

1. Bandwidth

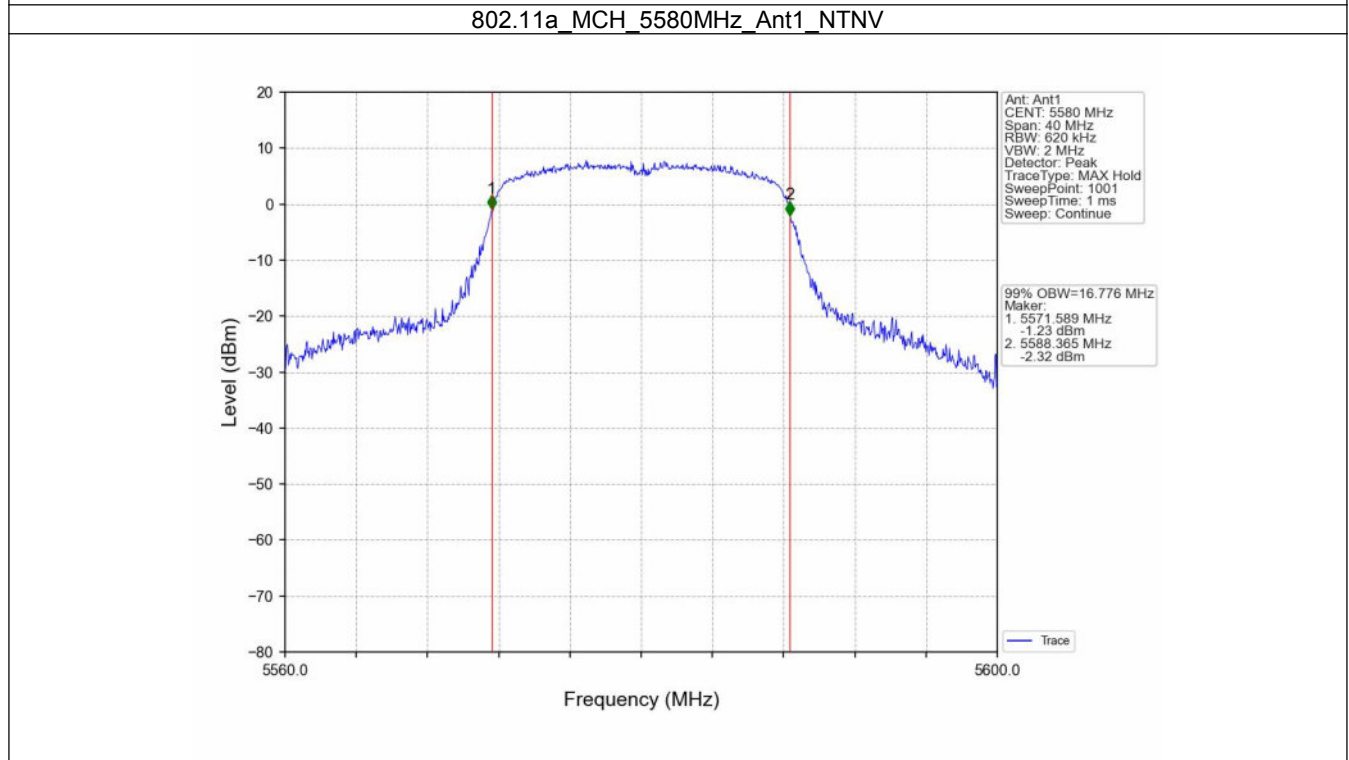
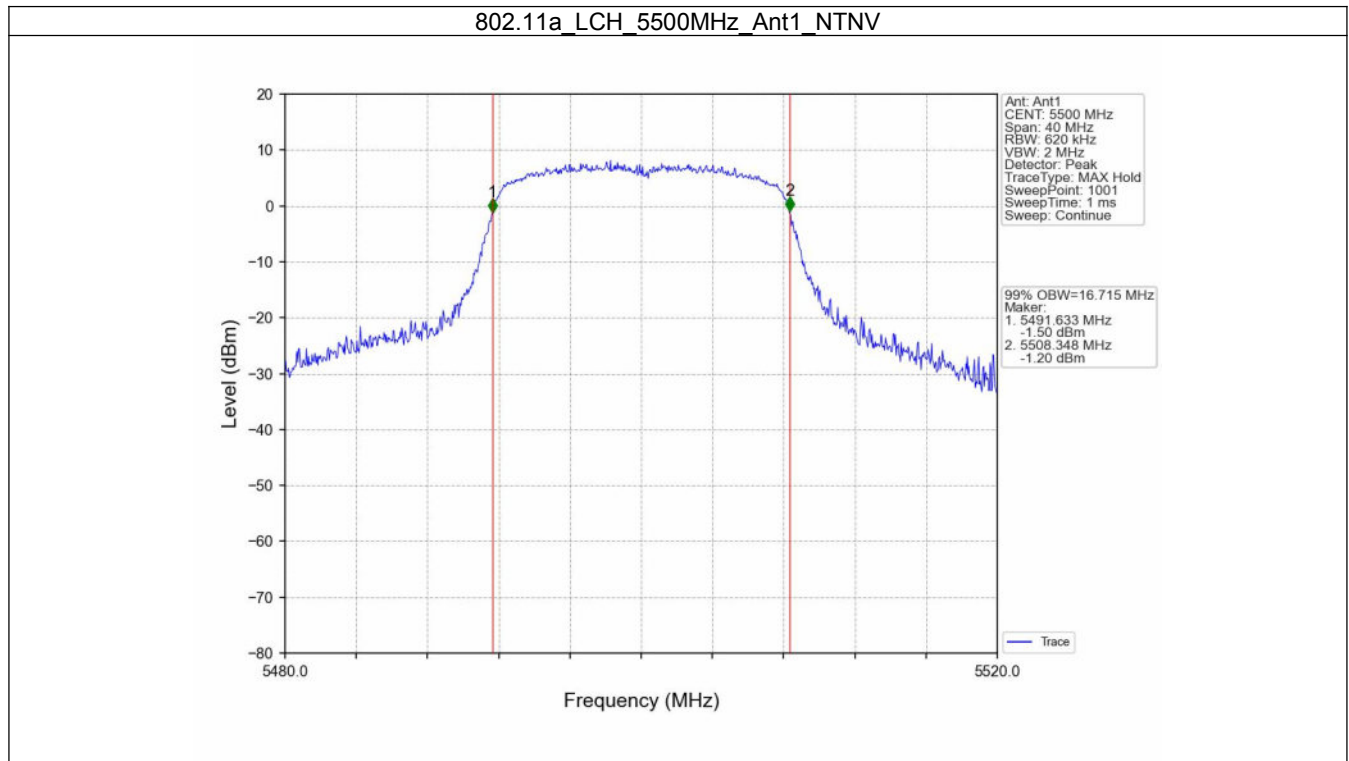
1.1 OBW

1.1.1 Test Result

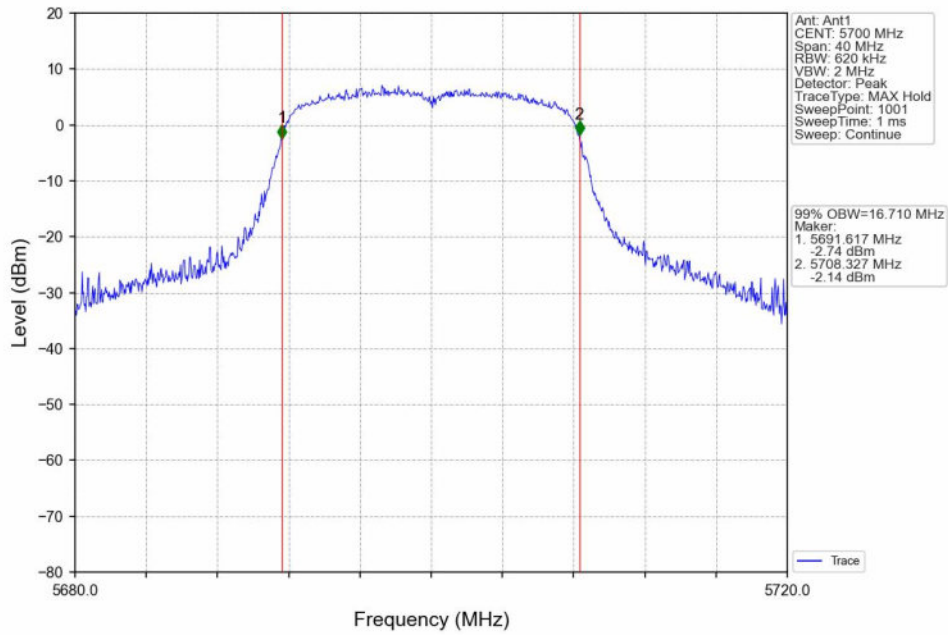
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5500	1	16.715	Pass
		5580	1	16.776	Pass
		5700	1	16.710	Pass
802.11n (HT20)	SISO	5500	1	17.585	Pass
		5580	1	17.666	Pass
		5700	1	17.614	Pass
802.11n (HT40)	SISO	5510	1	36.188	Pass
		5550	1	36.330	Pass
		5670	1	36.255	Pass
802.11ac (VHT20)	SISO	5500	1	17.599	Pass
		5580	1	17.668	Pass
		5700	1	17.626	Pass
802.11ac (VHT40)	SISO	5510	1	36.381	Pass
		5550	1	36.394	Pass
		5670	1	36.337	Pass
802.11ac (VHT80)	SISO	5530	1	75.234	Pass
		5610	1	75.257	Pass

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5500	2	16.695	Pass
		5580	2	16.861	Pass
		5700	2	16.681	Pass
802.11n (HT20)	SISO	5500	2	17.622	Pass
		5580	2	17.684	Pass
		5700	2	17.602	Pass
802.11n (HT40)	SISO	5510	2	36.455	Pass
		5550	2	36.184	Pass
		5670	2	36.200	Pass
802.11ac (VHT20)	SISO	5500	2	17.624	Pass
		5580	2	17.684	Pass
		5700	2	17.583	Pass
802.11ac (VHT40)	SISO	5510	2	36.234	Pass
		5550	2	36.215	Pass
		5670	2	36.440	Pass
802.11ac (VHT80)	SISO	5530	2	75.144	Pass
		5610	2	75.244	Pass

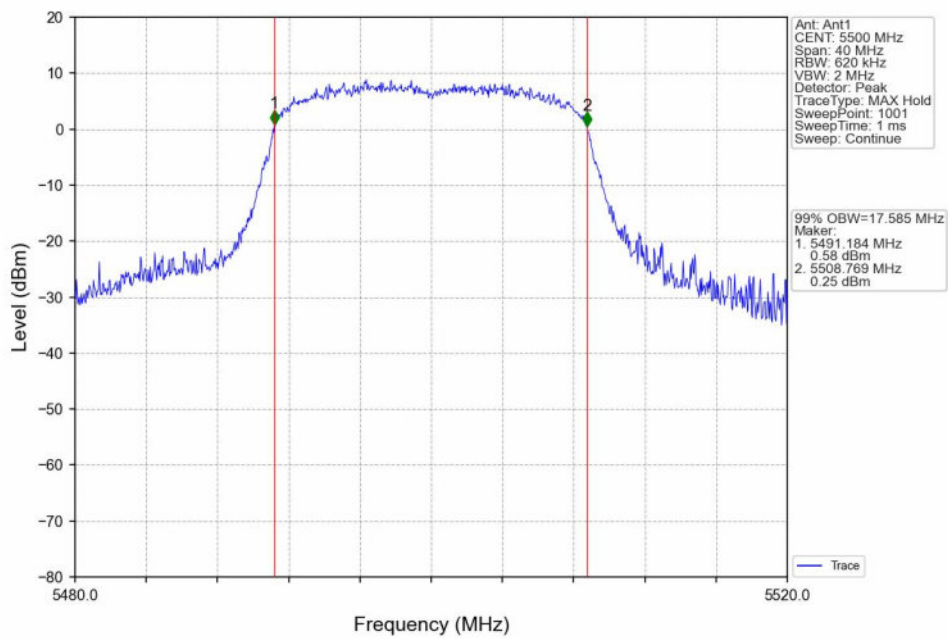
1.1.2 Test Graph



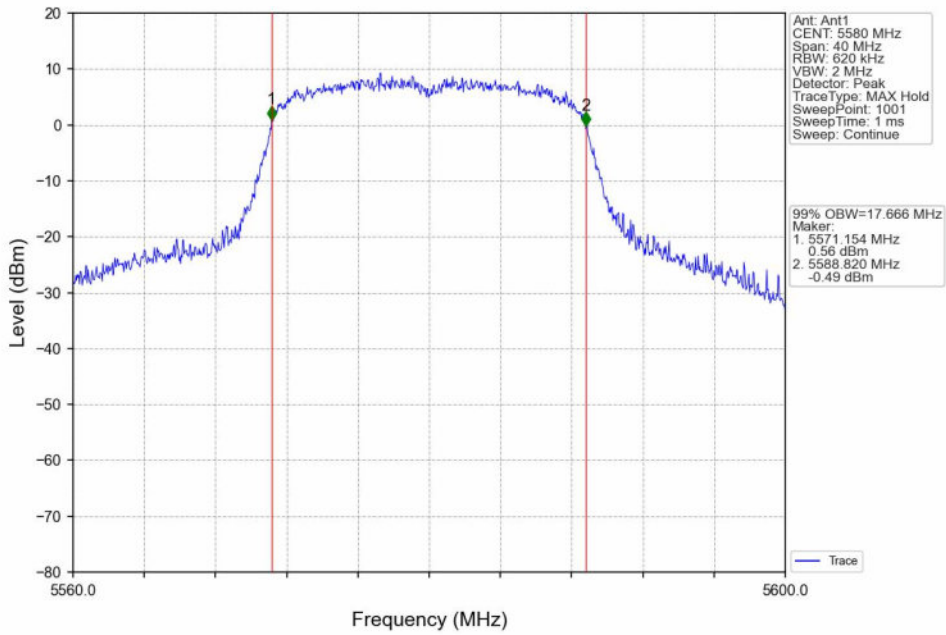
802.11a_HCH_5700MHz_Ant1_NTNV



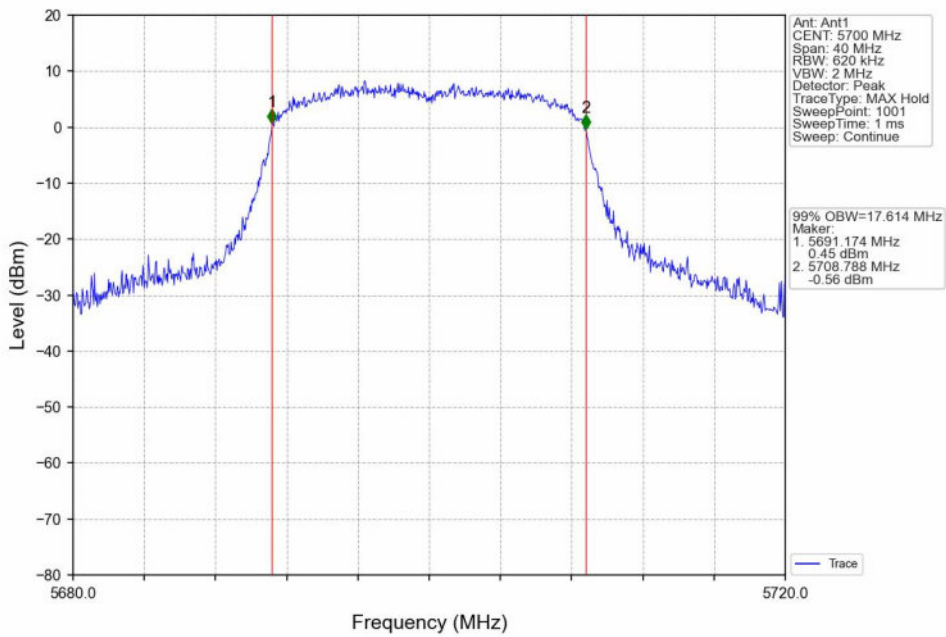
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



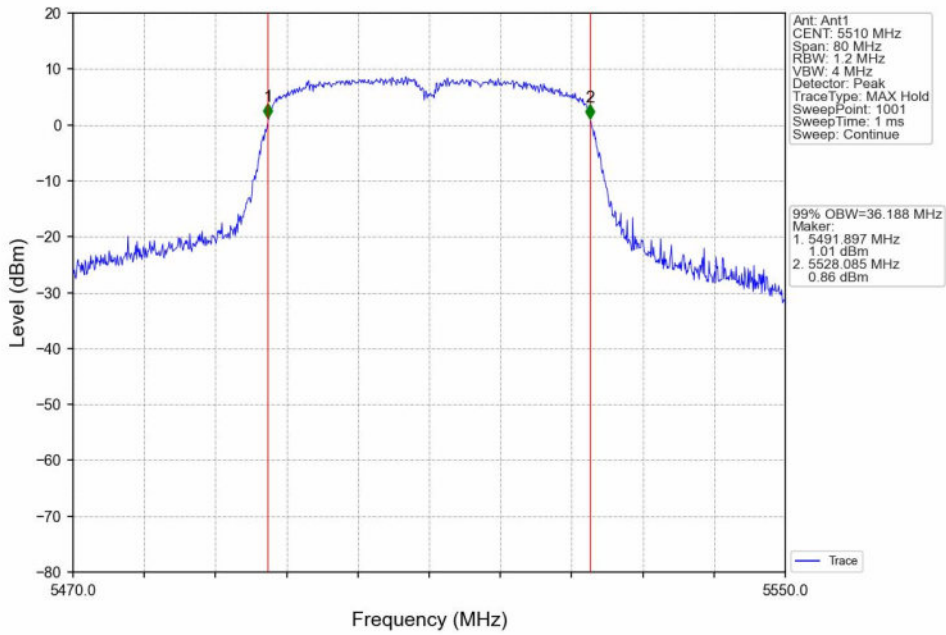
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



