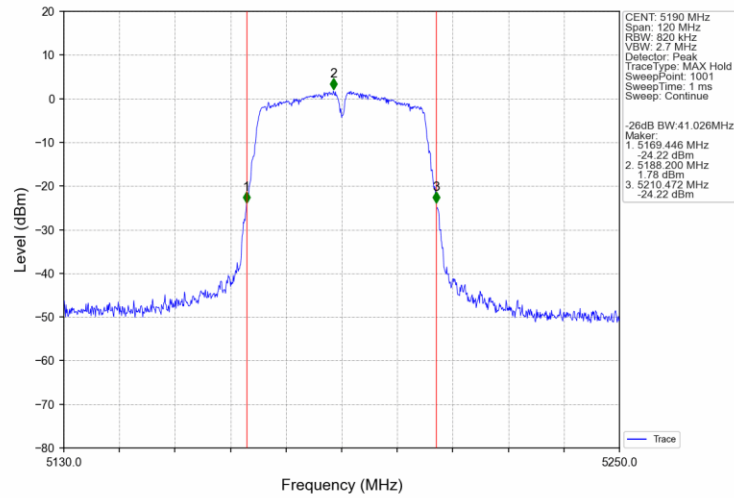
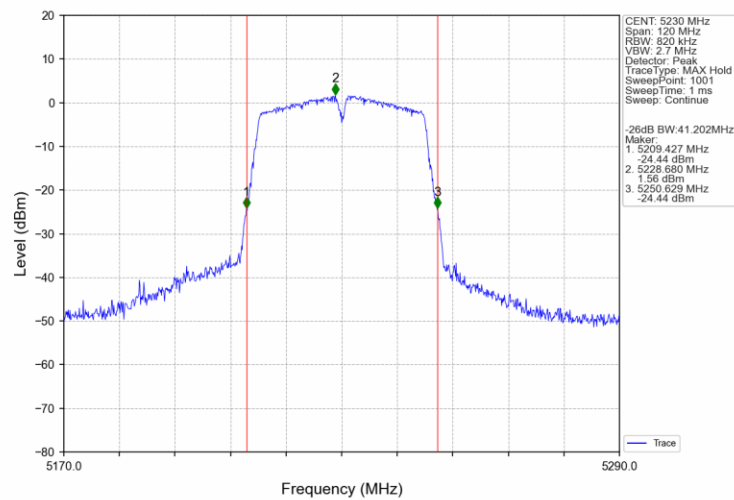


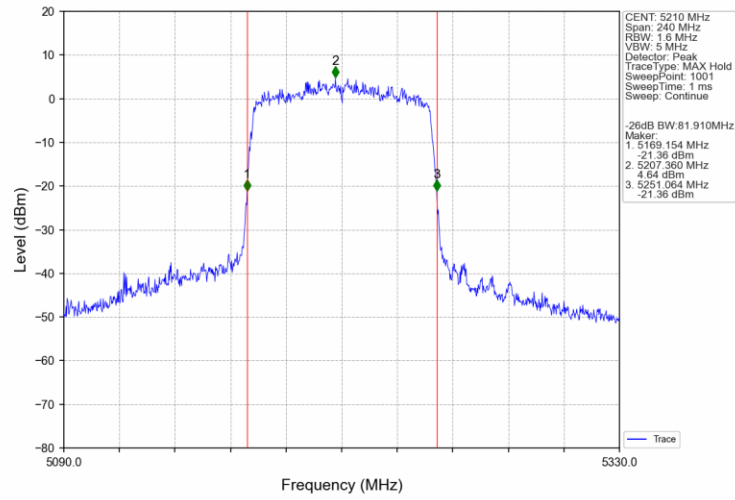
802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_HCH_5230MHz_SU_/_Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant1_NTNV



3. Bandwidth

3.1 Test Result

3.1.1 OBW

ANT2

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	2	16.626	/	Pass
		5200	/	/	2	16.652	/	Pass
		5240	/	/	2	16.648	/	Pass
802.11n (HT20)	SISO	5180	/	/	2	17.755	/	Pass
		5200	/	/	2	17.756	/	Pass
		5240	/	/	2	17.766	/	Pass
802.11n (HT40)	SISO	5190	/	/	2	36.452	/	Pass
		5230	/	/	2	36.377	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	2	17.751	/	Pass
		5200	/	/	2	17.743	/	Pass
		5240	/	/	2	17.765	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	2	36.432	/	Pass
		5230	/	/	2	36.348	/	Pass
802.11ac (VHT80)	SISO	5210	/	/	2	75.196	/	Pass
802.11ax (HEW20)	SISO	5180	SU	/	2	17.762	/	Pass
		5200	SU	/	2	17.788	/	Pass
		5240	SU	/	2	17.753	/	Pass
802.11ax (HEW40)	SISO	5190	SU	/	2	36.307	/	Pass
		5230	SU	/	2	36.427	/	Pass
802.11ax (HEW80)	SISO	5210	SU	/	2	75.169	/	Pass

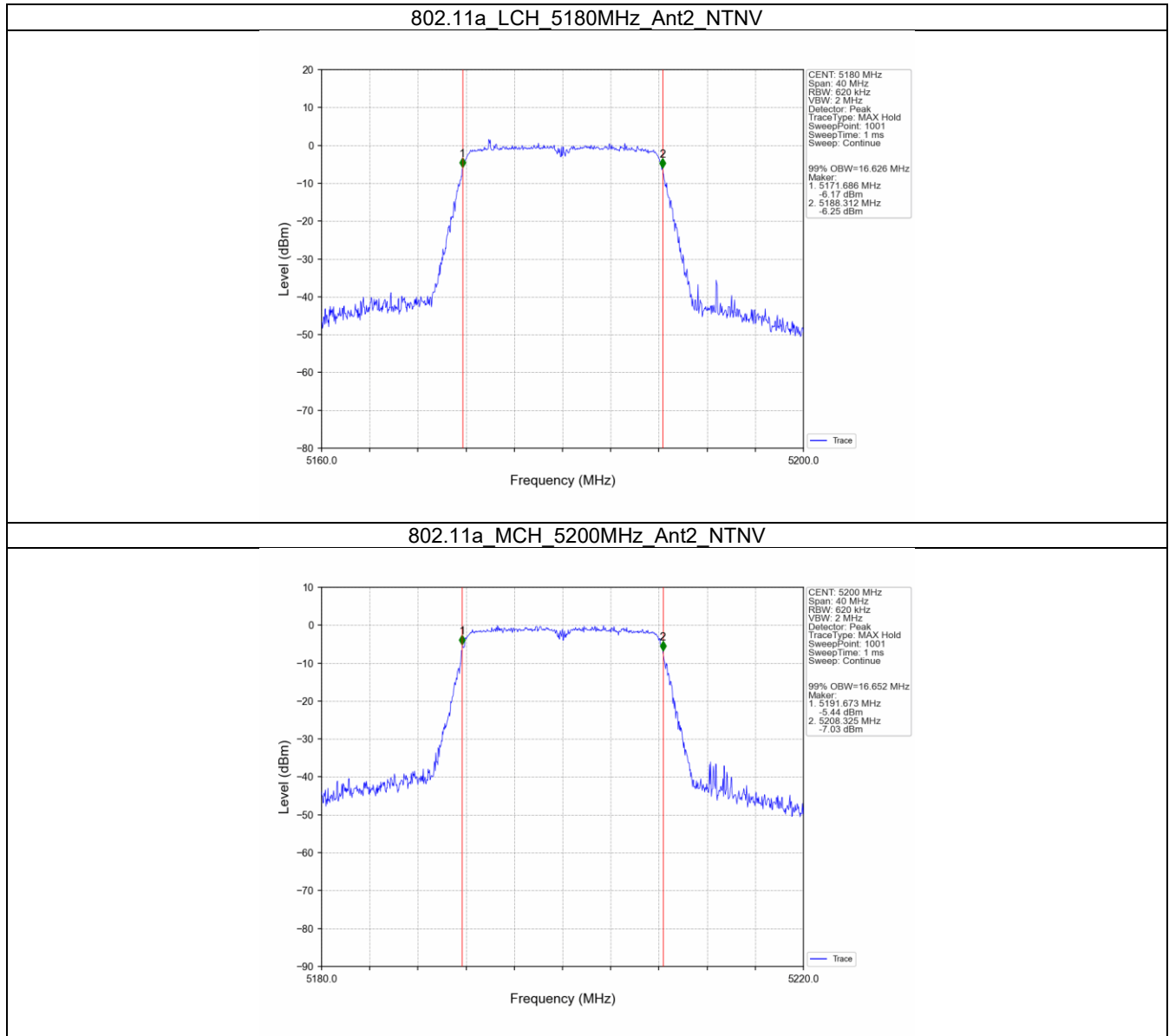
3.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	2	19.074	/	Pass
		5200	/	/	2	19.010	/	Pass
		5240	/	/	2	18.982	/	Pass
802.11n (HT20)	SISO	5180	/	/	2	19.640	/	Pass
		5200	/	/	2	19.886	/	Pass
		5240	/	/	2	19.852	/	Pass
802.11n (HT40)	SISO	5190	/	/	2	41.362	/	Pass
		5230	/	/	2	41.635	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	2	19.754	/	Pass
		5200	/	/	2	19.929	/	Pass
		5240	/	/	2	19.963	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	2	42.316	/	Pass
		5230	/	/	2	41.463	/	Pass
802.11ac (VHT80)	SISO	5210	/	/	2	91.039	/	Pass
802.11ax (HEW20)	SISO	5180	SU	/	2	19.848	/	Pass
		5200	SU	/	2	19.874	/	Pass
		5240	SU	/	2	19.855	/	Pass
802.11ax (HEW40)	SISO	5190	SU	/	2	41.834	/	Pass
		5230	SU	/	2	42.455	/	Pass

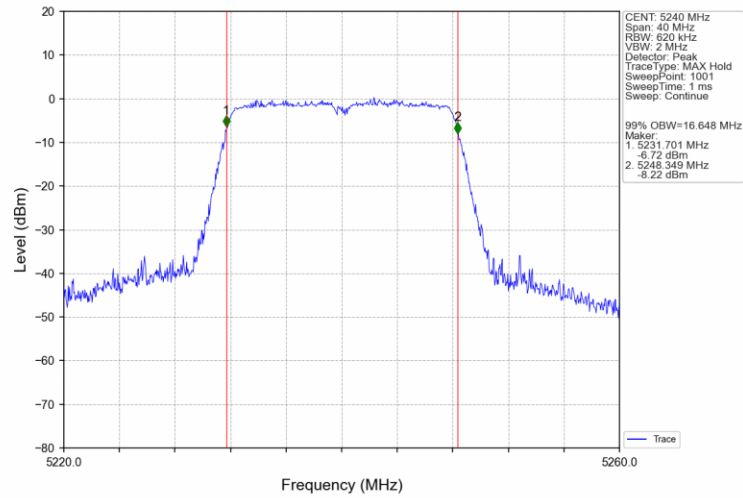
802.11ax (HEW80)	SISO	5210	SU	/	2	81.703	/	Pass
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3.2 Test Graph

