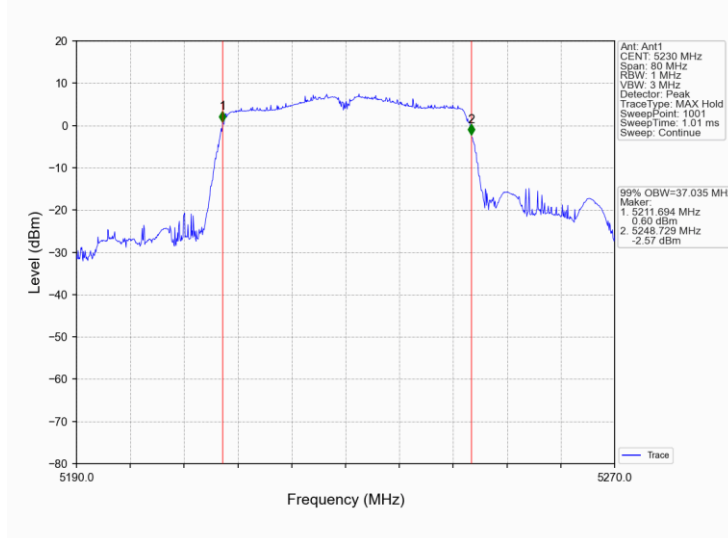
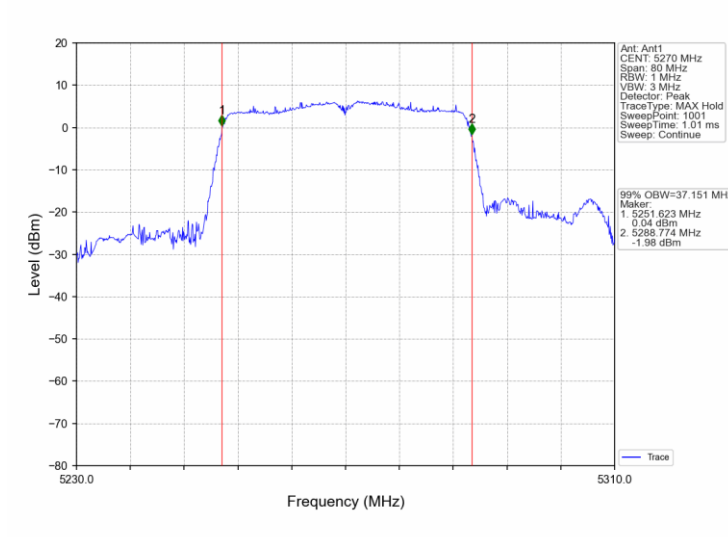


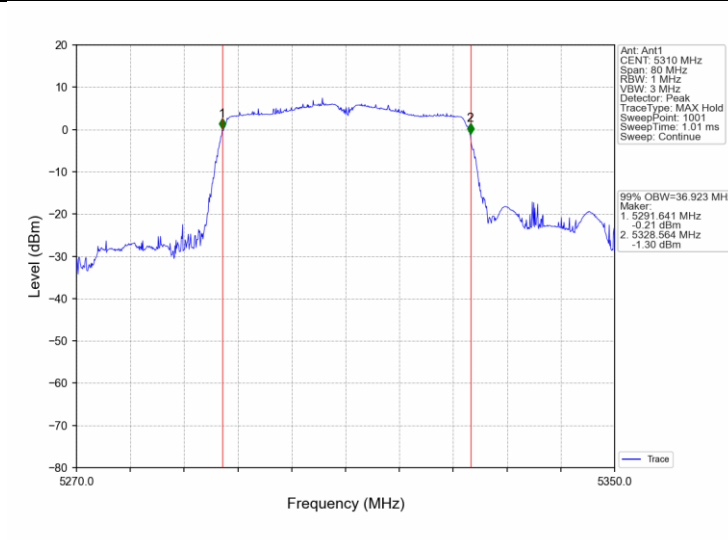
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



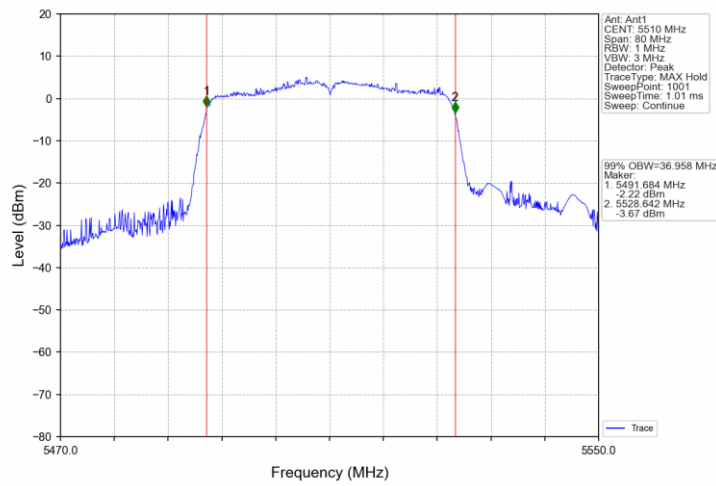
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



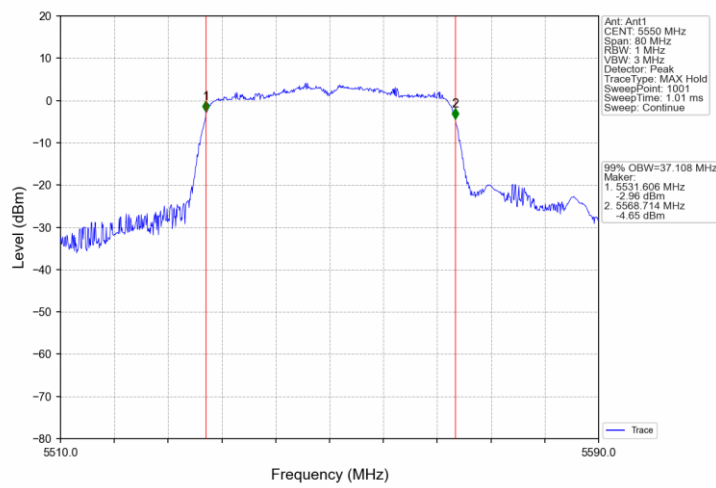
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



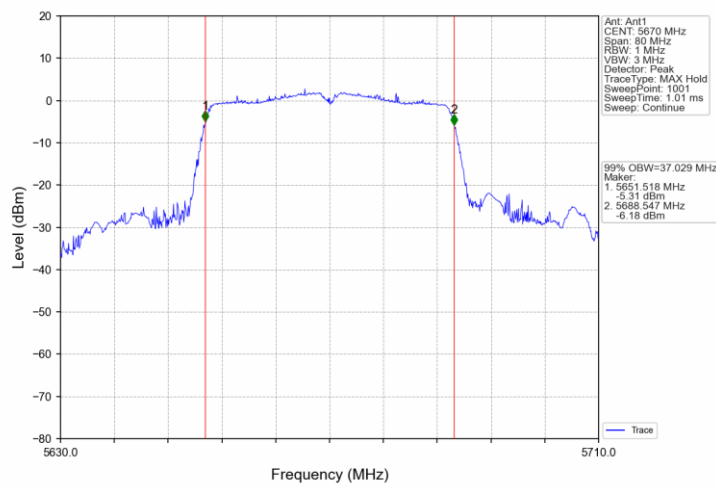
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



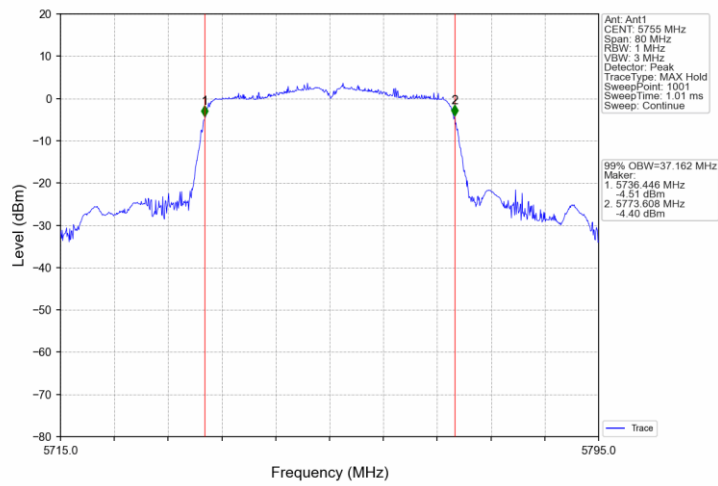
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



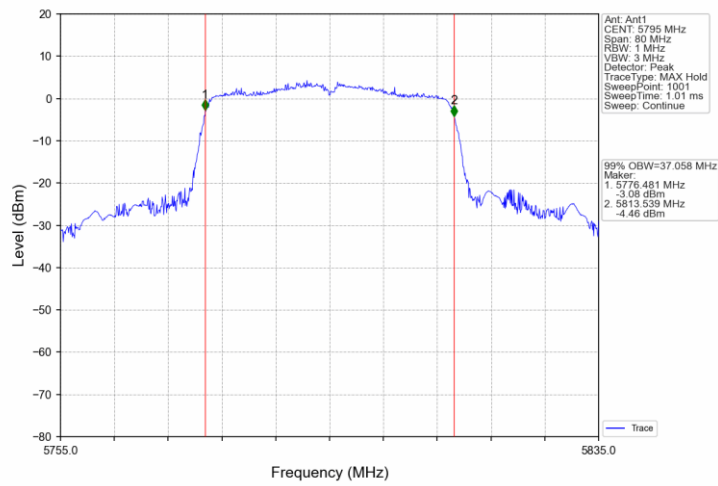
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



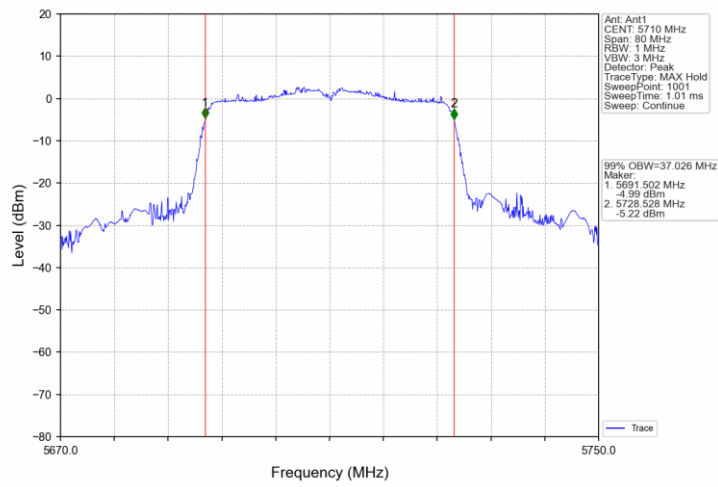
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