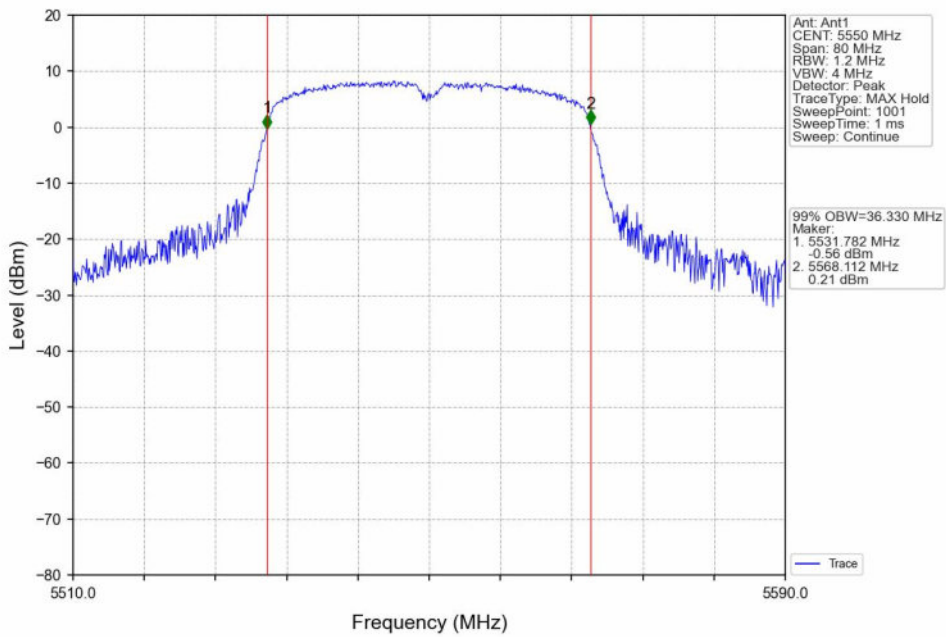
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



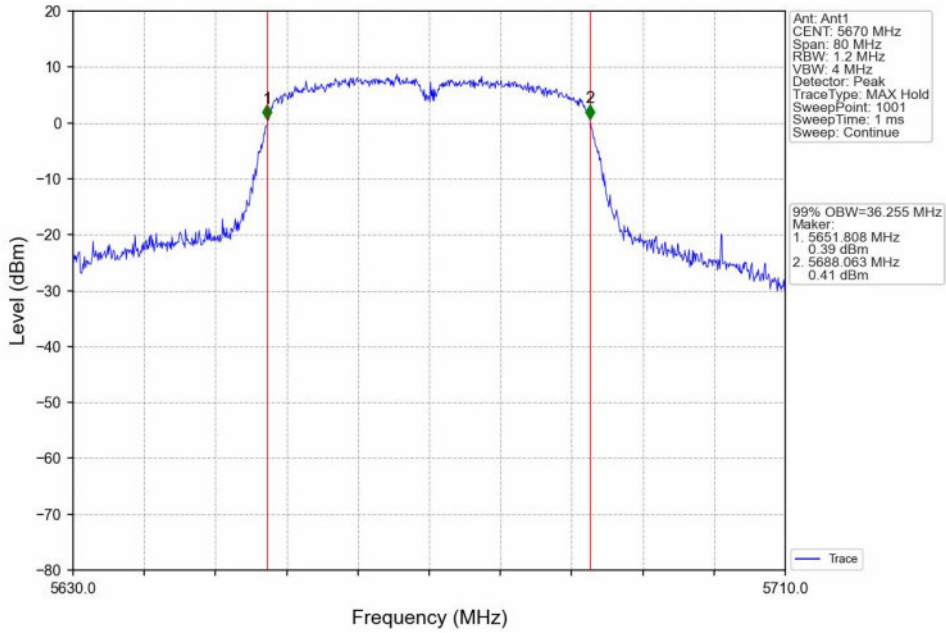
802.11n(HT40) LCH_5510MHz_Ant1_NTNV



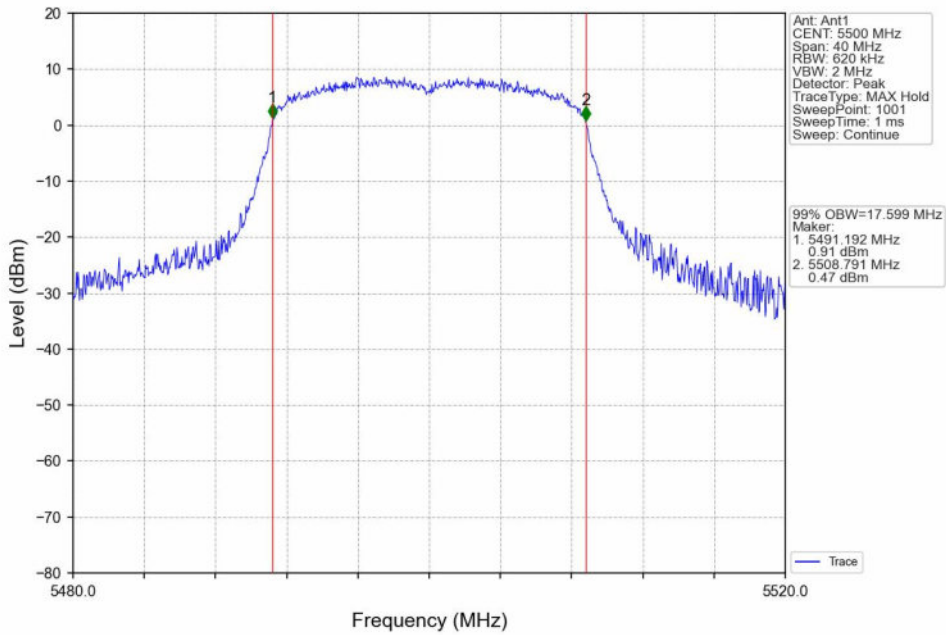
802.11n(HT40) MCH_5550MHz_Ant1_NTNV



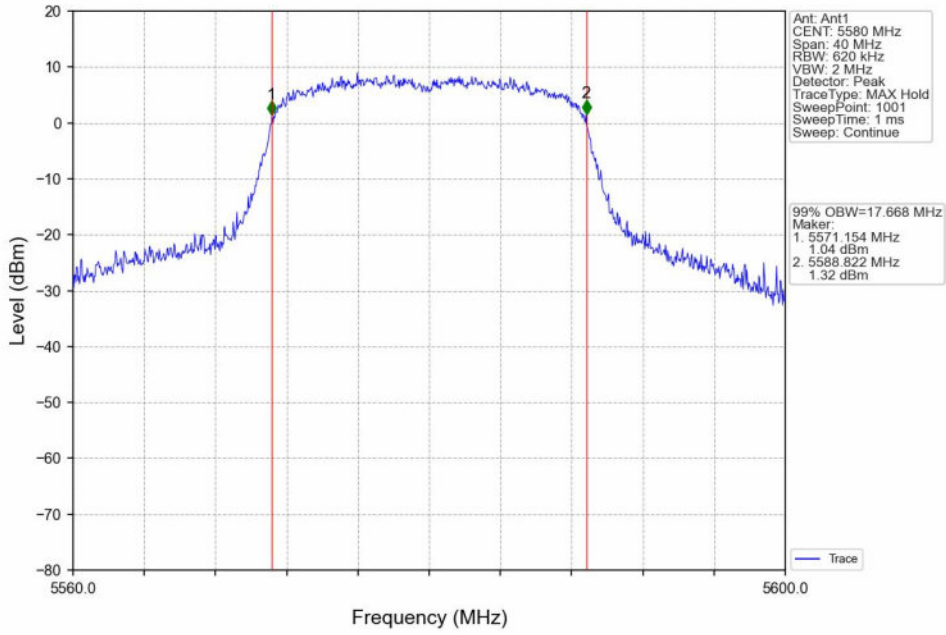
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



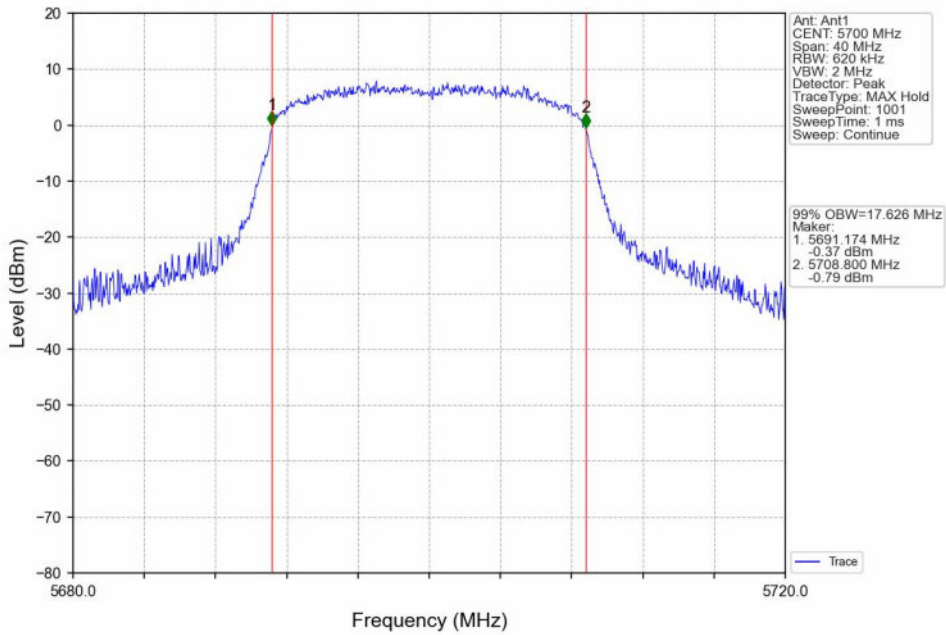
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



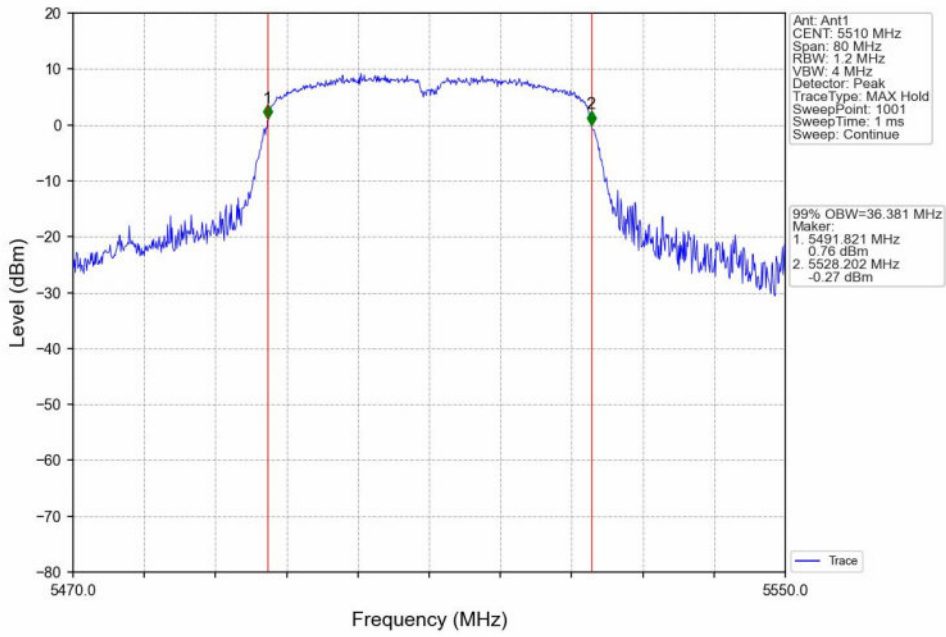
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



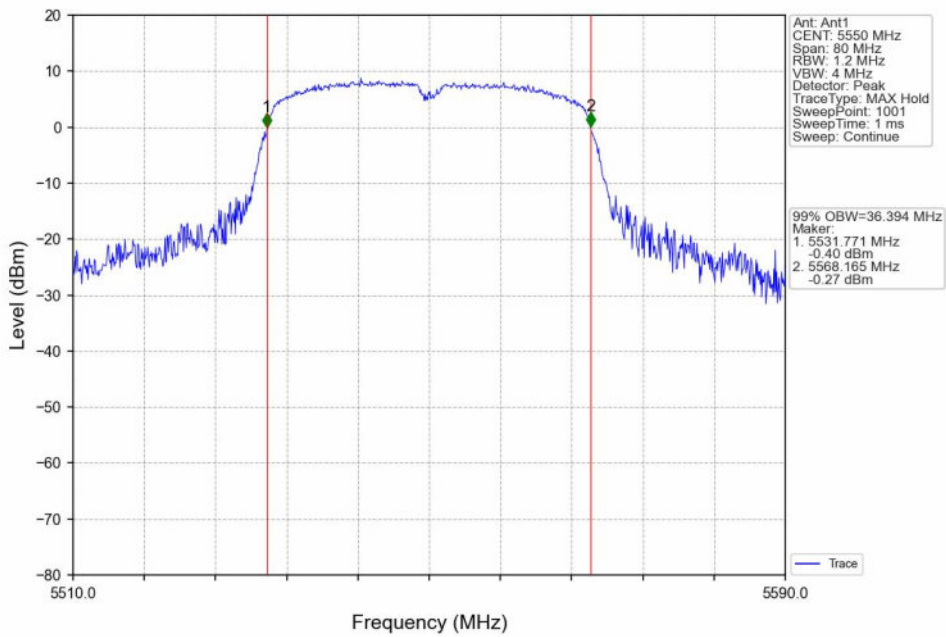
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



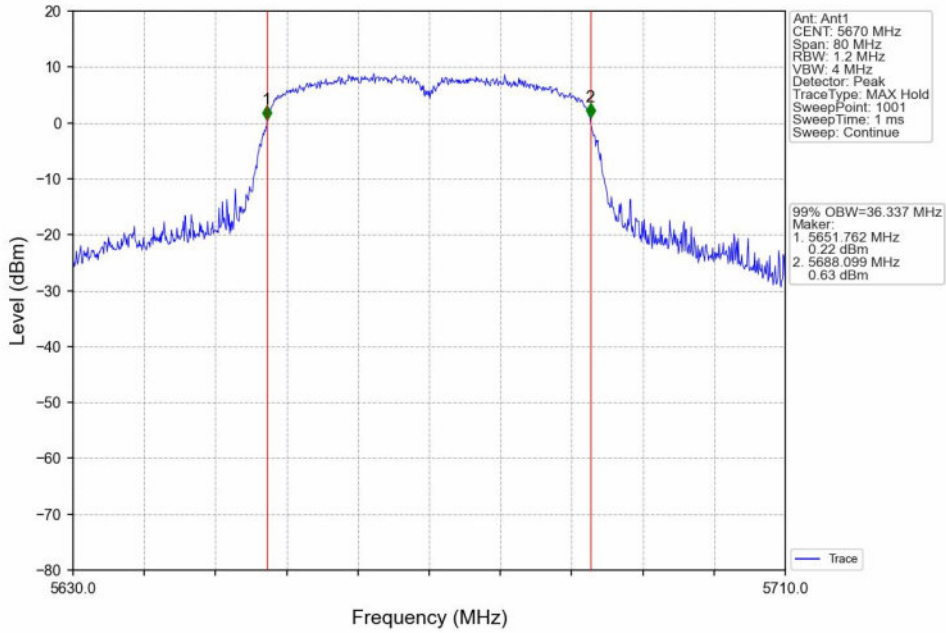
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



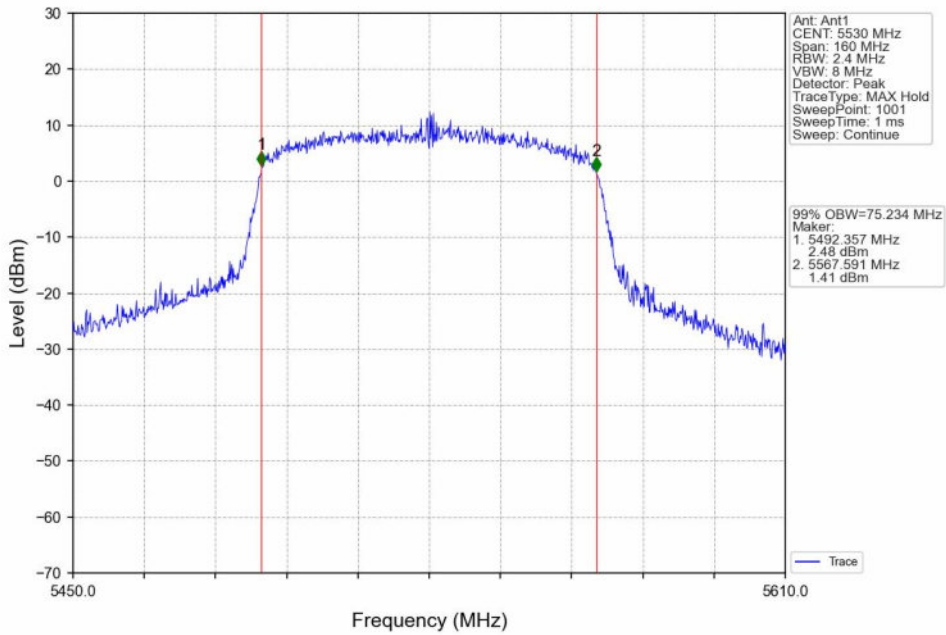
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV