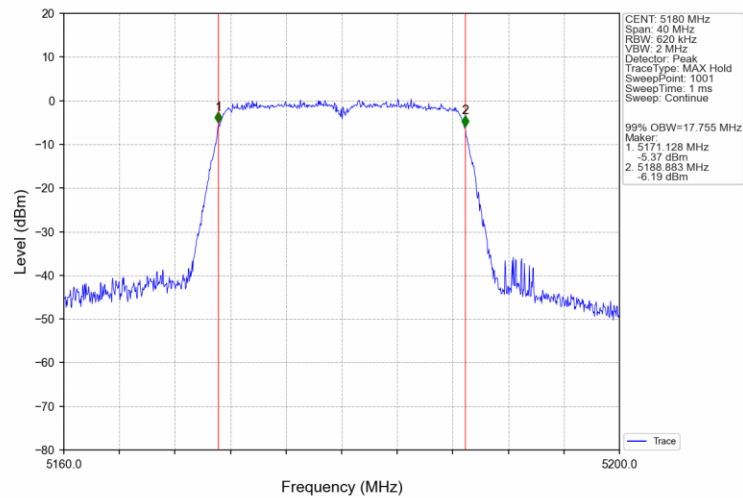
3.2.1 OBW



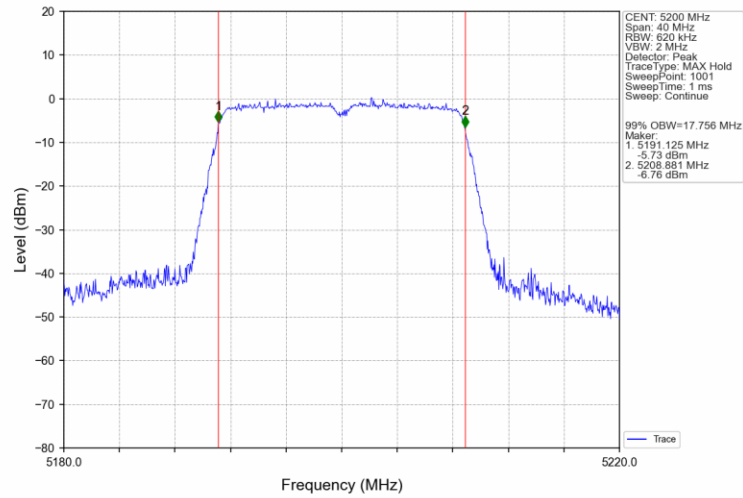
802.11a_HCH_5240MHz_Ant2_NTNV



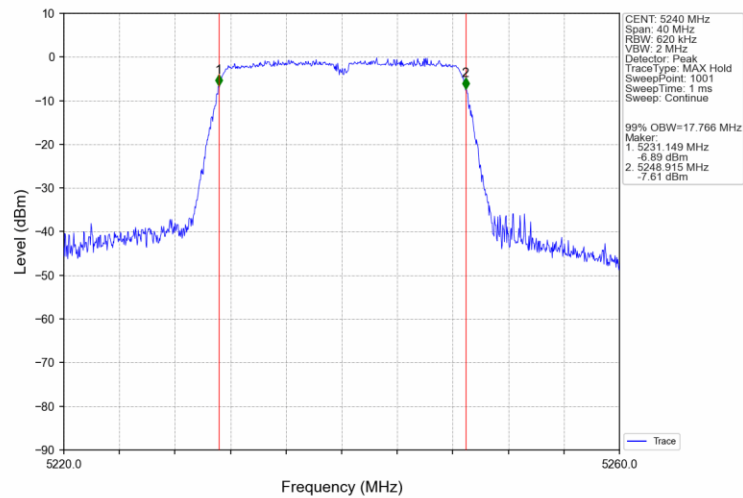
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



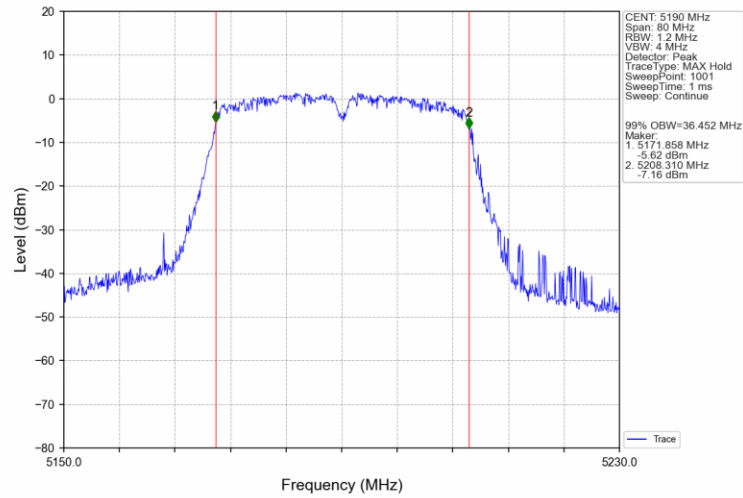
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



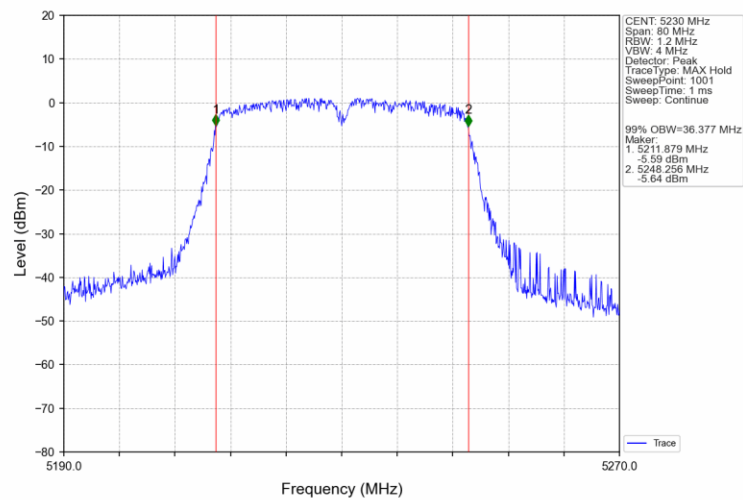
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



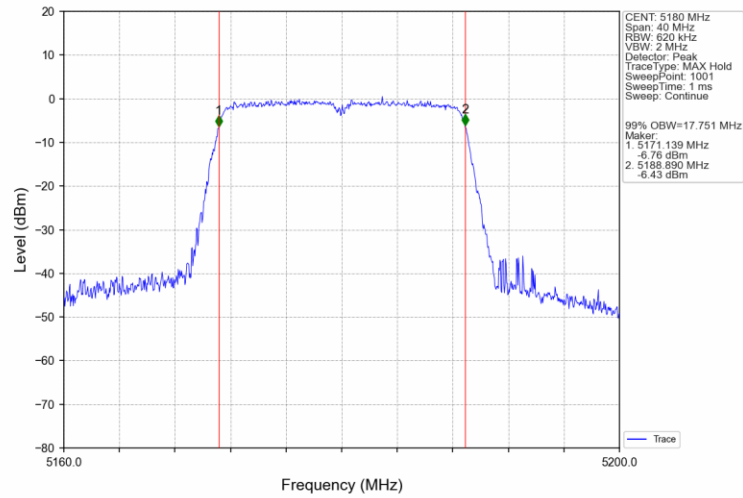
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



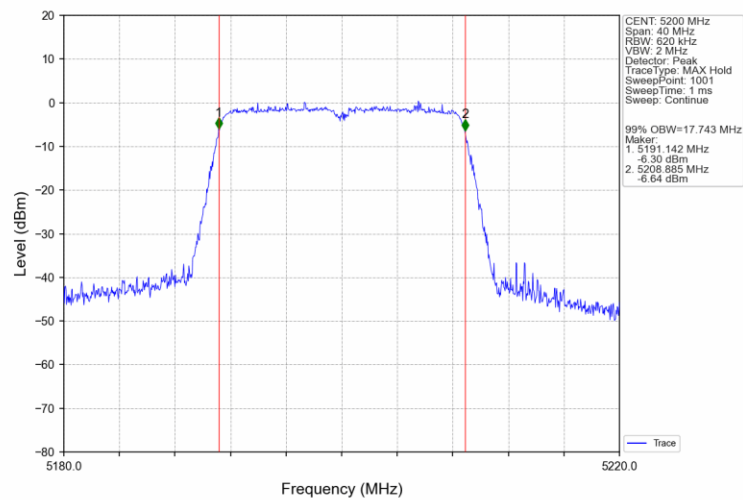
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



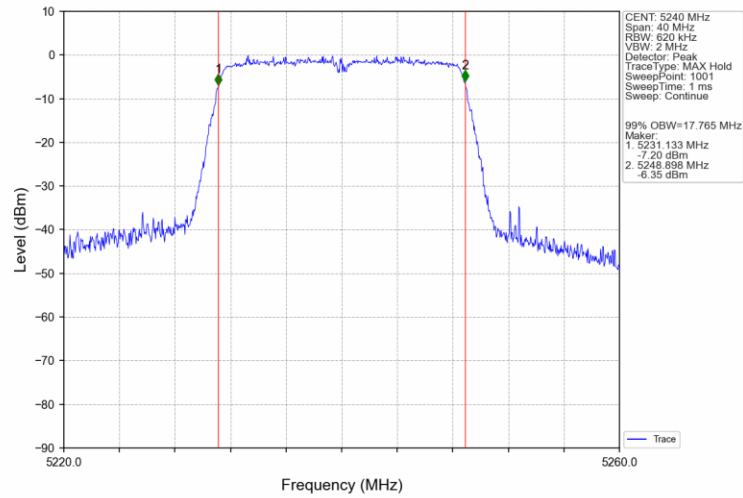
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



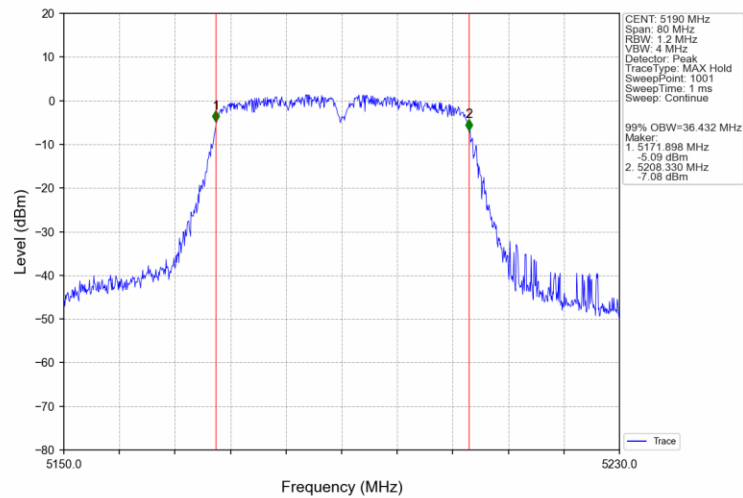
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



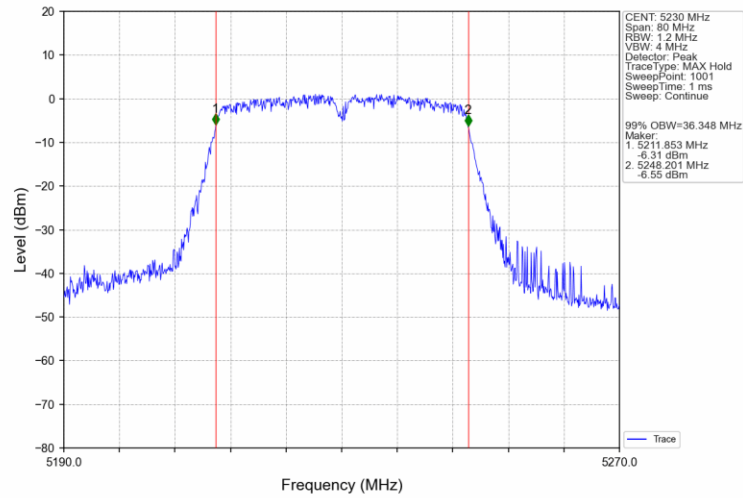
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



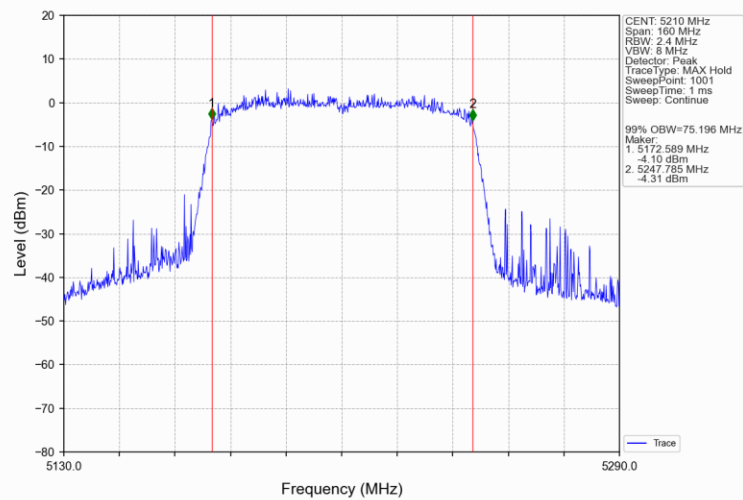
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



