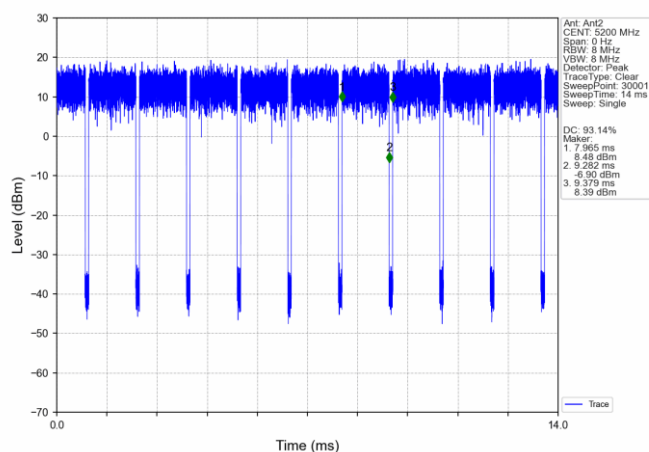
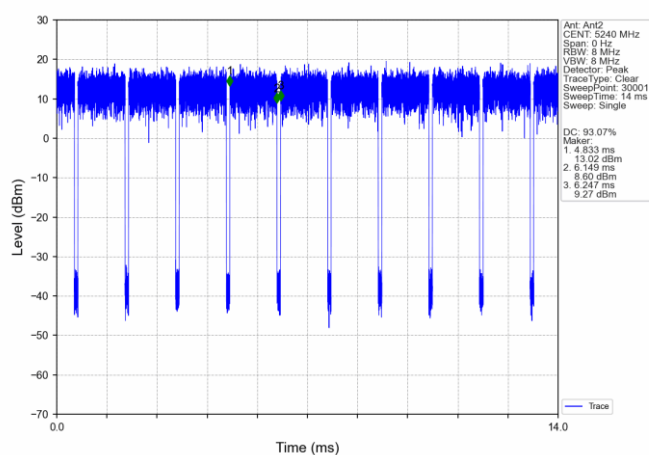




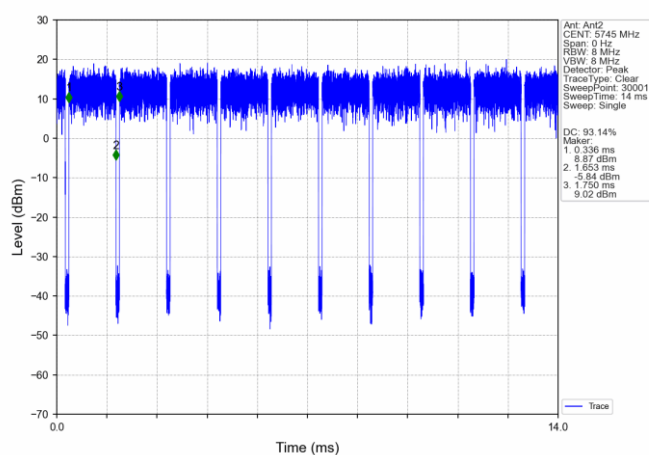
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV

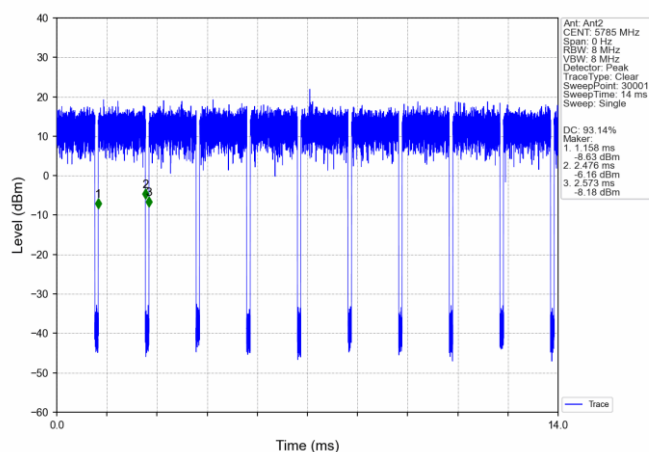


802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV

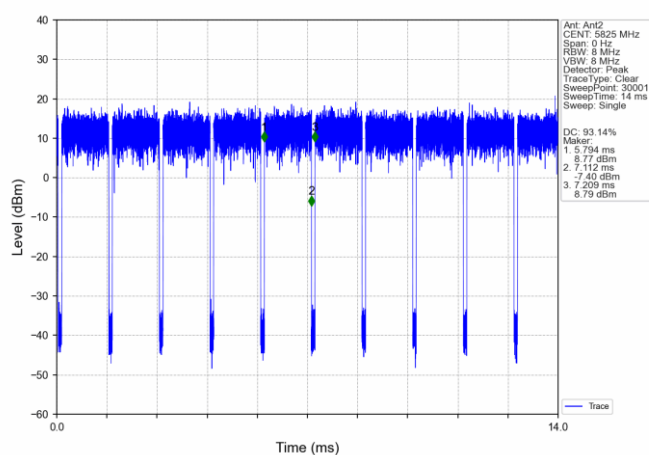




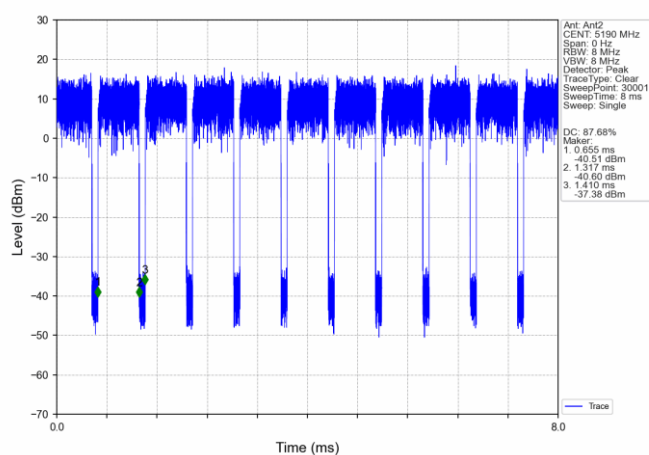
802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV

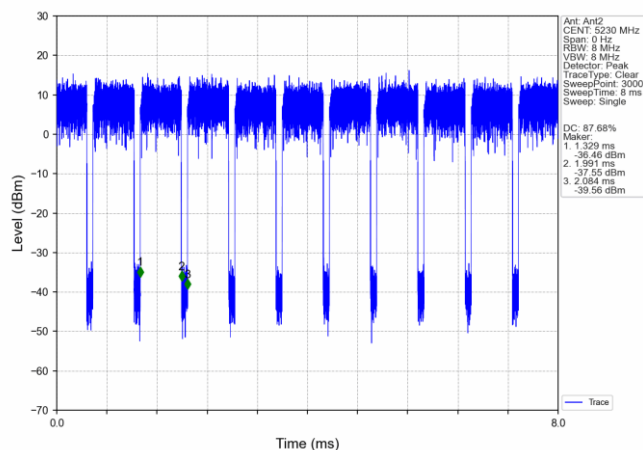


802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV

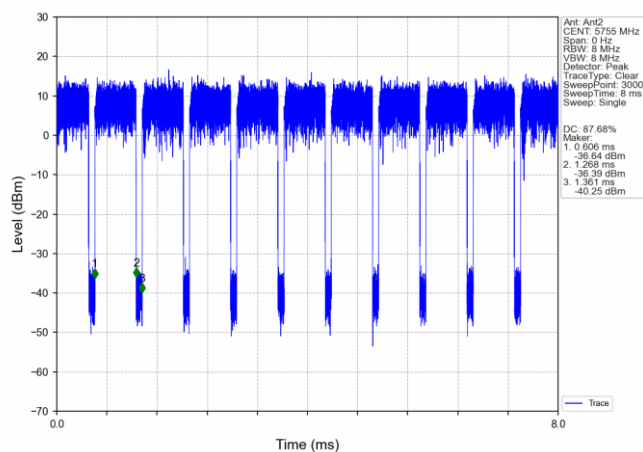




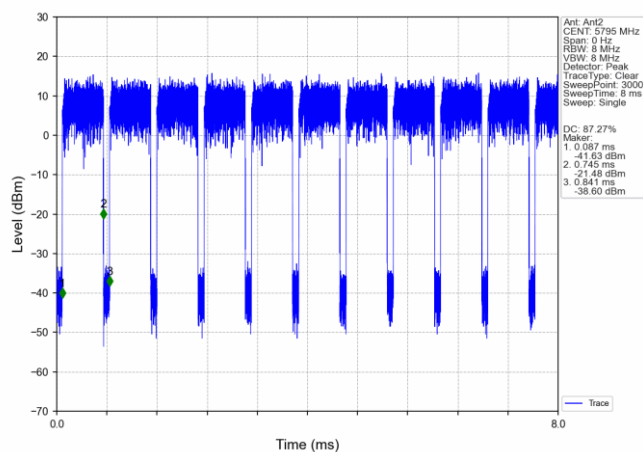
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV

