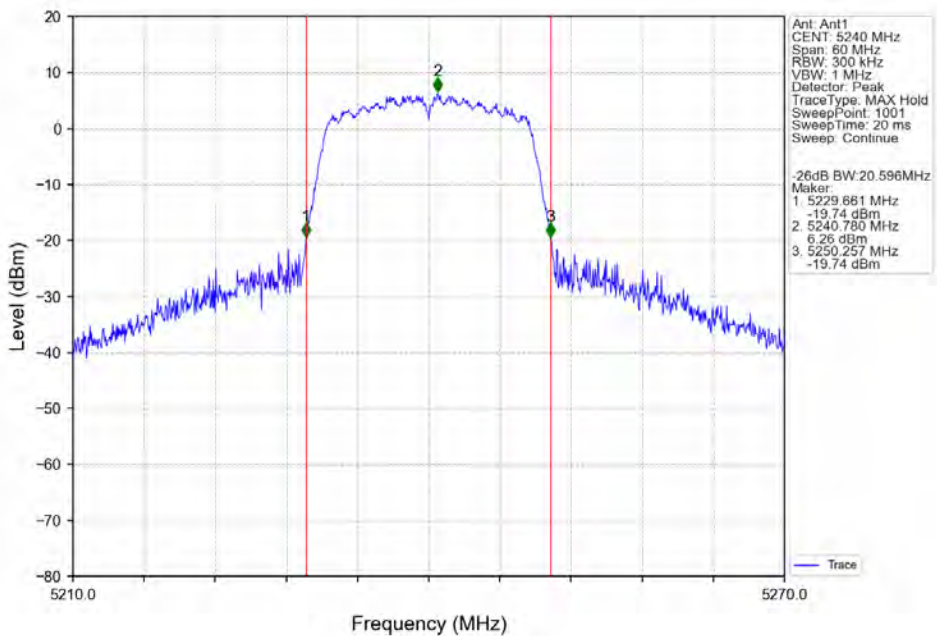
802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



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

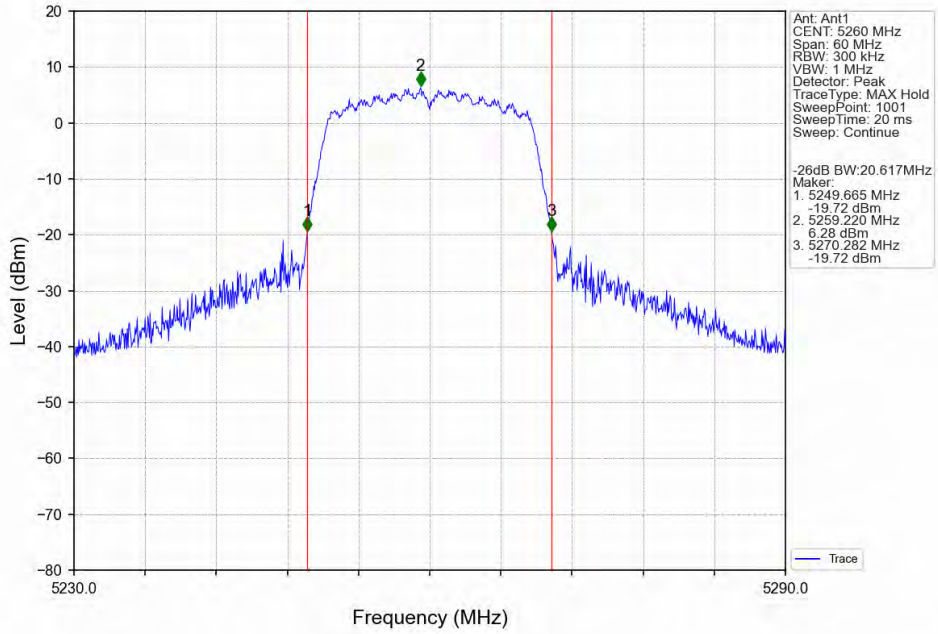


802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV

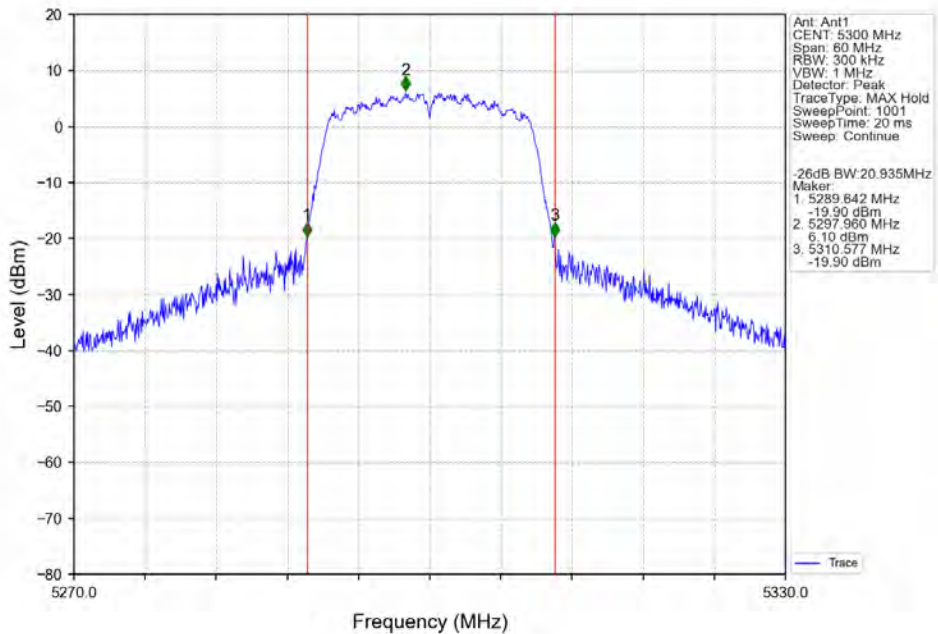




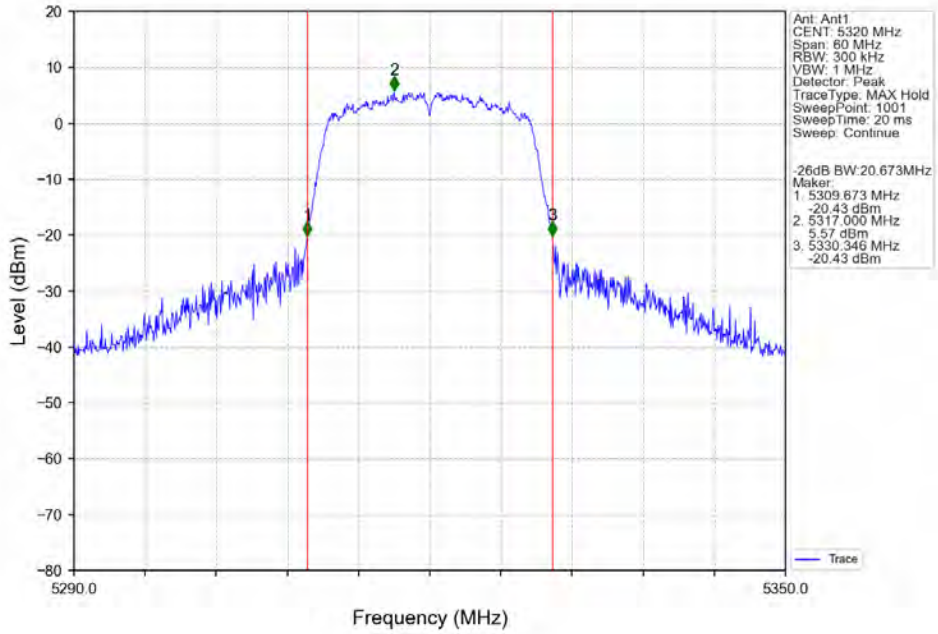
802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



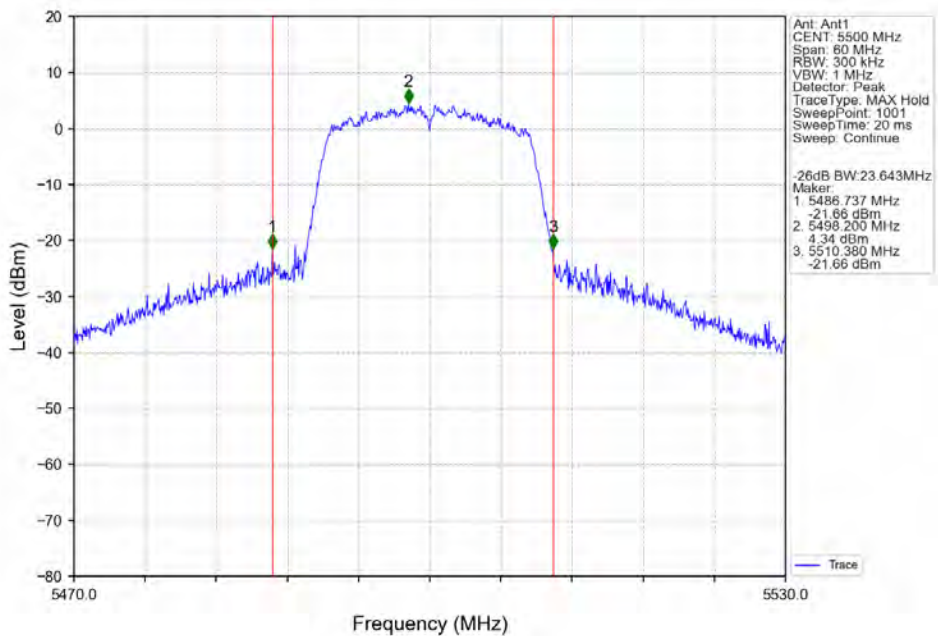
802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



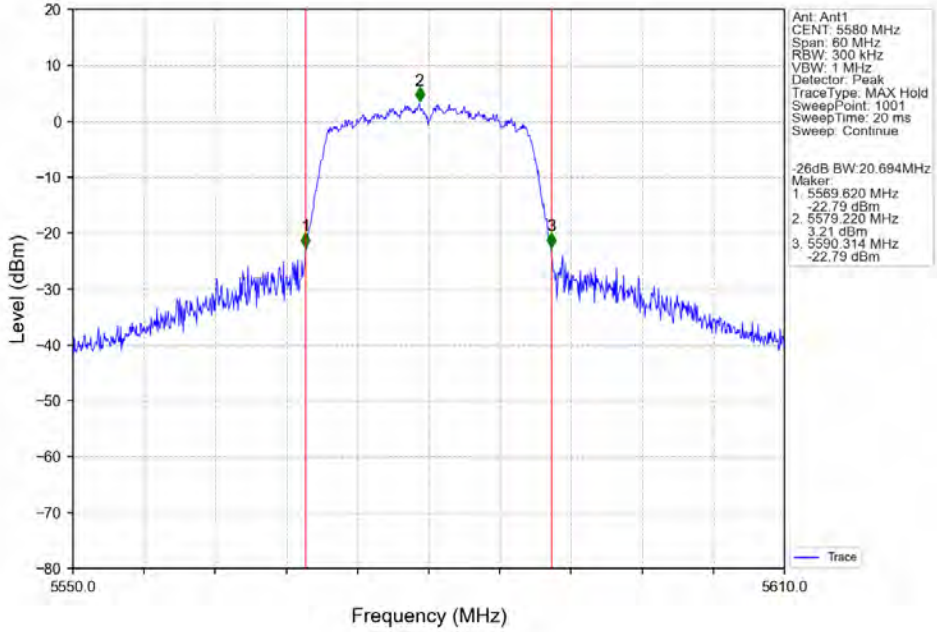
802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



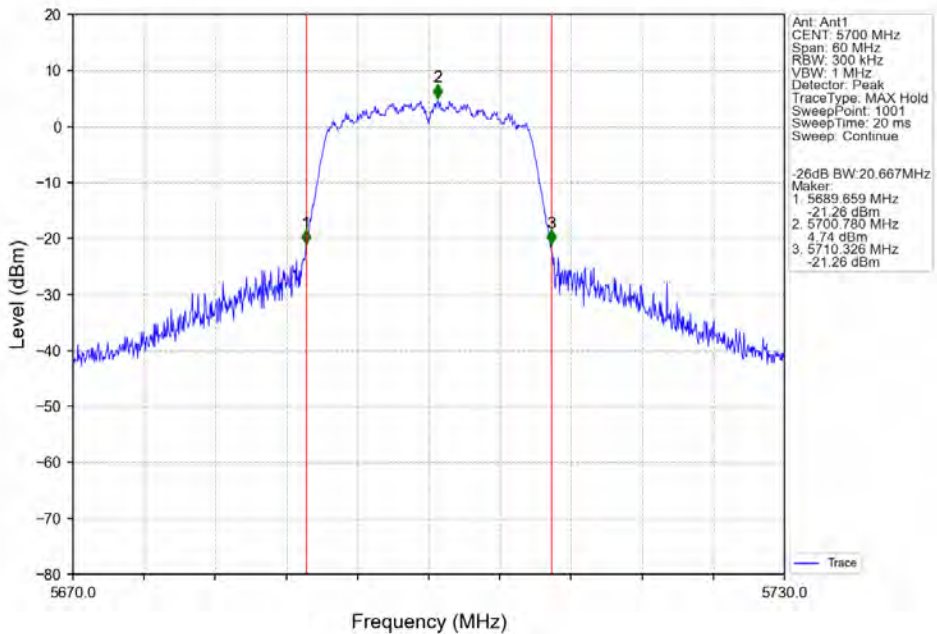
802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



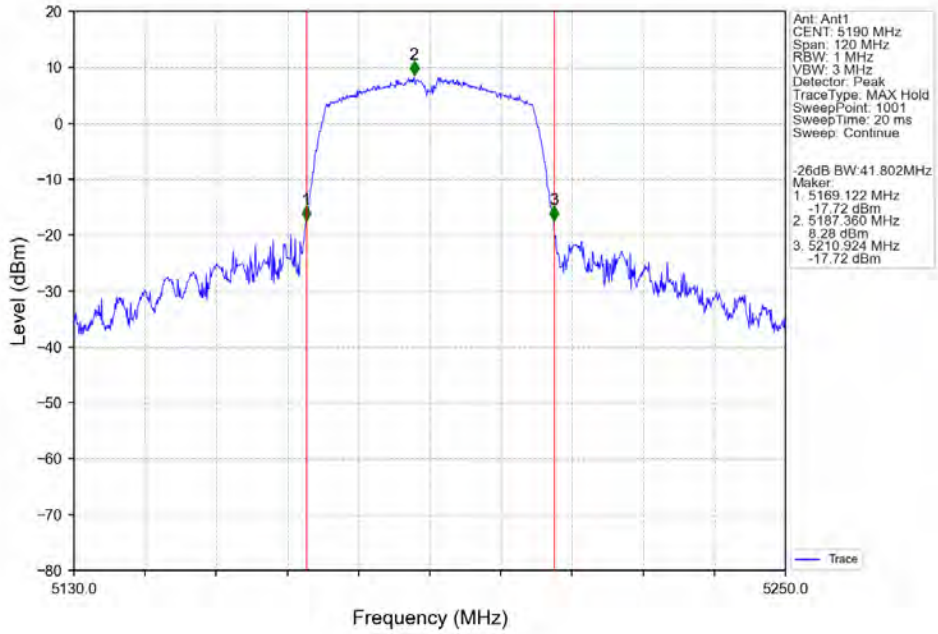
802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



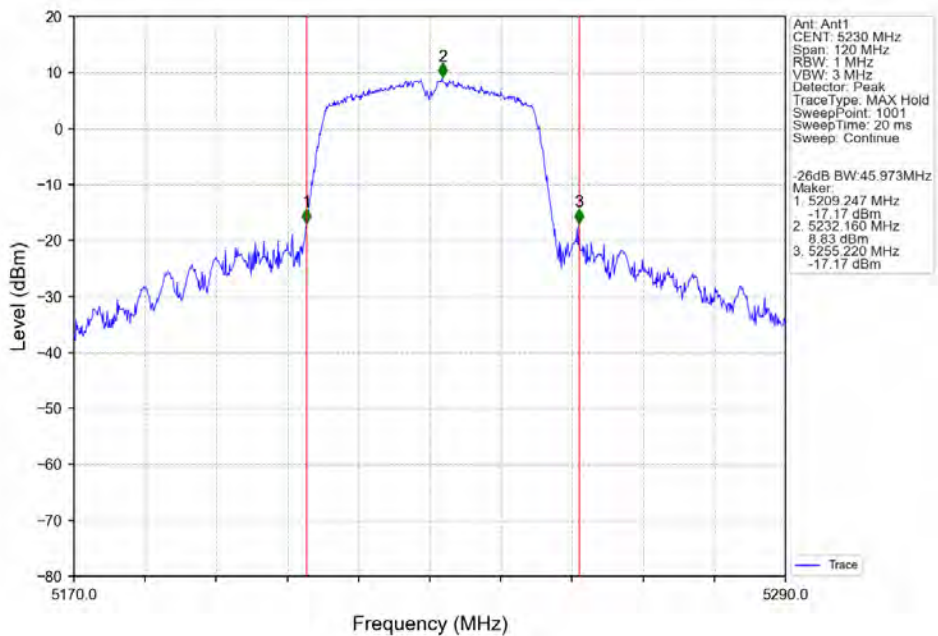
802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



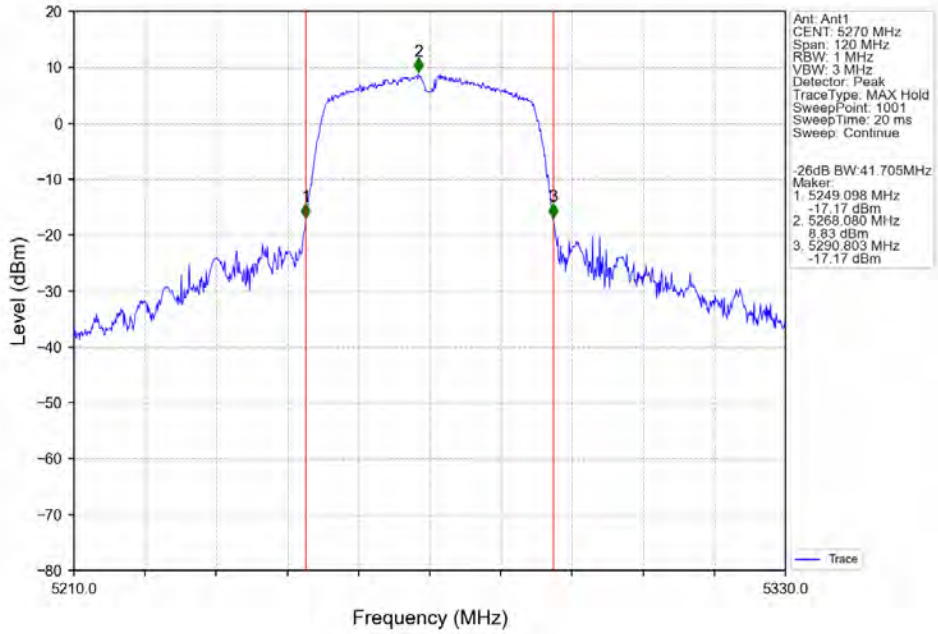
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



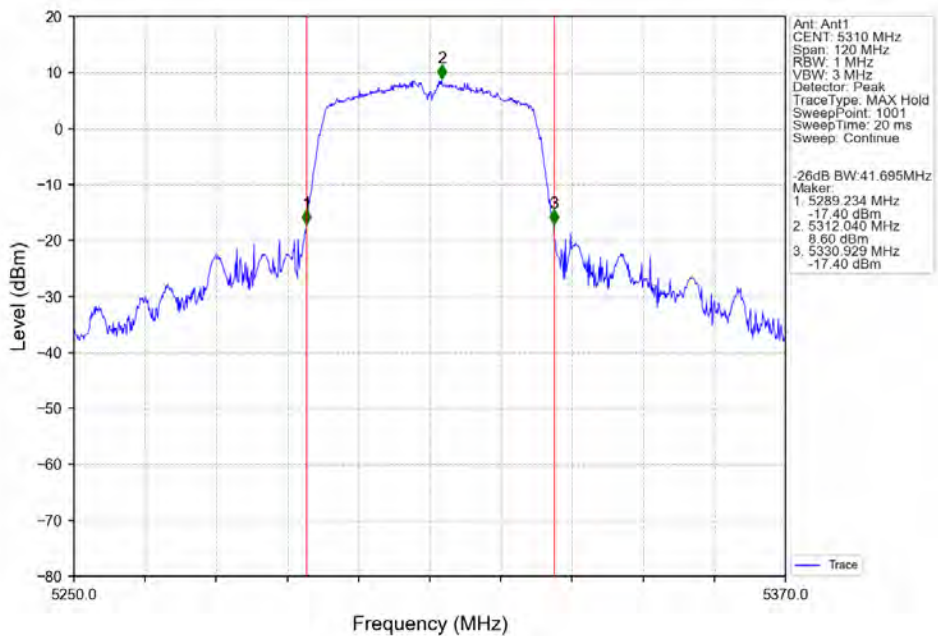
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



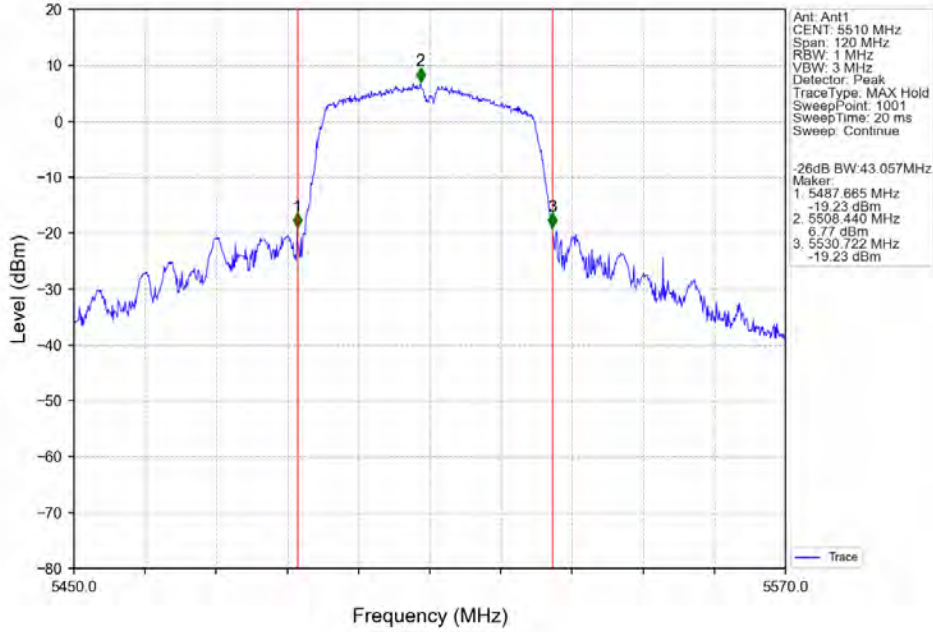
802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



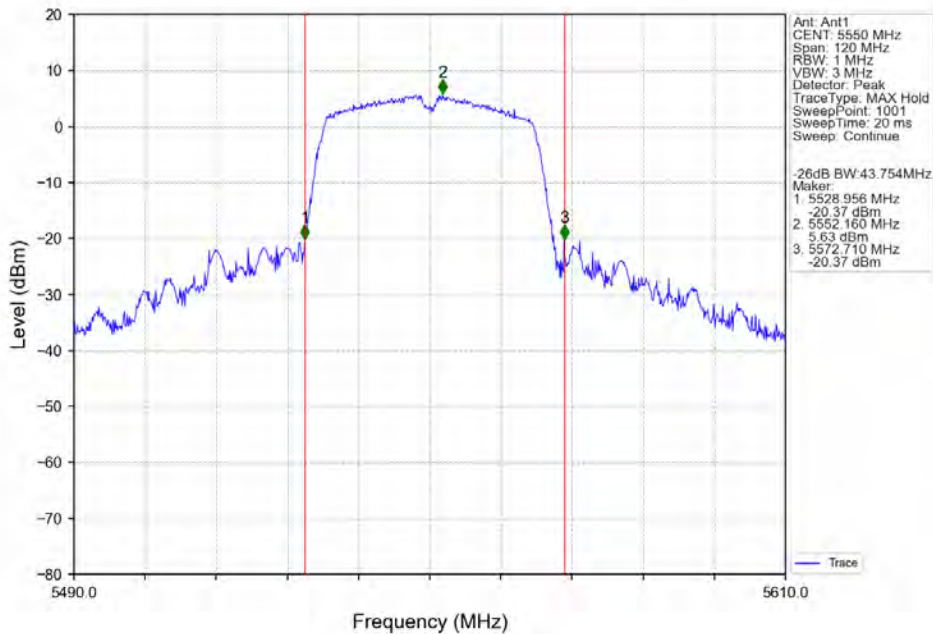
802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



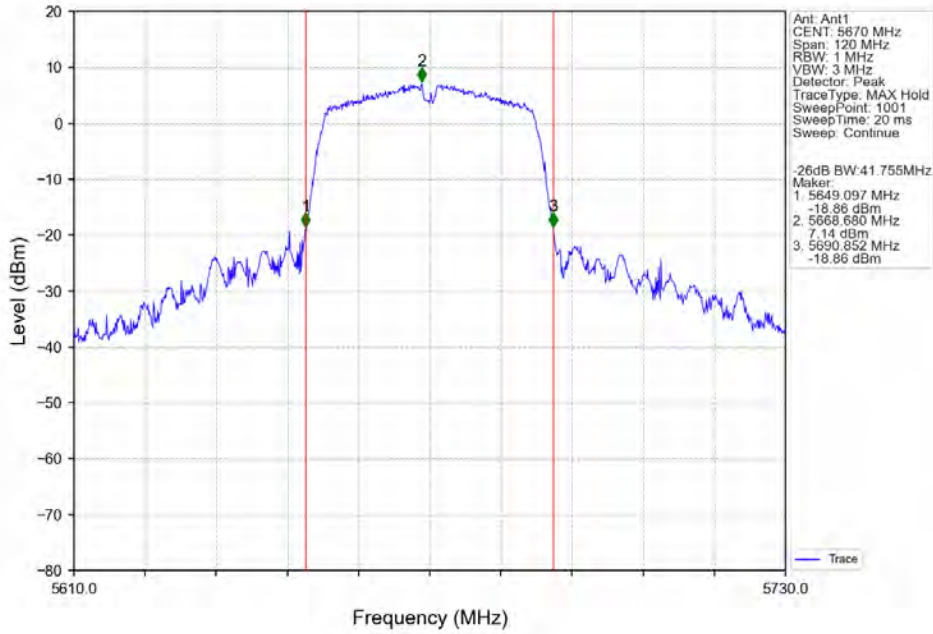
802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



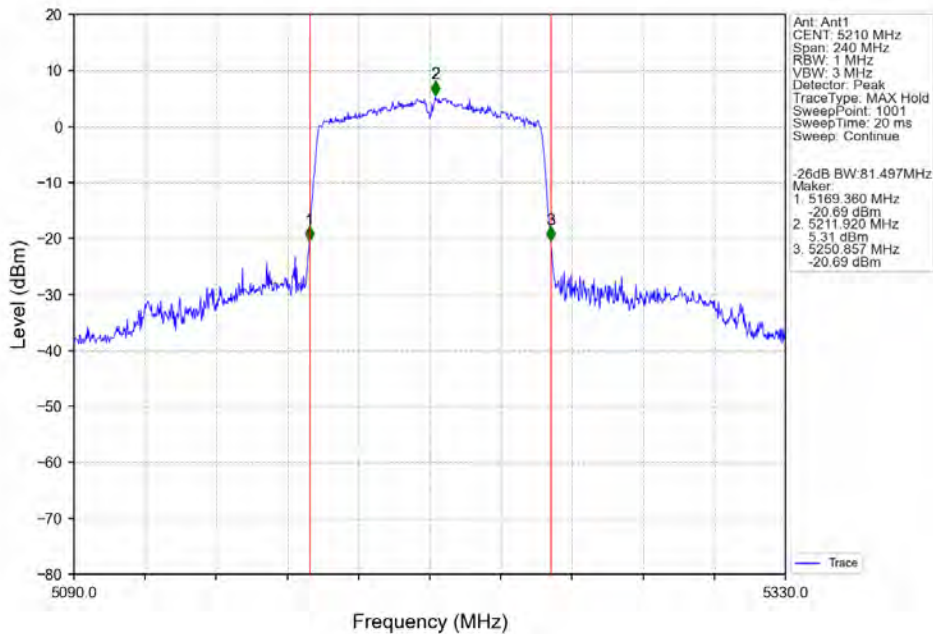
802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



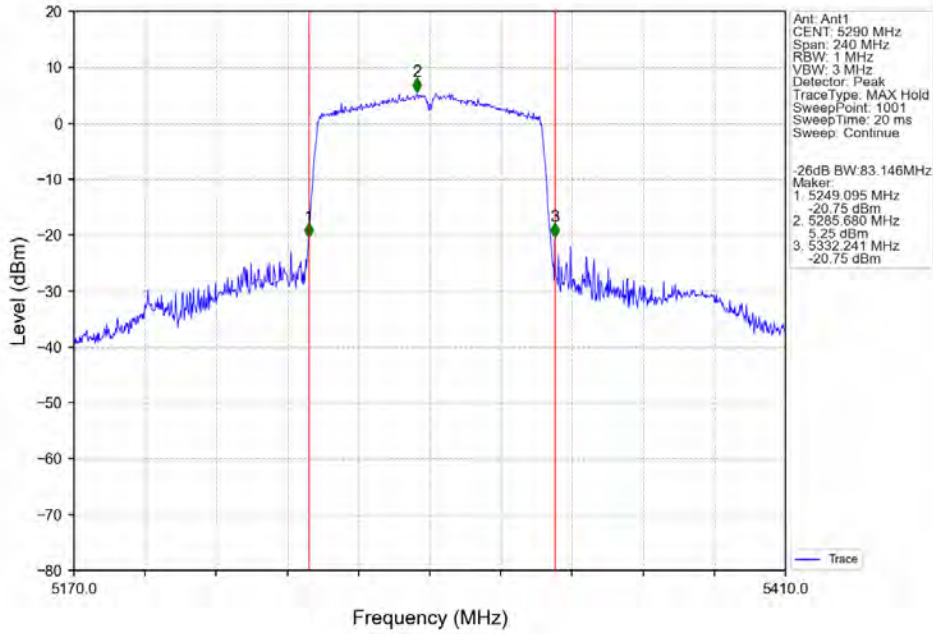
802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



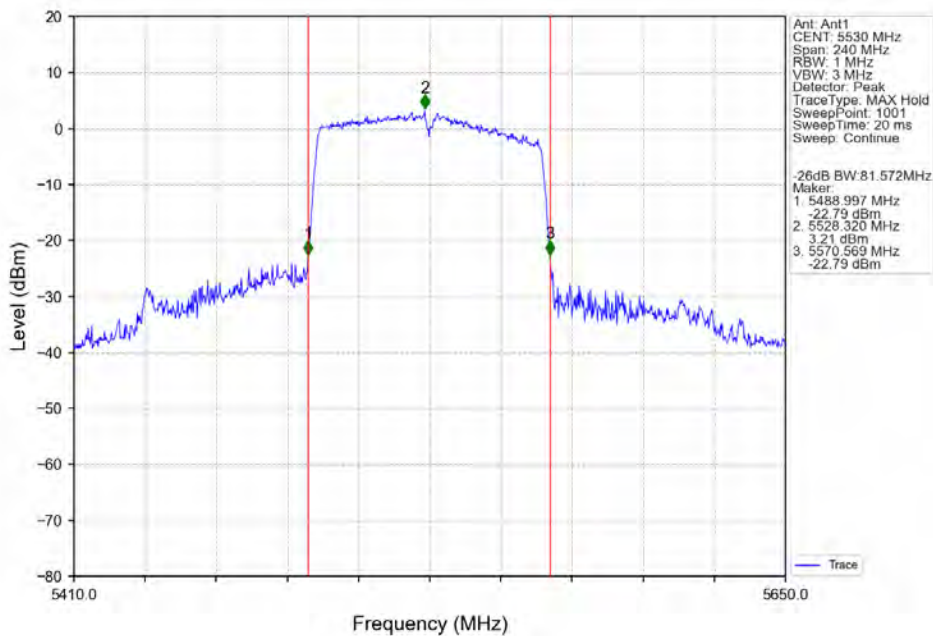
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



