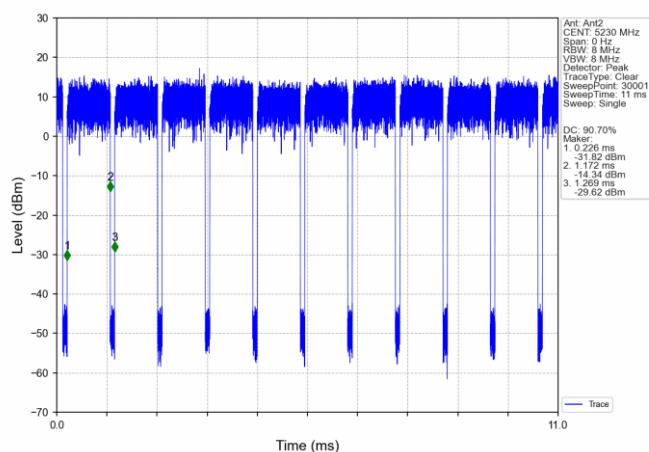
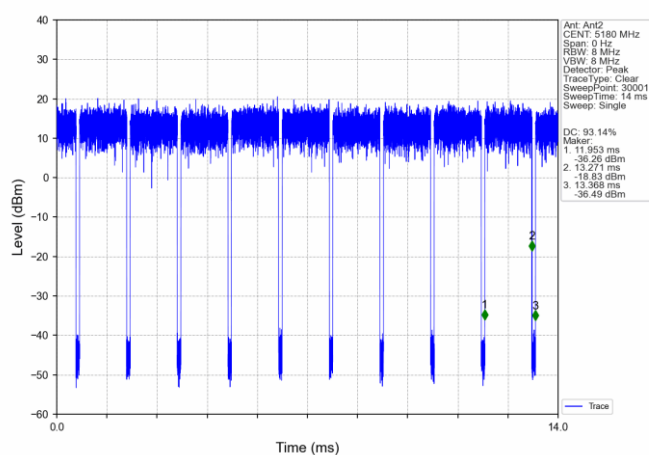




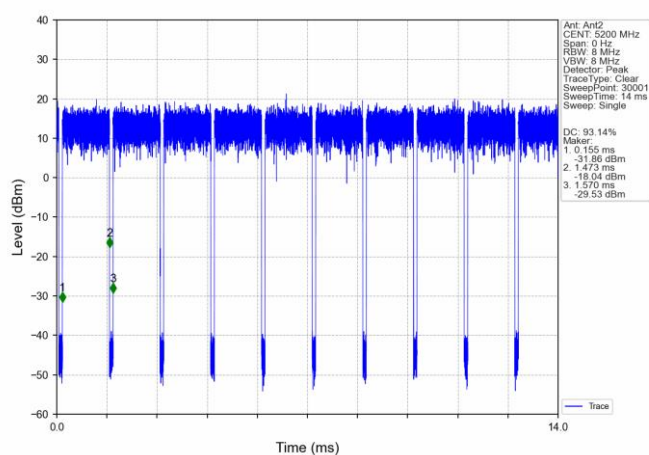
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV

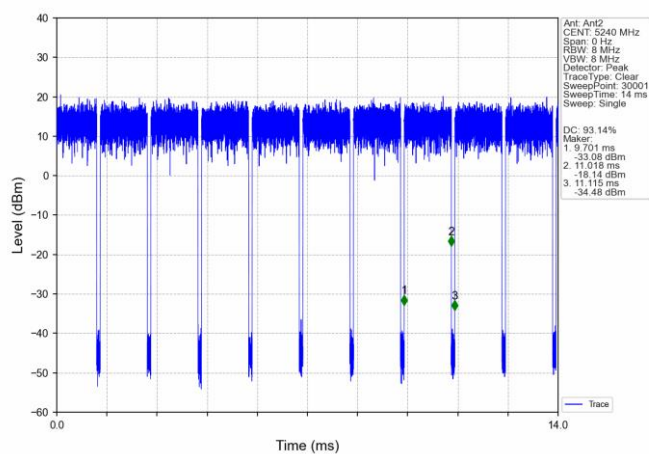


802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

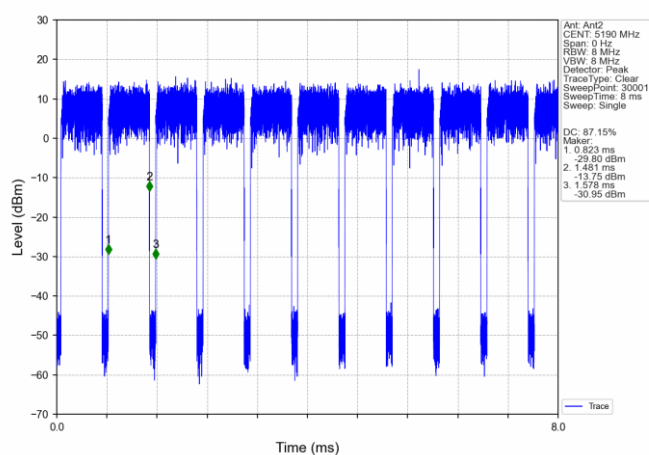




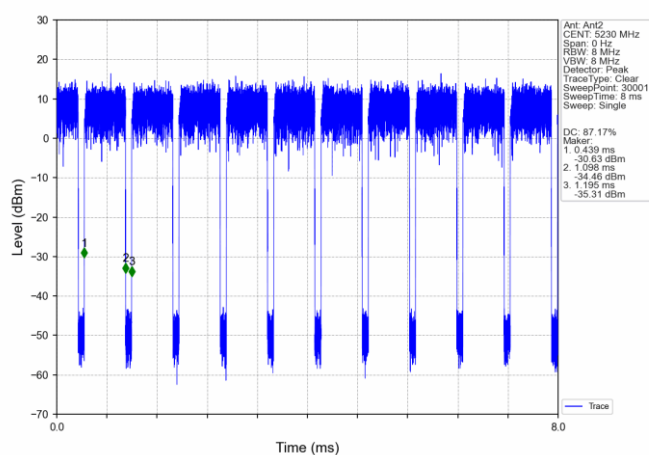
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV

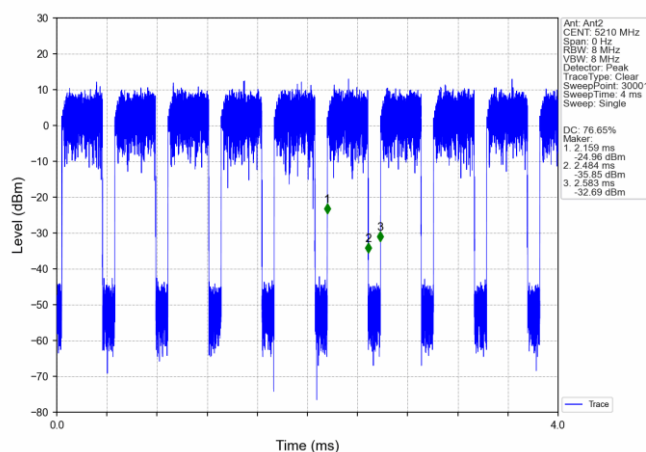


802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV

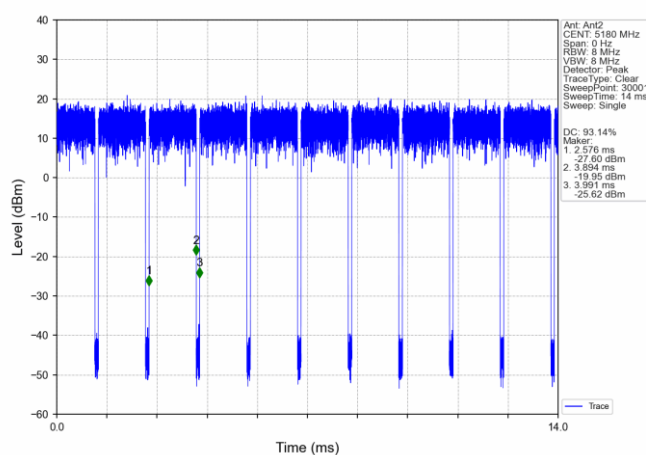




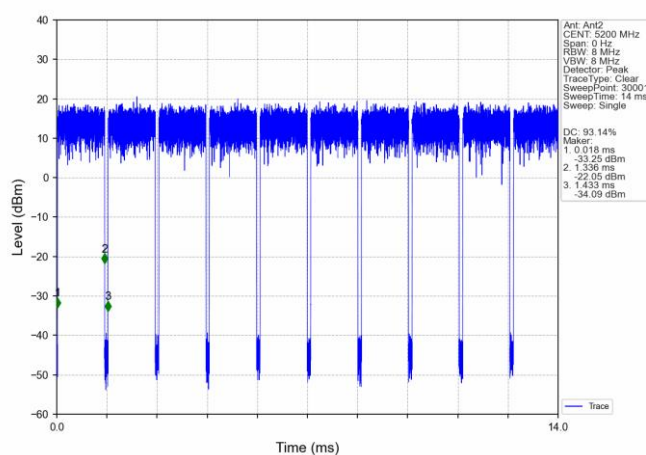
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV