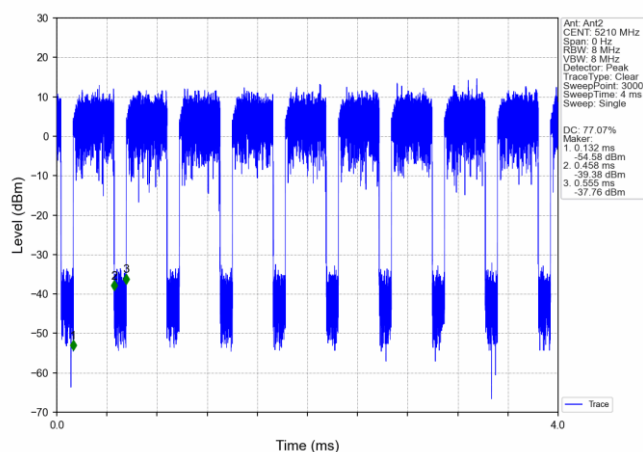


802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV

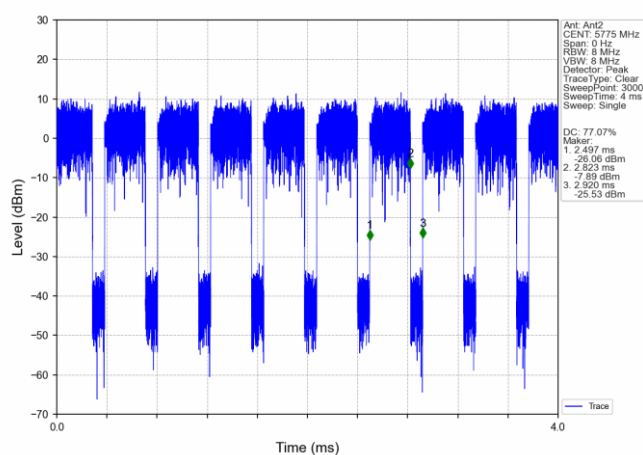




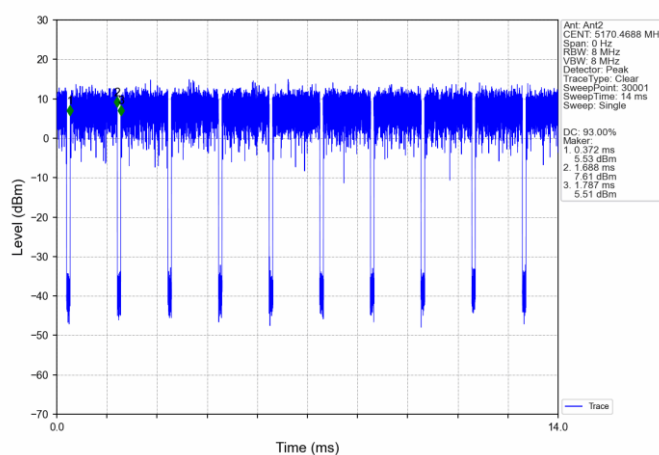
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV

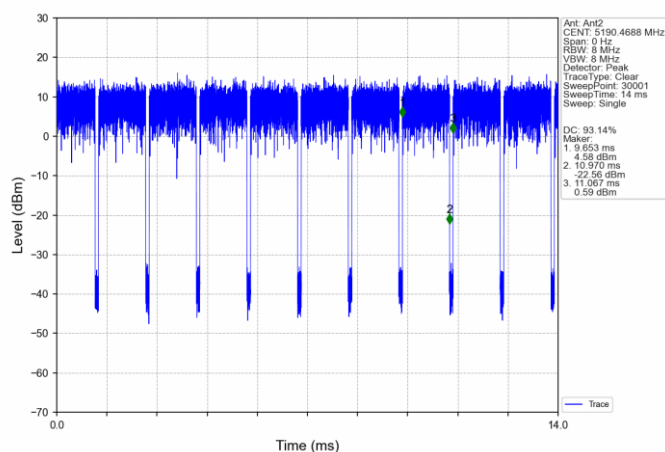


802.11ax(HEW20)_LCH_5180MHz_SU_ / _Ant2_NTNV

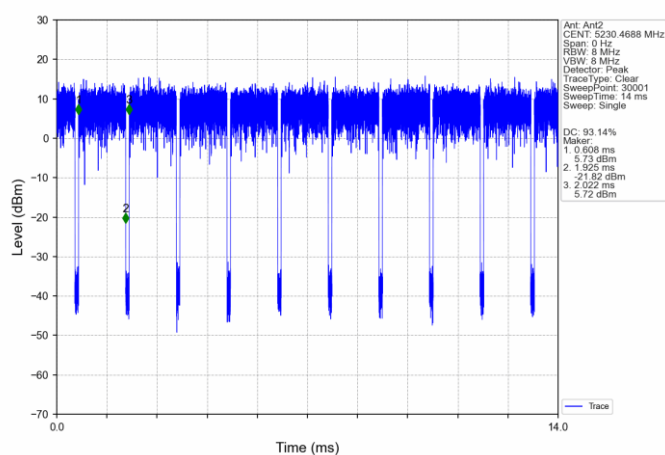




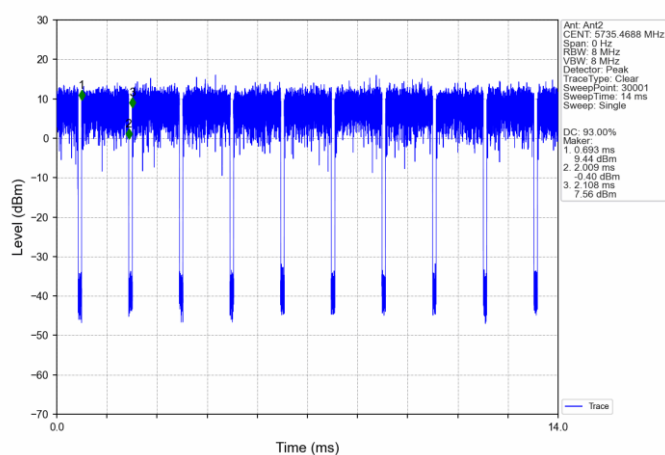
802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant2_NTNV



802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant2_NTNV

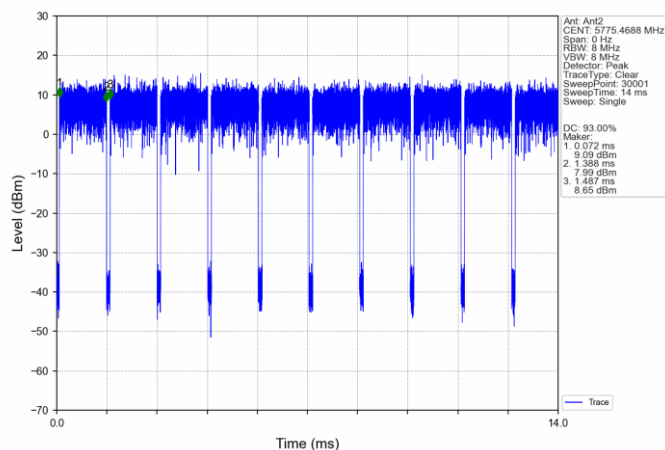


802.11ax(HEW20)_LCH_5745MHz_SU_/_Ant2_NTNV

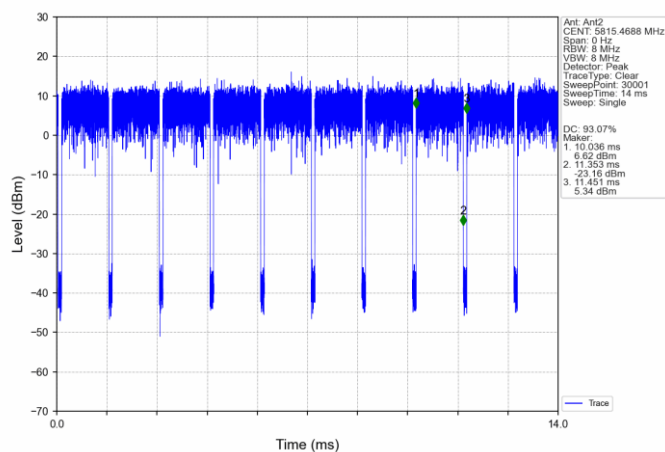




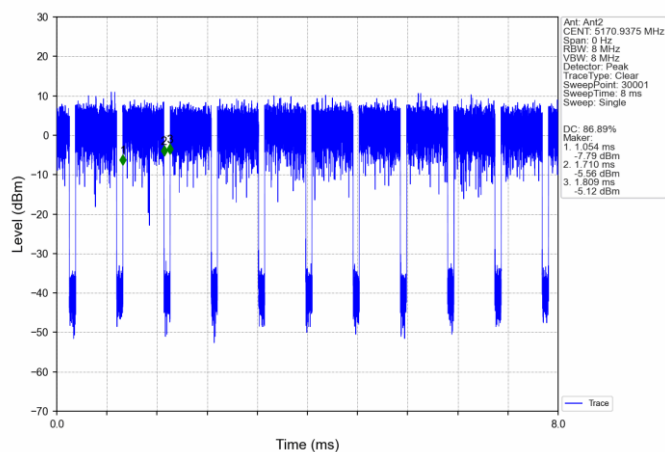
802.11ax(HEW20)_MCH_5785MHz_SU_/_Ant2_NTNV