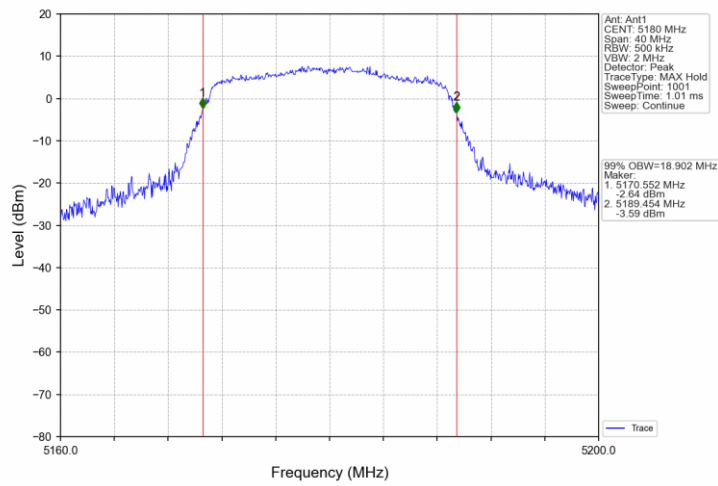
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



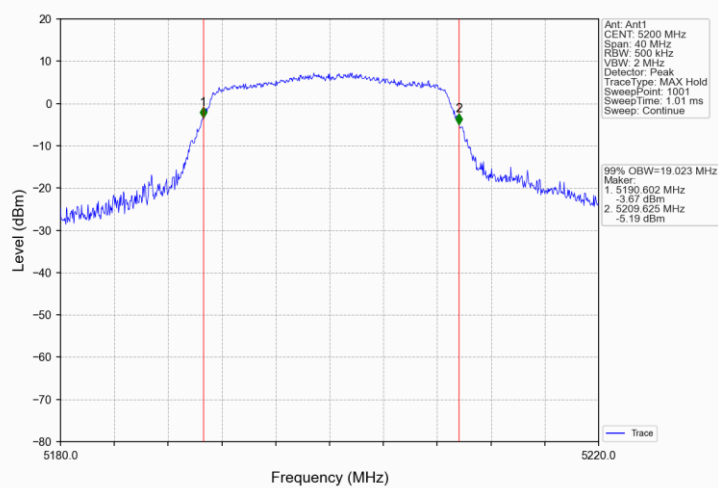
802.11n(HT40)_HCH_5710MHz_Ant1_NTNV



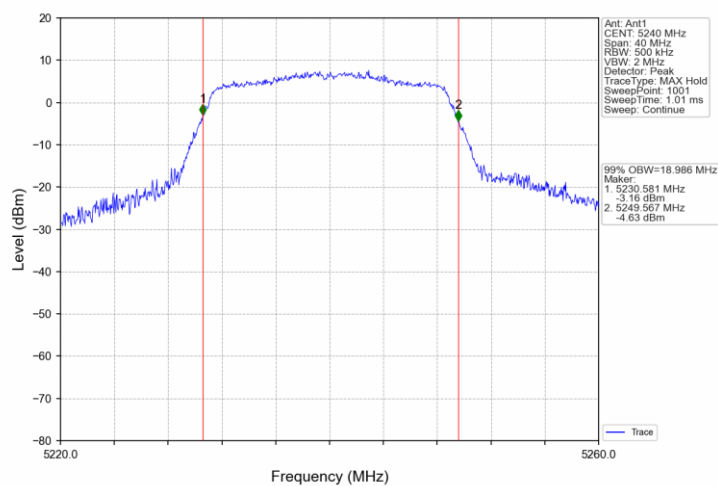
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



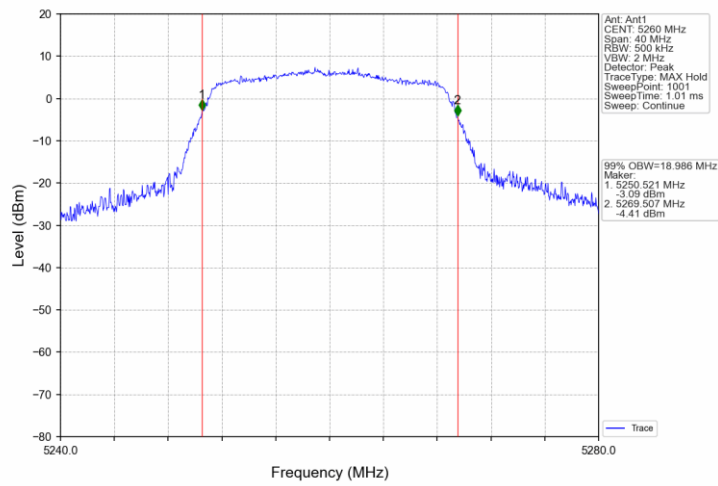
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



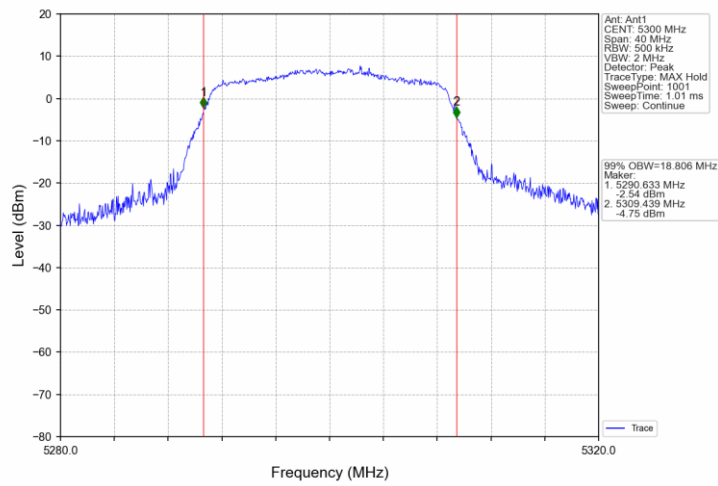
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



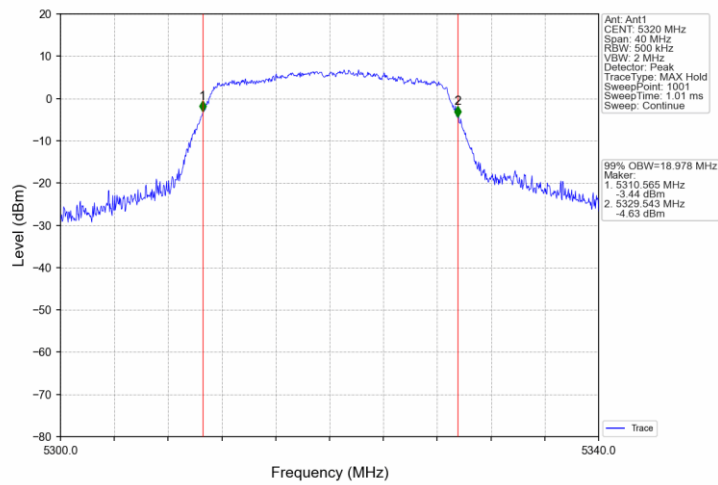
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



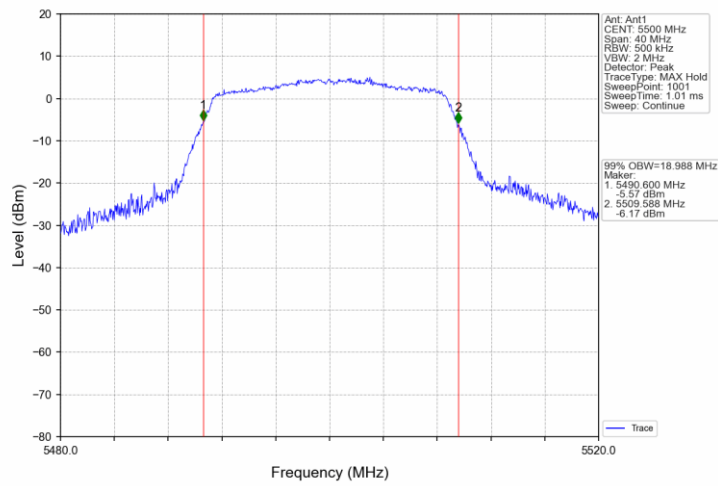
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



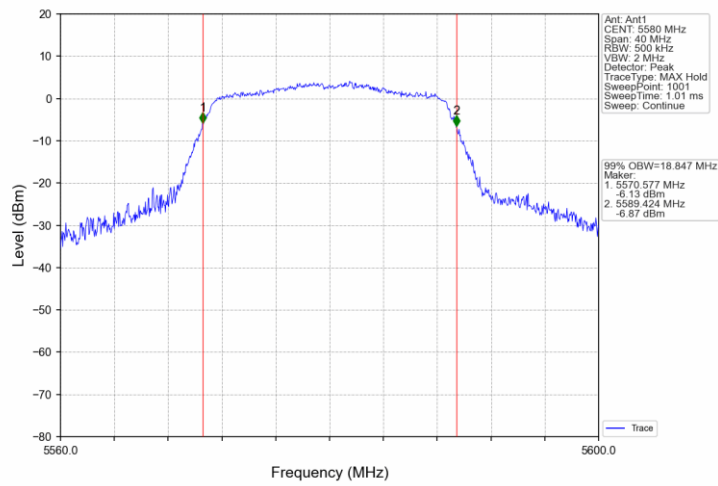
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



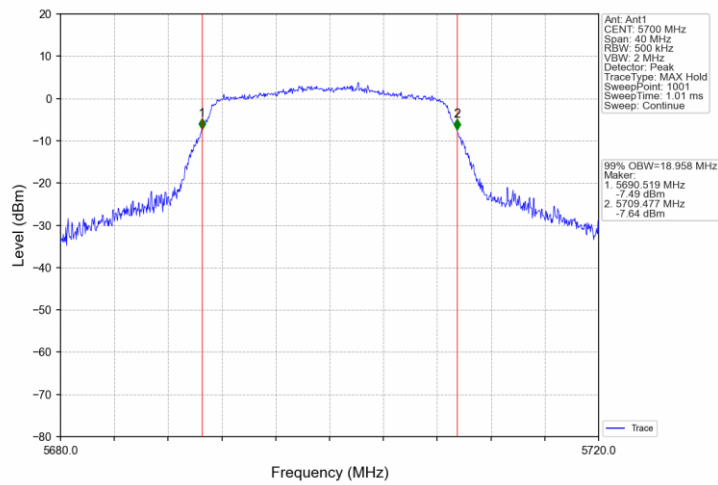
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