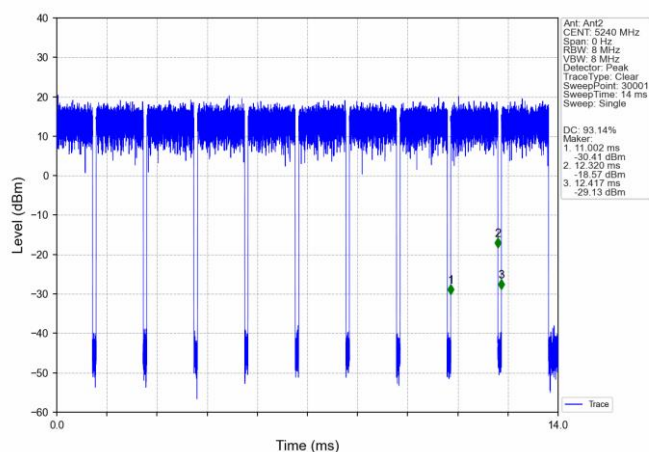


802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

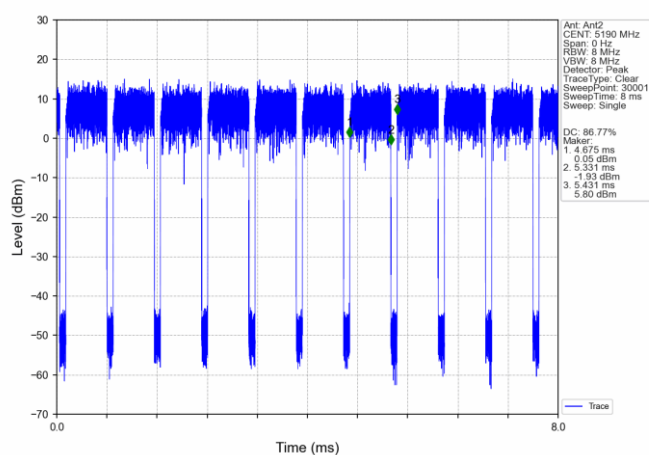




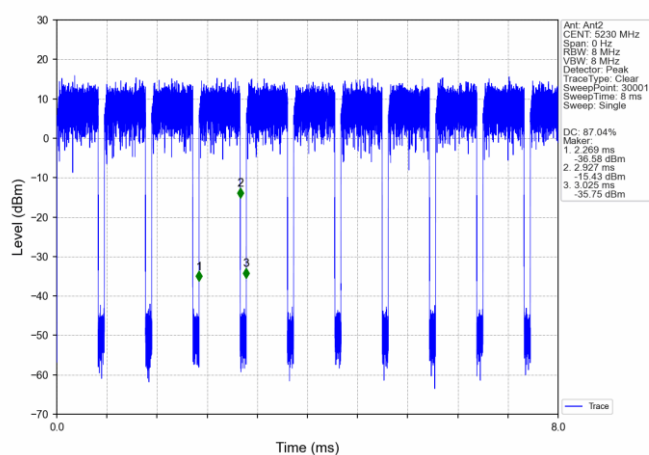
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV

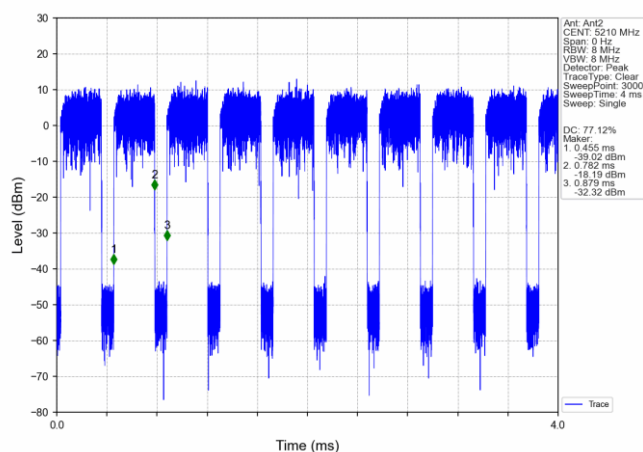


802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV

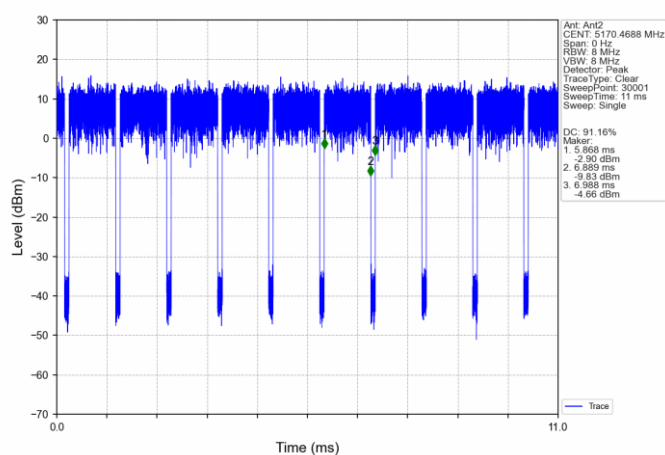




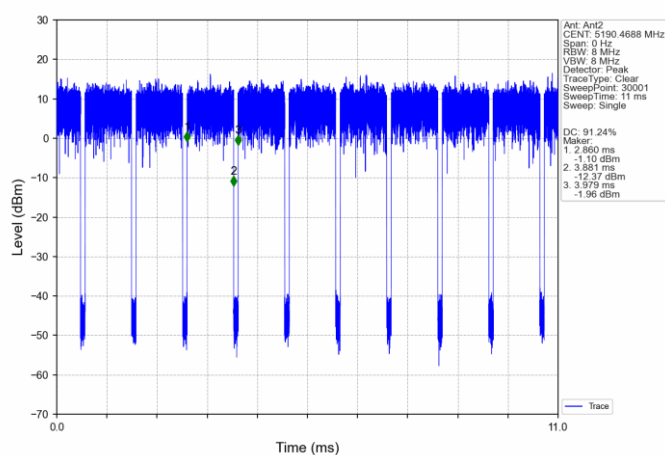
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



802.11ax(HEW20)_LCH_5180MHz_SU_ / Ant2_NTNV

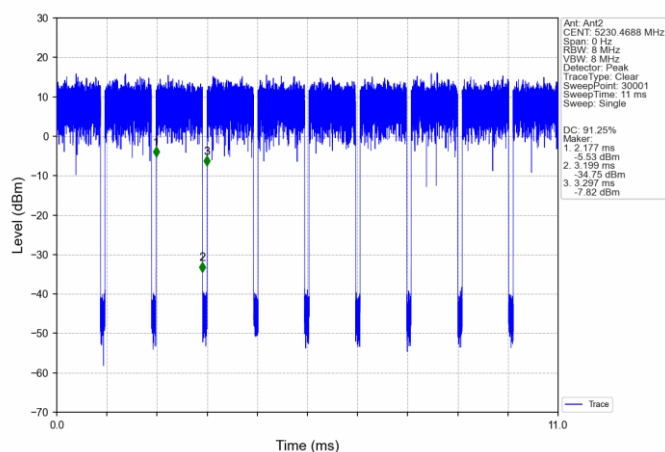


802.11ax(HEW20)_MCH_5200MHz_SU_ / Ant2_NTNV

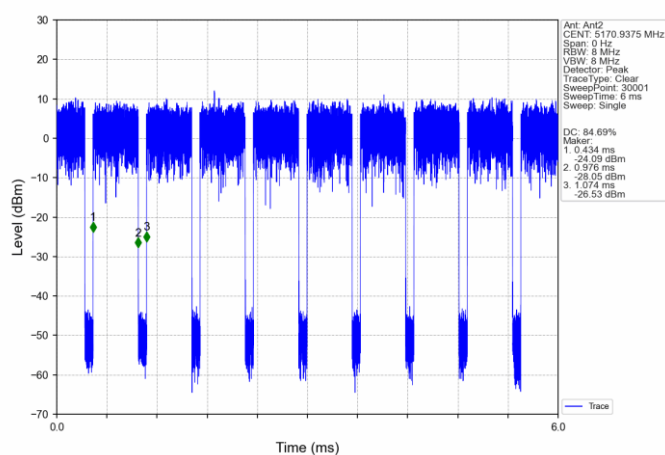




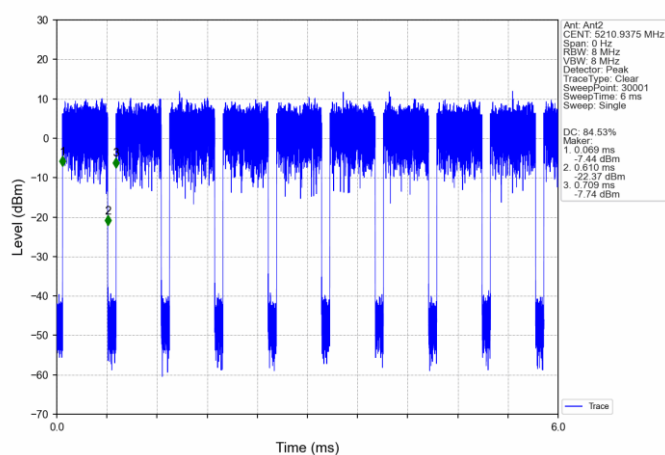
802.11ax(HEW20) HCH 5240MHz_SU_ / Ant2_NTNV