802.11ax(HEW20)_HCH_5825MHz_SU_/_Ant2_NTNV

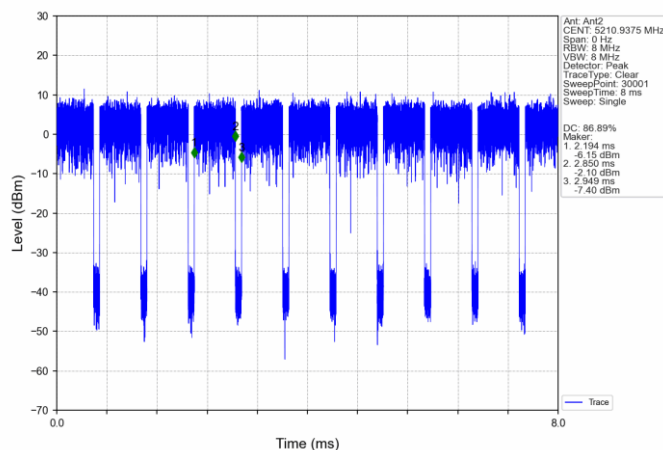


802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant2_NTNV

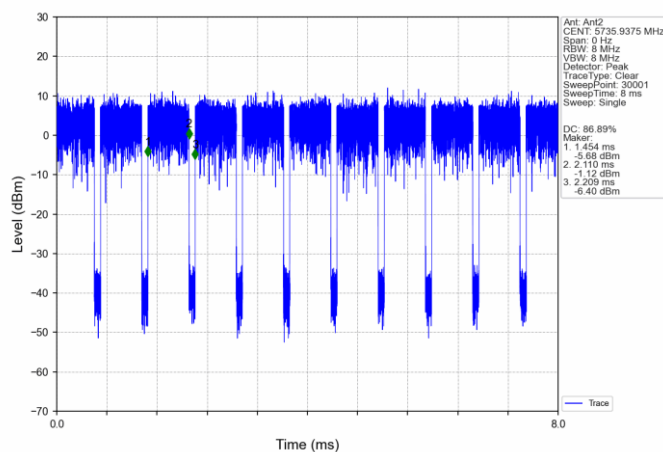




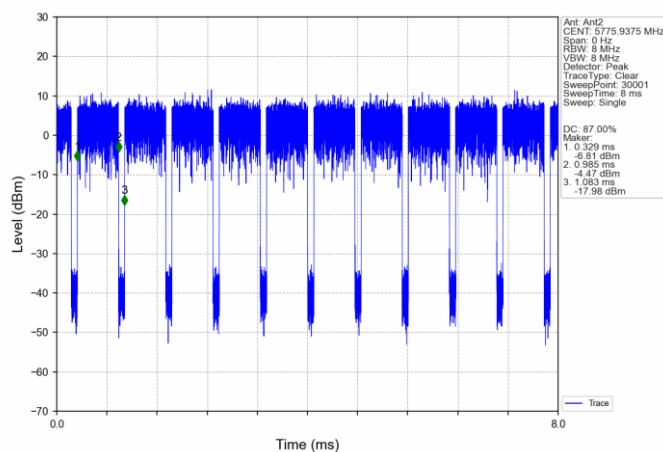
802.11ax(HEW40) HCH 5230MHz SU_ / _Ant2_NTNV



802.11ax(HEW40) LCH 5755MHz SU_ / _Ant2_NTNV

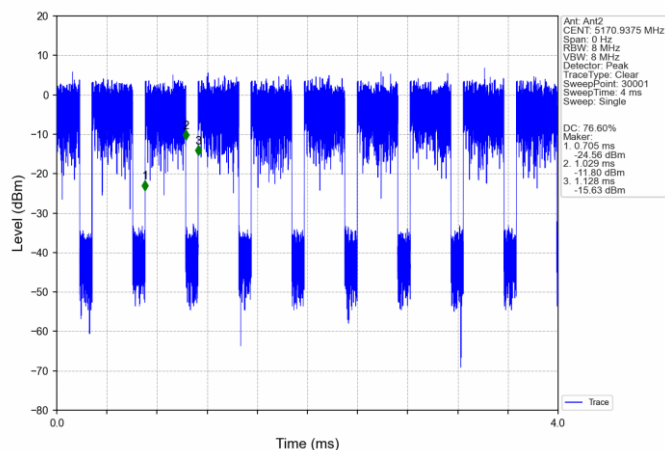


802.11ax(HEW40) HCH 5795MHz SU_ / _Ant2_NTNV

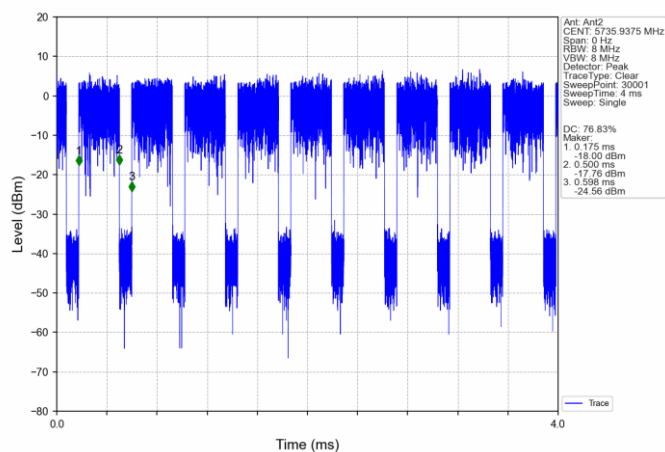




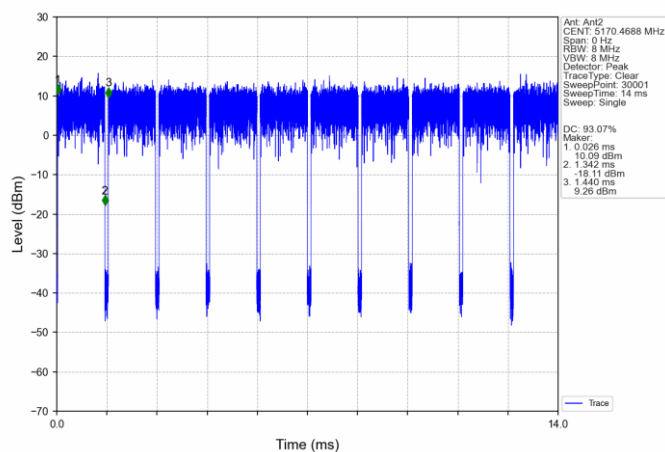
802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant2_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU_/_Ant2_NTNV

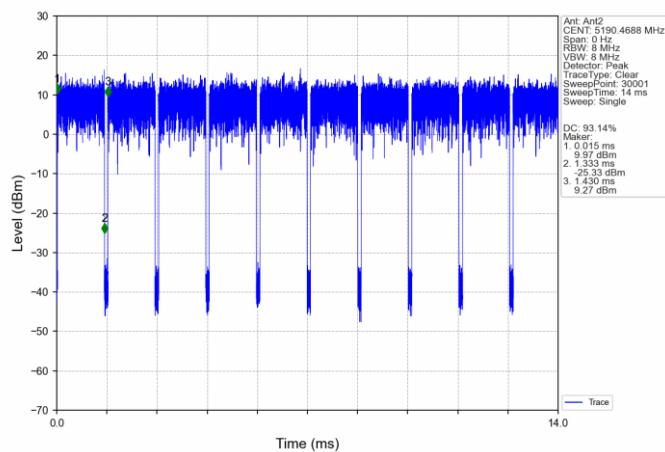


802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant2_NTNV

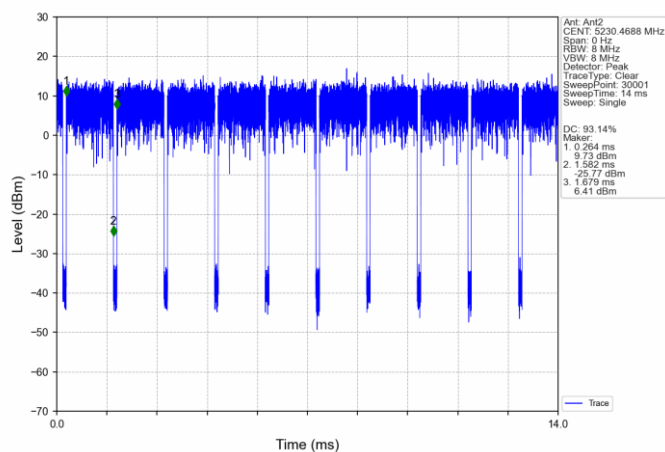




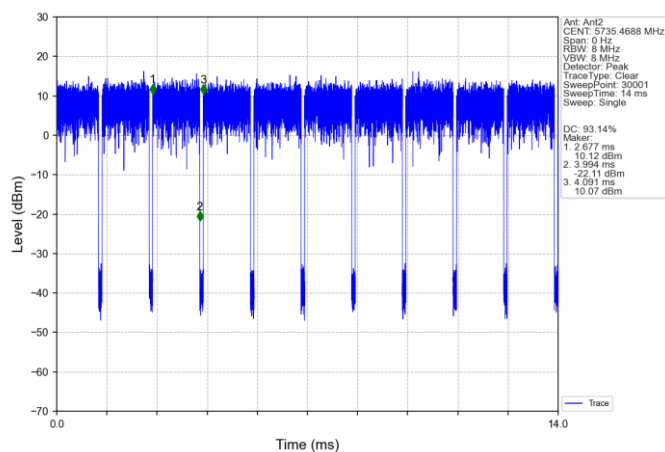
802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant2_NTNV