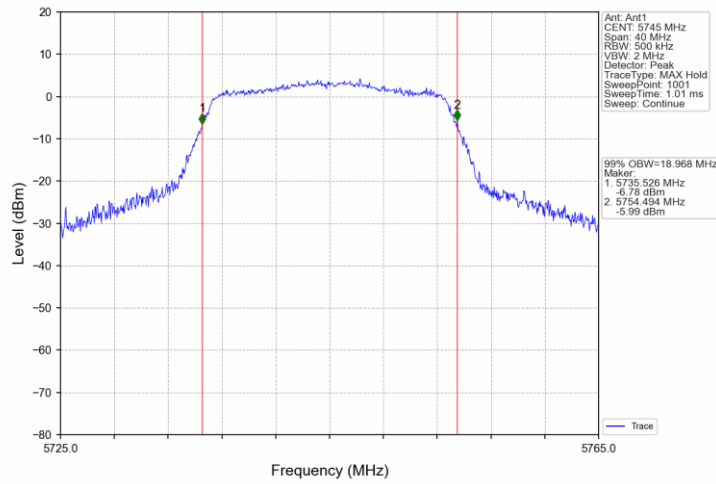
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



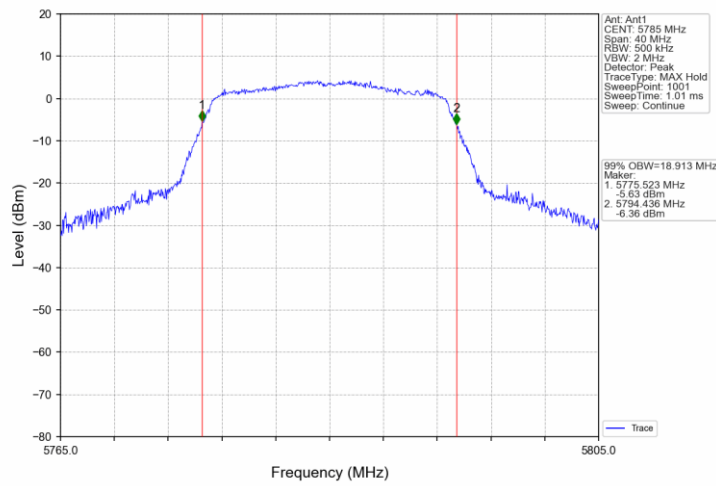
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



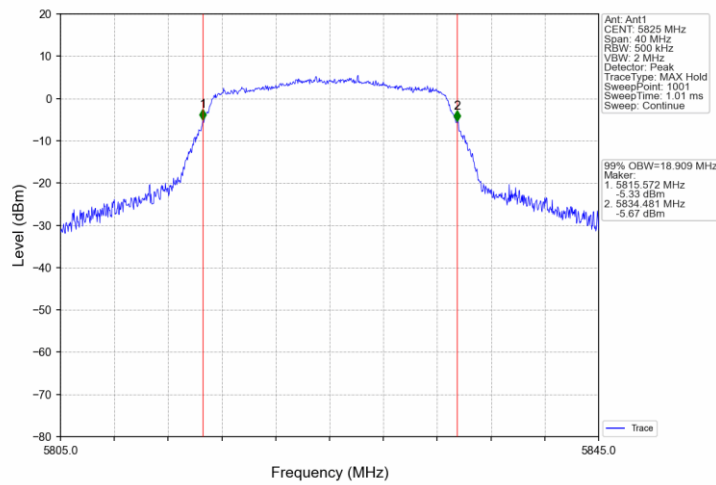
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



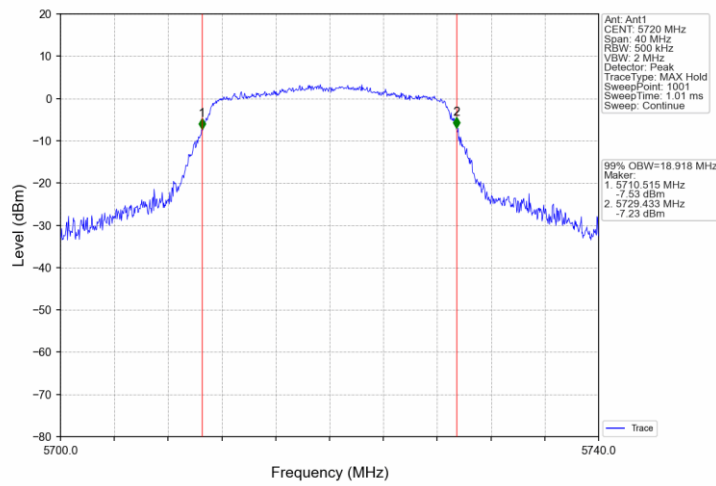
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



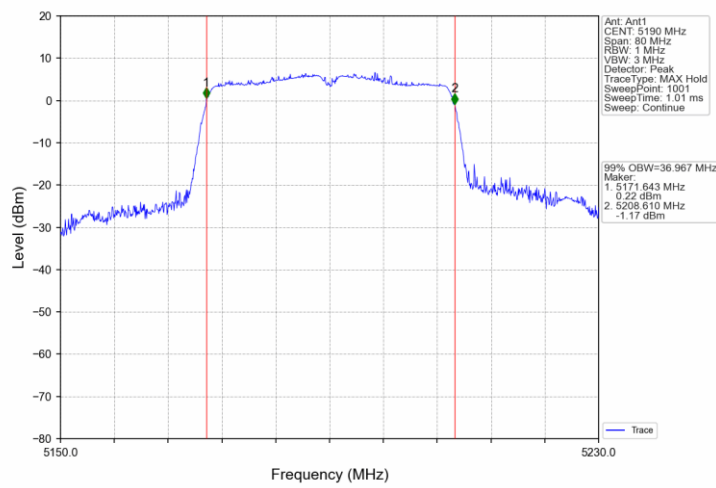
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



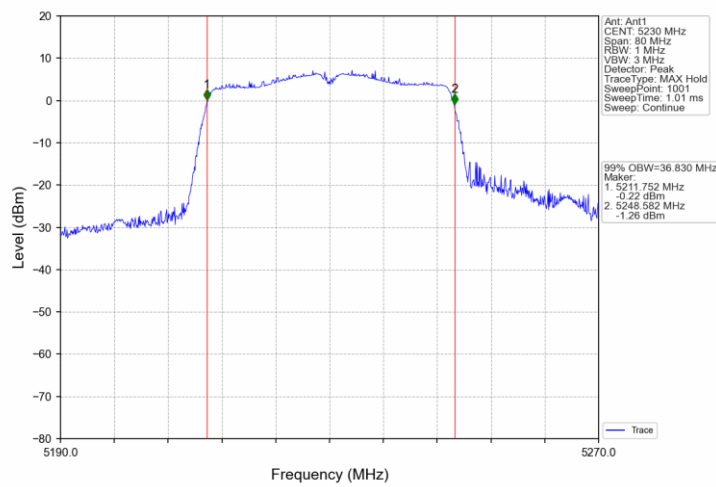
802.11ac(VHT20)_HCH_5720MHz_Ant1_NTNV



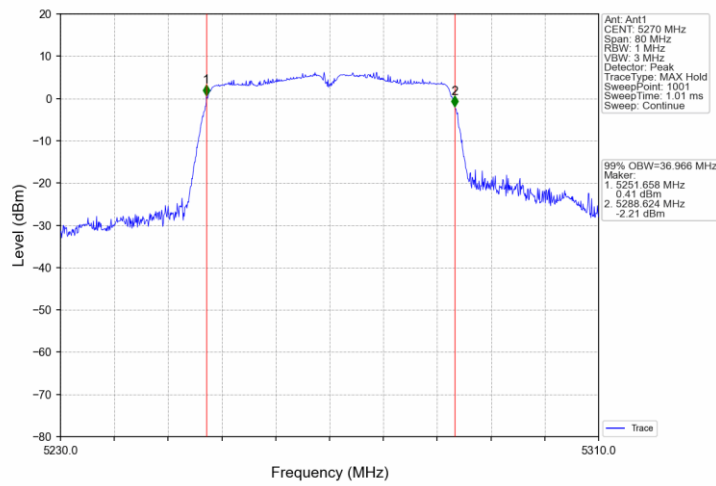
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



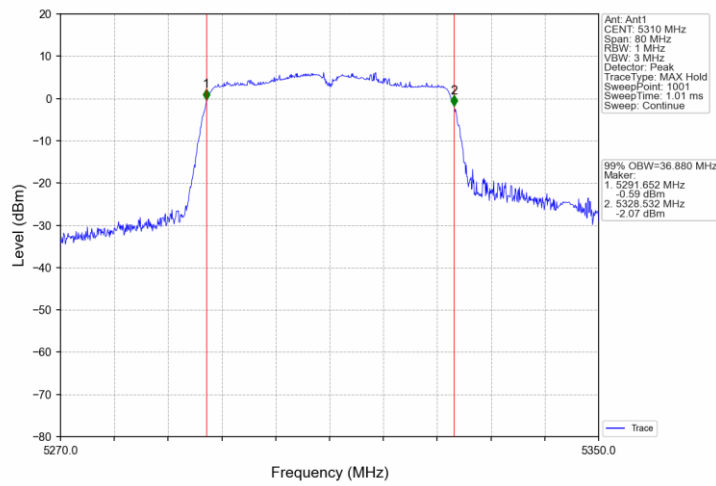
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



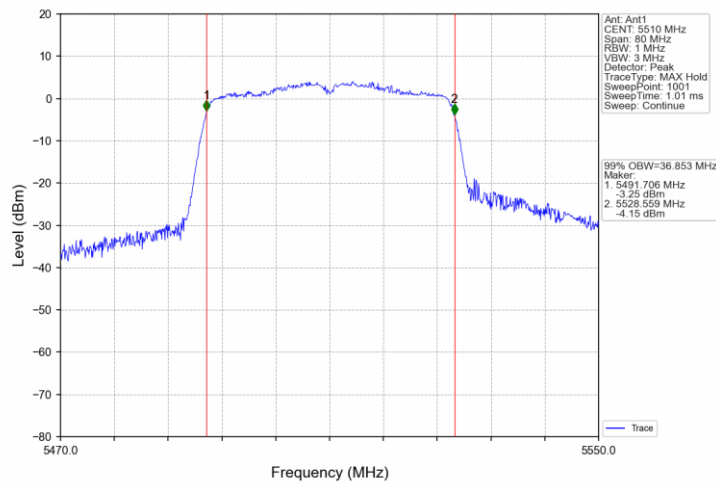
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



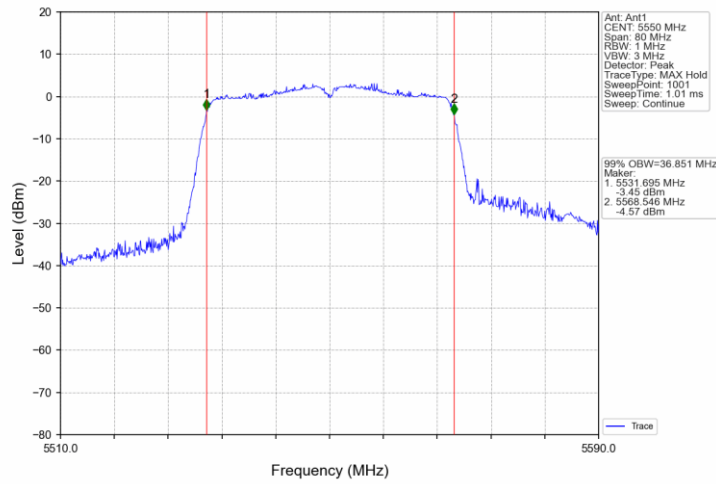
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