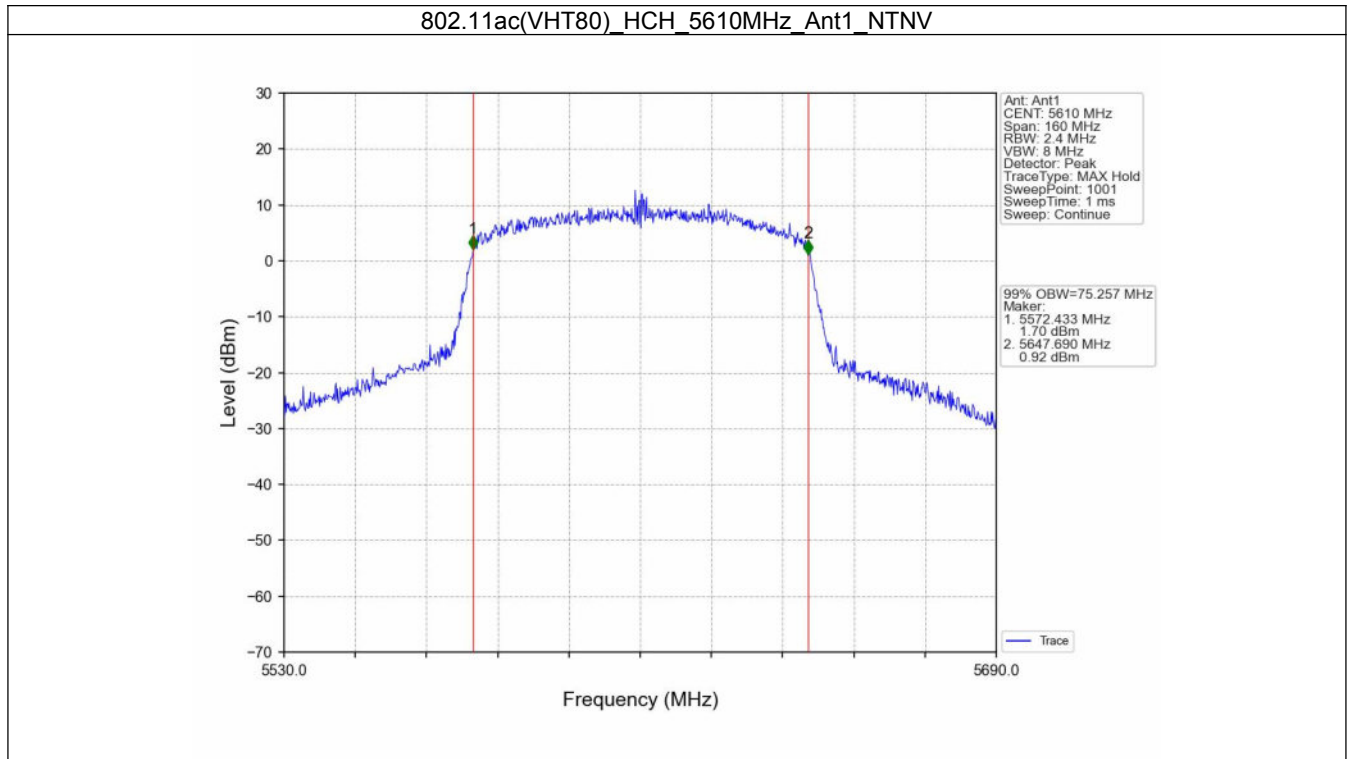


802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV

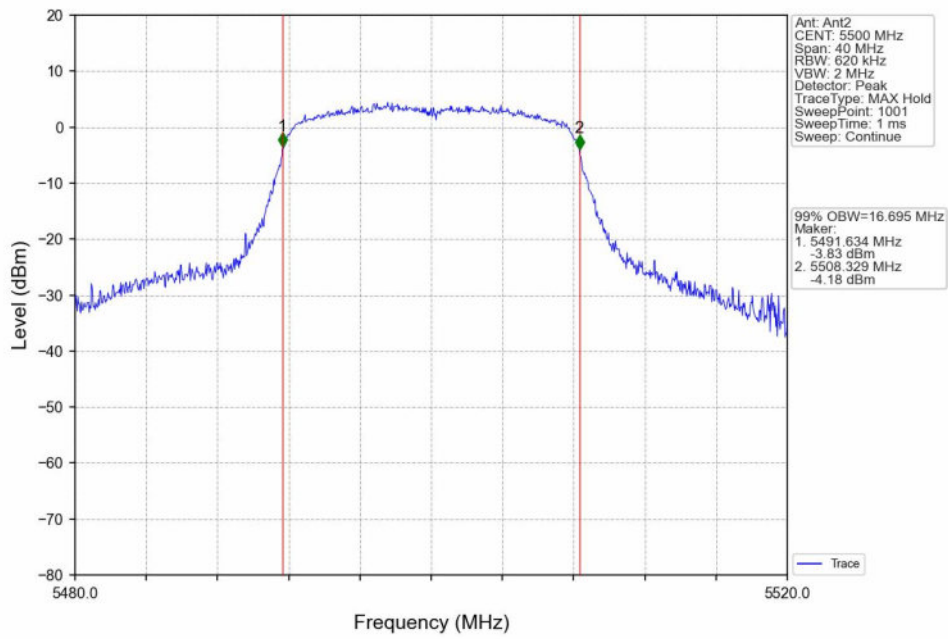


802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

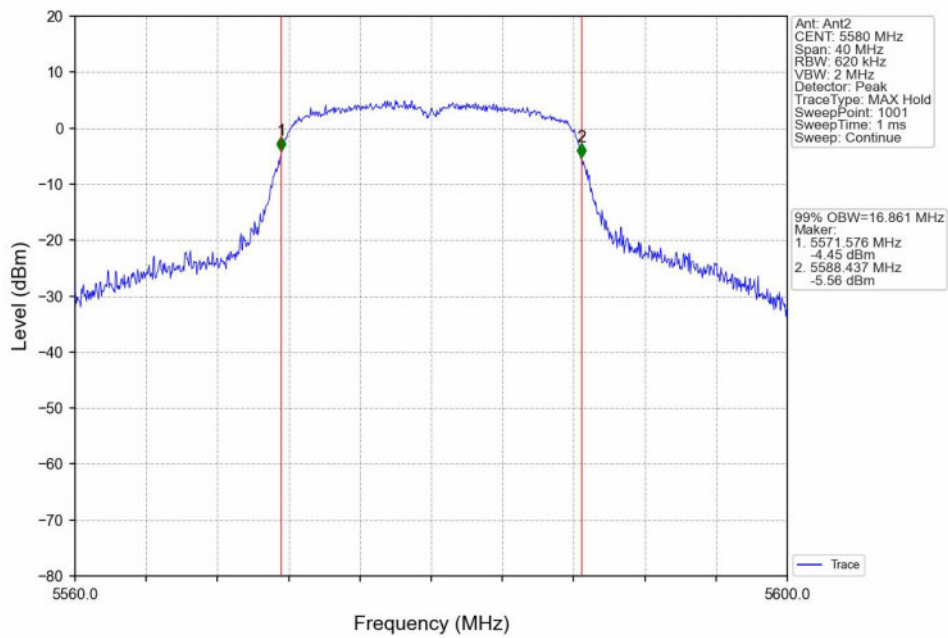




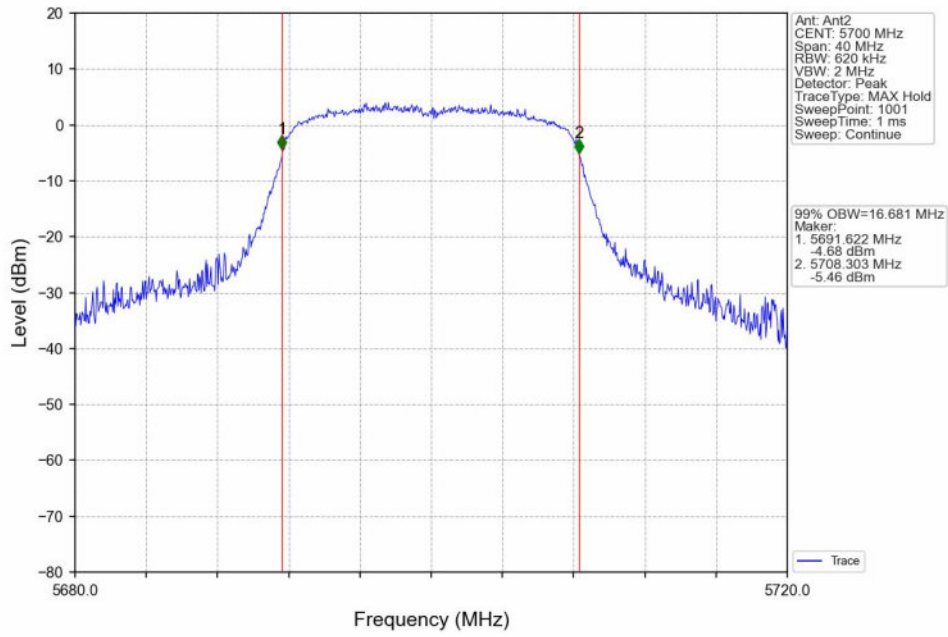
802.11a_LCH_5500MHz_Ant2_NTNV



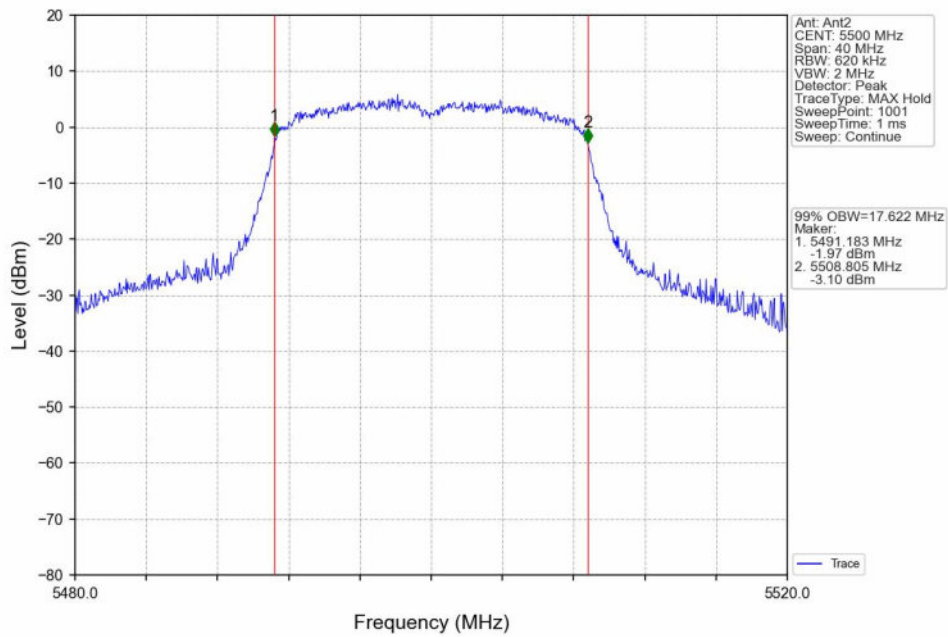
802.11a_MCH_5580MHz_Ant2_NTNV



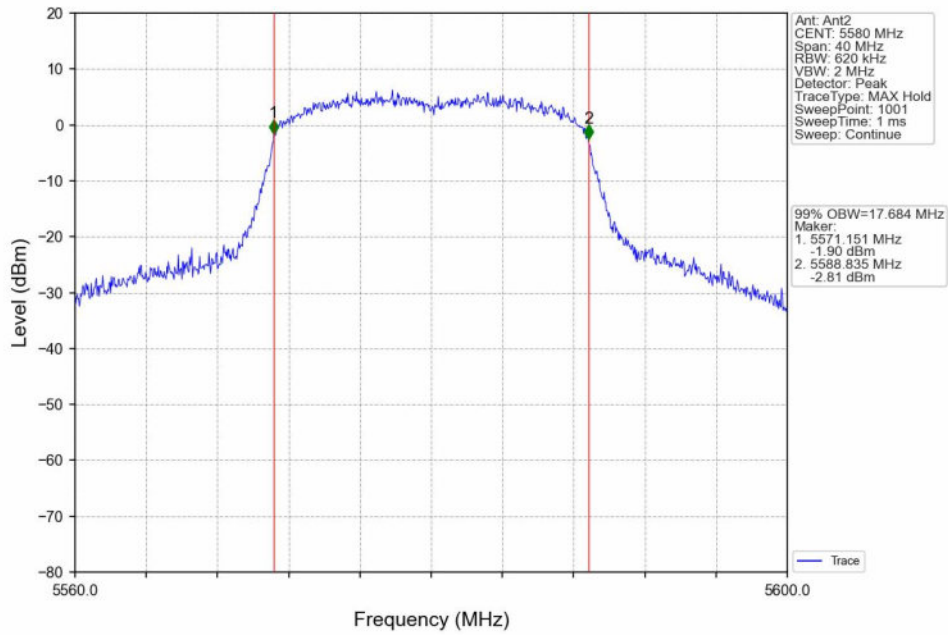
802.11a_HCH_5700MHz_Ant2_NTNV



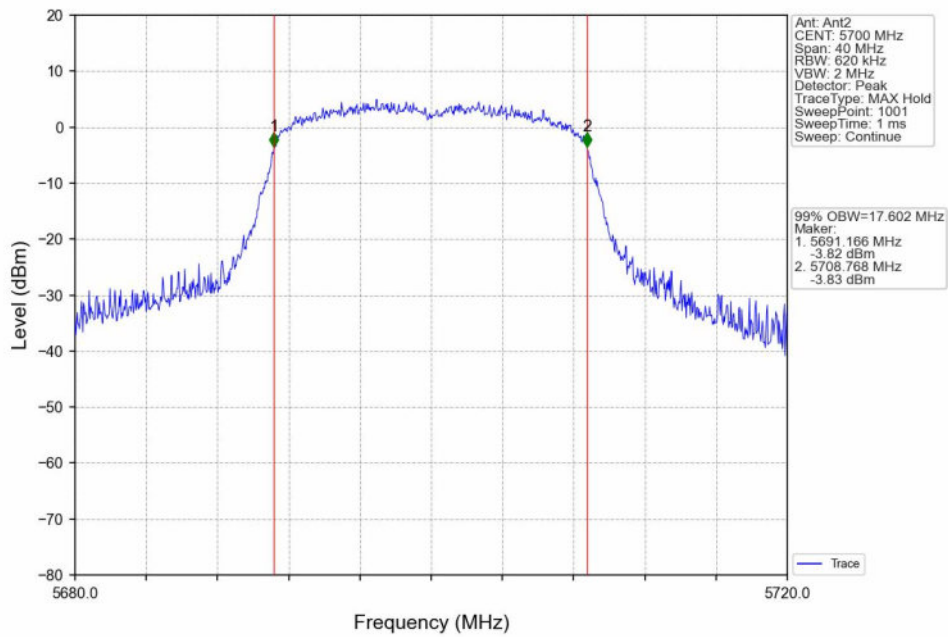
802.11n(HT20)_LCH_5500MHz_Ant2_NTNV



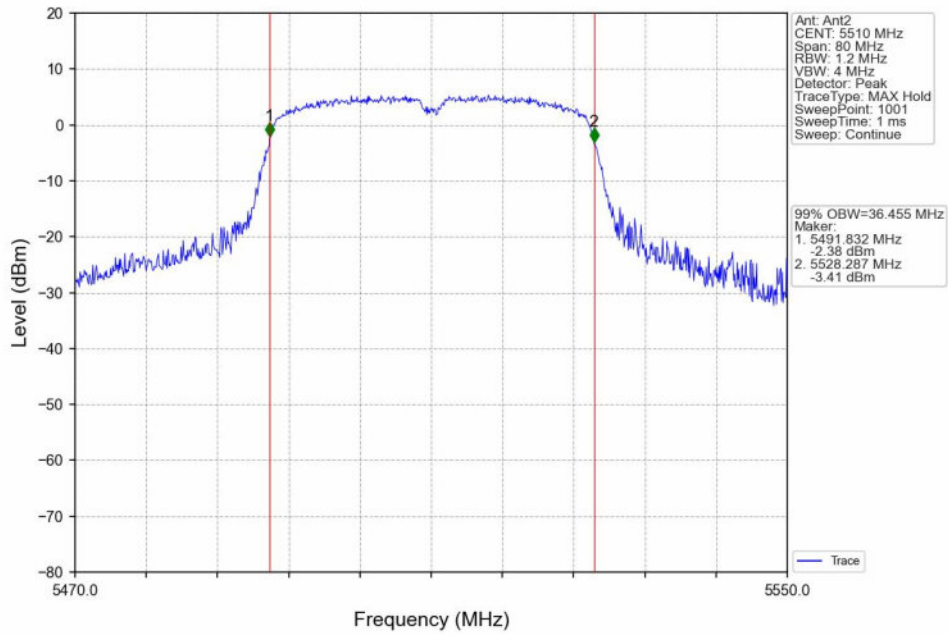
802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