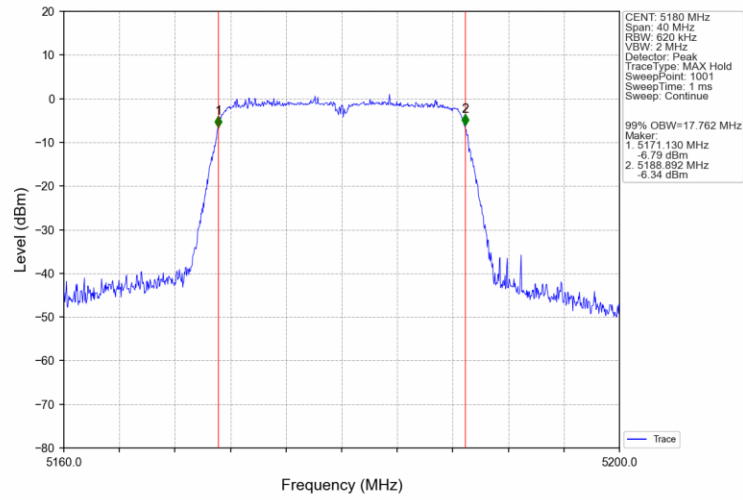
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



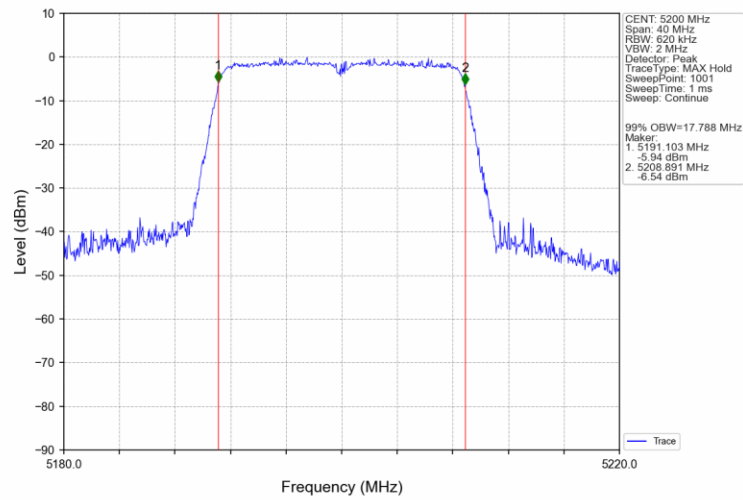
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



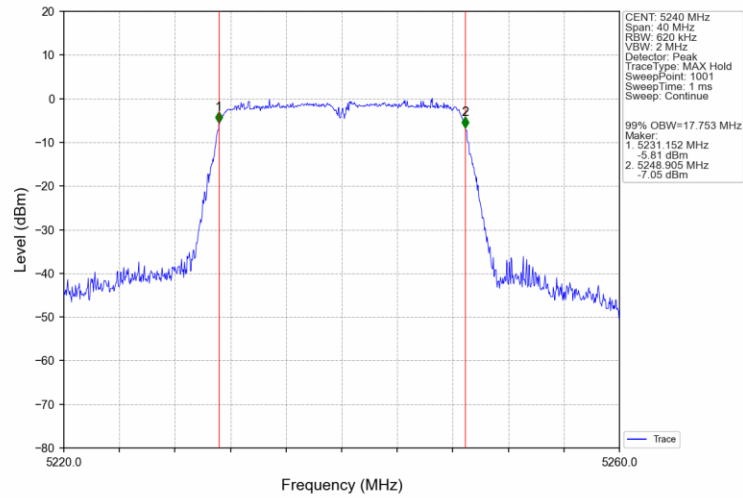
802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant2_NTNV



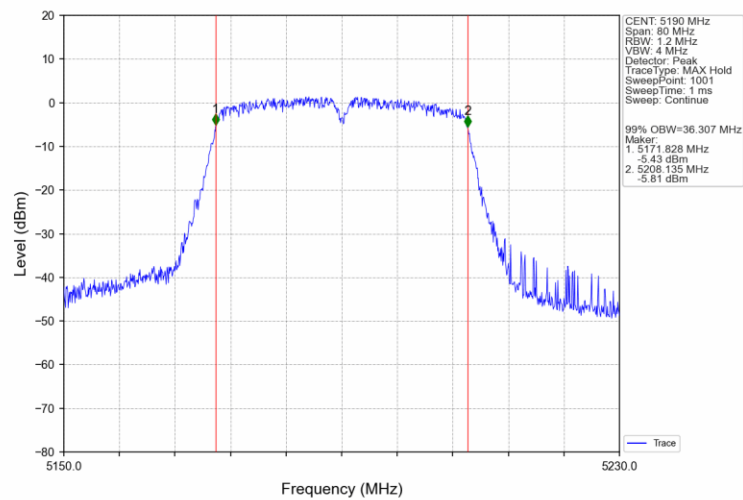
802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant2_NTNV



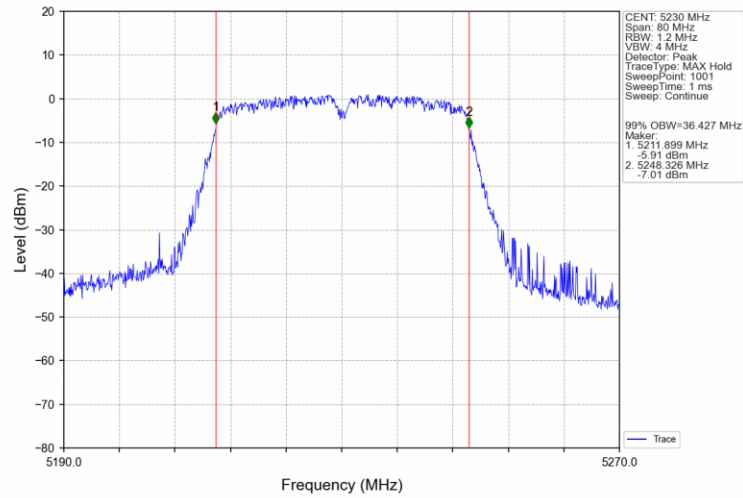
802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant2_NTNV



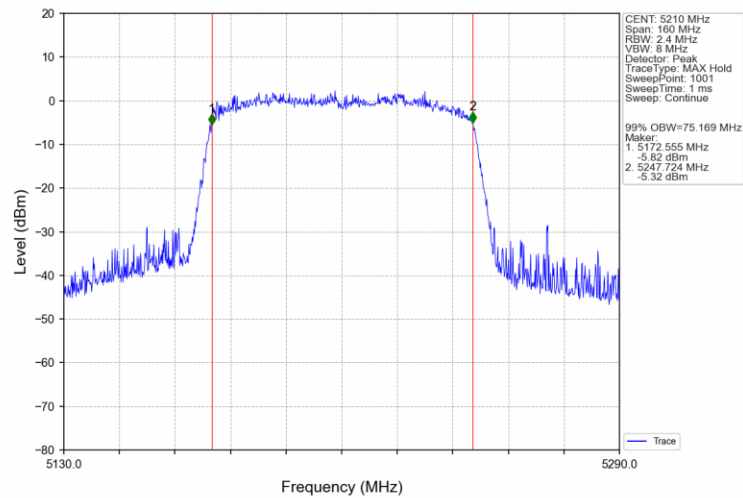
802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant2_NTNV



