

1. Bandwidth

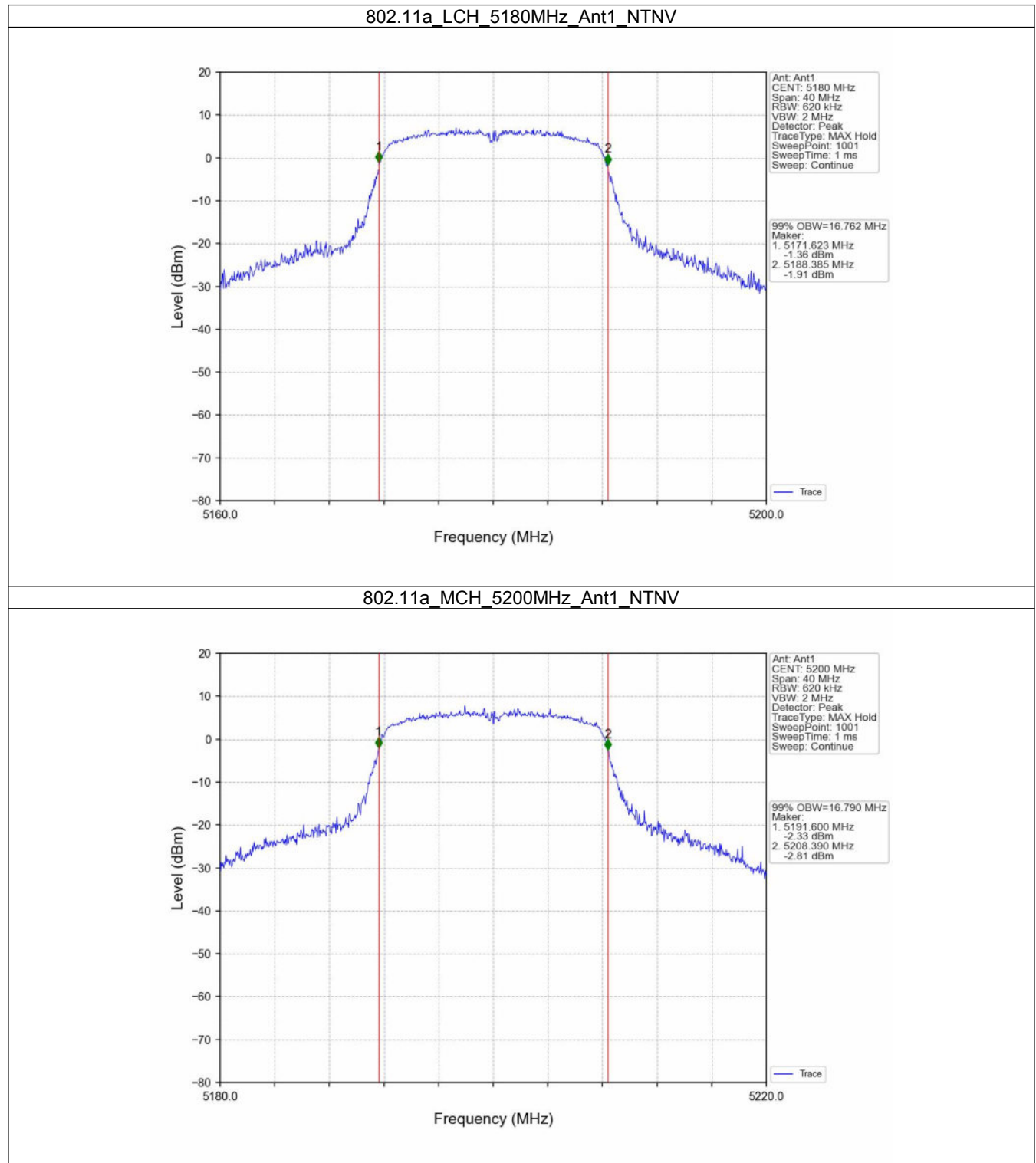
1.1 OBW

1.1.1 Test Result

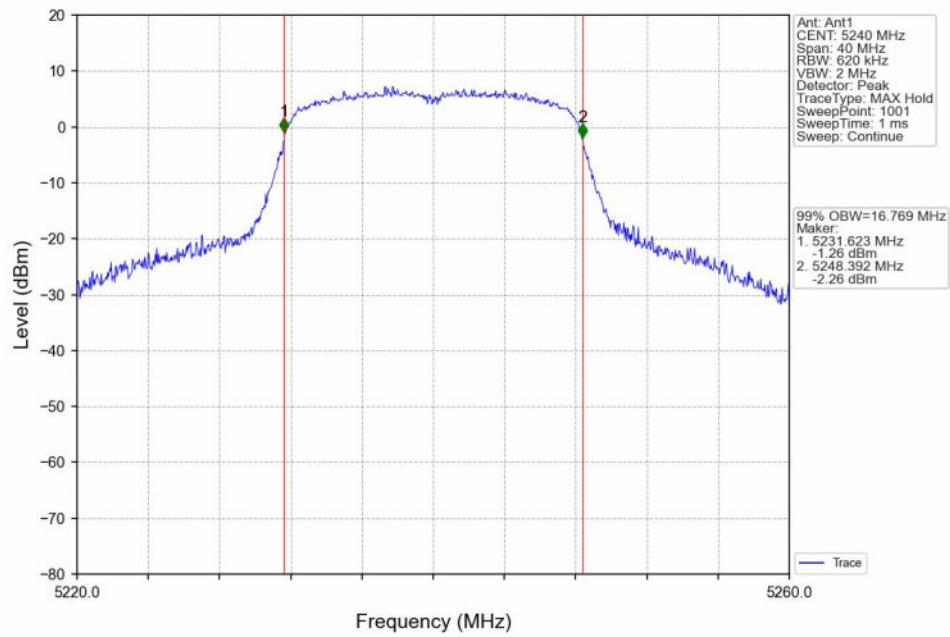
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	16.762	Pass
		5200	1	16.790	Pass
		5240	1	16.769	Pass
802.11n (HT20)	SISO	5180	1	17.662	Pass
		5200	1	17.692	Pass
		5240	1	17.619	Pass
802.11n (HT40)	SISO	5190	1	36.362	Pass
		5230	1	36.283	Pass
802.11ac (VHT20)	SISO	5180	1	17.682	Pass
		5200	1	17.627	Pass
		5240	1	17.635	Pass
802.11ac (VHT40)	SISO	5190	1	36.306	Pass
		5230	1	36.374	Pass
802.11ac (VHT80)	SISO	5210	1	75.512	Pass

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	2	16.790	Pass
		5200	2	16.832	Pass
		5240	2	16.828	Pass
802.11n (HT20)	SISO	5180	2	17.668	Pass
		5200	2	17.685	Pass
		5240	2	17.715	Pass
802.11n (HT40)	SISO	5190	2	36.370	Pass
		5230	2	36.331	Pass
802.11ac (VHT20)	SISO	5180	2	17.669	Pass
		5200	2	17.707	Pass
		5240	2	17.730	Pass
802.11ac (VHT40)	SISO	5190	2	36.308	Pass
		5230	2	36.246	Pass
802.11ac (VHT80)	SISO	5210	2	75.361	Pass

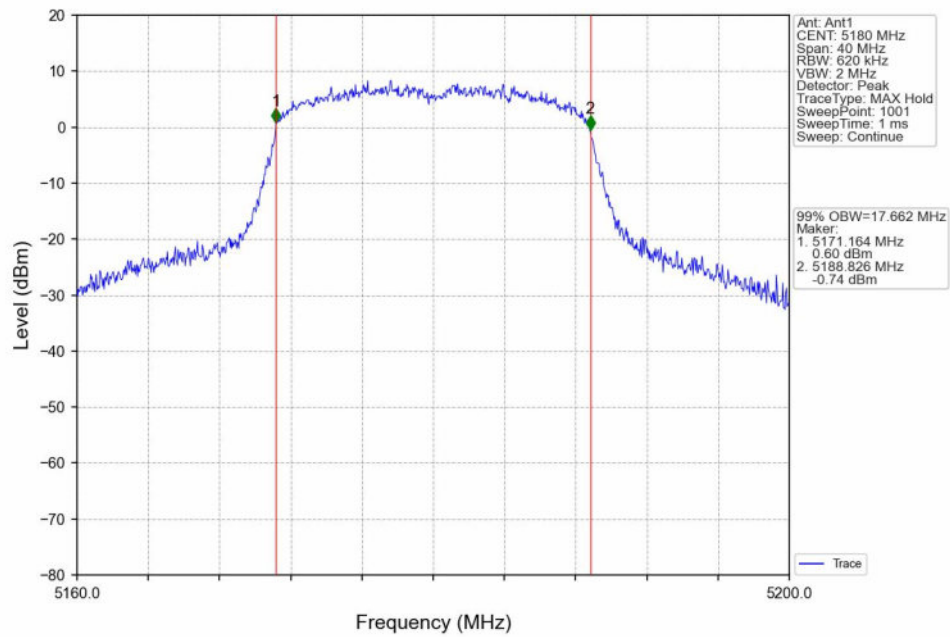
1.1.2 Test Graph



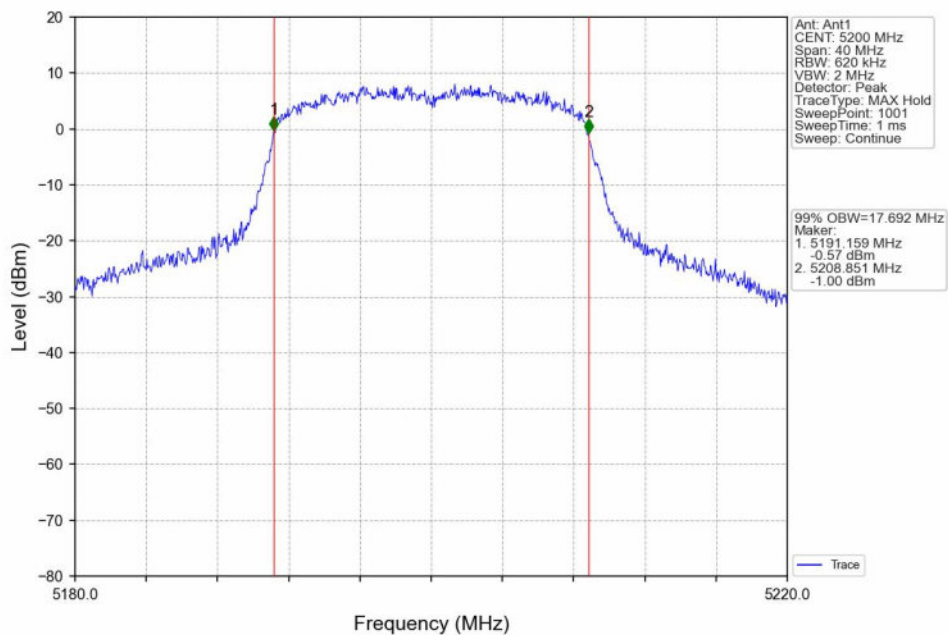
802.11a_HCH_5240MHz_Ant1_NTNV



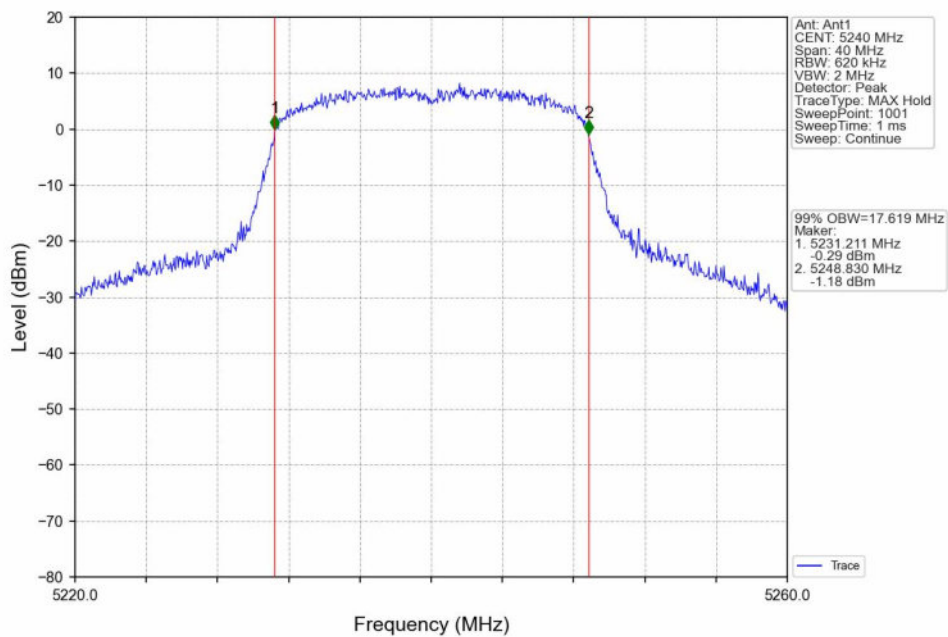
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



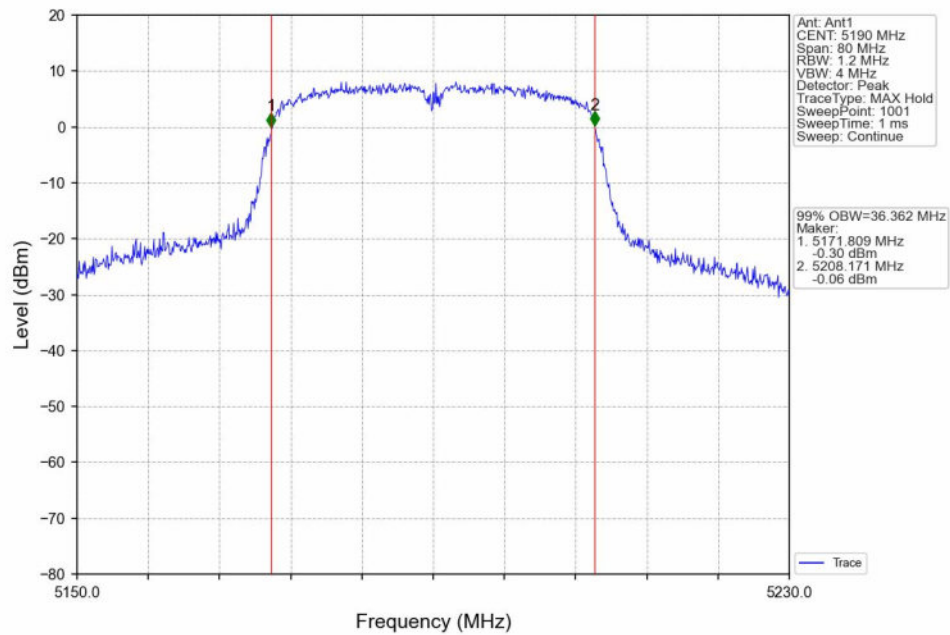
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



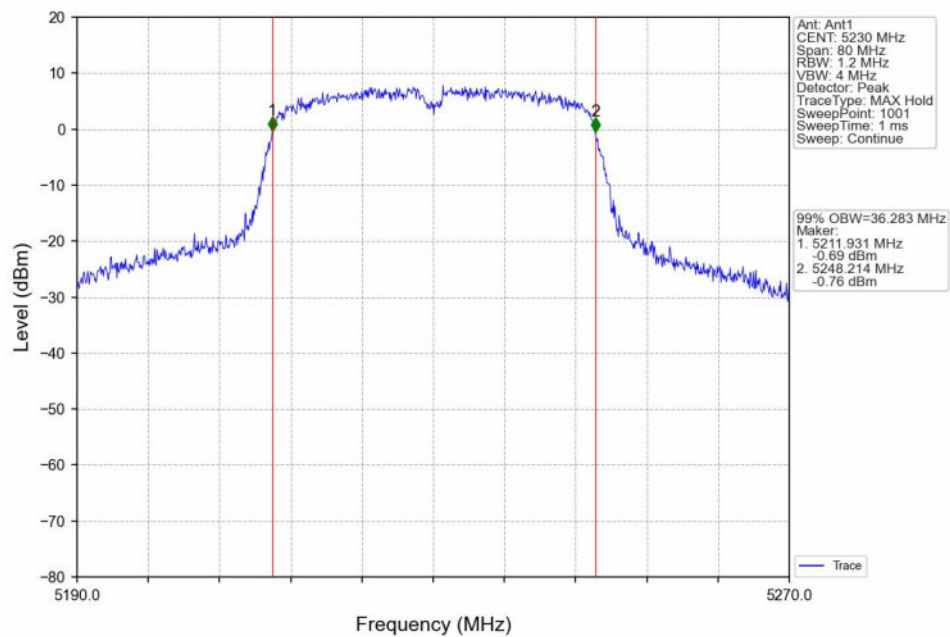
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