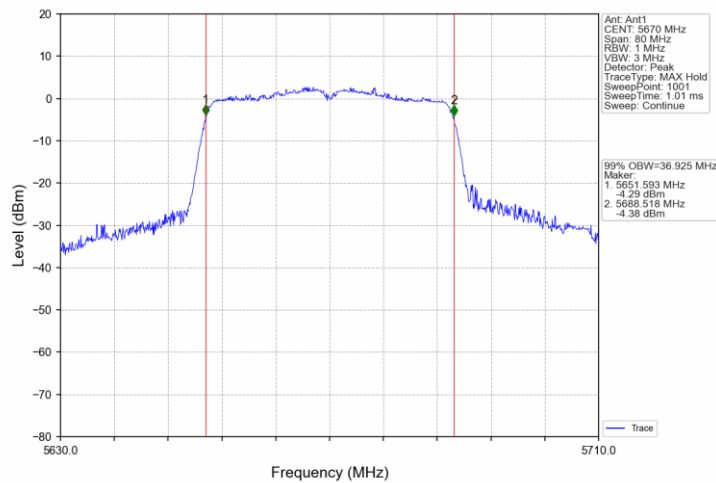
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



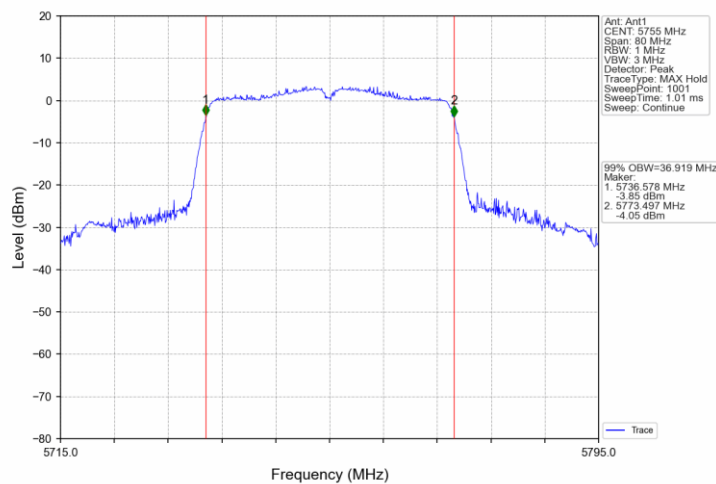
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



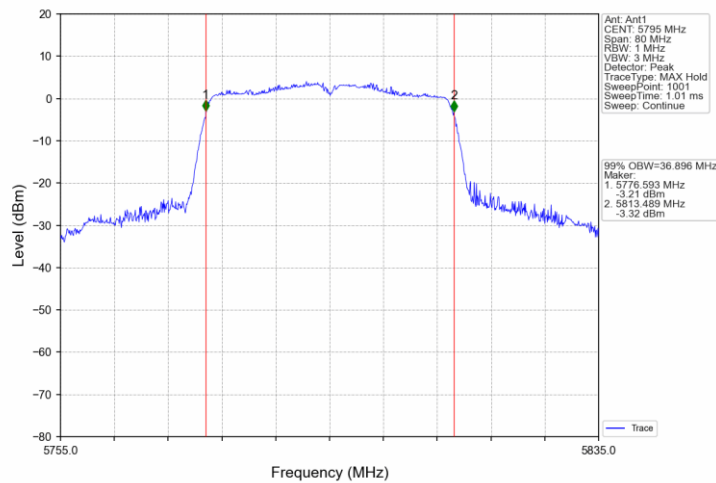
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



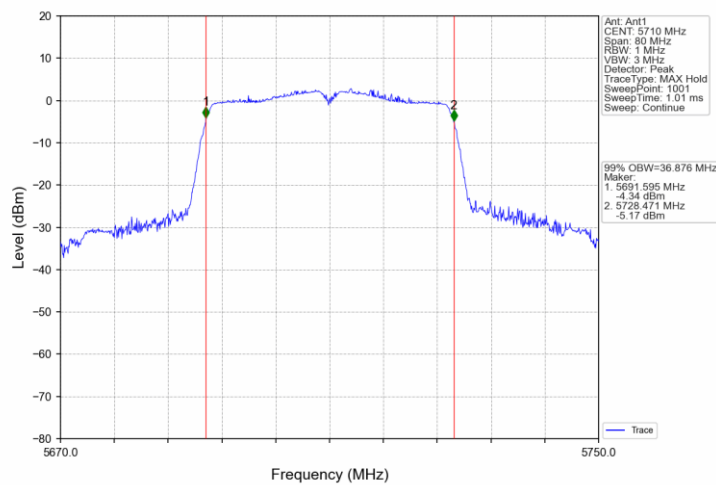
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



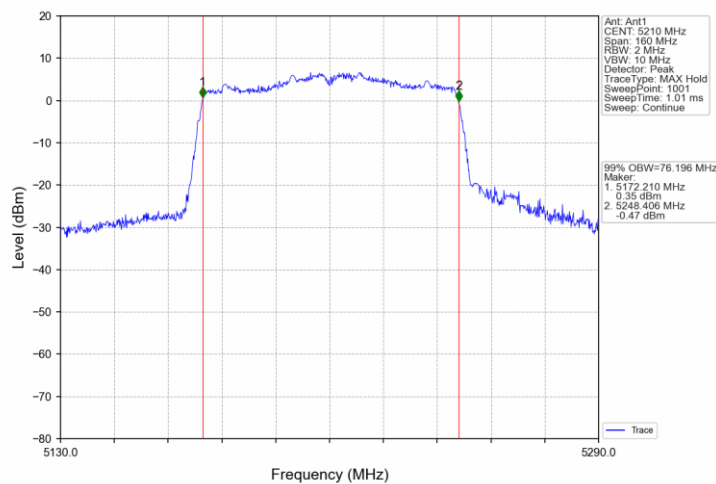
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



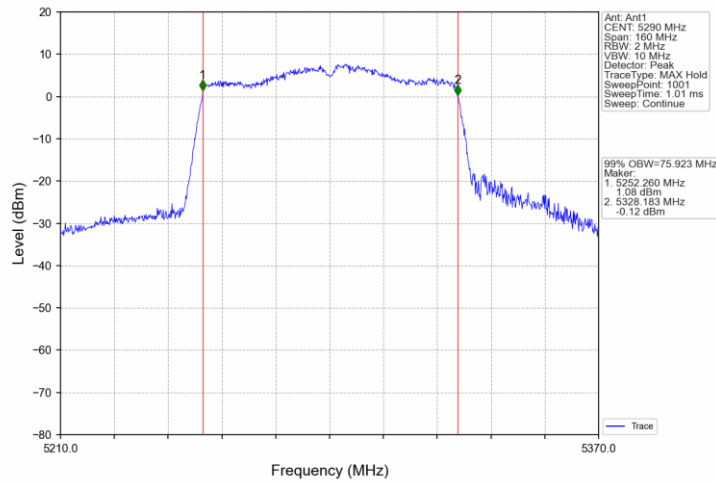
802.11ac(VHT40)_HCH_5710MHz_Ant1_NTNV



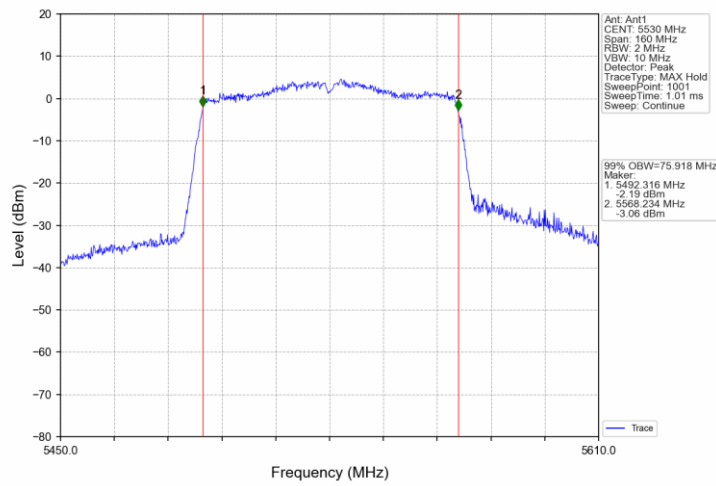
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



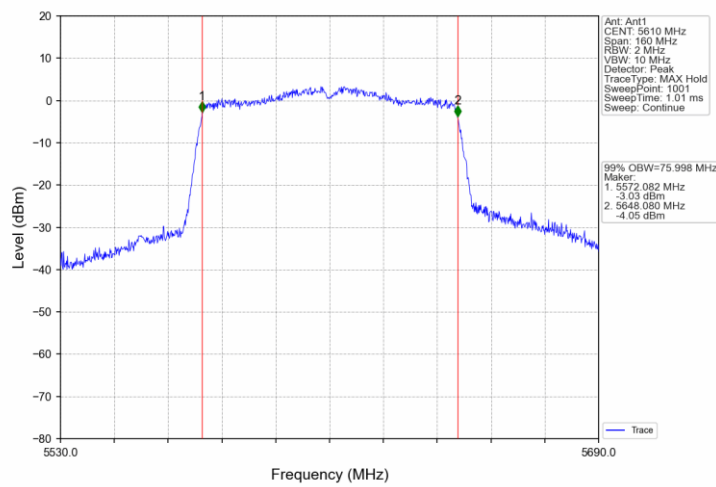
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



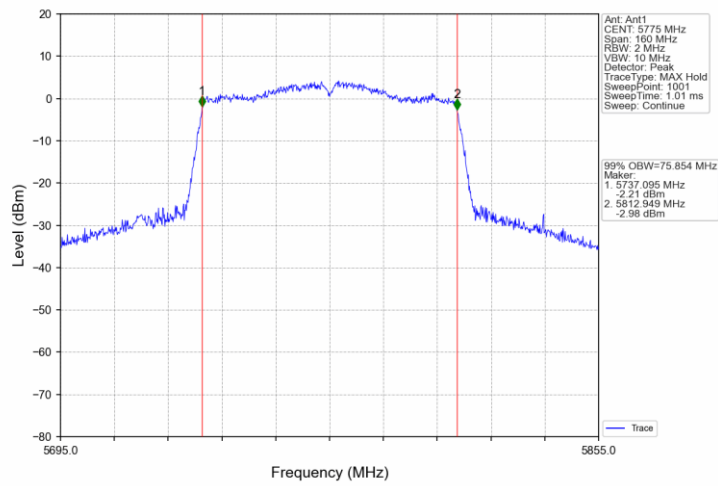
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