802.11ax(HEW40) LCH 5190MHz_SU_ / Ant2_NTNV

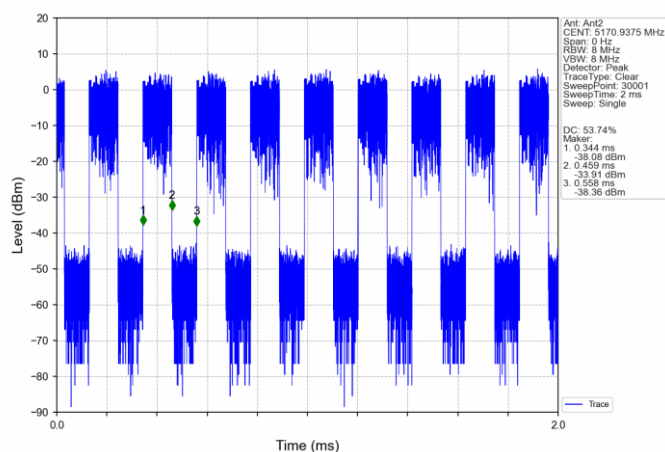


802.11ax(HEW40) HCH 5230MHz_SU_ / Ant2_NTNV

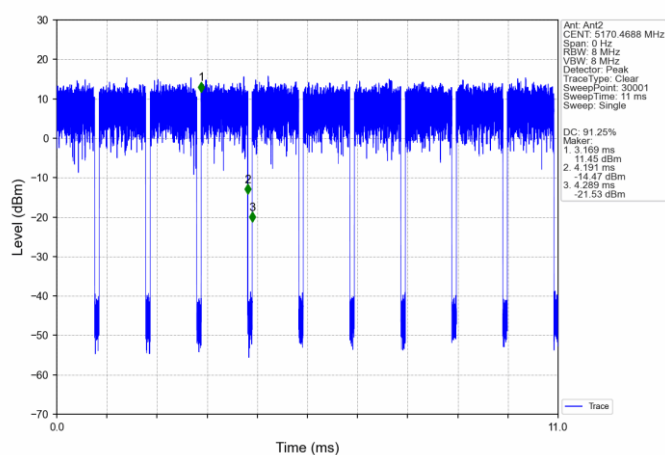




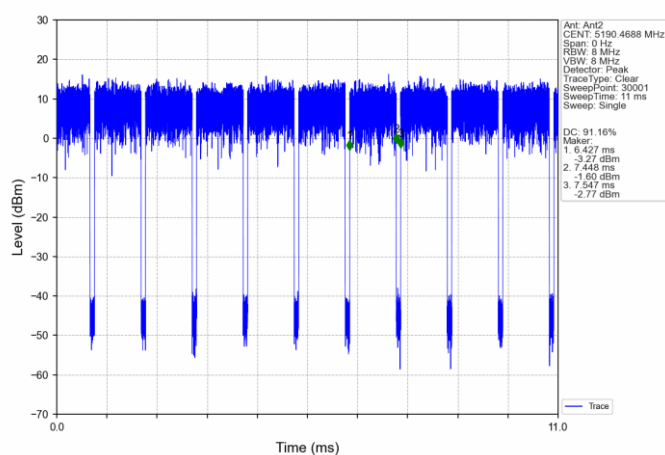
802.11ax(HEW80) MCH 5210MHz_SU / Ant2_NTNV



802.11ax(HEW20) LCH 5180MHz_SU / Ant2_NTNV

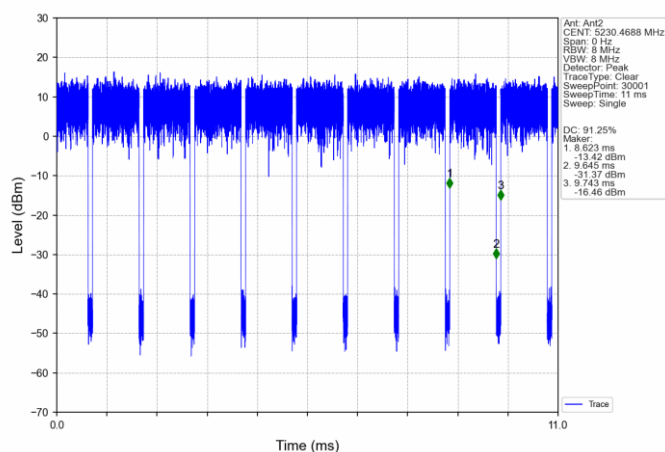


802.11ax(HEW20) MCH 5200MHz_SU / Ant2_NTNV

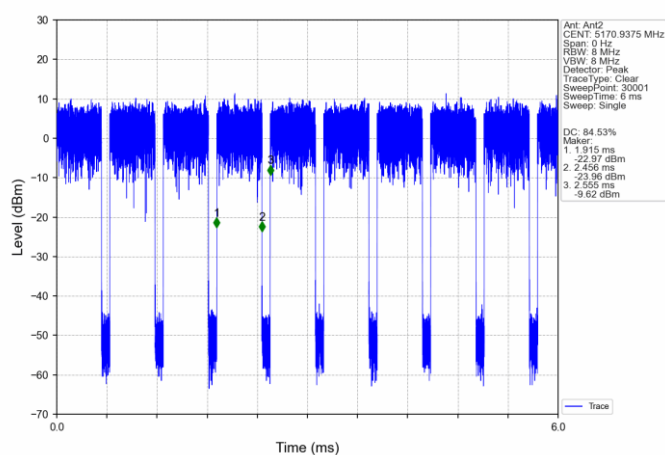




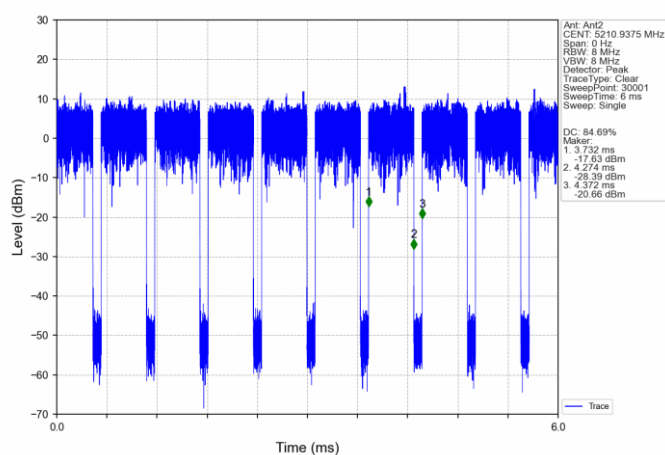
802.11ax(HEW20) HCH 5240MHz_SU / Ant2_NTNV



802.11ax(HEW40) LCH 5190MHz_SU / Ant2_NTNV

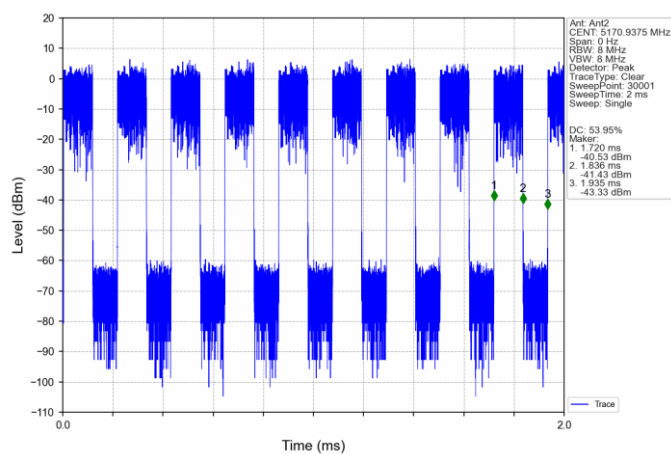


802.11ax(HEW40) HCH 5230MHz_SU / Ant2_NTNV





802.11ax(HEW80)_MCH_5210MHz_SU_ / Ant2_NTNV





2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	17.651	/	Pass
					2	17.721	/	Pass
		5200	/	/	1	17.704	/	Pass
					2	17.717	/	Pass
		5240	/	/	1	17.669	/	Pass
					2	17.665	/	Pass
802.11n (HT20)	SISO	5180	/	/	1	18.569	/	Pass
					2	18.591	/	Pass
		5200	/	/	1	18.734	/	Pass
					2	18.601	/	Pass
		5240	/	/	1	18.640	/	Pass
					2	18.626	/	Pass
802.11n (HT40)	SISO	5190	/	/	1	36.547	/	Pass
					2	36.565	/	Pass
		5230	/	/	1	36.449	/	Pass
					2	36.575	/	Pass
802.11n (HT20)	MIMO	5180	/	/	1	18.618	/	Pass
					2	18.301	/	Pass
		5200	/	/	1	18.714	/	Pass
					2	18.353	/	Pass
		5240	/	/	1	18.822	/	Pass
					2	18.305	/	Pass
802.11n (HT40)	MIMO	5190	/	/	1	36.419	/	Pass
					2	36.493	/	Pass
		5230	/	/	1	36.534	/	Pass
					2	36.520	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	18.738	/	Pass
					2	18.643	/	Pass
		5200	/	/	1	18.569	/	Pass
					2	18.773	/	Pass
		5240	/	/	1	18.712	/	Pass
					2	18.647	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	1	36.525	/	Pass
					2	36.447	/	Pass
		5230	/	/	1	36.456	/	Pass



					2	36.409	/	Pass
802.11ac (VHT80)	SISO	5210	/	/	1	76.172	/	Pass
					2	76.136	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	18.597	/	Pass
					2	18.268	/	Pass
		5200	/	/	1	18.675	/	Pass
					2	18.262	/	Pass
		5240	/	/	1	18.725	/	Pass
					2	18.399	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	36.487	/	Pass
					2	36.626	/	Pass
		5230	/	/	1	36.421	/	Pass
					2	36.479	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	76.448	/	Pass
					2	76.094	/	Pass
802.11ax (HEW20)	SISO	5180	SU	/	1	19.205	/	Pass
					2	19.343	/	Pass
		5200	SU	/	1	19.289	/	Pass
					2	19.280	/	Pass
		5240	SU	/	1	19.265	/	Pass
					2	19.295	/	Pass
802.11ax (HEW40)	SISO	5190	SU	/	1	37.931	/	Pass
					2	37.833	/	Pass
		5230	SU	/	1	37.852	/	Pass
					2	37.831	/	Pass
802.11ax (HEW80)	SISO	5210	SU	/	1	77.940	/	Pass
					2	77.966	/	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	1	19.303	/	Pass
					2	19.291	/	Pass
		5200	SU	/	1	19.240	/	Pass
					2	19.306	/	Pass
		5240	SU	/	1	19.286	/	Pass
					2	19.339	/	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	1	37.858	/	Pass
					2	37.890	/	Pass
		5230	SU	/	1	37.857	/	Pass
					2	37.841	/	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	1	77.938	/	Pass
					2	77.893	/	Pass