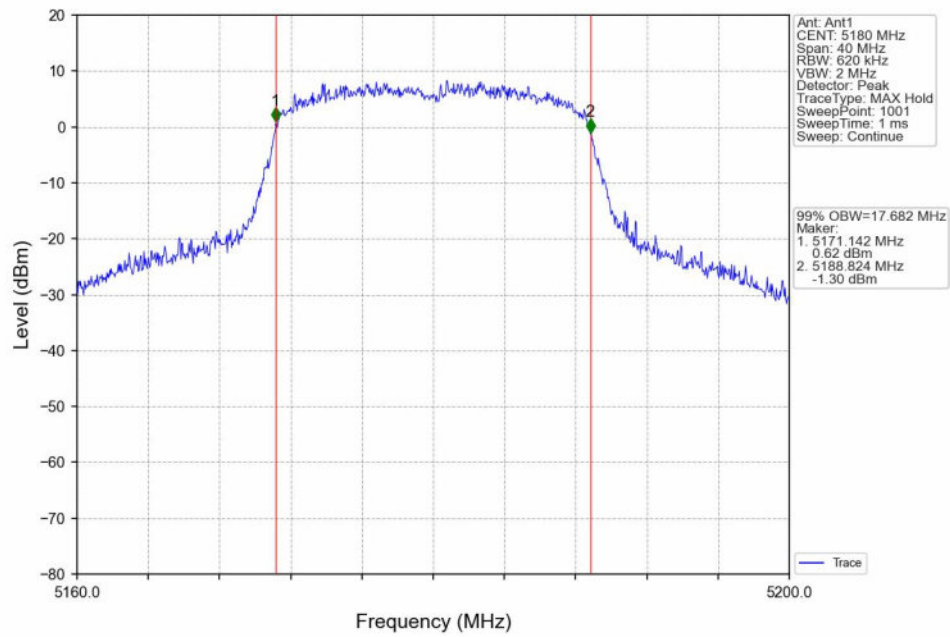
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



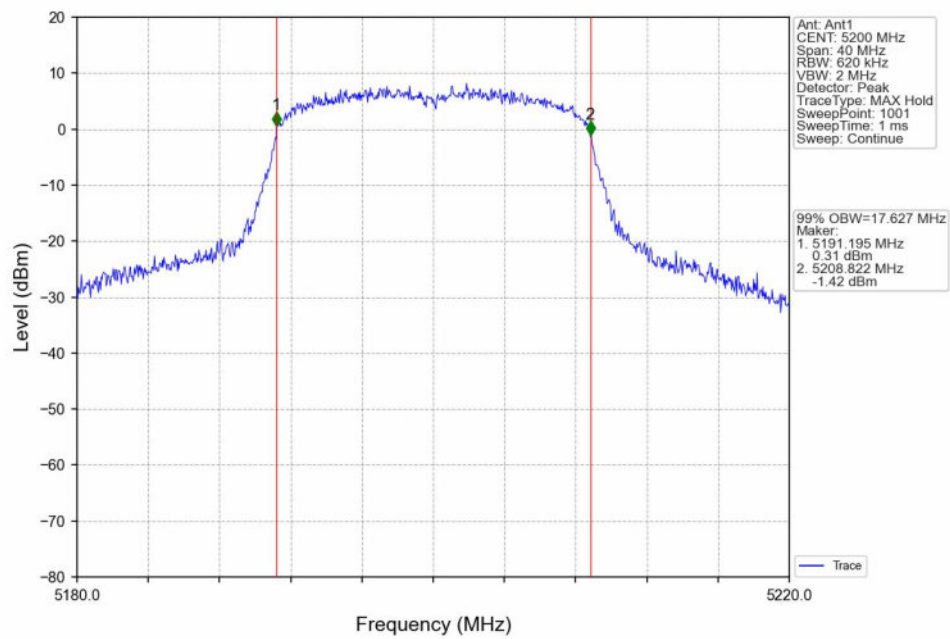
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



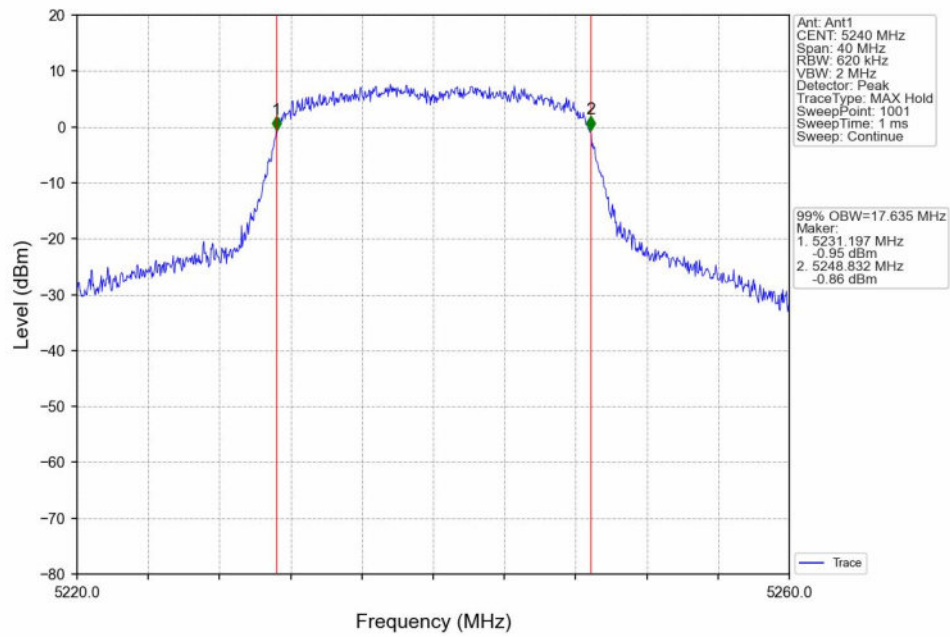
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



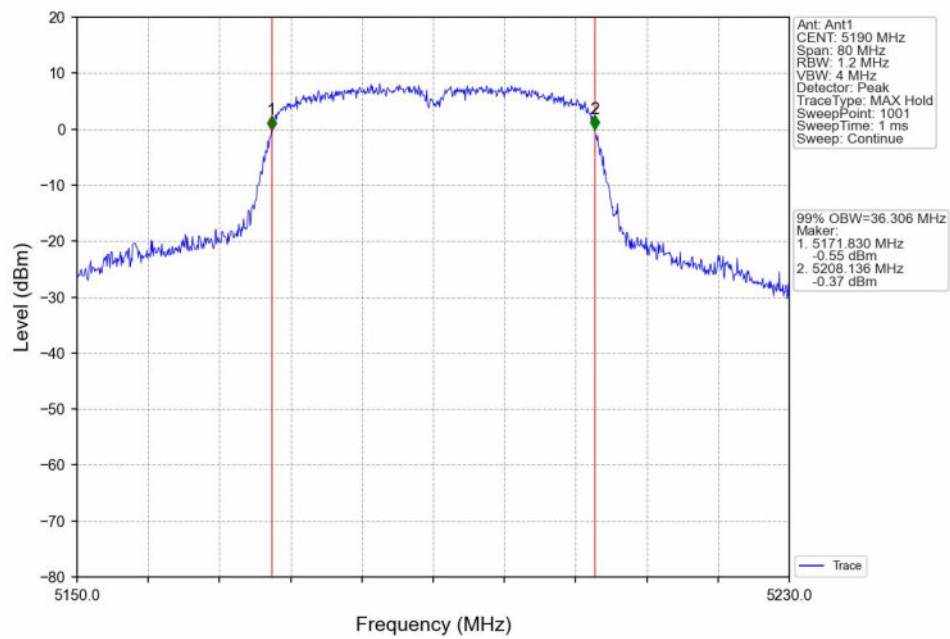
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



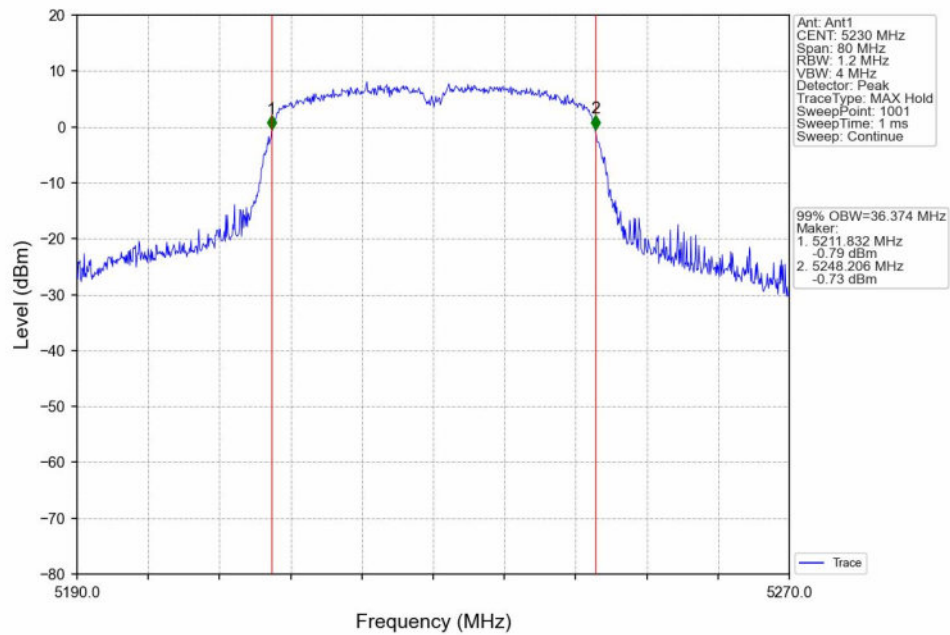
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



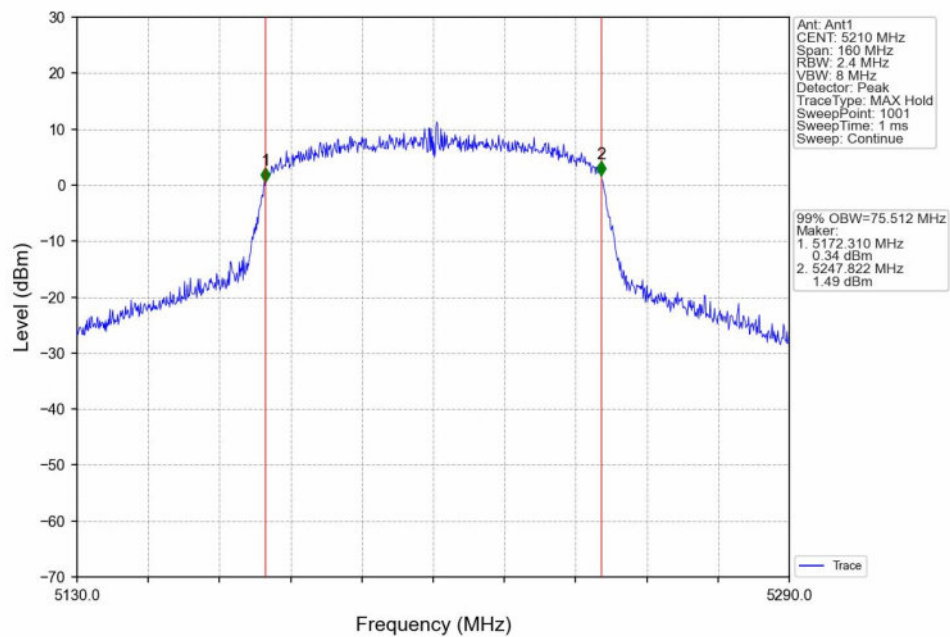
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



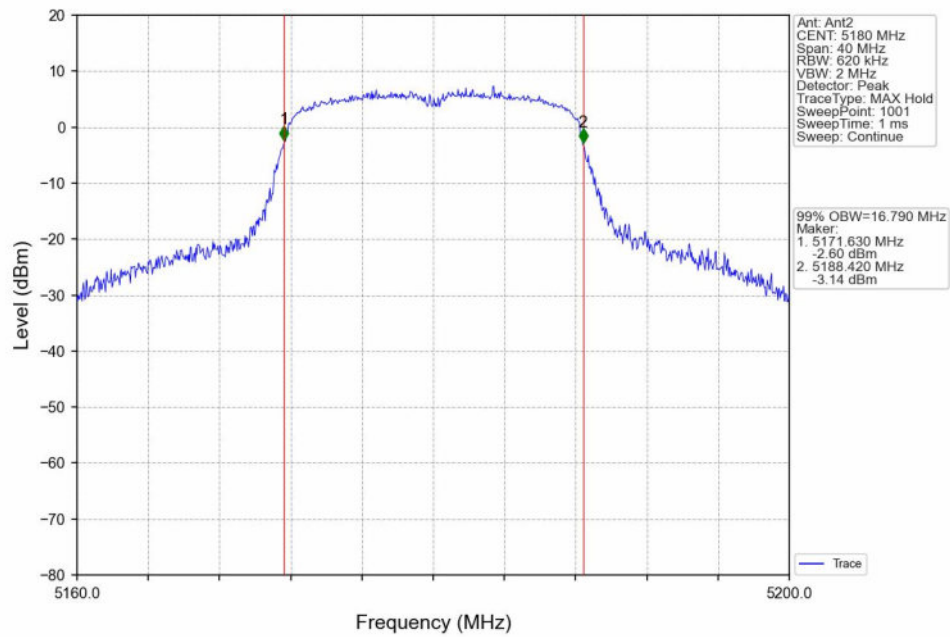
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



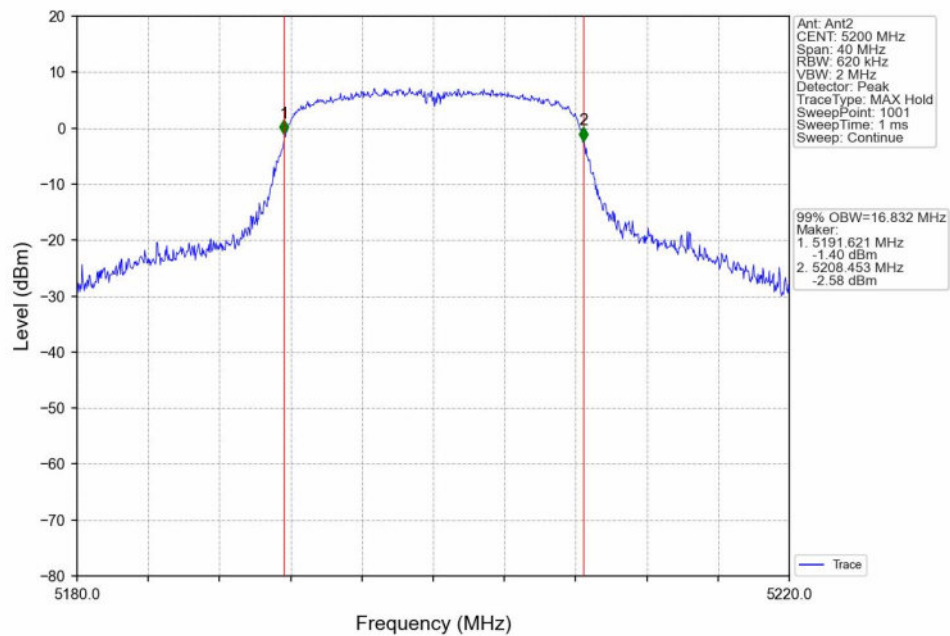
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