802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant2_NTNV

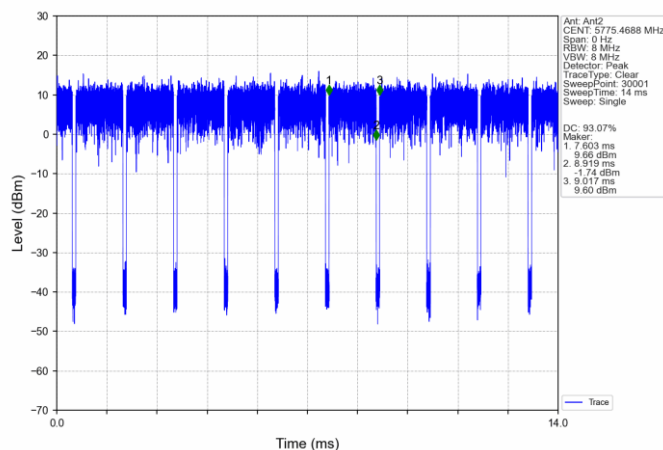


802.11ax(HEW20)_LCH_5745MHz_SU_/_Ant2_NTNV

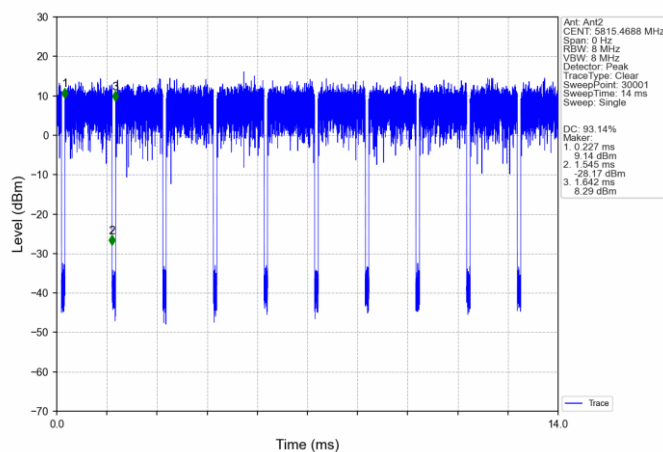




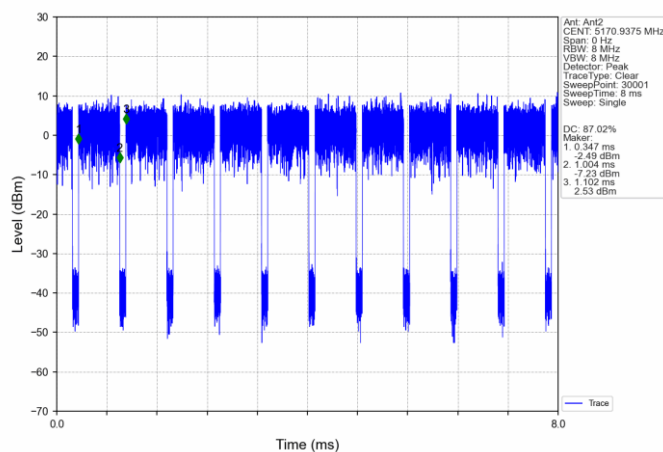
802.11ax(HEW20)_MCH_5785MHz_SU_/_Ant2_NTNV



802.11ax(HEW20)_HCH_5825MHz_SU_/_Ant2_NTNV

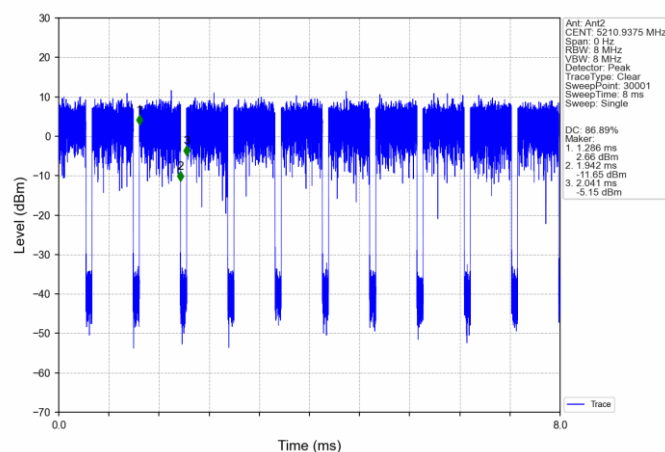


802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant2_NTNV

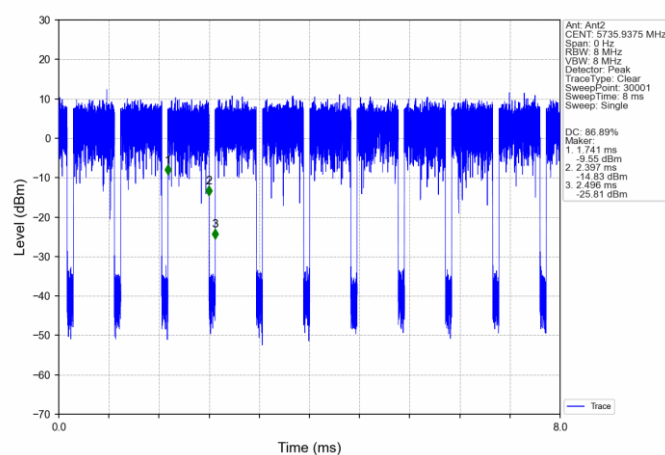




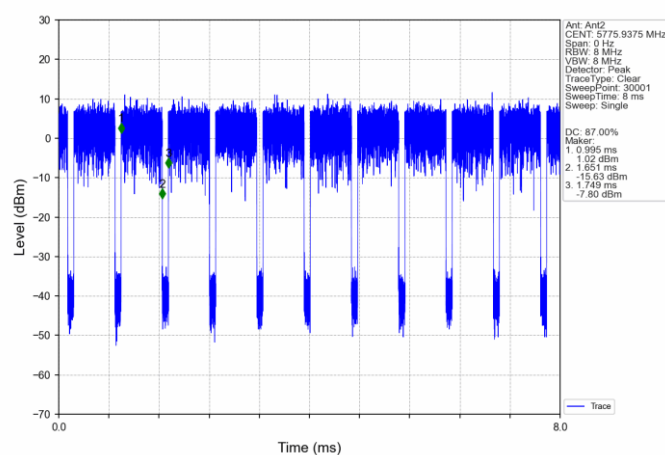
802.11ax(HEW40) HCH 5230MHz SU_ / _Ant2_NTNV



802.11ax(HEW40) LCH 5755MHz SU_ / _Ant2_NTNV

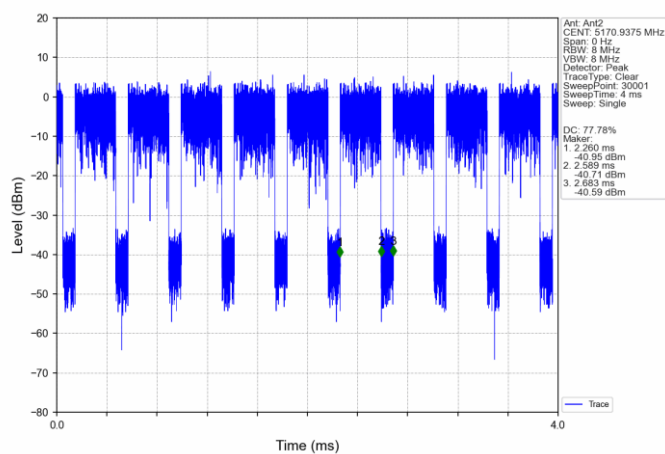


802.11ax(HEW40) HCH 5795MHz SU_ / _Ant2_NTNV

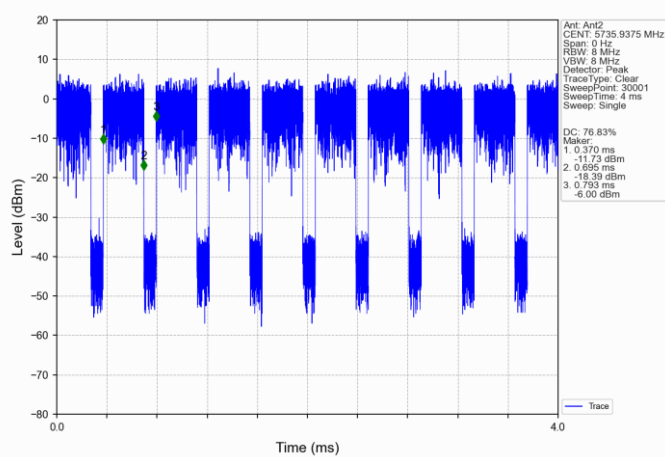




802.11ax(HEW80)_MCH_5210MHz_SU_ / _Ant2_NTNV



802.11ax(HEW80)_MCH_5775MHz_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	17.675	/	Pass
					2	17.670	/	Pass
		5200	/	/	1	17.835	/	Pass
					2	17.850	/	Pass
		5240	/	/	1	17.809	/	Pass
					2	17.874	/	Pass
		5745	/	/	1	18.038	/	Pass
					2	17.807	/	Pass
		5785	/	/	1	17.900	/	Pass
					2	17.786	/	Pass
		5825	/	/	1	17.815	/	Pass
					2	17.870	/	Pass
802.11n (HT20)	SISO	5180	/	/	1	18.515	/	Pass
					2	18.627	/	Pass
		5200	/	/	1	18.814	/	Pass
					2	18.874	/	Pass
		5240	/	/	1	18.812	/	Pass
					2	18.784	/	Pass
		5745	/	/	1	18.842	/	Pass
					2	18.818	/	Pass
		5785	/	/	1	18.730	/	Pass
					2	18.735	/	Pass
		5825	/	/	1	18.763	/	Pass
					2	18.768	/	Pass
802.11n (HT40)	SISO	5190	/	/	1	36.370	/	Pass
					2	36.395	/	Pass
		5230	/	/	1	36.634	/	Pass
					2	36.600	/	Pass
		5755	/	/	1	36.702	/	Pass
					2	36.648	/	Pass
		5795	/	/	1	36.470	/	Pass
					2	36.614	/	Pass
802.11n (HT20)	MIMO	5180	/	/	1	18.616	/	Pass
					2	18.251	/	Pass