2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	21.418	/	Pass
					2	21.608	/	Pass
		5200	/	/	1	21.711	/	Pass
					2	21.662	/	Pass
		5240	/	/	1	21.867	/	Pass
					2	21.660	/	Pass
802.11n (HT20)	SISO	5180	/	/	1	22.527	/	Pass
					2	21.809	/	Pass
		5200	/	/	1	21.692	/	Pass
					2	21.629	/	Pass
		5240	/	/	1	21.923	/	Pass
					2	21.746	/	Pass
802.11n (HT40)	SISO	5190	/	/	1	40.146	/	Pass
					2	40.450	/	Pass
		5230	/	/	1	40.368	/	Pass
					2	39.929	/	Pass
802.11n (HT20)	MIMO	5180	/	/	1	22.005	/	Pass
					2	21.525	/	Pass
		5200	/	/	1	22.195	/	Pass
					2	21.568	/	Pass
		5240	/	/	1	22.028	/	Pass
					2	22.461	/	Pass
802.11n (HT40)	MIMO	5190	/	/	1	40.472	/	Pass
					2	40.034	/	Pass
		5230	/	/	1	40.307	/	Pass
					2	39.809	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	22.020	/	Pass
					2	21.786	/	Pass
		5200	/	/	1	21.752	/	Pass
					2	21.738	/	Pass
		5240	/	/	1	21.723	/	Pass
					2	23.390	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	1	40.275	/	Pass
					2	40.355	/	Pass
		5230	/	/	1	40.589	/	Pass
					2	40.400	/	Pass



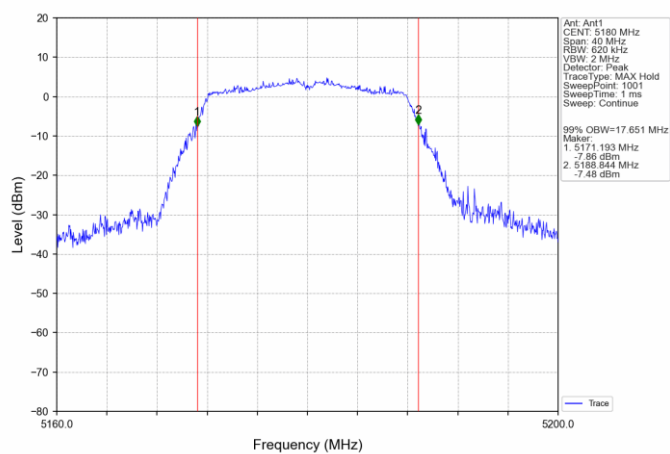
802.11ac (VHT80)	SISO	5210	/	/	1	82.317	/	Pass
					2	82.464	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	21.902	/	Pass
					2	21.821	/	Pass
		5200	/	/	1	22.015	/	Pass
					2	21.430	/	Pass
		5240	/	/	1	24.792	/	Pass
					2	21.567	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	40.561	/	Pass
					2	40.042	/	Pass
		5230	/	/	1	40.426	/	Pass
					2	39.970	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	81.796	/	Pass
					2	81.622	/	Pass
802.11ax (HEW20)	SISO	5180	SU	/	1	21.499	/	Pass
					2	21.590	/	Pass
		5200	SU	/	1	21.591	/	Pass
					2	21.430	/	Pass
		5240	SU	/	1	21.456	/	Pass
					2	21.677	/	Pass
802.11ax (HEW40)	SISO	5190	SU	/	1	40.248	/	Pass
					2	40.820	/	Pass
		5230	SU	/	1	40.450	/	Pass
					2	40.539	/	Pass
802.11ax (HEW80)	SISO	5210	SU	/	1	82.406	/	Pass
					2	83.105	/	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	1	21.876	/	Pass
					2	21.551	/	Pass
		5200	SU	/	1	21.593	/	Pass
					2	21.139	/	Pass
		5240	SU	/	1	21.692	/	Pass
					2	21.345	/	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	1	40.324	/	Pass
					2	40.534	/	Pass
		5230	SU	/	1	40.233	/	Pass
					2	40.405	/	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	1	82.725	/	Pass
					2	100.866	/	Pass



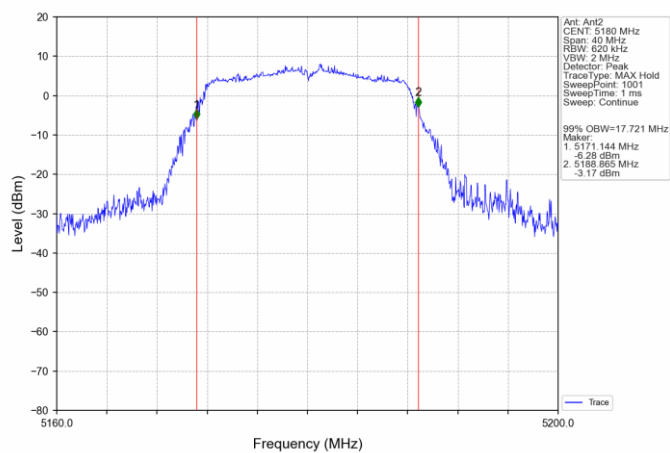
2.2 Test Graph

2.2.1 OBW

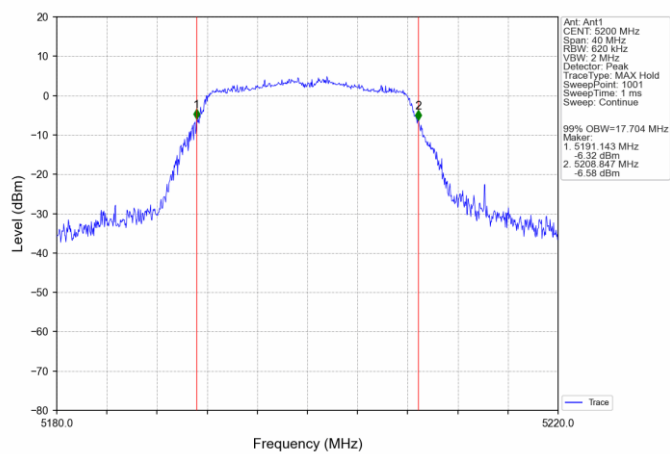
802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_LCH_5180MHz_Ant2_NTNV