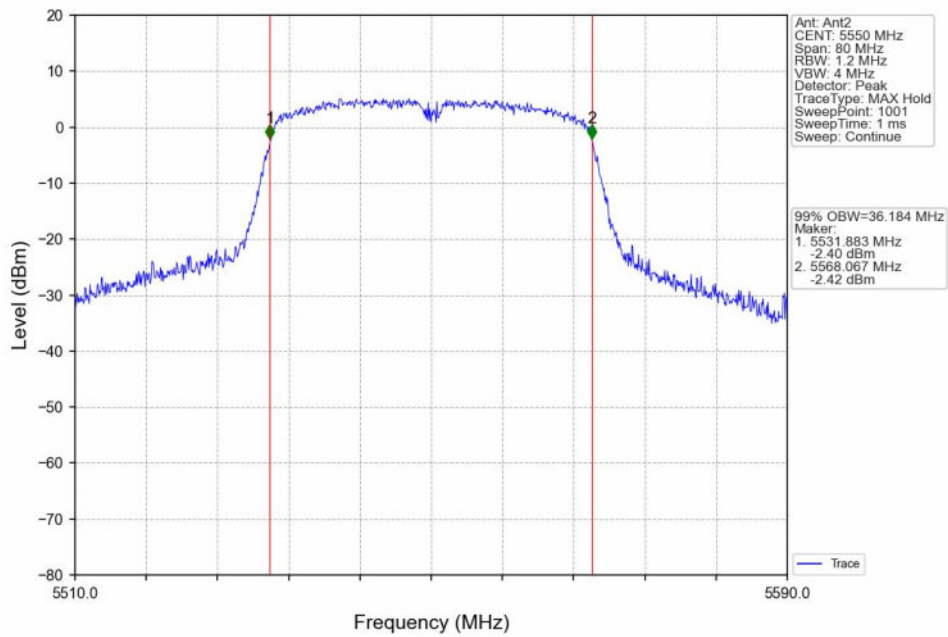
802.11n(HT20)_HCH_5700MHz_Ant2_NTNV



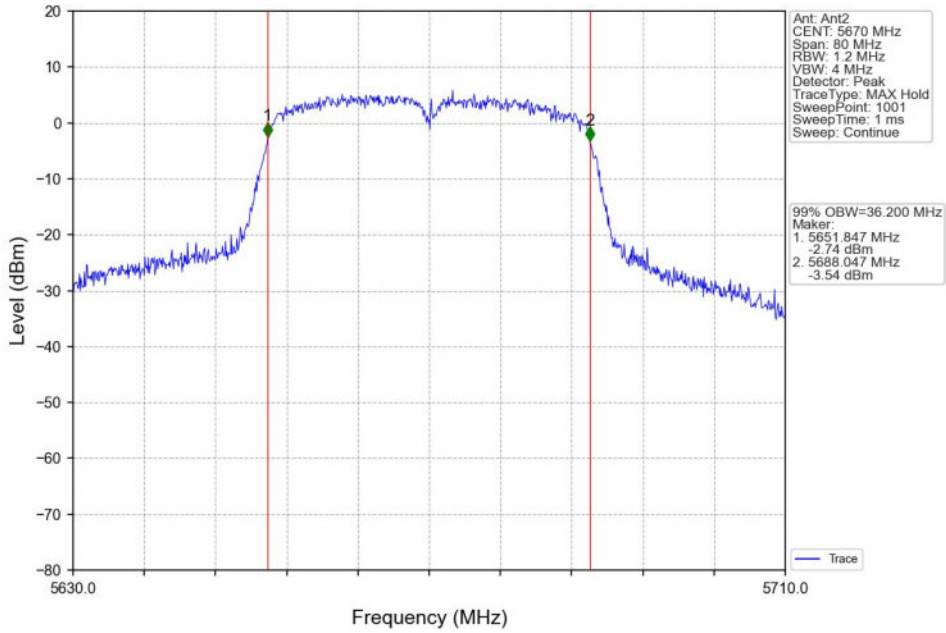
802.11n(HT40) LCH_5510MHz_Ant2_NTNV



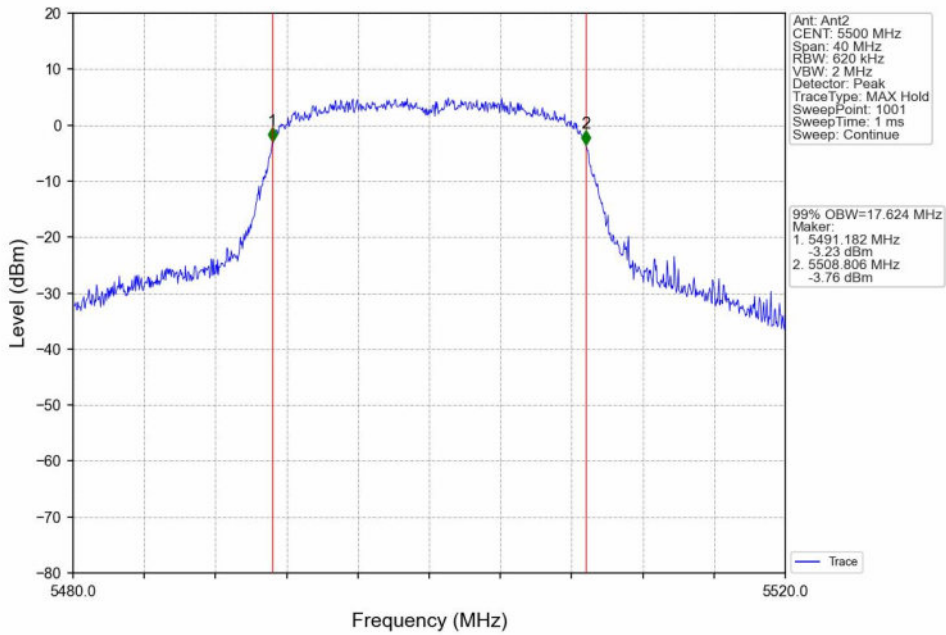
802.11n(HT40) MCH_5550MHz_Ant2_NTNV



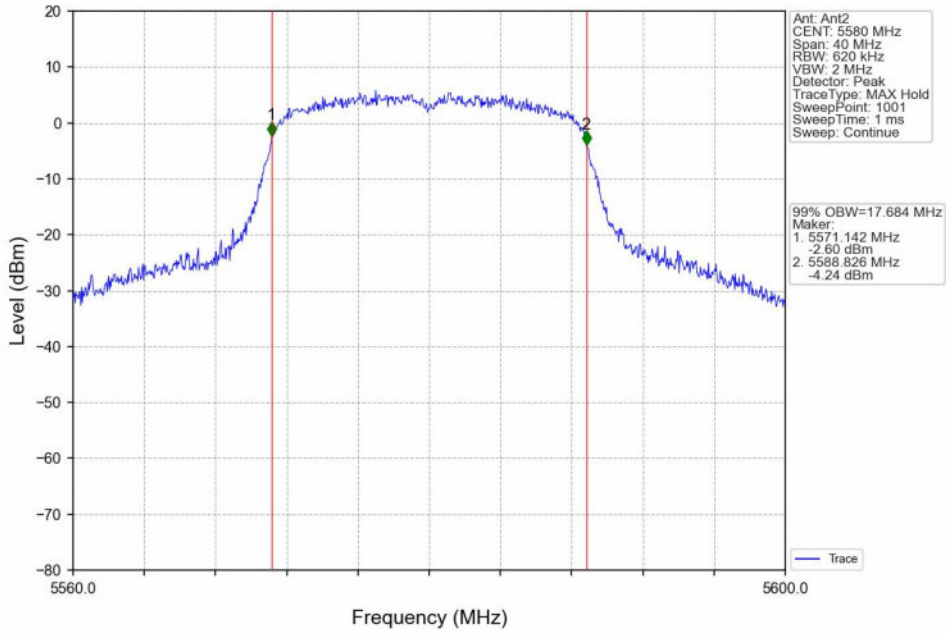
802.11n(HT40)_HCH_5670MHz_Ant2_NTNV



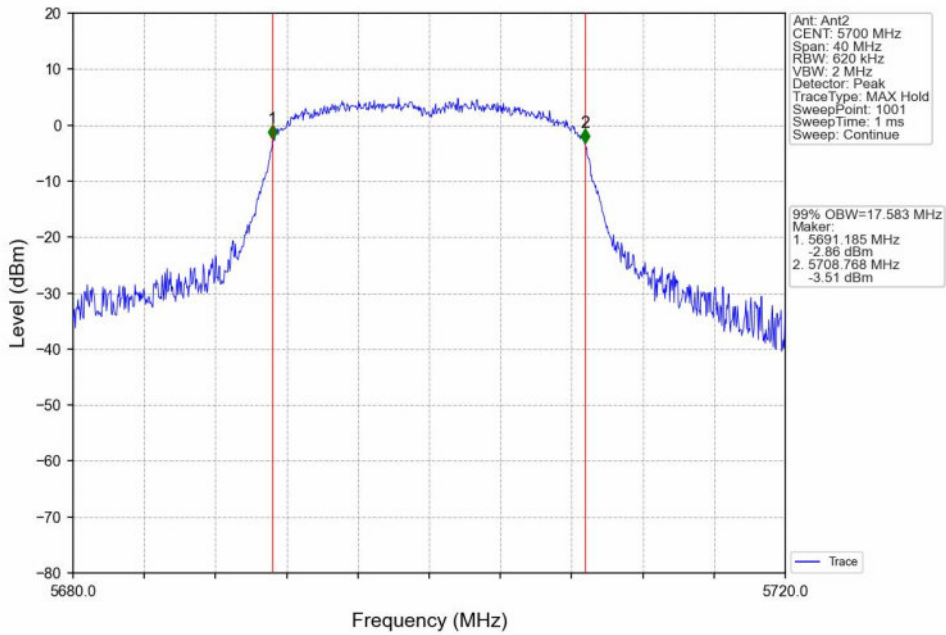
802.11ac(VHT20)_LCH_5500MHz_Ant2_NTNV



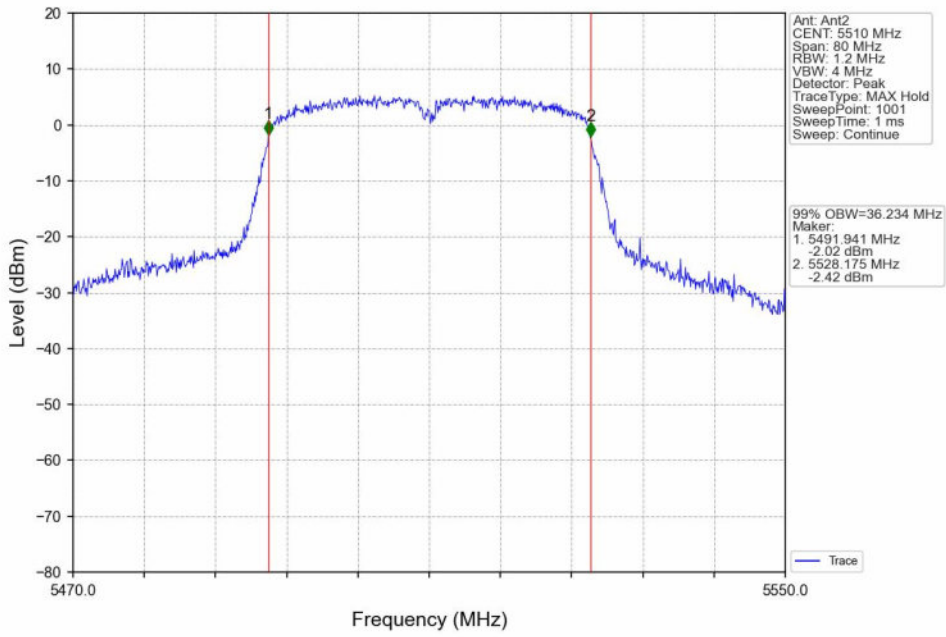
802.11ac(VHT20)_MCH_5580MHz_Ant2_NTNV



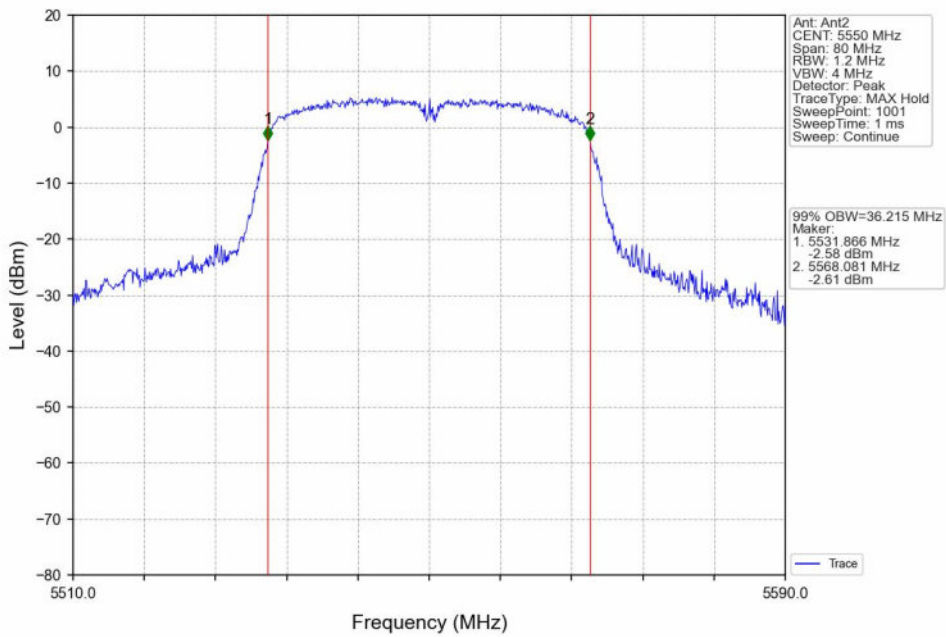
802.11ac(VHT20)_HCH_5700MHz_Ant2_NTNV



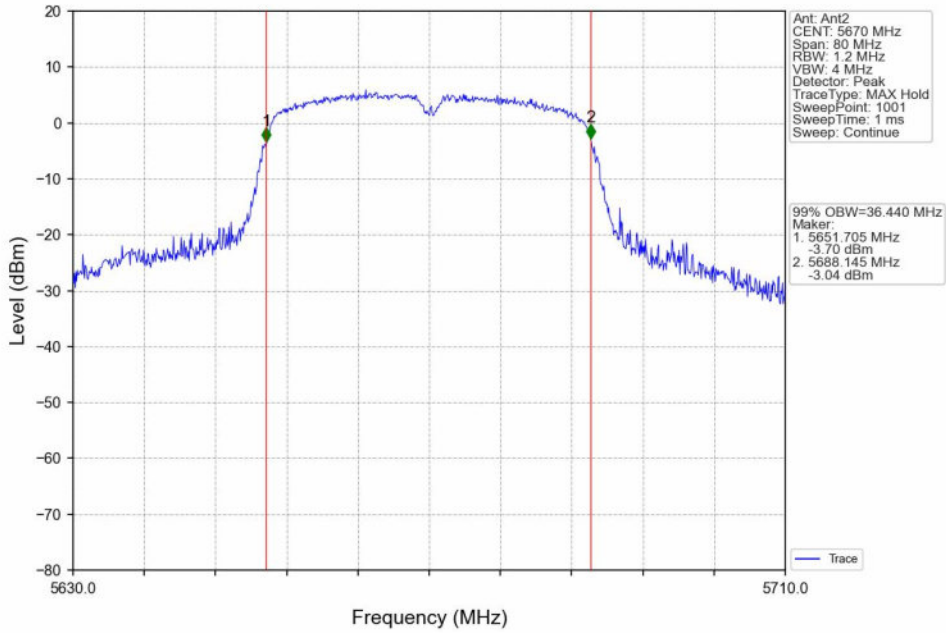
802.11ac(VHT40)_LCH_5510MHz_Ant2_NTNV



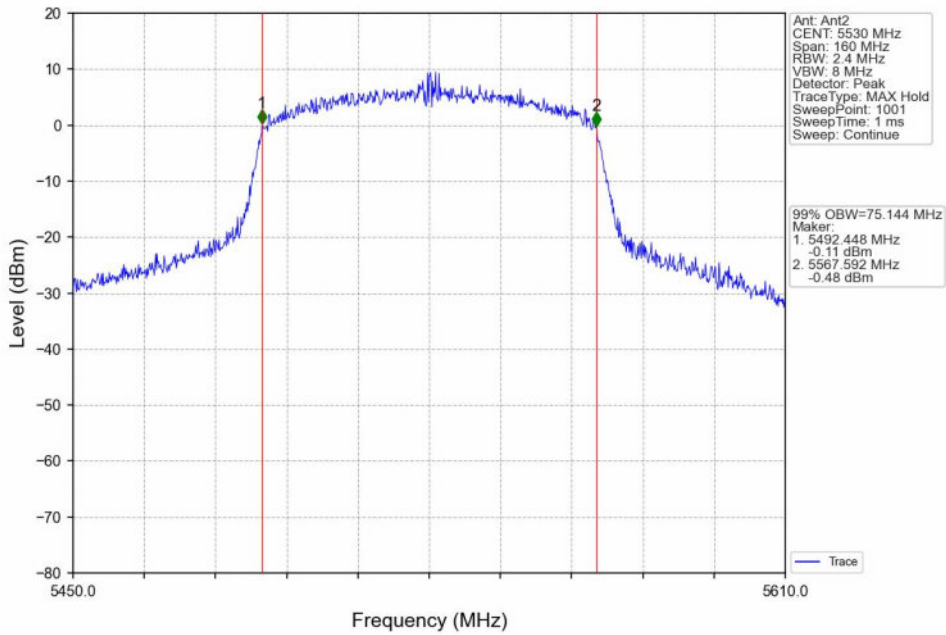
802.11ac(VHT40)_MCH_5550MHz_Ant2_NTNV

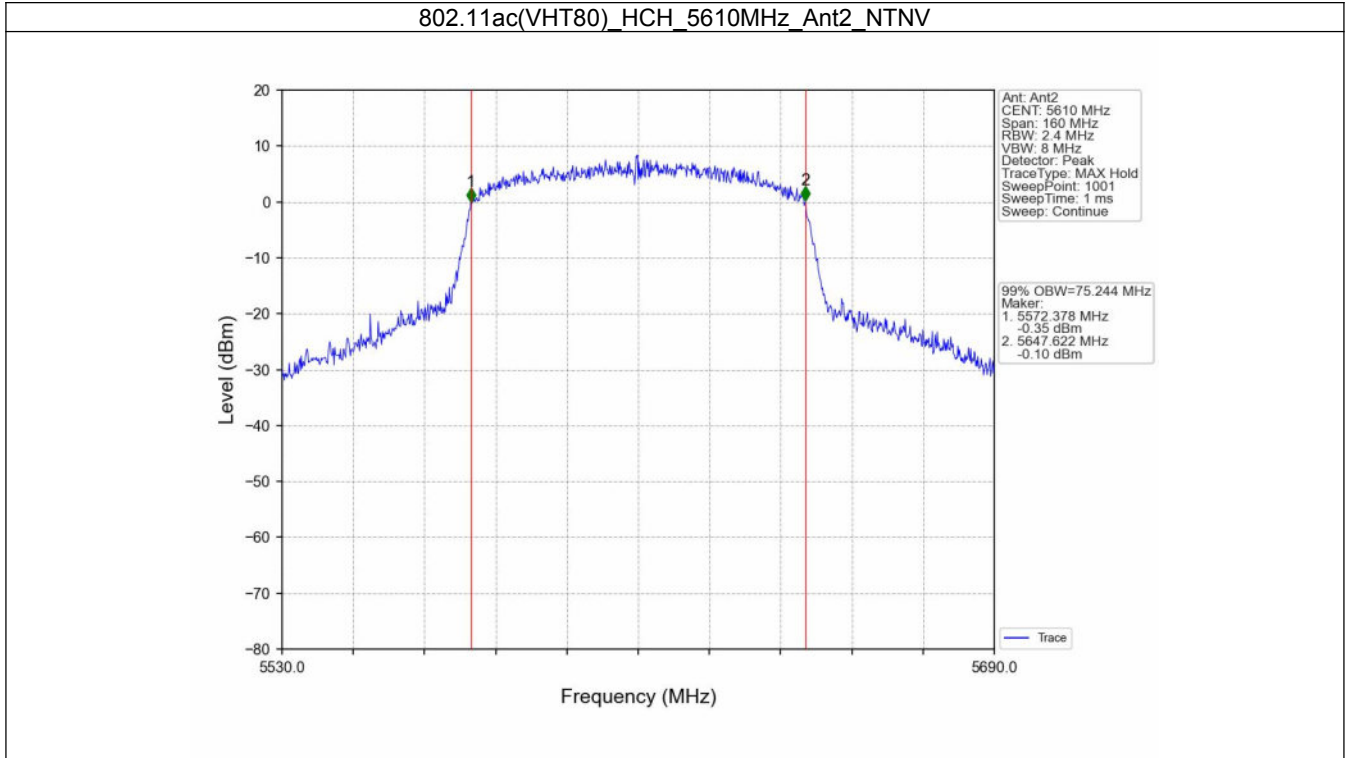


802.11ac(VHT40)_HCH_5670MHz_Ant2_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant2_NTNV