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

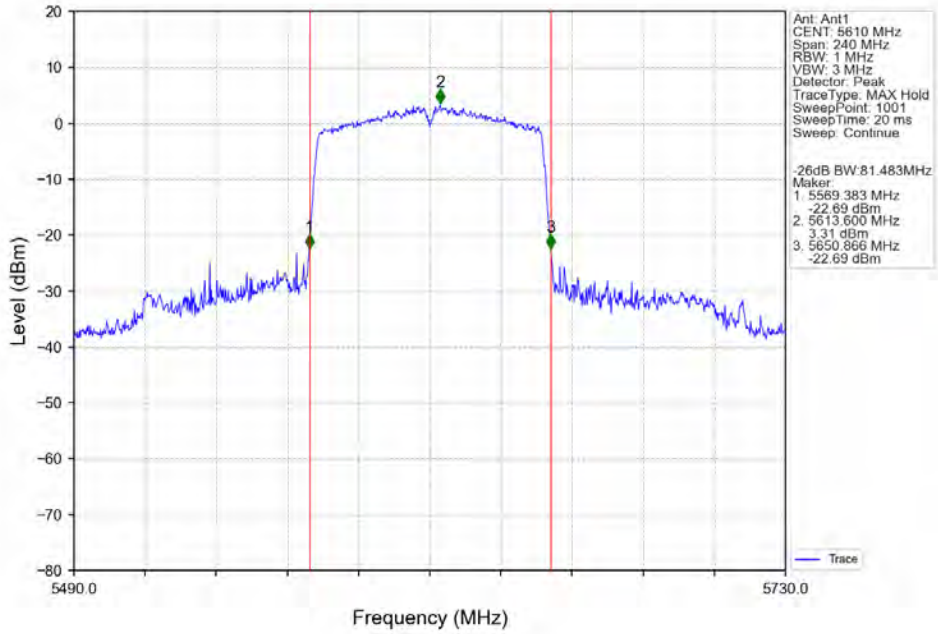


802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV





802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



### 3. Maximum Conducted Output Power

#### 3.1 Test Result

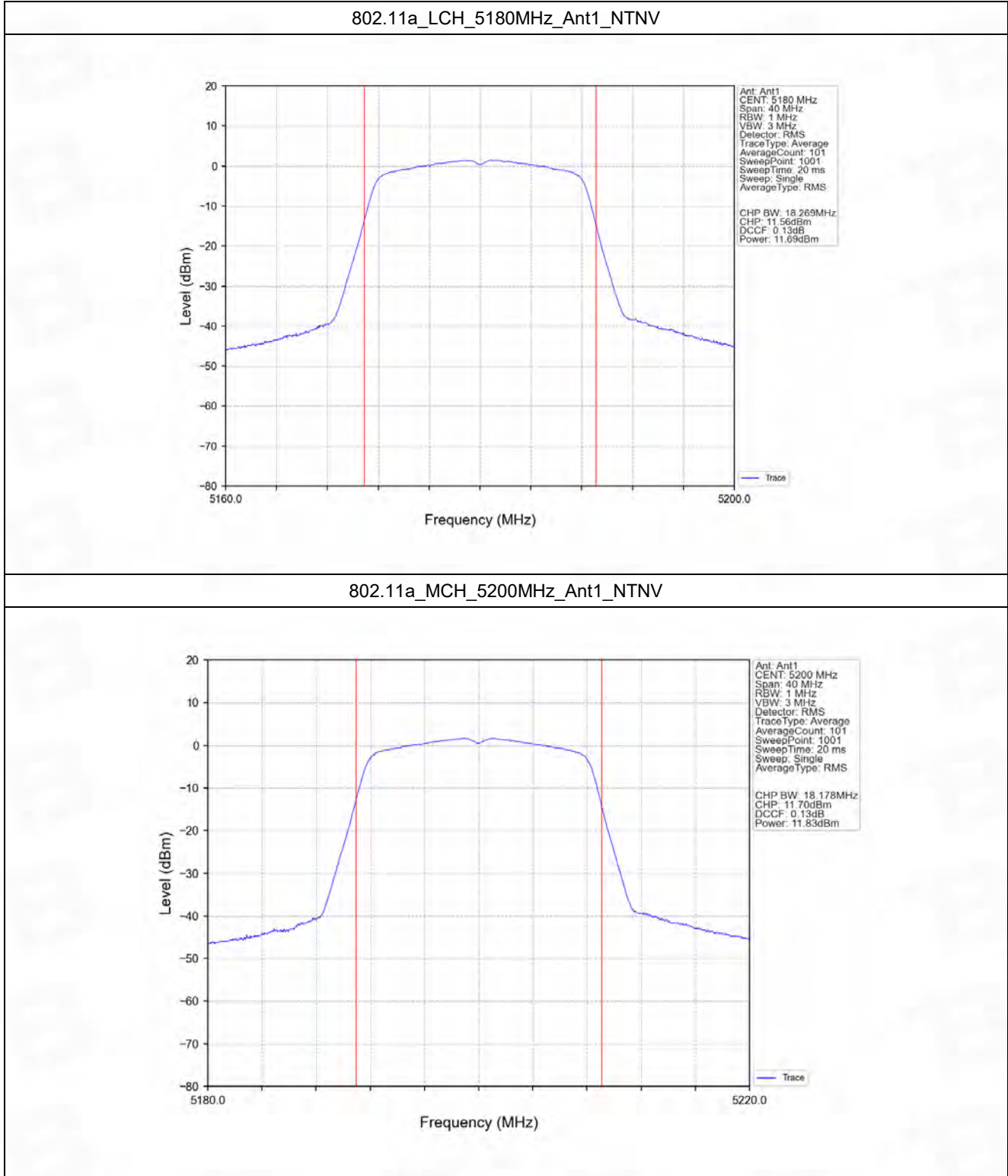
##### 3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	11.69	<=23.98	Pass
		5200	11.83	<=23.98	Pass
		5240	12.36	<=23.98	Pass
		5260	12.41	<=23.98	Pass
		5300	12.24	<=23.98	Pass
		5320	12.14	<=23.98	Pass
		5500	10.49	<=23.98	Pass
		5580	9.31	<=23.98	Pass
		5700	10.72	<=23.98	Pass
		5745	10.58	<=30	Pass
		5785	10.87	<=30	Pass
802.11n (HT20)	SISO	5180	11.60	<=23.98	Pass
		5200	11.53	<=23.98	Pass
		5240	12.10	<=23.98	Pass
		5260	12.08	<=23.98	Pass
		5300	11.96	<=23.98	Pass
		5320	11.90	<=23.98	Pass
		5500	10.16	<=23.98	Pass
		5580	9.11	<=23.98	Pass
		5700	10.57	<=23.98	Pass
		5745	10.41	<=30	Pass
		5785	10.51	<=30	Pass
802.11n (HT40)	SISO	5190	11.72	<=23.98	Pass
		5230	11.94	<=23.98	Pass
		5270	11.99	<=23.98	Pass
		5310	11.93	<=23.98	Pass
		5510	9.79	<=23.98	Pass
		5550	9.08	<=23.98	Pass
		5670	10.31	<=23.98	Pass

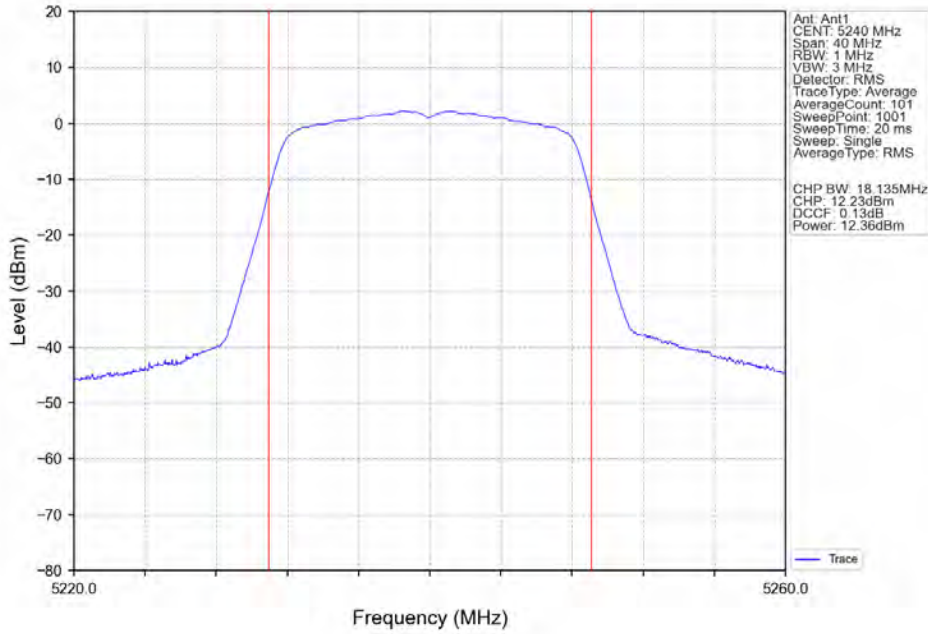
		5755	10.31	<=30	Pass
		5795	10.65	<=30	Pass
802.11ac (VHT20)	SISO	5180	11.48	<=23.98	Pass
		5200	11.54	<=23.98	Pass
		5240	12.11	<=23.98	Pass
		5260	11.98	<=23.98	Pass
		5300	12.05	<=23.98	Pass
		5320	11.71	<=23.98	Pass
		5500	10.27	<=23.98	Pass
		5580	9.13	<=23.98	Pass
		5700	10.53	<=23.98	Pass
		5745	10.41	<=30	Pass
		5785	10.62	<=30	Pass
		5825	10.45	<=30	Pass
		802.11ac (VHT40)	SISO	5190	11.55
5230	12.06			<=23.98	Pass
5270	12.01			<=23.98	Pass
5310	11.93			<=23.98	Pass
5510	9.89			<=23.98	Pass
5550	9.13			<=23.98	Pass
5670	10.42			<=23.98	Pass
5755	10.37			<=30	Pass
5795	10.66			<=30	Pass
802.11ac (VHT80)	SISO	5210	11.66	<=23.98	Pass
		5290	11.83	<=23.98	Pass
		5530	9.44	<=23.98	Pass
		5610	9.67	<=23.98	Pass
		5775	10.47	<=30	Pass
Note1: Antenna Gain: Ant1: 1.23dBi;					

### 3.2 Test Graph

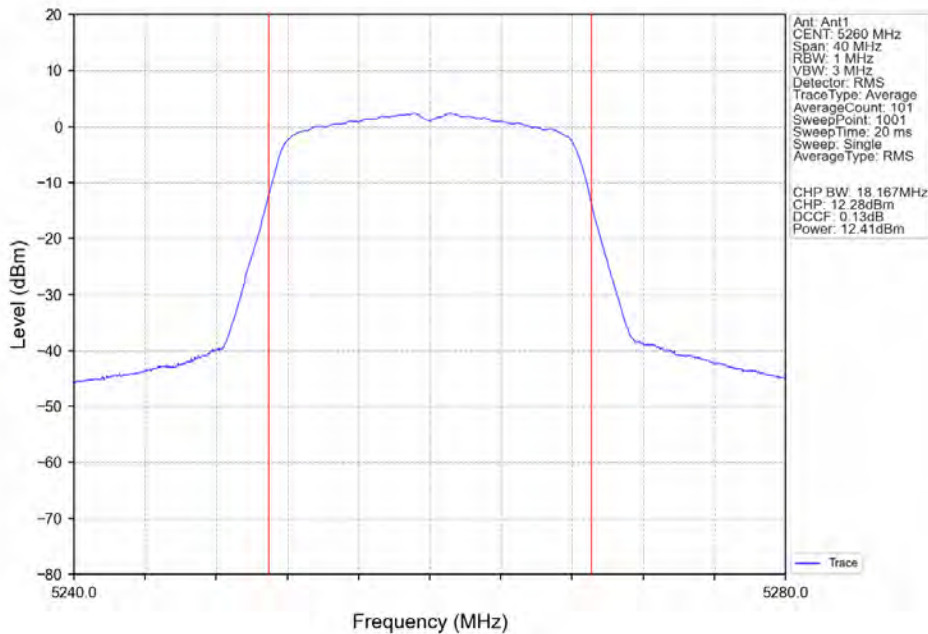
#### 3.2.1 Power



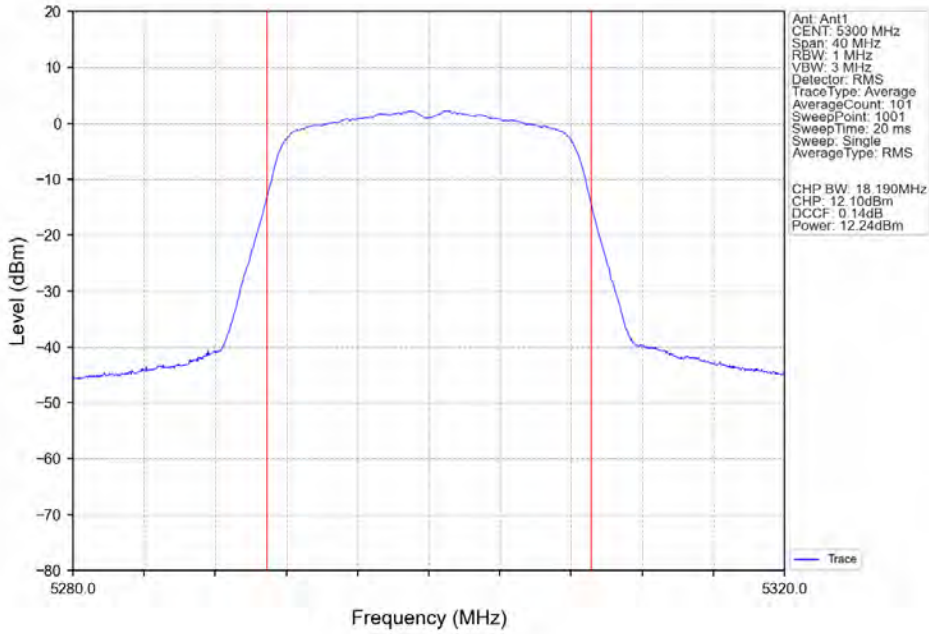
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



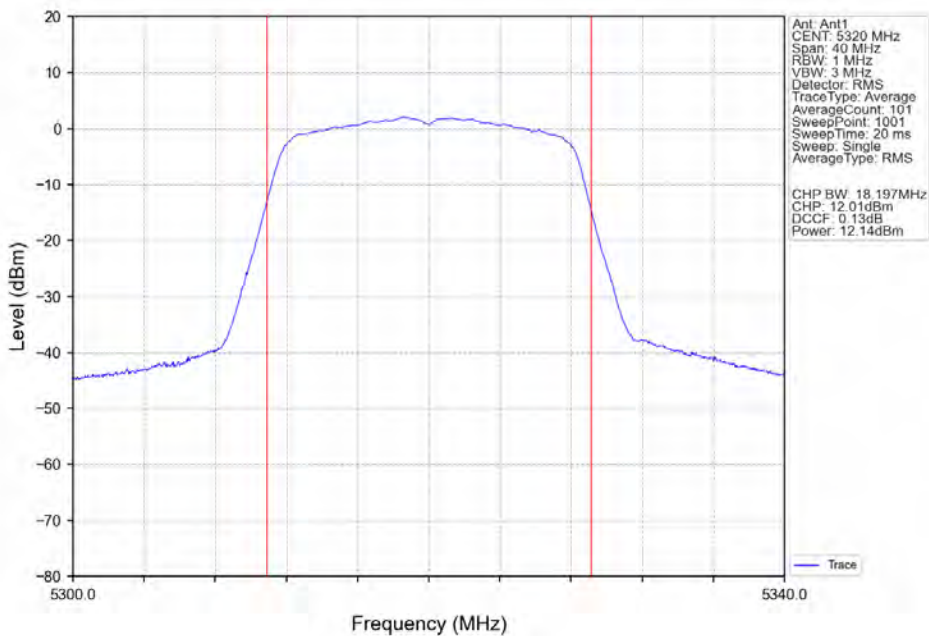
802.11a\_LCH\_5260MHz\_Ant1\_NTNV



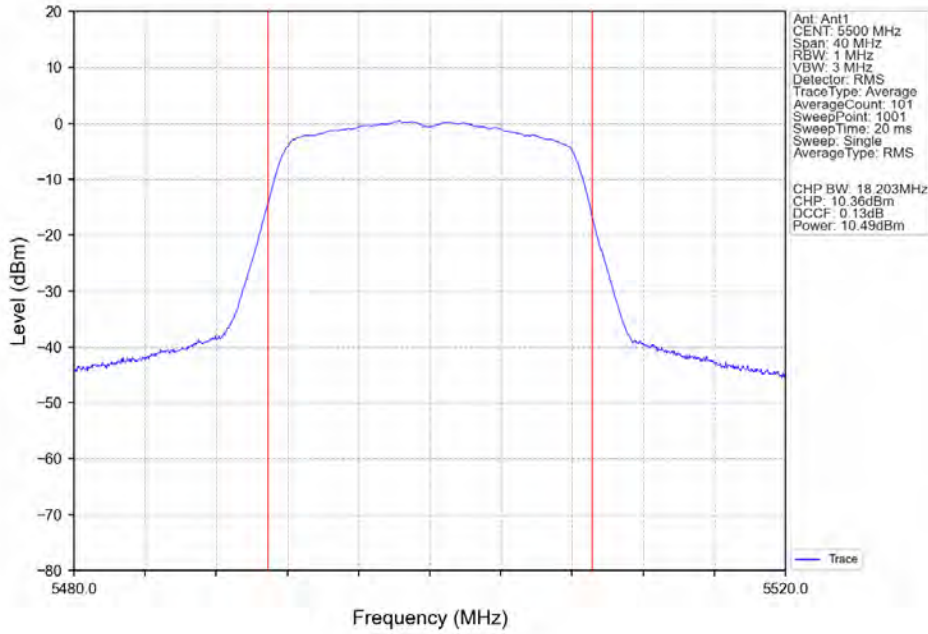
802.11a\_MCH\_5300MHz\_Ant1\_NTNV



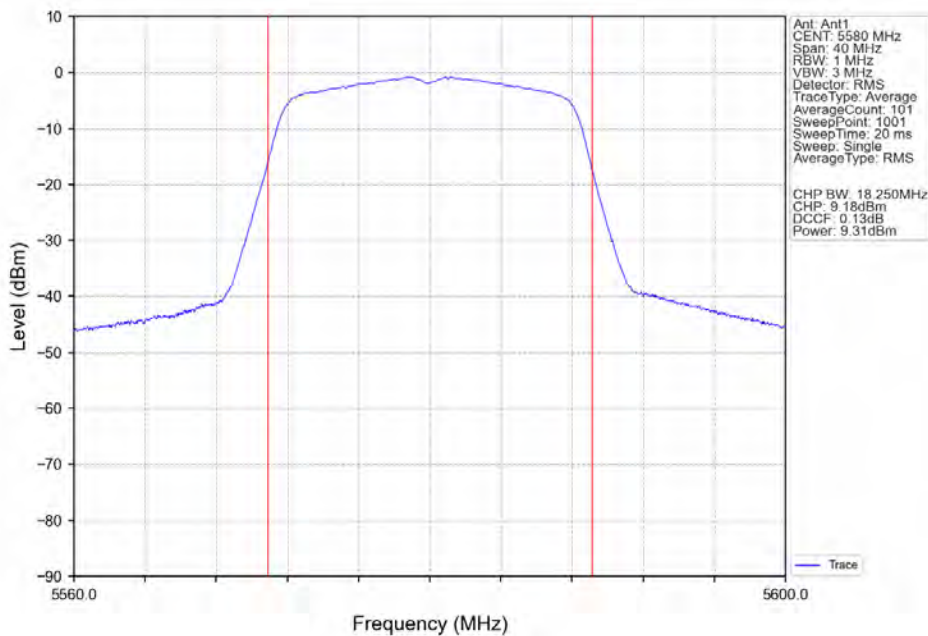
802.11a\_HCH\_5320MHz\_Ant1\_NTNV



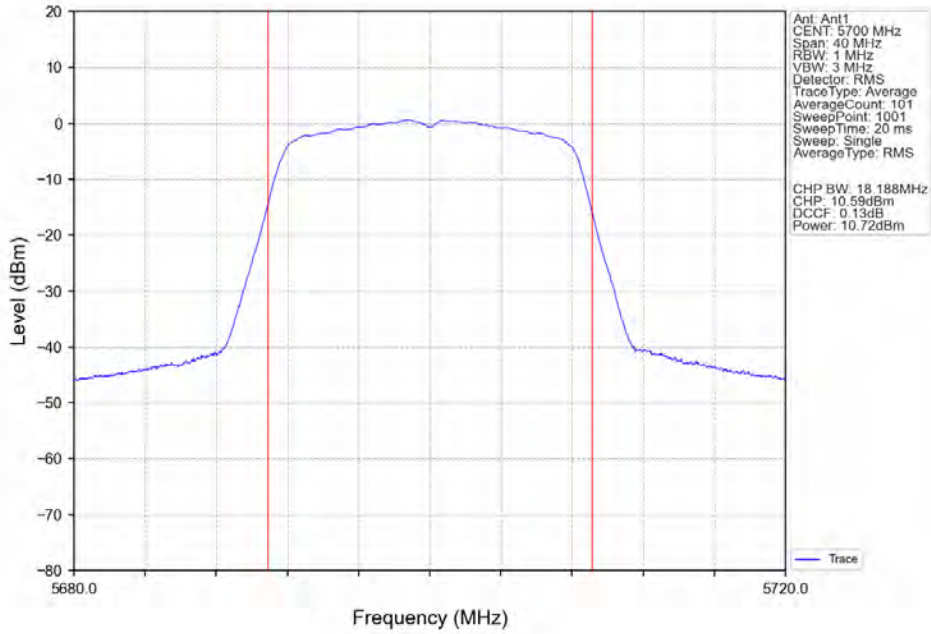
802.11a\_LCH\_5500MHz\_Ant1\_NTNV



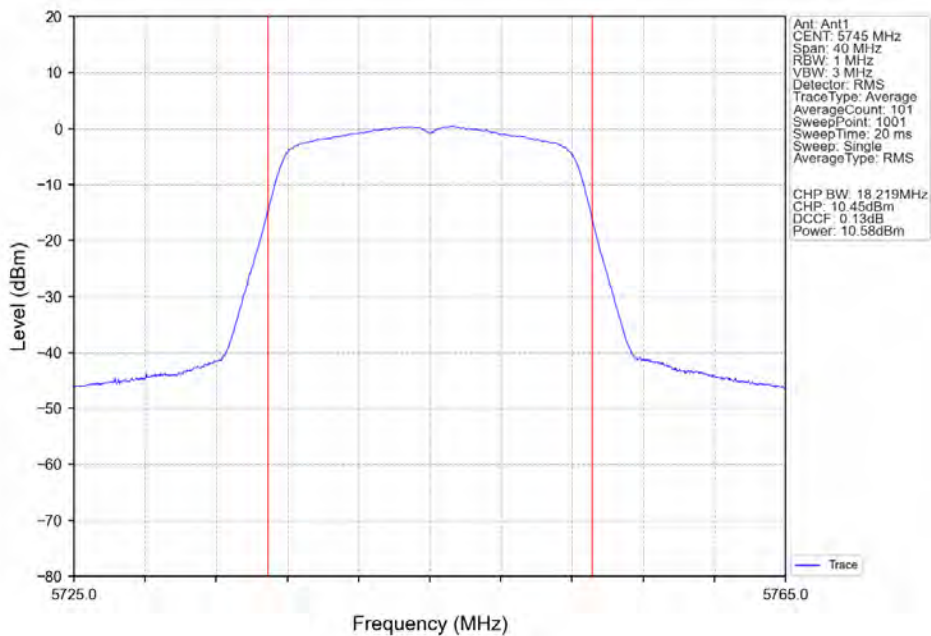
802.11a\_MCH\_5580MHz\_Ant1\_NTNV



802.11a\_HCH\_5700MHz\_Ant1\_NTNV

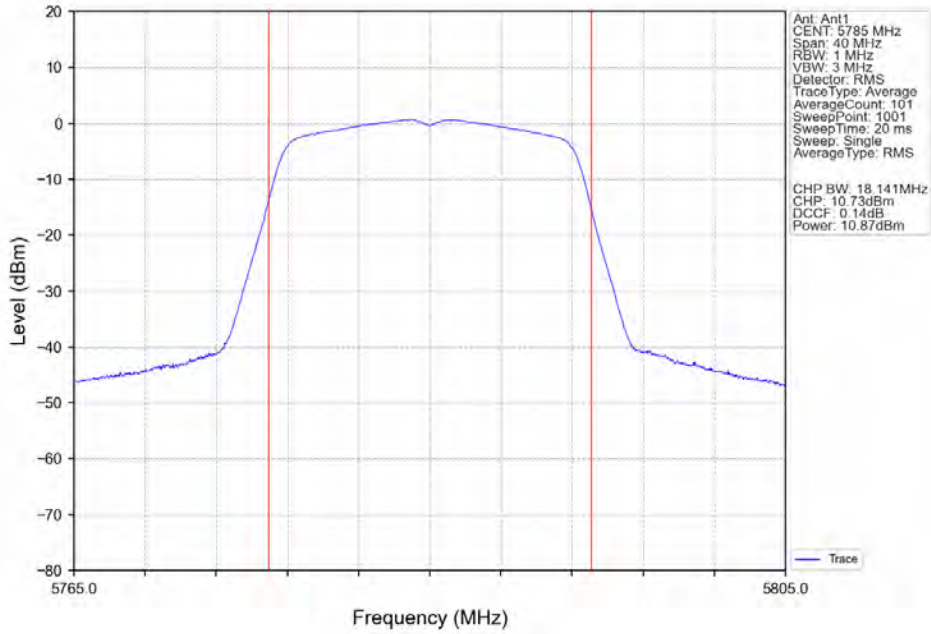


802.11a\_LCH\_5745MHz\_Ant1\_NTNV

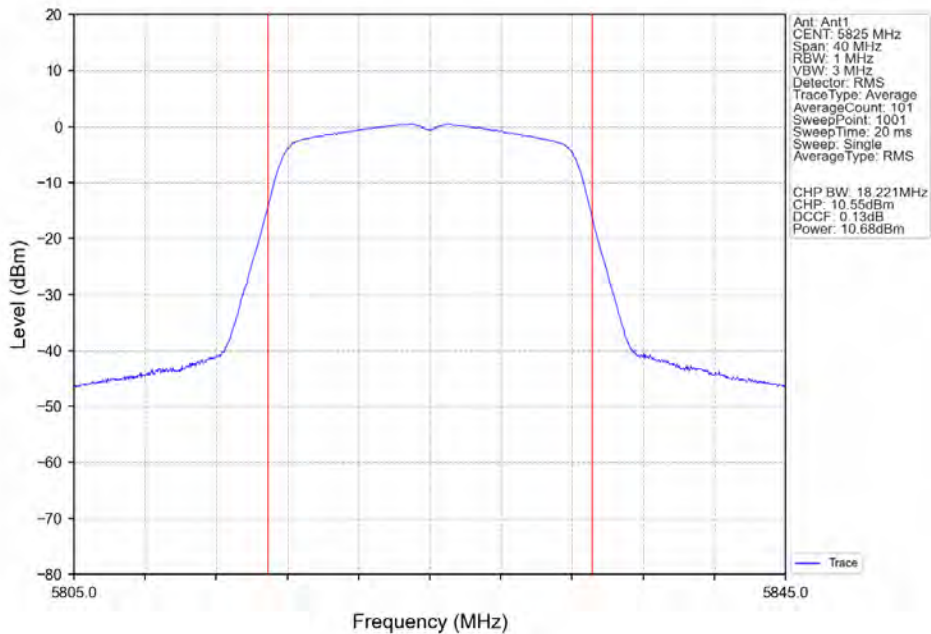




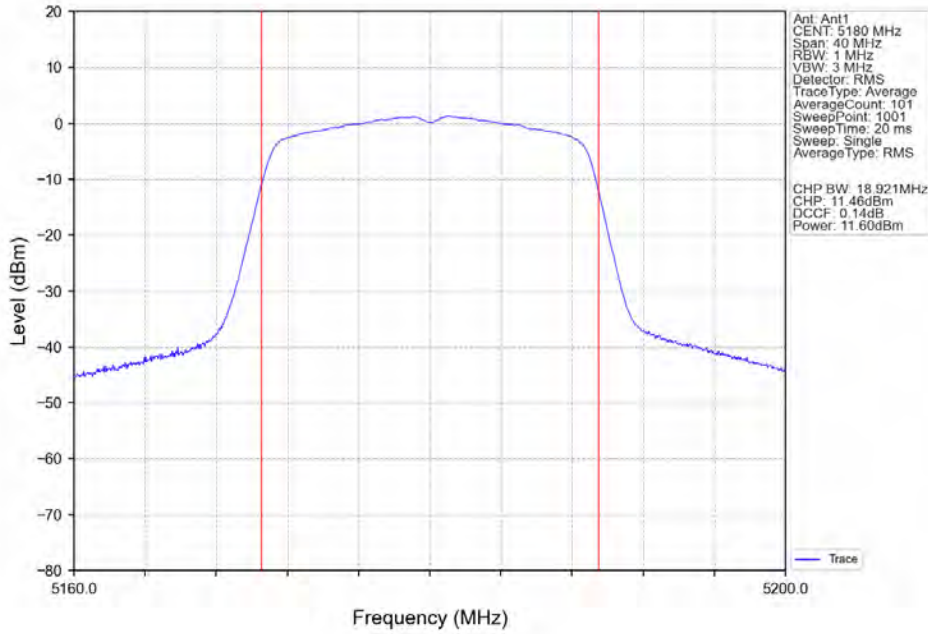
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



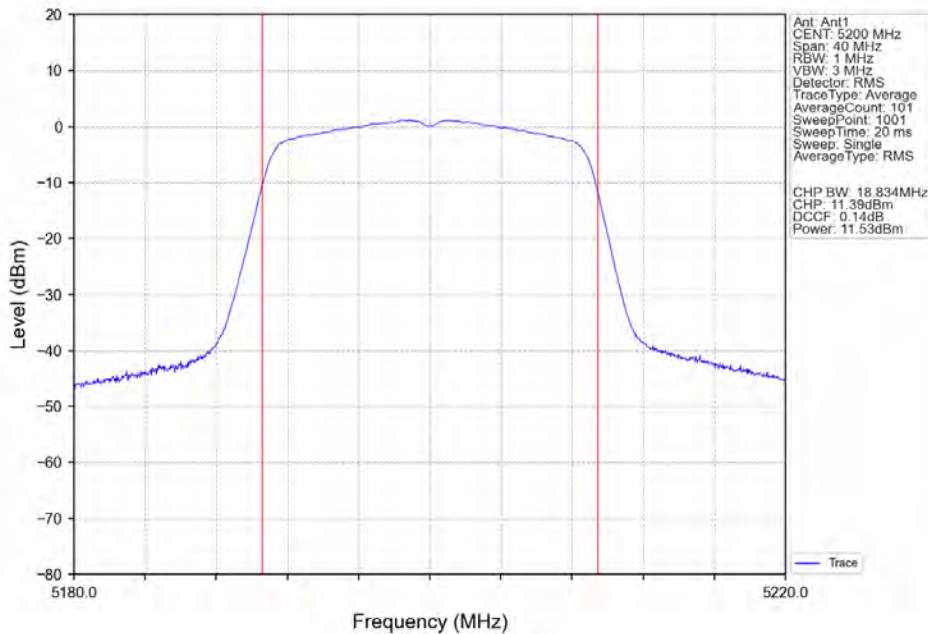
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



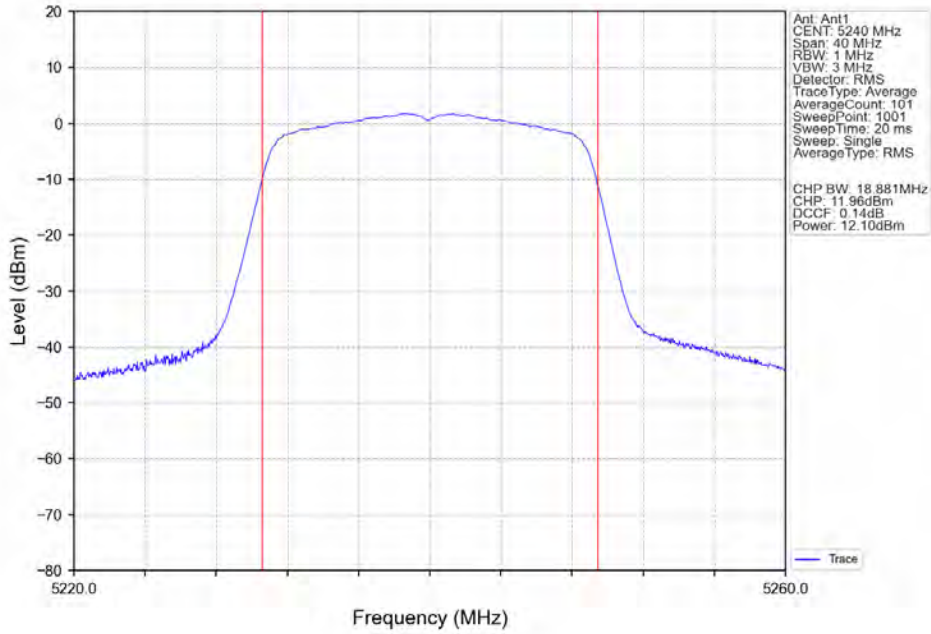
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



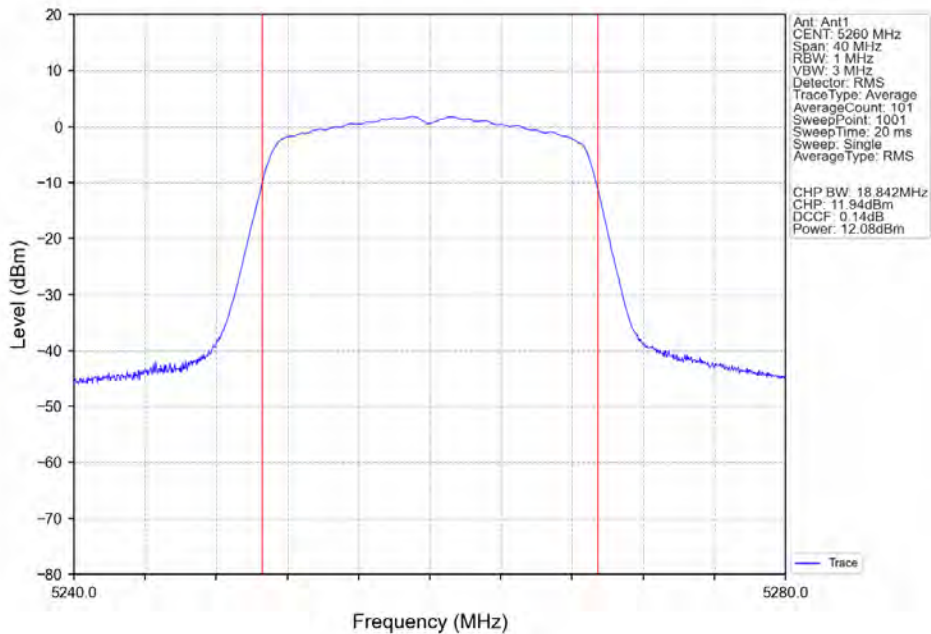
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



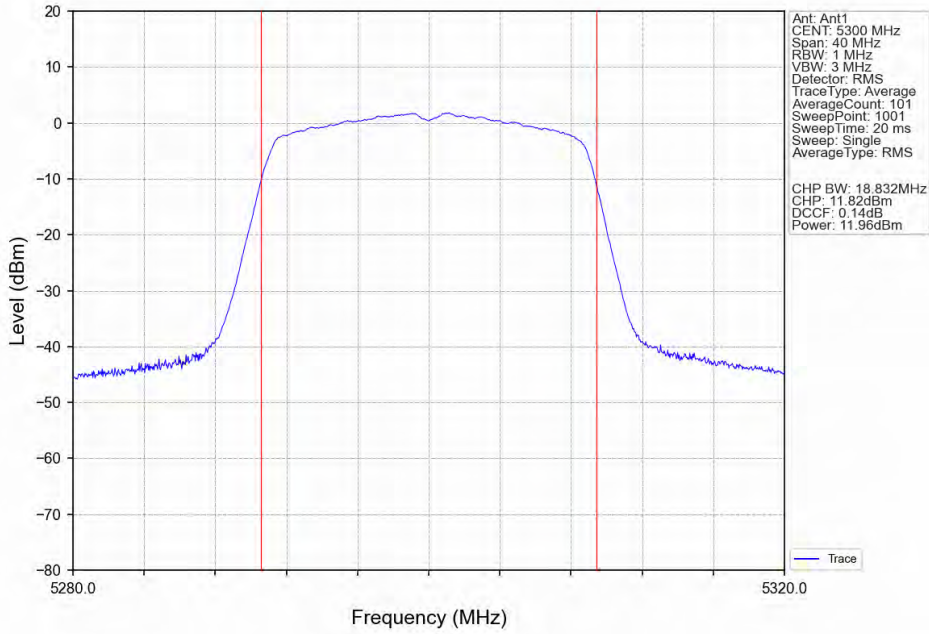
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