		5200	/	/	1	18.730	/	Pass
					2	18.408	/	Pass
		5240	/	/	1	18.781	/	Pass
					2	18.421	/	Pass
		5745	/	/	1	18.898	/	Pass
					2	18.404	/	Pass
		5785	/	/	1	18.689	/	Pass
					2	18.421	/	Pass
		5825	/	/	1	18.728	/	Pass
					2	18.410	/	Pass
802.11n (HT40)	MIMO	5190	/	/	1	36.404	/	Pass
					2	36.303	/	Pass
		5230	/	/	1	36.643	/	Pass
					2	36.619	/	Pass
		5755	/	/	1	36.654	/	Pass
					2	36.604	/	Pass
		5795	/	/	1	36.568	/	Pass
					2	36.469	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	18.647	/	Pass
					2	18.584	/	Pass
		5200	/	/	1	18.781	/	Pass
					2	18.858	/	Pass
		5240	/	/	1	18.823	/	Pass
					2	18.745	/	Pass
		5745	/	/	1	18.828	/	Pass
					2	18.738	/	Pass
		5785	/	/	1	18.750	/	Pass
					2	18.673	/	Pass
		5825	/	/	1	18.633	/	Pass
					2	18.741	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	1	36.525	/	Pass
					2	36.341	/	Pass
		5230	/	/	1	36.723	/	Pass
					2	36.659	/	Pass
		5755	/	/	1	36.645	/	Pass
					2	36.604	/	Pass
		5795	/	/	1	36.601	/	Pass
					2	36.585	/	Pass
802.11ac	SISO	5210	/	/	1	75.884	/	Pass



(VHT80)					2	76.041	/	Pass
		5775	/	/	1	76.512	/	Pass
					2	76.373	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	18.634	/	Pass
					2	18.216	/	Pass
		5200	/	/	1	18.732	/	Pass
					2	18.480	/	Pass
		5240	/	/	1	18.754	/	Pass
					2	18.389	/	Pass
		5745	/	/	1	18.800	/	Pass
					2	18.389	/	Pass
		5785	/	/	1	18.804	/	Pass
					2	18.373	/	Pass
		5825	/	/	1	18.712	/	Pass
					2	18.407	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	36.334	/	Pass
					2	36.273	/	Pass
		5230	/	/	1	36.729	/	Pass
					2	36.588	/	Pass
		5755	/	/	1	36.791	/	Pass
					2	36.635	/	Pass
		5795	/	/	1	36.573	/	Pass
					2	36.543	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	75.999	/	Pass
					2	75.875	/	Pass
		5775	/	/	1	76.440	/	Pass
					2	76.239	/	Pass
802.11ax (HEW20)	SISO	5180	SU	/	1	18.588	/	Pass
					2	18.619	/	Pass
		5200	SU	/	1	18.744	/	Pass
					2	18.813	/	Pass
		5240	SU	/	1	18.781	/	Pass
					2	18.778	/	Pass
		5745	SU	/	1	18.806	/	Pass
					2	18.741	/	Pass
		5785	SU	/	1	18.802	/	Pass
					2	18.766	/	Pass
		5825	SU	/	1	18.782	/	Pass
					2	18.763	/	Pass



802.11ax (HEW40)	SISO	5190	SU	/	1	36.382	/	Pass
					2	36.462	/	Pass
		5230	SU	/	1	36.658	/	Pass
					2	36.579	/	Pass
		5755	SU	/	1	36.742	/	Pass
					2	36.631	/	Pass
802.11ax (HEW80)	SISO	5210	SU	/	1	36.512	/	Pass
					2	36.512	/	Pass
		5775	SU	/	1	75.966	/	Pass
					2	75.936	/	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	1	76.404	/	Pass
					2	76.340	/	Pass
		5200	SU	/	1	18.709	/	Pass
					2	18.242	/	Pass
		5240	SU	/	1	18.817	/	Pass
					2	18.409	/	Pass
		5745	SU	/	1	18.717	/	Pass
					2	18.463	/	Pass
		5785	SU	/	1	18.812	/	Pass
					2	18.443	/	Pass
		5825	SU	/	1	18.699	/	Pass
					2	18.410	/	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	1	18.746	/	Pass
					2	18.425	/	Pass
		5230	SU	/	1	36.368	/	Pass
					2	36.265	/	Pass
		5755	SU	/	1	36.724	/	Pass
					2	36.532	/	Pass
		5795	SU	/	1	36.758	/	Pass
					2	36.634	/	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	1	36.452	/	Pass
					2	36.589	/	Pass
		5775	SU	/	1	76.073	/	Pass
					2	75.745	/	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	23.420	/	Pass
					2	21.684	/	Pass
		5200	/	/	1	21.859	/	Pass
					2	21.803	/	Pass
		5240	/	/	1	21.742	/	Pass
					2	21.842	/	Pass
802.11n (HT20)	SISO	5180	/	/	1	21.885	/	Pass
					2	21.802	/	Pass
		5200	/	/	1	22.251	/	Pass
					2	22.091	/	Pass
		5240	/	/	1	21.915	/	Pass
					2	21.996	/	Pass
802.11n (HT40)	SISO	5190	/	/	1	40.103	/	Pass
					2	40.588	/	Pass
		5230	/	/	1	40.409	/	Pass
					2	40.190	/	Pass
802.11n (HT20)	MIMO	5180	/	/	1	21.701	/	Pass
					2	21.493	/	Pass
		5200	/	/	1	22.080	/	Pass
					2	21.738	/	Pass
		5240	/	/	1	22.099	/	Pass
					2	21.765	/	Pass
802.11n (HT40)	MIMO	5190	/	/	1	40.259	/	Pass
					2	39.614	/	Pass
		5230	/	/	1	40.769	/	Pass
					2	39.969	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	21.756	/	Pass
					2	21.886	/	Pass
		5200	/	/	1	22.040	/	Pass
					2	22.158	/	Pass
		5240	/	/	1	22.023	/	Pass
					2	21.874	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	1	40.639	/	Pass
					2	40.164	/	Pass
		5230	/	/	1	40.305	/	Pass
					2	40.245	/	Pass
802.11ac (VHT80)	SISO	5210	/	/	1	81.704	/	Pass
					2	81.884	/	Pass
802.11ac	MIMO	5180	/	/	1	21.966	/	Pass



(VHT20)					2	21.454	/	Pass
		5200	/	/	1	22.010	/	Pass
					2	21.698	/	Pass
		5240	/	/	1	22.127	/	Pass
					2	21.666	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	40.120	/	Pass
					2	40.094	/	Pass
		5230	/	/	1	40.599	/	Pass
					2	40.259	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	81.918	/	Pass
					2	81.474	/	Pass
802.11ax (HEW20)	SISO	5180	SU	/	1	21.977	/	Pass
					2	21.759	/	Pass
		5200	SU	/	1	22.046	/	Pass
					2	22.054	/	Pass
		5240	SU	/	1	22.073	/	Pass
					2	22.194	/	Pass
802.11ax (HEW40)	SISO	5190	SU	/	1	40.166	/	Pass
					2	40.236	/	Pass
		5230	SU	/	1	40.558	/	Pass
					2	40.420	/	Pass
802.11ax (HEW80)	SISO	5210	SU	/	1	81.871	/	Pass
					2	81.106	/	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	1	21.834	/	Pass
					2	21.436	/	Pass
		5200	SU	/	1	22.093	/	Pass
					2	21.475	/	Pass
		5240	SU	/	1	22.221	/	Pass
					2	21.676	/	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	1	40.121	/	Pass
					2	39.680	/	Pass
		5230	SU	/	1	40.515	/	Pass
					2	40.245	/	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	1	81.482	/	Pass
					2	81.355	/	Pass

2.1.3 6dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	16.418	>=0.5	Pass



		5785	/	/	2	16.399	≥ 0.5	Pass
					1	16.421	≥ 0.5	Pass
					2	16.427	≥ 0.5	Pass
		5825	/	/	1	16.410	≥ 0.5	Pass
					2	16.411	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	/	/	1	17.620	≥ 0.5	Pass
					2	17.645	≥ 0.5	Pass
		5785	/	/	1	17.600	≥ 0.5	Pass
					2	17.622	≥ 0.5	Pass
		5825	/	/	1	17.673	≥ 0.5	Pass
					2	17.651	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	/	/	1	36.371	≥ 0.5	Pass
					2	36.388	≥ 0.5	Pass
		5795	/	/	1	35.795	≥ 0.5	Pass
					2	36.312	≥ 0.5	Pass
802.11n (HT20)	MIMO	5745	/	/	1	17.624	≥ 0.5	Pass
					2	17.694	≥ 0.5	Pass
		5785	/	/	1	17.632	≥ 0.5	Pass
					2	17.664	≥ 0.5	Pass
		5825	/	/	1	17.640	≥ 0.5	Pass
					2	17.632	≥ 0.5	Pass
802.11n (HT40)	MIMO	5755	/	/	1	36.354	≥ 0.5	Pass
					2	36.397	≥ 0.5	Pass
		5795	/	/	1	35.825	≥ 0.5	Pass
					2	36.343	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	17.628	≥ 0.5	Pass
					2	17.708	≥ 0.5	Pass
		5785	/	/	1	17.637	≥ 0.5	Pass
					2	17.613	≥ 0.5	Pass
		5825	/	/	1	17.624	≥ 0.5	Pass
					2	17.643	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	36.383	≥ 0.5	Pass
					2	36.394	≥ 0.5	Pass
		5795	/	/	1	36.110	≥ 0.5	Pass
					2	36.328	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	/	/	1	76.029	≥ 0.5	Pass
					2	75.742	≥ 0.5	Pass
802.11ac (VHT20)	MIMO	5745	/	/	1	17.625	≥ 0.5	Pass
					2	17.665	≥ 0.5	Pass