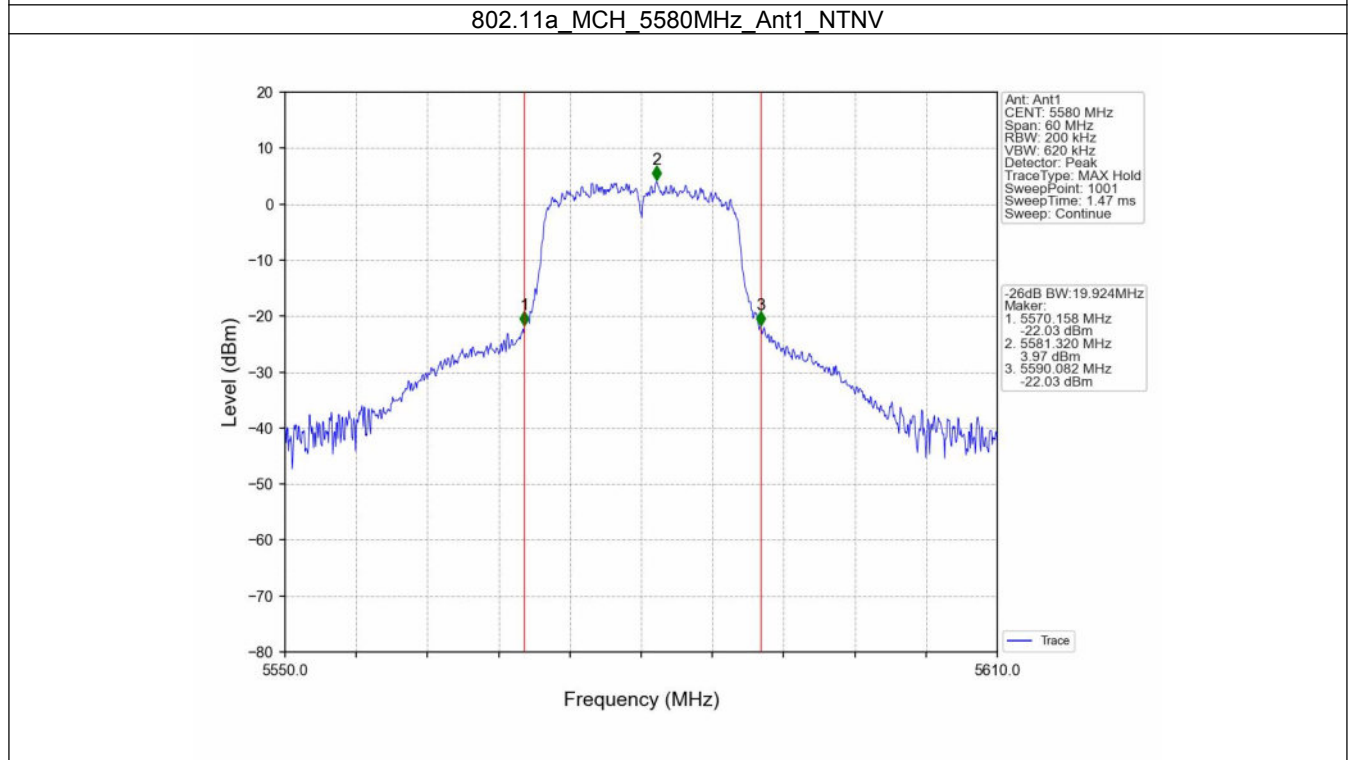
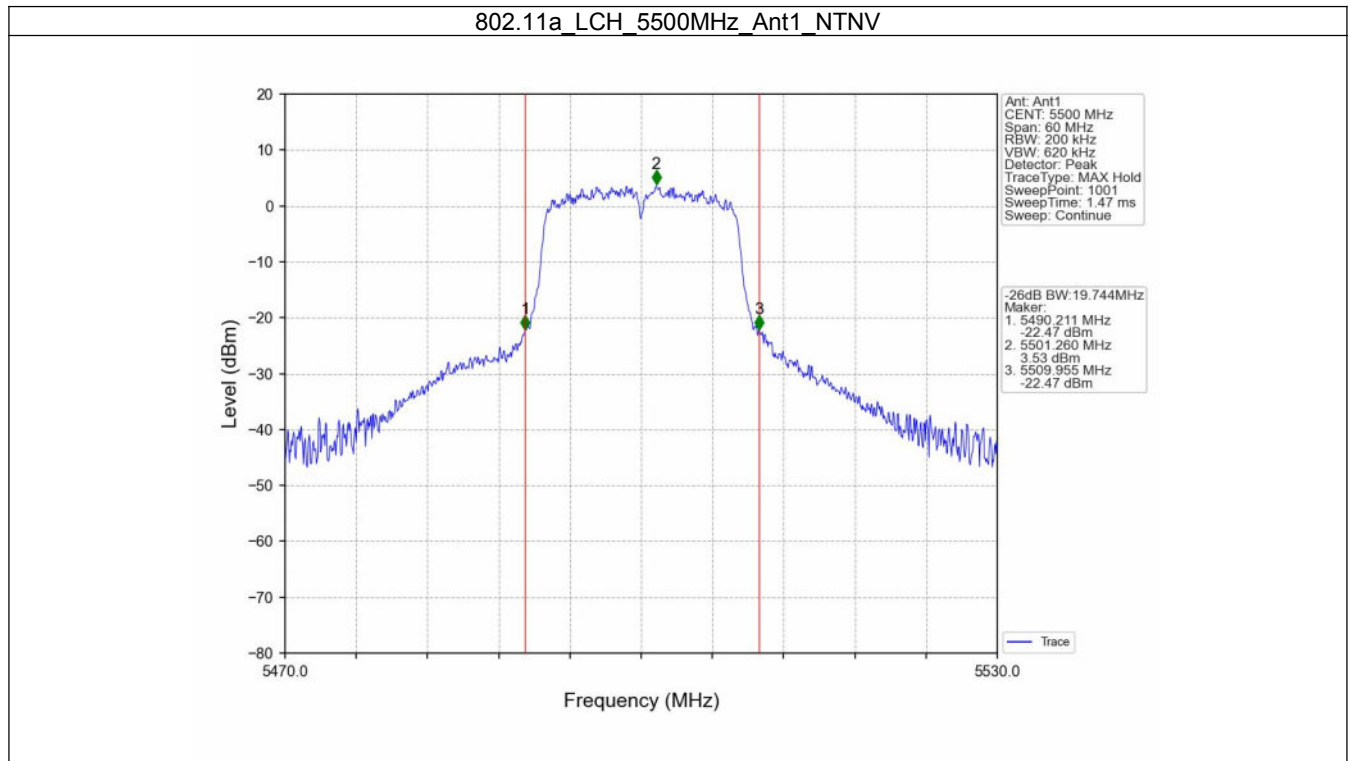
1.2 26dB BW

1.2.1 Test Result

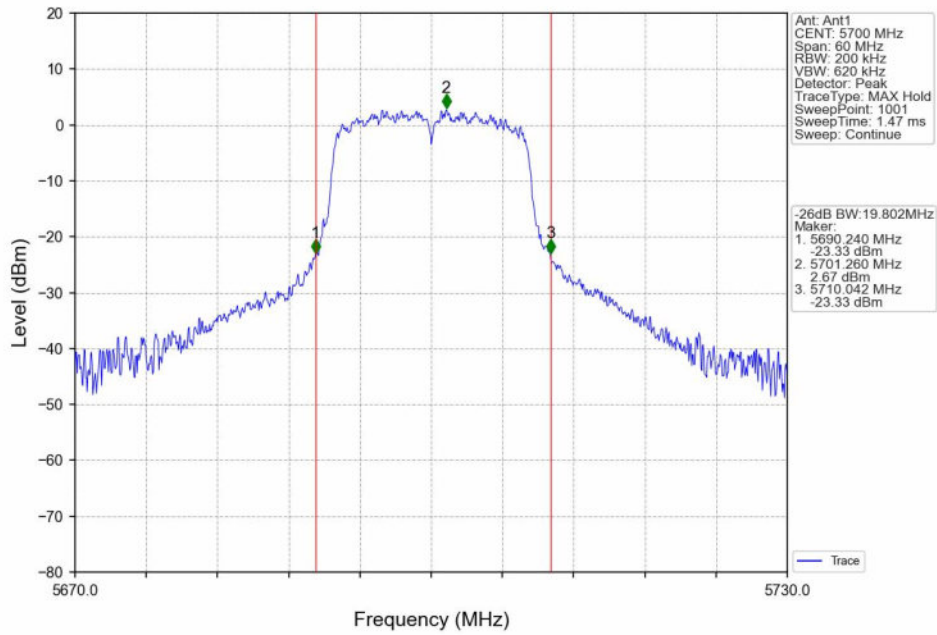
Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5500	1	19.744	Pass
		5580	1	19.924	Pass
		5700	1	19.802	Pass
802.11n (HT20)	SISO	5500	1	20.086	Pass
		5580	1	20.279	Pass
		5700	1	19.927	Pass
802.11n (HT40)	SISO	5510	1	41.153	Pass
		5550	1	42.253	Pass
		5670	1	42.149	Pass
802.11ac (VHT20)	SISO	5500	1	19.918	Pass
		5580	1	20.605	Pass
		5700	1	20.274	Pass
802.11ac (VHT40)	SISO	5510	1	44.197	Pass
		5550	1	42.412	Pass
		5670	1	41.141	Pass
802.11ac (VHT80)	SISO	5530	1	82.751	Pass
		5610	1	83.873	Pass

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5500	2	19.735	Pass
		5580	2	21.955	Pass
		5700	2	19.905	Pass
802.11n (HT20)	SISO	5500	2	20.181	Pass
		5580	2	20.435	Pass
		5700	2	20.100	Pass
802.11n (HT40)	SISO	5510	2	43.425	Pass
		5550	2	41.404	Pass
		5670	2	41.027	Pass
802.11ac (VHT20)	SISO	5500	2	20.196	Pass
		5580	2	20.557	Pass
		5700	2	20.040	Pass
802.11ac (VHT40)	SISO	5510	2	42.394	Pass
		5550	2	41.974	Pass
		5670	2	42.333	Pass
802.11ac (VHT80)	SISO	5530	2	85.488	Pass
		5610	2	92.189	Pass

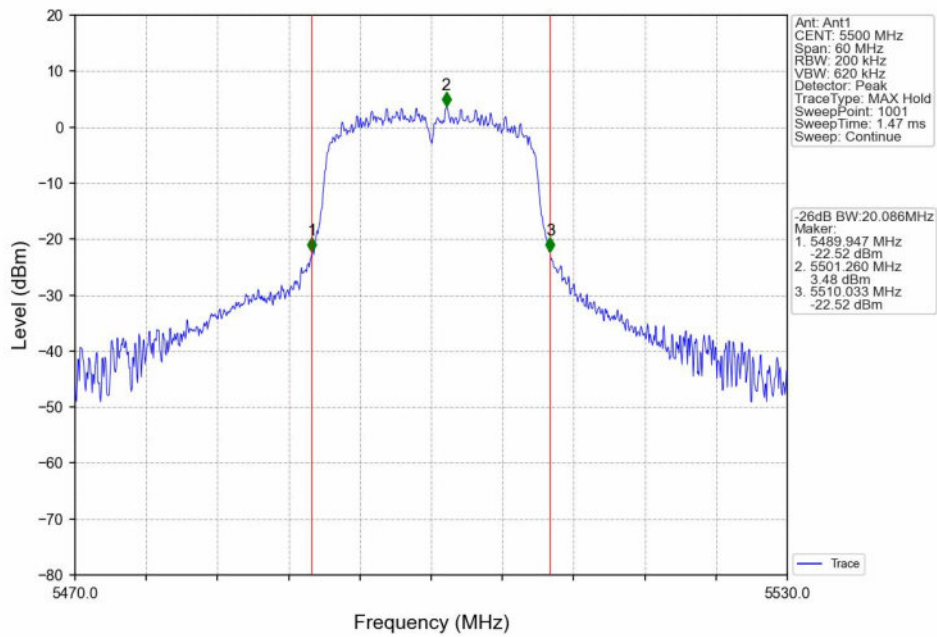
1.2.2 Test Graph



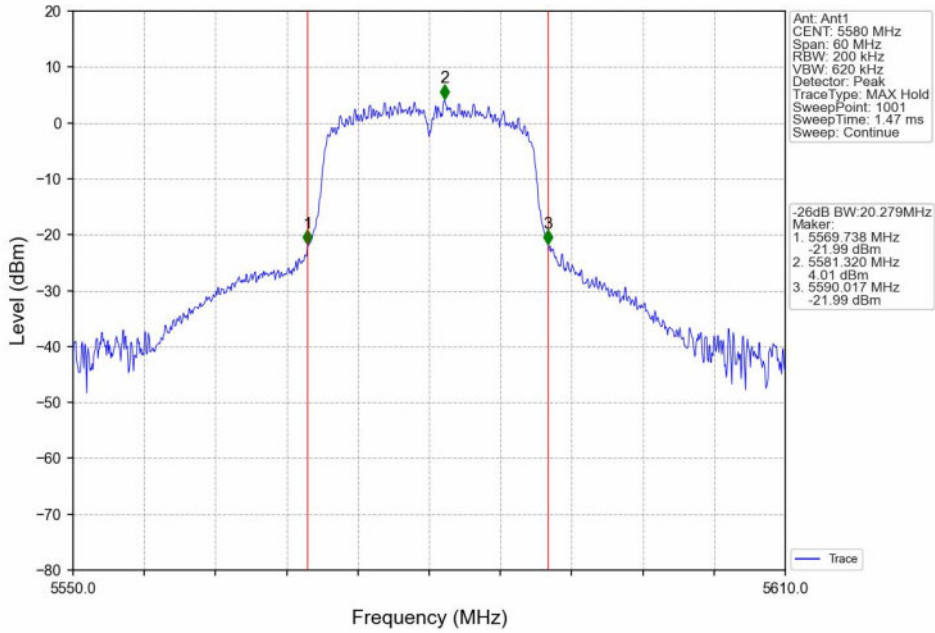
802.11a_HCH_5700MHz_Ant1_NTNV



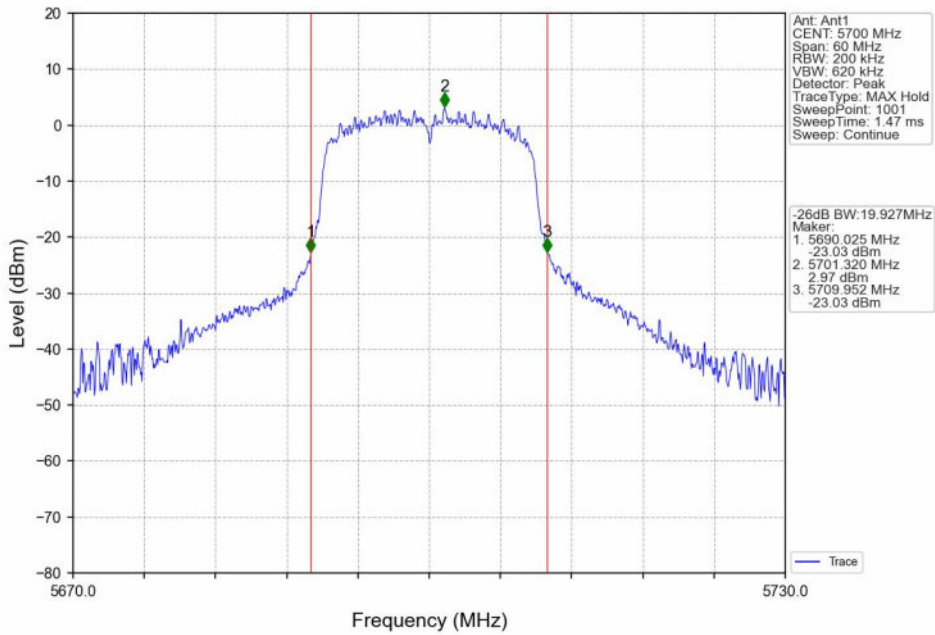
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



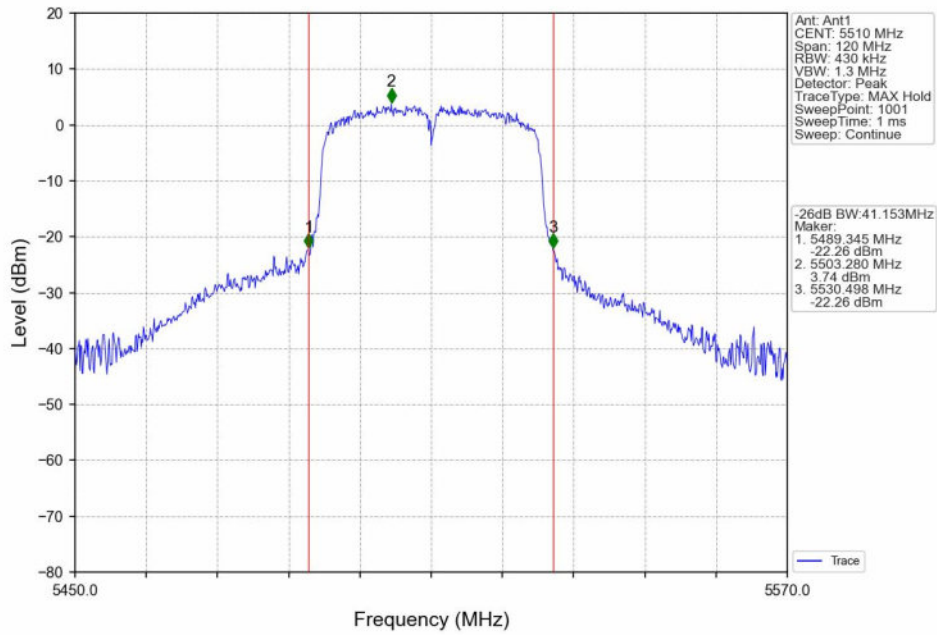
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