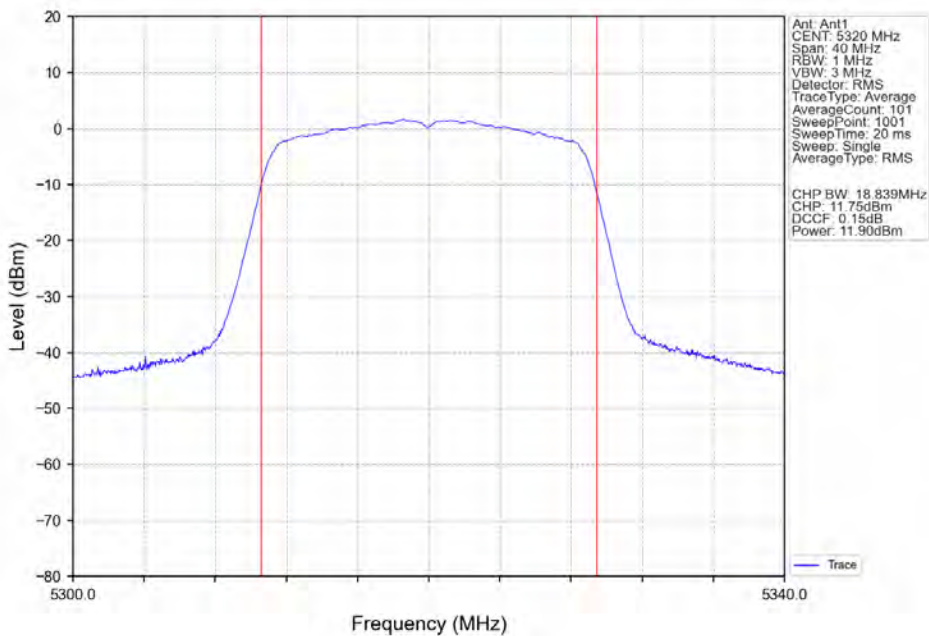
802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



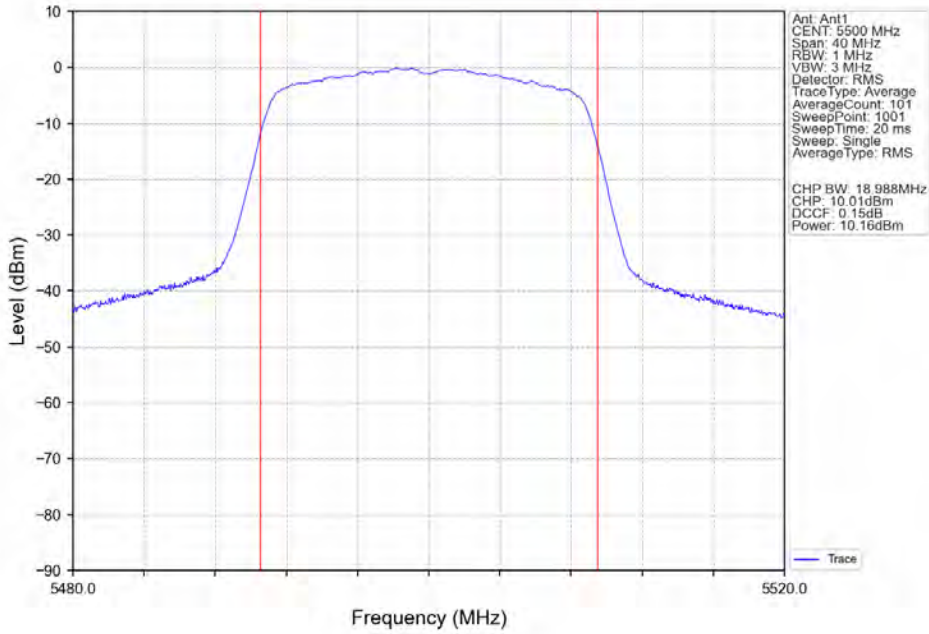
802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



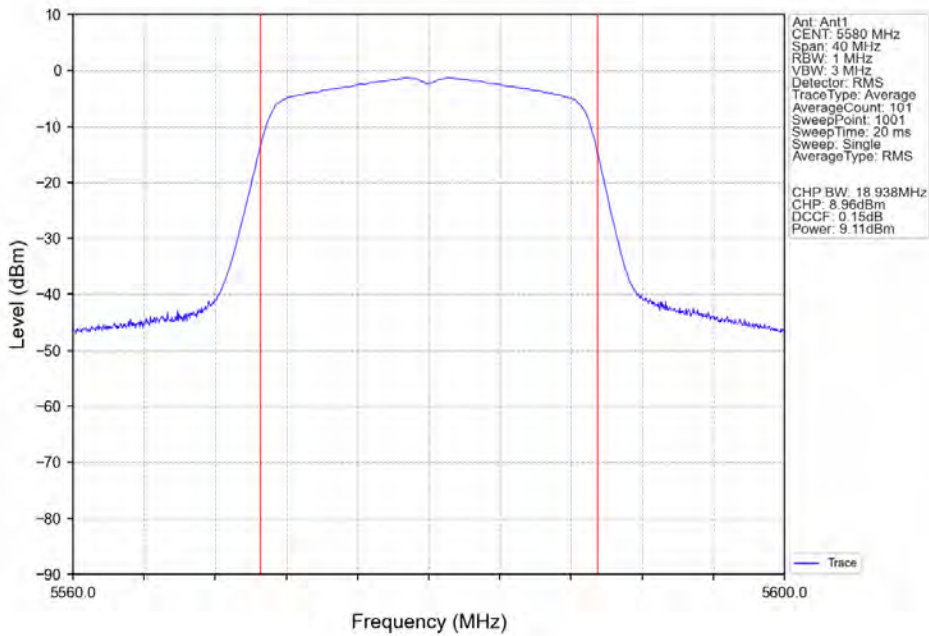
802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV



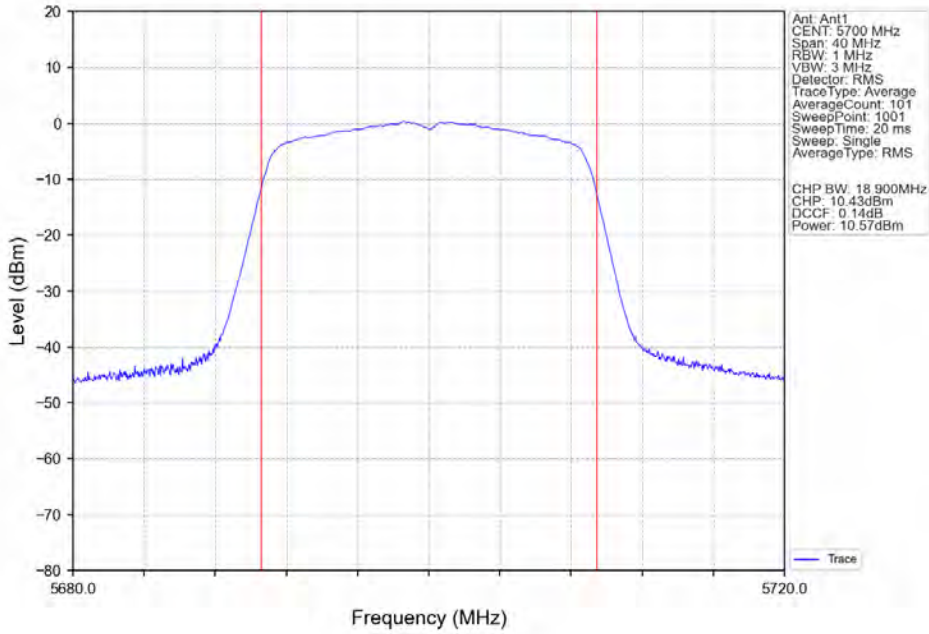
802.11n(HT20)\_LCH\_5500MHz\_Ant1\_NTNV



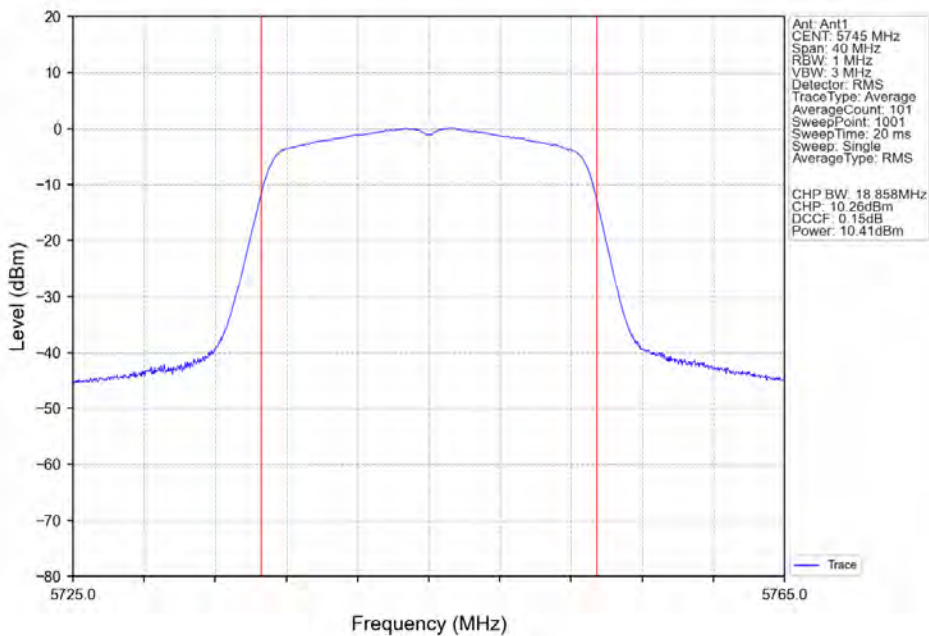
802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV



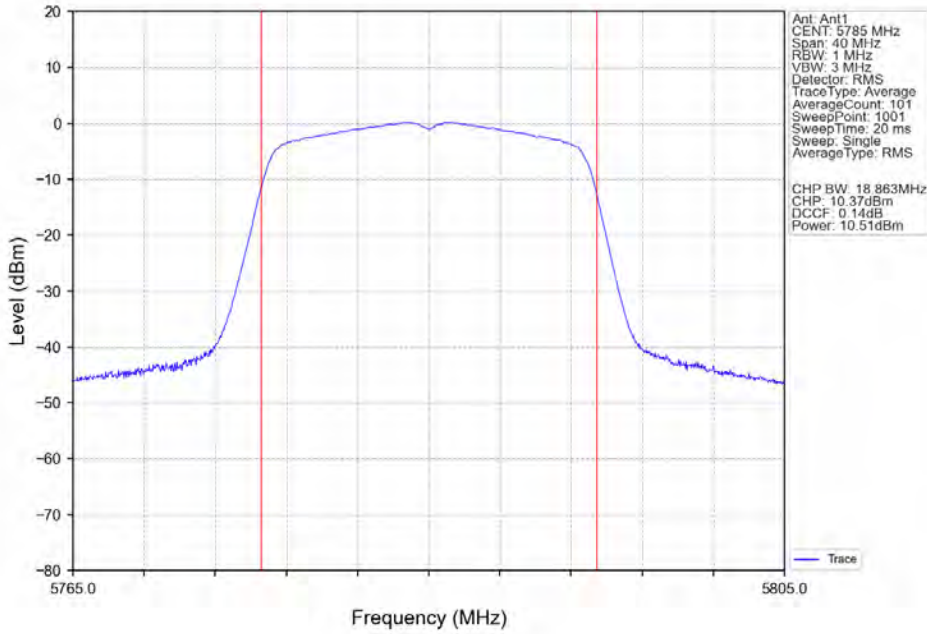
802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



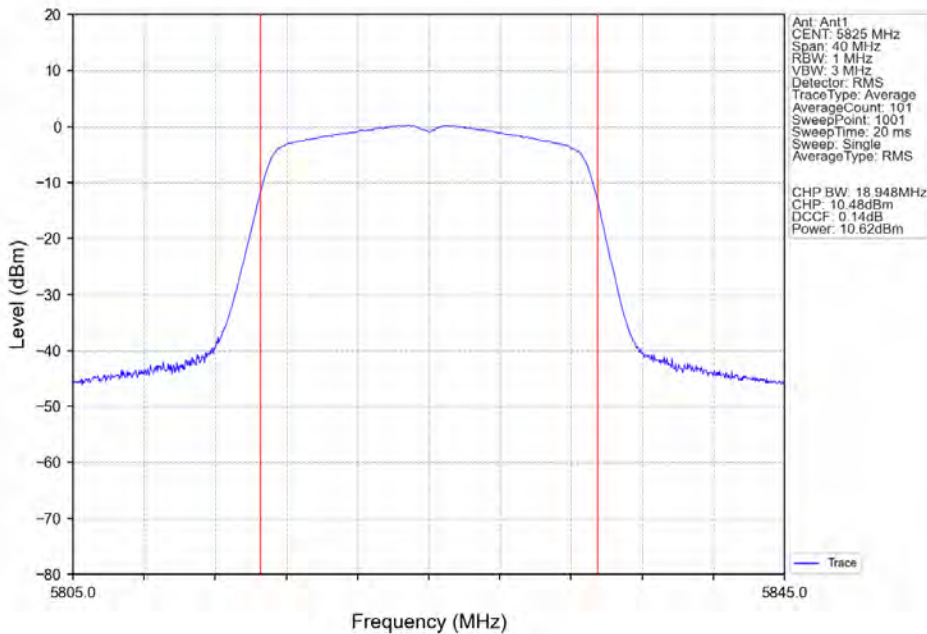
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



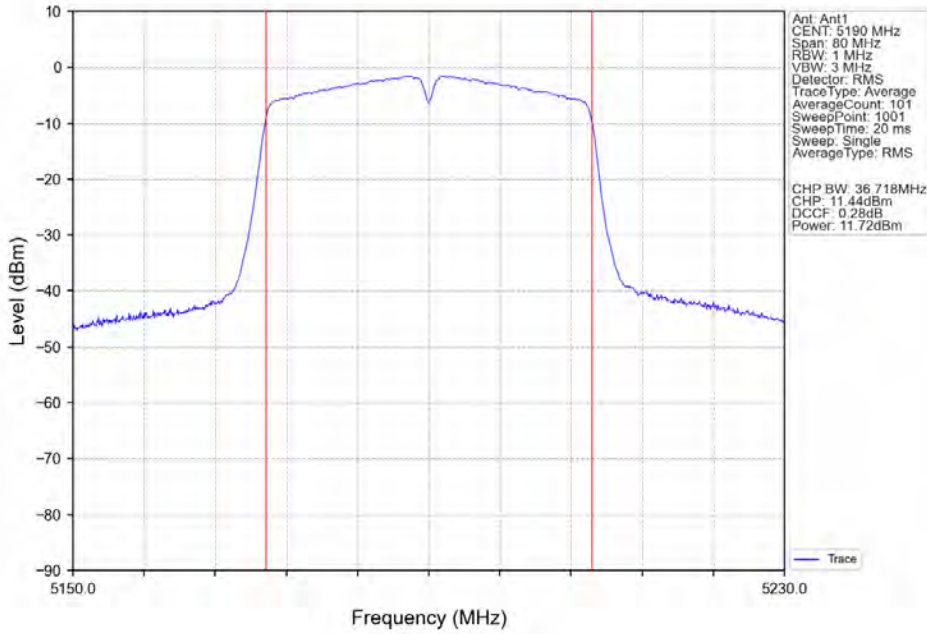
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



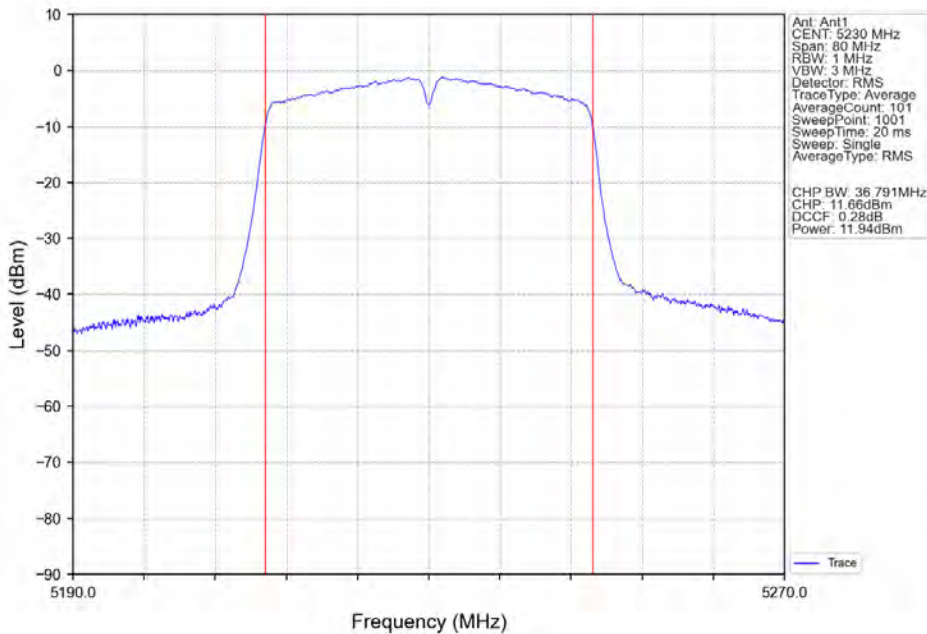
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



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

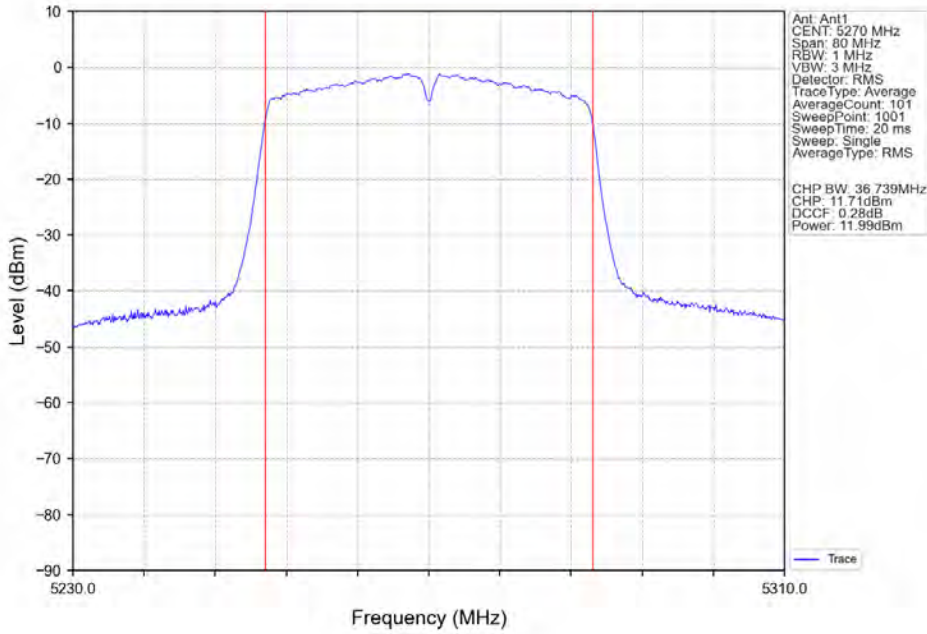


802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV

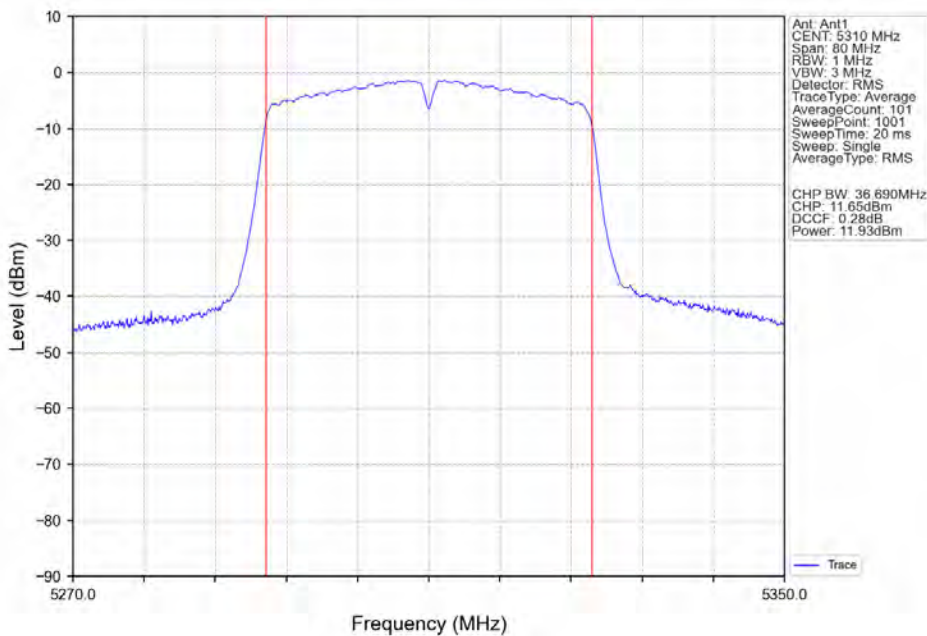




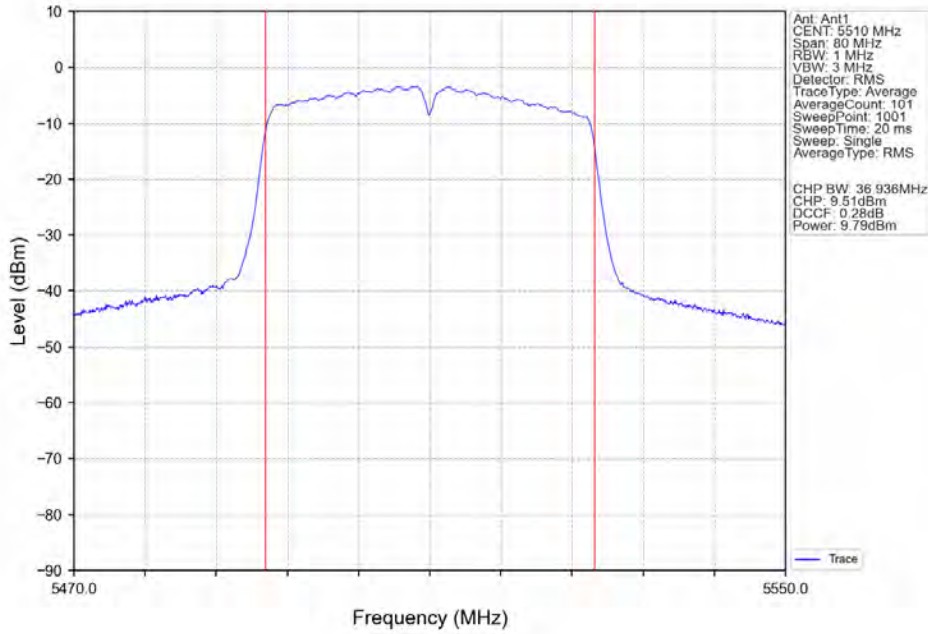
802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



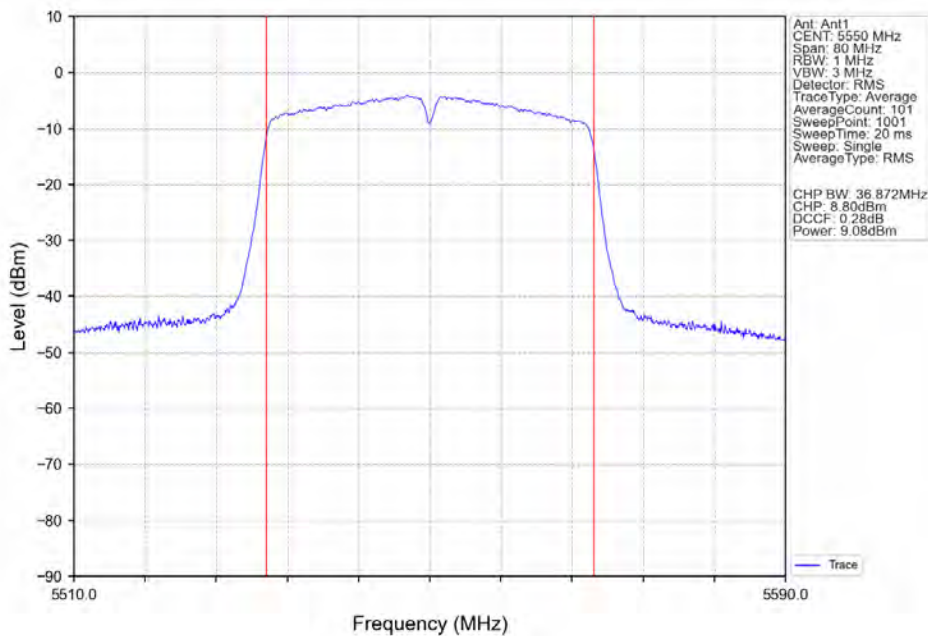
802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



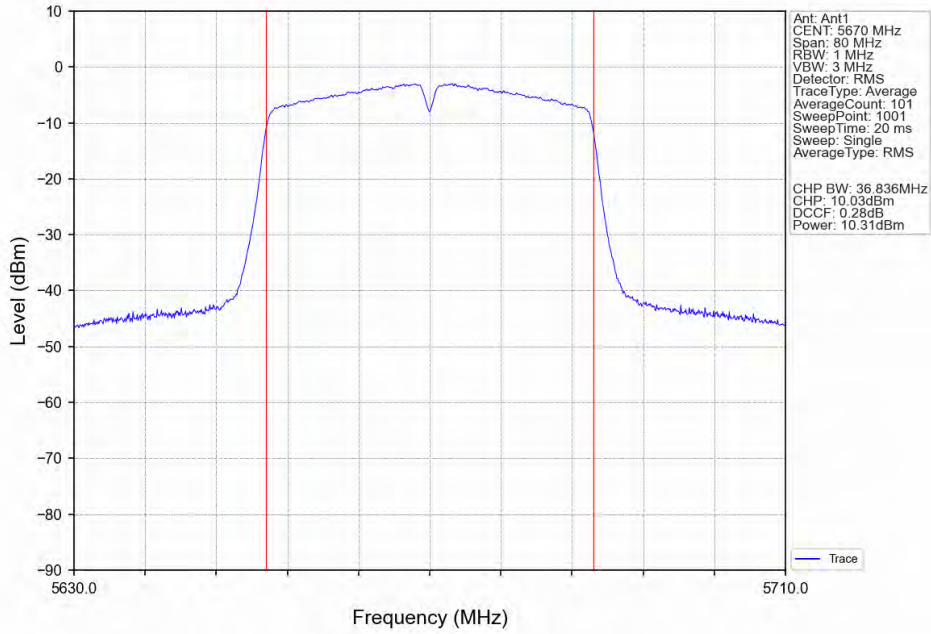
802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



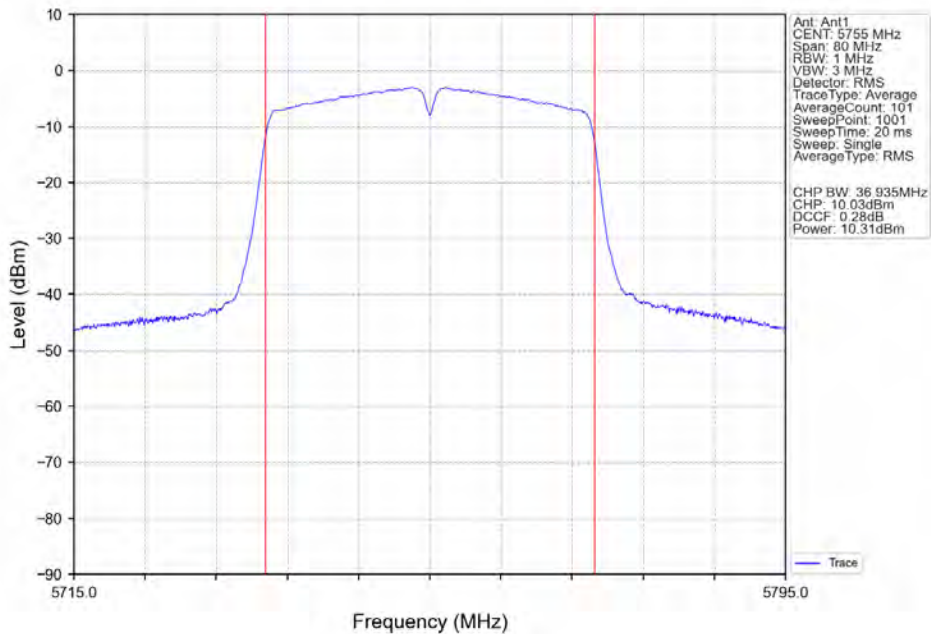
802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV



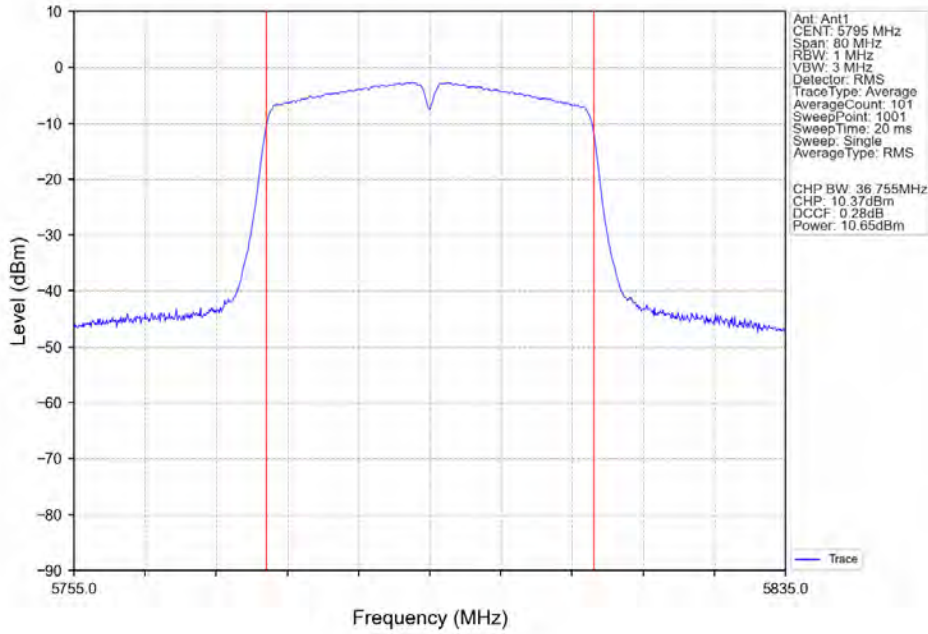
802.11n(HT40)\_HCH\_5670MHz\_Ant1\_NTNV



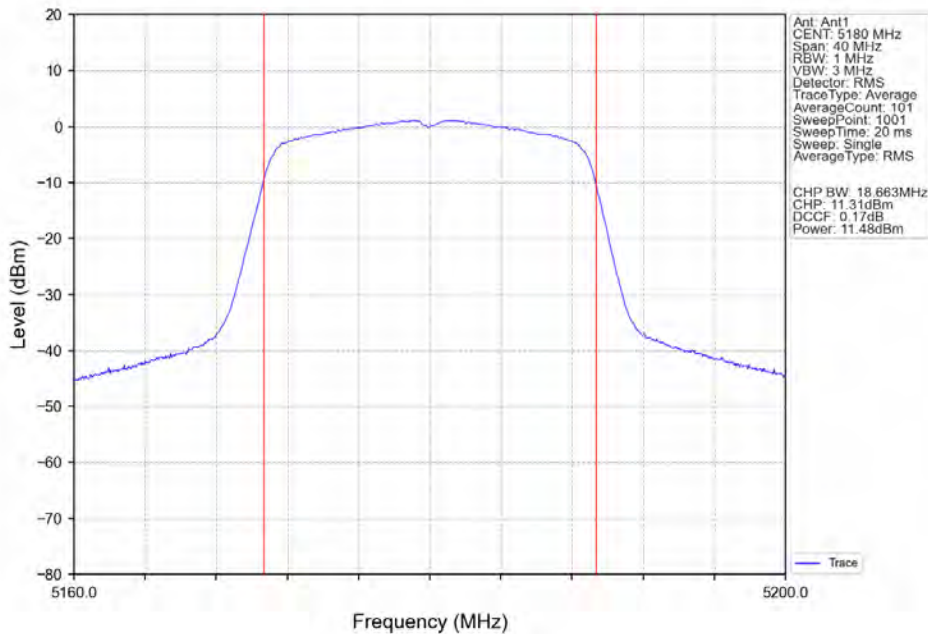
802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



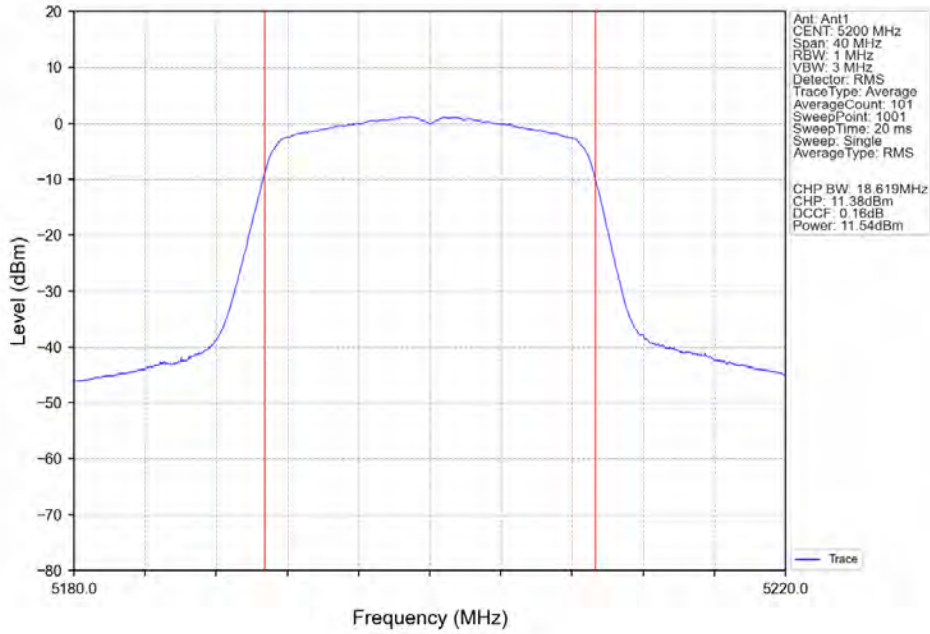
802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