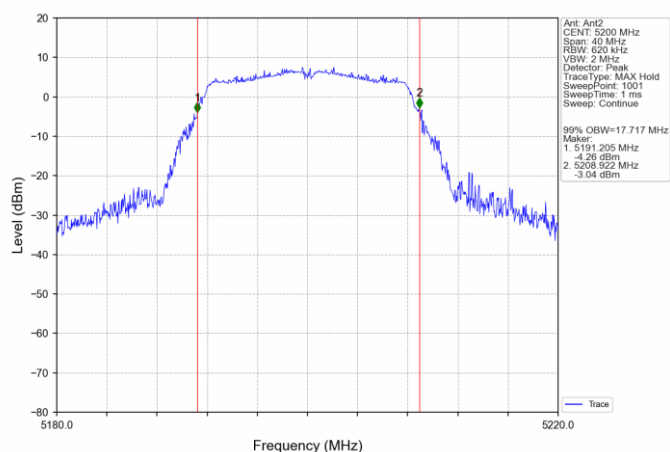


802.11a_MCH_5200MHz_Ant1_NTNV

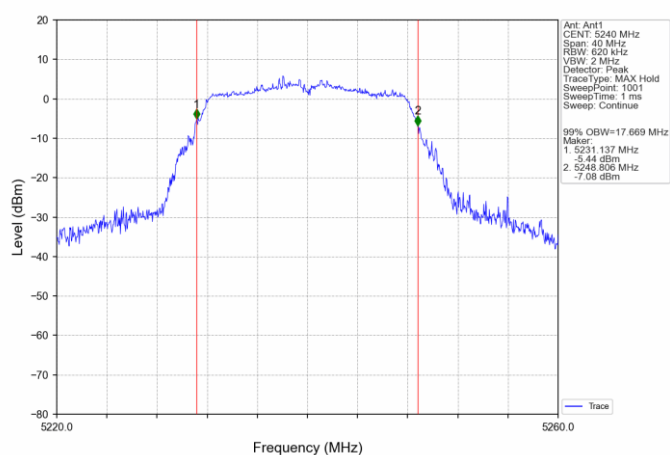




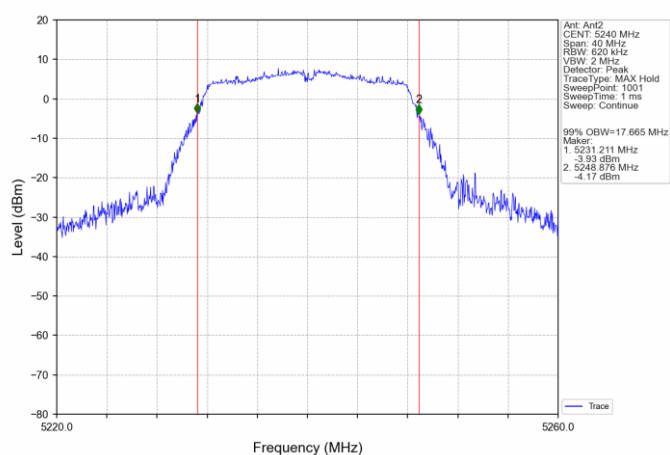
802.11a MCH_5200MHz_Ant2_NTNV



802.11a HCH_5240MHz_Ant1_NTNV

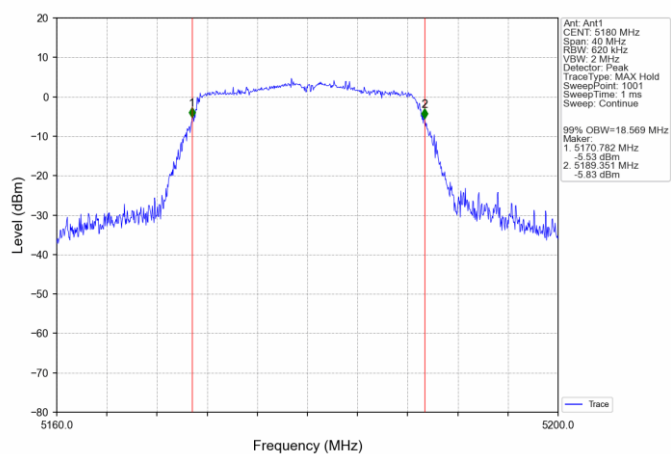


802.11a HCH_5240MHz_Ant2_NTNV

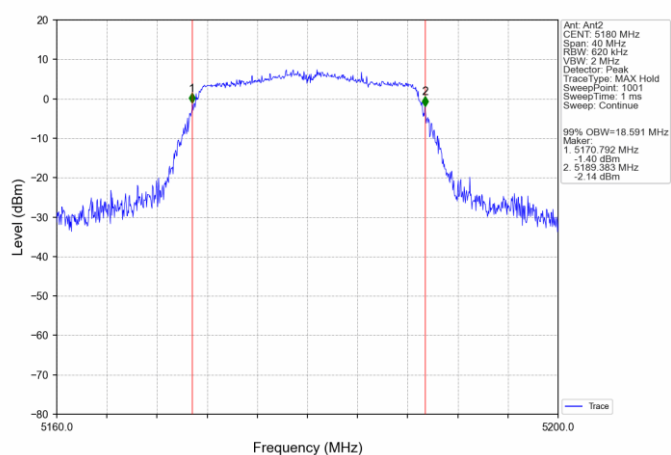




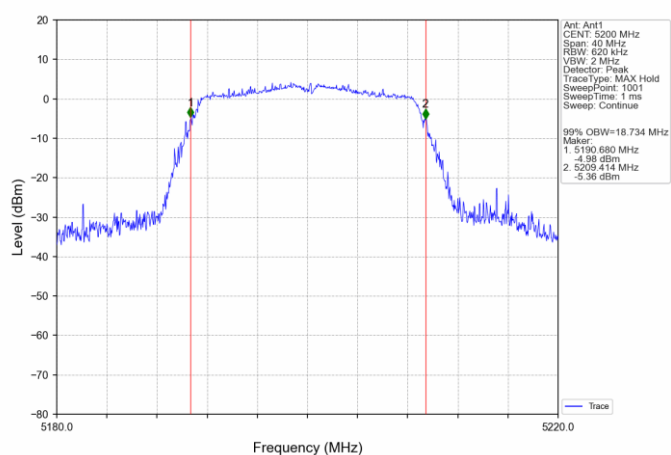
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

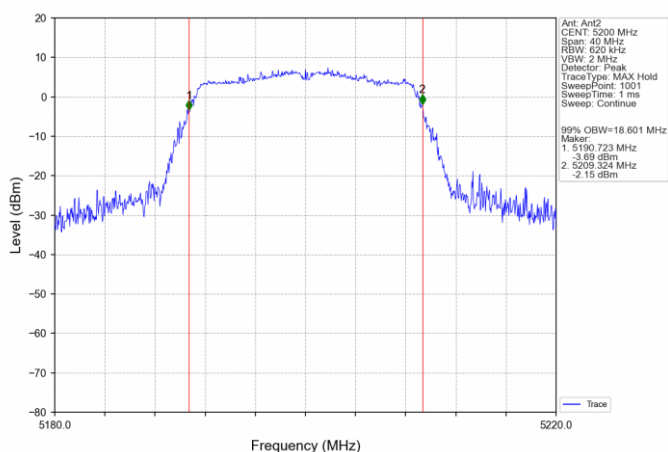


802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

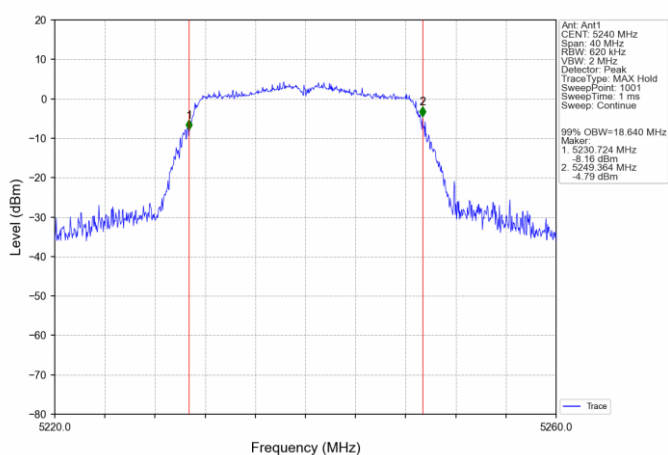




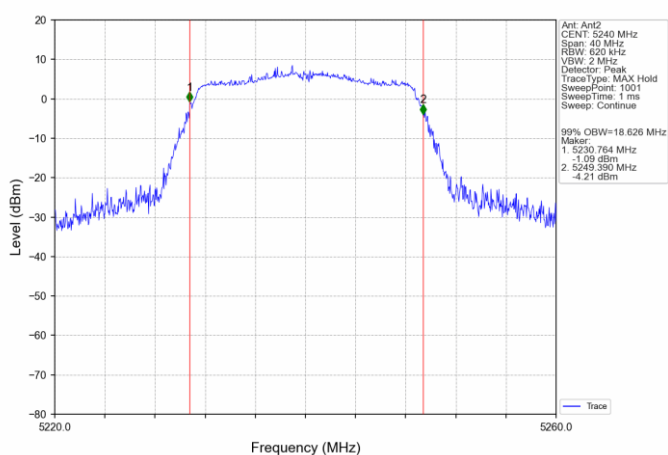
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

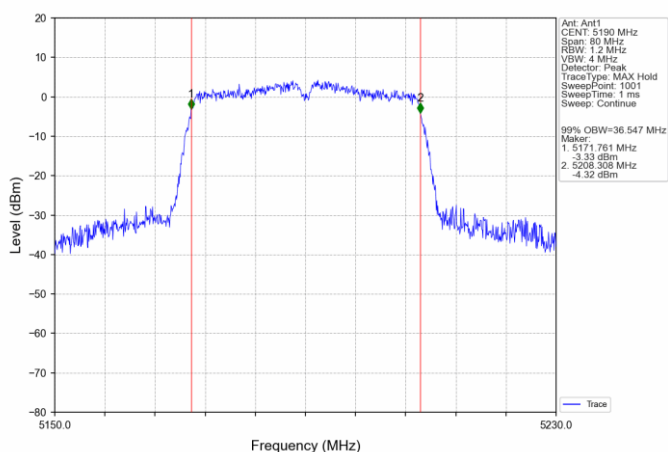


802.11n(HT20)_HCH_5240MHz_Ant2_NTNV

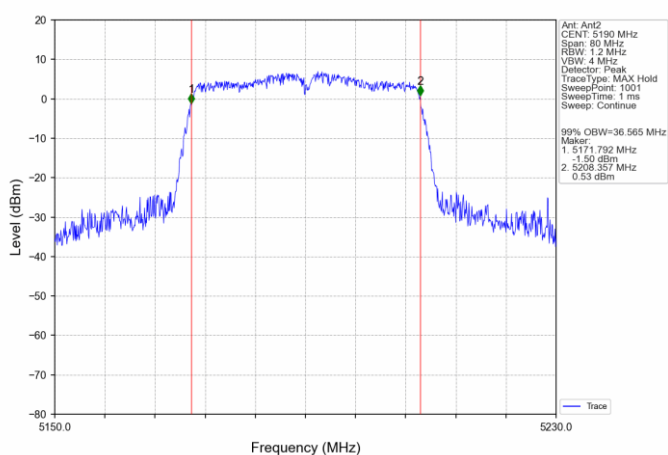




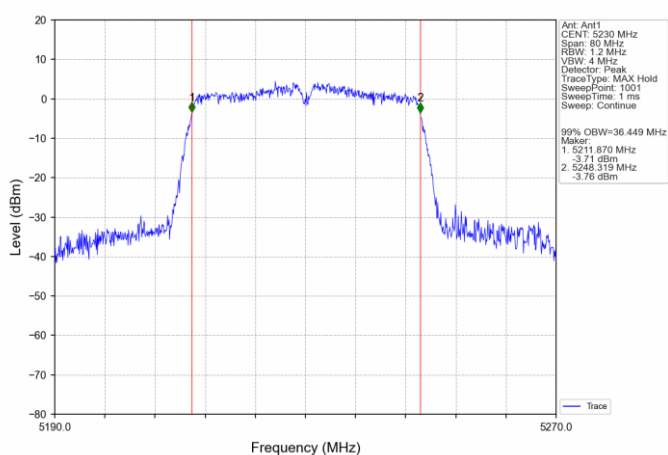
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant2_NTNV