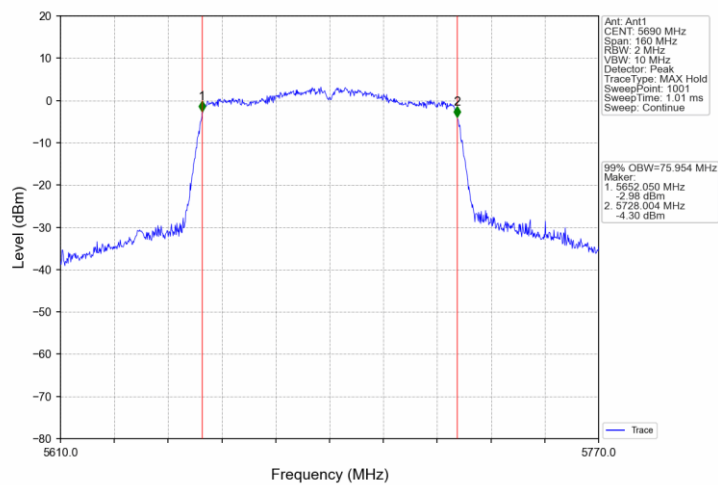
802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5690MHz_Ant1_NTNV

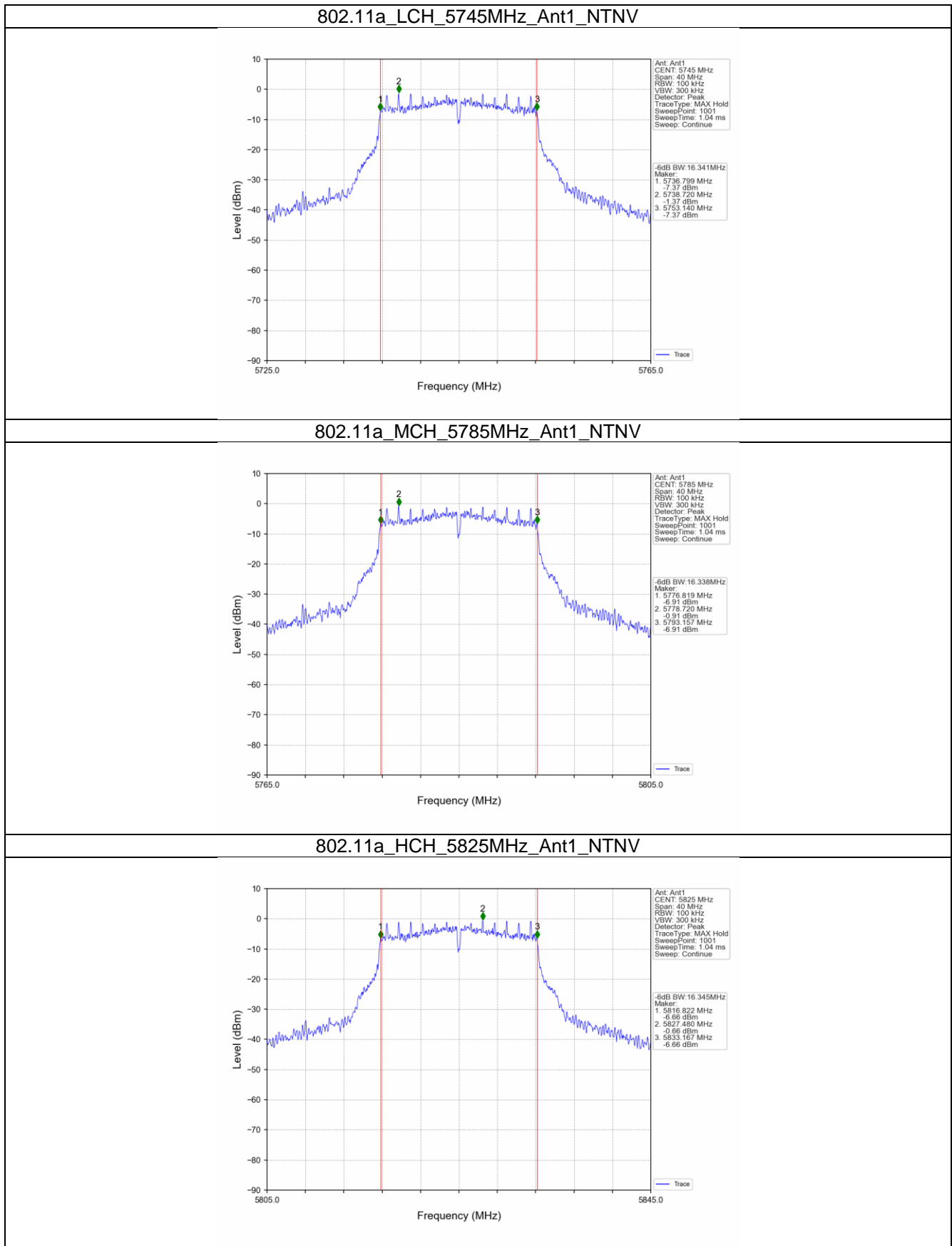


Appendix A3: 6dB bandwidth

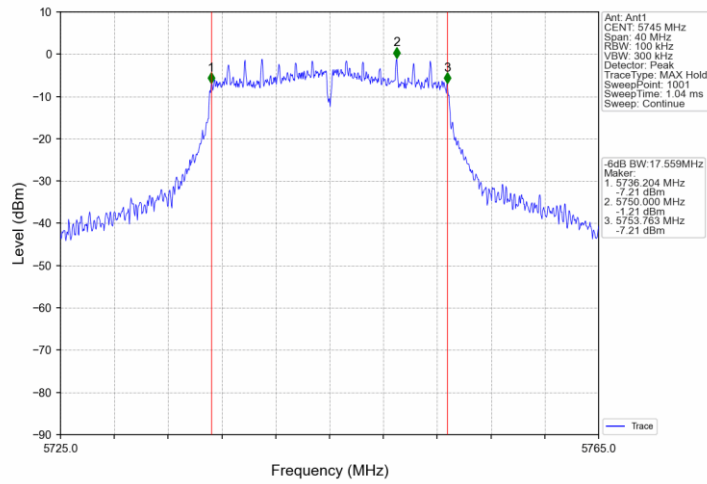
Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.341	≥ 0.5	Pass
		5785	1	16.338	≥ 0.5	Pass
		5825	1	16.345	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	17.559	≥ 0.5	Pass
		5785	1	17.323	≥ 0.5	Pass
		5825	1	17.358	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	36.088	≥ 0.5	Pass
		5795	1	36.076	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.569	≥ 0.5	Pass
		5785	1	17.541	≥ 0.5	Pass
		5825	1	17.214	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.854	≥ 0.5	Pass
		5795	1	36.063	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.256	≥ 0.5	Pass

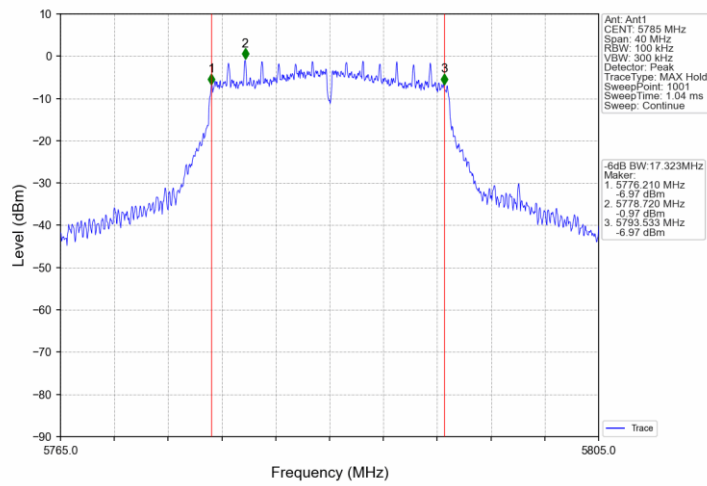
Test Graphs



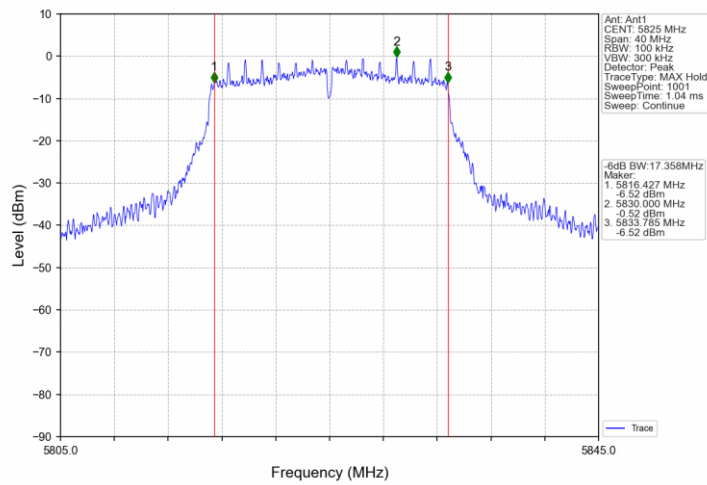
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



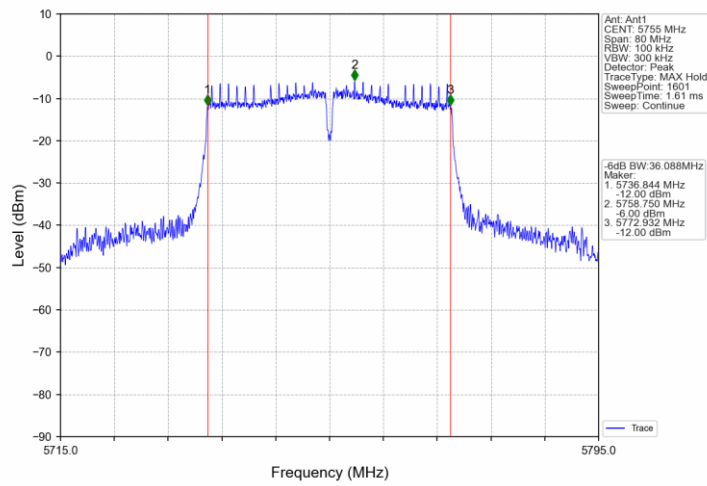
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