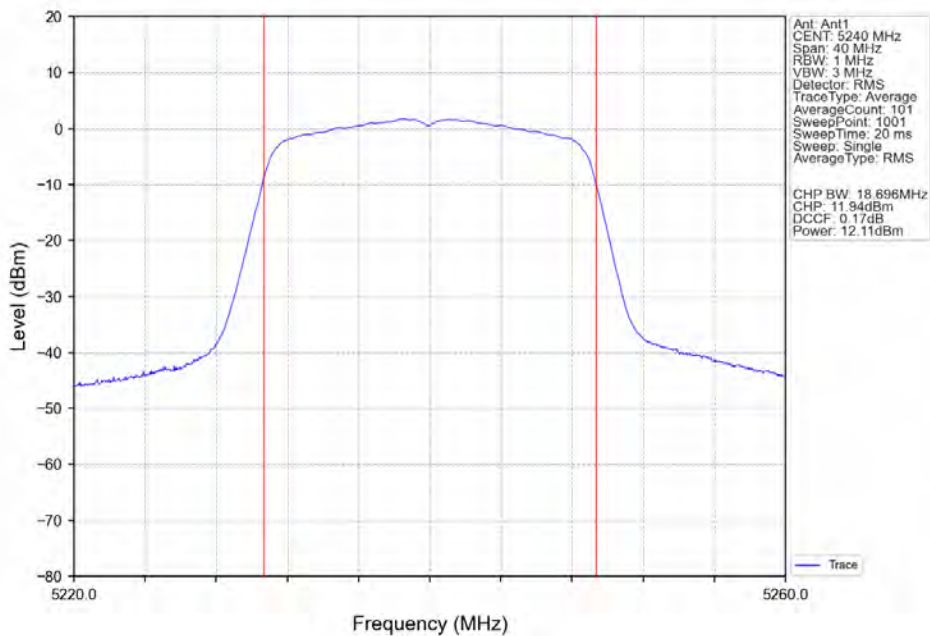
802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



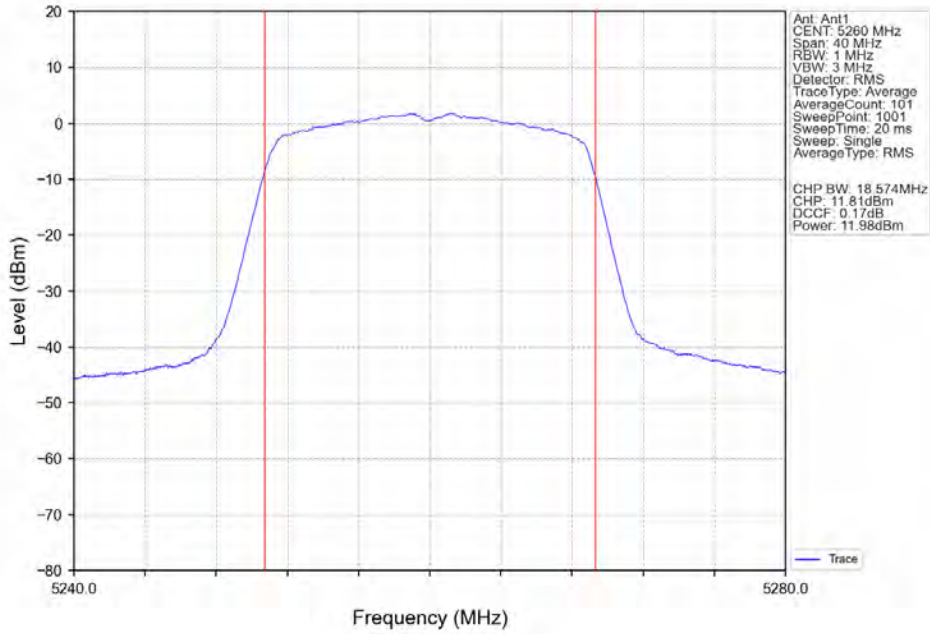
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



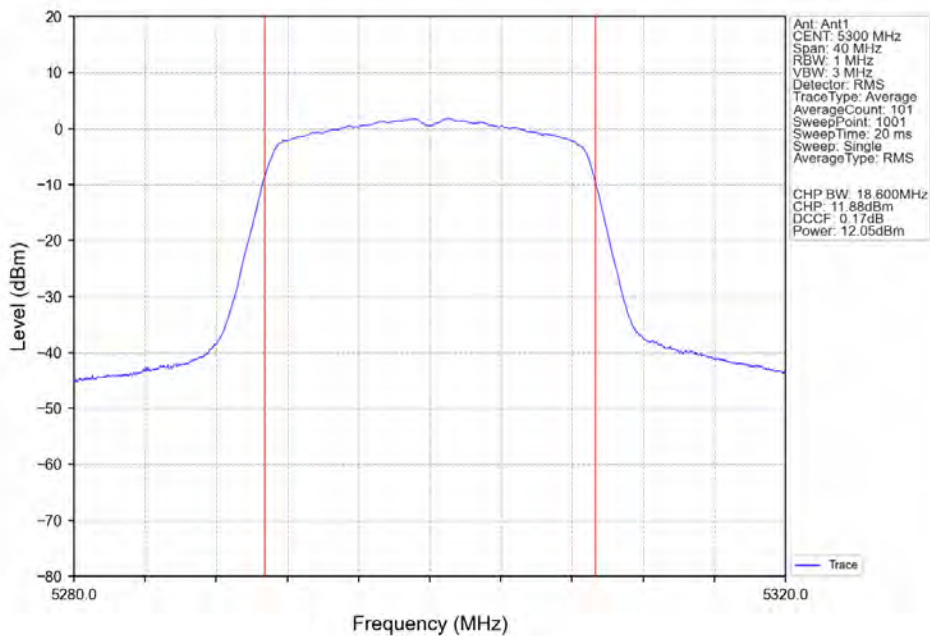
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



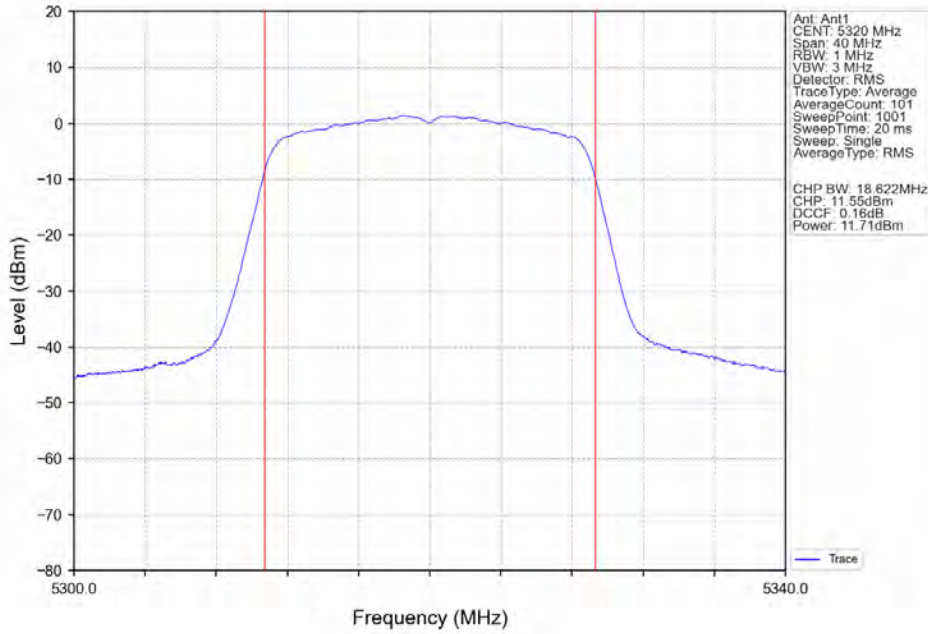
802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



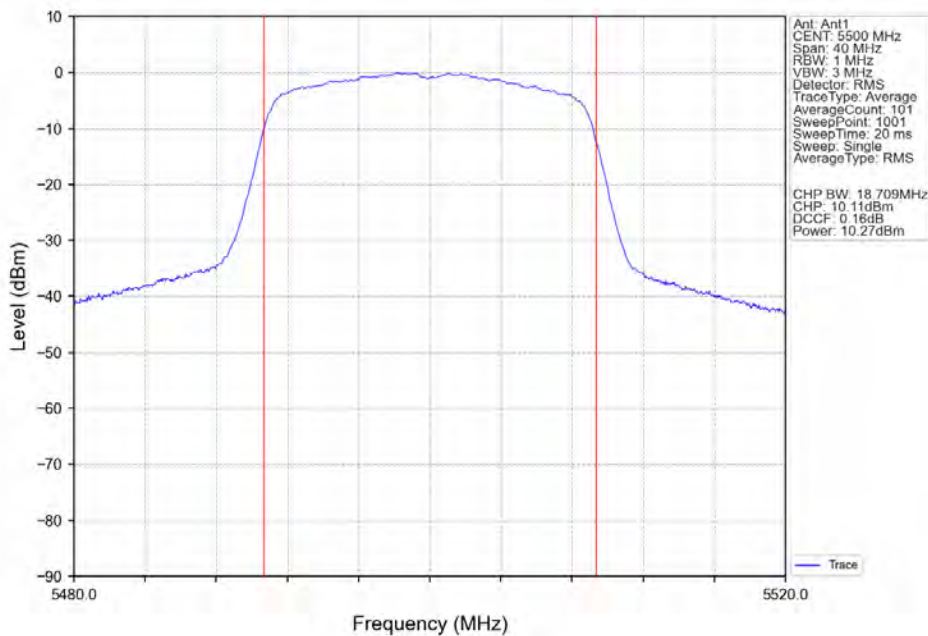
802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



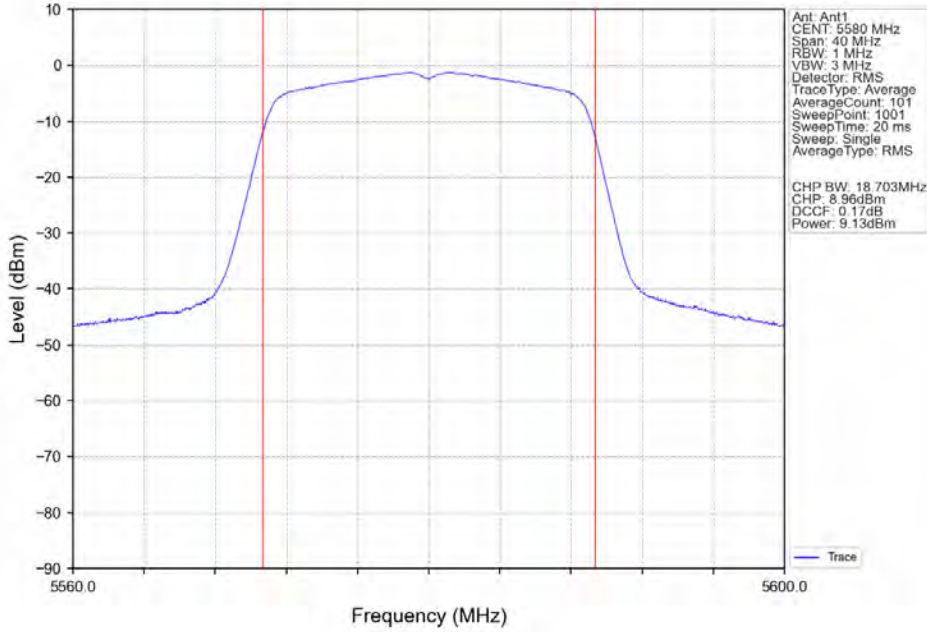
802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



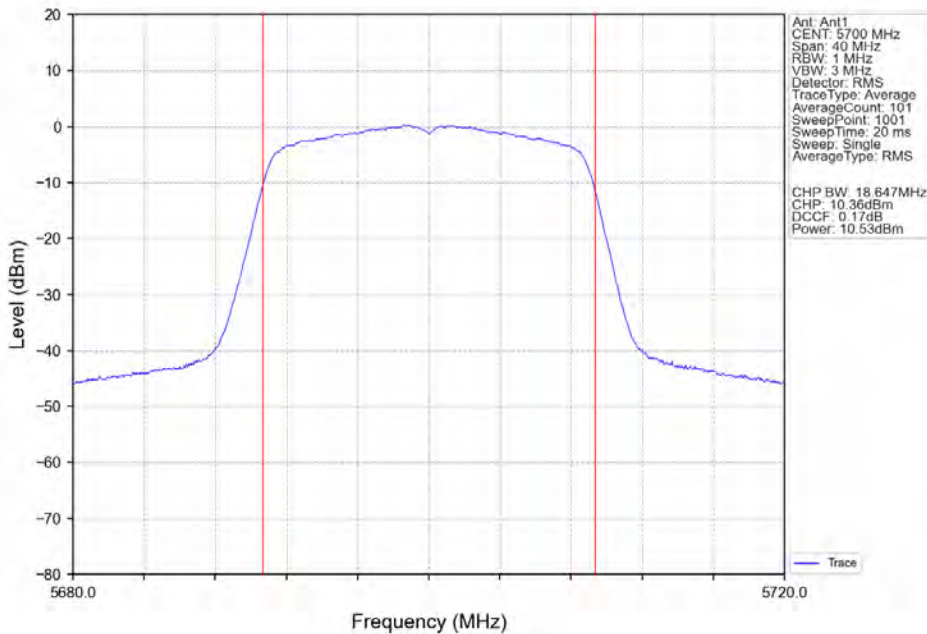
802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV

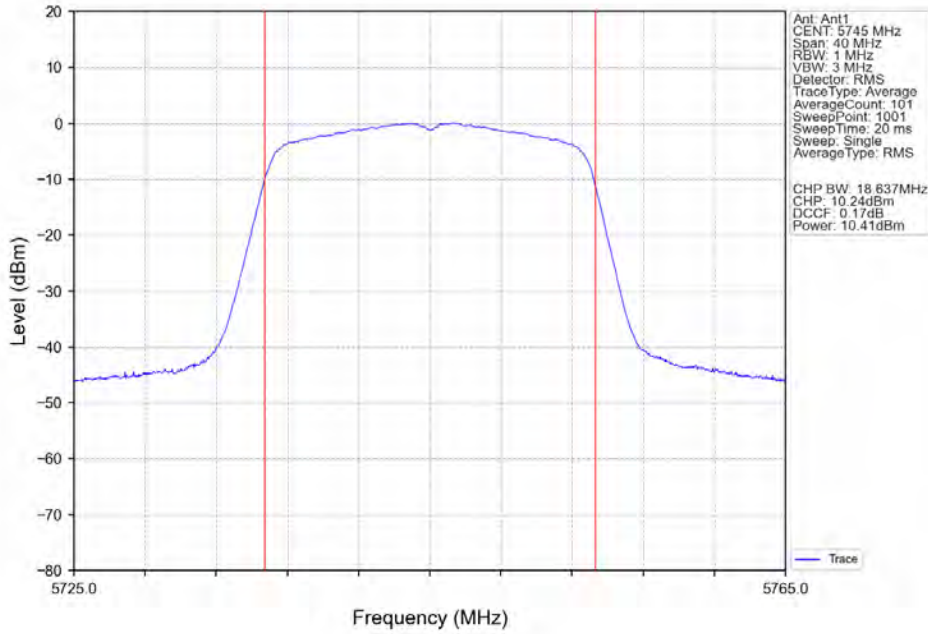


802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV

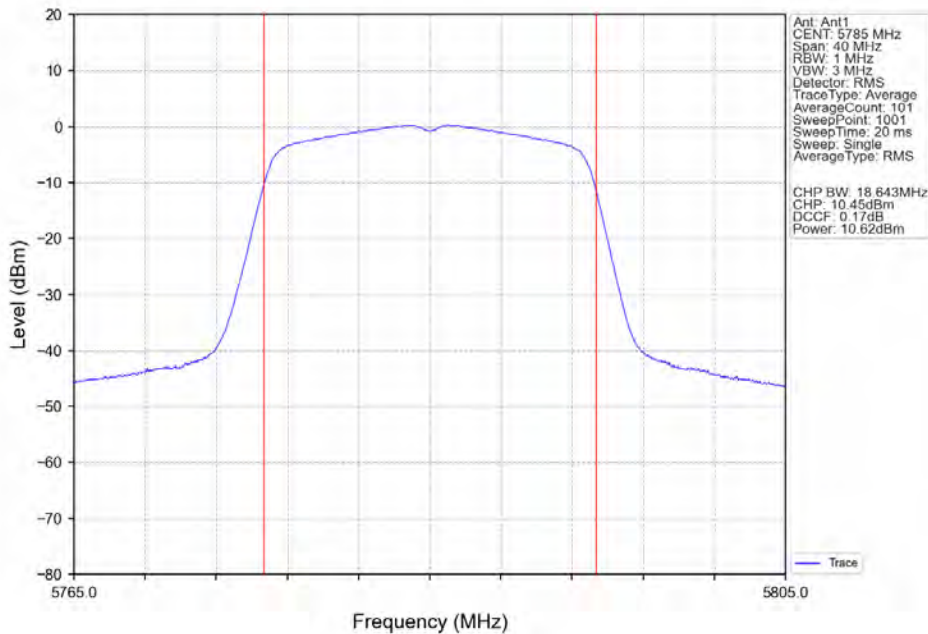




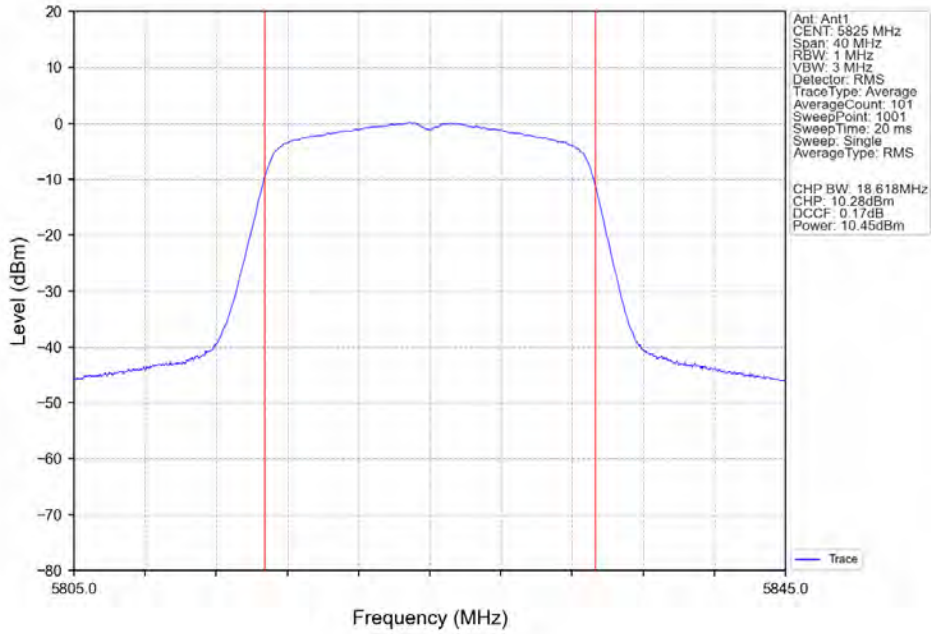
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



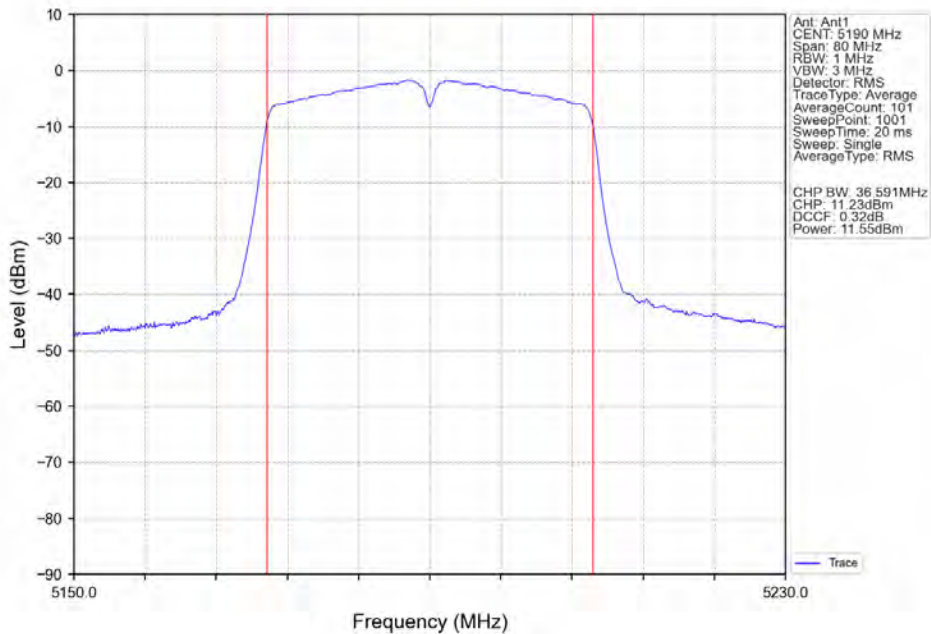
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



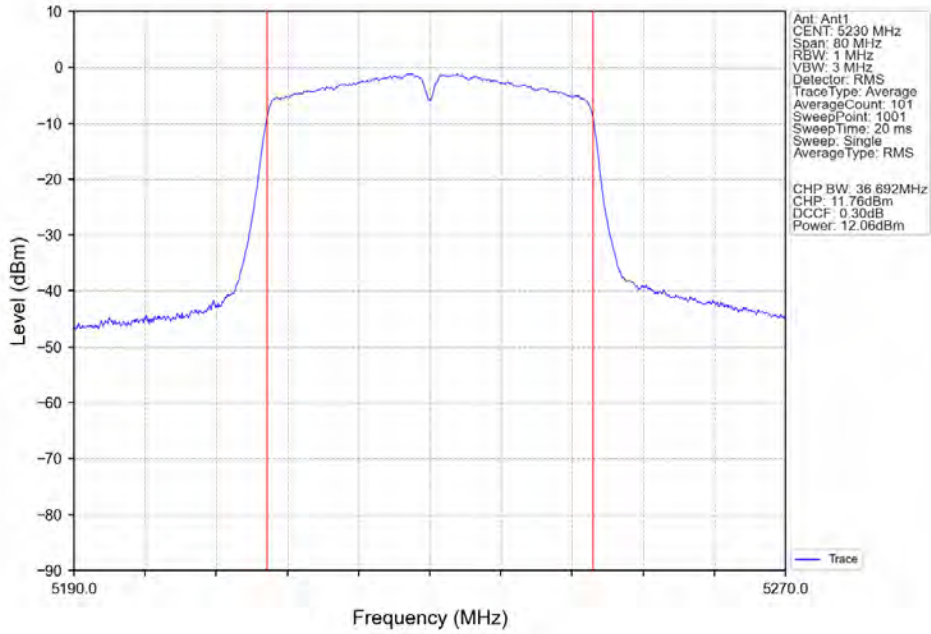
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



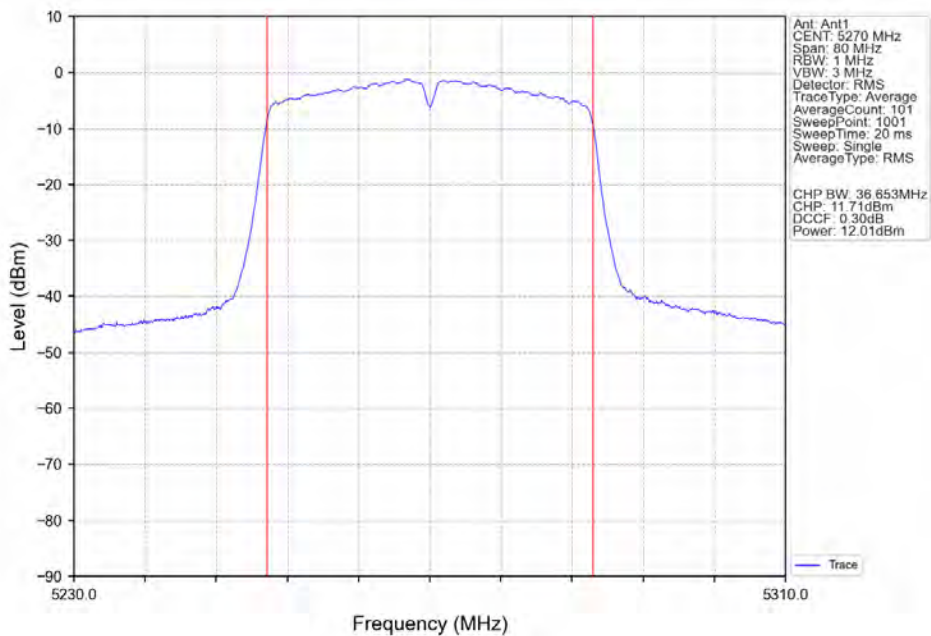
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



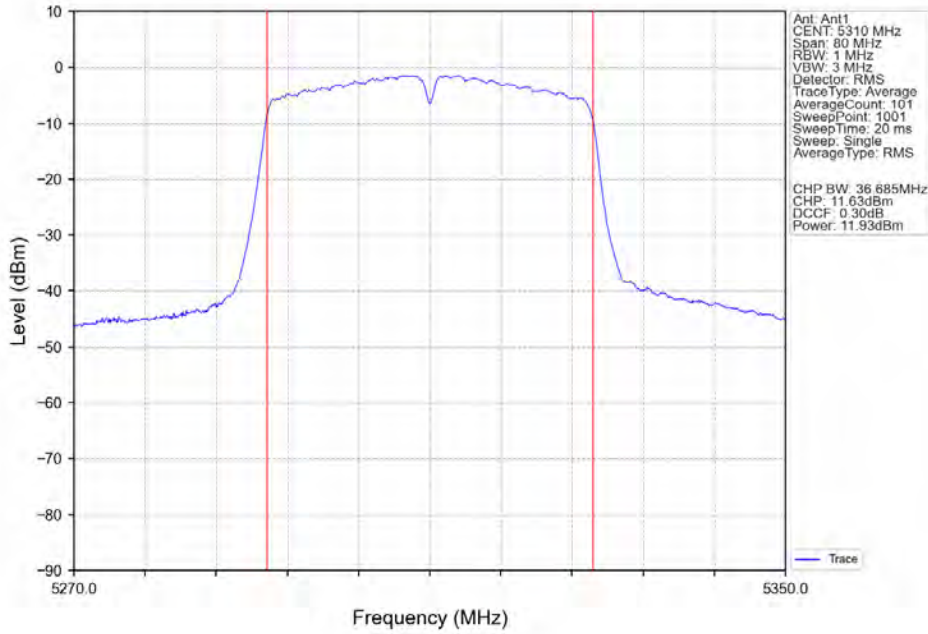
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



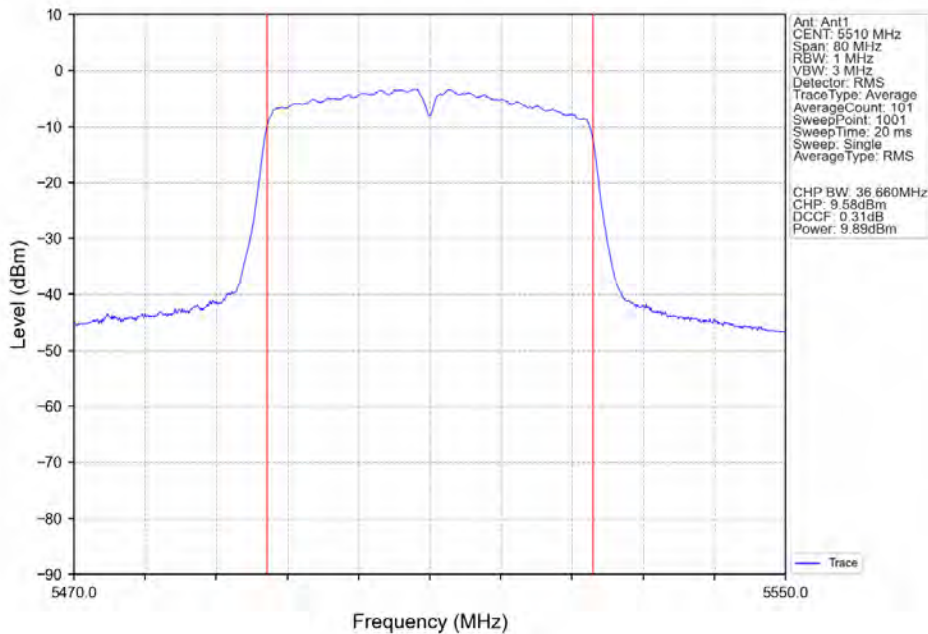
802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



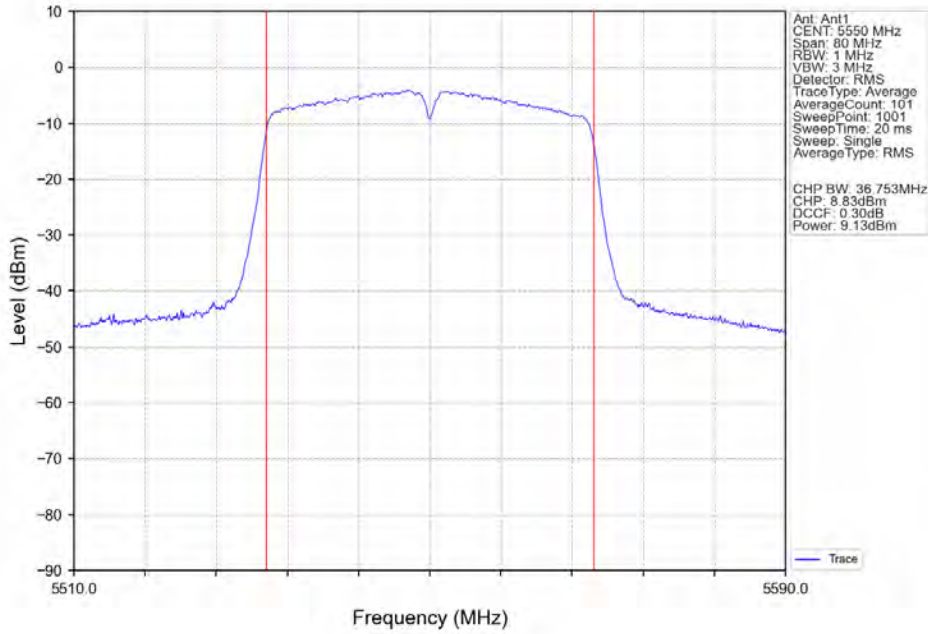
802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



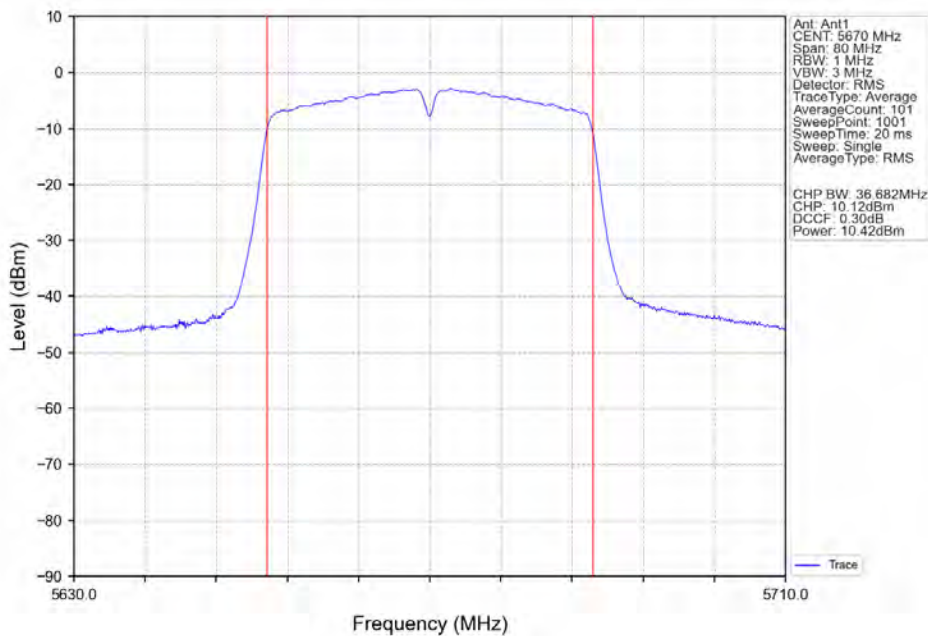
802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



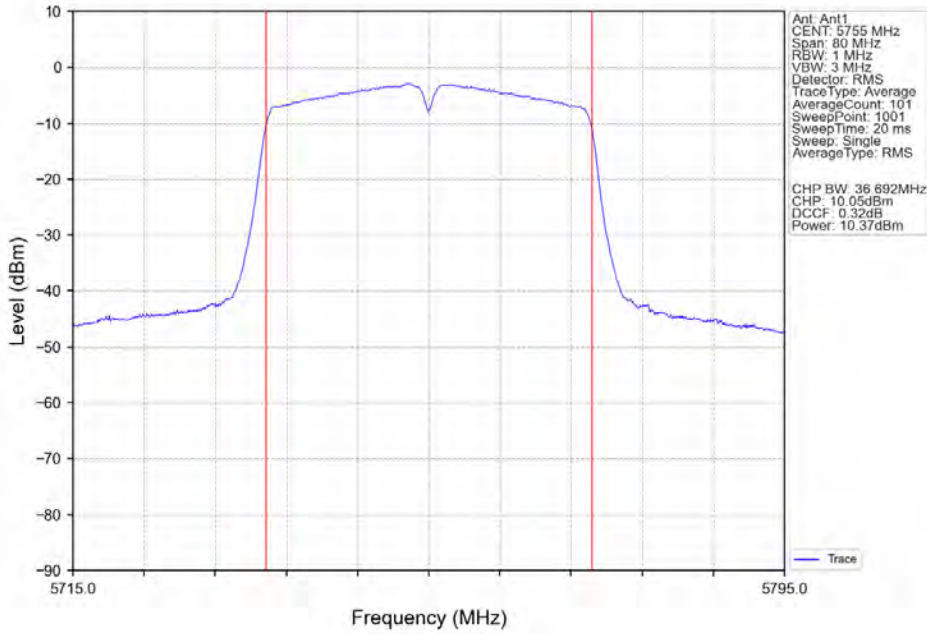
802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