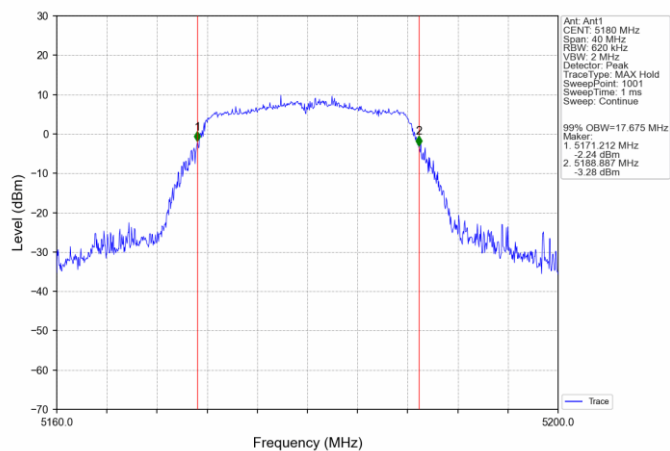
		5785	/	/	1	17.653	≥ 0.5	Pass
					2	17.664	≥ 0.5	Pass
		5825	/	/	1	17.626	≥ 0.5	Pass
					2	17.669	≥ 0.5	Pass
802.11ac (VHT40)	MIMO	5755	/	/	1	36.379	≥ 0.5	Pass
					2	36.387	≥ 0.5	Pass
		5795	/	/	1	36.322	≥ 0.5	Pass
					2	36.356	≥ 0.5	Pass
802.11ac (VHT80)	MIMO	5775	/	/	1	75.928	≥ 0.5	Pass
					2	76.366	≥ 0.5	Pass
802.11ax (HEW20)	SISO	5745	SU	/	1	17.627	≥ 0.5	Pass
					2	17.627	≥ 0.5	Pass
		5785	SU	/	1	17.650	≥ 0.5	Pass
					2	17.642	≥ 0.5	Pass
		5825	SU	/	1	17.597	≥ 0.5	Pass
					2	17.649	≥ 0.5	Pass
802.11ax (HEW40)	SISO	5755	SU	/	1	36.355	≥ 0.5	Pass
					2	36.374	≥ 0.5	Pass
		5795	SU	/	1	36.072	≥ 0.5	Pass
					2	36.355	≥ 0.5	Pass
802.11ax (HEW80)	SISO	5775	SU	/	1	75.421	≥ 0.5	Pass
					2	75.809	≥ 0.5	Pass
802.11ax (HEW20)	MIMO	5745	SU	/	1	17.629	≥ 0.5	Pass
					2	17.674	≥ 0.5	Pass
		5785	SU	/	1	17.613	≥ 0.5	Pass
					2	17.655	≥ 0.5	Pass
		5825	SU	/	1	17.663	≥ 0.5	Pass
					2	17.673	≥ 0.5	Pass
802.11ax (HEW40)	MIMO	5755	SU	/	1	36.376	≥ 0.5	Pass
					2	36.400	≥ 0.5	Pass
		5795	SU	/	1	36.331	≥ 0.5	Pass
					2	36.391	≥ 0.5	Pass
802.11ax (HEW80)	MIMO	5775	SU	/	1	75.933	≥ 0.5	Pass
					2	76.329	≥ 0.5	Pass



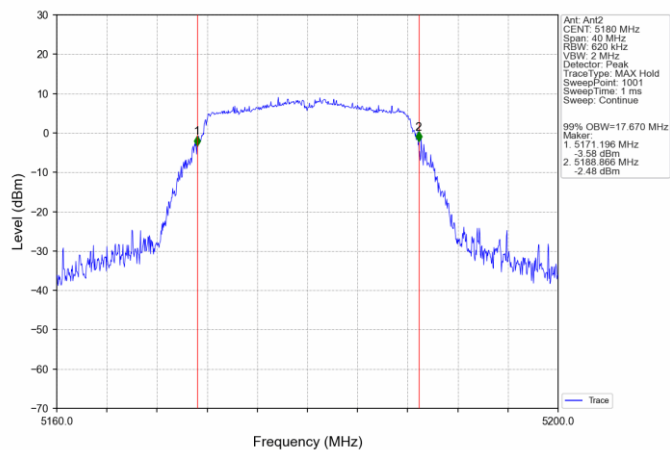
2.2 Test Graph

2.2.1 OBW

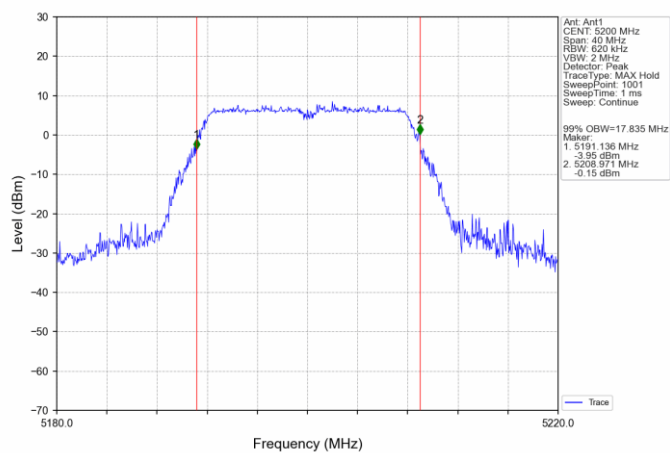
802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_LCH_5180MHz_Ant2_NTNV