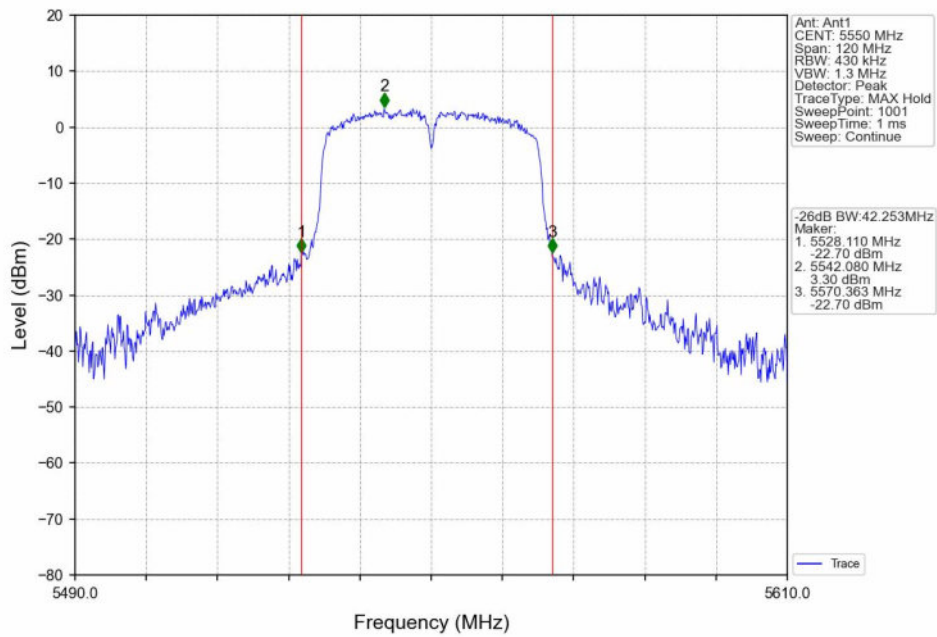
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



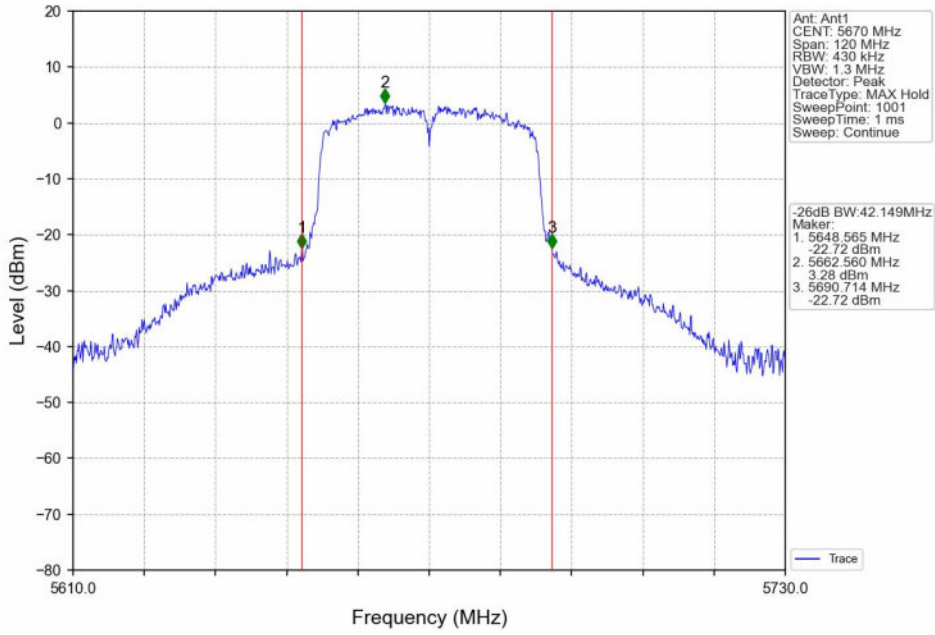
802.11n(HT40) LCH_5510MHz_Ant1_NTNV



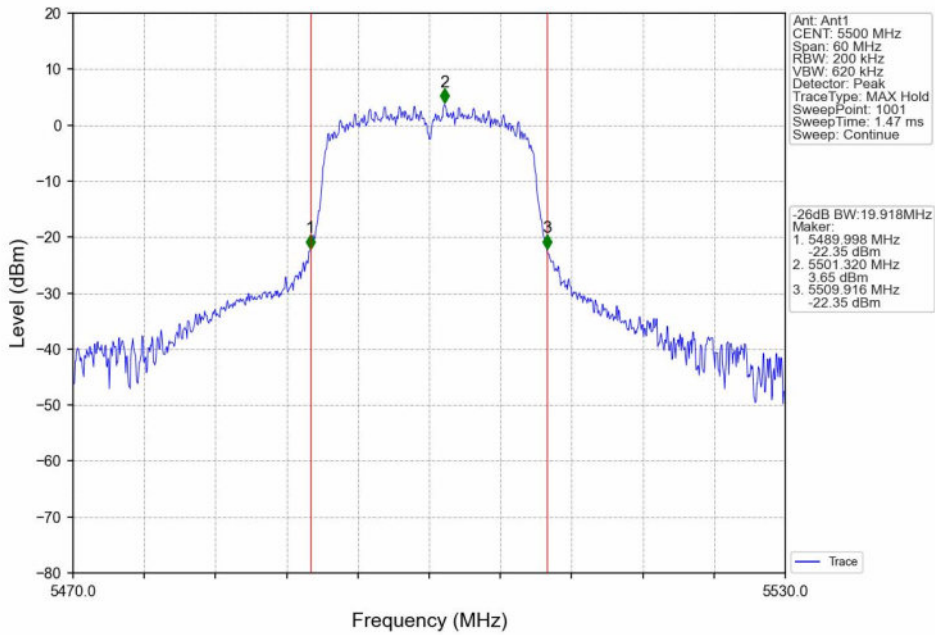
802.11n(HT40) MCH_5550MHz_Ant1_NTNV



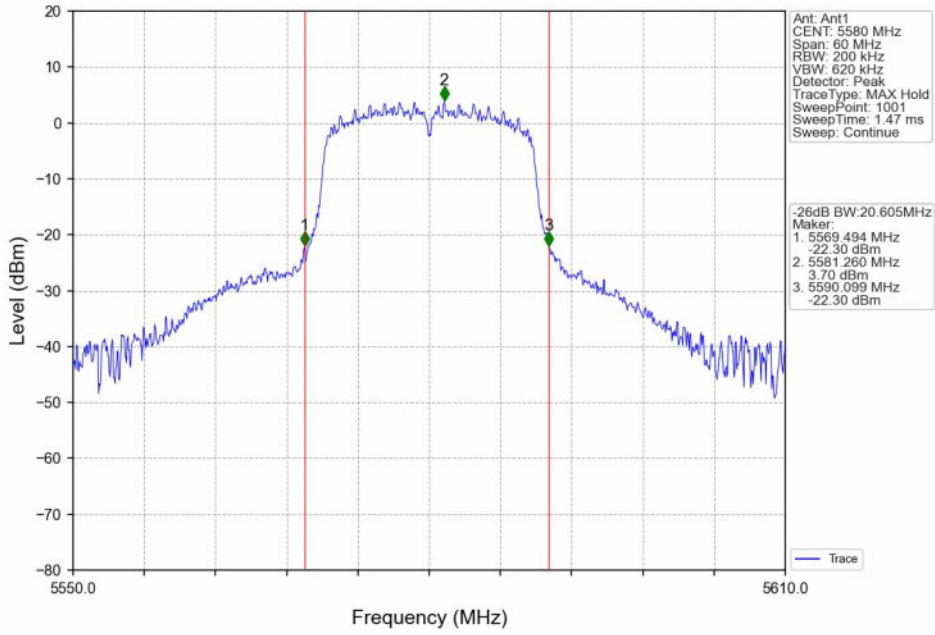
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



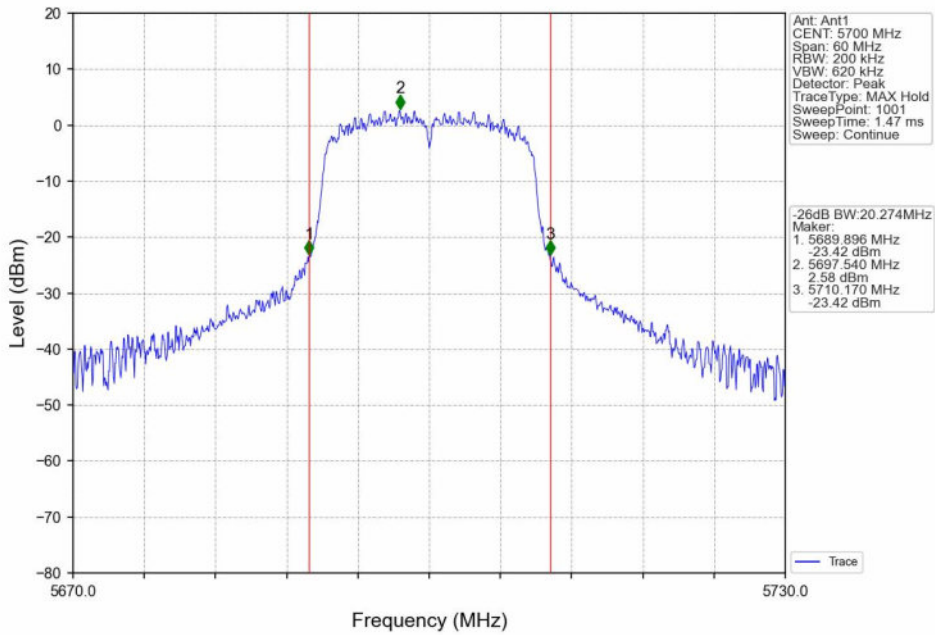
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



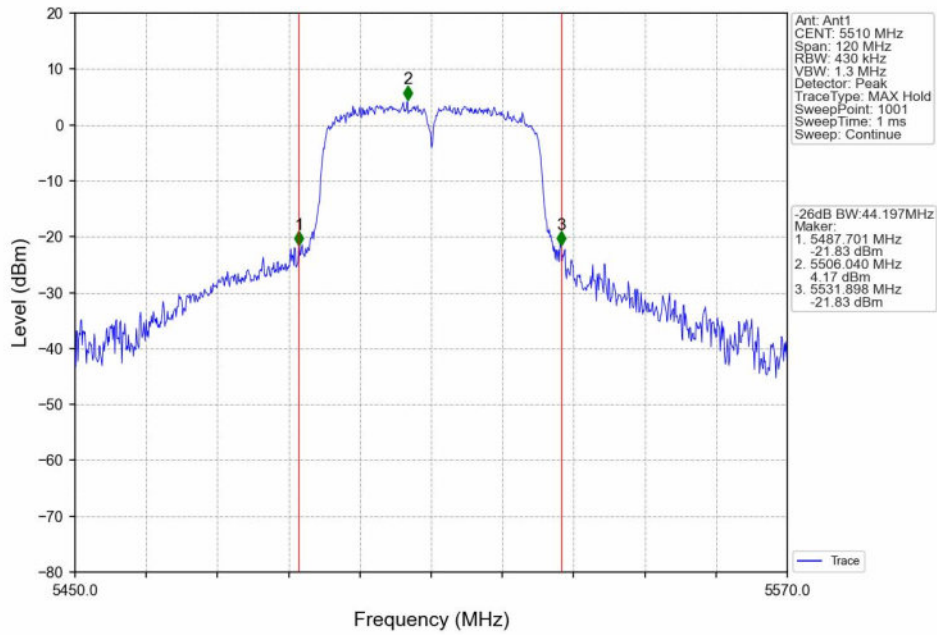
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



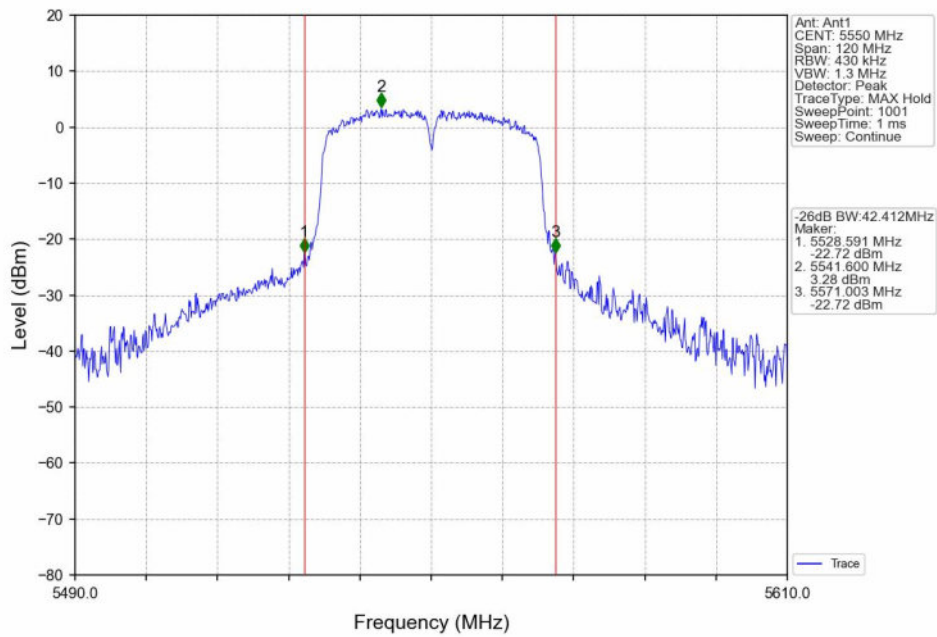
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



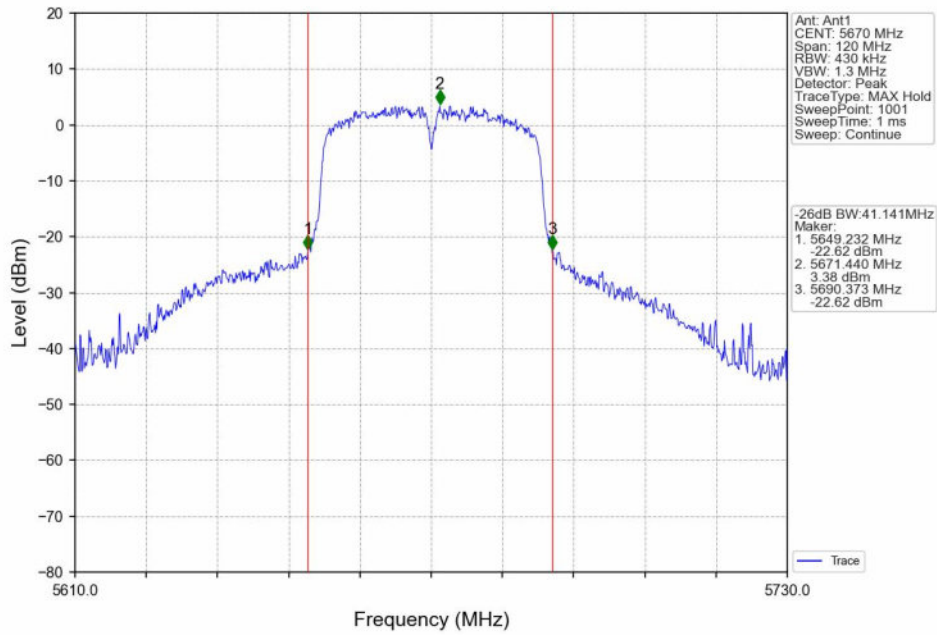
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



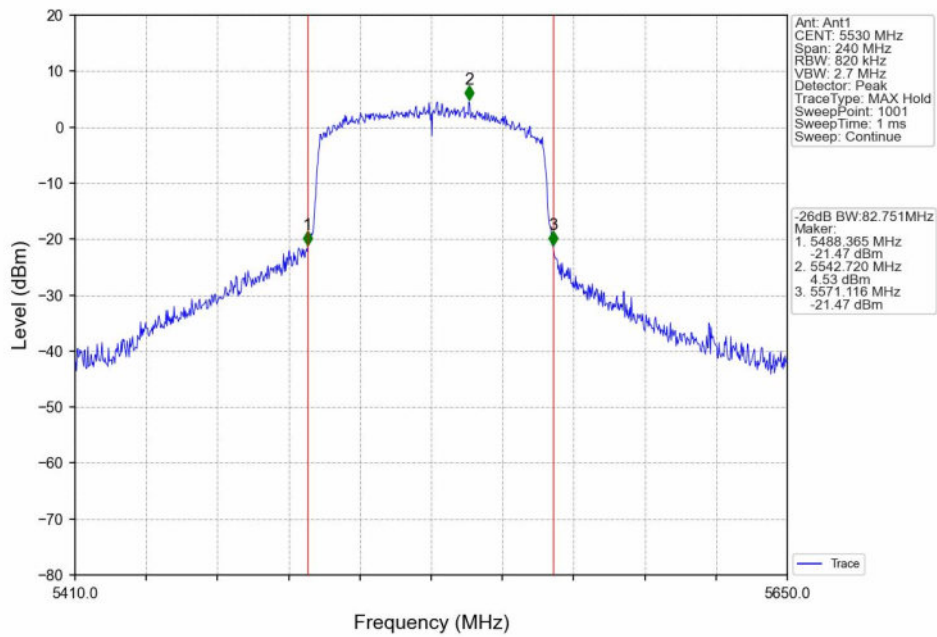
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV