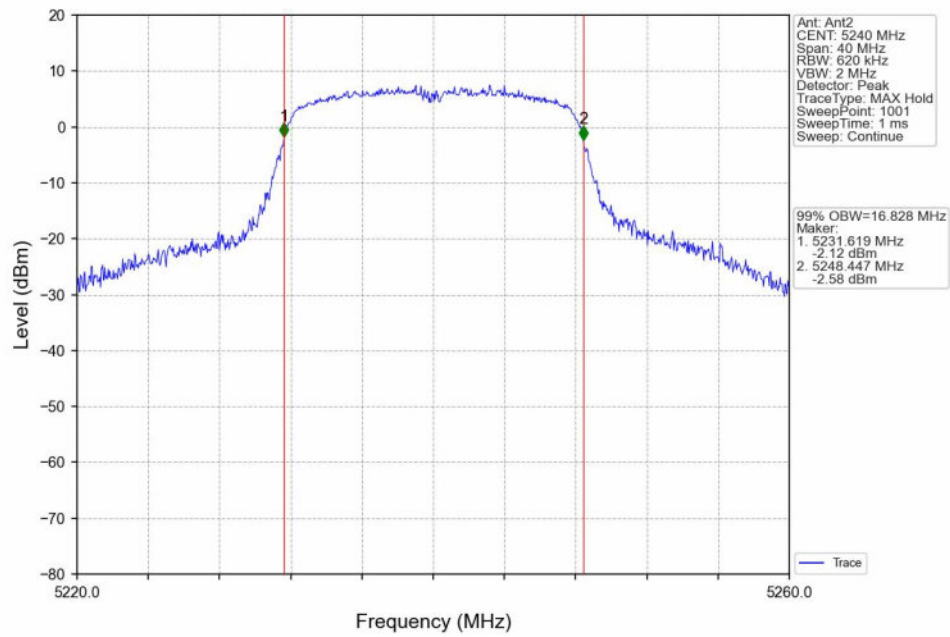
802.11a_LCH_5180MHz_Ant2_NTNV



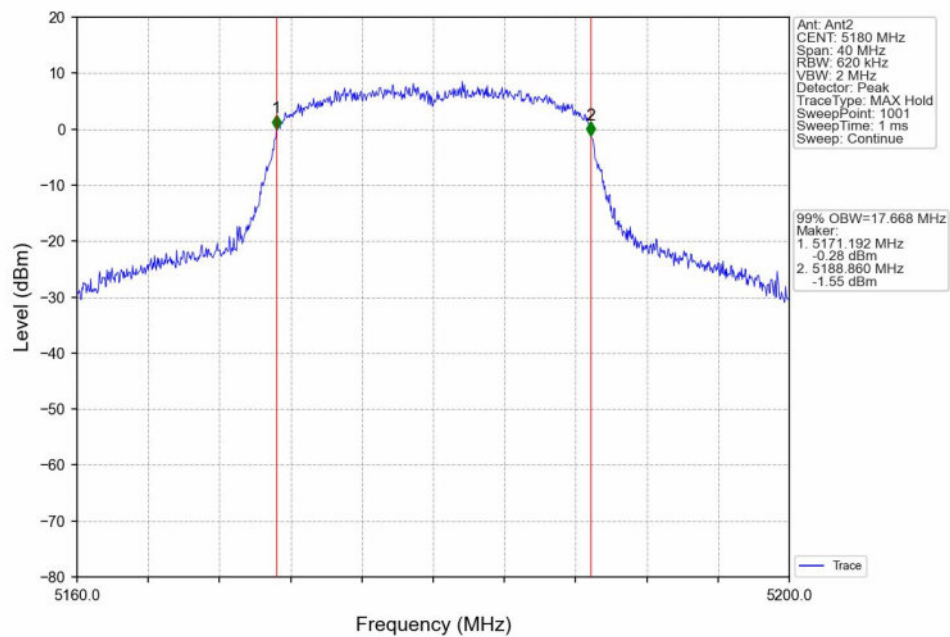
802.11a_MCH_5200MHz_Ant2_NTNV



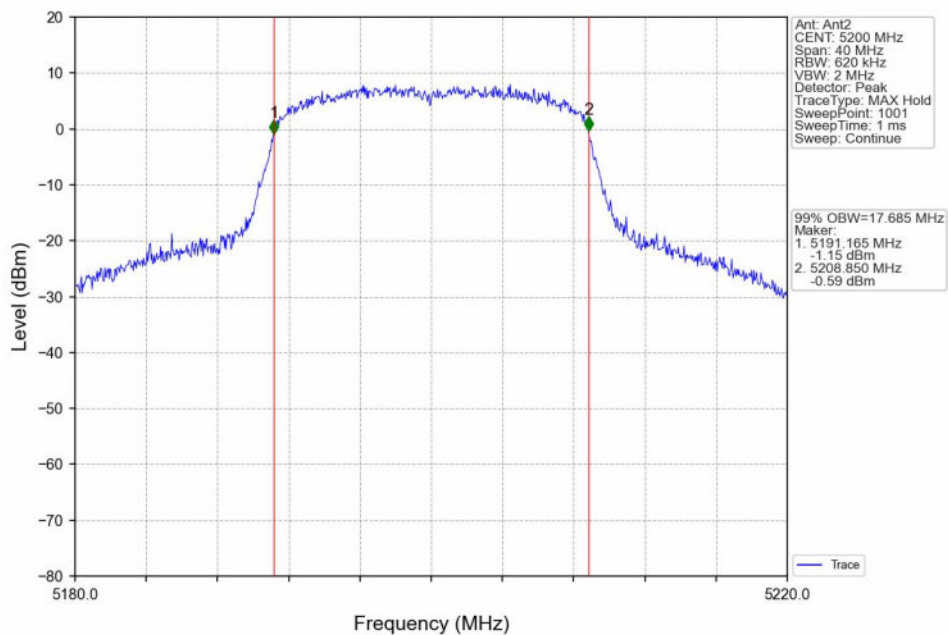
802.11a_HCH_5240MHz_Ant2_NTNV



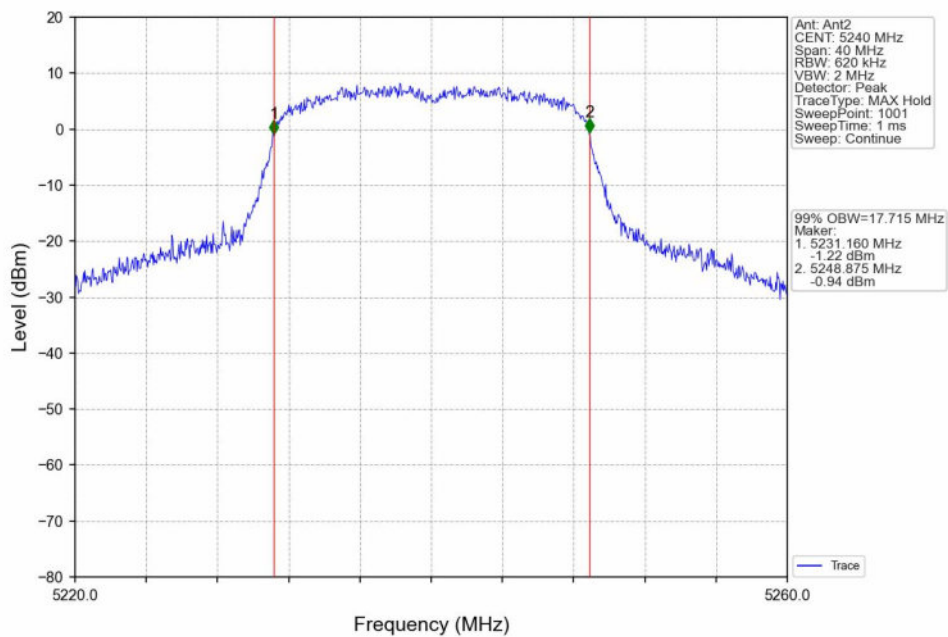
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



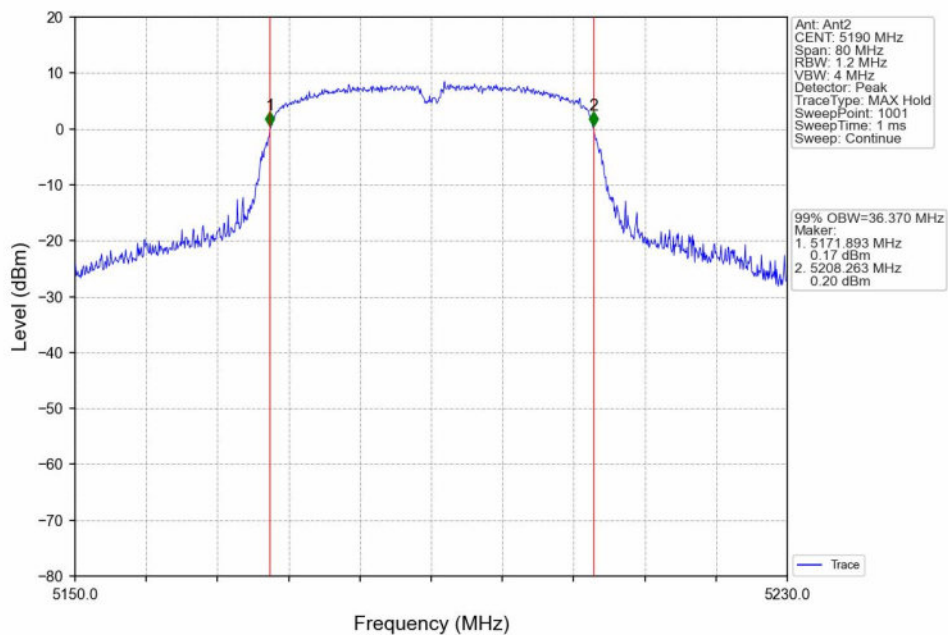
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



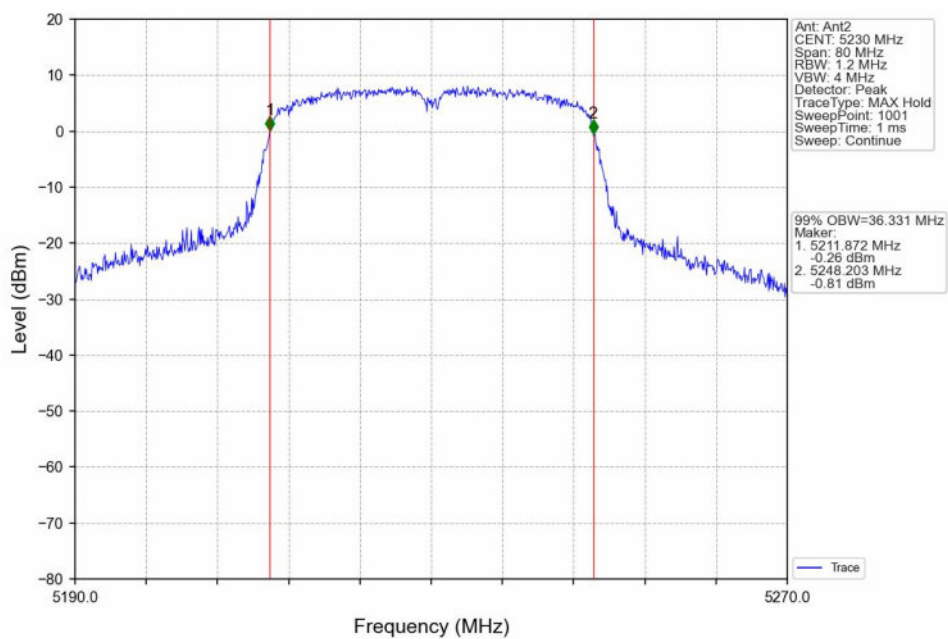
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



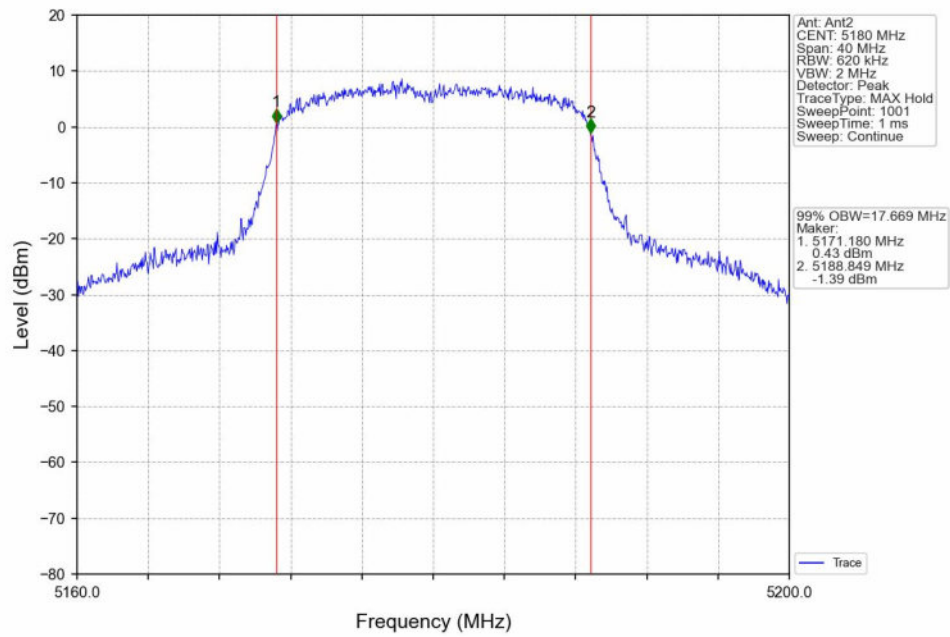
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



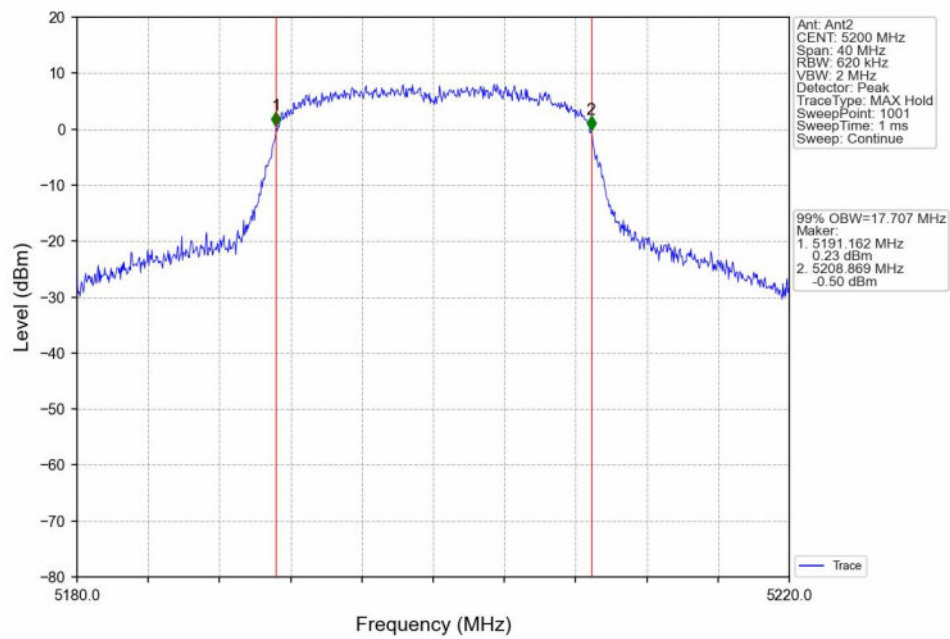
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



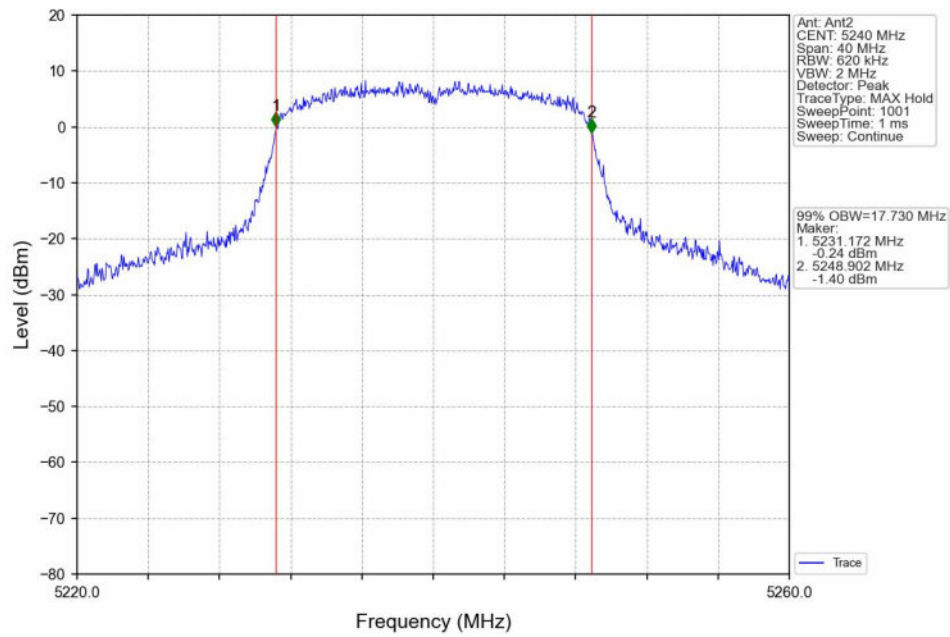
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



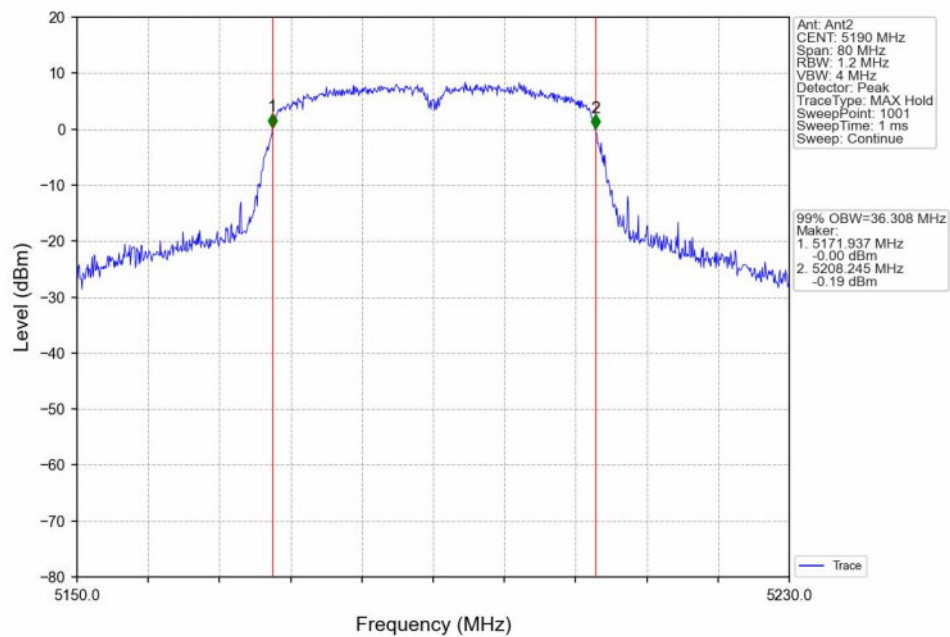
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