802.11ax(HEW40)_HCH_5230MHz_SU_/_Ant2_NTNV

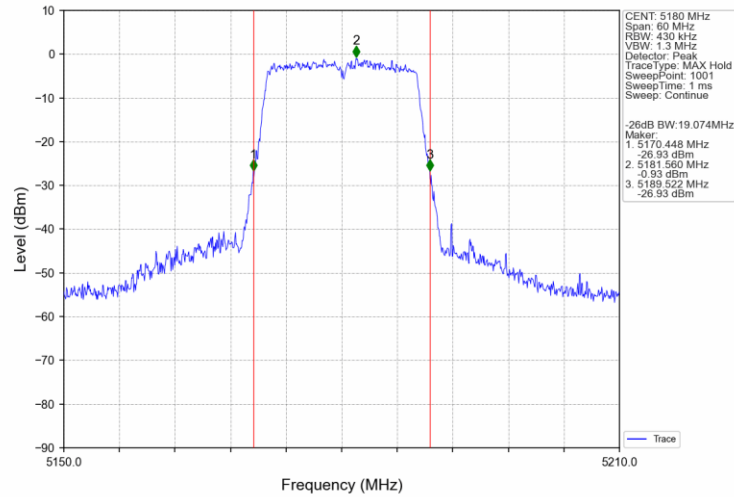


802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant2_NTNV

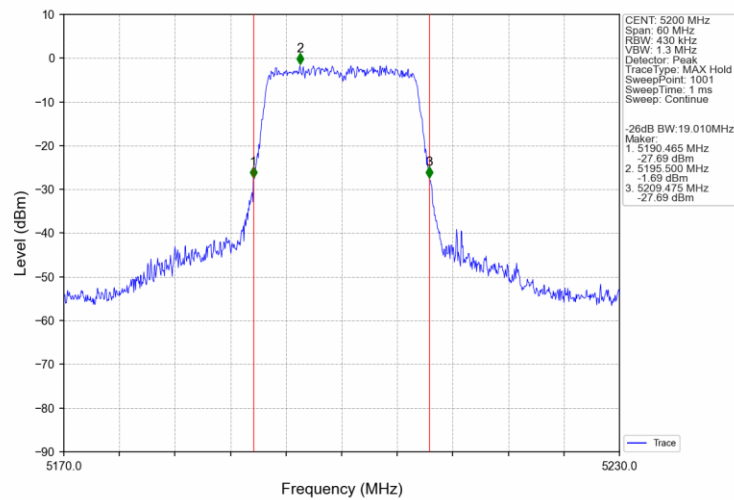


3.2.2 26dB BW

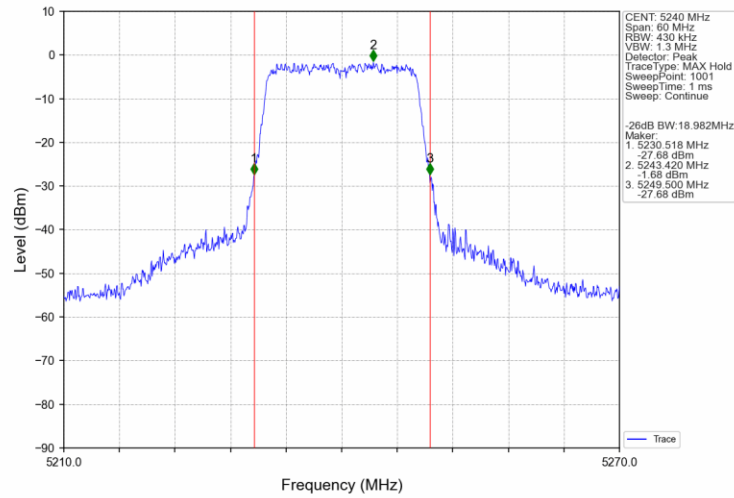
802.11a_LCH_5180MHz_Ant2_NTNV



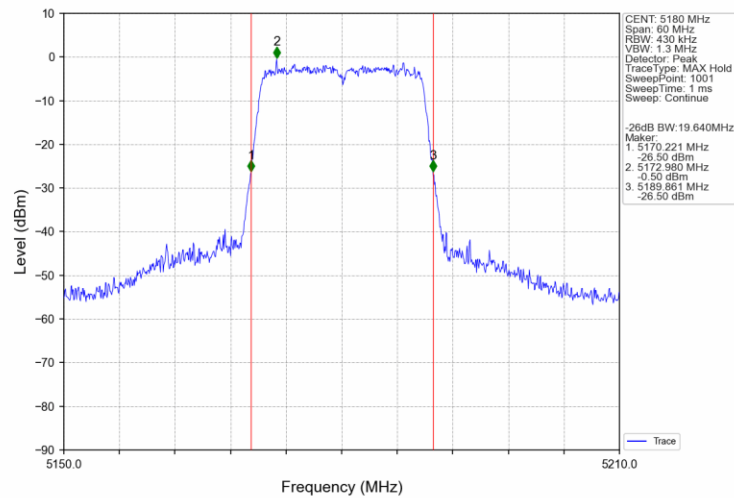
802.11a_MCH_5200MHz_Ant2_NTNV



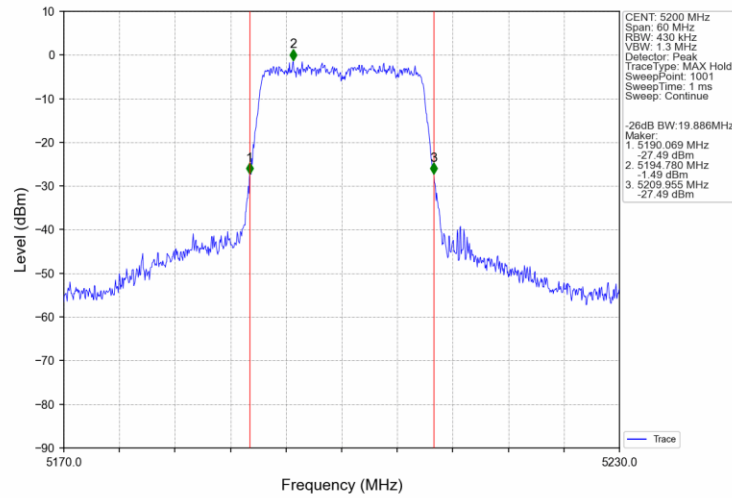
802.11a_HCH_5240MHz_Ant2_NTNV



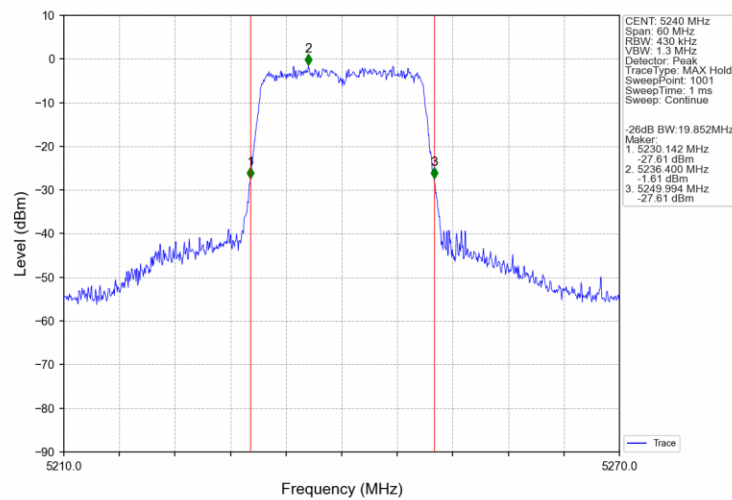
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



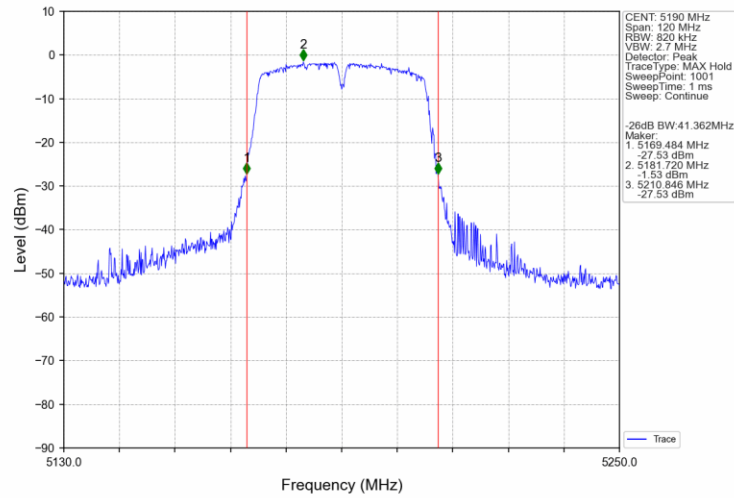
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



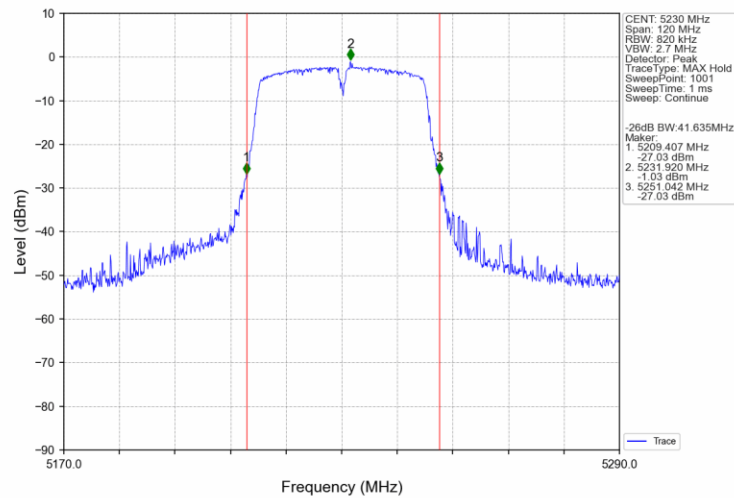
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



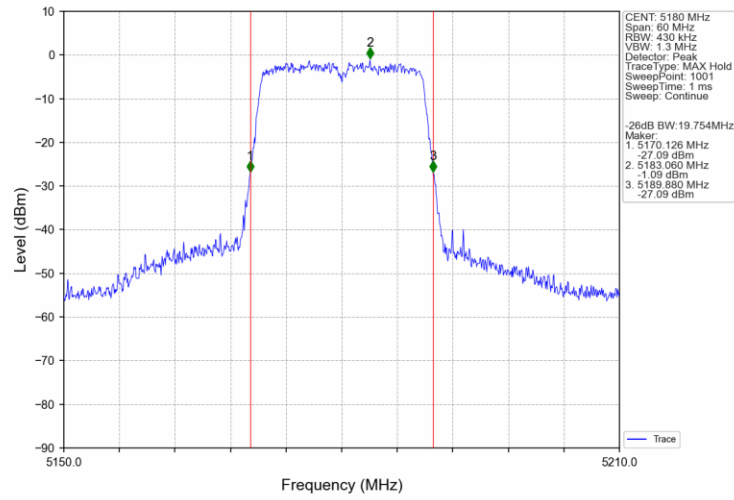
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



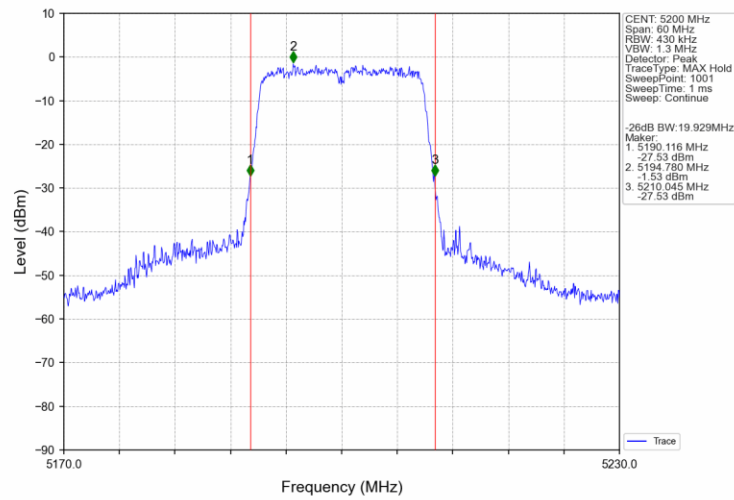
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



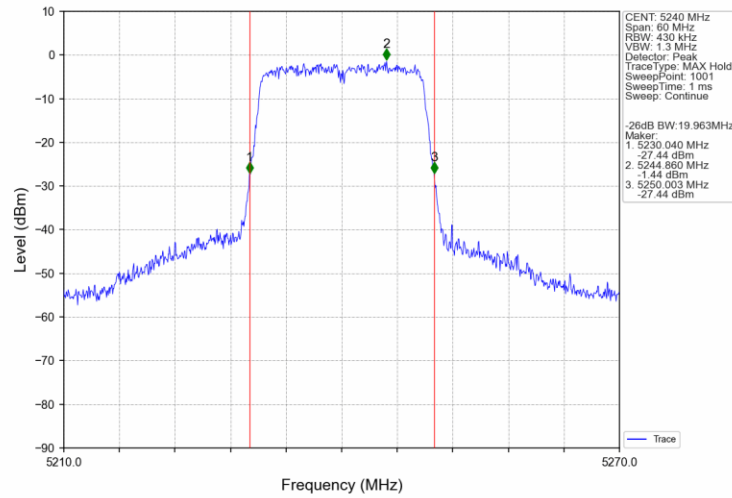
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



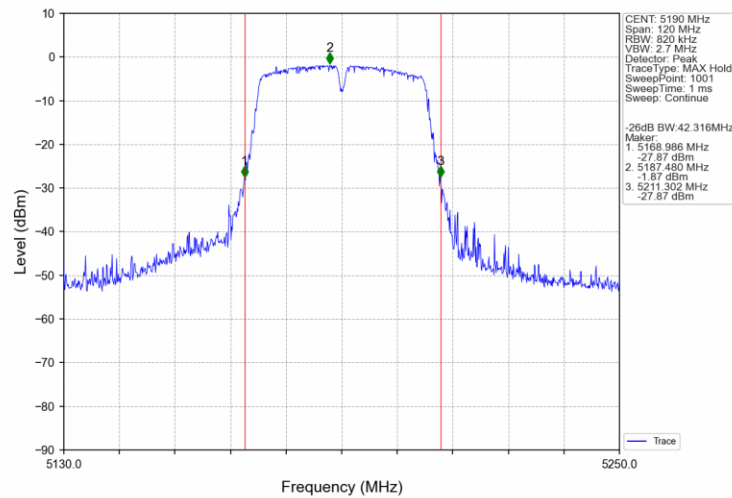
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



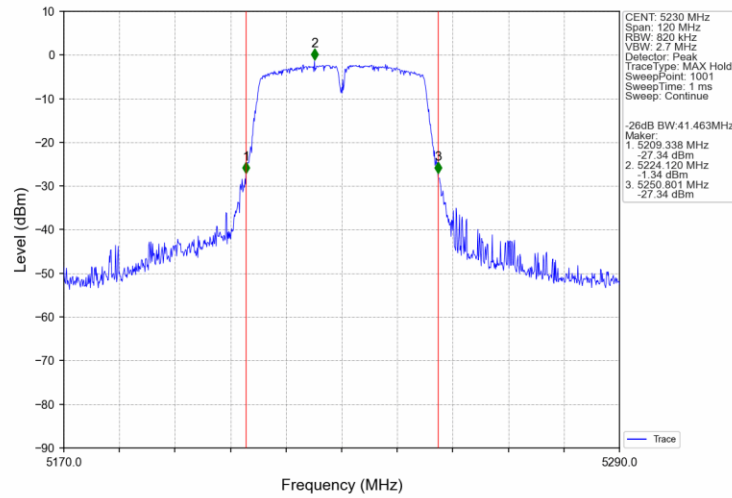
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



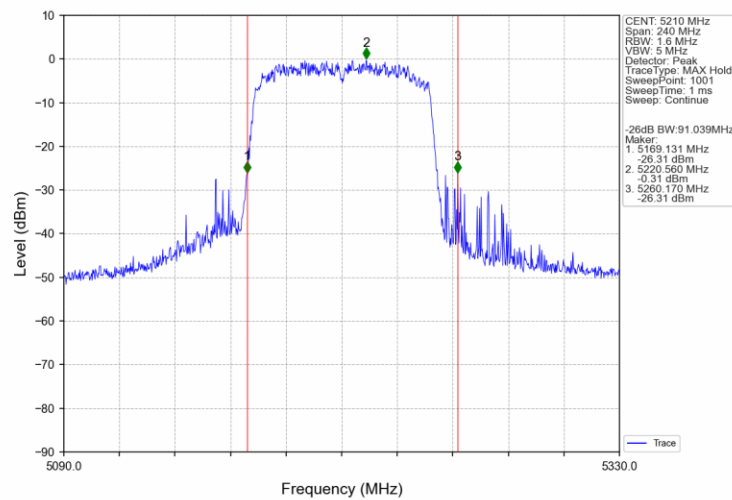
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