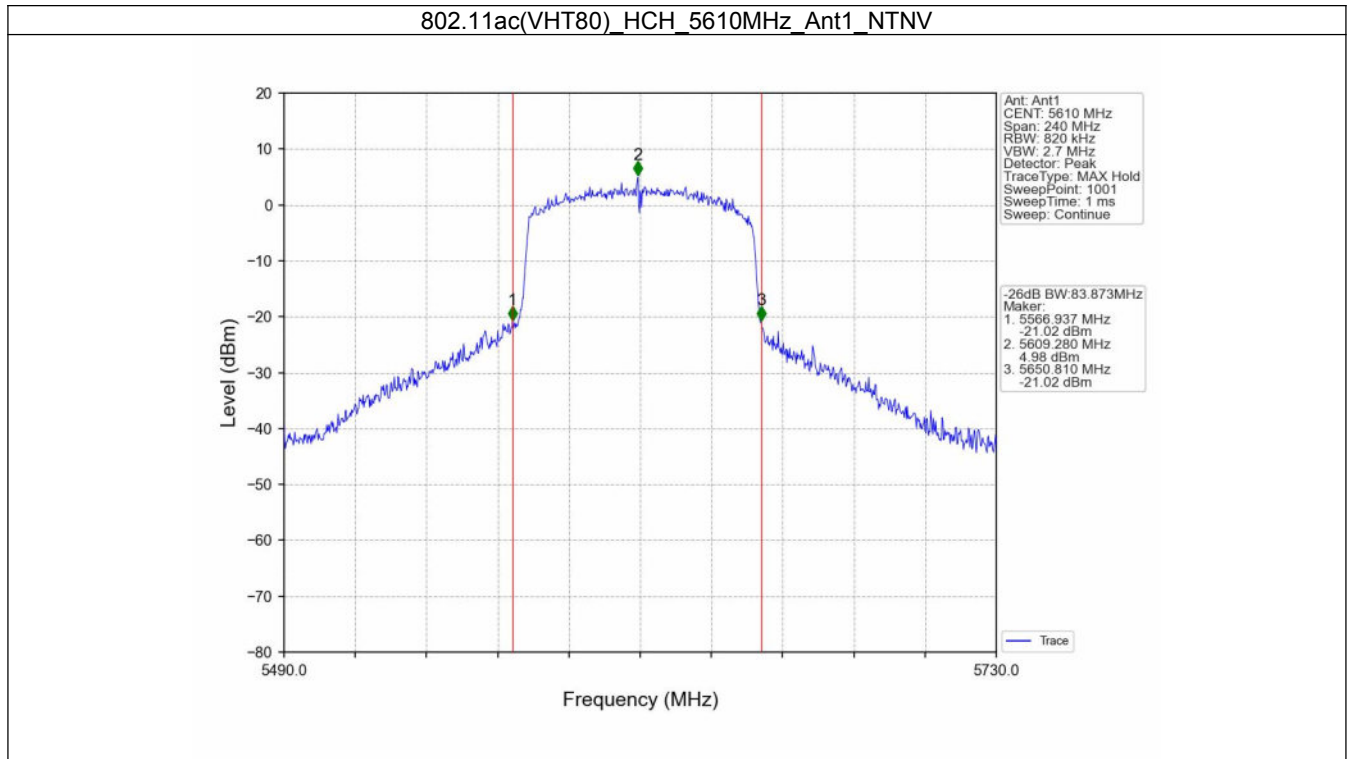


802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV

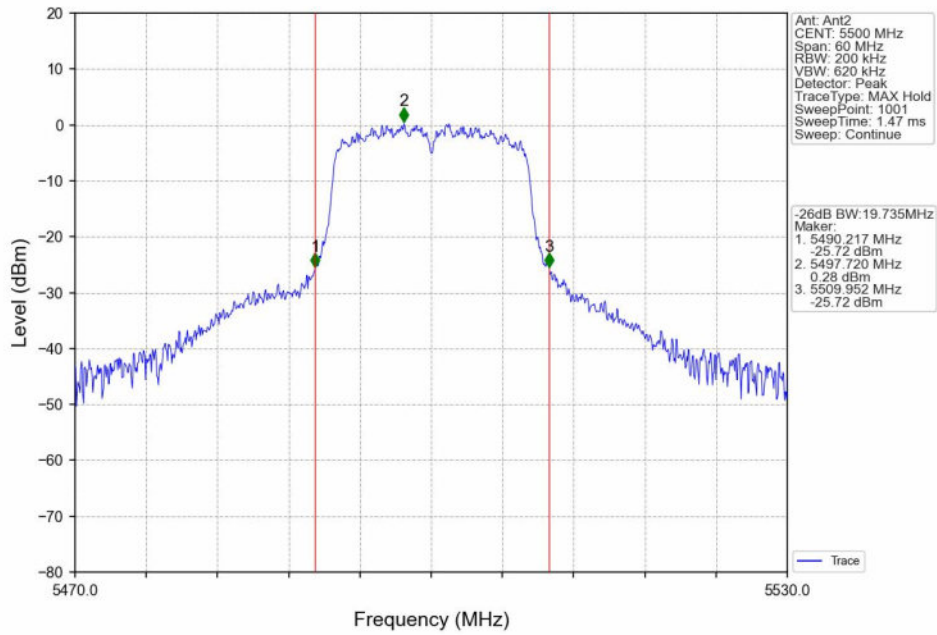


802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

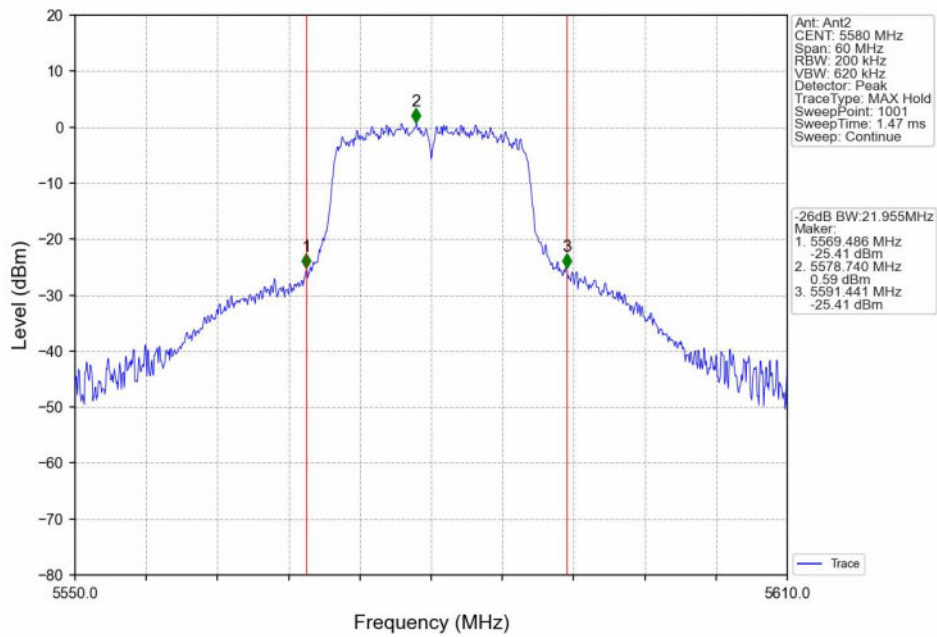




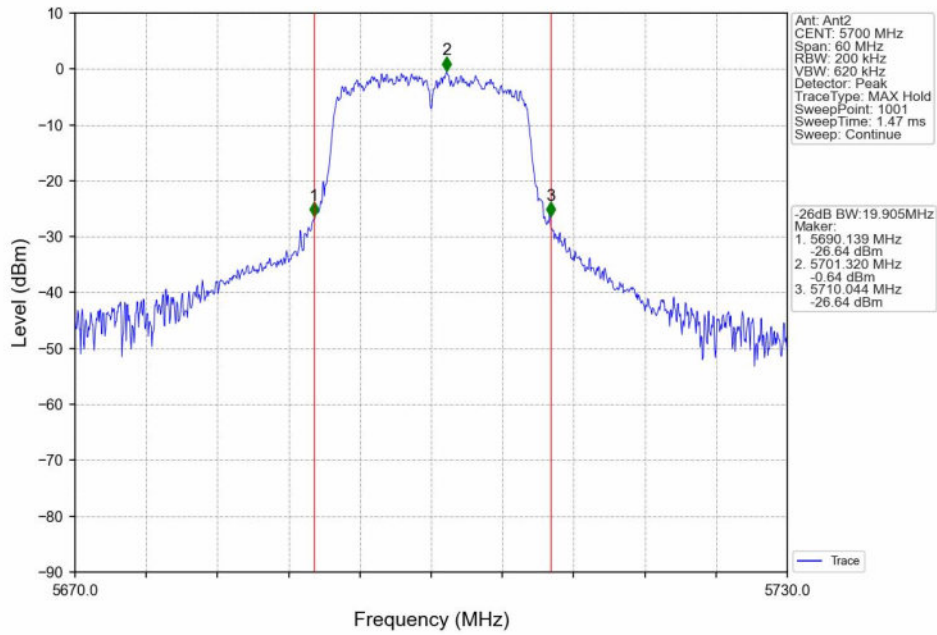
802.11a_LCH_5500MHz_Ant2_NTNV



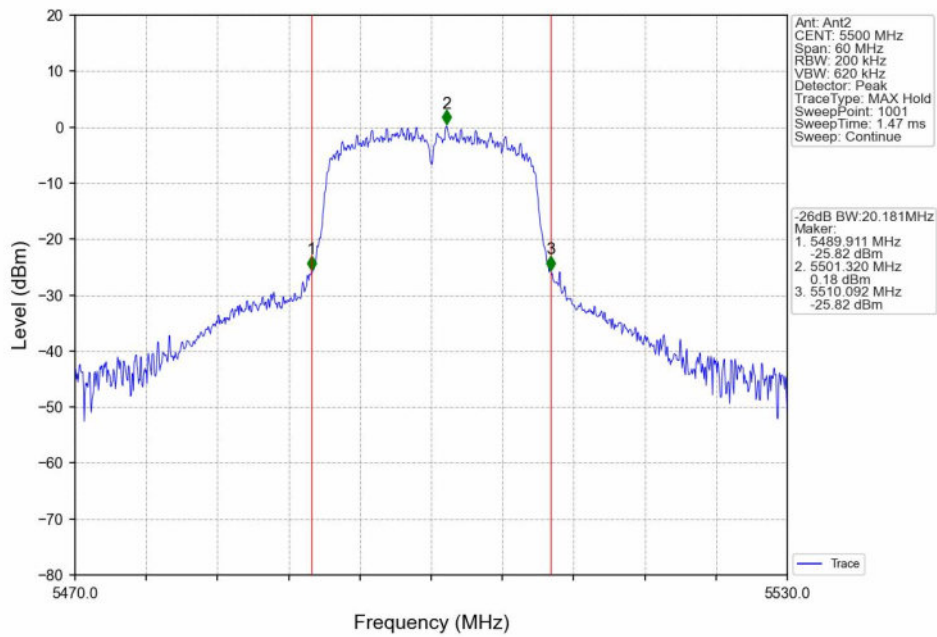
802.11a_MCH_5580MHz_Ant2_NTNV



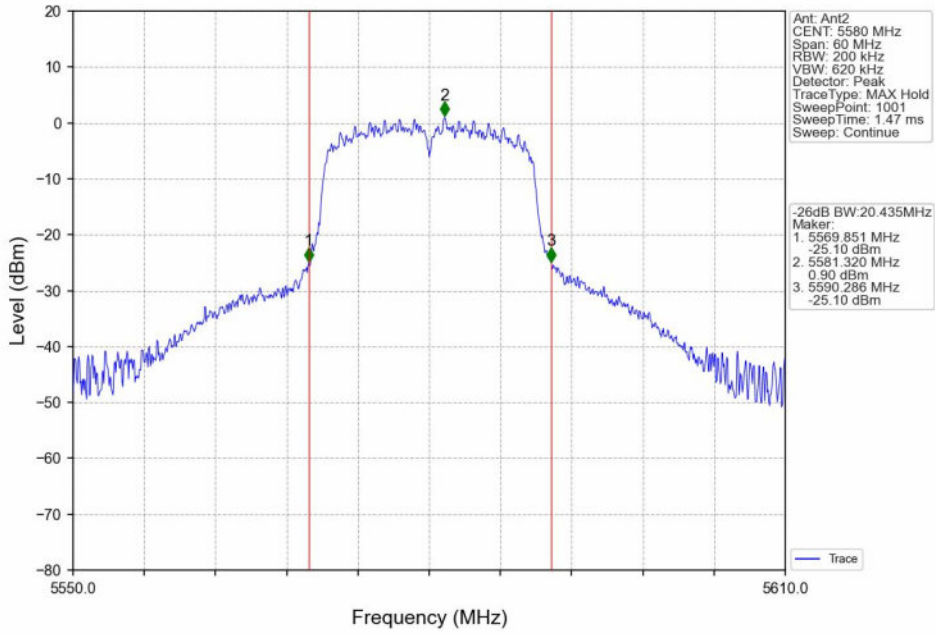
802.11a_HCH_5700MHz_Ant2_NTNV



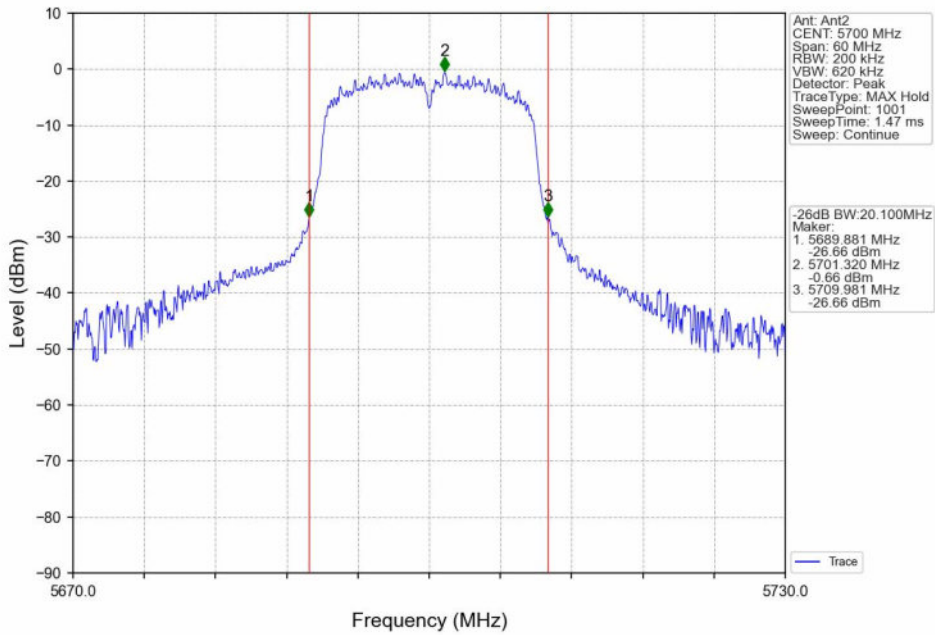
802.11n(HT20)_LCH_5500MHz_Ant2_NTNV



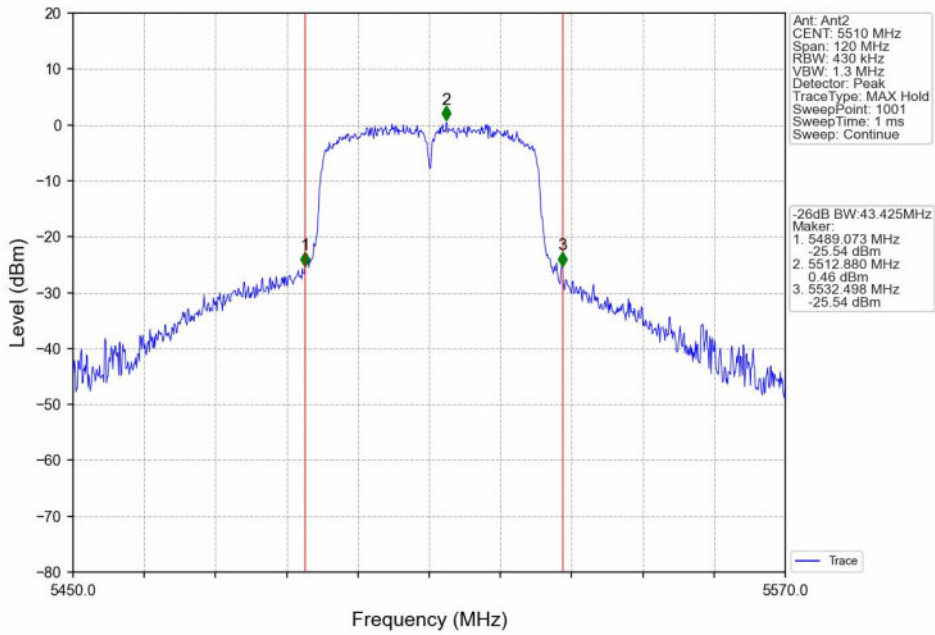
802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