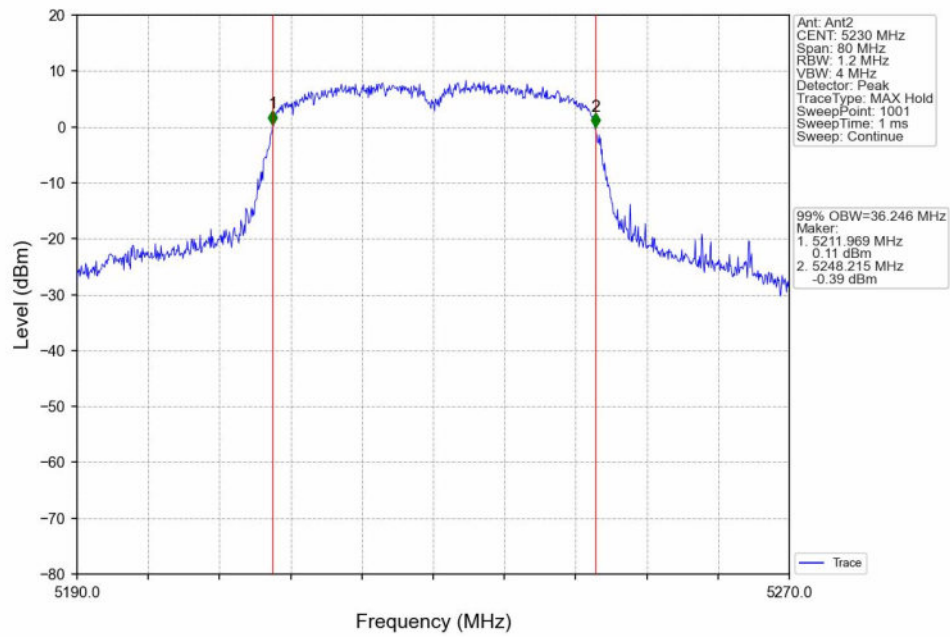
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



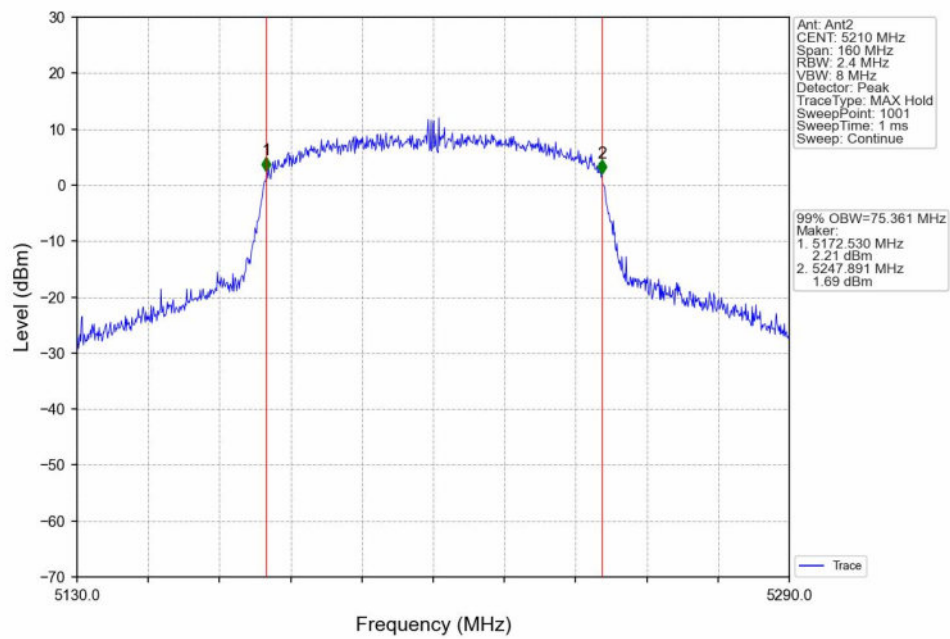
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



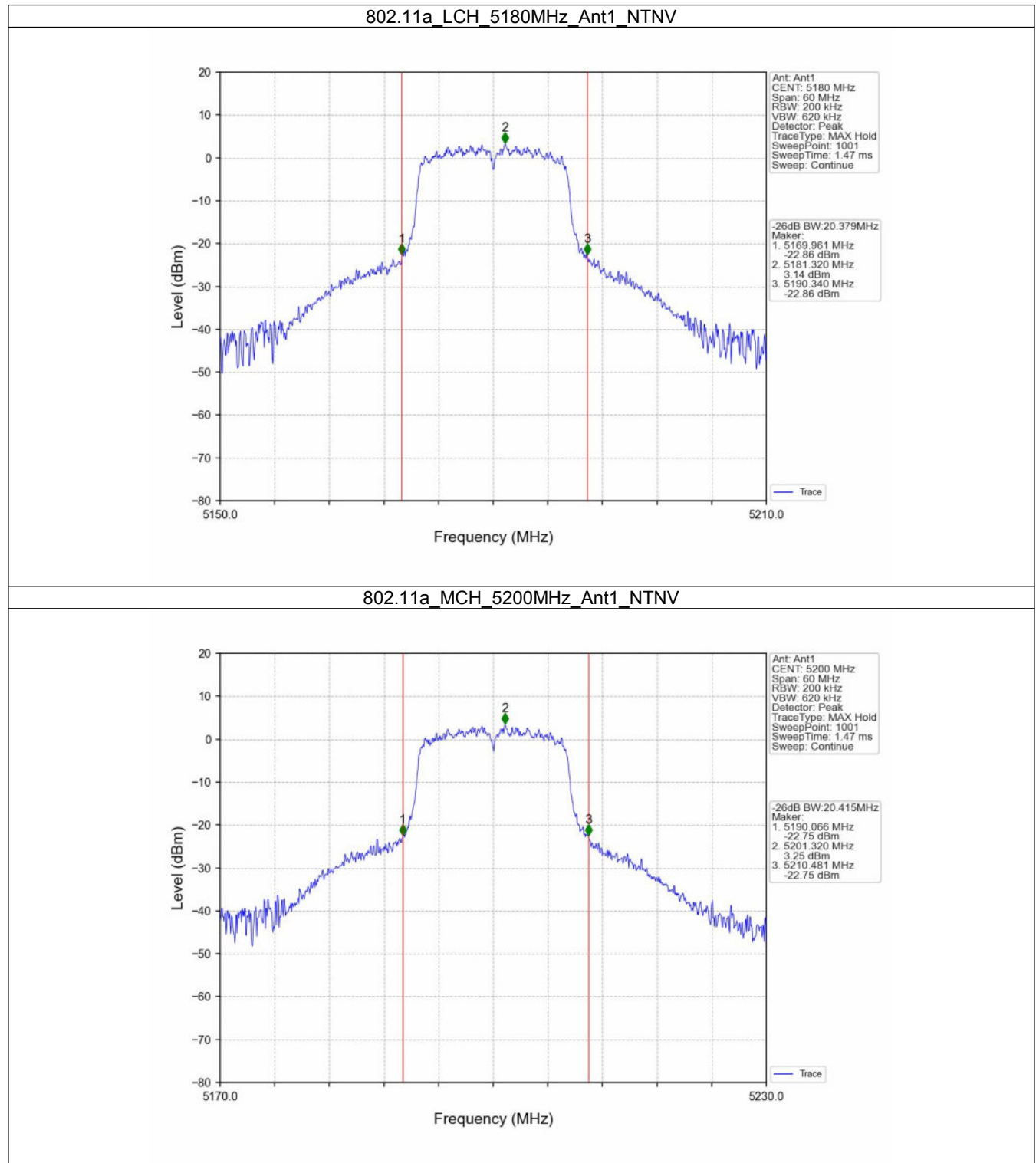
1.2 26dB BW

1.2.1 Test Result

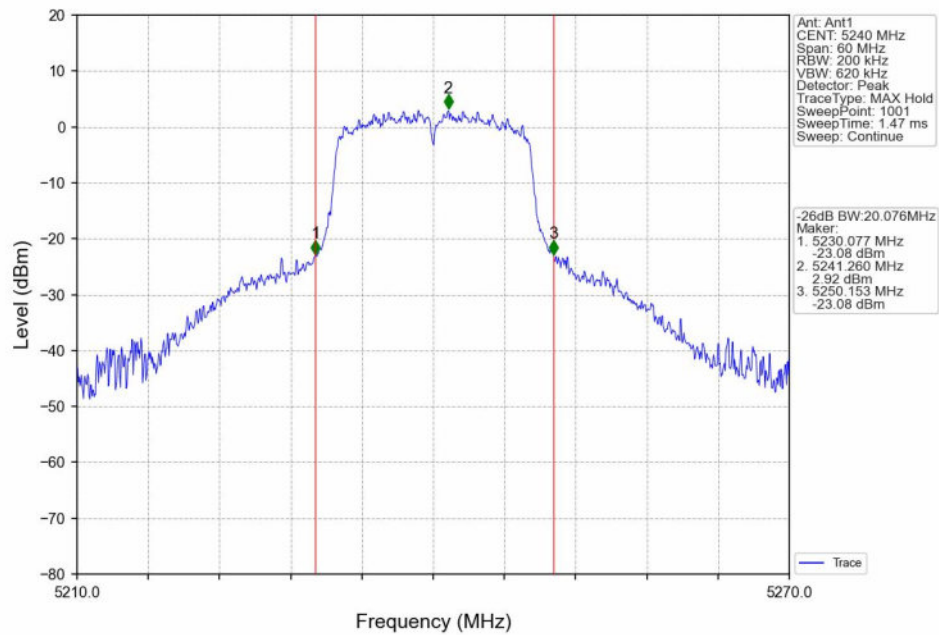
Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	20.379	Pass
		5200	1	20.415	Pass
		5240	1	20.076	Pass
802.11n (HT20)	SISO	5180	1	20.413	Pass
		5200	1	20.702	Pass
		5240	1	20.354	Pass
802.11n (HT40)	SISO	5190	1	42.518	Pass
		5230	1	45.648	Pass
802.11ac (VHT20)	SISO	5180	1	20.764	Pass
		5200	1	20.749	Pass
		5240	1	20.528	Pass
802.11ac (VHT40)	SISO	5190	1	41.520	Pass
		5230	1	43.918	Pass
802.11ac (VHT80)	SISO	5210	1	86.456	Pass

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	2	20.142	Pass
		5200	2	20.847	Pass
		5240	2	21.113	Pass
802.11n (HT20)	SISO	5180	2	21.136	Pass
		5200	2	21.359	Pass
		5240	2	21.564	Pass
802.11n (HT40)	SISO	5190	2	44.924	Pass
		5230	2	42.288	Pass
802.11ac (VHT20)	SISO	5180	2	20.876	Pass
		5200	2	21.120	Pass
		5240	2	21.991	Pass
802.11ac (VHT40)	SISO	5190	2	42.948	Pass
		5230	2	42.532	Pass
802.11ac (VHT80)	SISO	5210	2	81.083	Pass

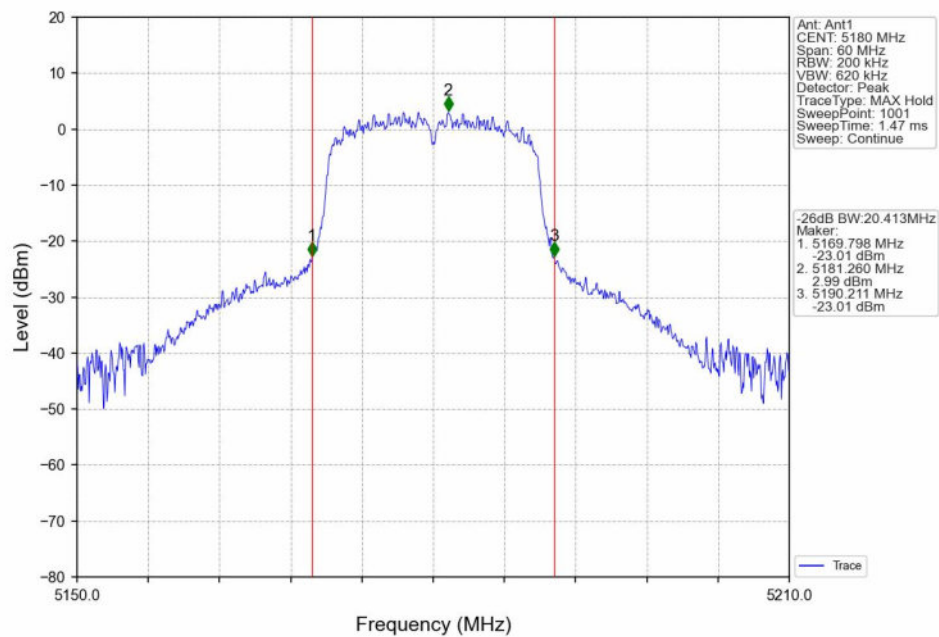
1.2.2 Test Graph



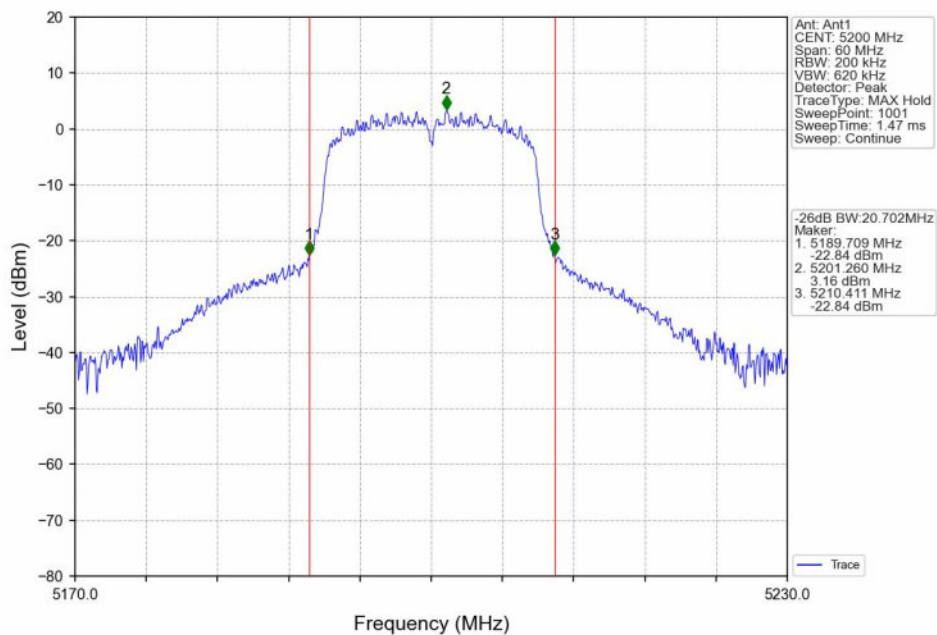
802.11a_HCH_5240MHz_Ant1_NTNV



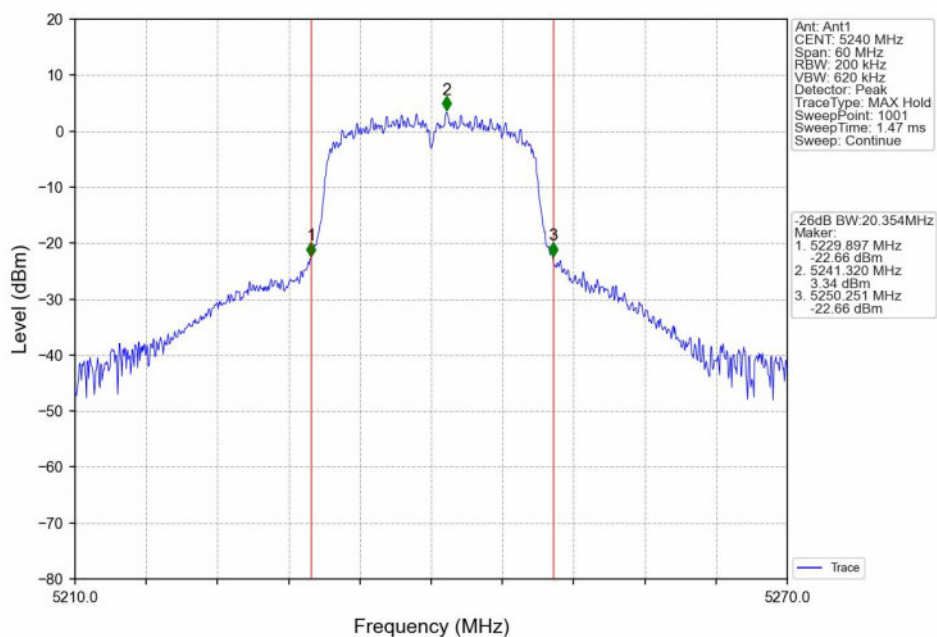
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