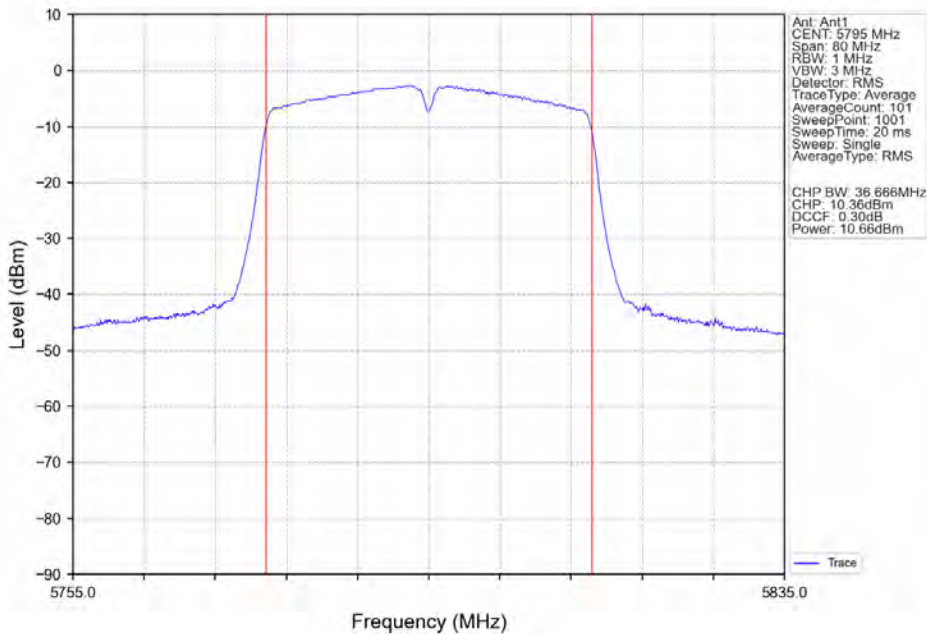
802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



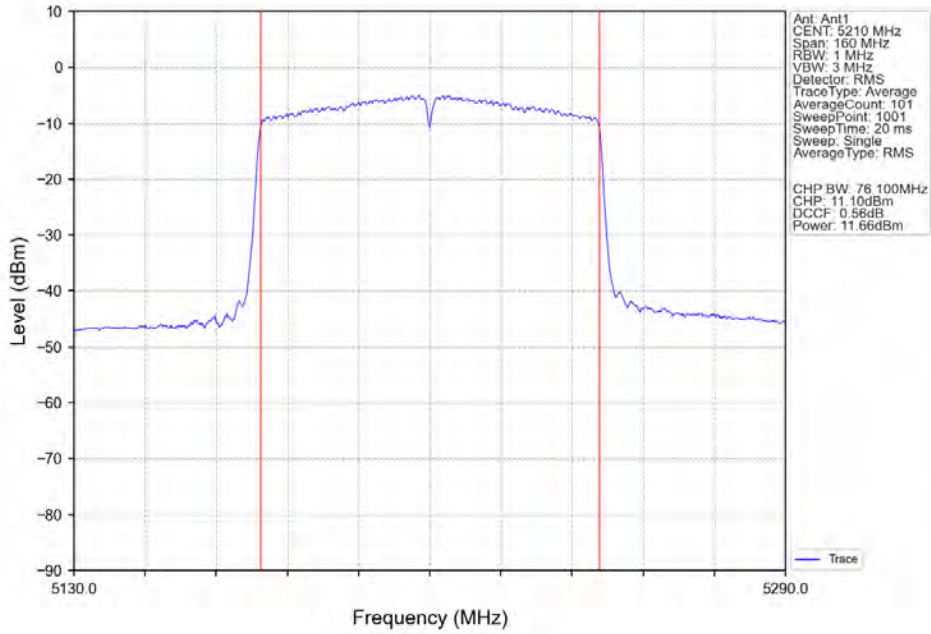
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



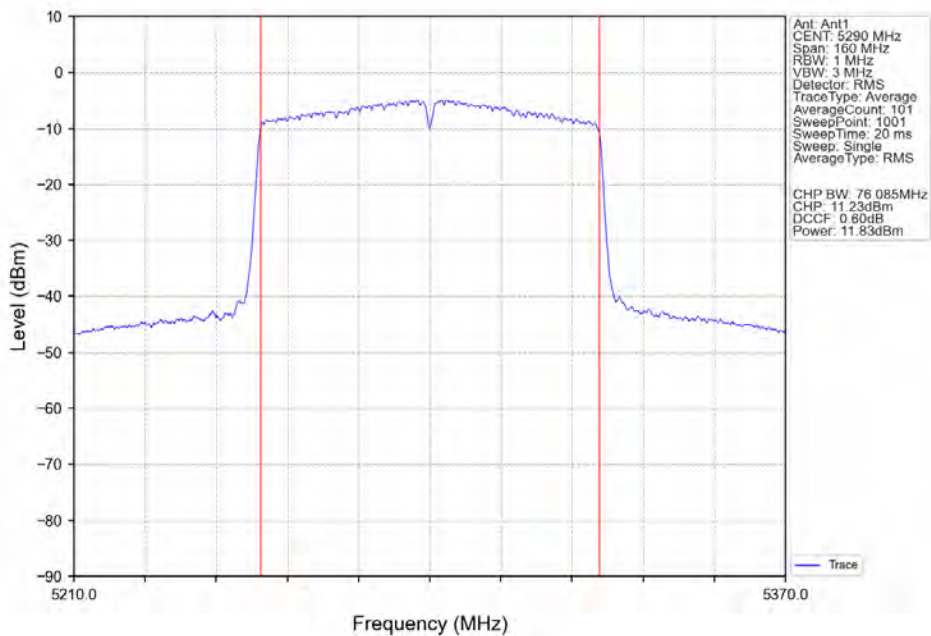
802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



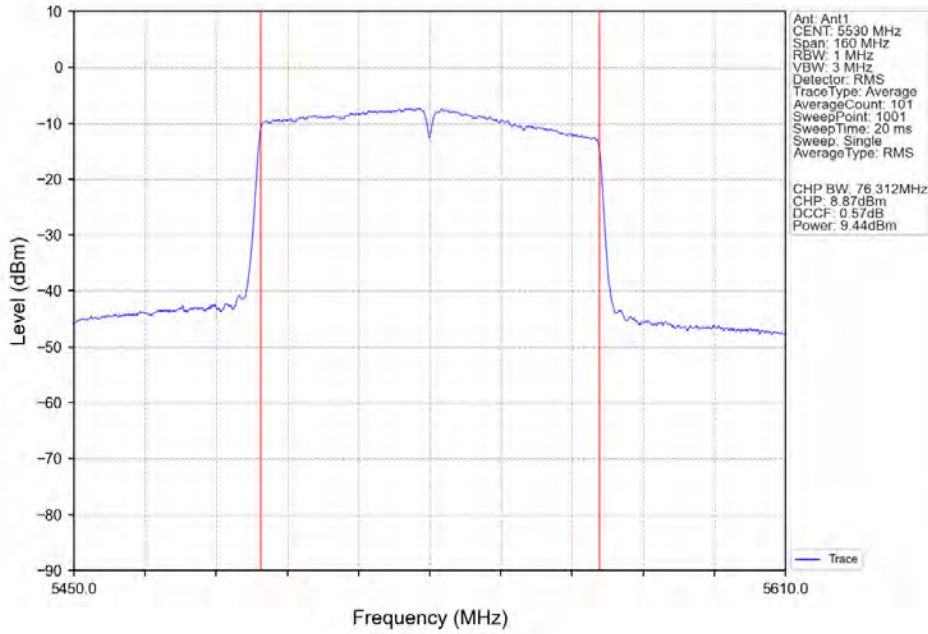
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



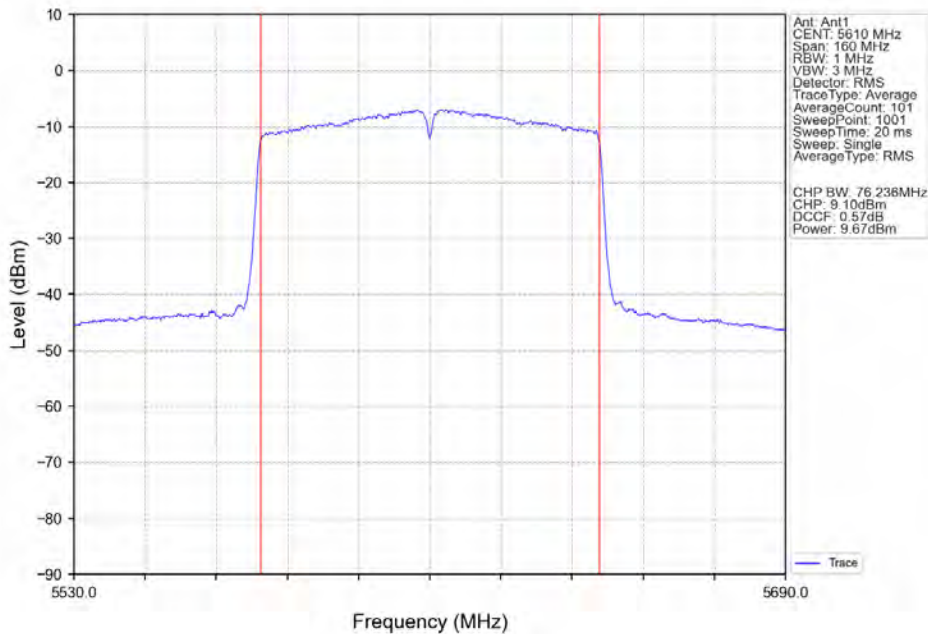
802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV

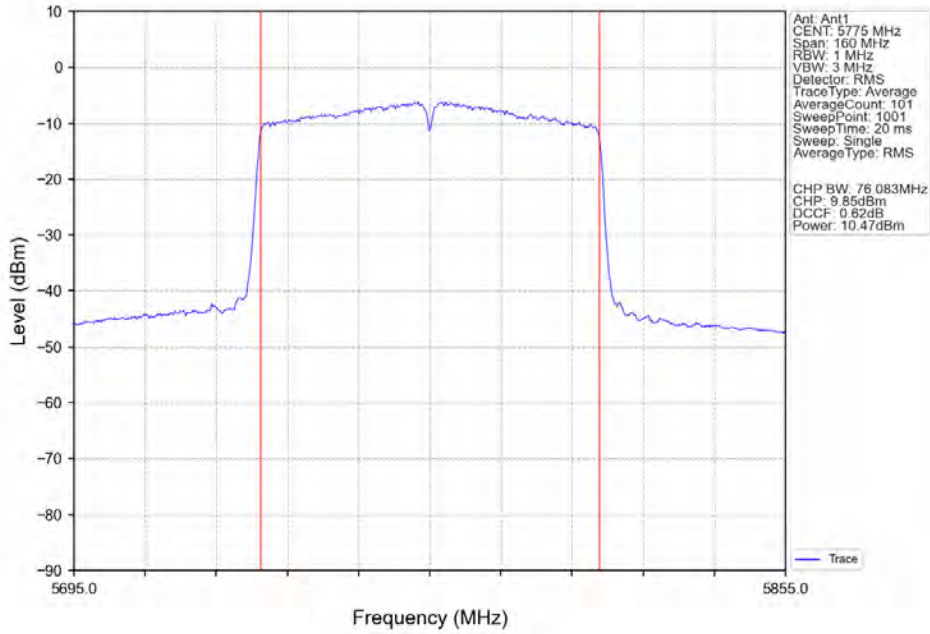


802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV





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	1.63	<=11	Pass
		5200	1.83	<=11	Pass
		5240	2.39	<=11	Pass
		5260	2.55	<=11	Pass
		5300	2.45	<=11	Pass
		5320	2.13	<=11	Pass
		5500	0.56	<=11	Pass
		5580	-0.63	<=11	Pass
802.11n (HT20)	SISO	5180	1.48	<=11	Pass
		5200	1.46	<=11	Pass
		5240	1.96	<=11	Pass
		5260	2.01	<=11	Pass
		5300	1.90	<=11	Pass
		5320	1.82	<=11	Pass
		5500	0.08	<=11	Pass
		5580	-0.97	<=11	Pass
802.11n (HT40)	SISO	5190	-1.08	<=11	Pass
		5230	-0.98	<=11	Pass
		5270	-0.92	<=11	Pass
		5310	-1.08	<=11	Pass
		5510	-2.98	<=11	Pass
		5550	-3.80	<=11	Pass
		5670	-2.64	<=11	Pass
802.11ac (VHT20)	SISO	5180	1.34	<=11	Pass
		5200	1.39	<=11	Pass
		5240	1.98	<=11	Pass
		5260	1.96	<=11	Pass
		5300	2.05	<=11	Pass
		5320	1.68	<=11	Pass

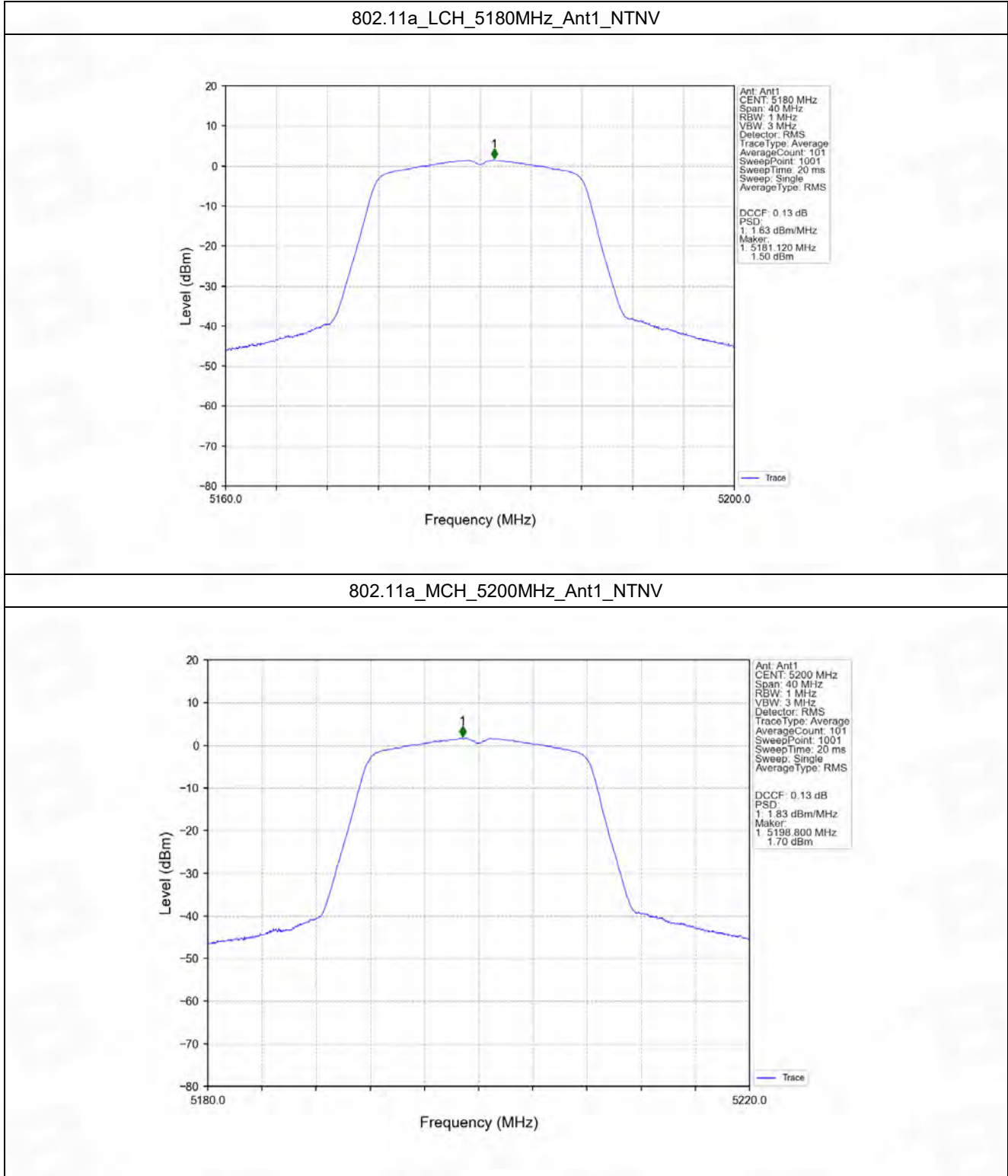
		5500	0.23	<=11	Pass
		5580	-0.98	<=11	Pass
		5700	0.43	<=11	Pass
802.11ac (VHT40)	SISO	5190	-1.36	<=11	Pass
		5230	-0.85	<=11	Pass
		5270	-0.85	<=11	Pass
		5310	-1.06	<=11	Pass
		5510	-2.84	<=11	Pass
		5550	-3.82	<=11	Pass
		5670	-2.57	<=11	Pass
		802.11ac (VHT80)	SISO	5210	-4.51
5290	-4.22			<=11	Pass
5530	-6.70			<=11	Pass
5610	-6.36			<=11	Pass
Note1: Antenna Gain: Ant1: 1.23dBi;					

#### 4.1.2 PSD-Band3

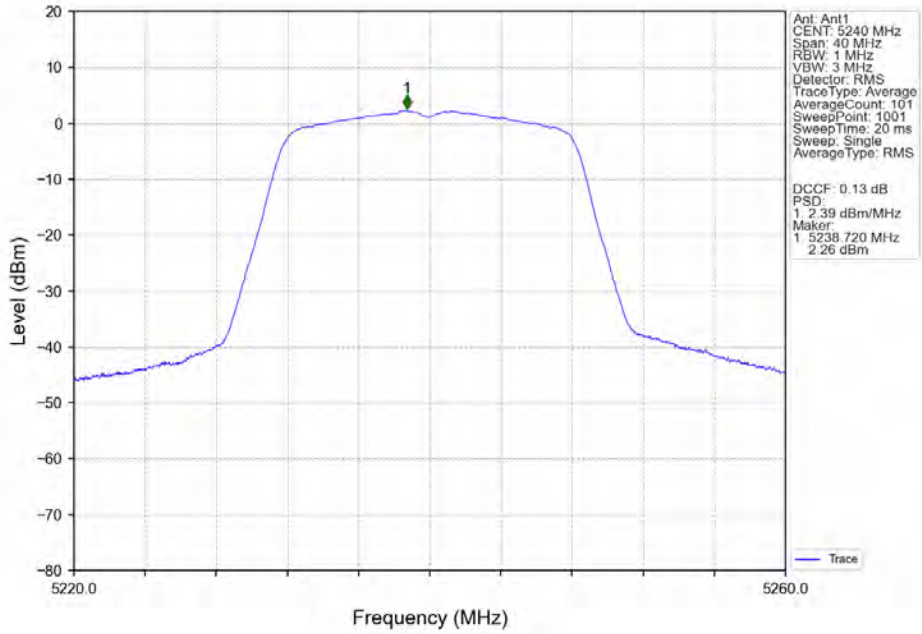
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-1.81	<=30	Pass
		5785	-1.63	<=30	Pass
		5825	-1.81	<=30	Pass
802.11n (HT20)	SISO	5745	-2.16	<=30	Pass
		5785	-2.12	<=30	Pass
		5825	-2.11	<=30	Pass
802.11n (HT40)	SISO	5755	-5.23	<=30	Pass
		5795	-4.90	<=30	Pass
802.11ac (VHT20)	SISO	5745	-2.24	<=30	Pass
		5785	-2.03	<=30	Pass
		5825	-2.25	<=30	Pass
802.11ac (VHT40)	SISO	5755	-5.18	<=30	Pass
		5795	-4.92	<=30	Pass
802.11ac (VHT80)	SISO	5775	-7.94	<=30	Pass
Note1: Antenna Gain: Ant1: 1.23dBi;					

## 4.2 Test Graph

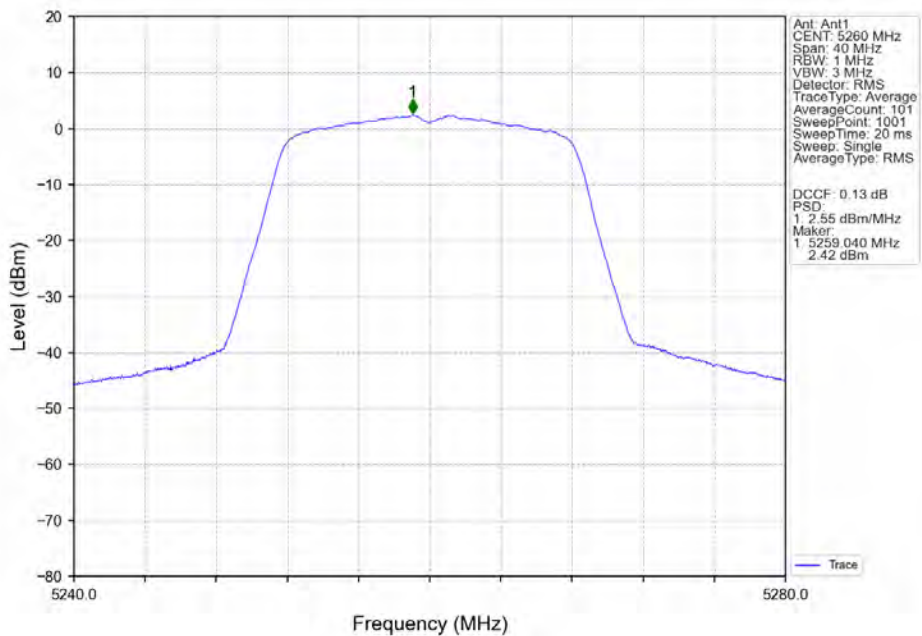
### 4.2.1 PSD



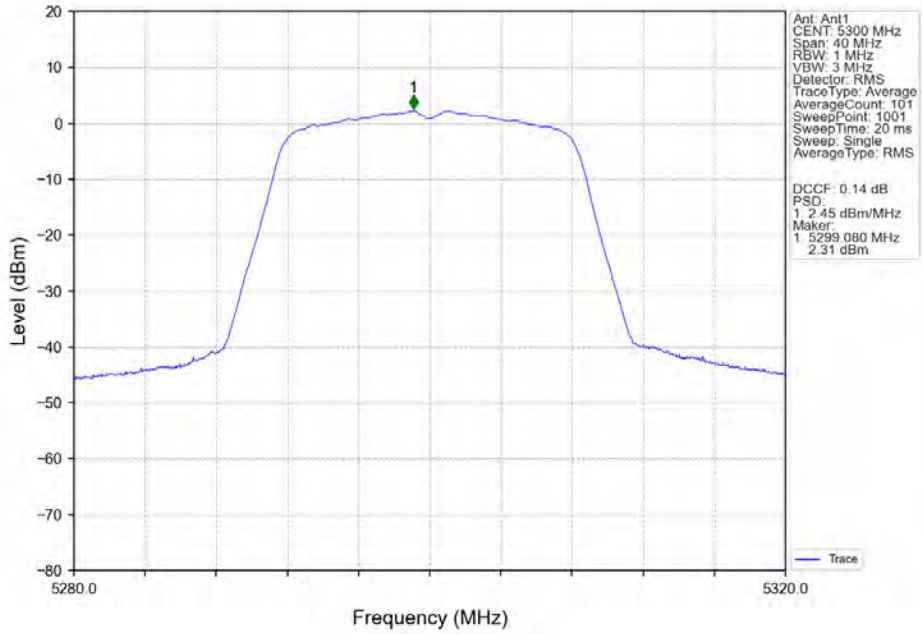
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



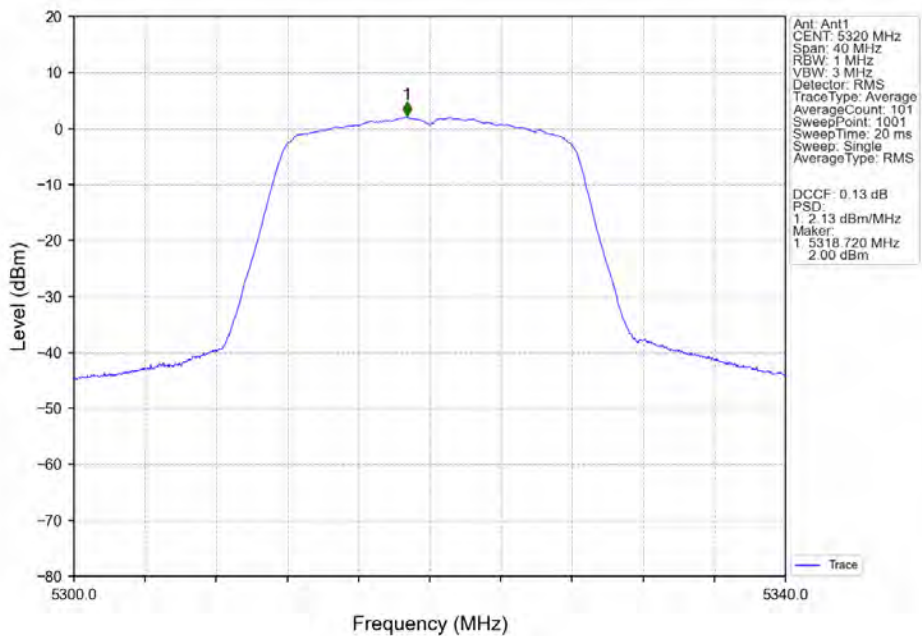
802.11a\_LCH\_5260MHz\_Ant1\_NTNV



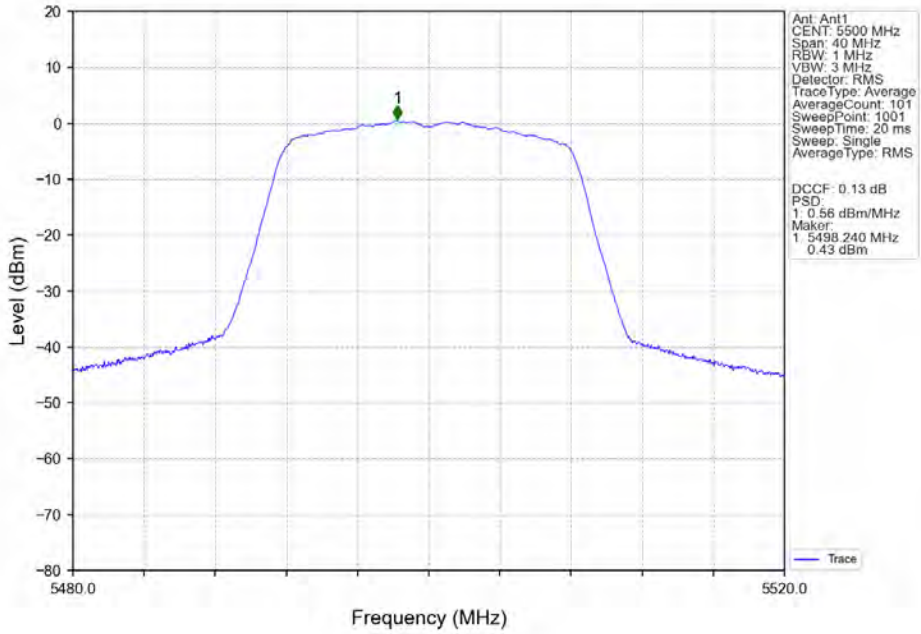
802.11a\_MCH\_5300MHz\_Ant1\_NTNV



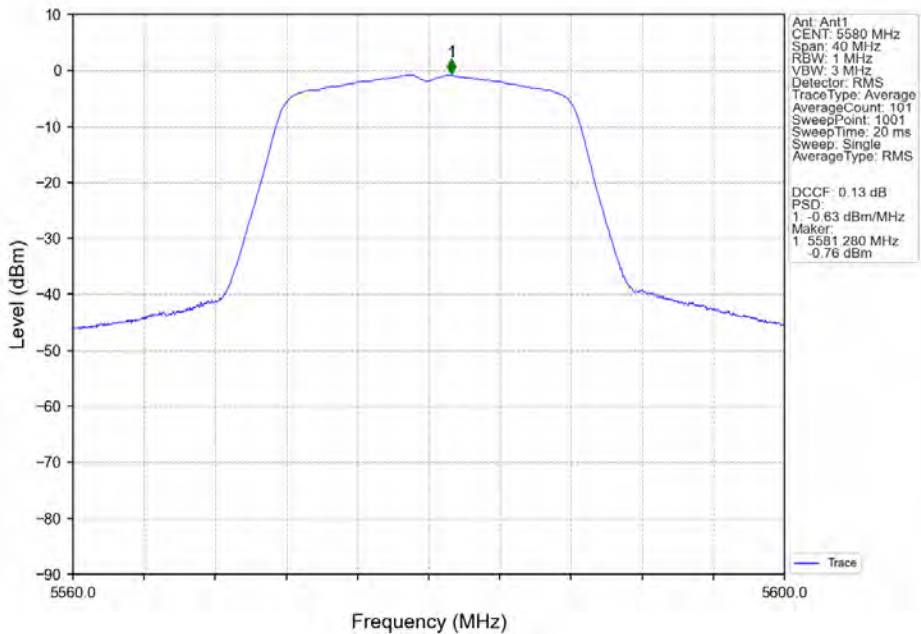
802.11a\_HCH\_5320MHz\_Ant1\_NTNV



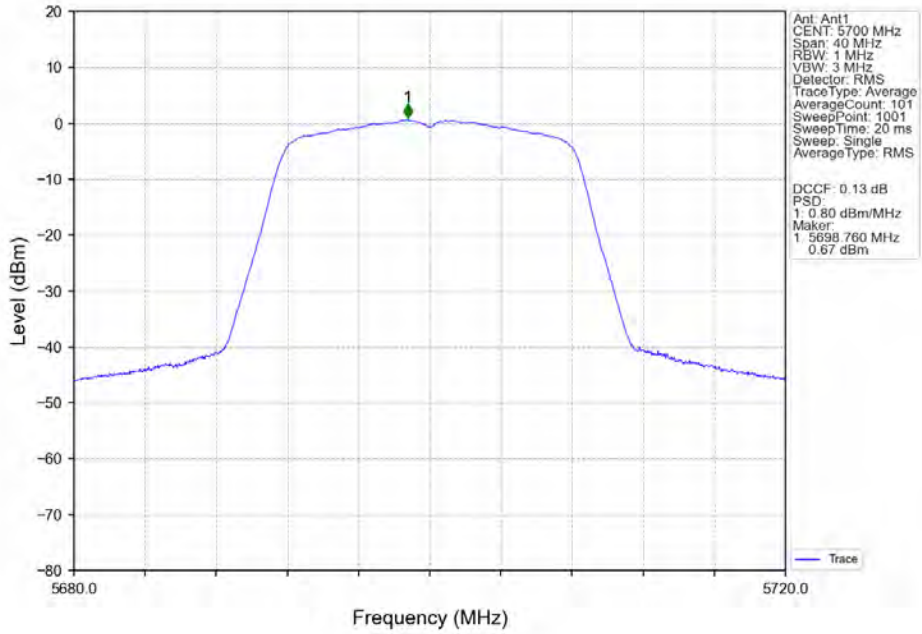
802.11a\_LCH\_5500MHz\_Ant1\_NTNV



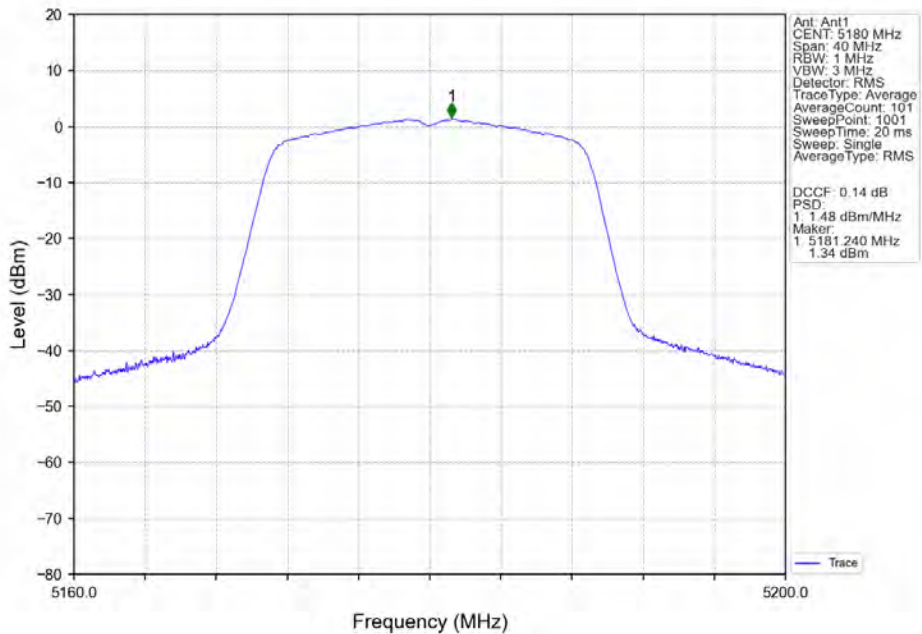
802.11a\_MCH\_5580MHz\_Ant1\_NTNV



802.11a\_HCH\_5700MHz\_Ant1\_NTNV

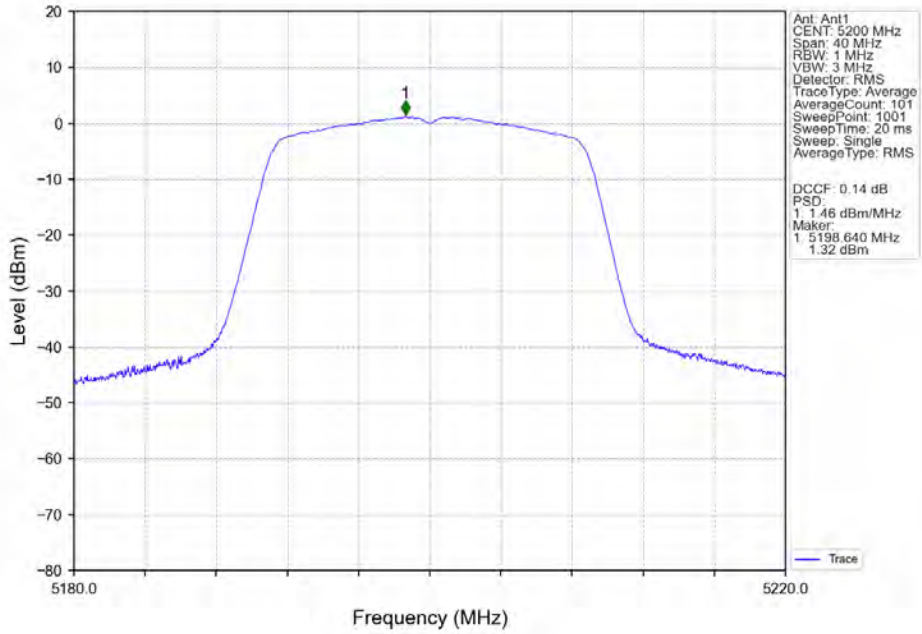


802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV

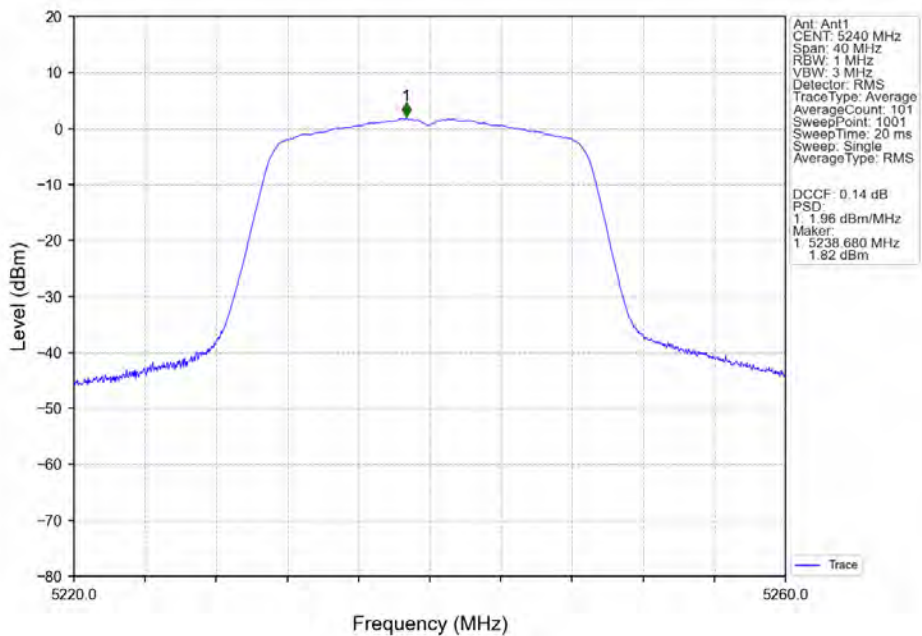




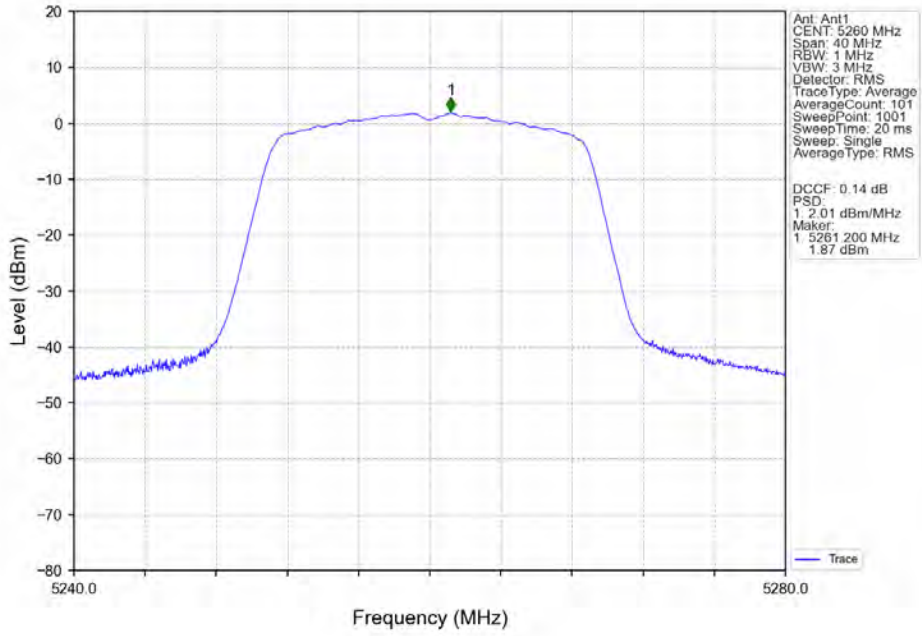
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