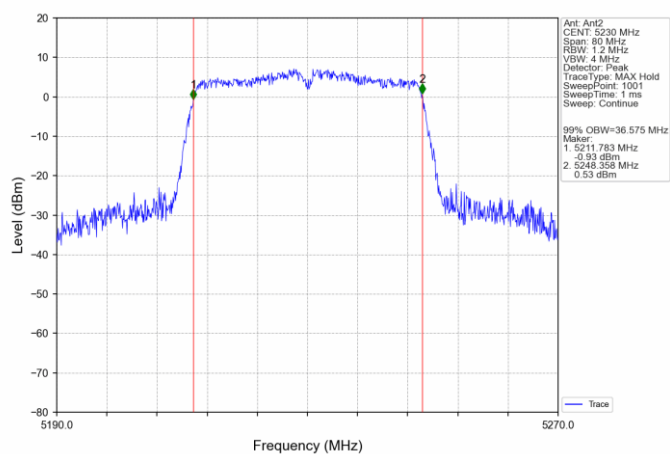


802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

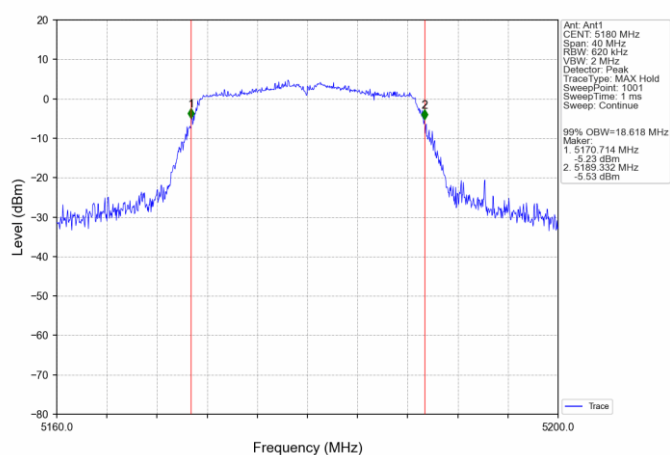




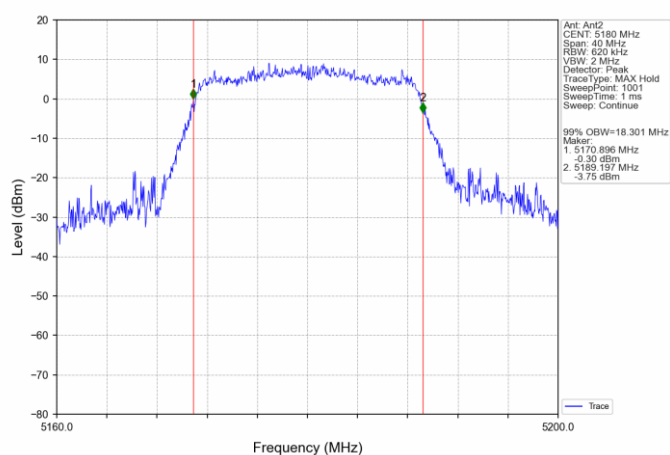
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

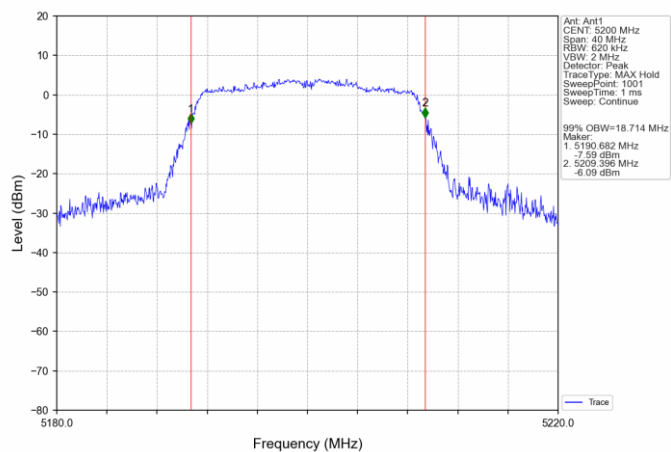


802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

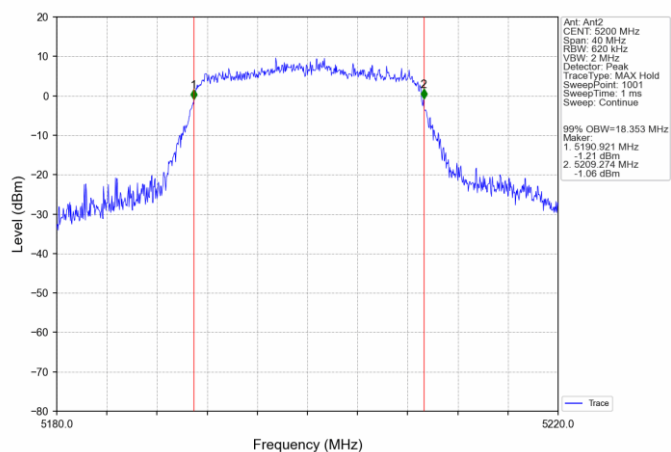




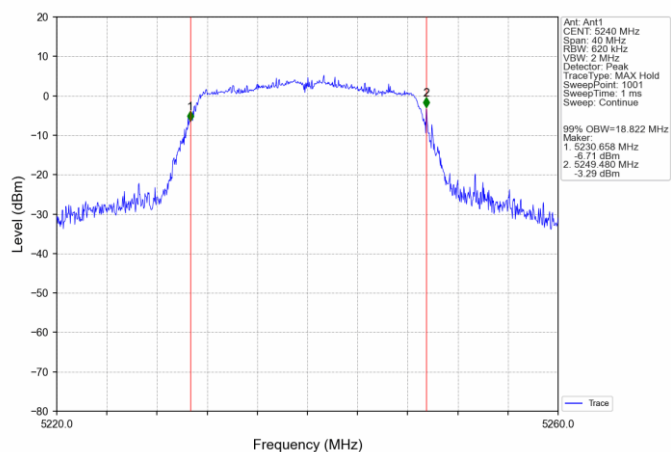
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant2_NTNV

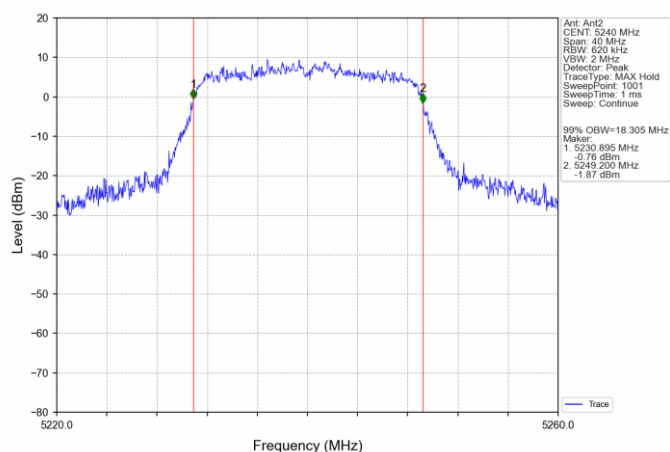


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

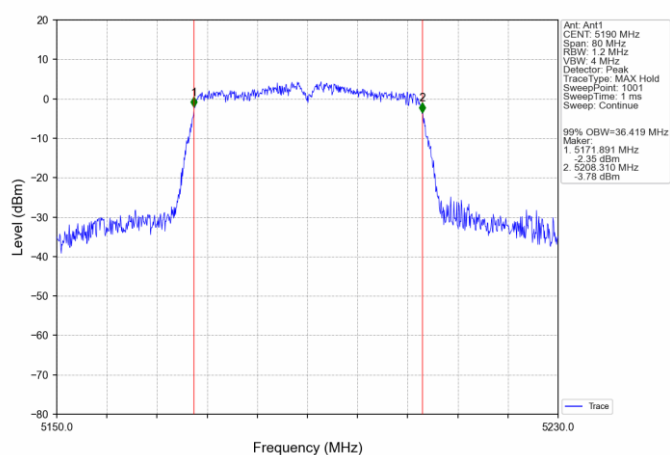




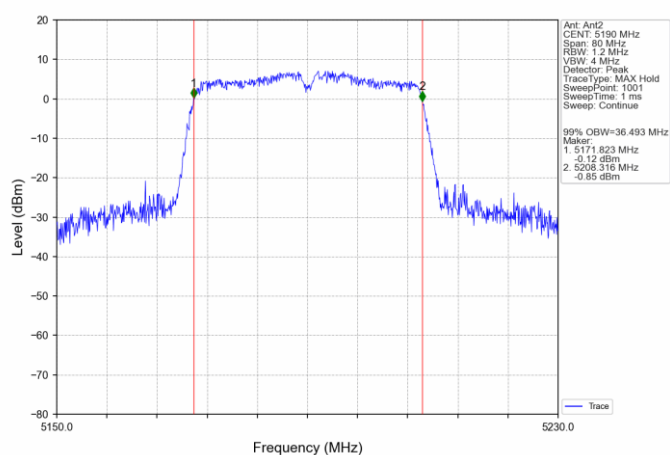
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