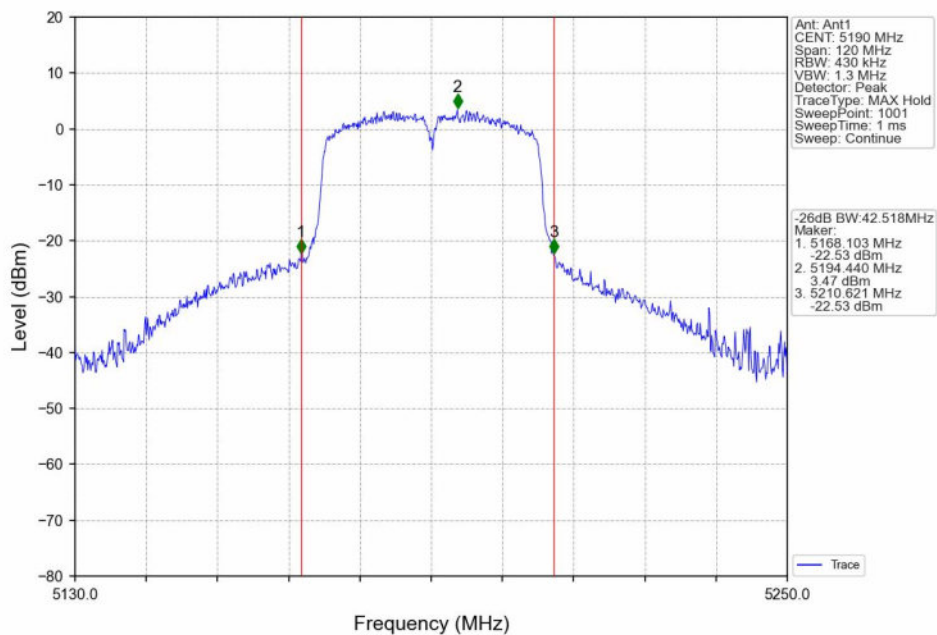
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



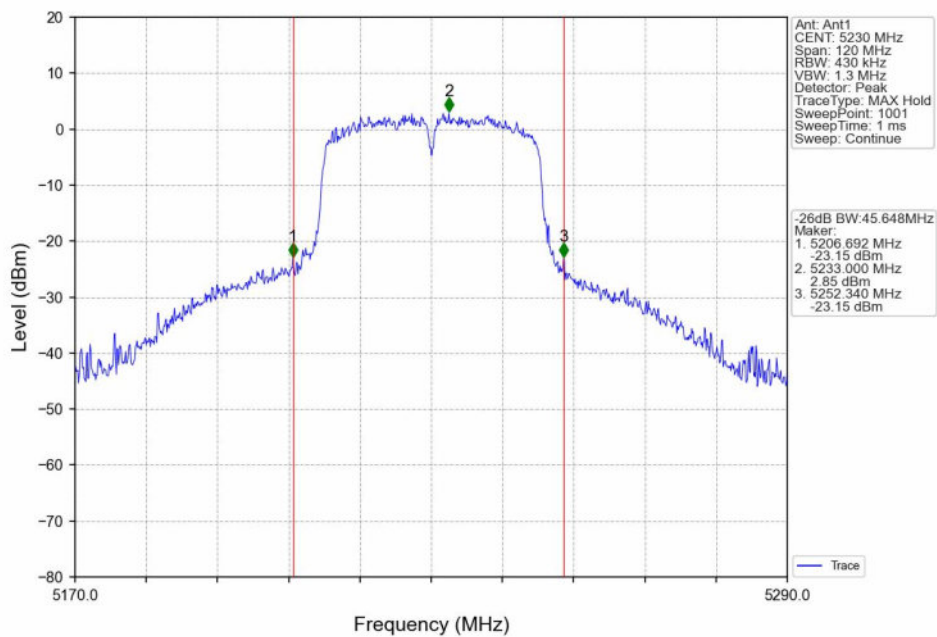
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



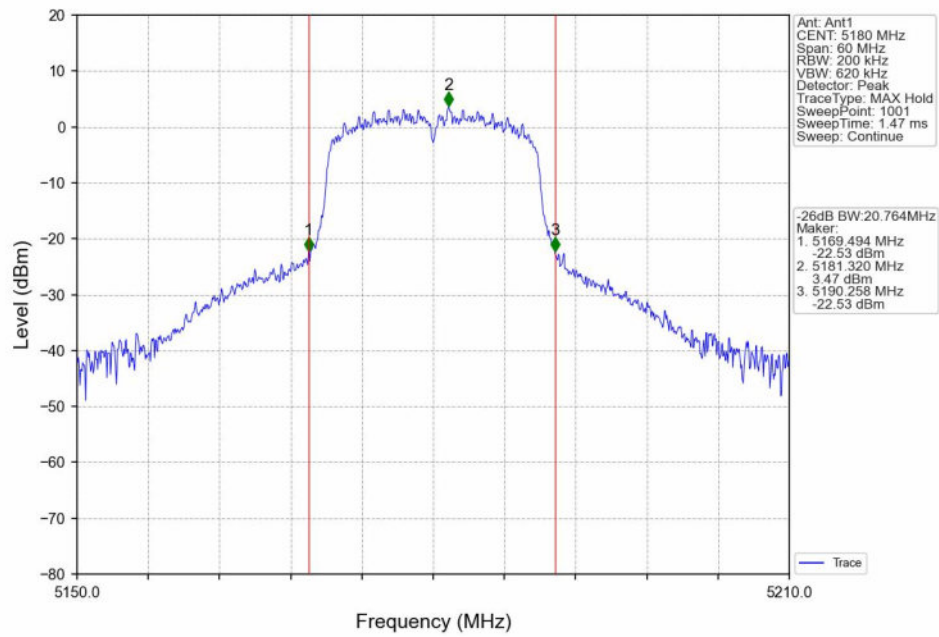
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



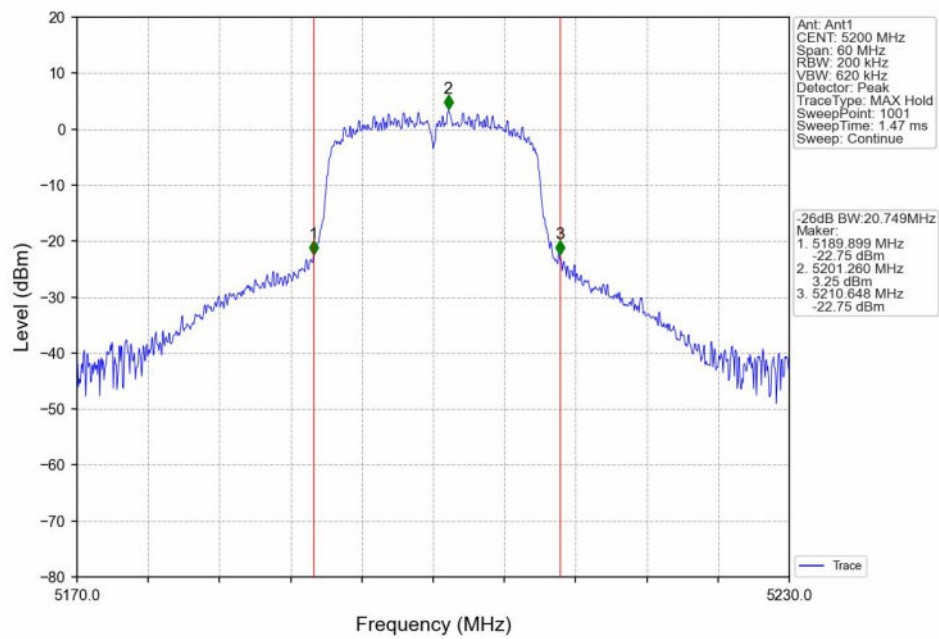
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



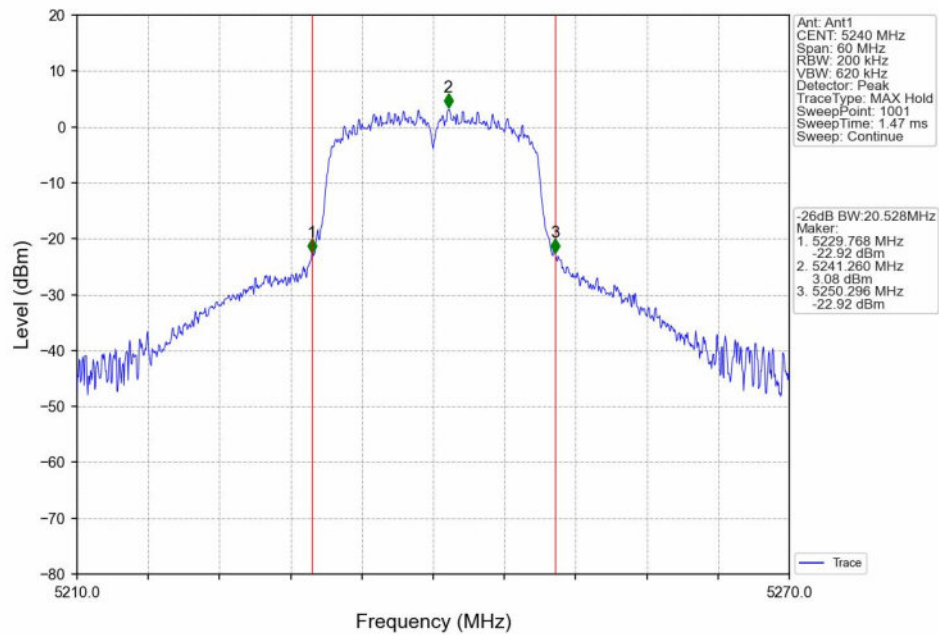
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



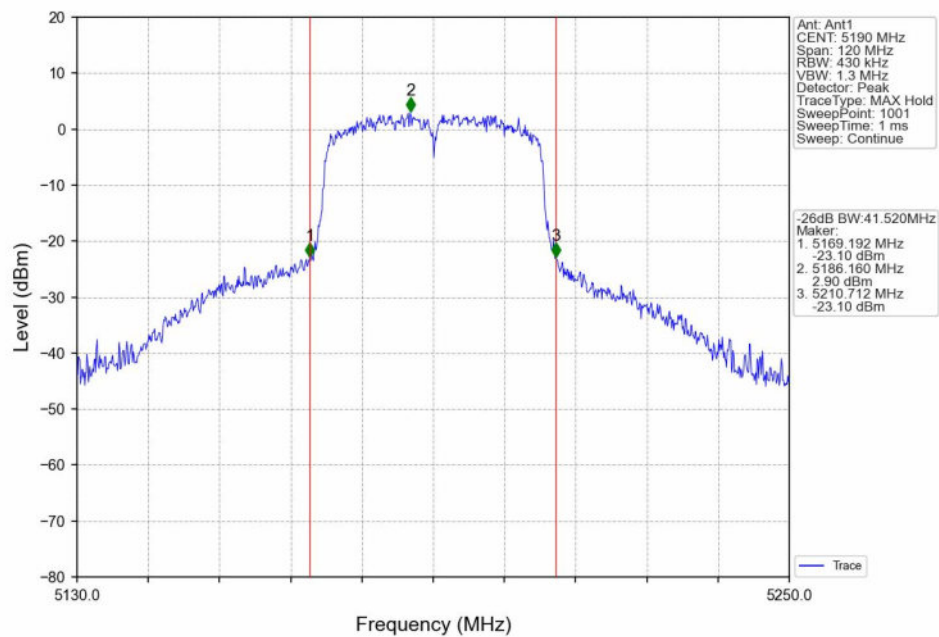
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



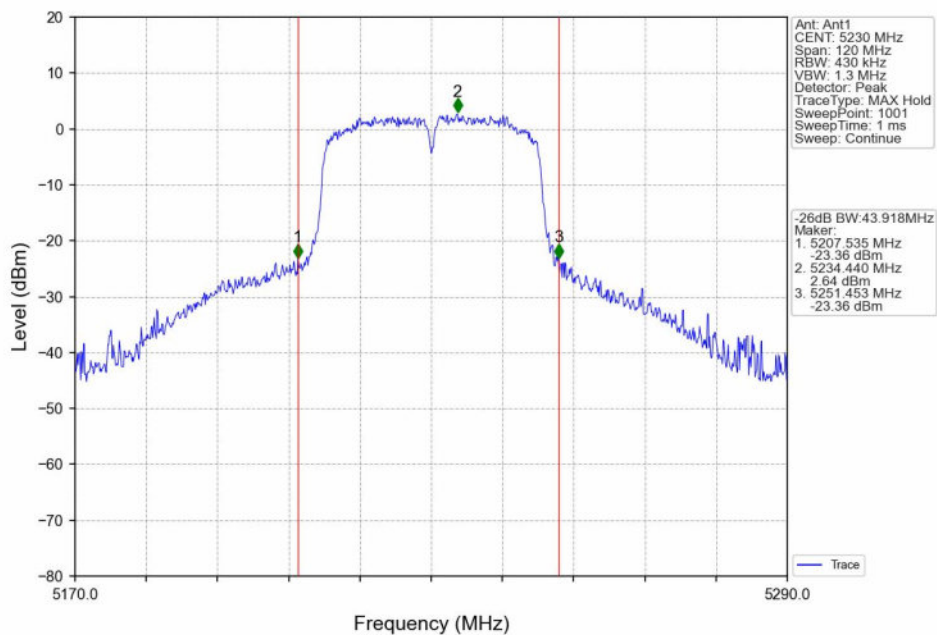
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



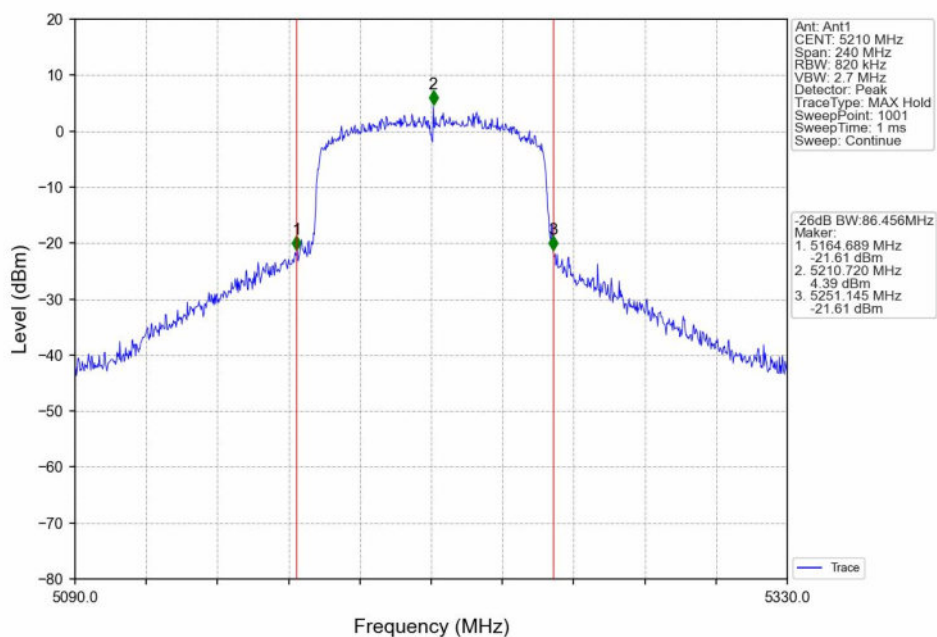
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



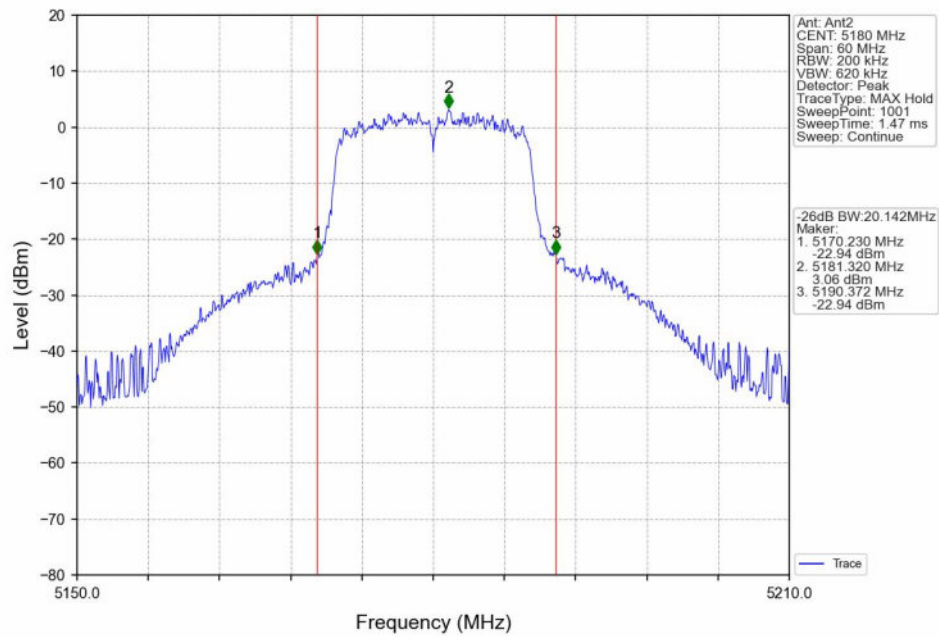
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