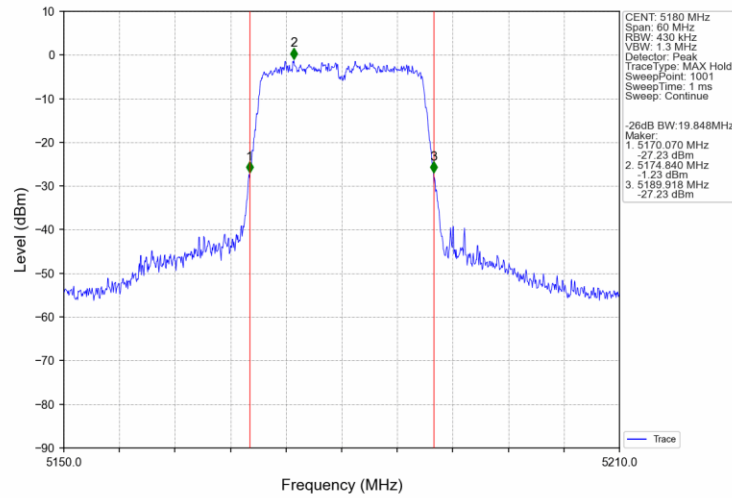
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



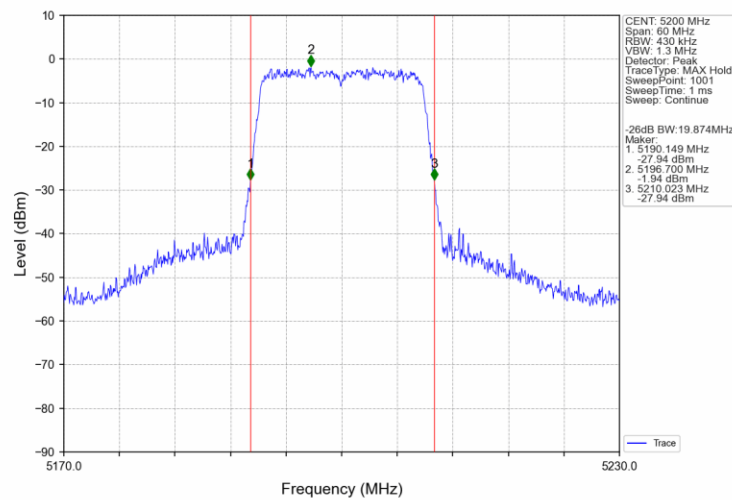
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



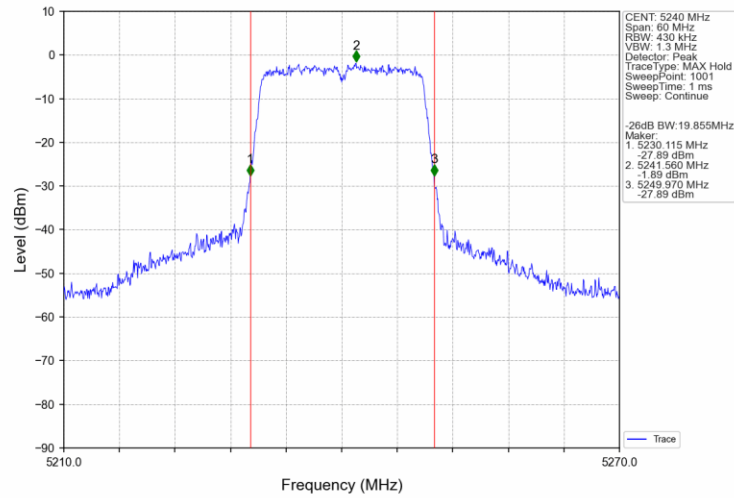
802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant2_NTNV



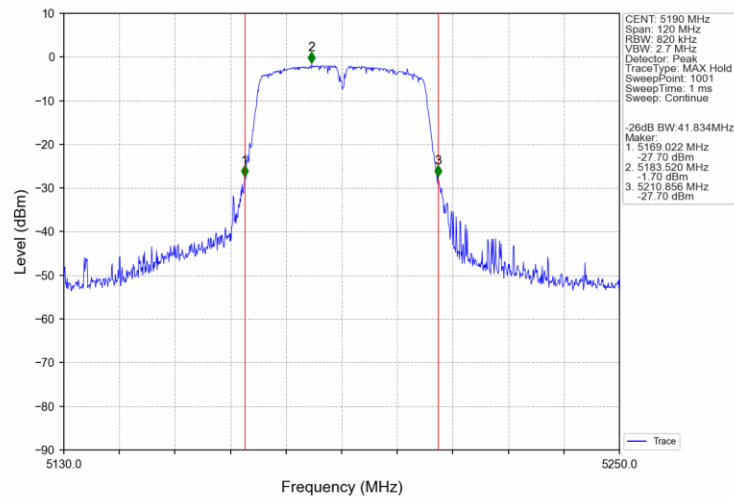
802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant2_NTNV



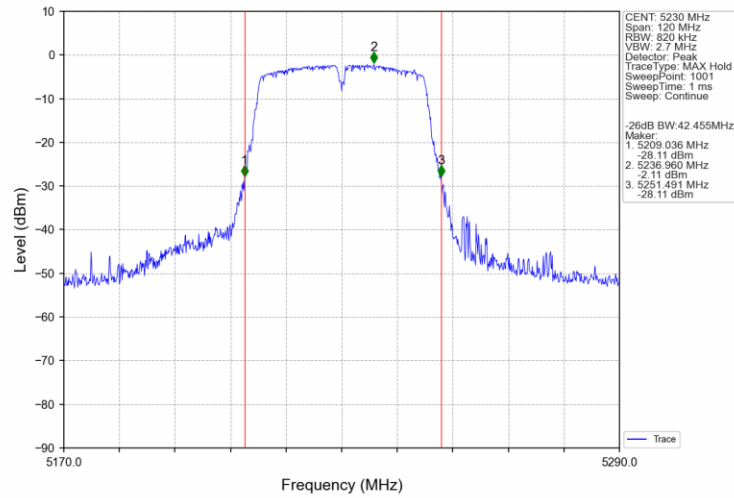
802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant2_NTNV



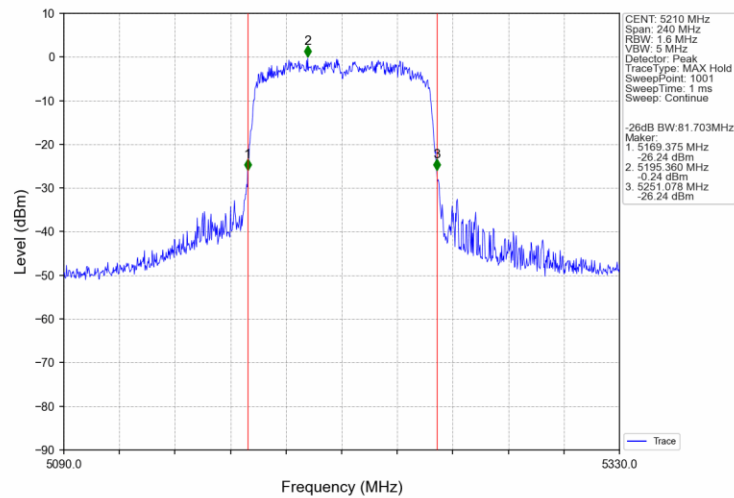
802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant2_NTNV



802.11ax(HEW40)_HCH_5230MHz_SU_/_Ant2_NTNV



802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant2_NTNV



4. Maximum Conducted Output Power

4.1 Test Result

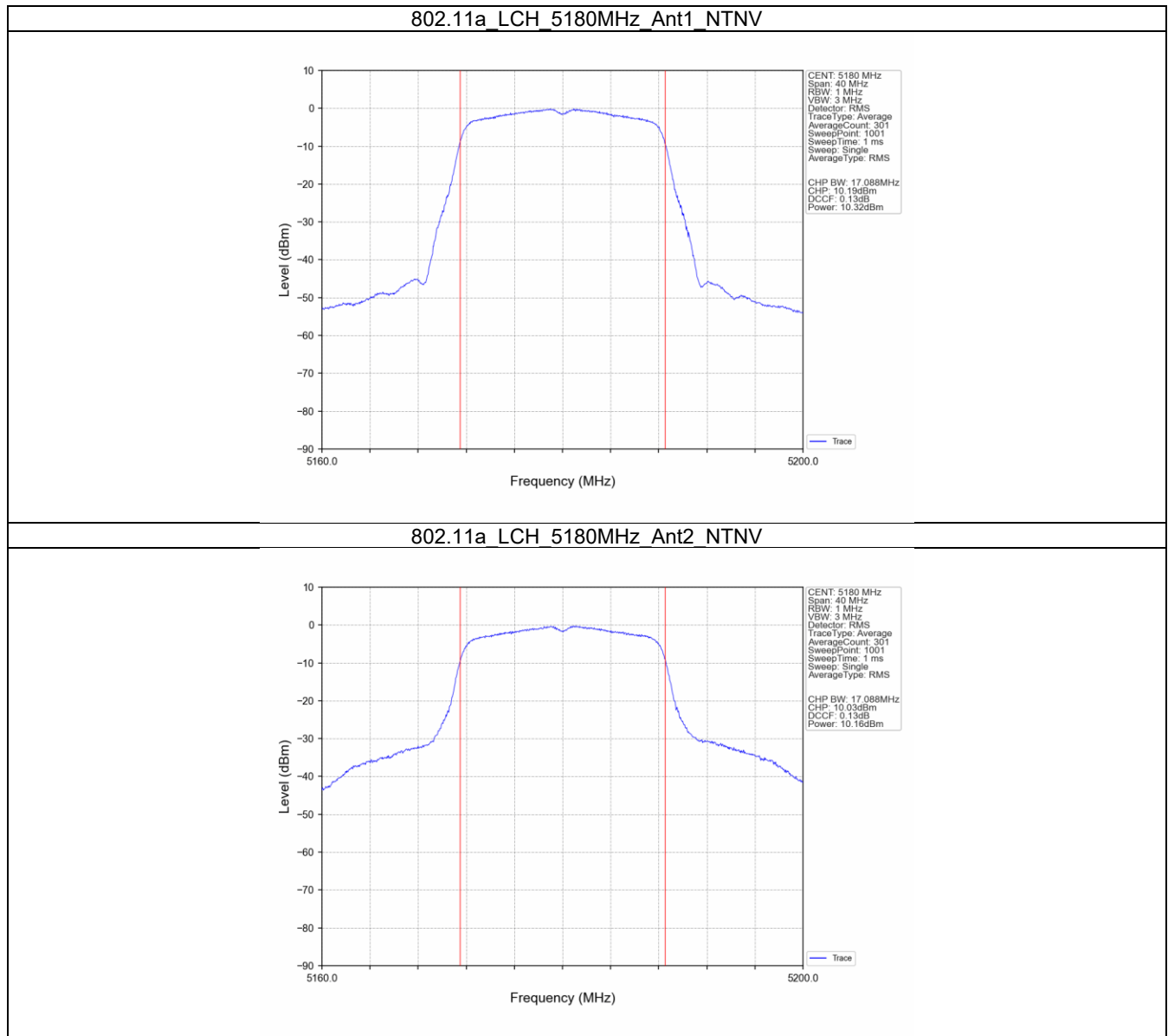
4.1.1 Power

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	10.32	10.16	/	<=23.98	Pass
		5200	/	/	10.04	10.57	/	<=23.98	Pass
		5240	/	/	9.73	11.61	/	<=23.98	Pass
802.11n (HT20)	SISO	5180	/	/	10.56	7.66	/	<=23.98	Pass
		5200	/	/	10.23	7.98	/	<=23.98	Pass
		5240	/	/	10.08	9.27	/	<=23.98	Pass
802.11n (HT40)	SISO	5190	/	/	10.55	8.05	/	<=23.98	Pass
		5230	/	/	10.21	9.22	/	<=23.98	Pass
802.11n (HT20)	MIMO	5180	/	/	10.68	7.85	12.50	<=23.98	Pass
		5200	/	/	10.32	8.27	12.43	<=23.98	Pass
		5240	/	/	10.15	9.45	12.82	<=23.98	Pass
802.11n (HT40)	MIMO	5190	/	/	10.60	8.11	12.54	<=23.98	Pass
		5230	/	/	10.34	9.18	12.81	<=23.98	Pass
802.11ac (VHT20)	SISO	5180	/	/	10.60	7.72	/	<=23.98	Pass
		5200	/	/	10.15	8.01	/	<=23.98	Pass
		5240	/	/	10.02	9.16	/	<=23.98	Pass
802.11ac (VHT40)	SISO	5190	/	/	10.47	7.98	/	<=23.98	Pass
		5230	/	/	10.34	9.26	/	<=23.98	Pass
802.11ac (VHT80)	SISO	5210	/	/	10.88	9.01	/	<=23.98	Pass
802.11ac (VHT20)	MIMO	5180	/	/	9.21	6.46	11.06	<=23.98	Pass
		5200	/	/	8.83	6.90	10.98	<=23.98	Pass
		5240	/	/	8.79	8.03	11.44	<=23.98	Pass
802.11ac (VHT40)	MIMO	5190	/	/	9.32	6.73	11.23	<=23.98	Pass
		5230	/	/	8.99	7.72	11.41	<=23.98	Pass
802.11ac (VHT80)	MIMO	5210	/	/	9.38	7.59	11.59	<=23.98	Pass
802.11ax (HEW20)	SISO	5180	SU	/	9.30	6.29	/	<=23.98	Pass
		5200	SU	/	8.89	6.63	/	<=23.98	Pass
		5240	SU	/	8.76	7.71	/	<=23.98	Pass
802.11ax (HEW40)	SISO	5190	SU	/	9.08	6.64	/	<=23.98	Pass
		5230	SU	/	8.76	7.78	/	<=23.98	Pass
802.11ax (HEW80)	SISO	5210	SU	/	9.20	7.63	/	<=23.98	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	9.19	6.58	11.09	<=23.98	Pass
		5200	SU	/	8.91	6.97	11.06	<=23.98	Pass
		5240	SU	/	8.80	8.03	11.44	<=23.98	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	9.09	6.63	11.04	<=23.98	Pass
		5230	SU	/	8.90	7.80	11.40	<=23.98	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	9.43	7.67	11.65	<=23.98	Pass