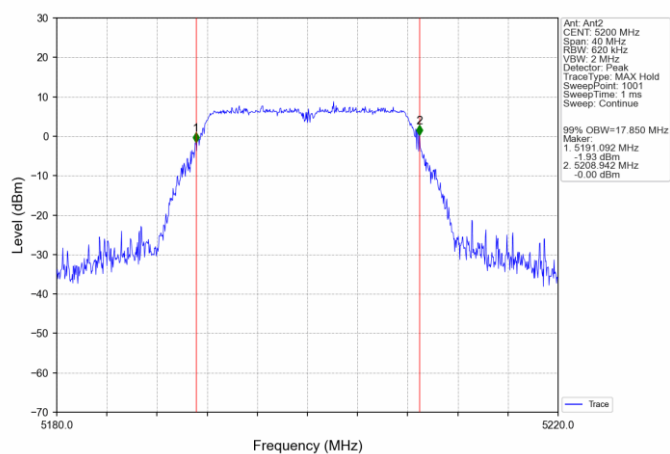


802.11a_MCH_5200MHz_Ant1_NTNV

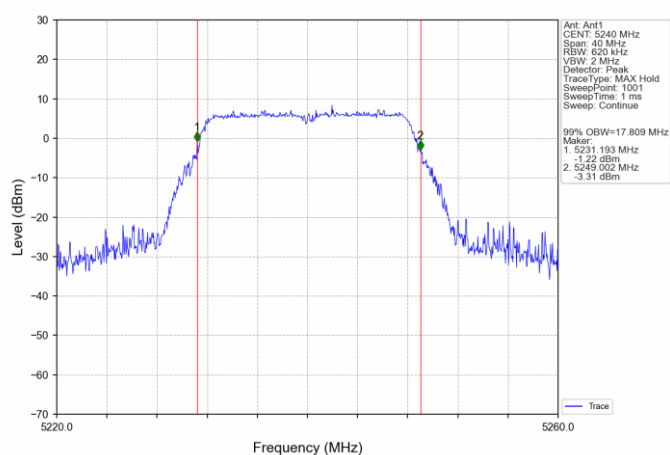




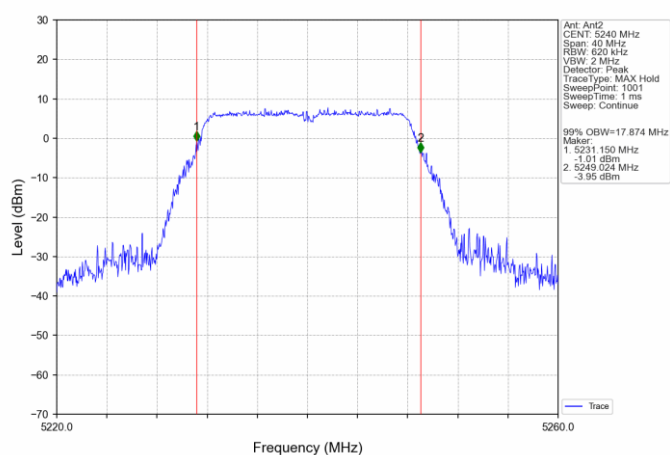
802.11a_MCH_5200MHz_Ant2_NTNV



802.11a_HCH_5240MHz_Ant1_NTNV

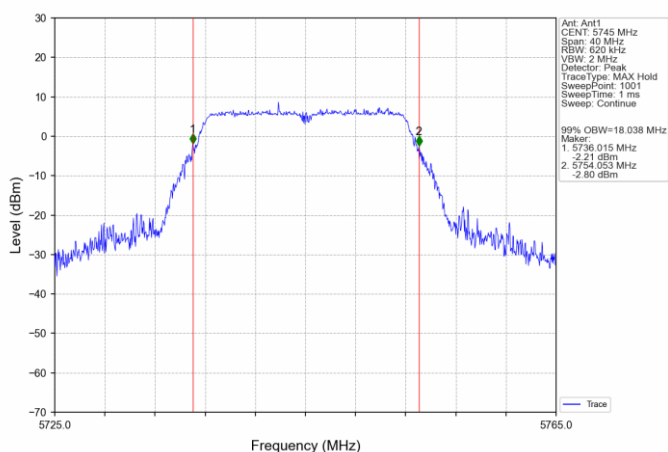


802.11a_HCH_5240MHz_Ant2_NTNV

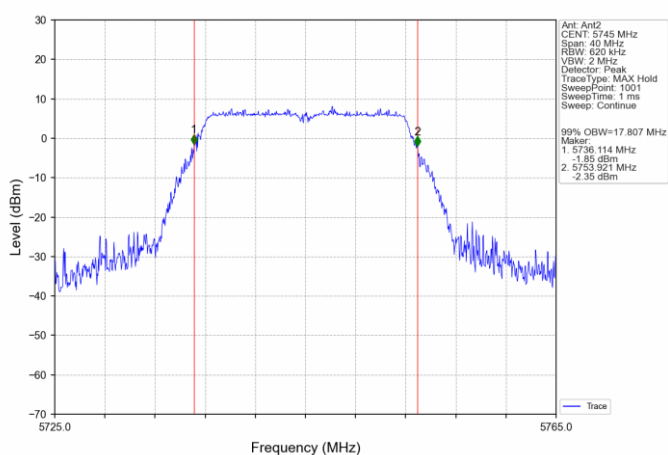




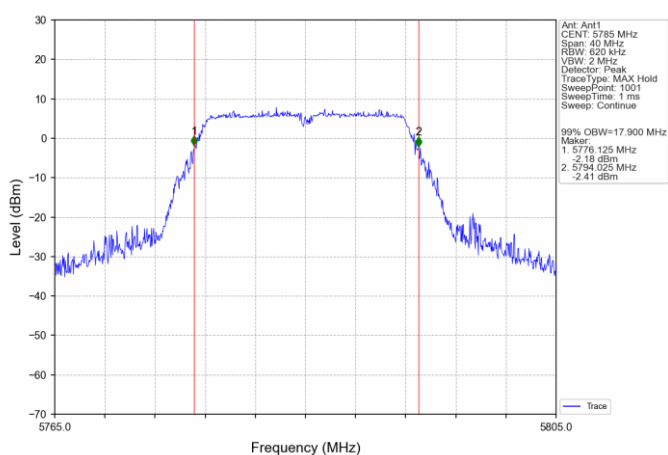
802.11a LCH_5745MHz_Ant1_NTNV



802.11a LCH_5745MHz_Ant2_NTNV

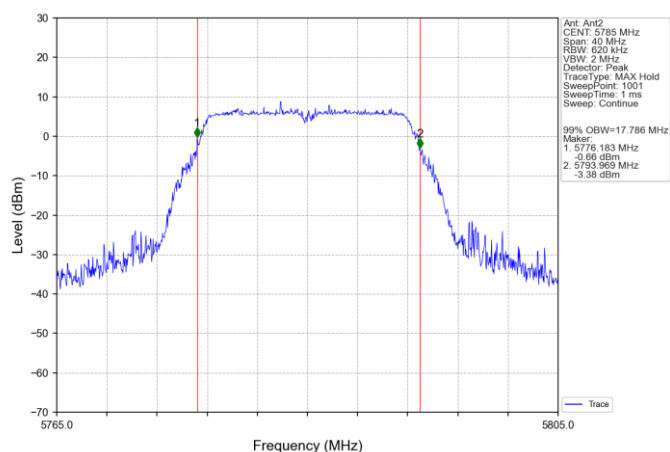


802.11a MCH_5785MHz_Ant1_NTNV

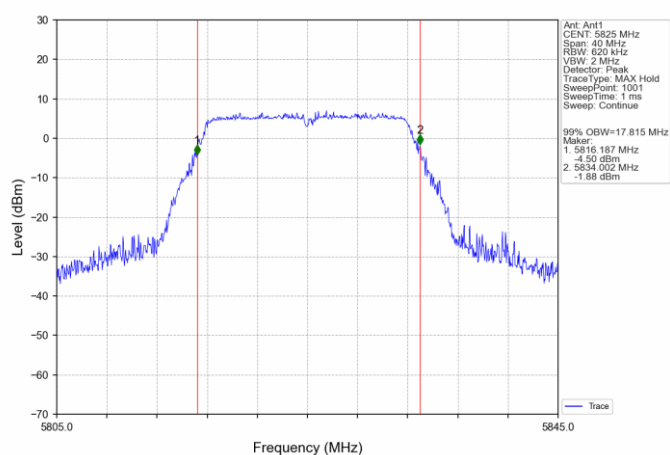




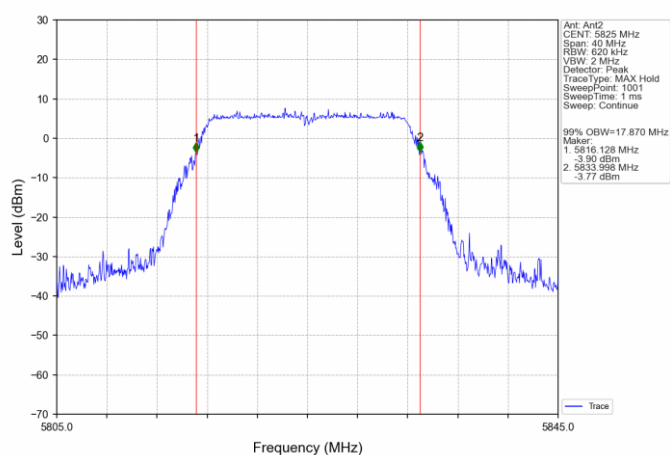
802.11a_MCH_5785MHz_Ant2_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV

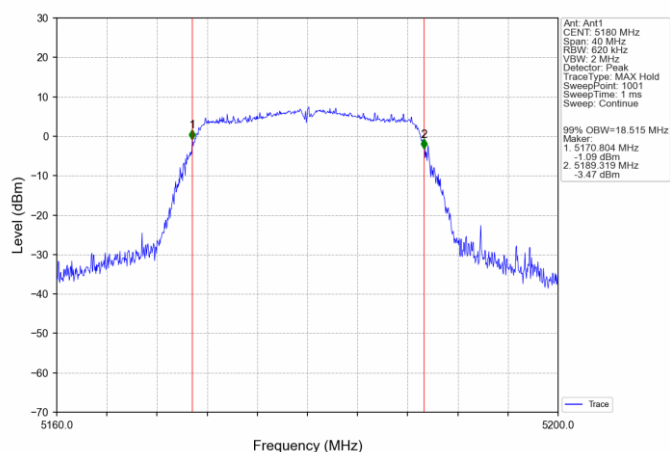


802.11a_HCH_5825MHz_Ant2_NTNV

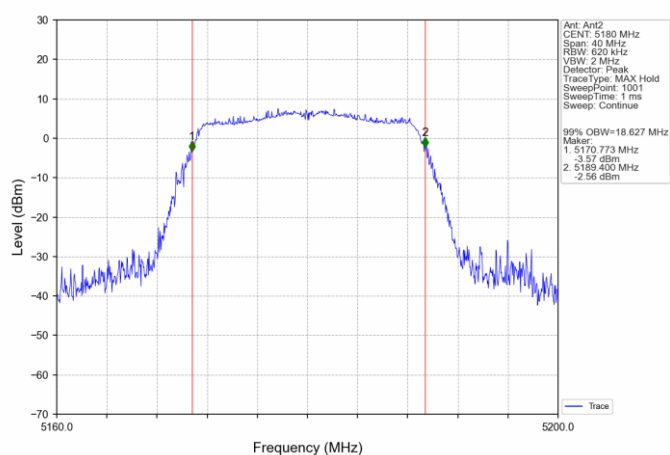




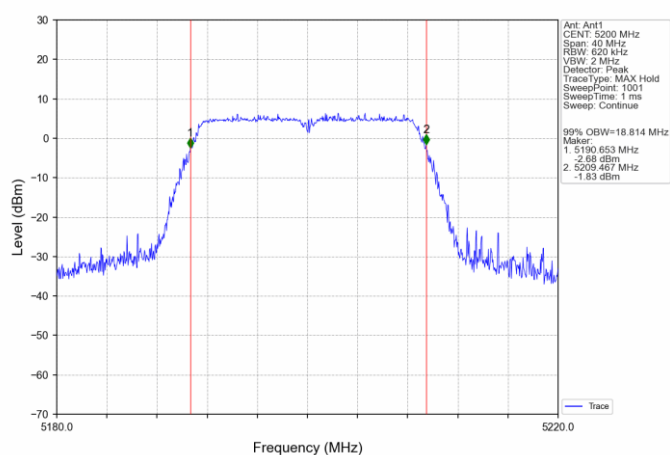
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

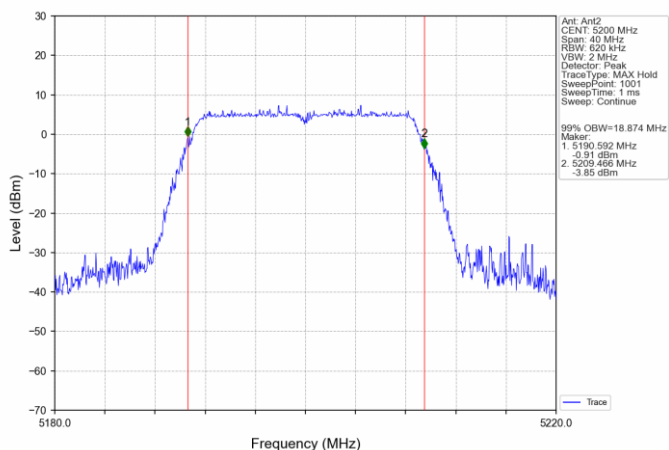


802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

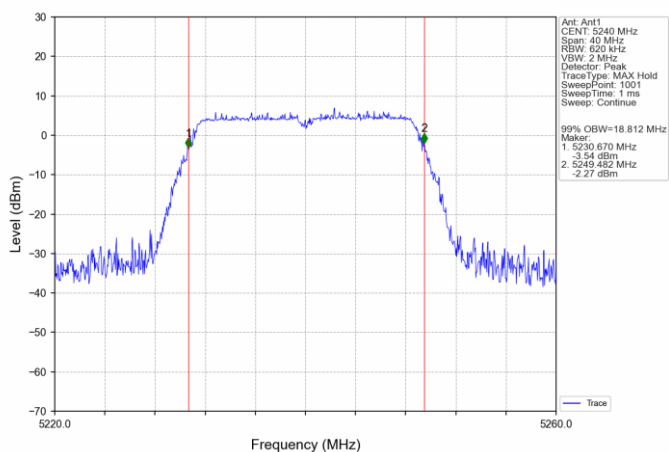




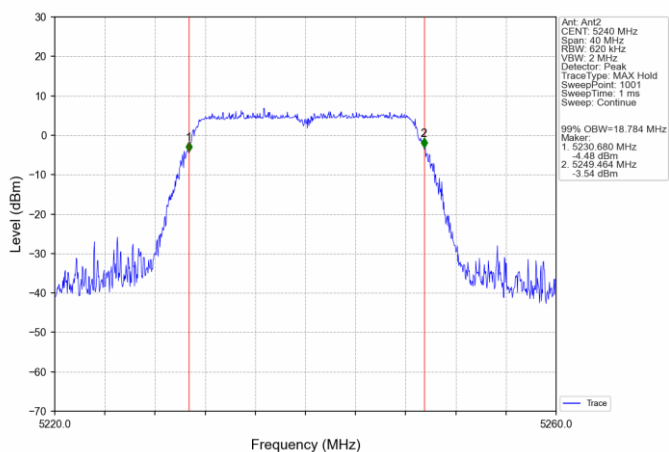
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