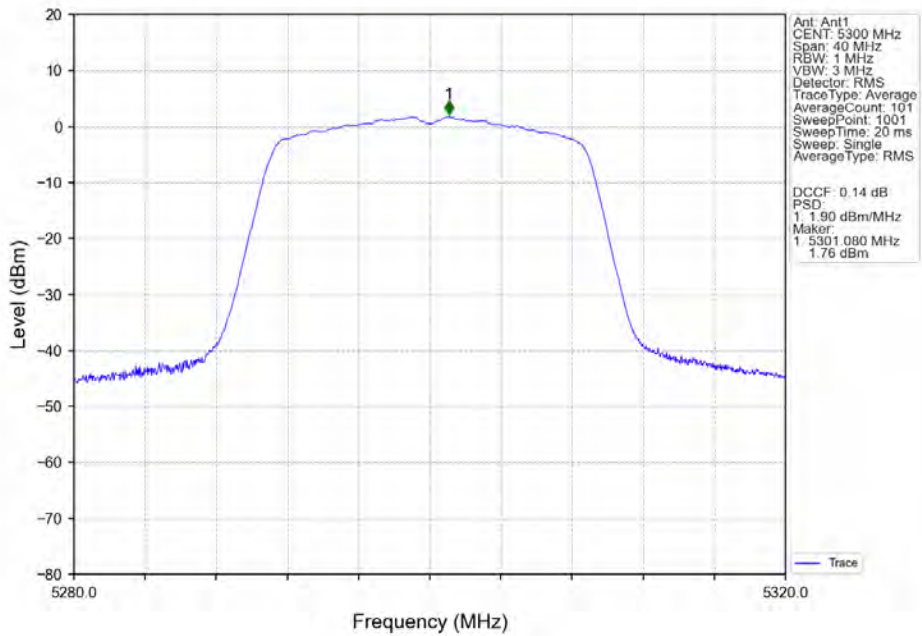
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



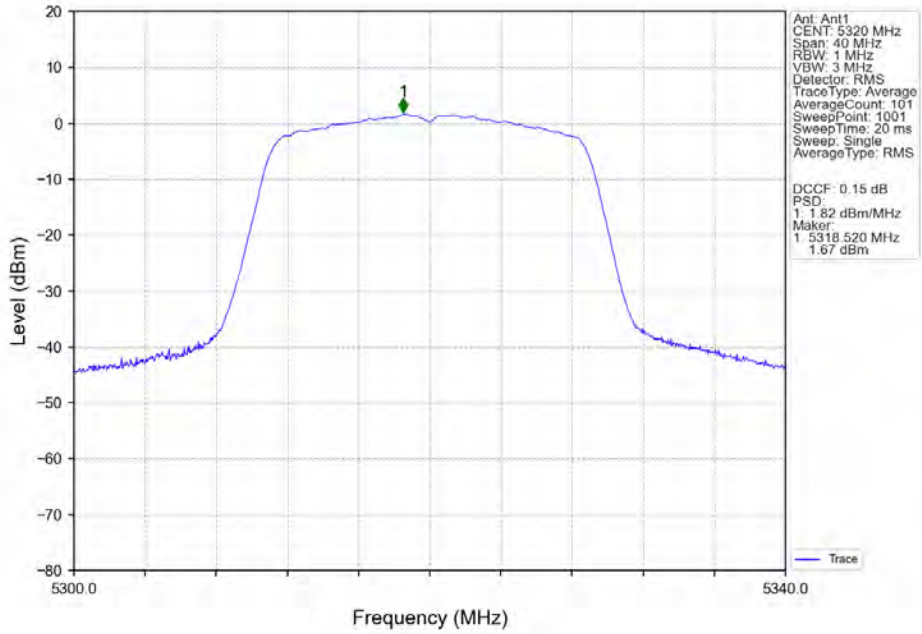
802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



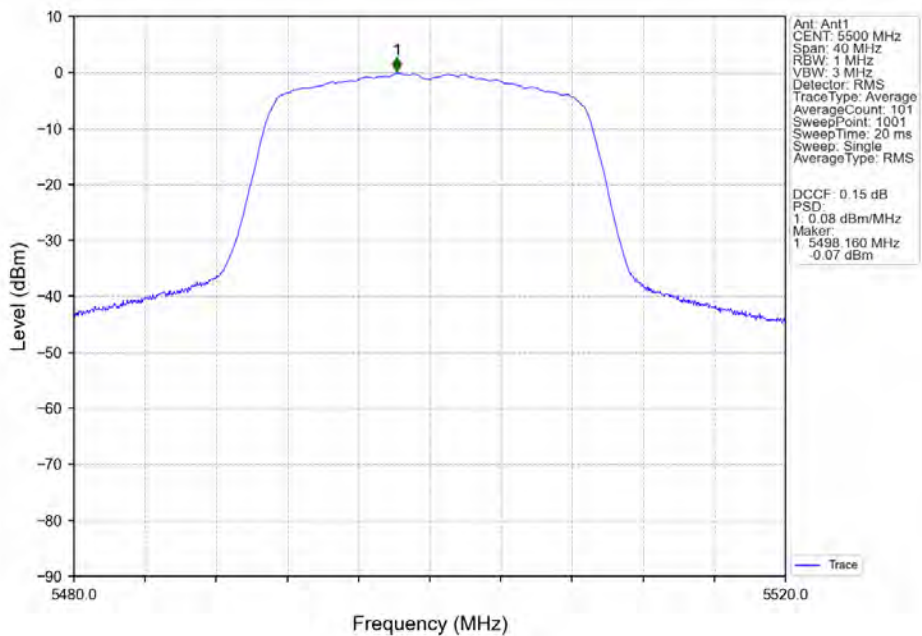
802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



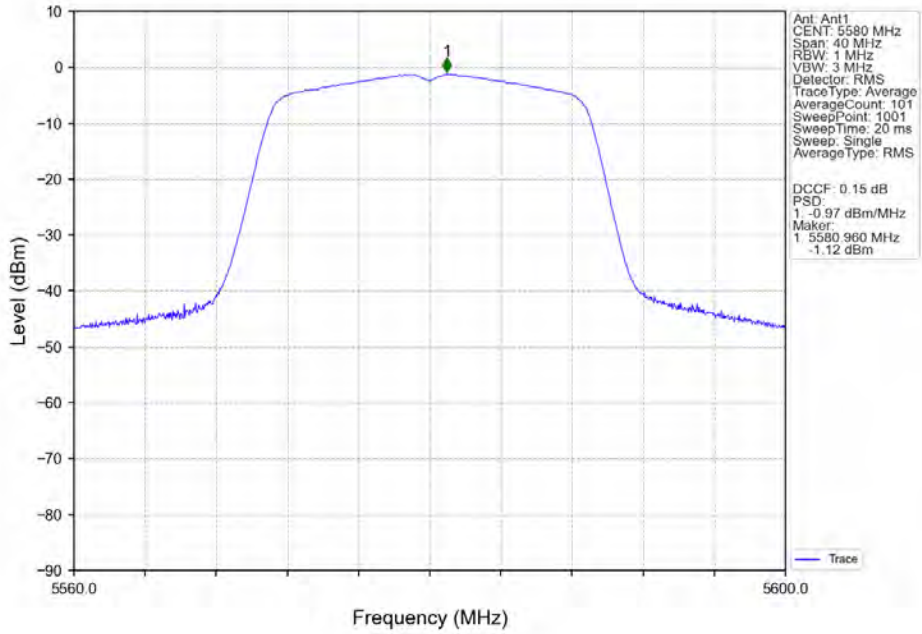
802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV



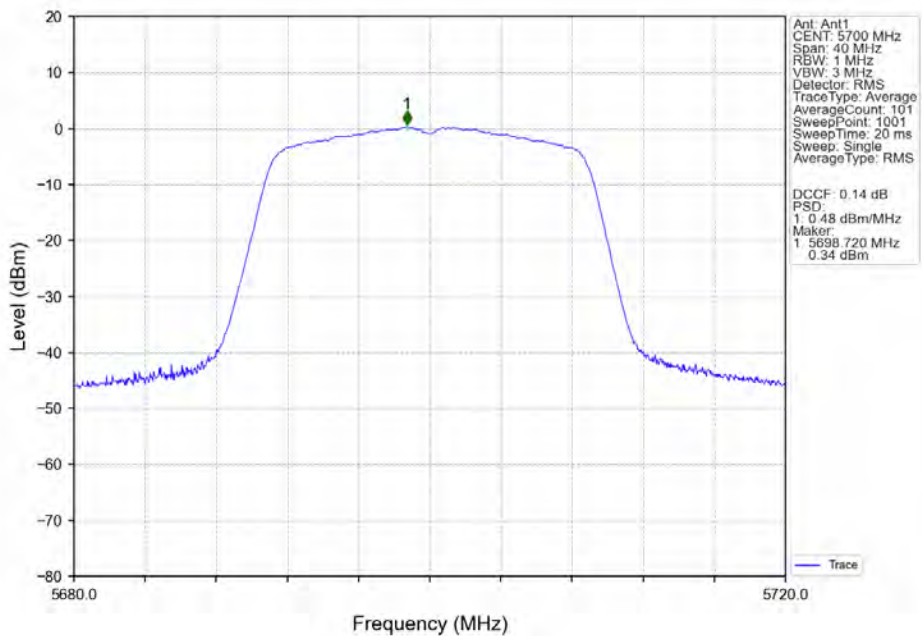
802.11n(HT20)\_LCH\_5500MHz\_Ant1\_NTNV



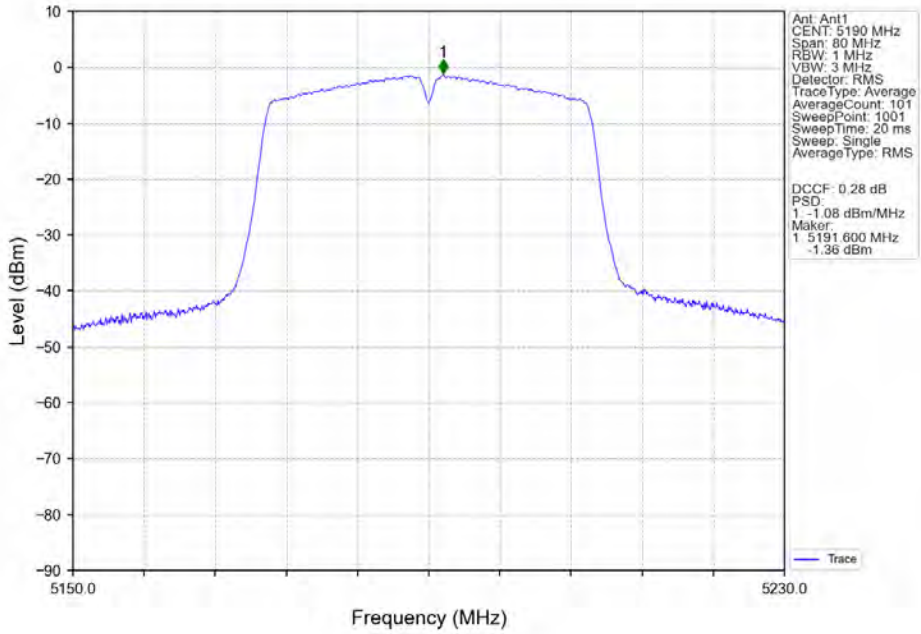
802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV



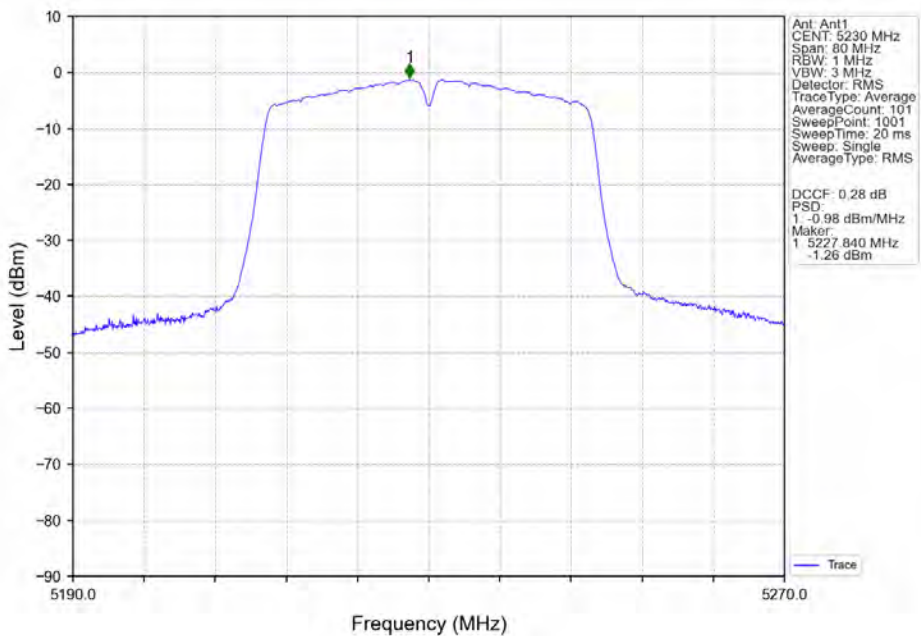
802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



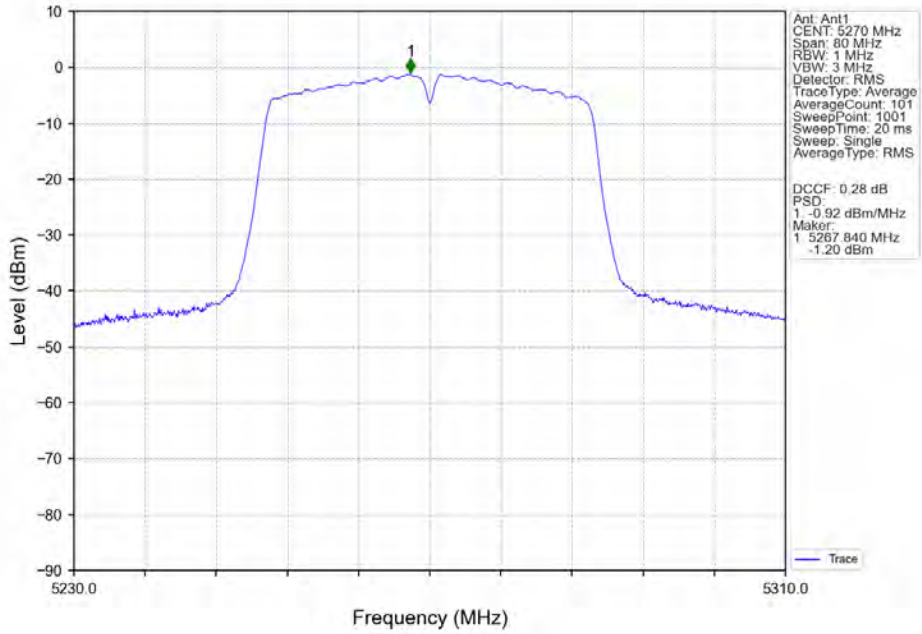
802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



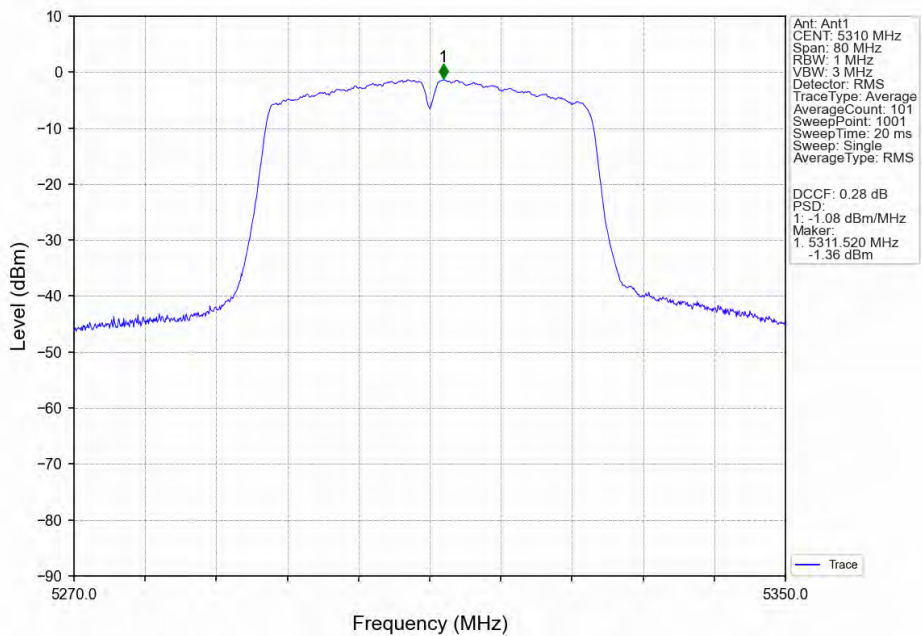
802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



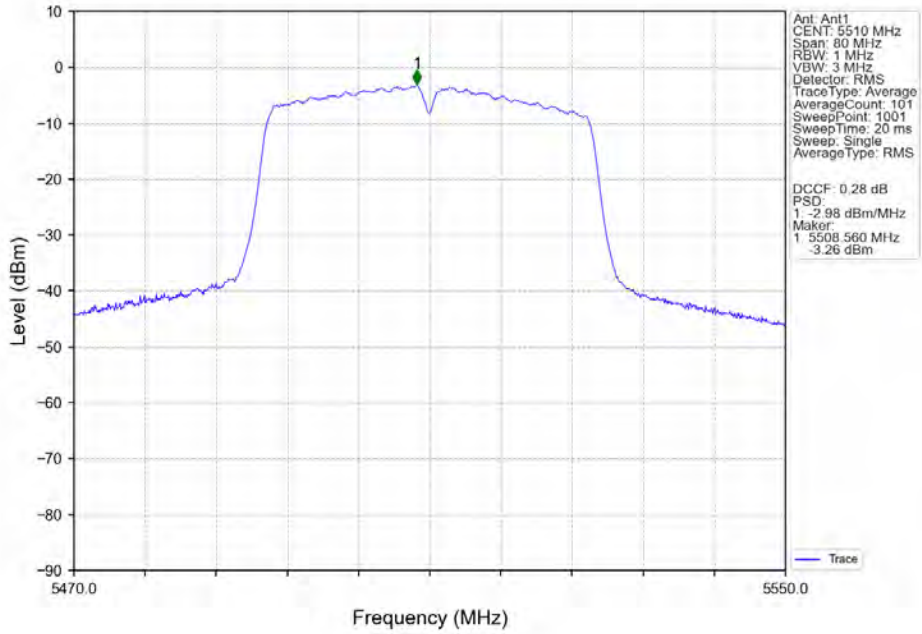
802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



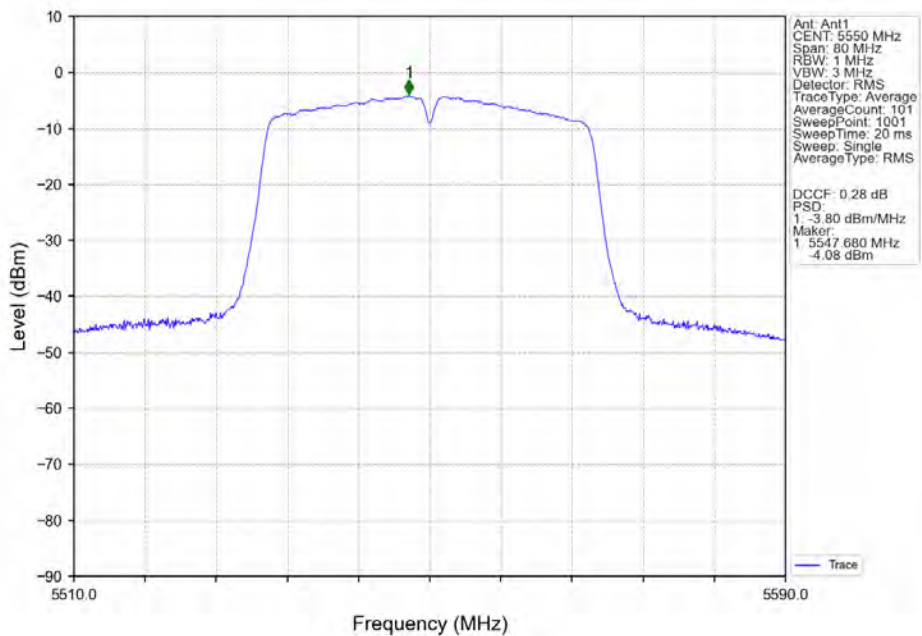
802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



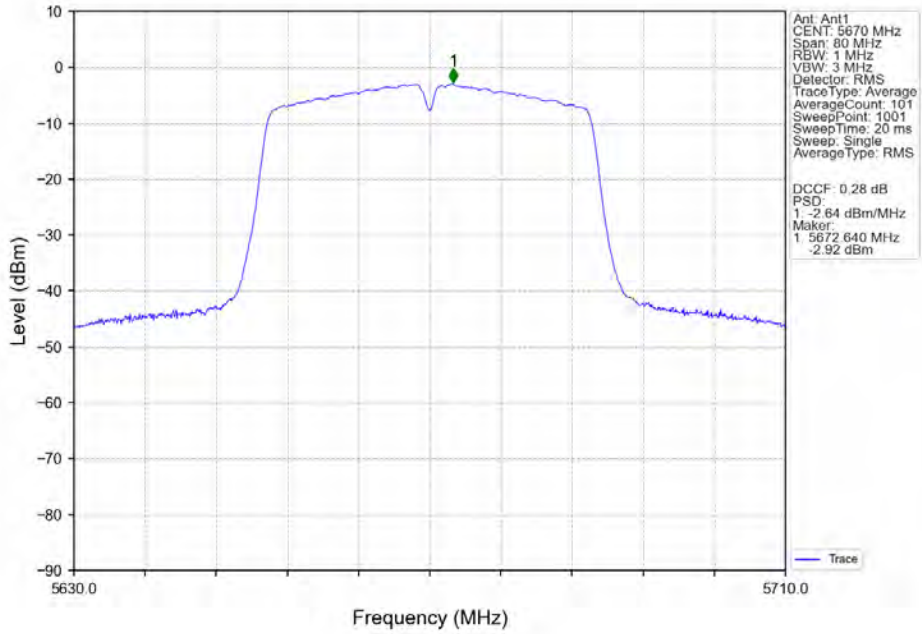
802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



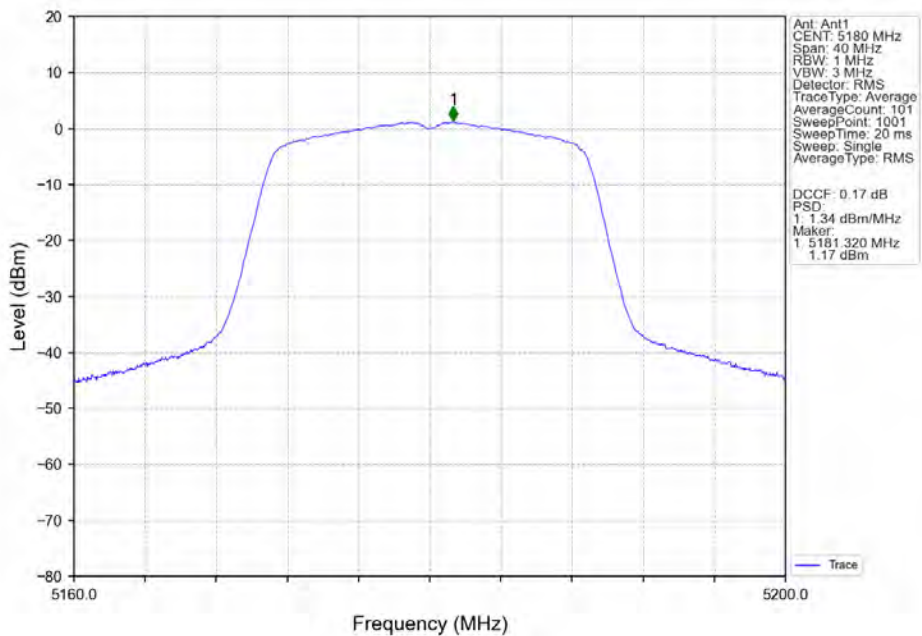
802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV



802.11n(HT40)\_HCH\_5670MHz\_Ant1\_NTNV

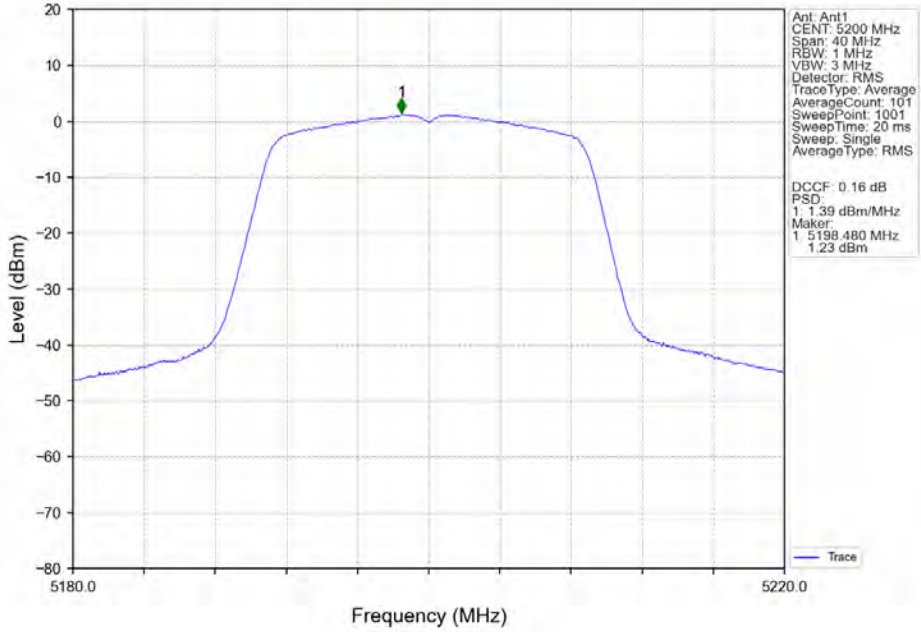


802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV

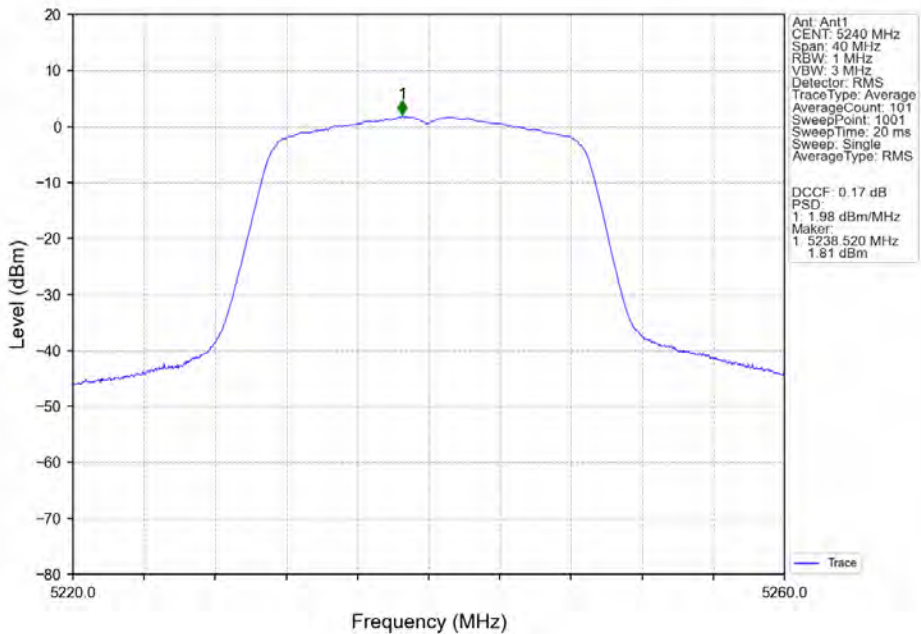




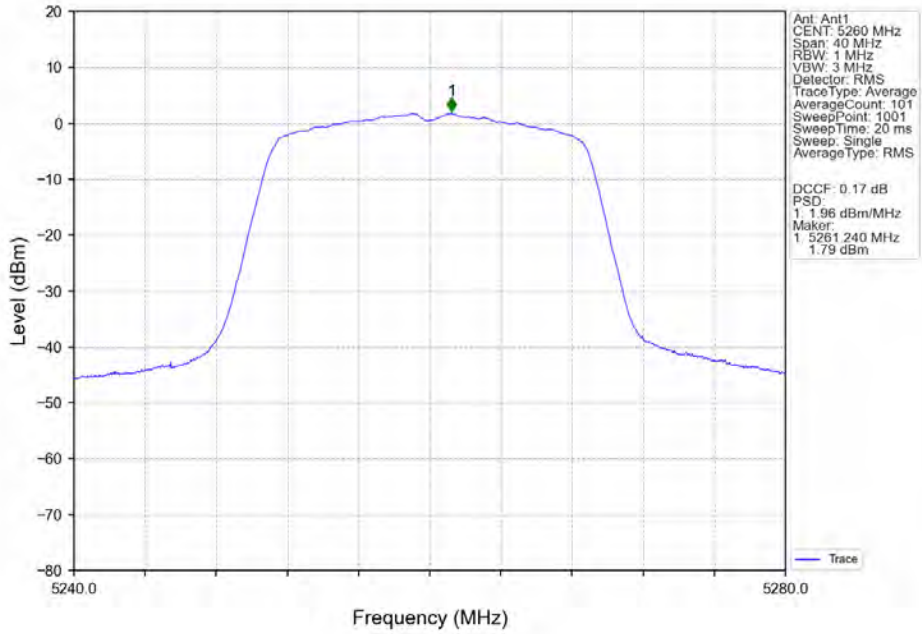
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