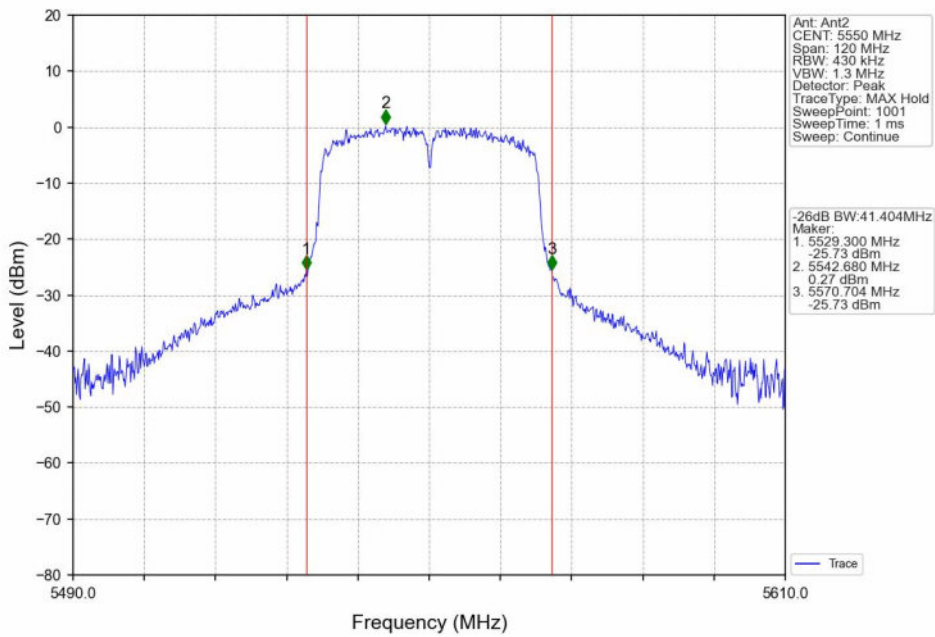
802.11n(HT20)_HCH_5700MHz_Ant2_NTNV



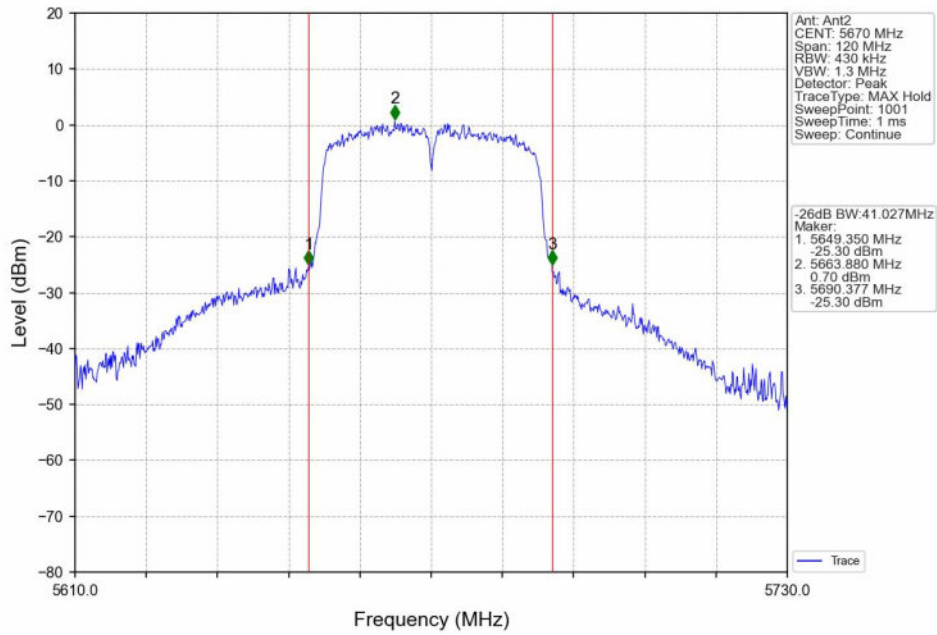
802.11n(HT40) LCH_5510MHz_Ant2_NTNV



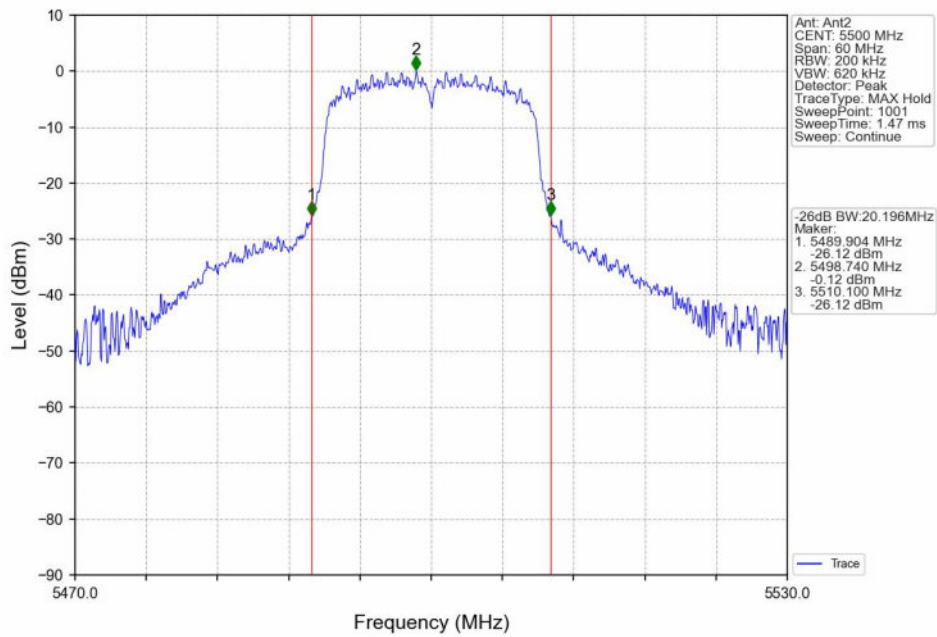
802.11n(HT40) MCH_5550MHz_Ant2_NTNV



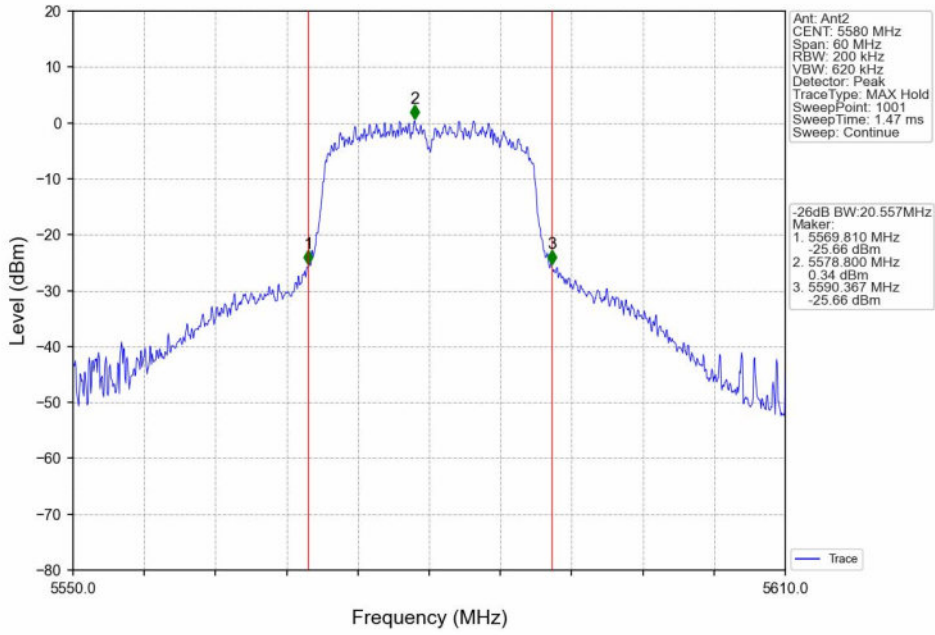
802.11n(HT40)_HCH_5670MHz_Ant2_NTNV



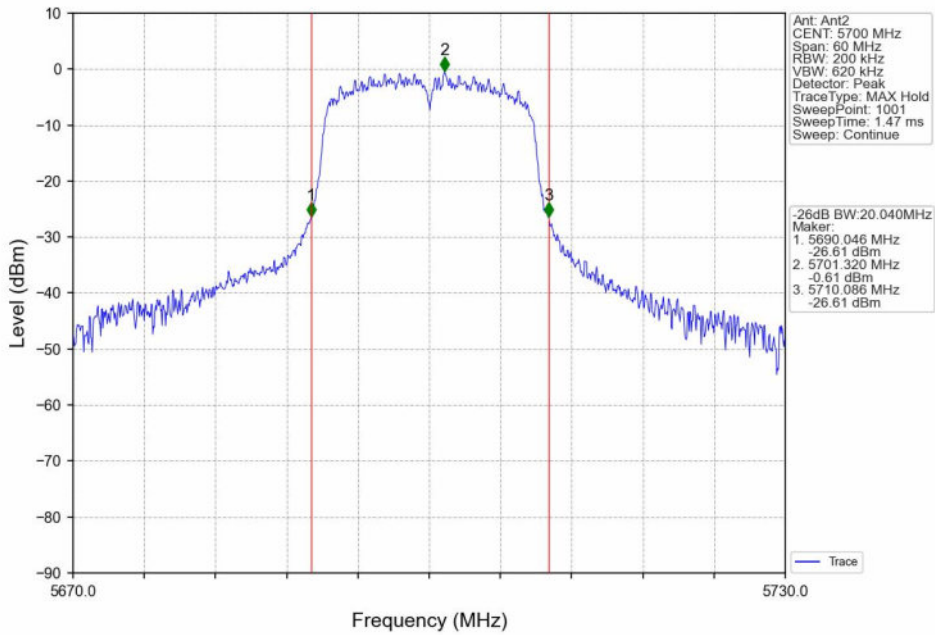
802.11ac(VHT20)_LCH_5500MHz_Ant2_NTNV



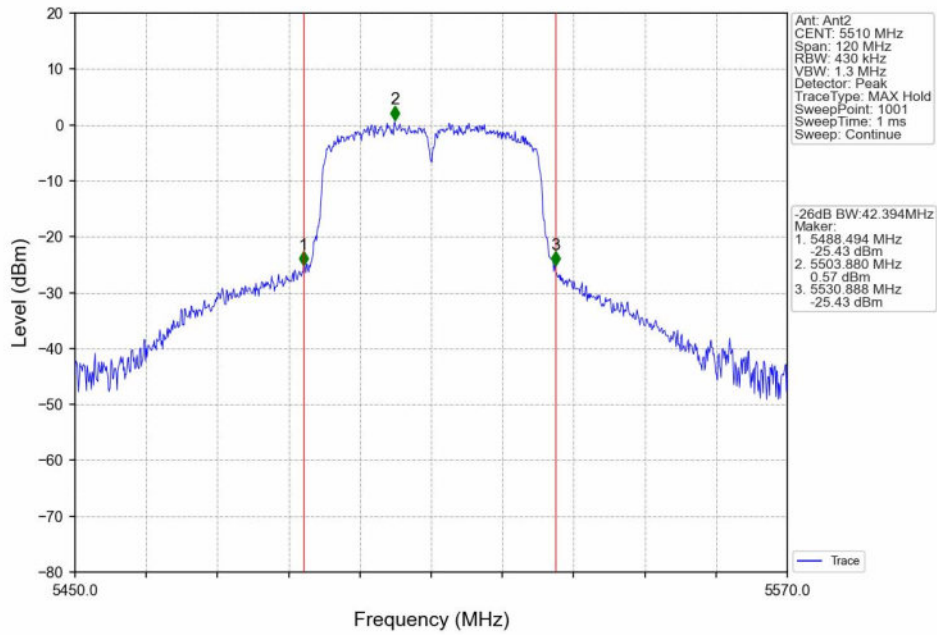
802.11ac(VHT20)_MCH_5580MHz_Ant2_NTNV



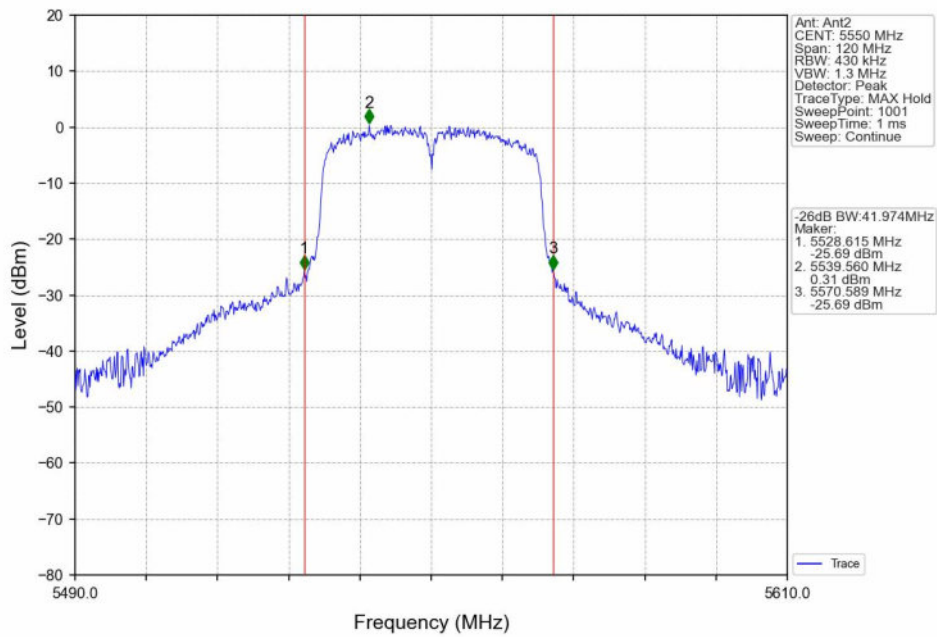
802.11ac(VHT20)_HCH_5700MHz_Ant2_NTNV



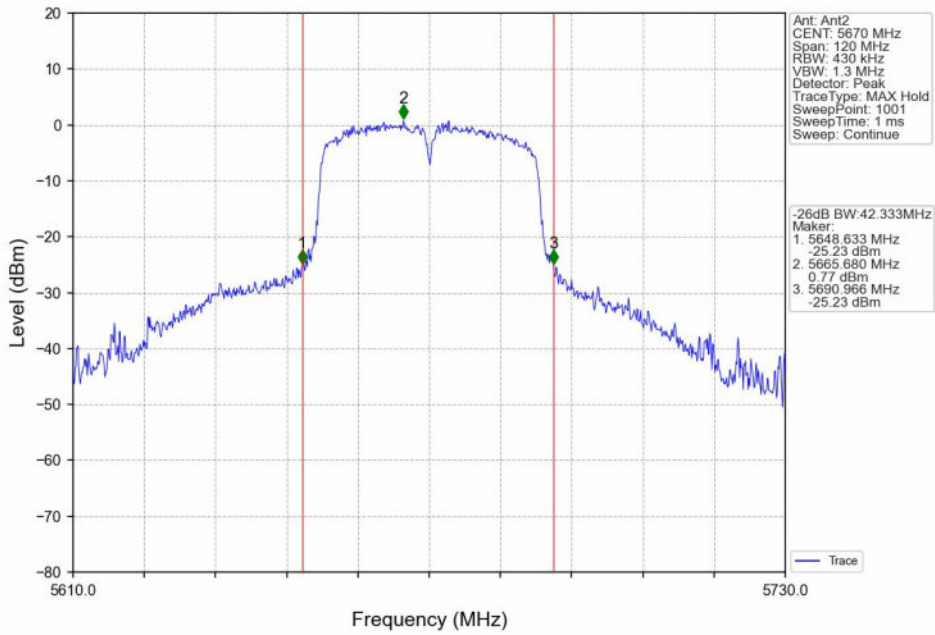
802.11ac(VHT40)_LCH_5510MHz_Ant2_NTNV



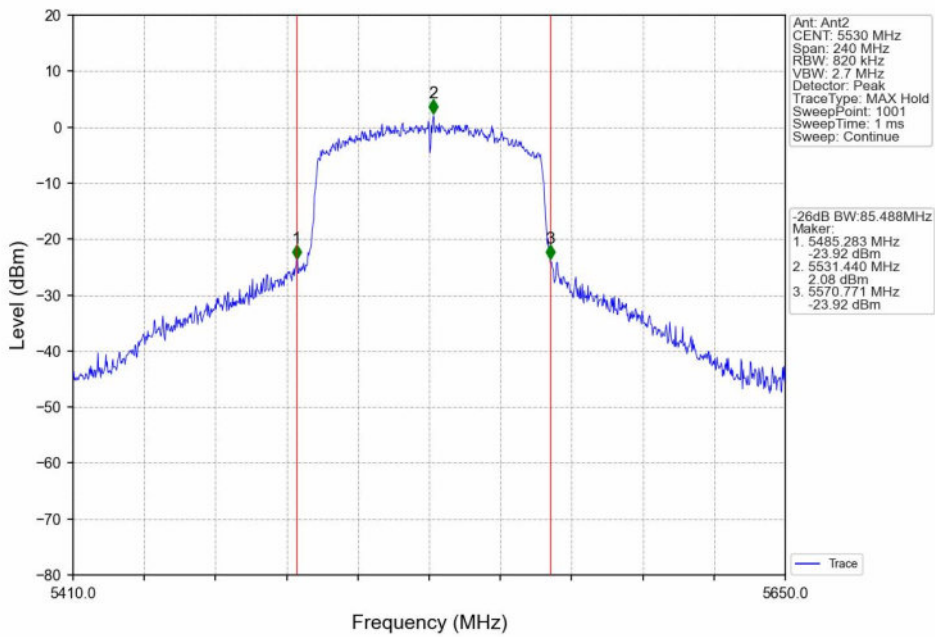
802.11ac(VHT40)_MCH_5550MHz_Ant2_NTNV



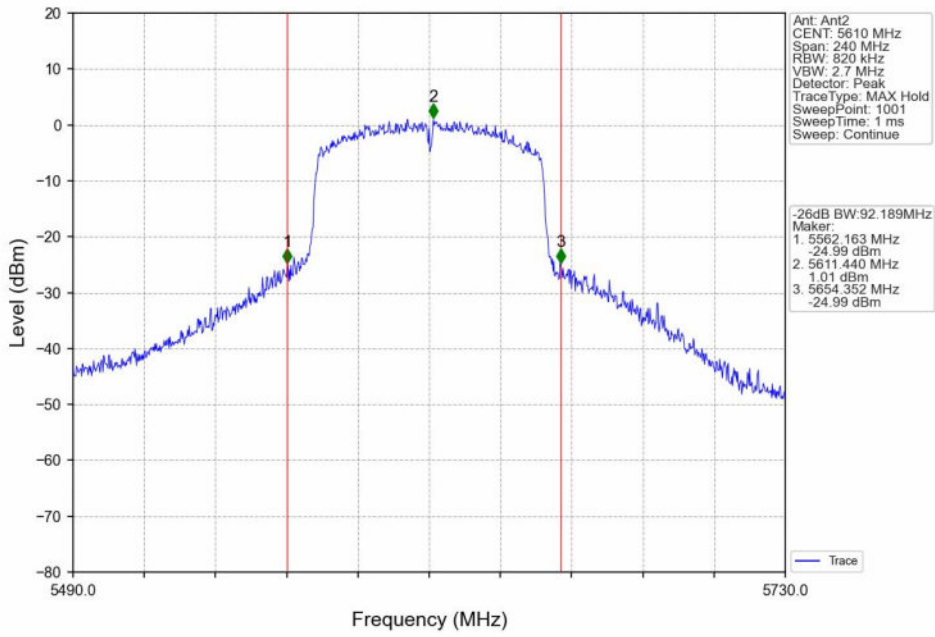
802.11ac(VHT40) HCH_5670MHz_Ant2_NTNV



802.11ac(VHT80) LCH_5530MHz_Ant2_NTNV



802.11ac(VHT80) HCH_5610MHz_Ant2_NTNV



2. Maximum Conducted Output Power

2.1 Power

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)			Verdict
			ANT1	ANT2	Limit	
802.11a	SISO	5500	12.69	13.09	<=23.95	Pass
		5580	13.03	13.18	<=23.98	Pass
		5700	11.77	12.37	<=23.97	Pass
802.11n (HT20)	SISO	5500	12.35	12.73	<=23.98	Pass
		5580	12.62	12.88	<=23.98	Pass
		5700	11.72	12.06	<=23.98	Pass
802.11n (HT40)	SISO	5510	12.73	12.94	<=23.98	Pass
		5550	12.24	12.68	<=23.98	Pass
		5670	12.50	12.91	<=23.98	Pass
802.11ac (VHT20)	SISO	5500	12.34	12.74	<=23.98	Pass
		5580	12.67	12.91	<=23.98	Pass
		5700	11.64	12.02	<=23.98	Pass
802.11ac (VHT40)	SISO	5510	12.72	13.04	<=23.98	Pass
		5550	12.20	12.83	<=23.98	Pass
		5670	12.62	12.92	<=23.98	Pass
802.11ac (VHT80)	SISO	5530	12.50	12.86	<=23.98	Pass
		5610	12.60	13.16	<=23.98	Pass

Note1: Antenna Gain: Ant1: 4.56dBi; Ant2: 0.37dBi;

2.1.2 Test Graph