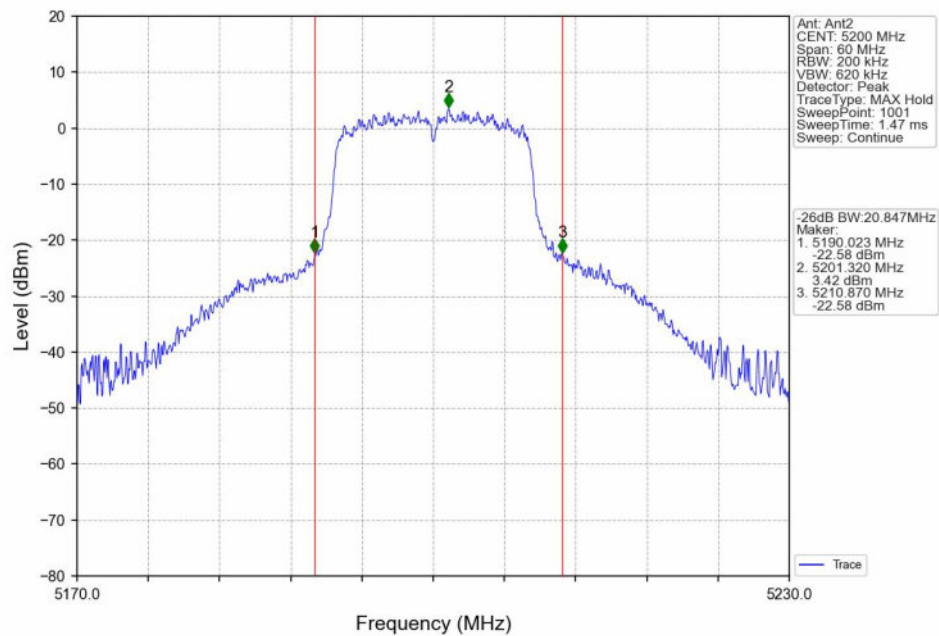
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



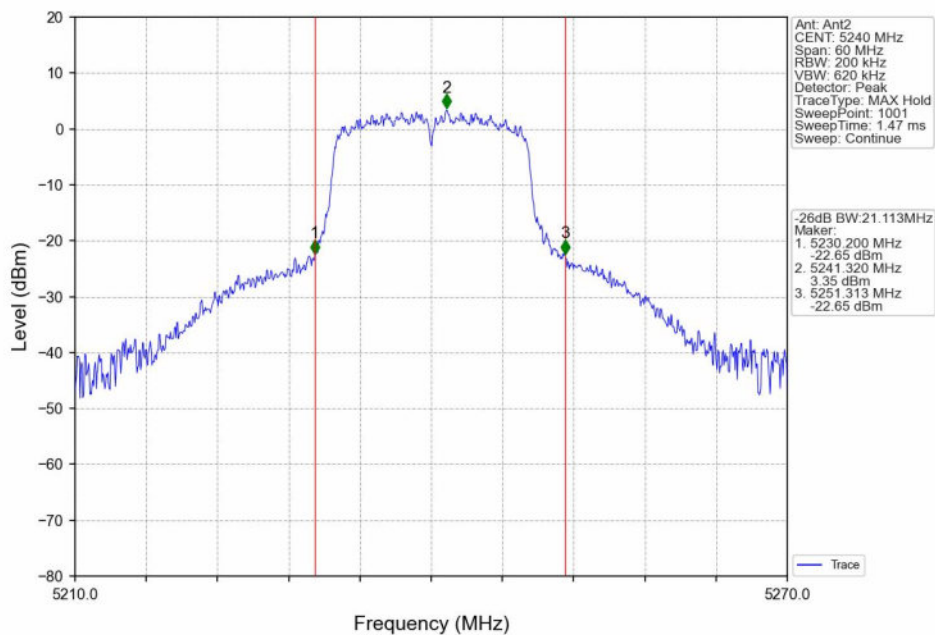
802.11a_LCH_5180MHz_Ant2_NTNV



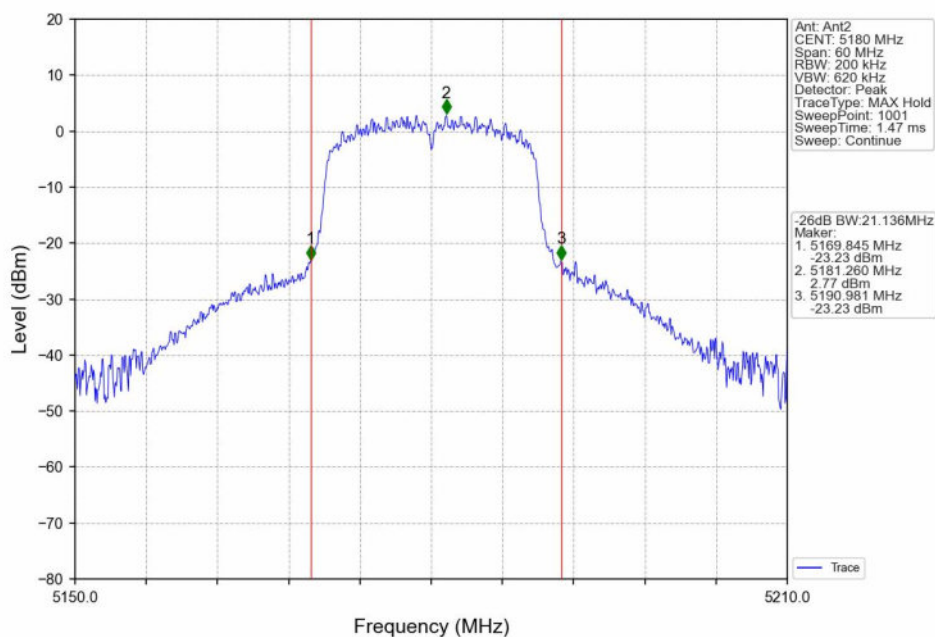
802.11a_MCH_5200MHz_Ant2_NTNV



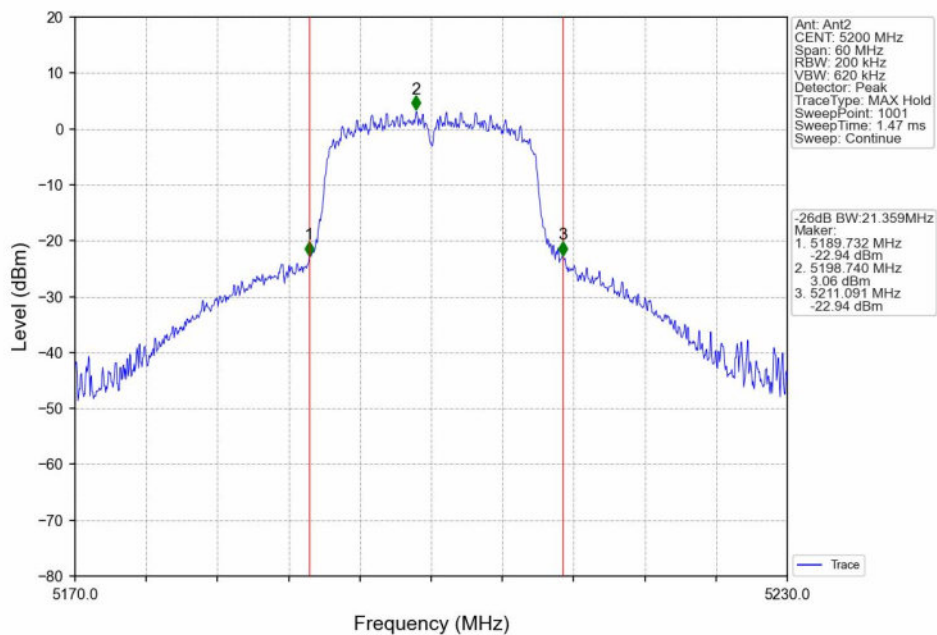
802.11a_HCH_5240MHz_Ant2_NTNV



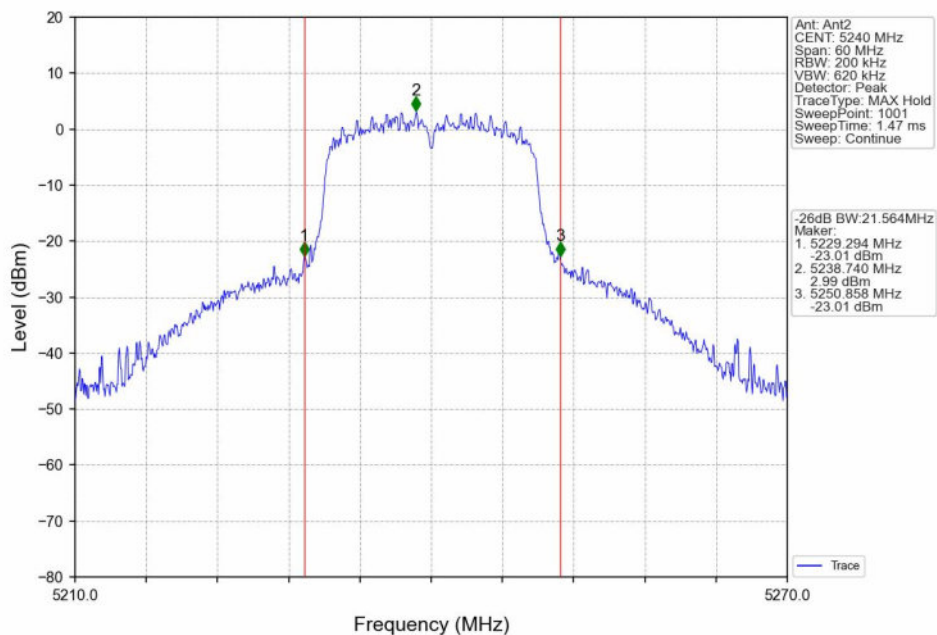
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



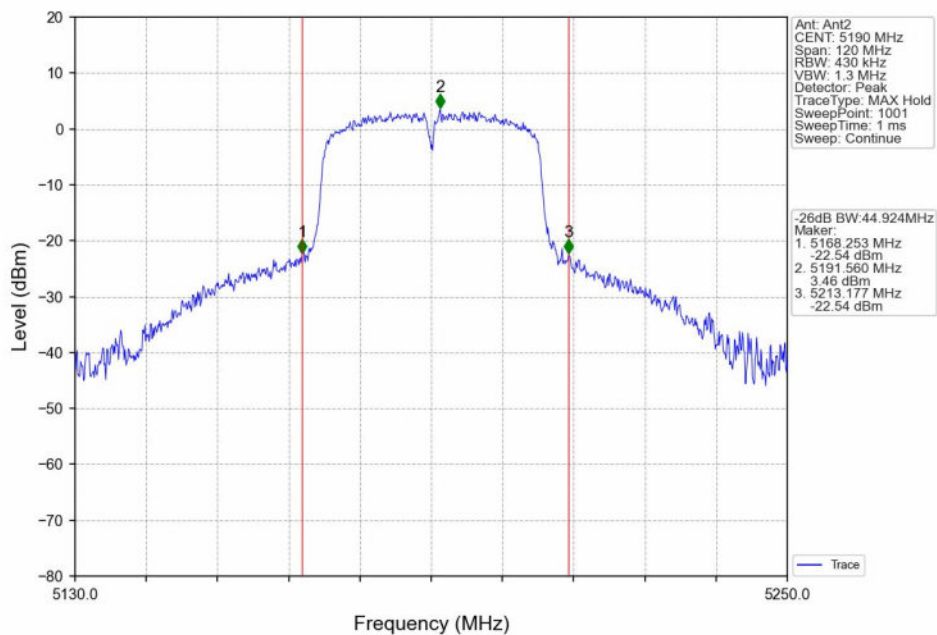
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



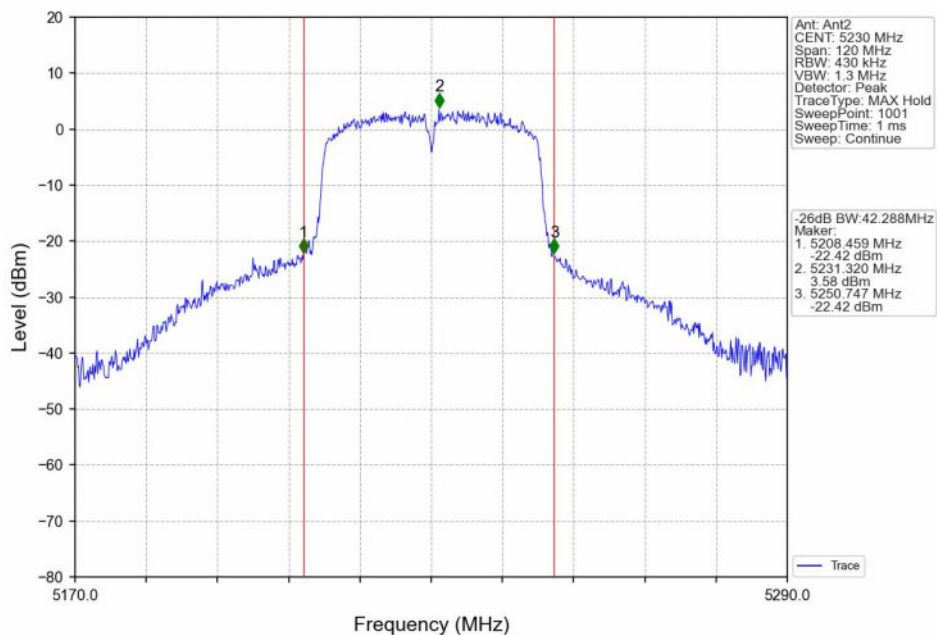
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



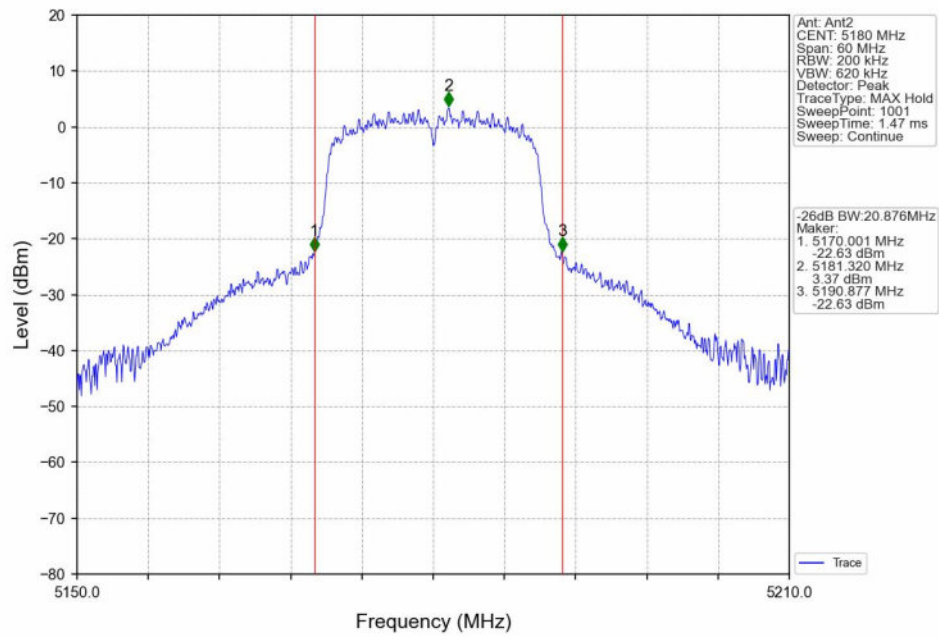
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



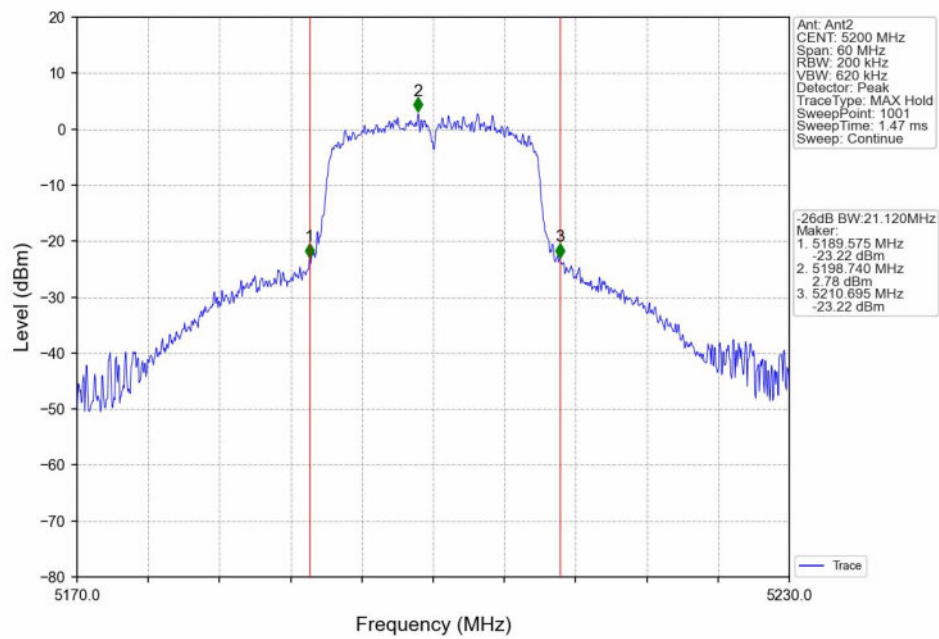
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