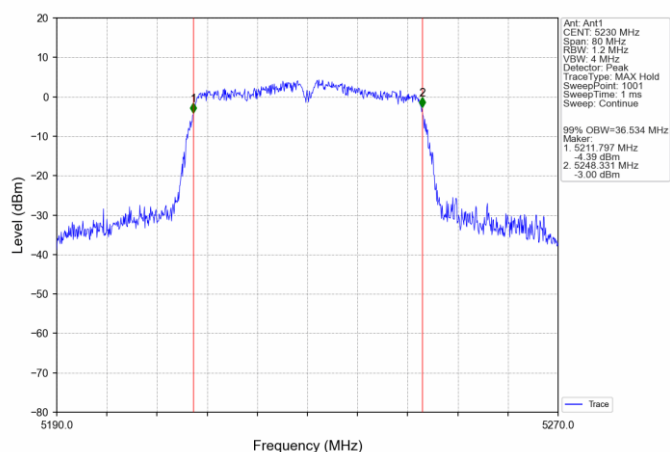


802.11n(HT40)_LCH_5190MHz_Ant2_NTNV

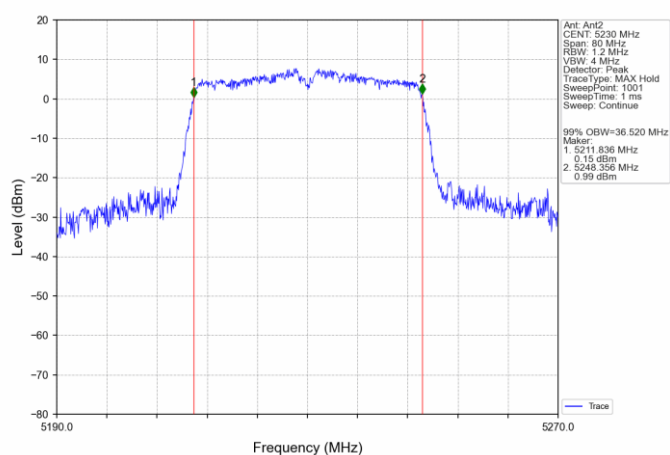




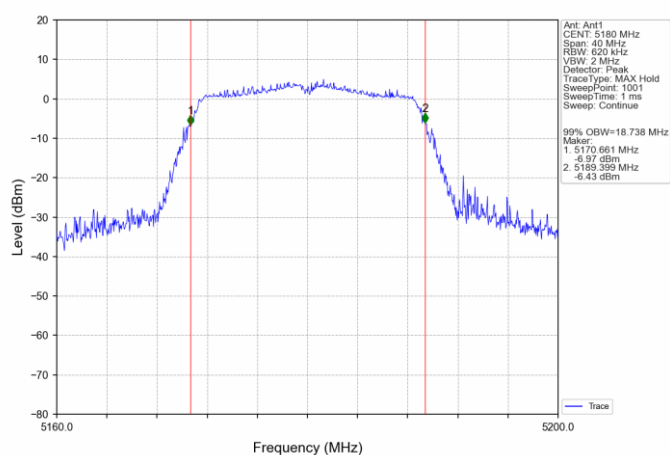
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant2_NTNV

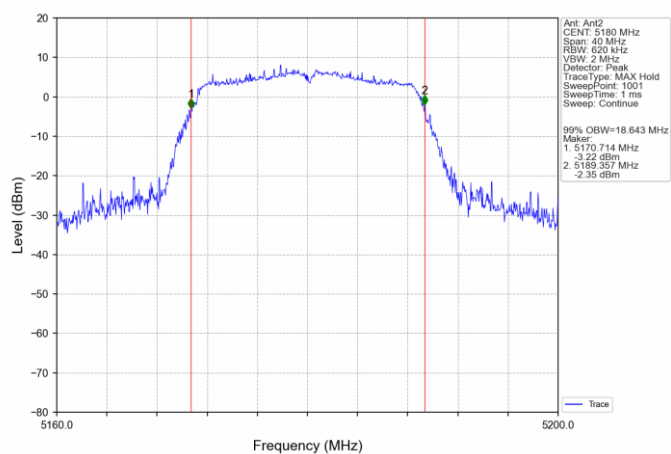


802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

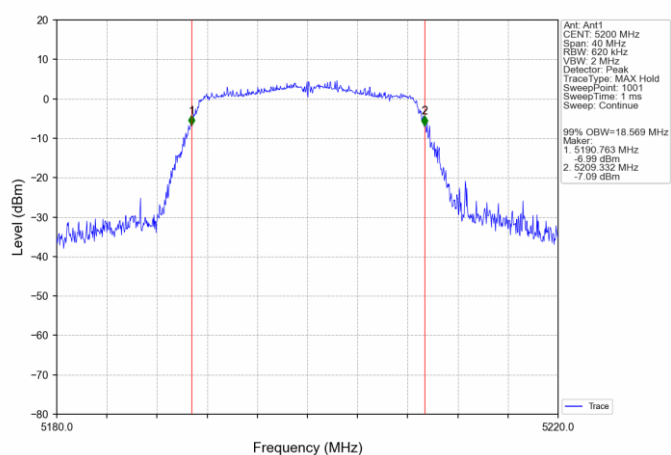




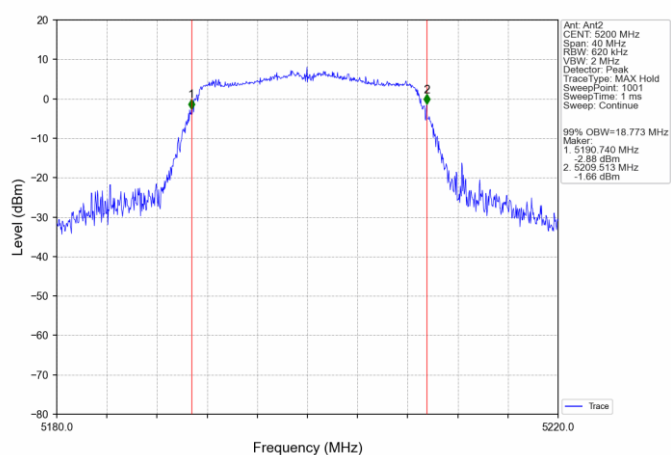
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

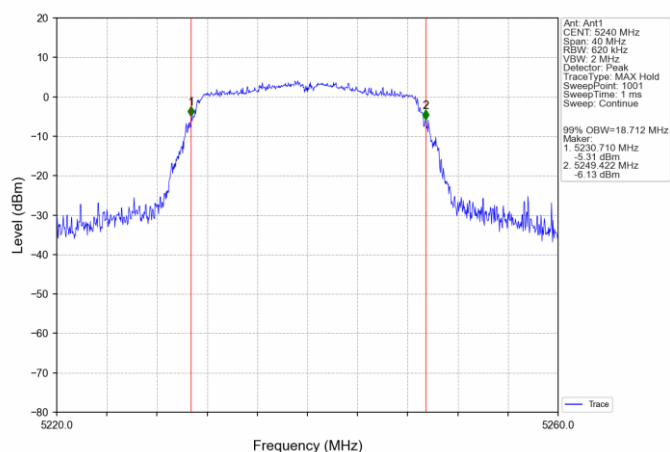


802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

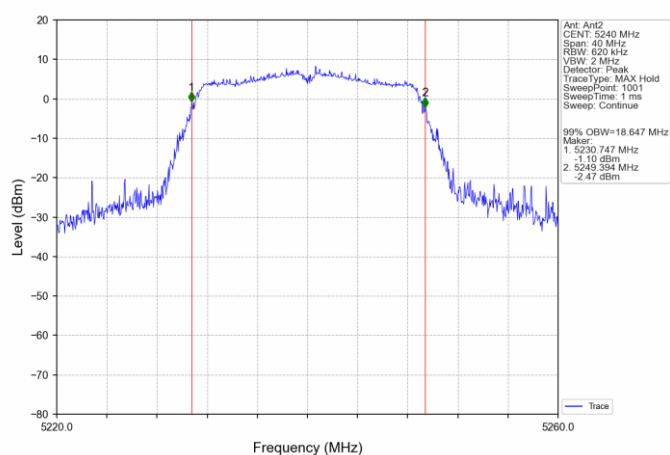




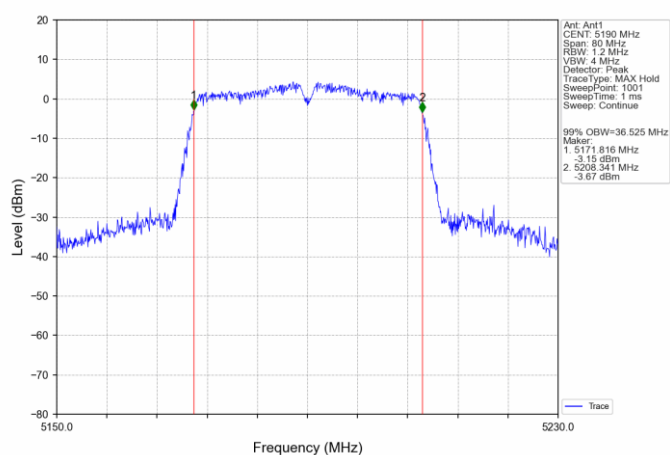
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV