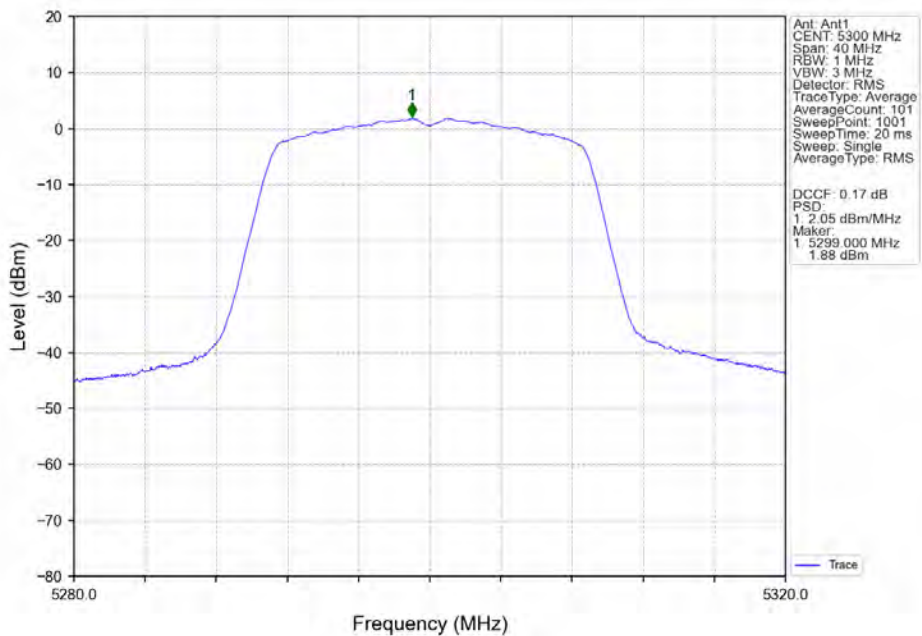
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



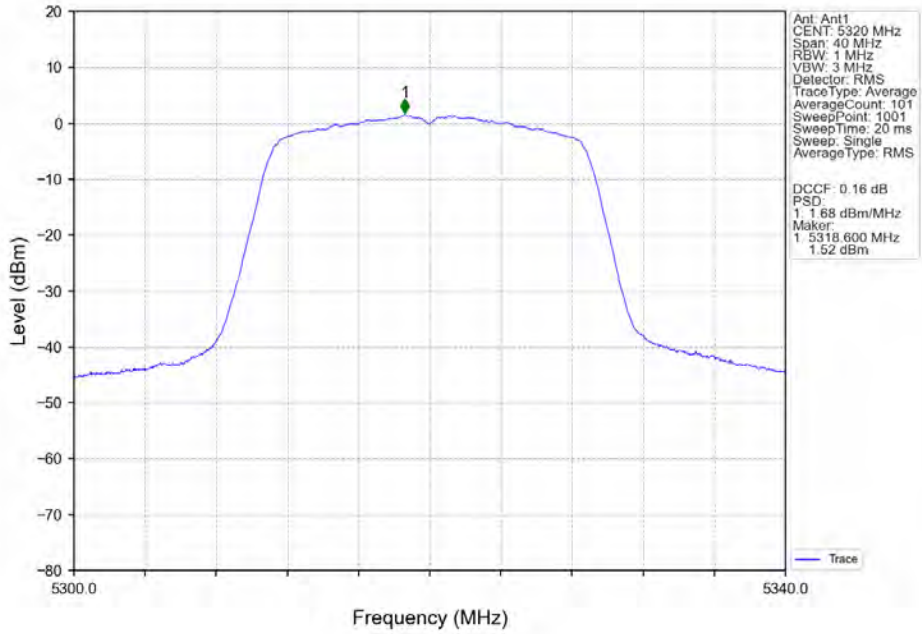
802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



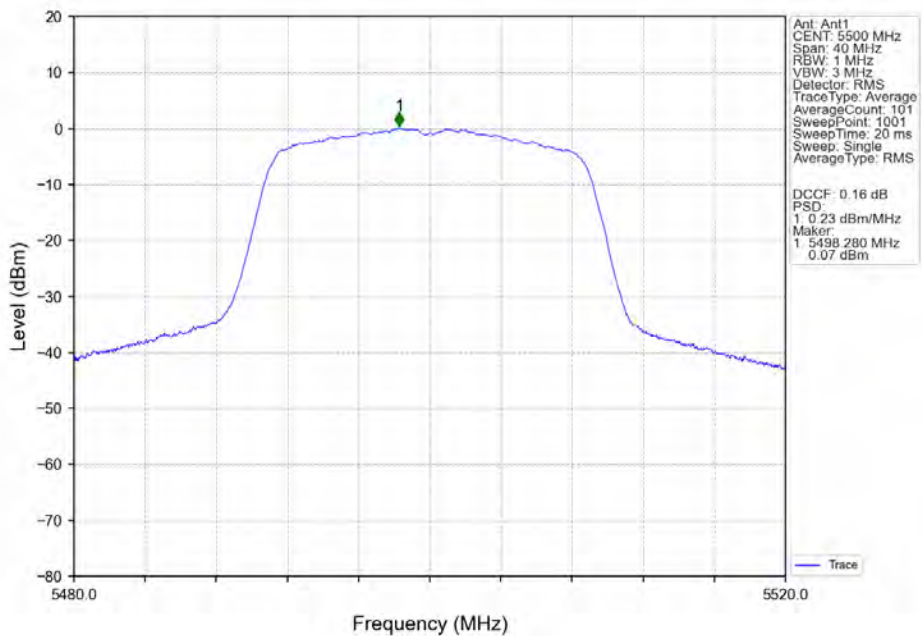
802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



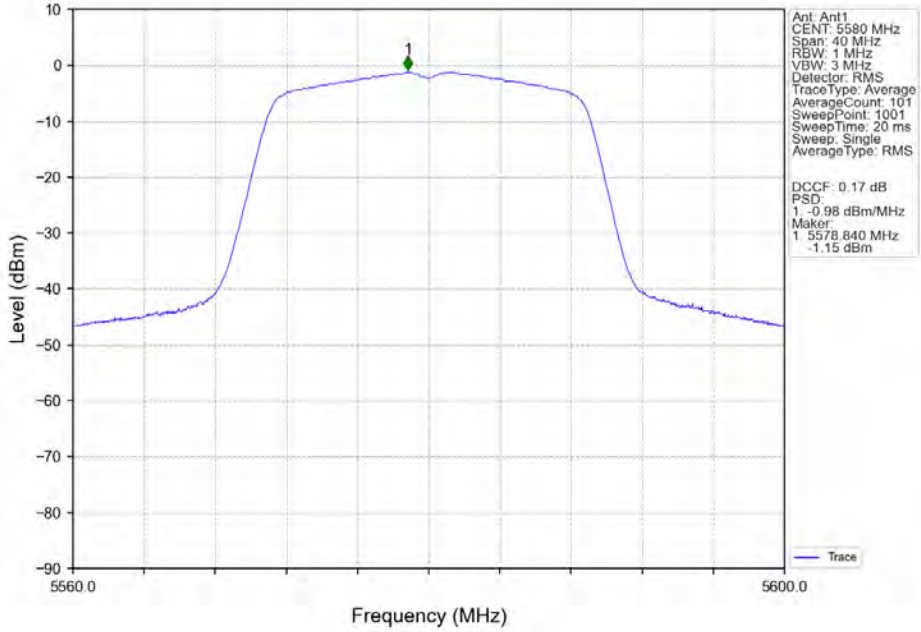
802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



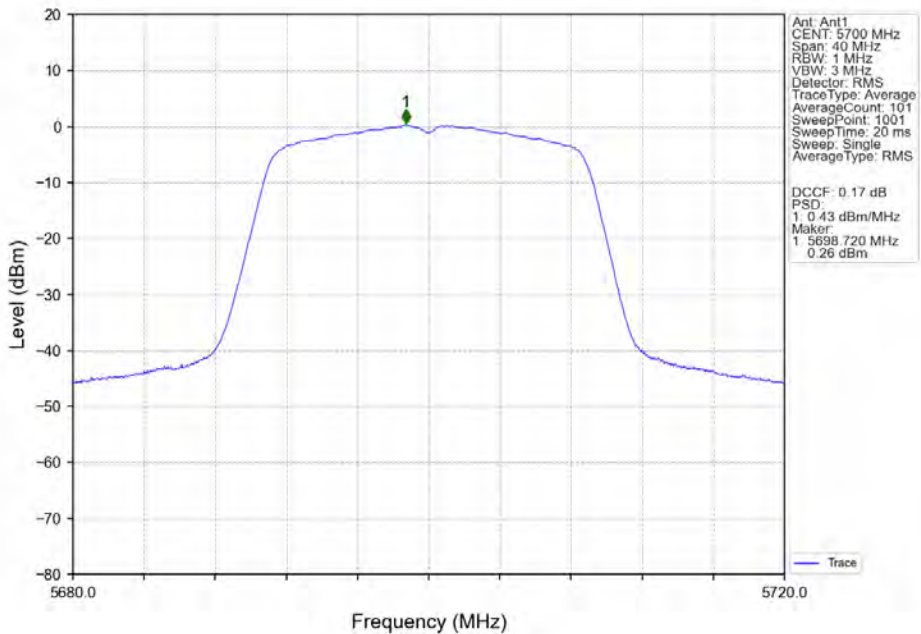
802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



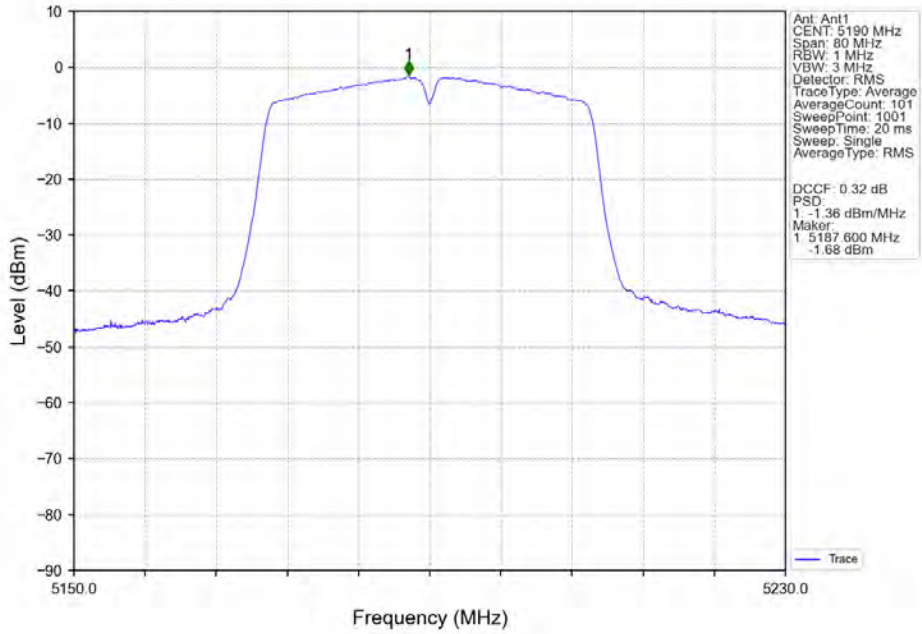
802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



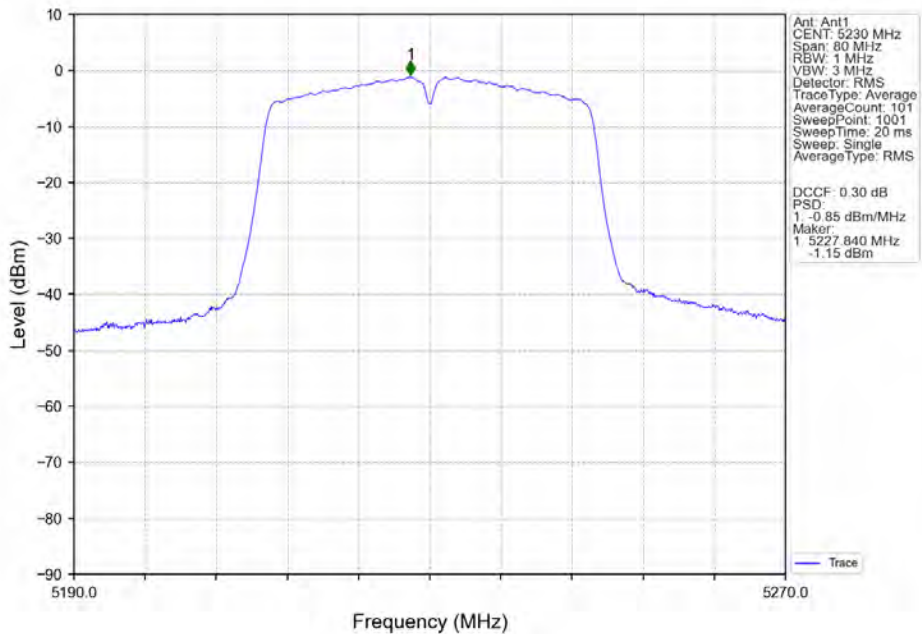
802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



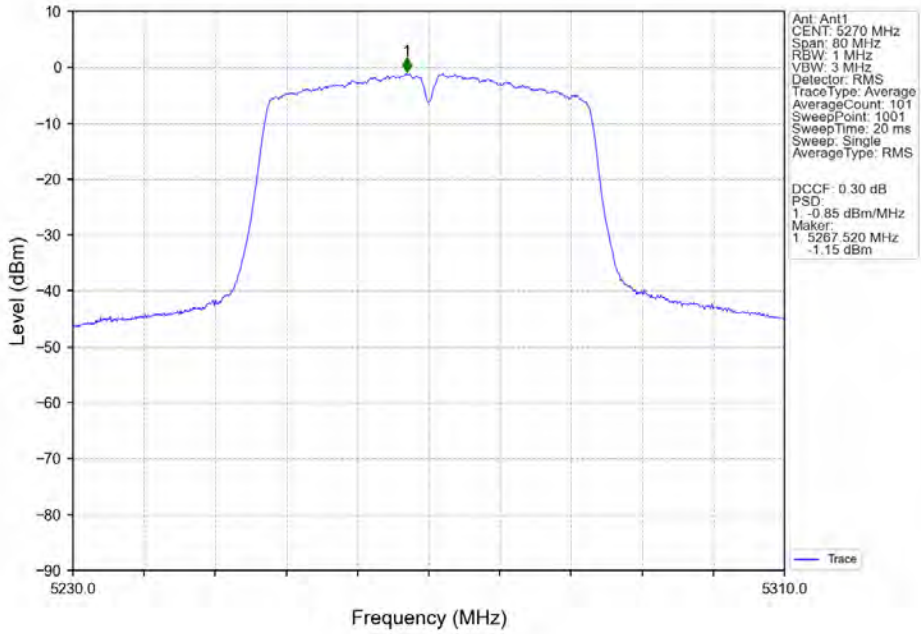
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



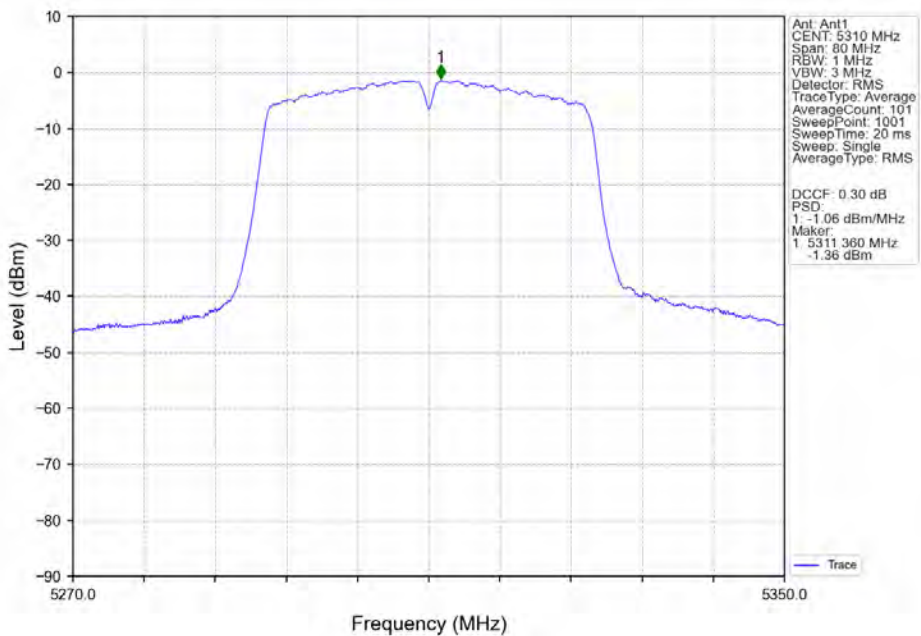
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



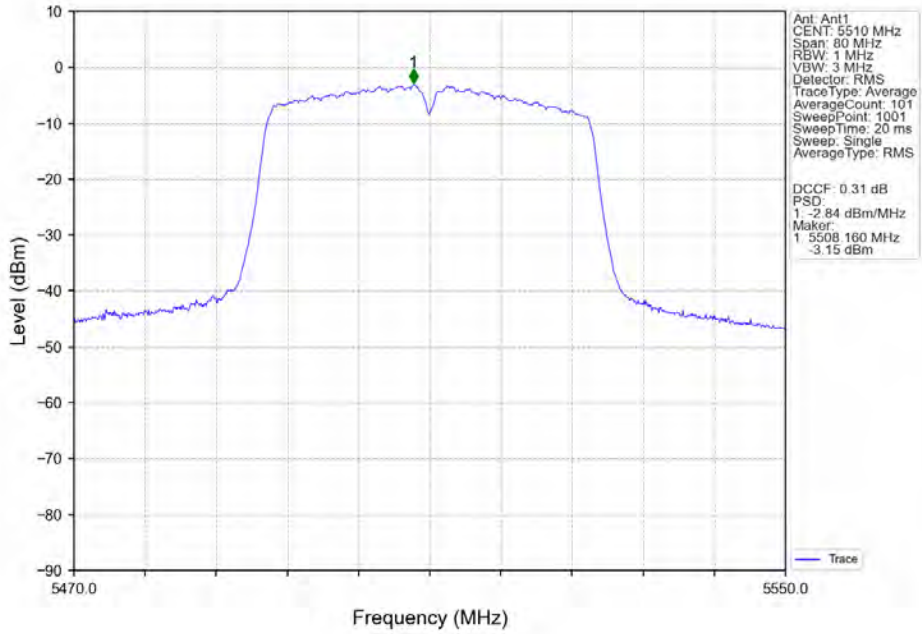
802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



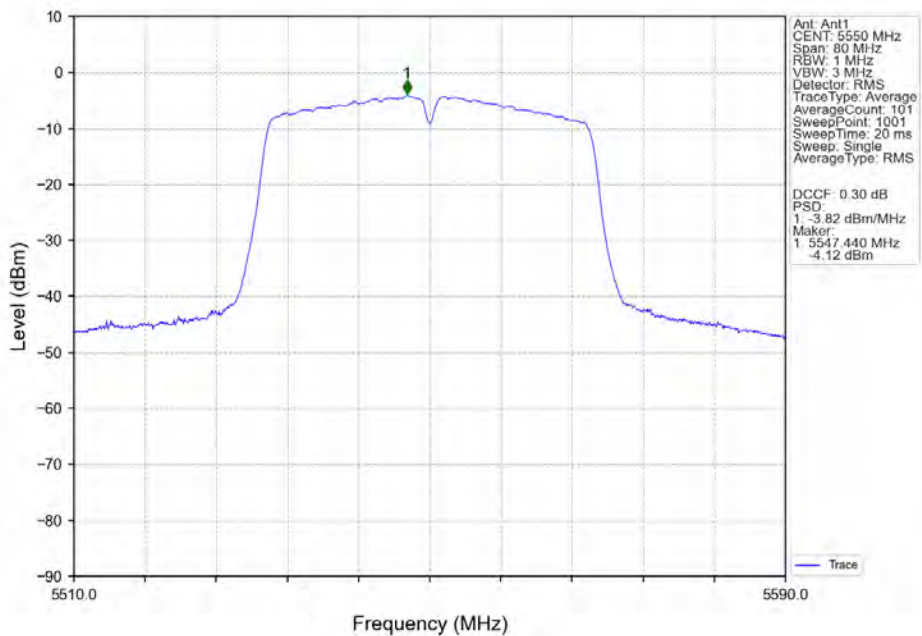
802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



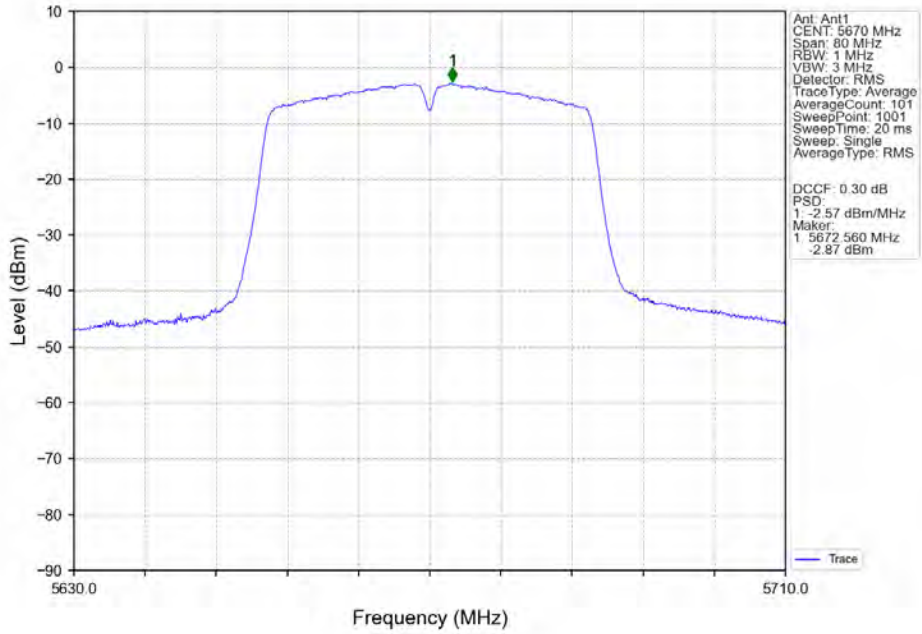
802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



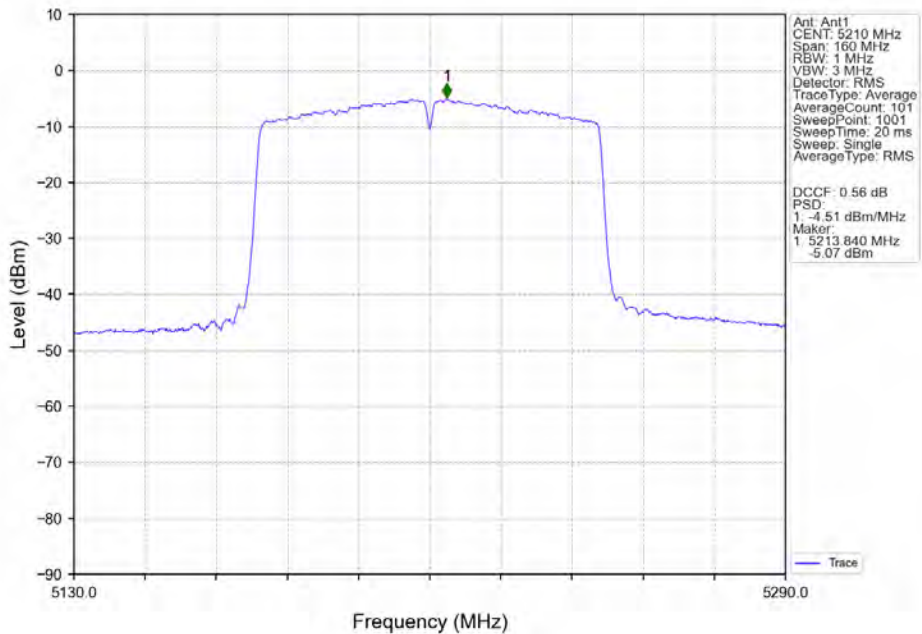
802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV

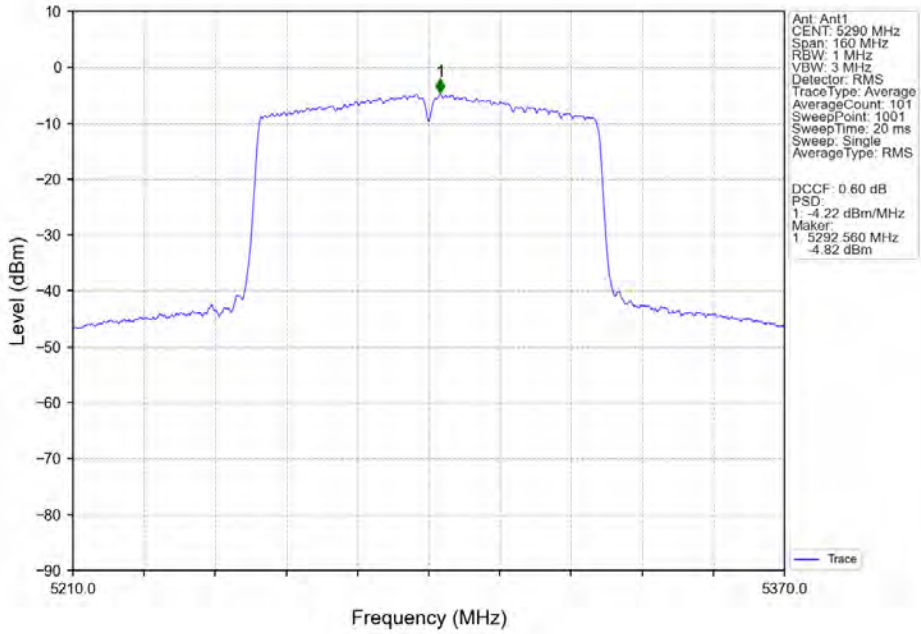


802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV

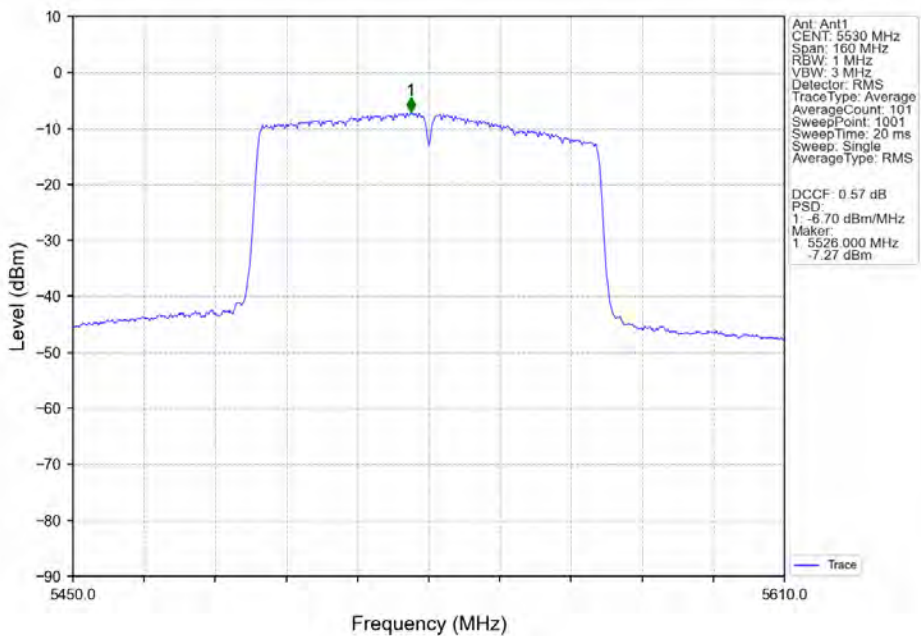




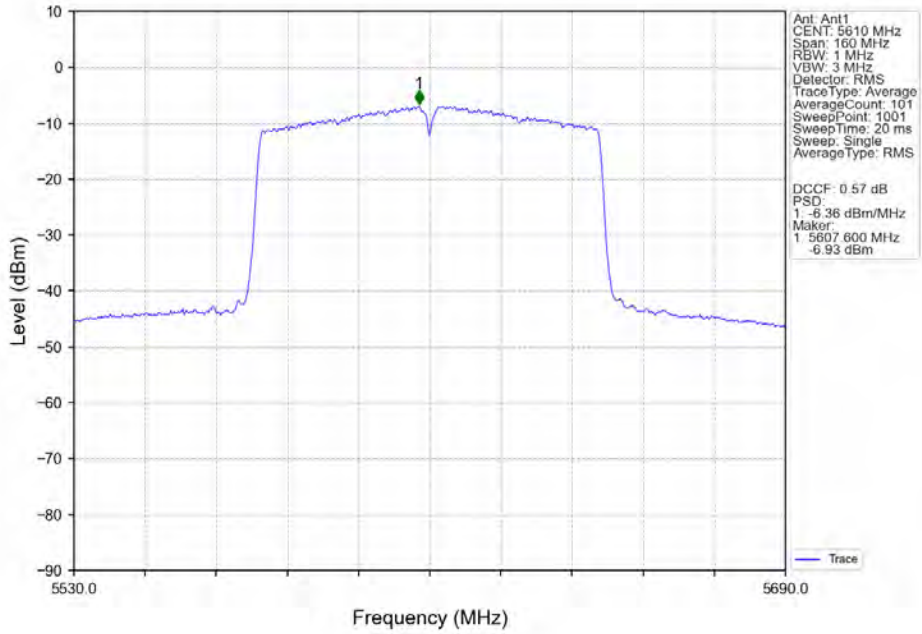
802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



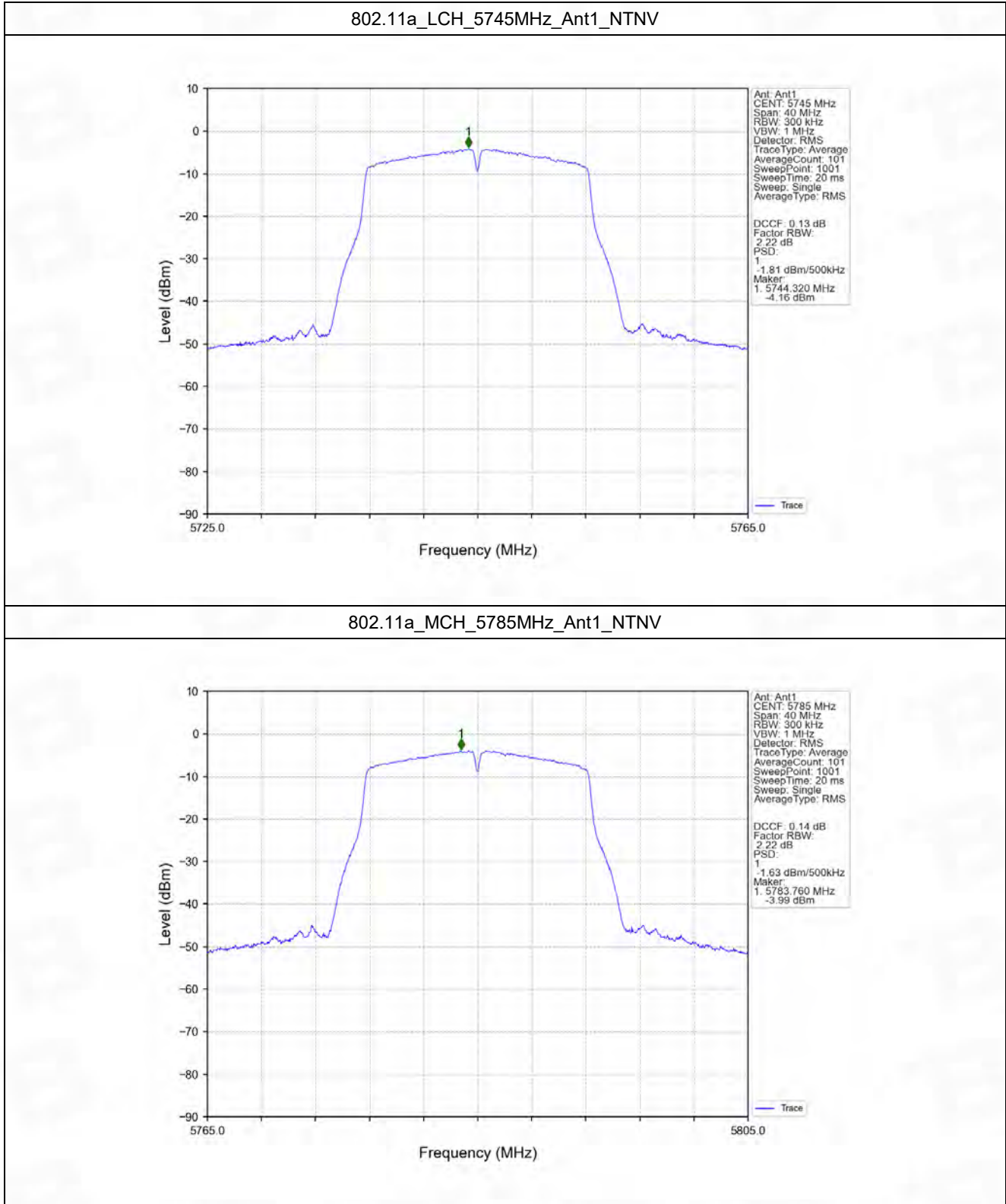
802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



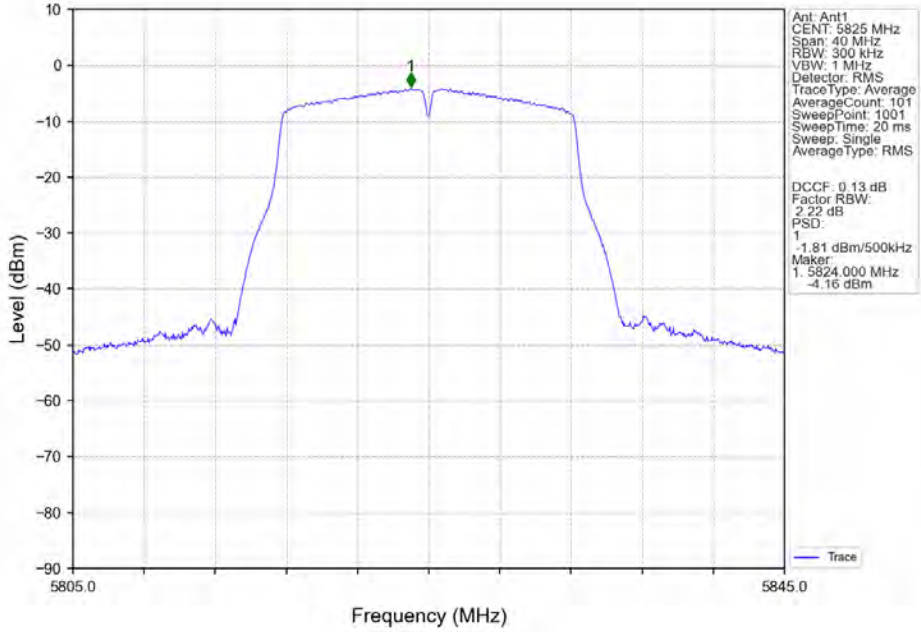
802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