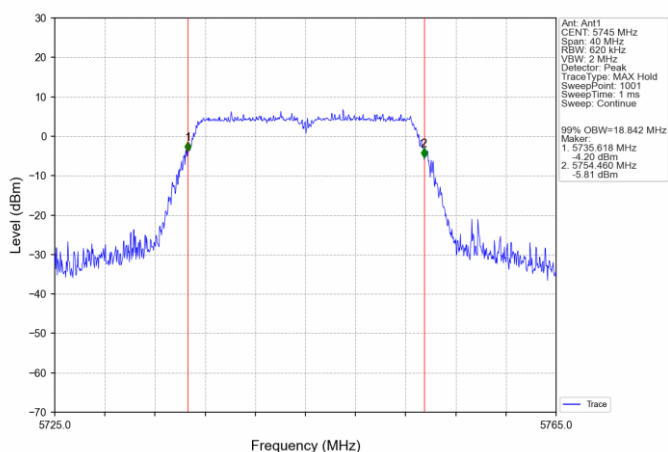


802.11n(HT20)_HCH_5240MHz_Ant2_NTNV

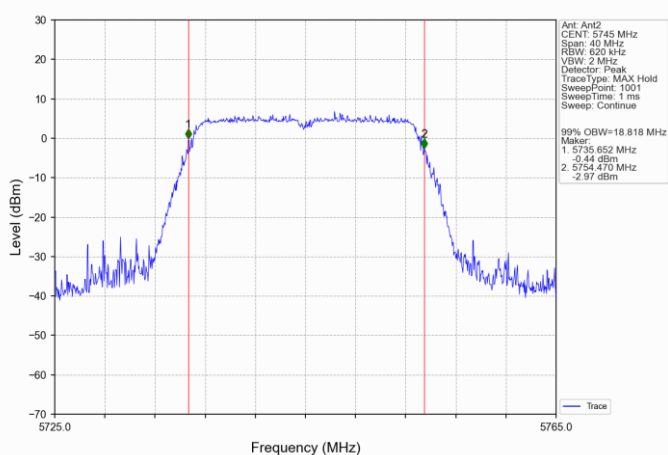




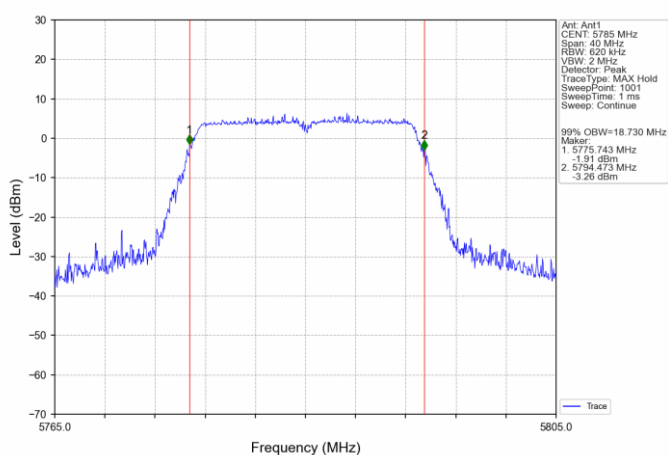
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant2_NTNV

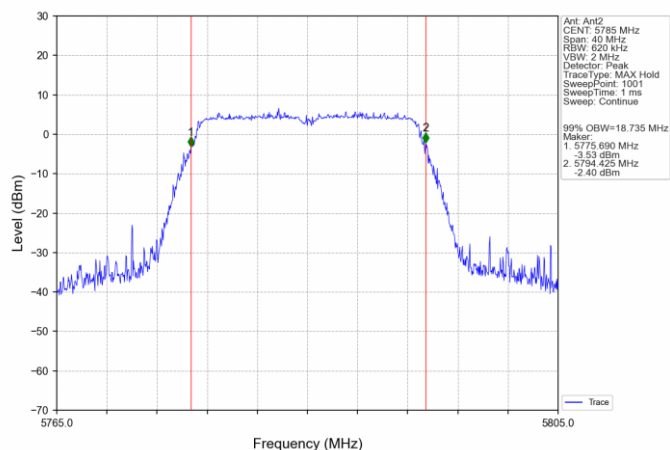


802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

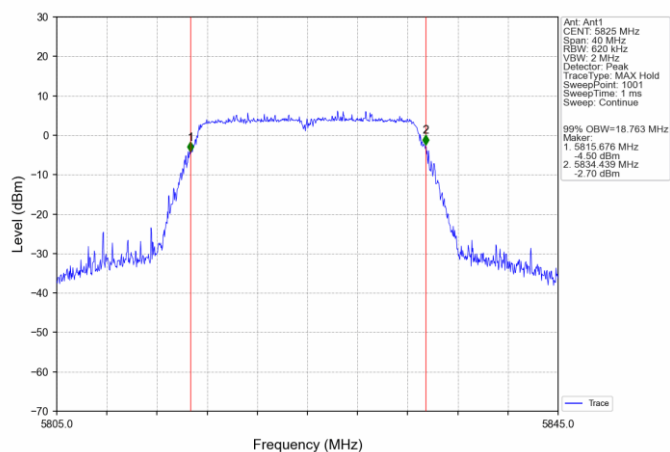




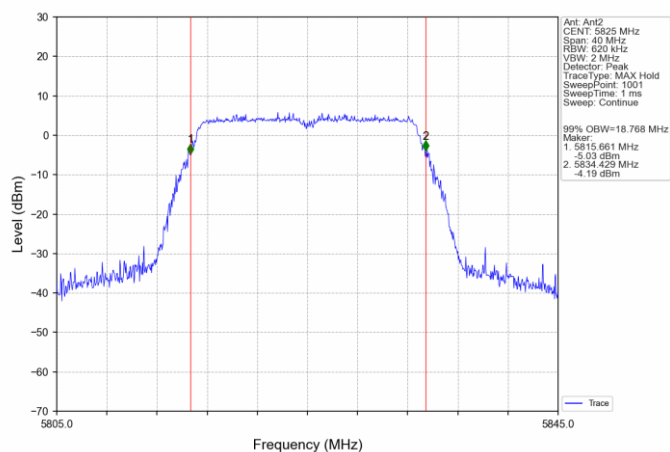
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

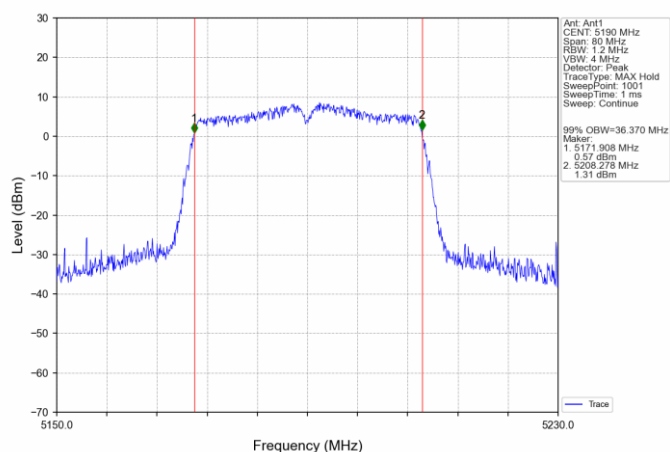


802.11n(HT20)_HCH_5825MHz_Ant2_NTNV

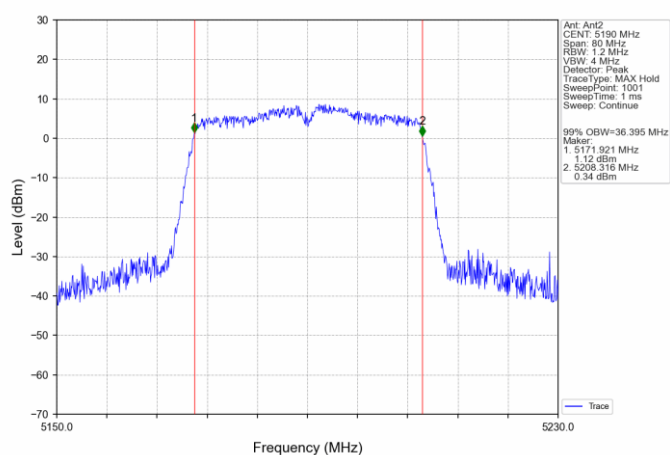




802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