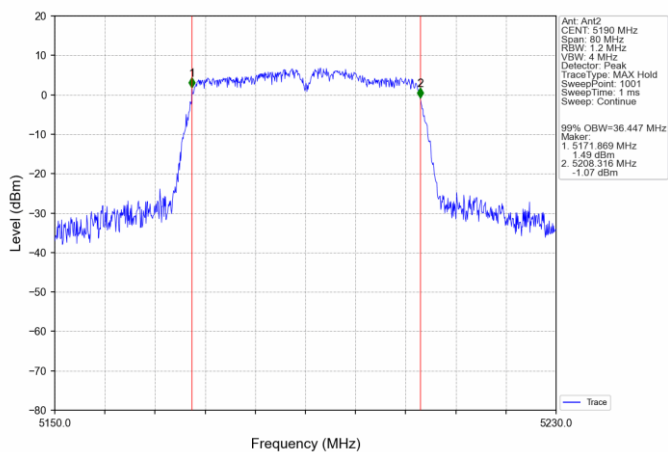


802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

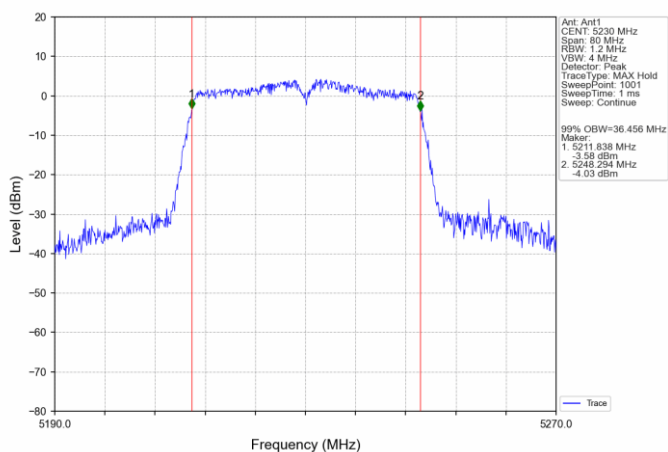




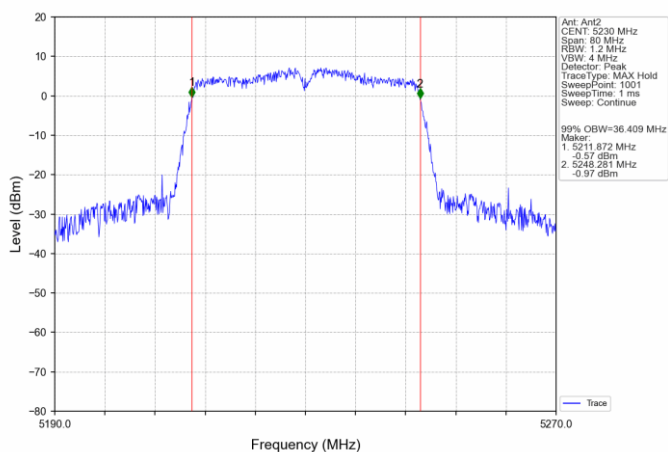
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

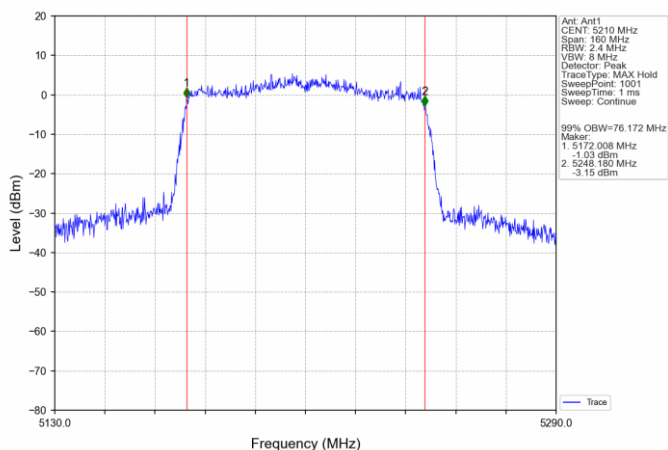


802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV

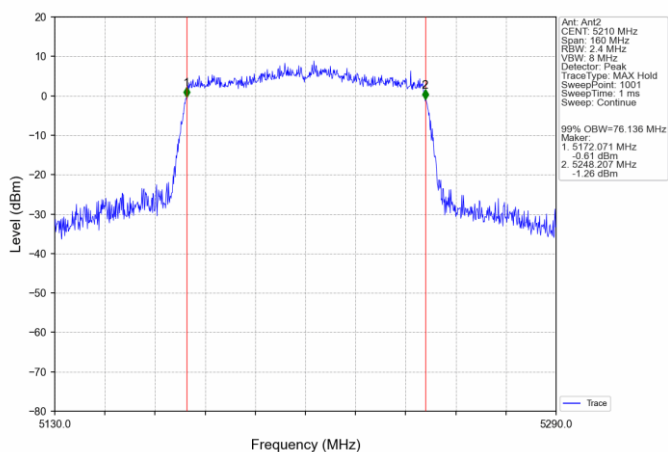




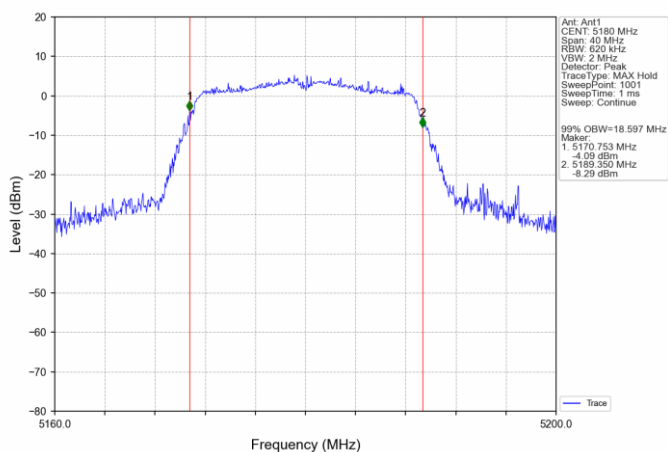
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV

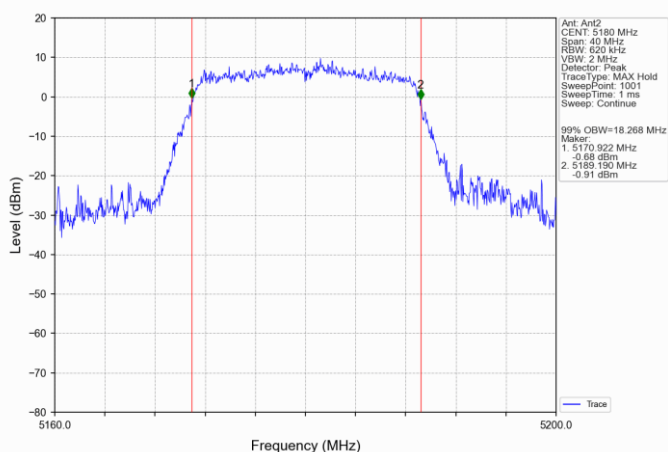


802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

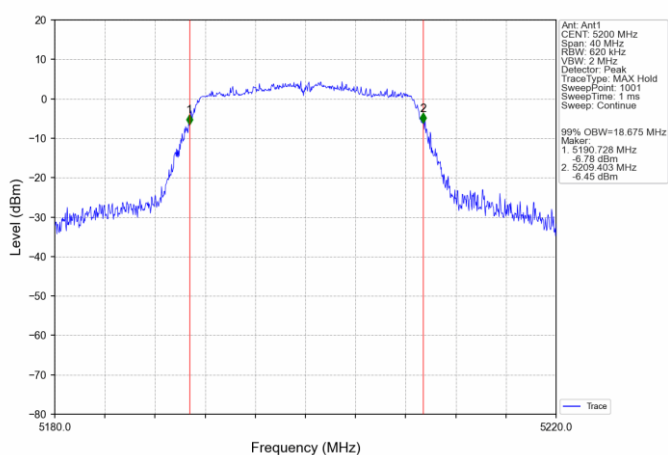




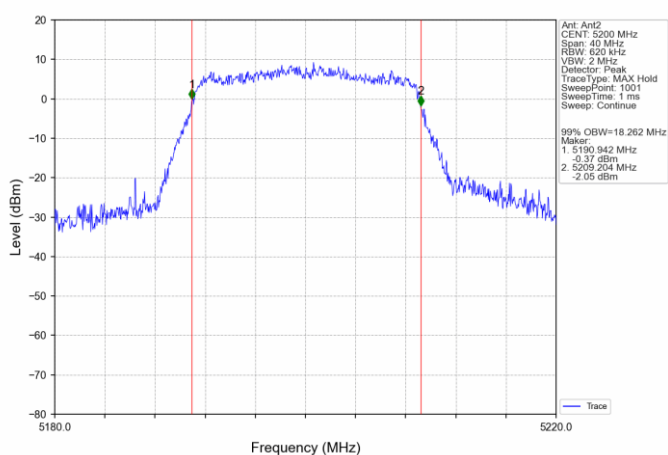
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

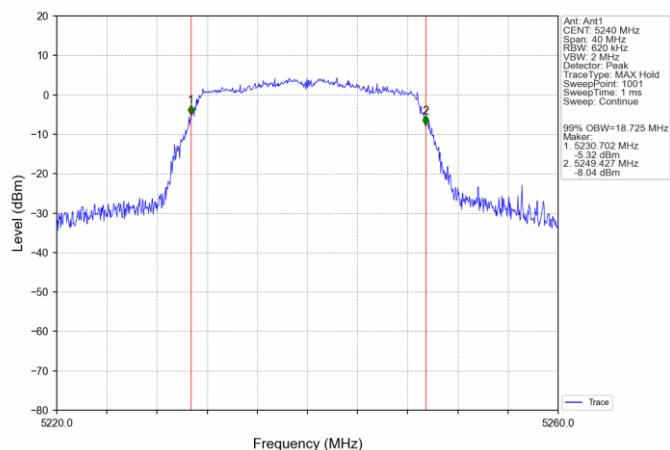


802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

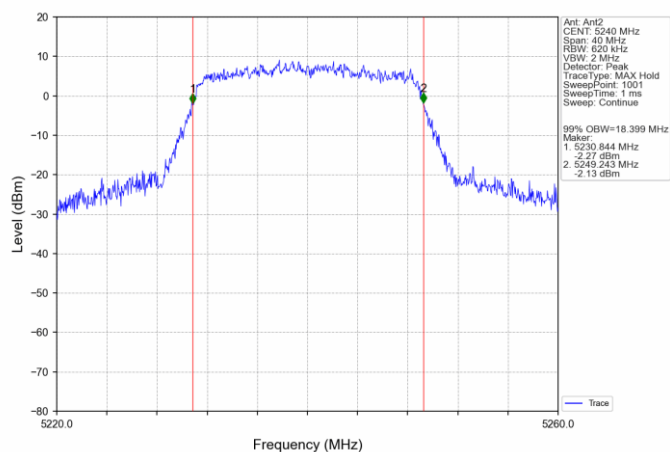




802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