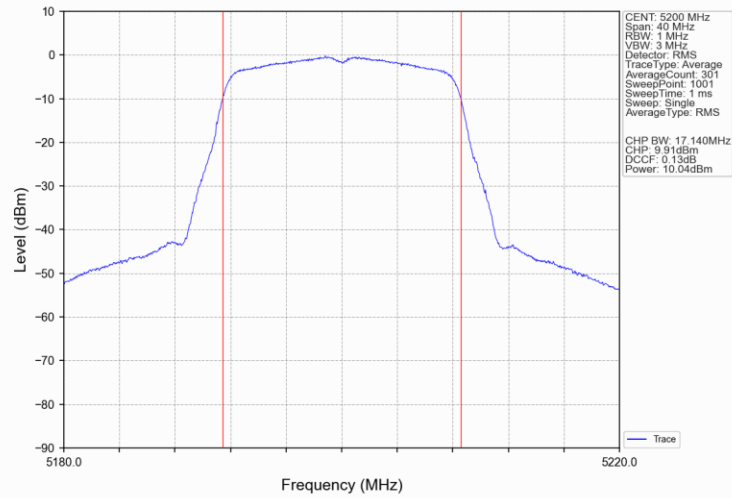
Note1: Antenna Gain: Ant1: 5.34dBi; Ant2: 5.34dBi;
Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

4.2 Test Graph

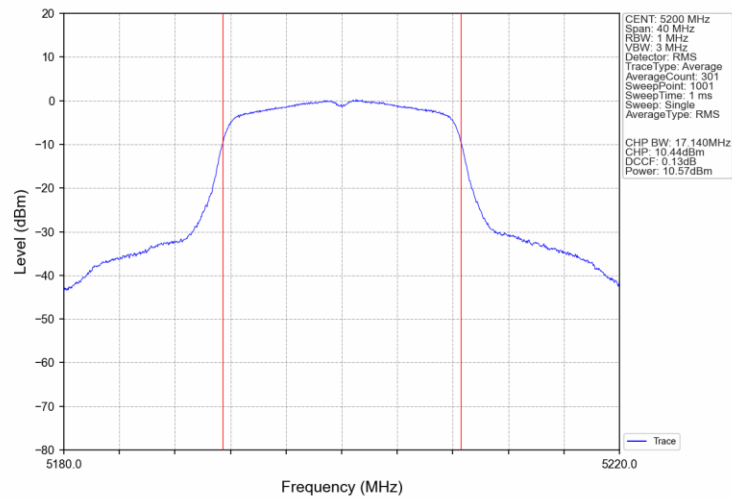
4.2.1 Power



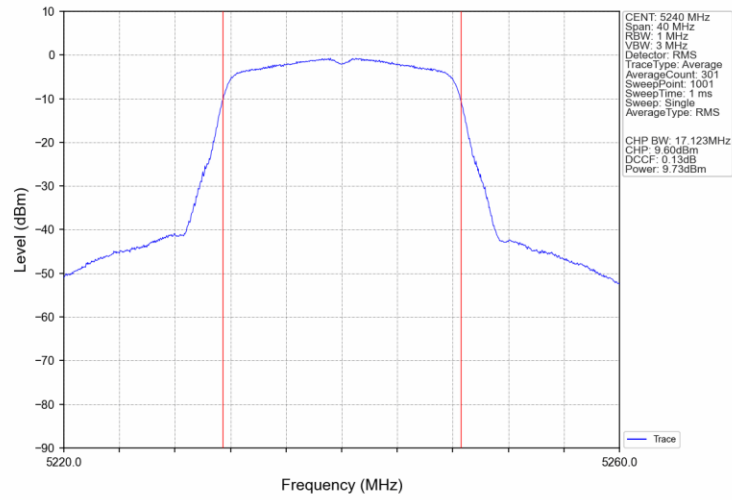
802.11a_MCH_5200MHz_Ant1_NTNV



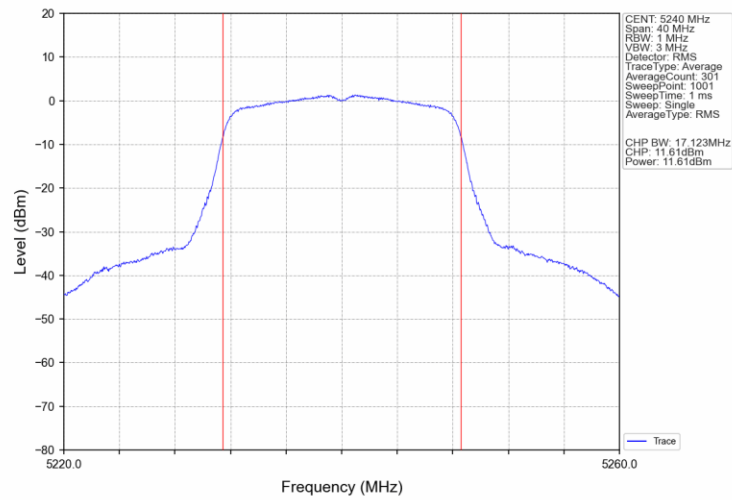
802.11a MCH 5200MHz Ant2 NTNv



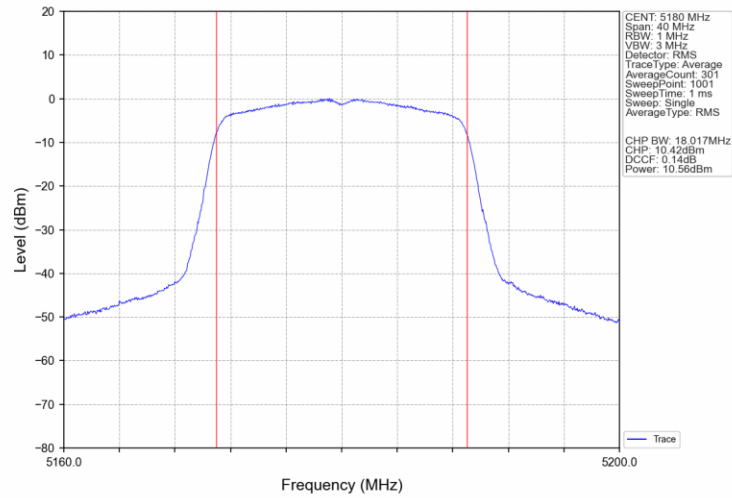
802.11a_HCH_5240MHz_Ant1_NTNV



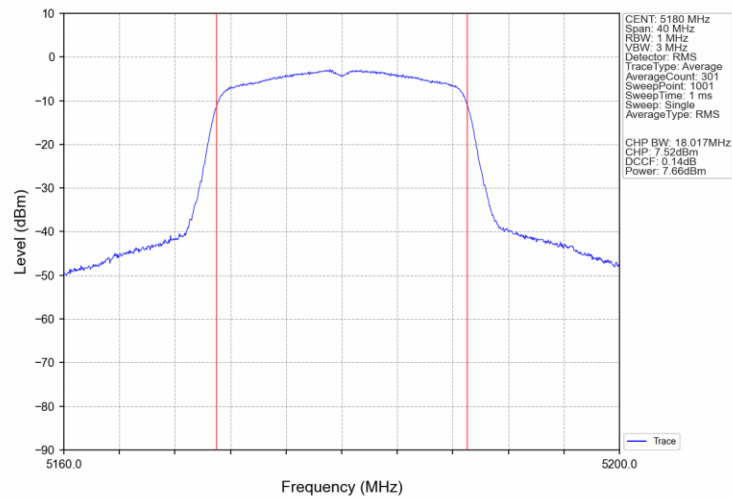
802.11a_HCH_5240MHz_Ant2_NTNV



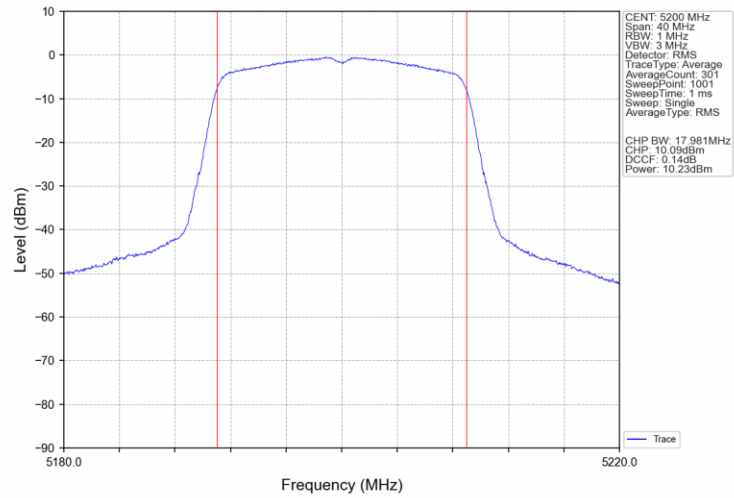
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



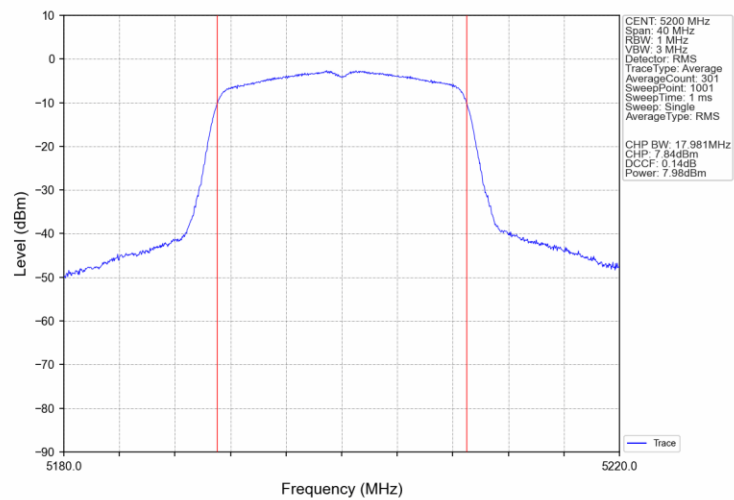
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



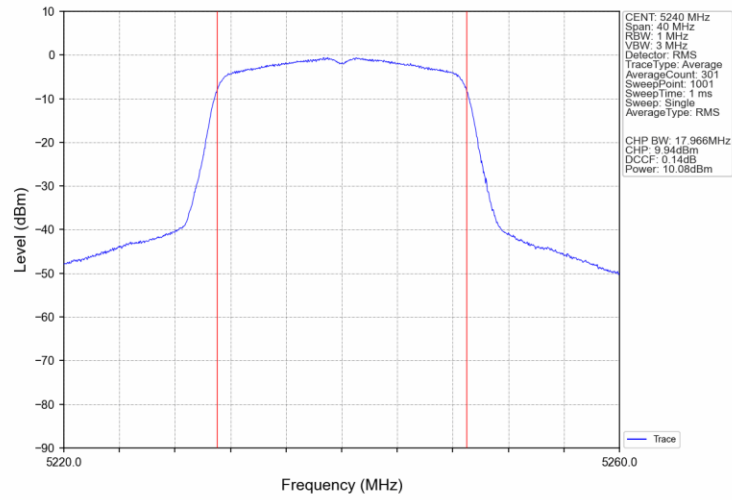
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