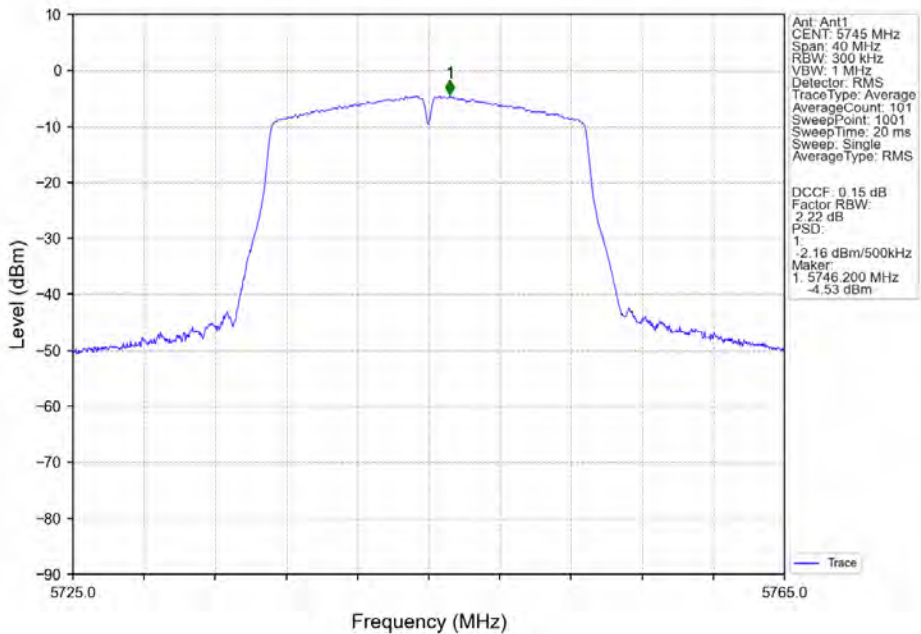
### 4.2.2 PSD-Band3



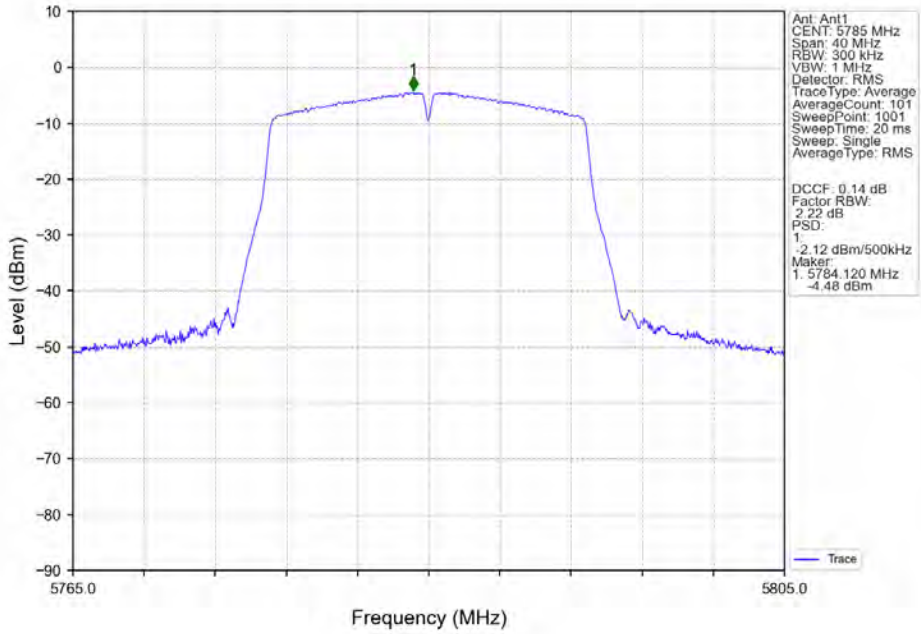
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



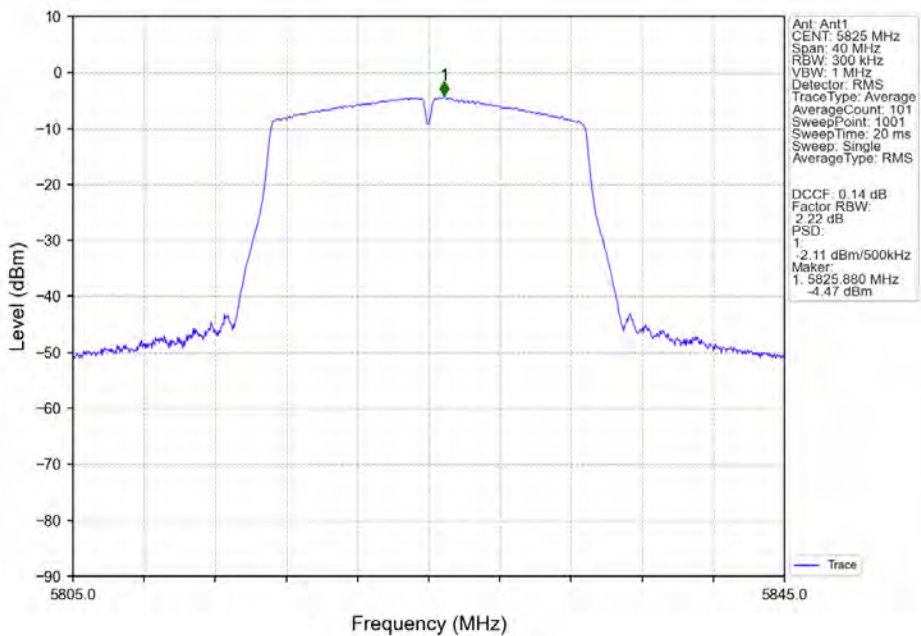
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



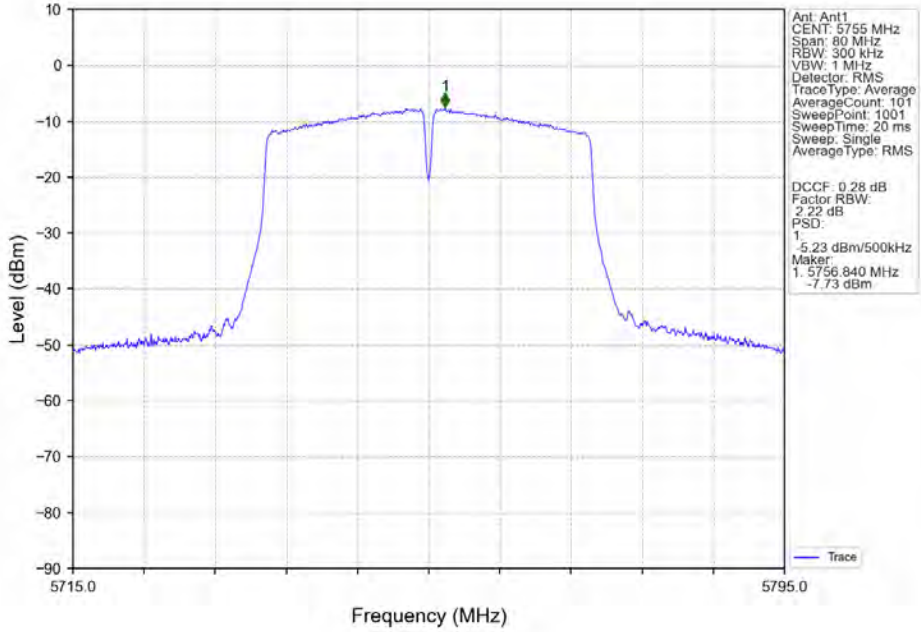
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



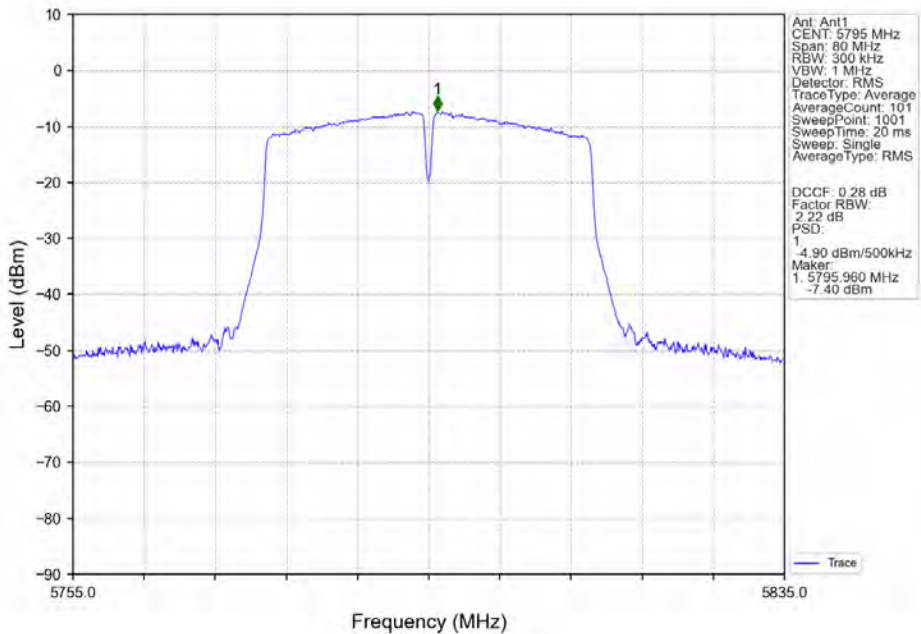
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



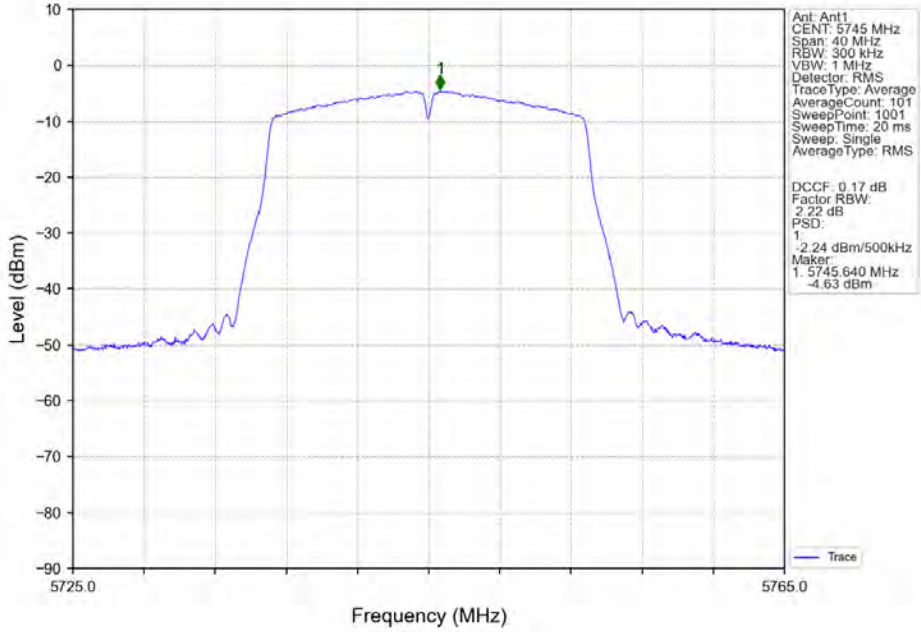
802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



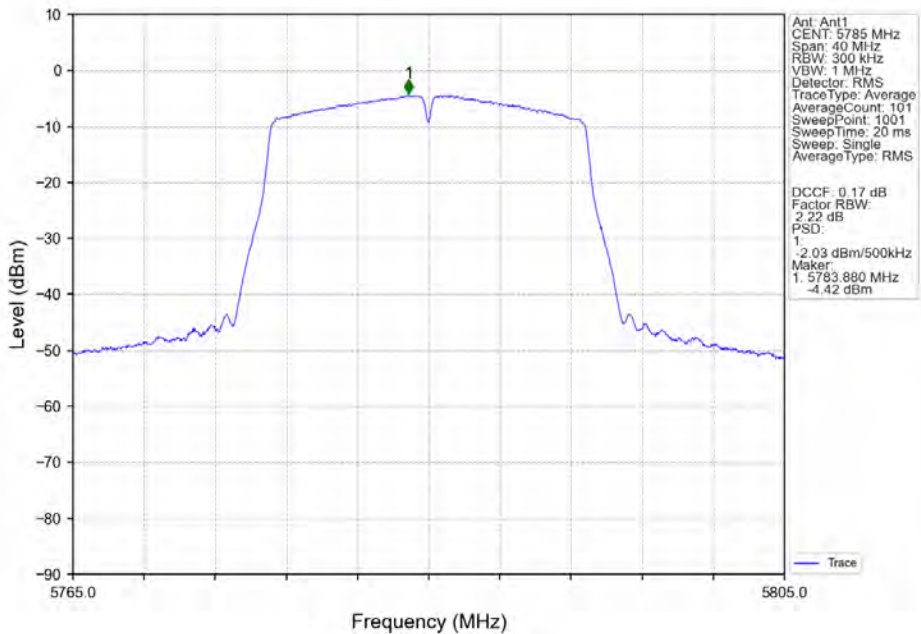
802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



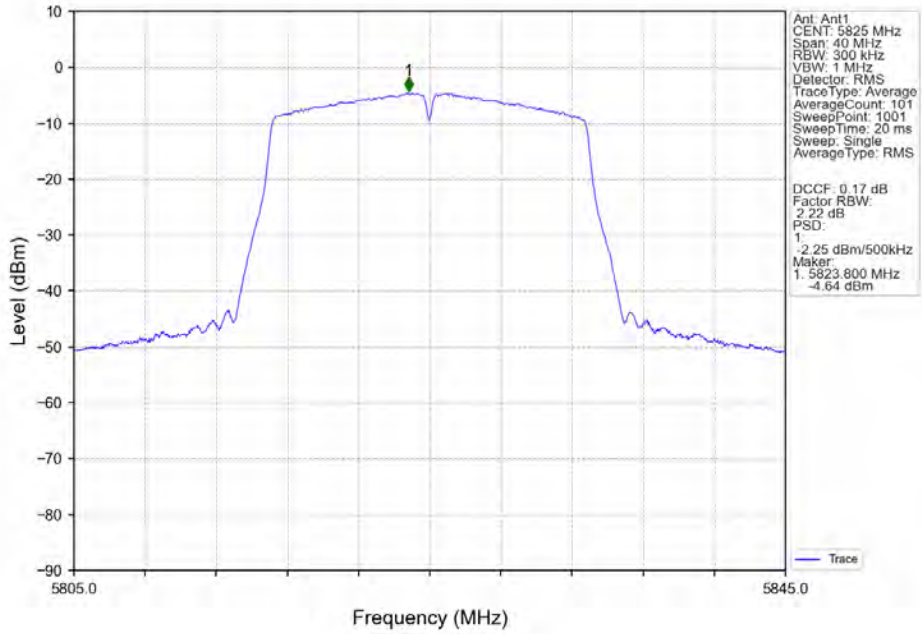
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



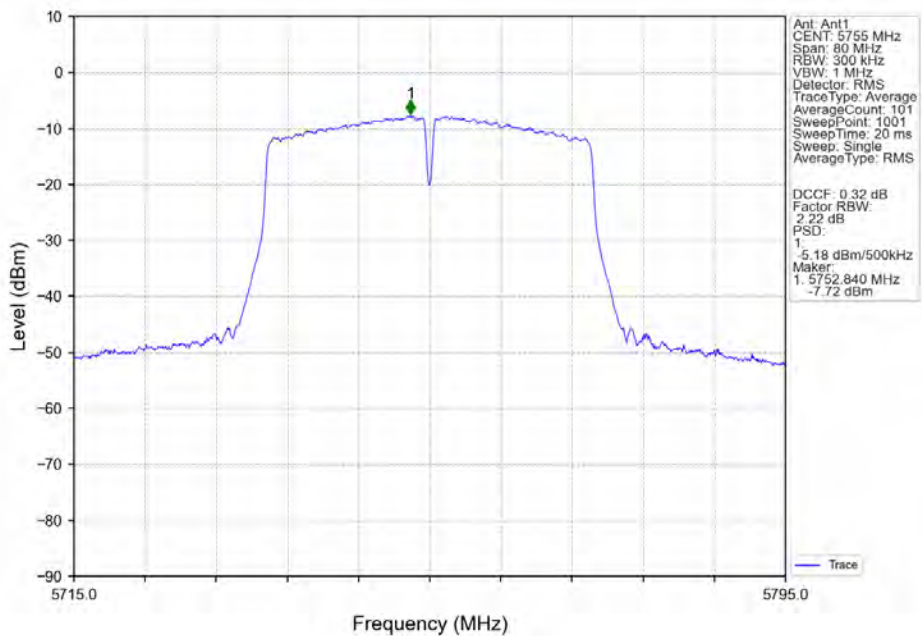
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



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

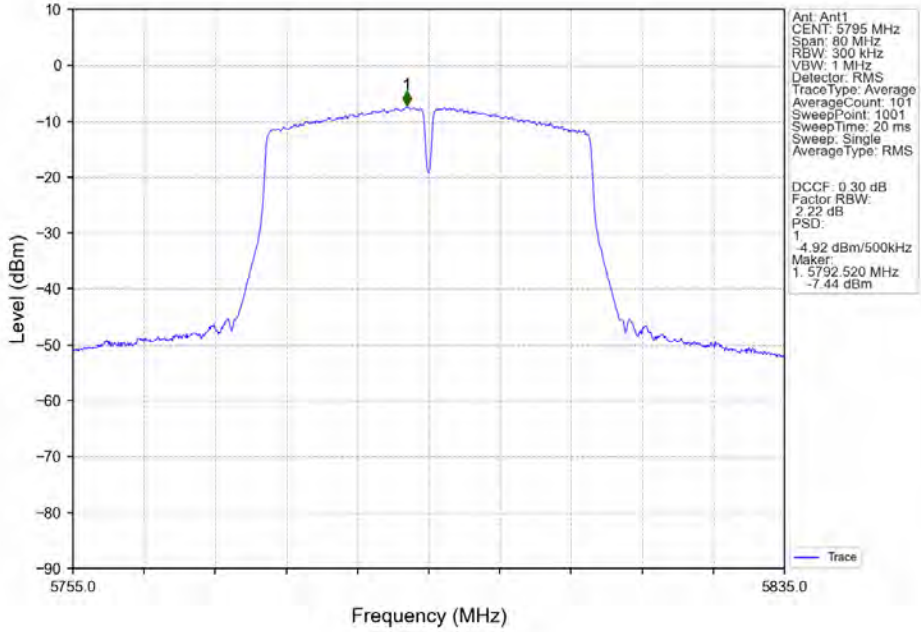


802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV

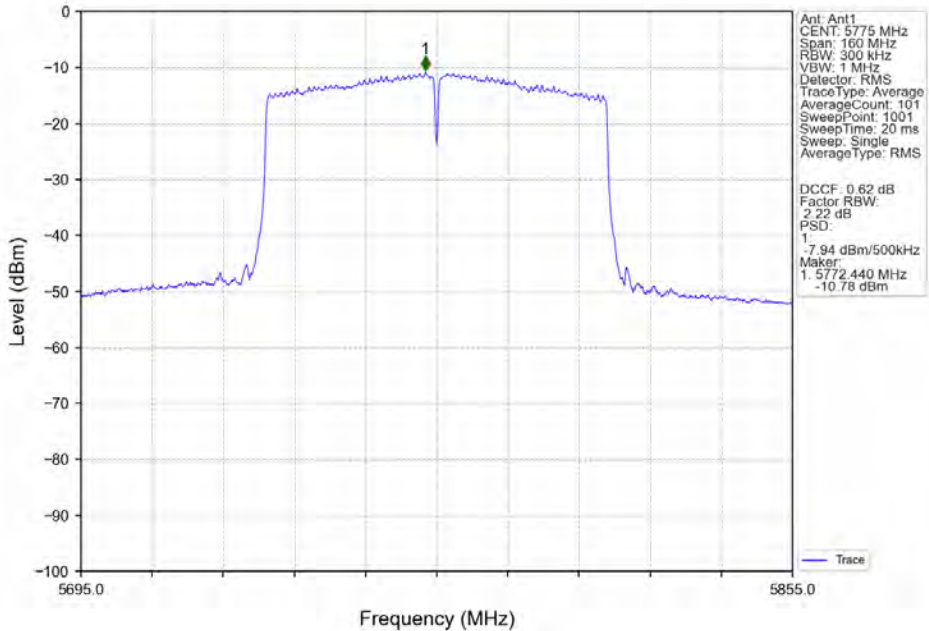




802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



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	5179.706	5150 to 5250	Pass
				120	5179.708	5150 to 5250	Pass
				138	5179.707	5150 to 5250	Pass
			-30	120	5180.259	5150 to 5250	Pass
			-20	120	5179.707	5150 to 5250	Pass
			-10	120	5179.709	5150 to 5250	Pass
			0	120	5180.267	5150 to 5250	Pass
			10	120	5179.704	5150 to 5250	Pass
			30	120	5179.710	5150 to 5250	Pass
			40	120	5179.710	5150 to 5250	Pass
		50	120	5180.268	5150 to 5250	Pass	
		5200	20	102	5200.322	5150 to 5250	Pass
				120	5199.998	5150 to 5250	Pass
				138	5199.986	5150 to 5250	Pass
			-30	120	5199.641	5150 to 5250	Pass
			-20	120	5200.353	5150 to 5250	Pass
			-10	120	5199.905	5150 to 5250	Pass
			0	120	5200.178	5150 to 5250	Pass
			10	120	5200.303	5150 to 5250	Pass
			30	120	5200.491	5150 to 5250	Pass
			40	120	5199.982	5150 to 5250	Pass
		50	120	5199.639	5150 to 5250	Pass	
		5240	20	102	5239.714	5150 to 5250	Pass
				120	5240.267	5150 to 5250	Pass
				138	5240.398	5150 to 5250	Pass
			-30	120	5239.705	5150 to 5250	Pass
			-20	120	5239.568	5150 to 5250	Pass
			-10	120	5239.709	5150 to 5250	Pass
			0	120	5240.262	5150 to 5250	Pass
			10	120	5240.262	5150 to 5250	Pass

			30	120	5239.707	5150 to 5250	Pass
			40	120	5240.282	5150 to 5250	Pass
			50	120	5239.710	5150 to 5250	Pass
		5260	20	102	5260.263	5250 to 5350	Pass
				120	5260.406	5250 to 5350	Pass
				138	5259.703	5250 to 5350	Pass
			-30	120	5259.567	5250 to 5350	Pass
			-20	120	5259.708	5250 to 5350	Pass
			-10	120	5260.328	5250 to 5350	Pass
			0	120	5259.705	5250 to 5350	Pass
			10	120	5259.693	5250 to 5350	Pass
			30	120	5259.705	5250 to 5350	Pass
			40	120	5260.263	5250 to 5350	Pass
			50	120	5260.346	5250 to 5350	Pass
			5300	20	102	5299.707	5250 to 5350
		120			5300.266	5250 to 5350	Pass
		138			5300.261	5250 to 5350	Pass
		-30		120	5299.705	5250 to 5350	Pass
		-20		120	5300.264	5250 to 5350	Pass
		-10		120	5300.261	5250 to 5350	Pass
		0		120	5299.711	5250 to 5350	Pass
		10		120	5300.263	5250 to 5350	Pass
		30		120	5299.681	5250 to 5350	Pass
		40		120	5300.266	5250 to 5350	Pass
		50	120	5299.712	5250 to 5350	Pass	
		5320	20	102	5319.706	5250 to 5350	Pass
				120	5320.267	5250 to 5350	Pass
				138	5320.261	5250 to 5350	Pass
			-30	120	5319.673	5250 to 5350	Pass
			-20	120	5320.268	5250 to 5350	Pass
			-10	120	5319.710	5250 to 5350	Pass
			0	120	5320.262	5250 to 5350	Pass
			10	120	5320.262	5250 to 5350	Pass
			30	120	5319.709	5250 to 5350	Pass
			40	120	5319.705	5250 to 5350	Pass
		50	120	5319.565	5250 to 5350	Pass	
		5500	20	102	5500.289	5470 to 5725	Pass
				120	5500.259	5470 to 5725	Pass
				138	5499.710	5470 to 5725	Pass

			-30	120	5499.709	5470 to 5725	Pass
			-20	120	5500.261	5470 to 5725	Pass
			-10	120	5499.714	5470 to 5725	Pass
			0	120	5500.261	5470 to 5725	Pass
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			30	120	5500.267	5470 to 5725	Pass
			40	120	5499.704	5470 to 5725	Pass
			50	120	5500.397	5470 to 5725	Pass
		5580	20	102	5580.263	5470 to 5725	Pass
				120	5580.248	5470 to 5725	Pass
				138	5580.296	5470 to 5725	Pass
			-30	120	5580.262	5470 to 5725	Pass
			-20	120	5579.707	5470 to 5725	Pass
			-10	120	5580.259	5470 to 5725	Pass
			0	120	5580.265	5470 to 5725	Pass
			10	120	5580.405	5470 to 5725	Pass
			30	120	5579.706	5470 to 5725	Pass
			40	120	5580.262	5470 to 5725	Pass
			50	120	5579.705	5470 to 5725	Pass
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		120			5700.263	5470 to 5725	Pass
		138			5700.262	5470 to 5725	Pass
		-30		120	5700.260	5470 to 5725	Pass
		-20		120	5700.272	5470 to 5725	Pass
		-10		120	5699.707	5470 to 5725	Pass
		0		120	5699.703	5470 to 5725	Pass
		10		120	5700.259	5470 to 5725	Pass
		30		120	5700.244	5470 to 5725	Pass
		40		120	5699.710	5470 to 5725	Pass
		50	120	5700.258	5470 to 5725	Pass	
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				138	5745.262	5725 to 5850	Pass
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			-20	120	5745.259	5725 to 5850	Pass
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			10	120	5745.267	5725 to 5850	Pass
		30	120	5744.706	5725 to 5850	Pass	

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		5785	20	102	5785.263	5725 to 5850	Pass
				120	5784.708	5725 to 5850	Pass
				138	5784.708	5725 to 5850	Pass
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			-20	120	5784.707	5725 to 5850	Pass
			-10	120	5784.705	5725 to 5850	Pass
			0	120	5785.264	5725 to 5850	Pass
			10	120	5784.701	5725 to 5850	Pass
			30	120	5785.261	5725 to 5850	Pass
			40	120	5785.259	5725 to 5850	Pass
			50	120	5784.708	5725 to 5850	Pass
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		120			5824.703	5725 to 5850	Pass
		138			5824.704	5725 to 5850	Pass
		-30		120	5824.704	5725 to 5850	Pass
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		-10		120	5825.403	5725 to 5850	Pass
		0		120	5825.259	5725 to 5850	Pass
		10		120	5825.260	5725 to 5850	Pass
		30		120	5824.705	5725 to 5850	Pass
		40		120	5824.624	5725 to 5850	Pass
		50		120	5824.707	5725 to 5850	Pass
		5190		20	102	5189.987	5150 to 5250
			120		5189.531	5150 to 5250	Pass
			138		5189.710	5150 to 5250	Pass
			-30	120	5189.984	5150 to 5250	Pass
			-20	120	5189.986	5150 to 5250	Pass
			-10	120	5190.315	5150 to 5250	Pass
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			10	120	5190.310	5150 to 5250	Pass
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			40	120	5190.310	5150 to 5250	Pass
			50	120	5190.312	5150 to 5250	Pass
			5230	20	102	5229.985	5150 to 5250
		120			5229.984	5150 to 5250	Pass
		138			5229.985	5150 to 5250	Pass
		-30		120	5229.984	5150 to 5250	Pass

			-20	120	5229.985	5150 to 5250	Pass
			-10	120	5229.984	5150 to 5250	Pass
			0	120	5229.984	5150 to 5250	Pass
			10	120	5229.984	5150 to 5250	Pass
			30	120	5229.984	5150 to 5250	Pass
			40	120	5229.984	5150 to 5250	Pass
			50	120	5229.984	5150 to 5250	Pass
		5270	20	102	5270.305	5250 to 5350	Pass
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				138	5269.825	5250 to 5350	Pass
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			-20	120	5269.983	5250 to 5350	Pass
			-10	120	5269.983	5250 to 5350	Pass
			0	120	5269.983	5250 to 5350	Pass
			10	120	5269.983	5250 to 5350	Pass
			30	120	5269.983	5250 to 5350	Pass
			40	120	5269.983	5250 to 5350	Pass
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		5310	20	102	5309.983	5250 to 5350	Pass
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			-20	120	5309.983	5250 to 5350	Pass
			-10	120	5309.983	5250 to 5350	Pass
			0	120	5309.983	5250 to 5350	Pass
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			30	120	5309.983	5250 to 5350	Pass
			40	120	5309.983	5250 to 5350	Pass
			50	120	5309.983	5250 to 5350	Pass
		5510	20	102	5509.989	5470 to 5725	Pass
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				138	5509.988	5470 to 5725	Pass
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			-20	120	5509.984	5470 to 5725	Pass
			-10	120	5509.986	5470 to 5725	Pass
			0	120	5509.986	5470 to 5725	Pass
			10	120	5509.987	5470 to 5725	Pass
			30	120	5509.982	5470 to 5725	Pass
			40	120	5509.986	5470 to 5725	Pass

			50	120	5509.983	5470 to 5725	Pass
	5550	20		102	5549.983	5470 to 5725	Pass
				120	5549.987	5470 to 5725	Pass
				138	5549.558	5470 to 5725	Pass
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			-10	120	5549.985	5470 to 5725	Pass
			0	120	5549.980	5470 to 5725	Pass
			10	120	5549.504	5470 to 5725	Pass
			30	120	5549.985	5470 to 5725	Pass
			40	120	5549.983	5470 to 5725	Pass
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	5670	20		102	5669.986	5470 to 5725	Pass
				120	5669.718	5470 to 5725	Pass
				138	5669.981	5470 to 5725	Pass
			-30	120	5669.983	5470 to 5725	Pass
			-20	120	5669.985	5470 to 5725	Pass
			-10	120	5669.982	5470 to 5725	Pass
			0	120	5669.997	5470 to 5725	Pass
			10	120	5669.736	5470 to 5725	Pass
			30	120	5669.983	5470 to 5725	Pass
			40	120	5669.691	5470 to 5725	Pass
			50	120	5669.982	5470 to 5725	Pass
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				120	5755.483	5725 to 5850	Pass
				138	5754.977	5725 to 5850	Pass
			-30	120	5754.981	5725 to 5850	Pass
			-20	120	5755.277	5725 to 5850	Pass
			-10	120	5754.744	5725 to 5850	Pass
			0	120	5754.526	5725 to 5850	Pass
			10	120	5755.018	5725 to 5850	Pass
			30	120	5755.266	5725 to 5850	Pass
			40	120	5754.948	5725 to 5850	Pass
			50	120	5754.985	5725 to 5850	Pass
	5795	20		102	5794.512	5725 to 5850	Pass
				120	5795.486	5725 to 5850	Pass
				138	5795.022	5725 to 5850	Pass
			-30	120	5795.267	5725 to 5850	Pass
			-20	120	5794.978	5725 to 5850	Pass

			-10	120	5794.978	5725 to 5850	Pass
			0	120	5794.978	5725 to 5850	Pass
			10	120	5794.980	5725 to 5850	Pass
			30	120	5795.484	5725 to 5850	Pass
			40	120	5794.980	5725 to 5850	Pass
			50	120	5794.978	5725 to 5850	Pass
		5210	20	102	5209.983	5150 to 5250	Pass
				120	5209.983	5150 to 5250	Pass
				138	5209.983	5150 to 5250	Pass
			-30	120	5209.983	5150 to 5250	Pass
			-20	120	5209.982	5150 to 5250	Pass
			-10	120	5209.982	5150 to 5250	Pass
			0	120	5209.982	5150 to 5250	Pass
			10	120	5209.982	5150 to 5250	Pass
			30	120	5209.981	5150 to 5250	Pass
			40	120	5209.981	5150 to 5250	Pass
			50	120	5209.981	5150 to 5250	Pass
			5290	20	102	5289.981	5250 to 5350
		120			5289.981	5250 to 5350	Pass
		138			5289.981	5250 to 5350	Pass
		-30		120	5289.981	5250 to 5350	Pass
		-20		120	5289.981	5250 to 5350	Pass
		-10		120	5289.981	5250 to 5350	Pass
		0		120	5289.981	5250 to 5350	Pass
		10		120	5289.981	5250 to 5350	Pass
		30		120	5289.980	5250 to 5350	Pass
		40		120	5289.981	5250 to 5350	Pass
		50		120	5289.981	5250 to 5350	Pass
		5530		20	102	5529.980	5470 to 5725
			120		5529.979	5470 to 5725	Pass
			138		5529.979	5470 to 5725	Pass
			-30	120	5529.979	5470 to 5725	Pass
			-20	120	5529.979	5470 to 5725	Pass
			-10	120	5529.979	5470 to 5725	Pass
			0	120	5529.979	5470 to 5725	Pass
			10	120	5529.979	5470 to 5725	Pass
			30	120	5529.979	5470 to 5725	Pass
			40	120	5529.979	5470 to 5725	Pass
			50	120	5529.979	5470 to 5725	Pass



		5610	20	102	5609.979	5470 to 5725	Pass
				120	5609.978	5470 to 5725	Pass
				138	5609.978	5470 to 5725	Pass
			-30	120	5609.879	5470 to 5725	Pass
			-20	120	5609.953	5470 to 5725	Pass
			-10	120	5609.699	5470 to 5725	Pass
			0	120	5610.357	5470 to 5725	Pass
			10	120	5609.975	5470 to 5725	Pass
			30	120	5610.356	5470 to 5725	Pass
			40	120	5609.894	5470 to 5725	Pass
			50	120	5609.906	5470 to 5725	Pass
		5775	20	102	5774.987	5725 to 5850	Pass
				120	5774.986	5725 to 5850	Pass
				138	5774.985	5725 to 5850	Pass
			-30	120	5774.984	5725 to 5850	Pass
			-20	120	5774.983	5725 to 5850	Pass
			-10	120	5774.983	5725 to 5850	Pass
			0	120	5774.982	5725 to 5850	Pass
			10	120	5774.982	5725 to 5850	Pass
			30	120	5774.982	5725 to 5850	Pass
			40	120	5774.981	5725 to 5850	Pass
50	120	5774.981	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	0.0172	12.36
5260	5320	0.0174	12.41
5500	5700	0.0118	10.72
5745	5825	0.0122	10.87
5190	5230	0.0161	12.06
5270	5310	0.0159	12.01
5510	5670	0.0110	10.42
5755	5795	0.0116	10.66
5210	5210	0.0147	11.66
5530	5610	0.0093	9.67



Test Report Number: BTF240730R00504



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**-- END OF REPORT --**