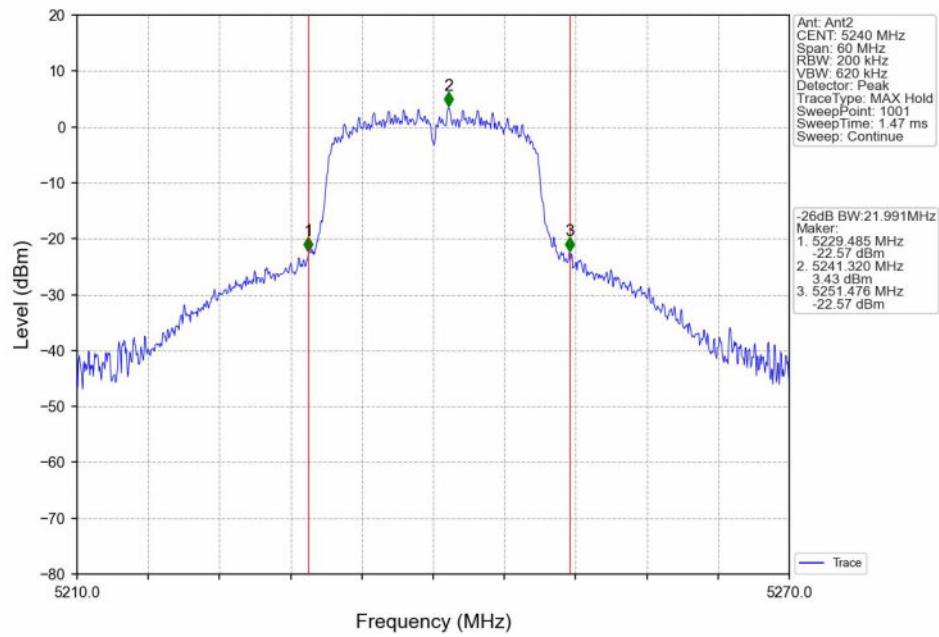
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



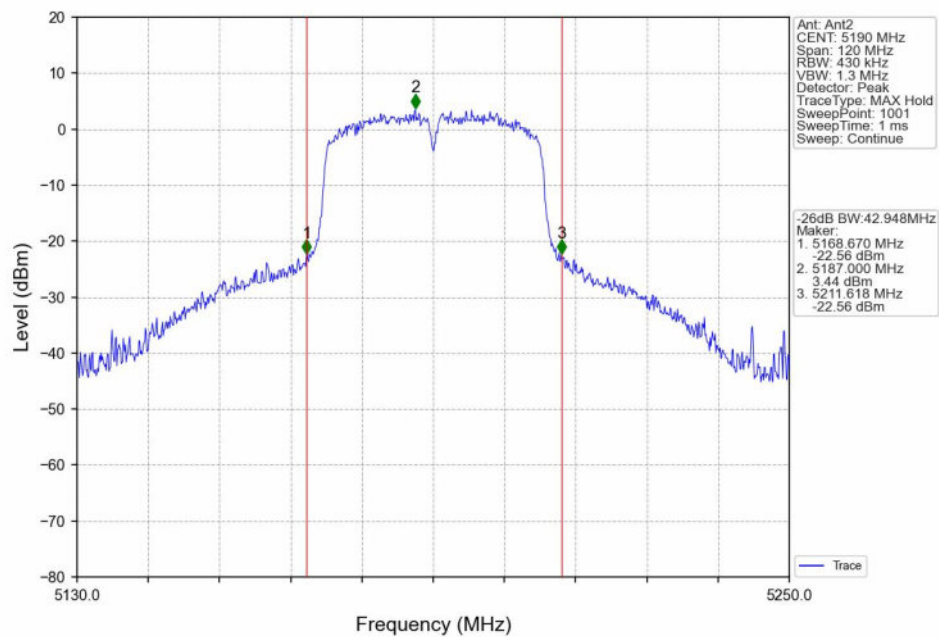
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



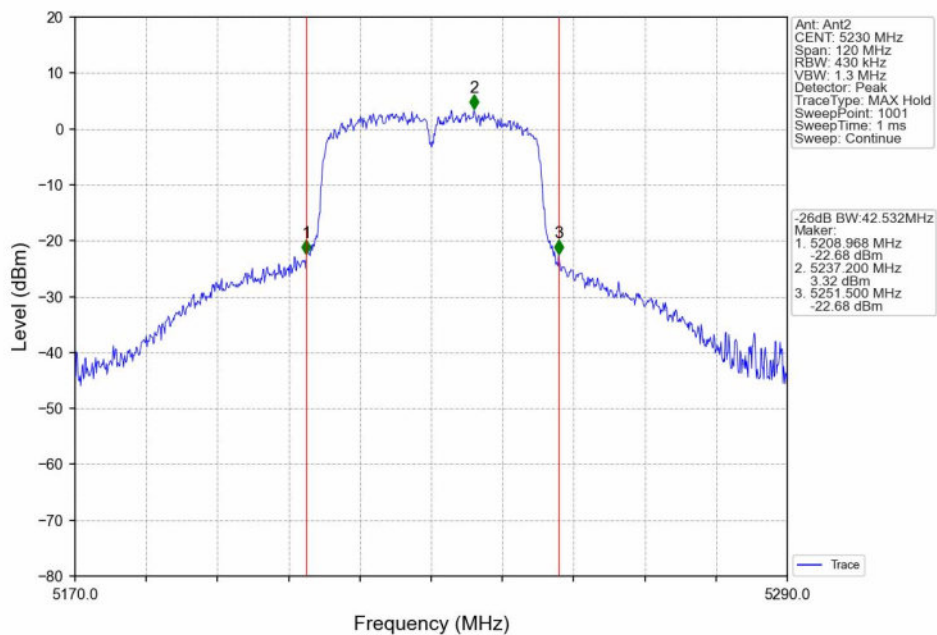
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



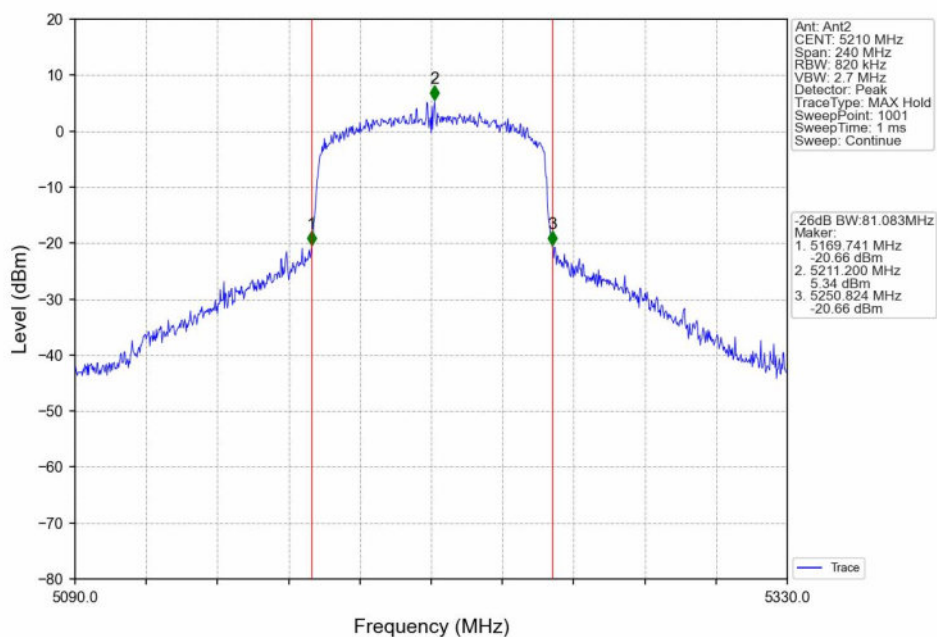
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



2. Maximum Conducted Output Power

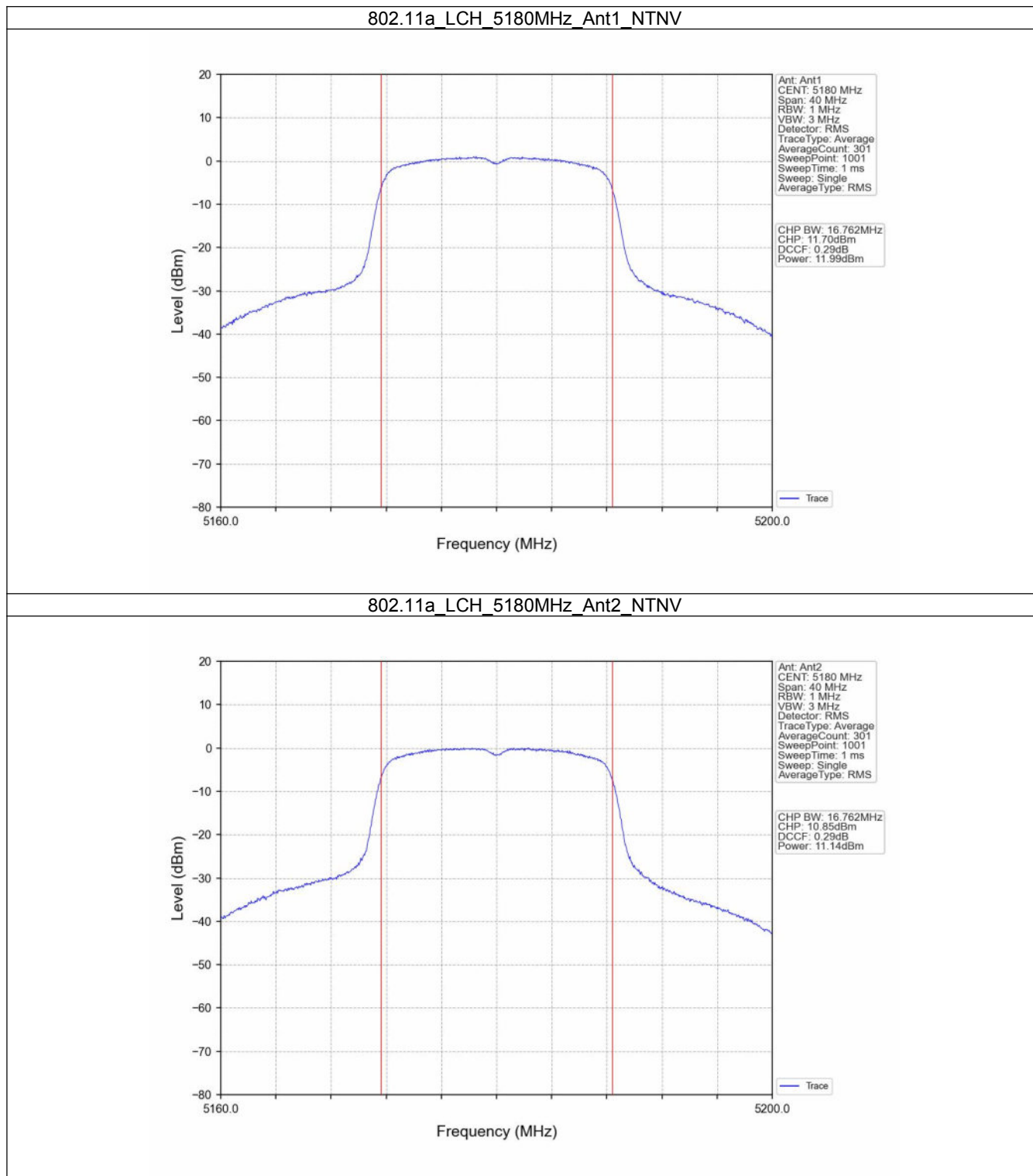
2.1 Power

2.1.1 Test Result

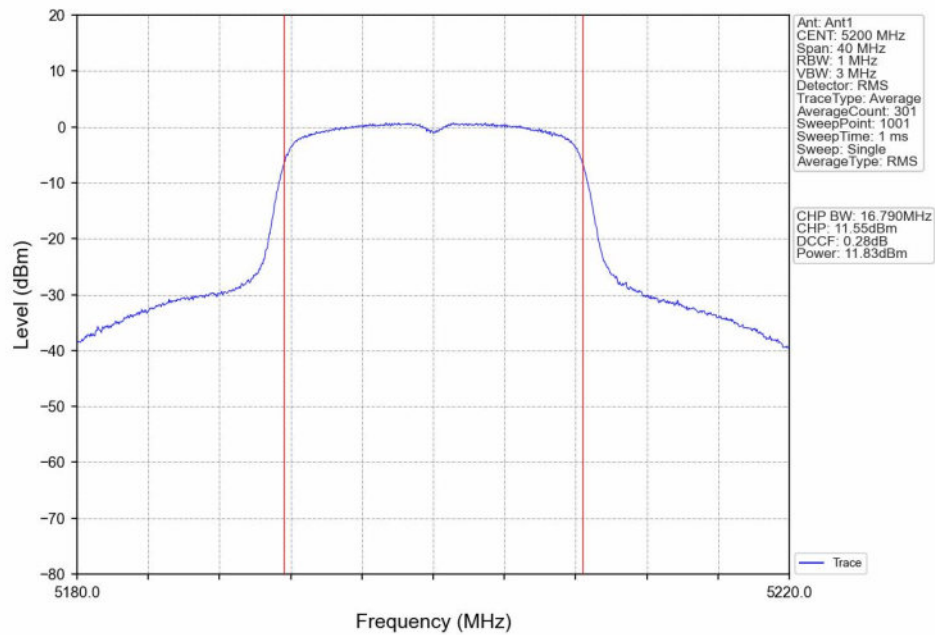
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)			Verdict
			ANT1	ANT2	Limit	
802.11a	SISO	5180	11.99	11.14	<=23.98	Pass
		5200	11.83	11.13	<=23.98	Pass
		5240	11.95	11.20	<=23.98	Pass
802.11n (HT20)	SISO	5180	11.85	11.15	<=23.98	Pass
		5200	11.88	11.11	<=23.98	Pass
		5240	11.76	11.09	<=23.98	Pass
802.11n (HT40)	SISO	5190	12.12	11.19	<=23.98	Pass
		5230	11.78	11.20	<=23.98	Pass
802.11ac (VHT20)	SISO	5180	12.07	11.12	<=23.98	Pass
		5200	11.91	11.00	<=23.98	Pass
		5240	11.80	11.05	<=23.98	Pass
802.11ac (VHT40)	SISO	5190	12.09	11.22	<=23.98	Pass
		5230	11.74	11.14	<=23.98	Pass
802.11ac (VHT80)	SISO	5210	12.02	11.40	<=23.98	Pass