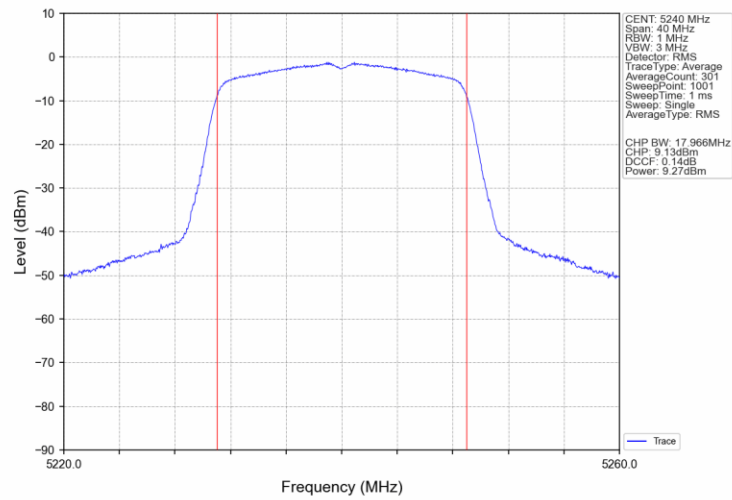
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



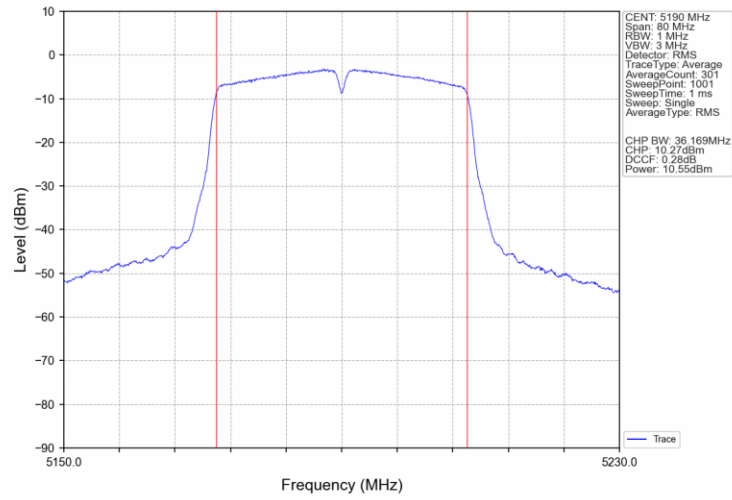
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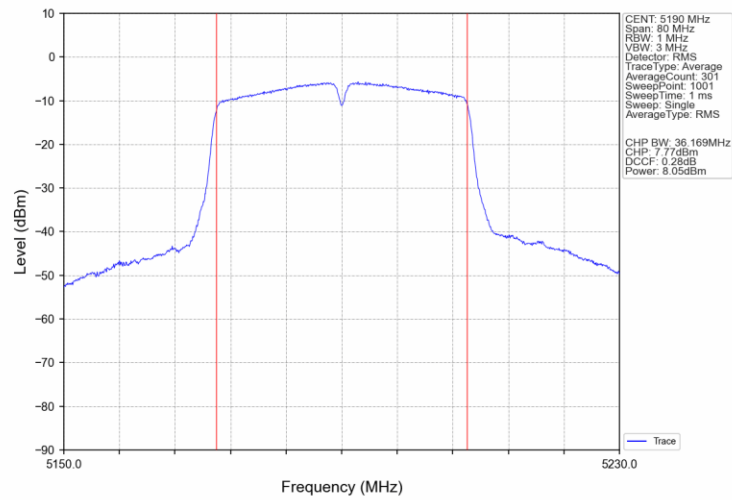
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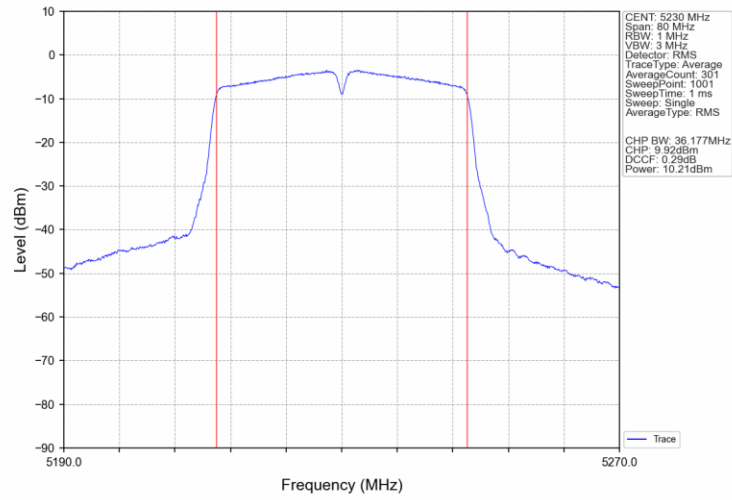
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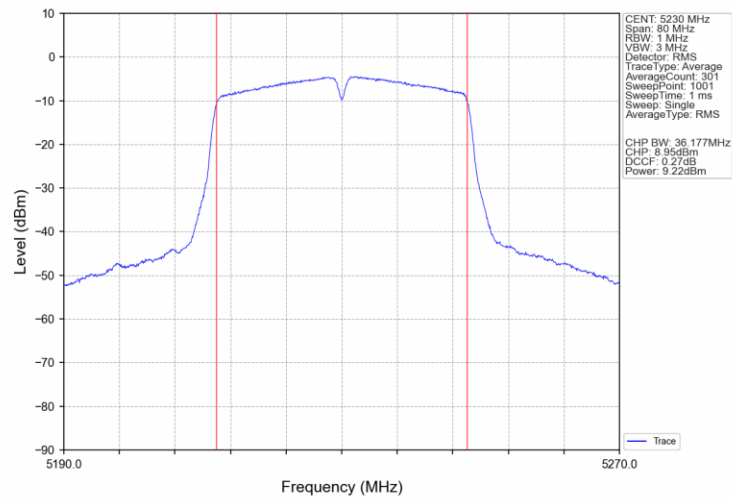
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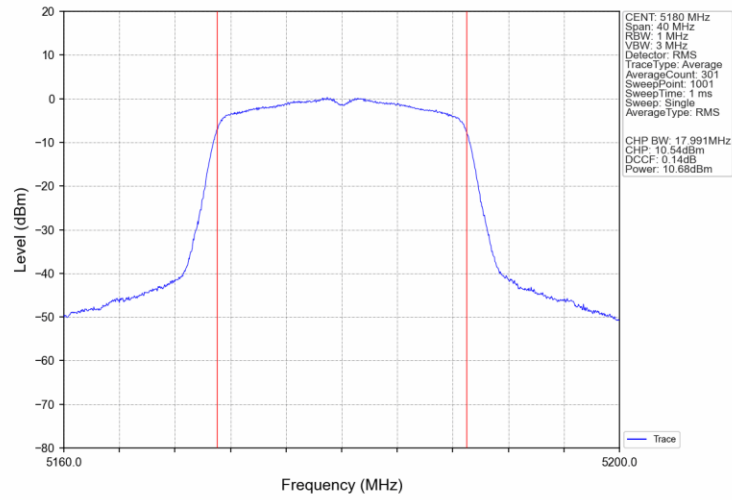
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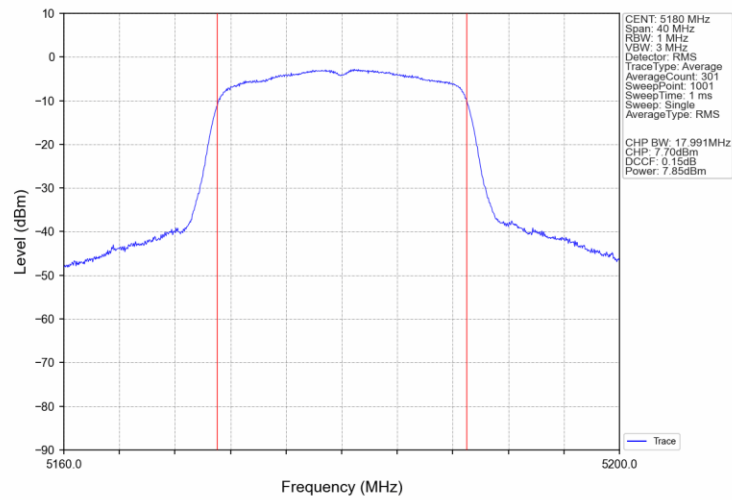
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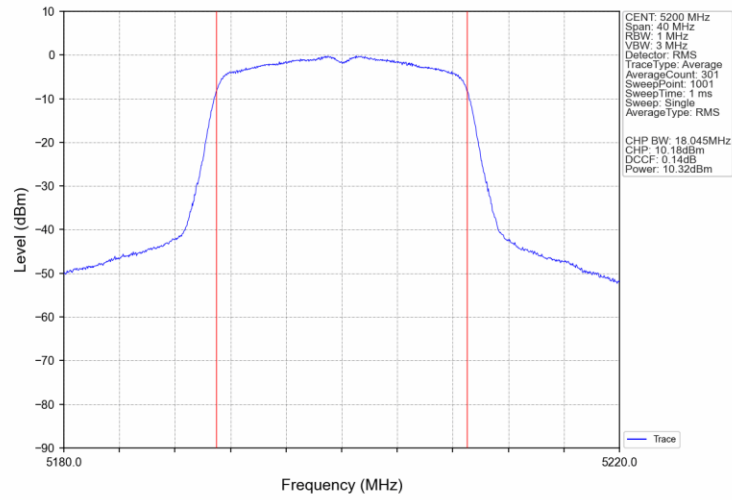
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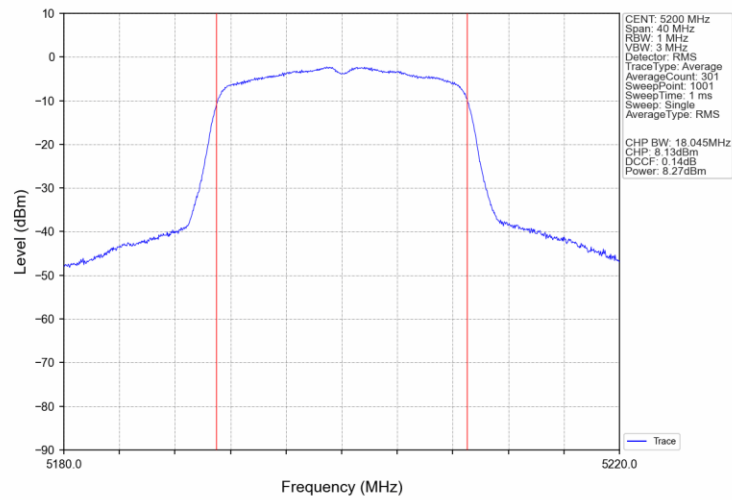
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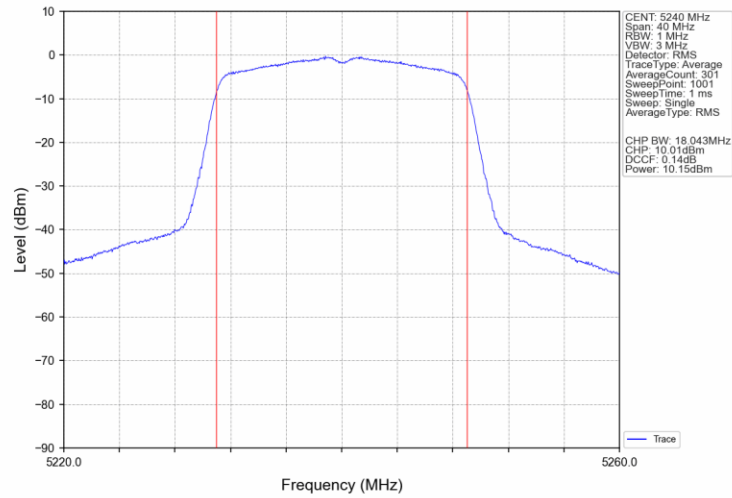
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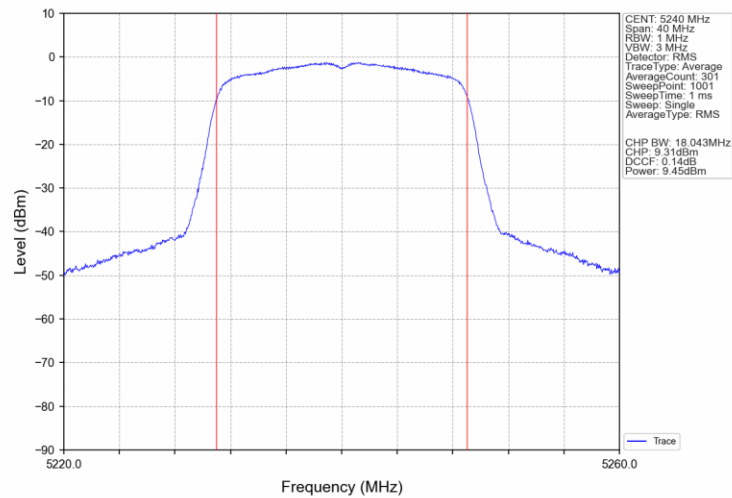
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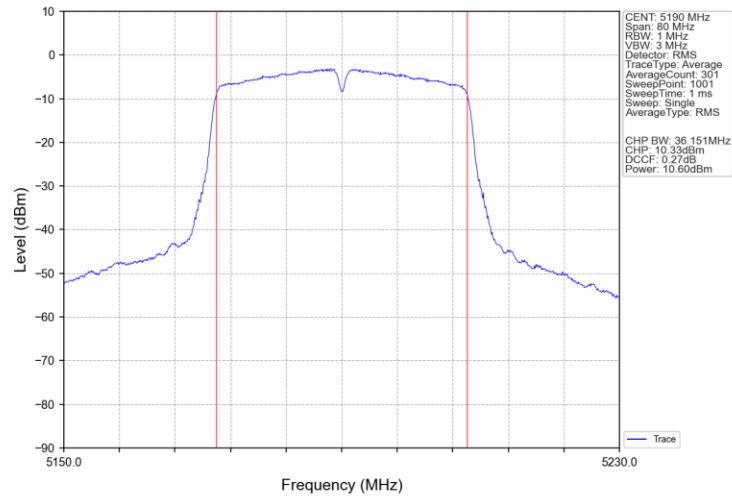
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