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

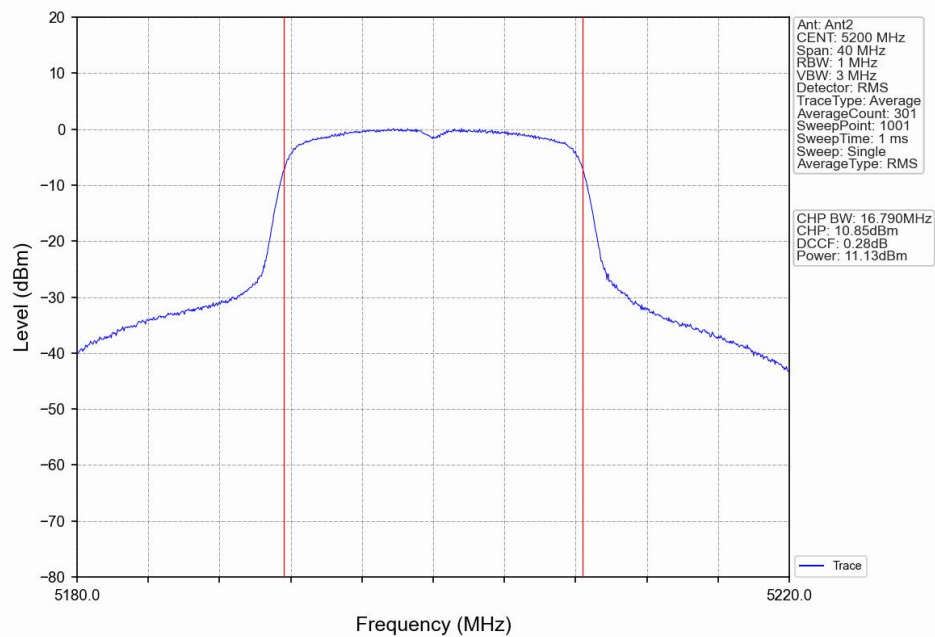
2.1.2 Test Graph



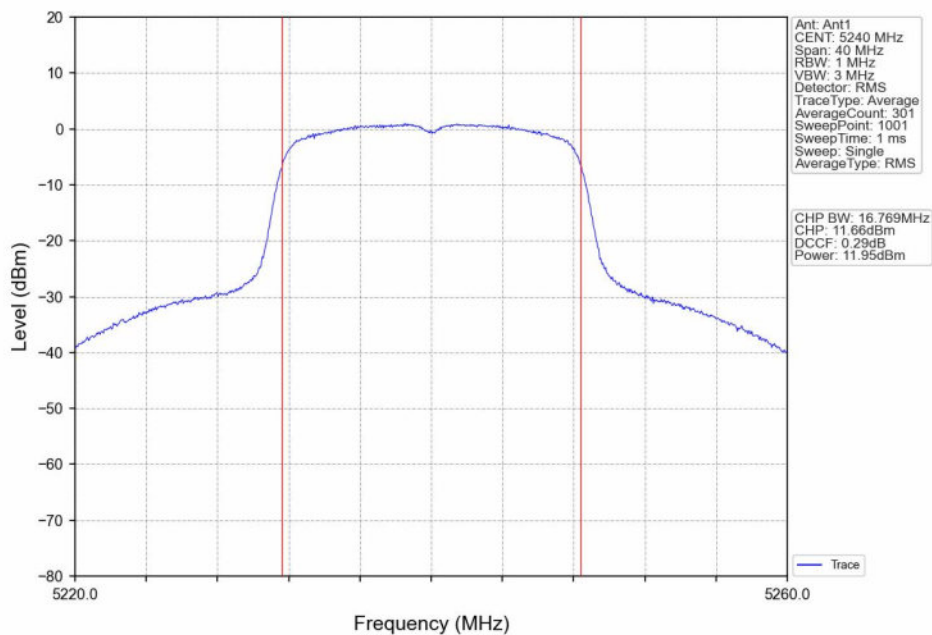
802.11a_MCH_5200MHz_Ant1_NTNV



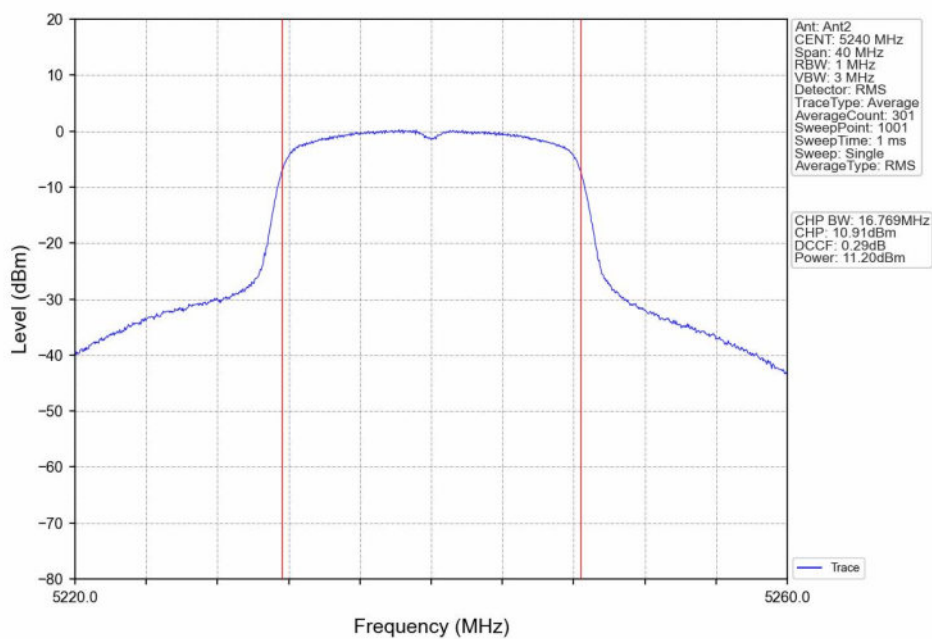
802.11a_MCH_5200MHz_Ant2_NTNV



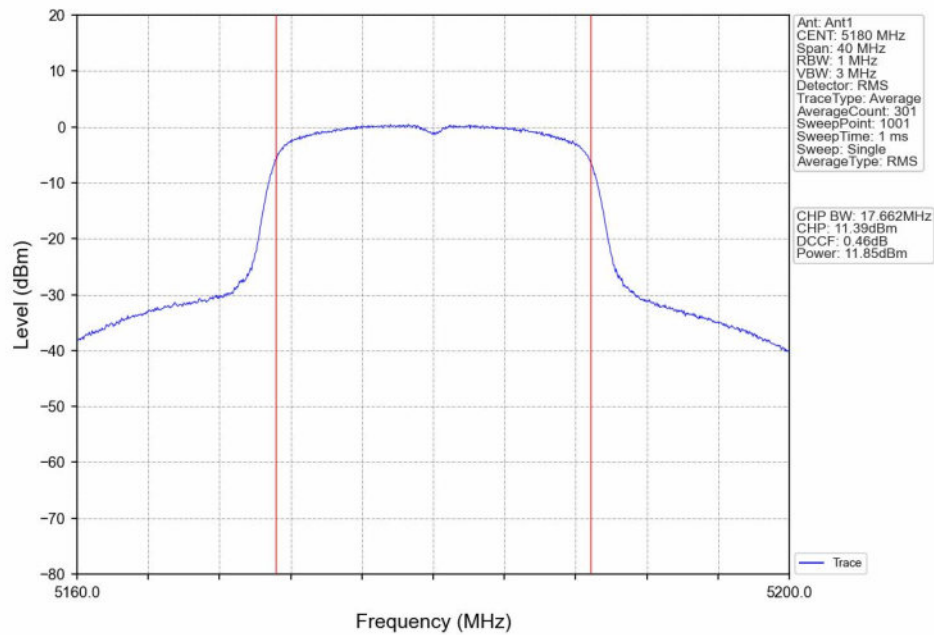
802.11a_HCH_5240MHz_Ant1_NTNV



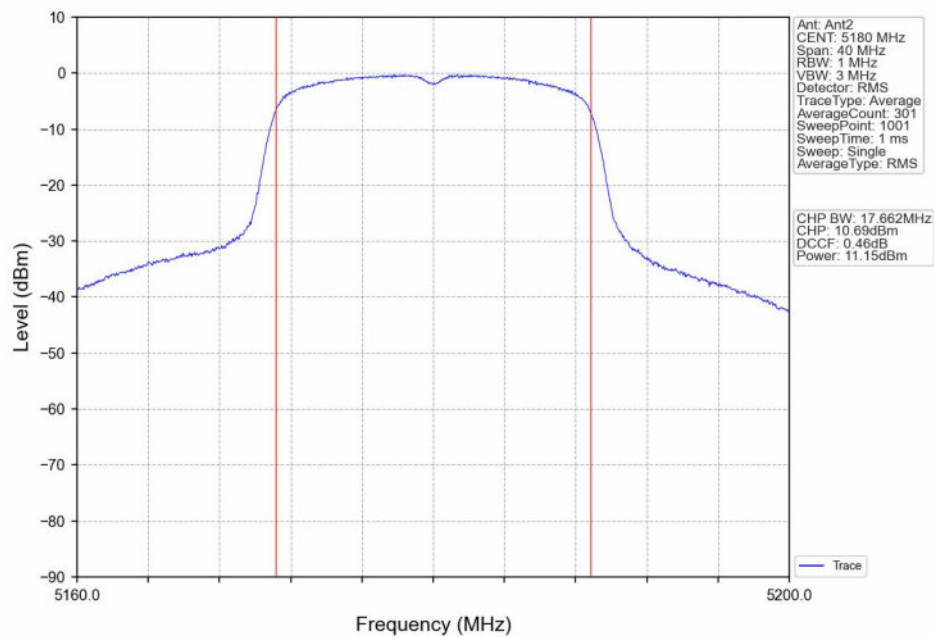
802.11a_HCH_5240MHz_Ant2_NTNV



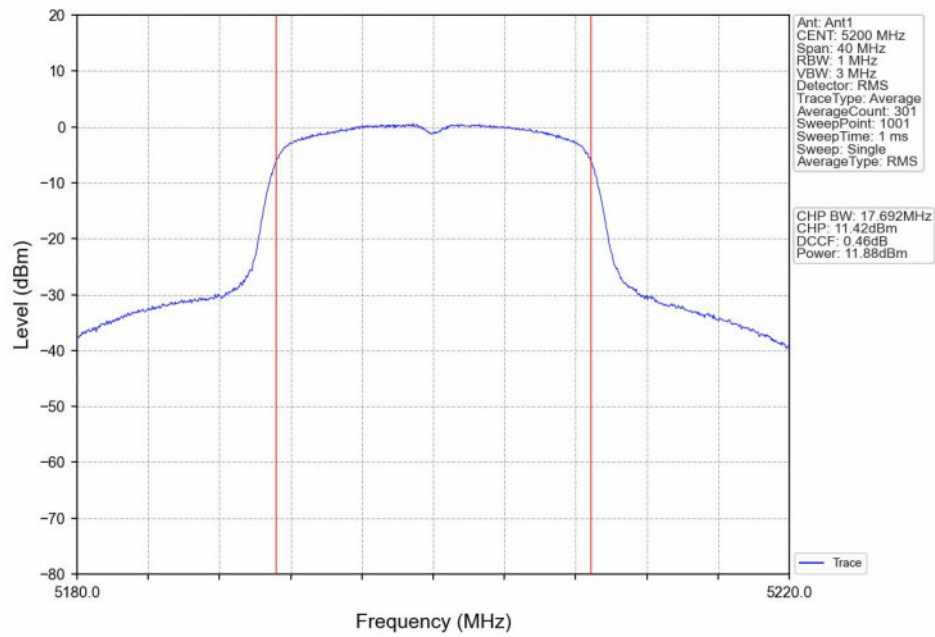
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



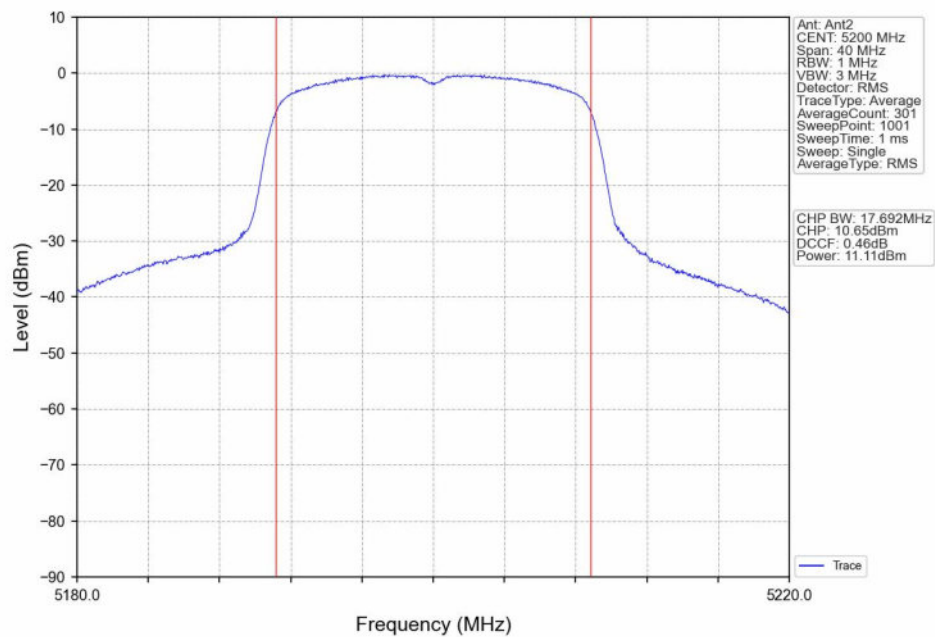
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



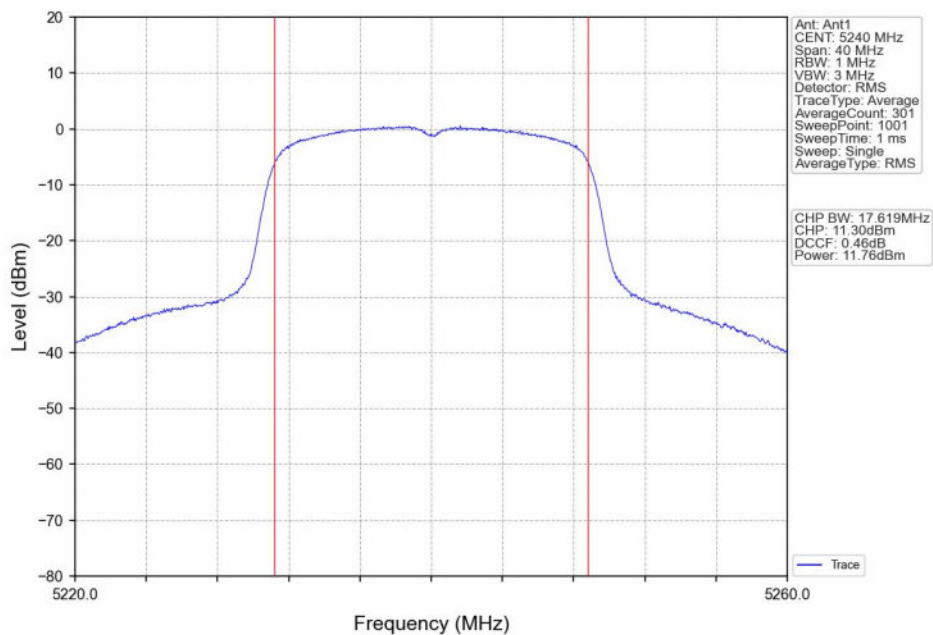
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



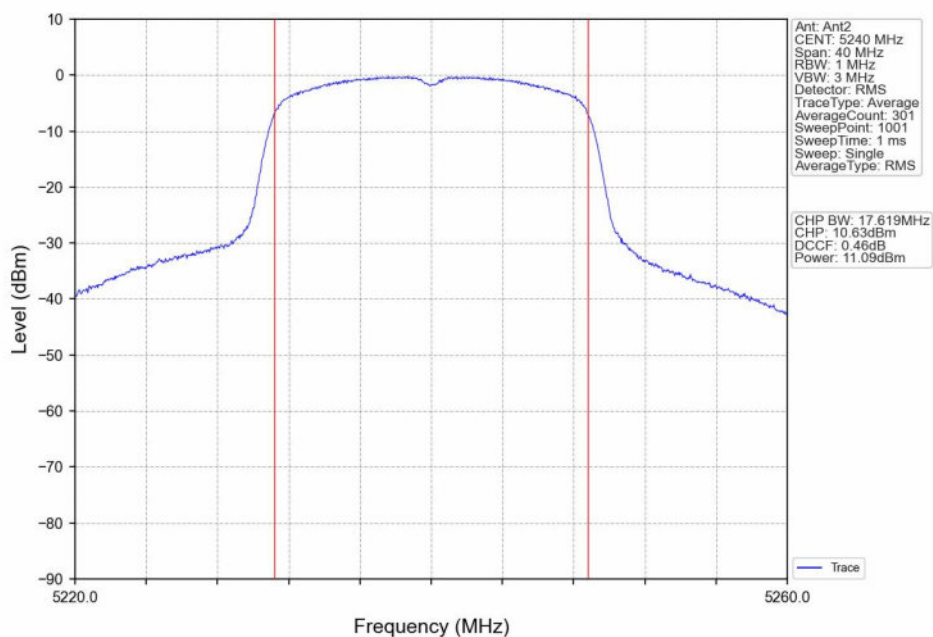
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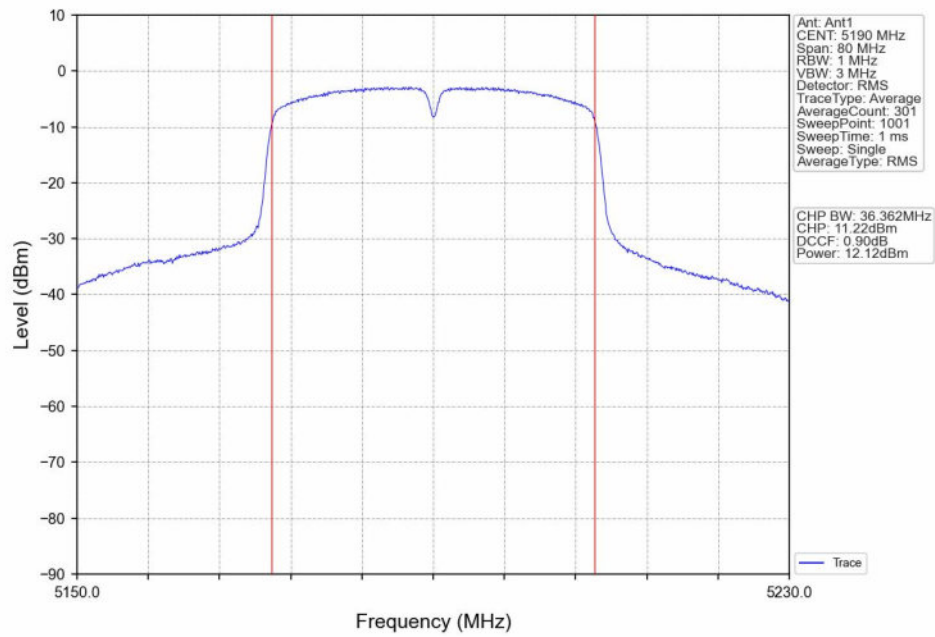
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant2_NTNV