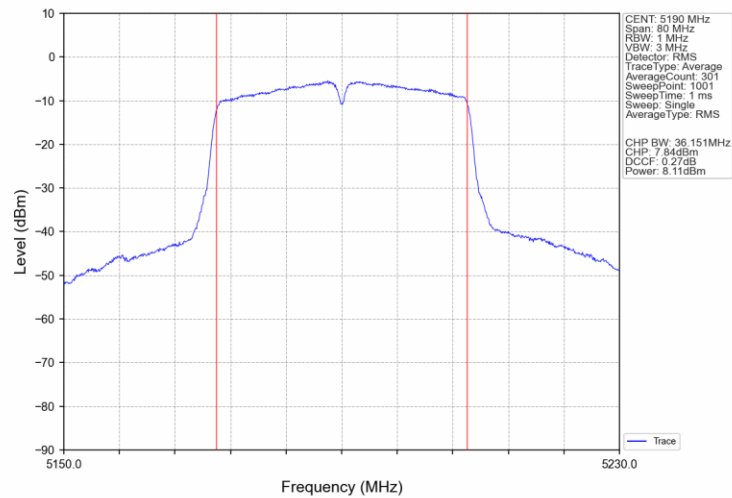
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



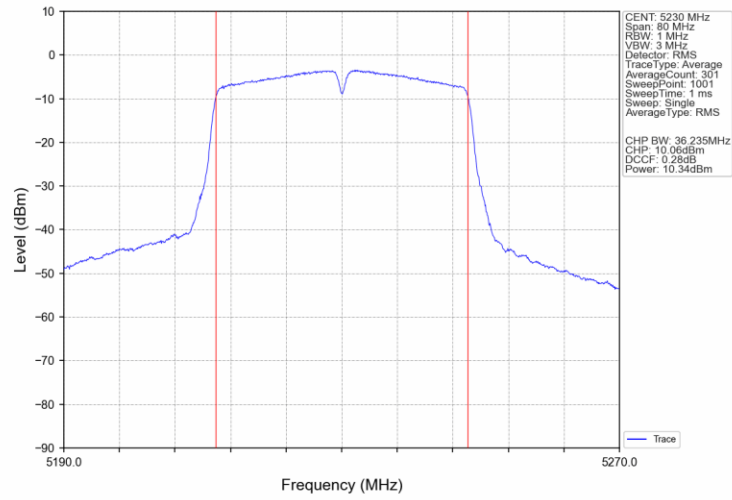
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



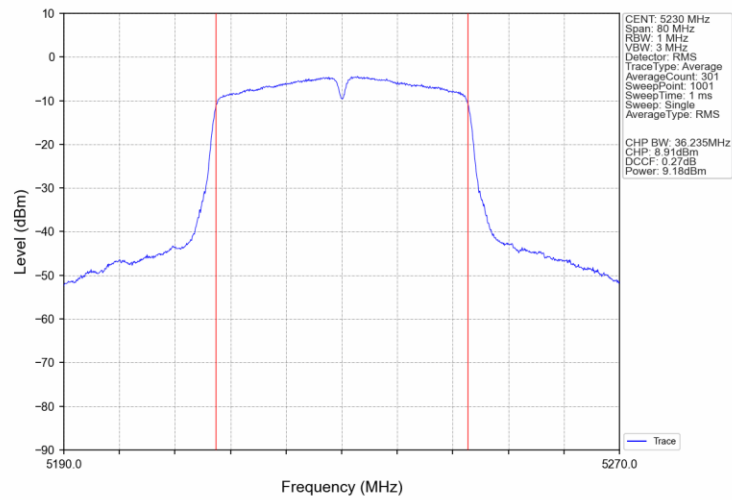
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

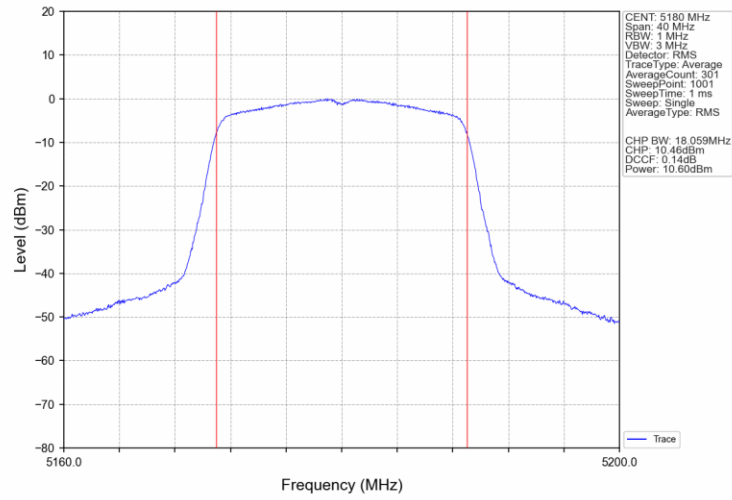


802.11n(HT40)_HCH_5230MHz_Ant2_NTNV

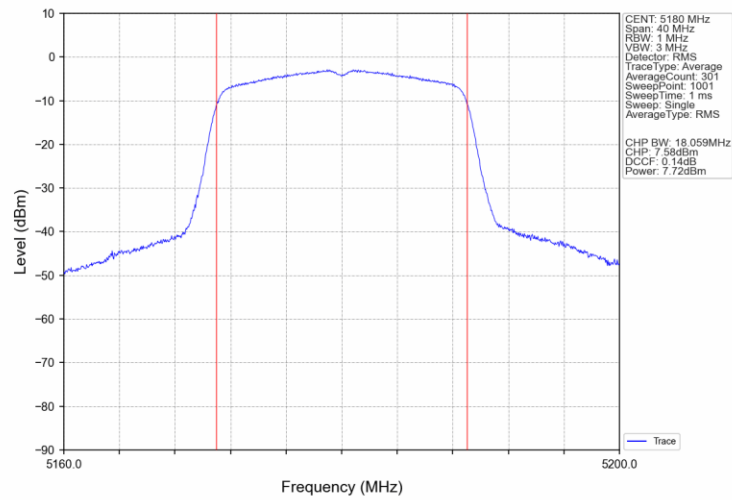




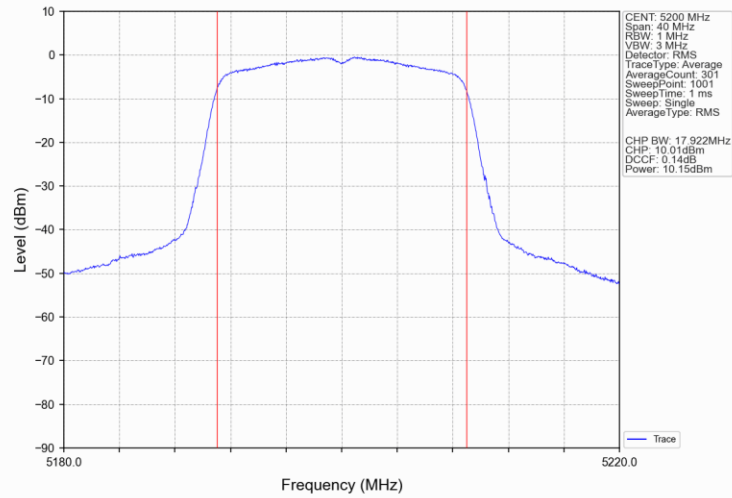
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



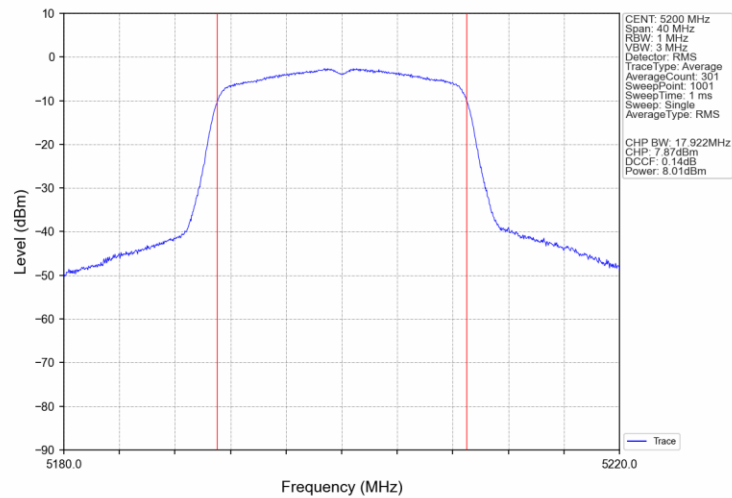
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



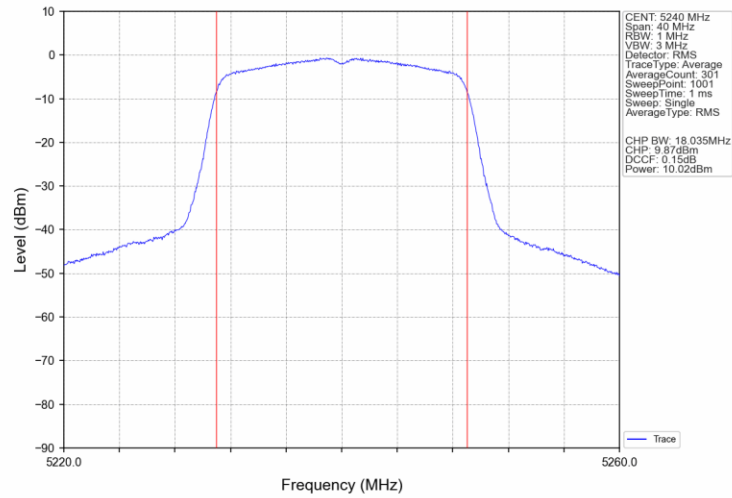
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV