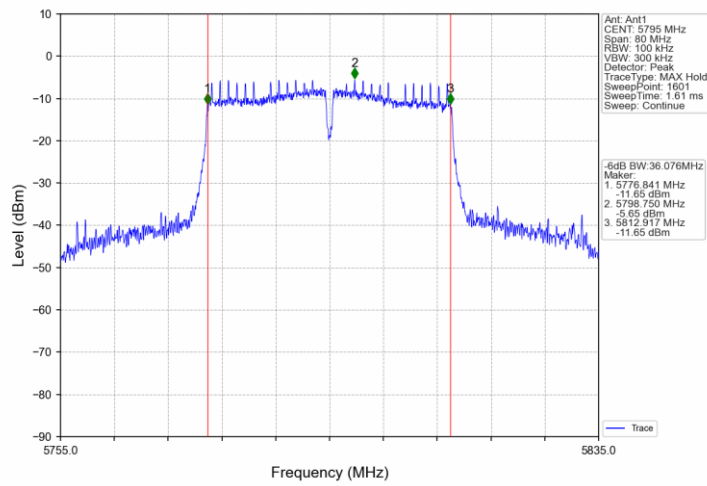
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



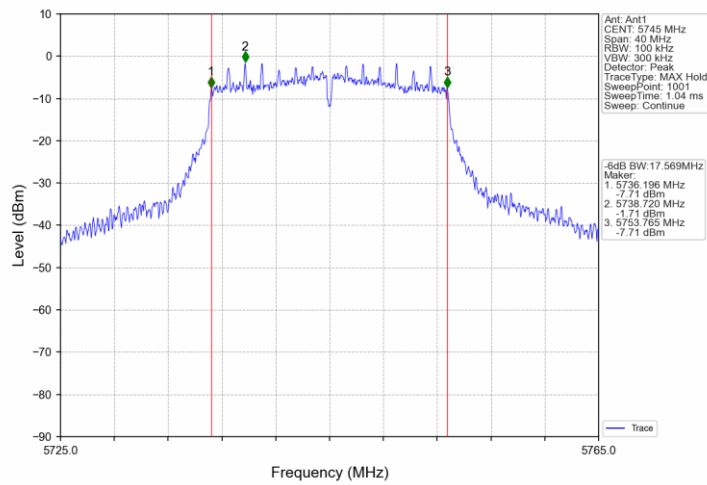
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



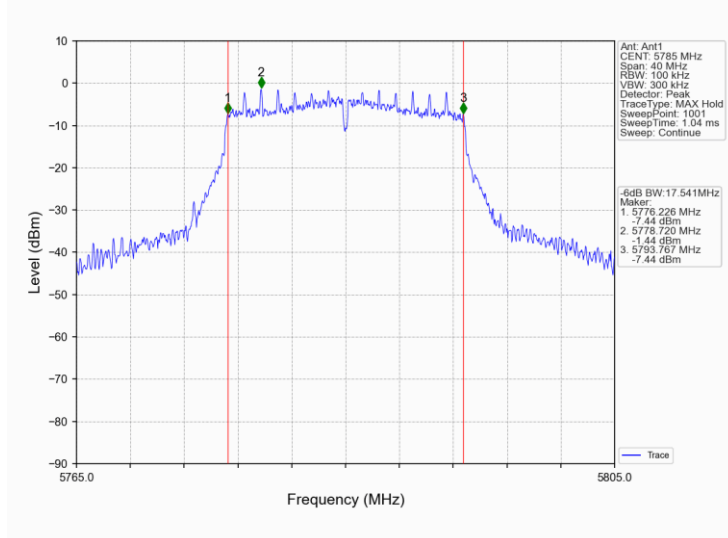
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



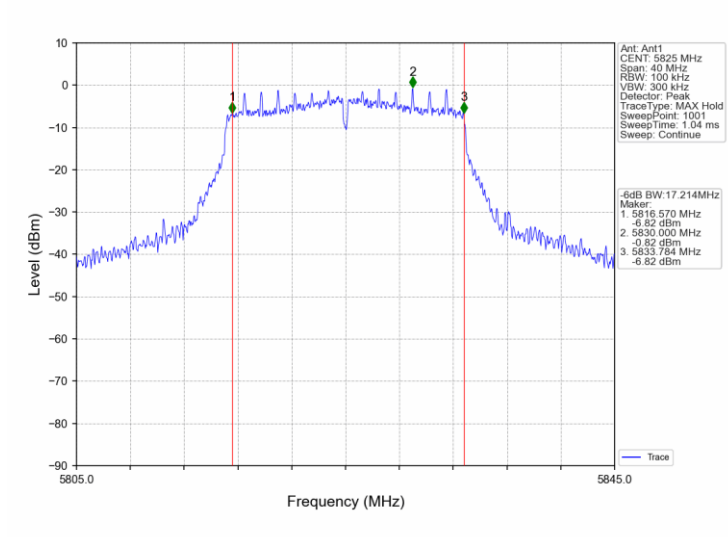
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



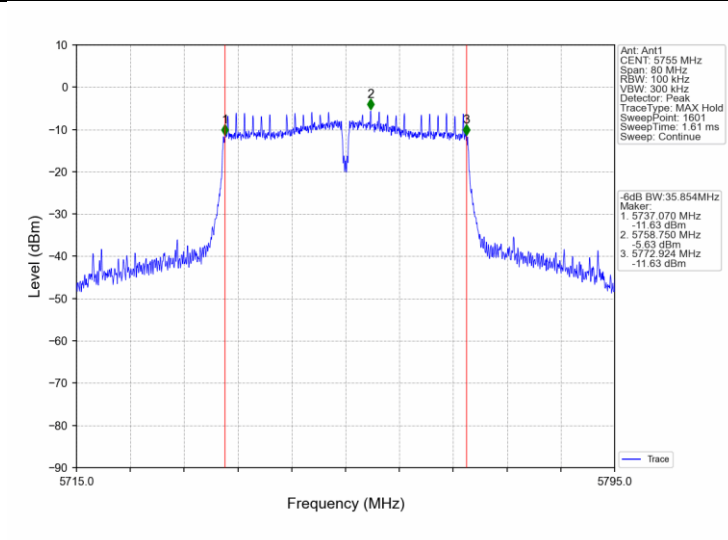
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



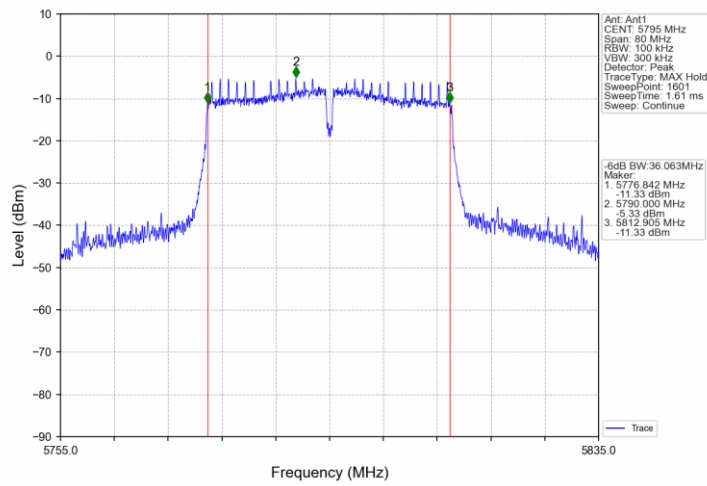
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



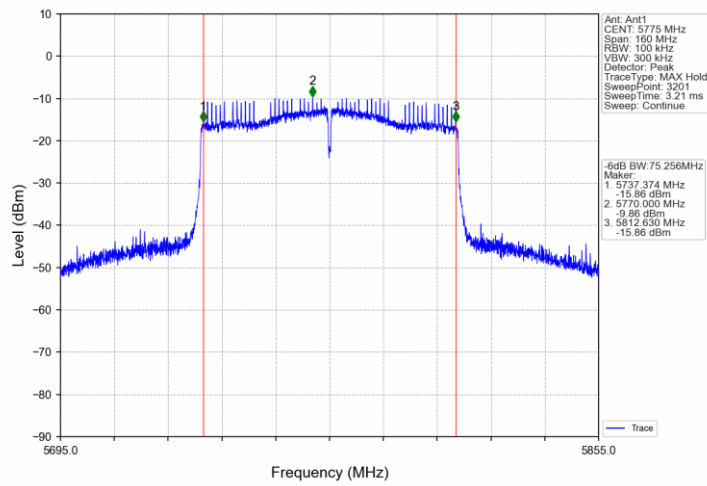
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



Appendix B: Maximum conducted output power

Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			Results	Limit	
802.11a	SISO	5180	13.39	<=23.98	Pass
		5200	12.97	<=23.98	Pass
		5240	13.24	<=23.98	Pass
		5260	12.73	<=23.98	Pass
		5300	12.70	<=23.98	Pass
		5320	12.38	<=23.98	Pass
		5500	9.99	<=23.98	Pass
		5580	9.59	<=23.98	Pass
		5700	9.15	<=23.98	Pass
		5745	9.65	<=30	Pass
		5785	10.18	<=30	Pass
		5825	10.43	<=30	Pass
802.11n (HT20)	SISO	5720	9.36	<=23.98	Pass
		5180	12.91	<=23.98	Pass
		5200	12.58	<=23.98	Pass
		5240	12.68	<=23.98	Pass
		5260	12.16	<=23.98	Pass
		5300	12.32	<=23.98	Pass
		5320	12.06	<=23.98	Pass
		5500	9.91	<=23.98	Pass
		5580	9.25	<=23.98	Pass
		5700	8.68	<=23.98	Pass
		5745	9.25	<=30	Pass
		5785	9.70	<=30	Pass
802.11n (HT40)	SISO	5825	10.15	<=30	Pass
		5720	8.68	<=23.98	Pass
		5190	11.52	<=23.98	Pass
		5230	11.67	<=23.98	Pass
		5270	10.89	<=23.98	Pass
		5310	10.99	<=23.98	Pass
		5510	8.59	<=23.98	Pass
		5550	7.93	<=23.98	Pass
		5670	6.65	<=23.98	Pass
		5755	7.49	<=30	Pass
802.11ac (VHT20)	SISO	5795	7.95	<=30	Pass
		5710	6.84	<=23.98	Pass
		5180	12.50	<=23.98	Pass
		5200	12.12	<=23.98	Pass
		5240	12.18	<=23.98	Pass
		5260	11.82	<=23.98	Pass
		5300	11.86	<=23.98	Pass
		5320	11.77	<=23.98	Pass
		5500	9.60	<=23.98	Pass
		5580	8.76	<=23.98	Pass
		5700	8.09	<=23.98	Pass
		5745	8.72	<=30	Pass
802.11ac (VHT40)	SISO	5785	9.21	<=30	Pass
		5825	9.79	<=30	Pass
		5720	8.32	<=23.98	Pass
		5190	11.11	<=23.98	Pass
		5230	11.07	<=23.98	Pass



		5270	10.54	<=23.98	Pass
		5310	10.51	<=23.98	Pass
		5510	8.18	<=23.98	Pass
		5550	7.34	<=23.98	Pass
		5670	6.94	<=23.98	Pass
		5755	7.73	<=30	Pass
		5795	7.97	<=30	Pass
		5710	7.07	<=23.98	Pass
802.11ac (VHT80)	SISO	5210	10.03	<=23.98	Pass
		5290	9.86	<=23.98	Pass
		5530	6.71	<=23.98	Pass
		5610	5.78	<=23.98	Pass
		5775	6.45	<=30	Pass
		5690	5.62	<=23.98	Pass

Appendix C: Maximum power spectral density

Test Result

For U-NII-1 & U-NII-2A & U-NII-2C

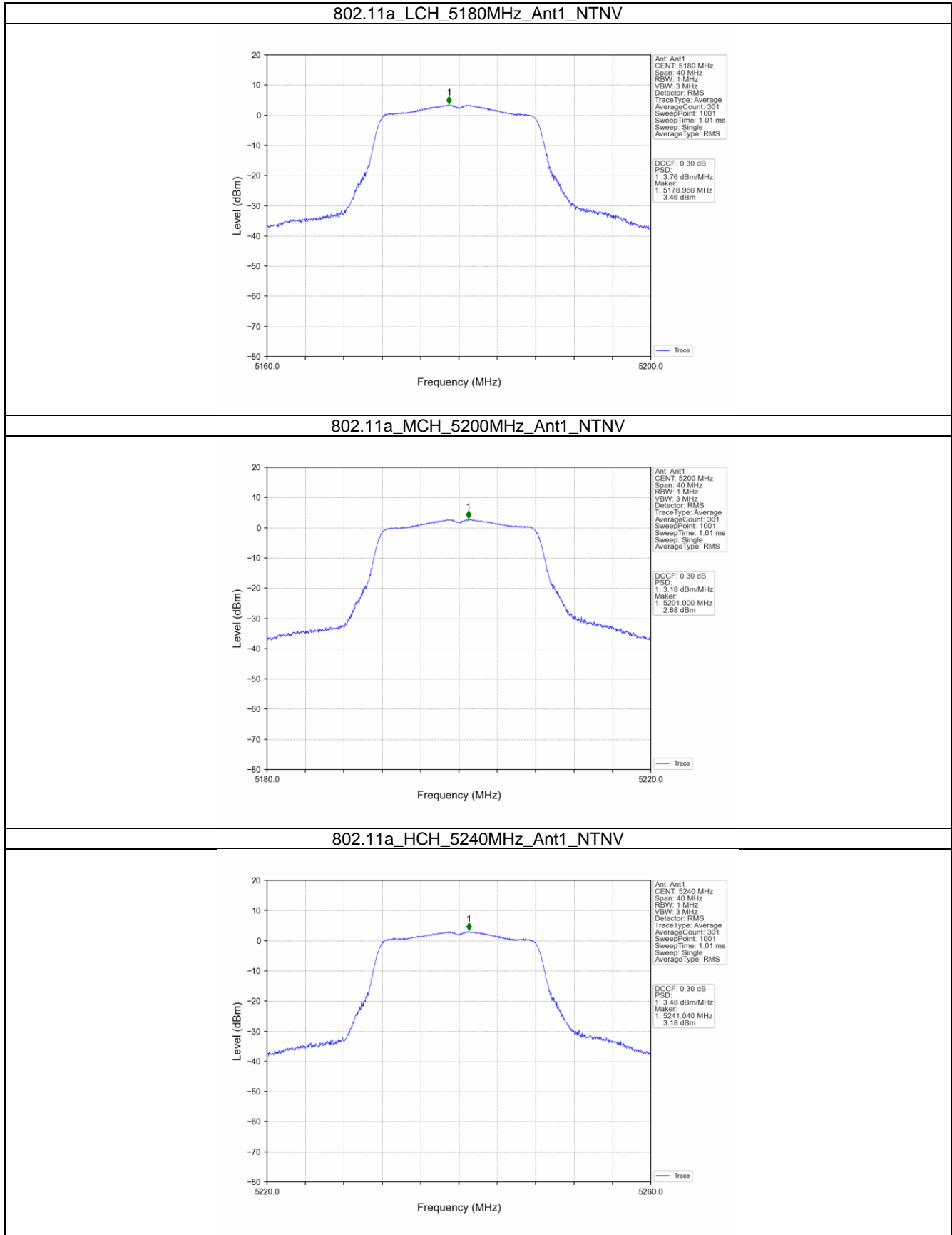
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			Results	Limit	
802.11a	SISO	5180	3.76	<=11	Pass
		5200	3.18	<=11	Pass
		5240	3.48	<=11	Pass
		5260	2.96	<=11	Pass
		5300	2.95	<=11	Pass
		5320	2.55	<=11	Pass
		5500	0.26	<=11	Pass
		5580	-0.09	<=11	Pass
		5700	-0.69	<=11	Pass
		5720	-0.50	<=11	Pass
802.11n (HT20)	SISO	5180	3.09	<=11	Pass
		5200	2.55	<=11	Pass
		5240	2.51	<=11	Pass
		5260	2.21	<=11	Pass
		5300	2.44	<=11	Pass
		5320	2.16	<=11	Pass
		5500	0.18	<=11	Pass
		5580	-0.71	<=11	Pass
		5700	-1.34	<=11	Pass
		5720	-1.37	<=11	Pass
802.11n (HT40)	SISO	5190	-1.73	<=11	Pass
		5230	-1.24	<=11	Pass
		5270	-2.31	<=11	Pass
		5310	-2.01	<=11	Pass
		5510	-4.43	<=11	Pass
		5550	-5.17	<=11	Pass
		5670	-6.50	<=11	Pass
		5710	-5.95	<=11	Pass
802.11ac (VHT20)	SISO	5180	2.53	<=11	Pass
		5200	2.02	<=11	Pass
		5240	2.17	<=11	Pass
		5260	1.95	<=11	Pass
		5300	1.98	<=11	Pass
		5320	1.69	<=11	Pass
		5500	-0.45	<=11	Pass
		5580	-1.06	<=11	Pass
		5700	-1.90	<=11	Pass
		5720	-1.67	<=11	Pass
802.11ac (VHT40)	SISO	5190	-1.96	<=11	Pass
		5230	-1.85	<=11	Pass
		5270	-2.59	<=11	Pass
		5310	-2.32	<=11	Pass
		5510	-4.71	<=11	Pass
		5550	-5.43	<=11	Pass
		5670	-6.12	<=11	Pass
		5710	-5.80	<=11	Pass
802.11ac (VHT80)	SISO	5210	-5.69	<=11	Pass
		5290	-5.92	<=11	Pass
		5530	-9.04	<=11	Pass
		5610	-10.12	<=11	Pass
		5690	-10.04	<=11	Pass

For U-NII-3

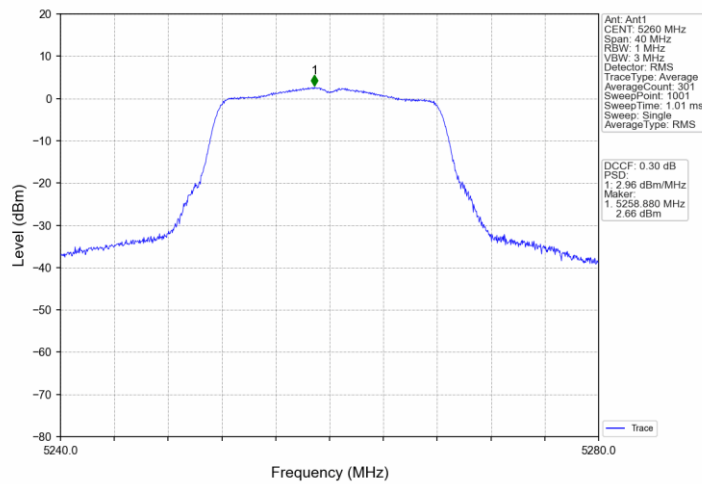
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-2.70	<=30	Pass
		5785	-2.27	<=30	Pass
		5825	-2.01	<=30	Pass
		5720	-3.39	<=30	Pass
802.11n (HT20)	SISO	5745	-3.65	<=30	Pass
		5785	-3.13	<=30	Pass
		5825	-2.49	<=30	Pass
		5720	-4.10	<=30	Pass
802.11n (HT40)	SISO	5755	-8.37	<=30	Pass
		5795	-8.08	<=30	Pass
		5710	-8.79	<=30	Pass
802.11ac (VHT20)	SISO	5745	-4.05	<=30	Pass
		5785	-3.66	<=30	Pass
		5825	-3.01	<=30	Pass
		5720	-4.44	<=30	Pass
802.11ac (VHT40)	SISO	5755	-8.18	<=30	Pass
		5795	-8.03	<=30	Pass
		5710	-8.97	<=30	Pass
802.11ac (VHT80)	SISO	5775	-12.23	<=30	Pass
		5690	-13.10	<=30	Pass

Test Graphs

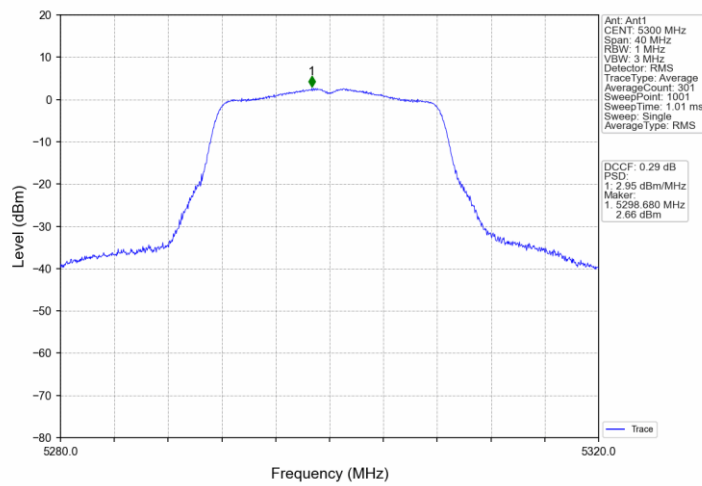
For U-NII-1 & U-NII-2A & U-NII-2C



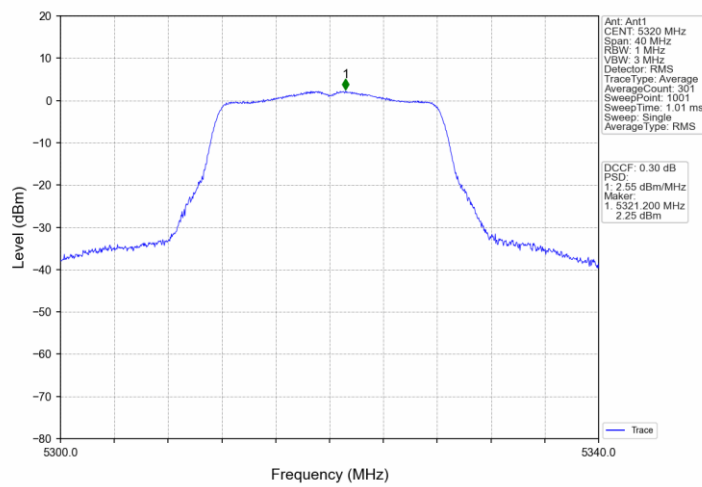
802.11a_LCH_5260MHz_Ant1_NTNV



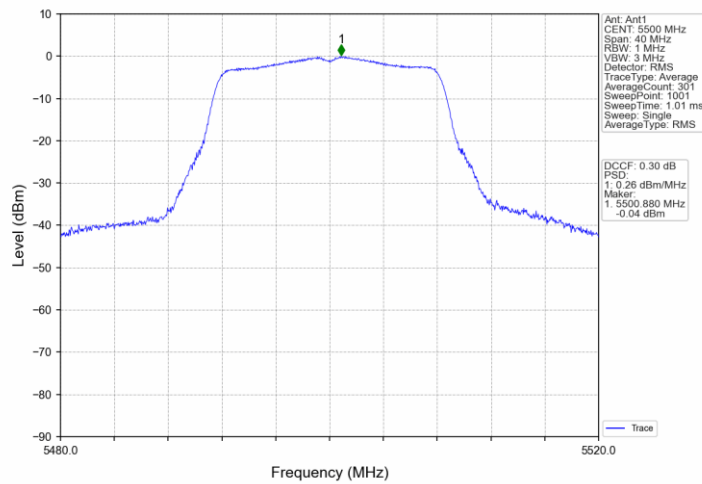
802.11a_MCH_5300MHz_Ant1_NTNV



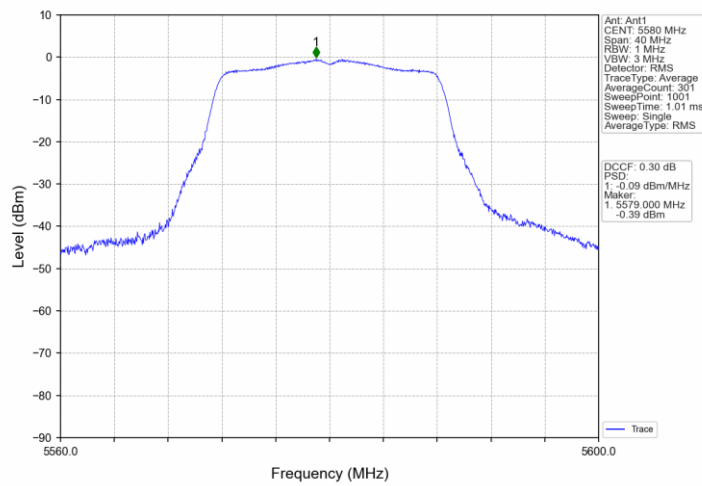
802.11a_HCH_5320MHz_Ant1_NTNV



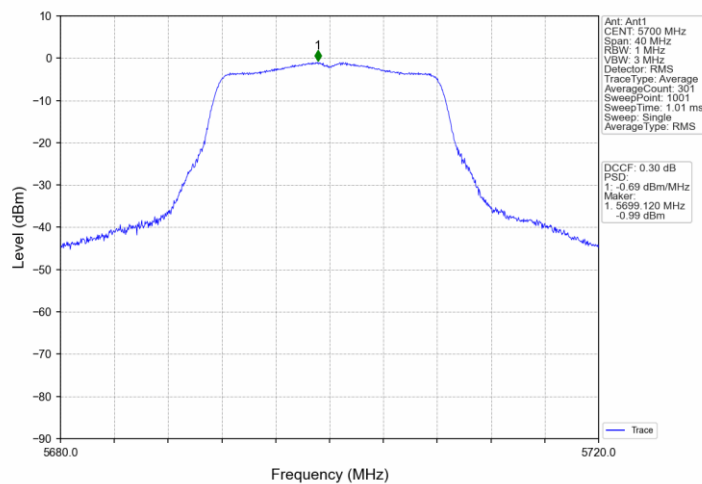
802.11a_LCH_5500MHz_Ant1_NTNV



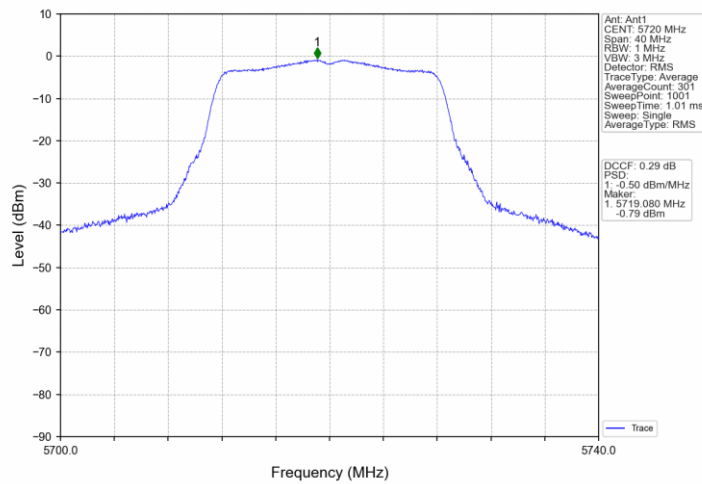
802.11a_MCH_5580MHz_Ant1_NTNV



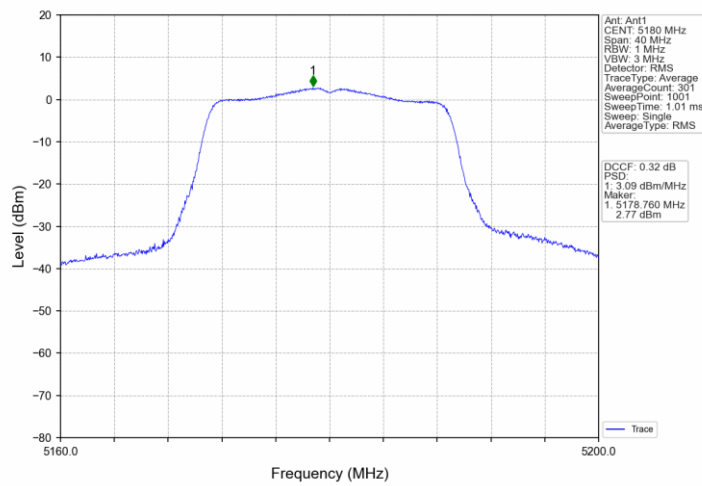
802.11a_HCH_5700MHz_Ant1_NTNV



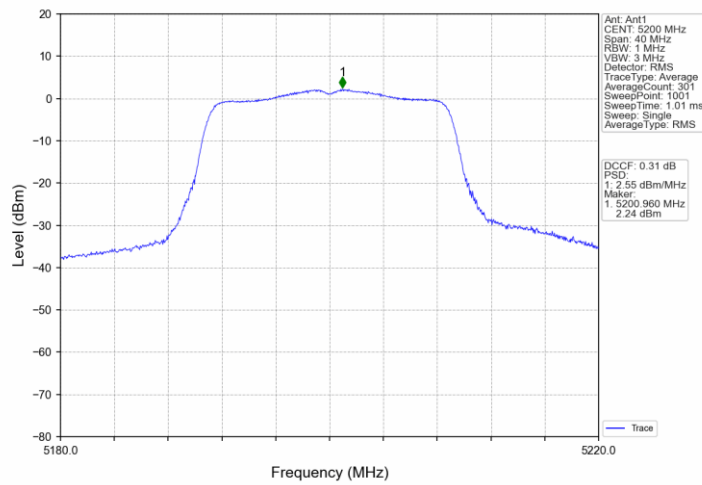
802.11a_HCH_5720MHz_Ant1_NTNV



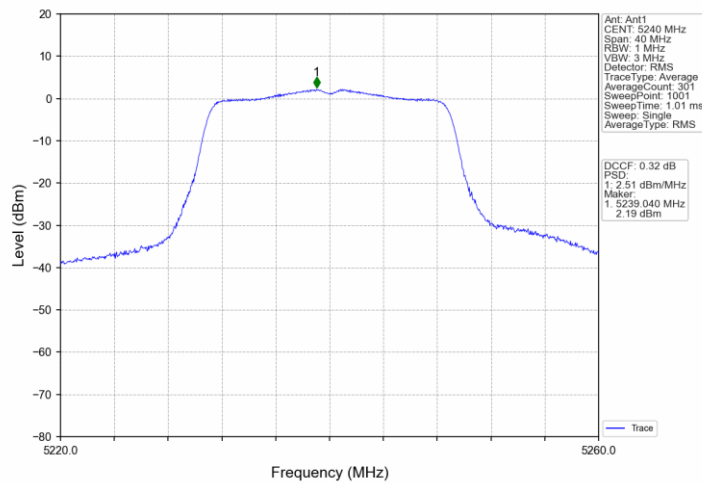
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



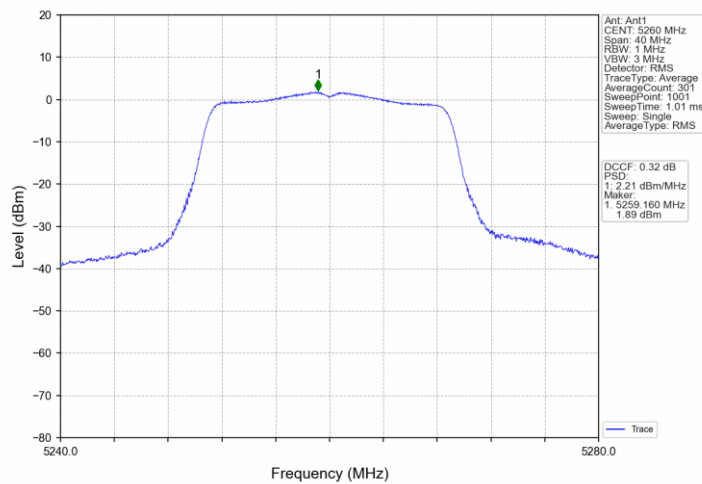
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



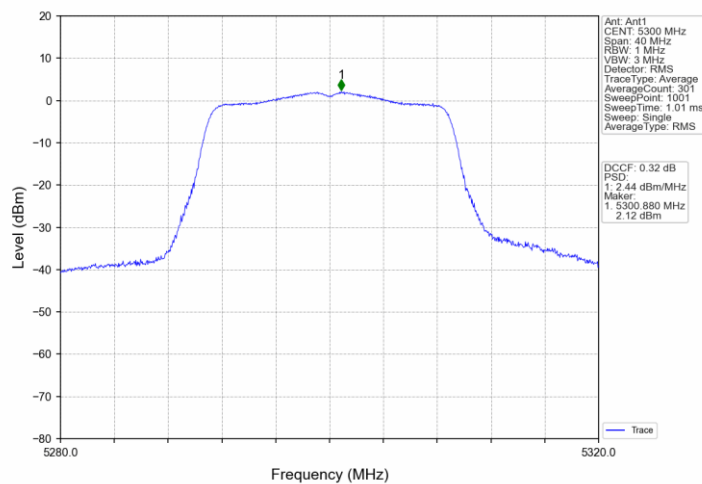
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



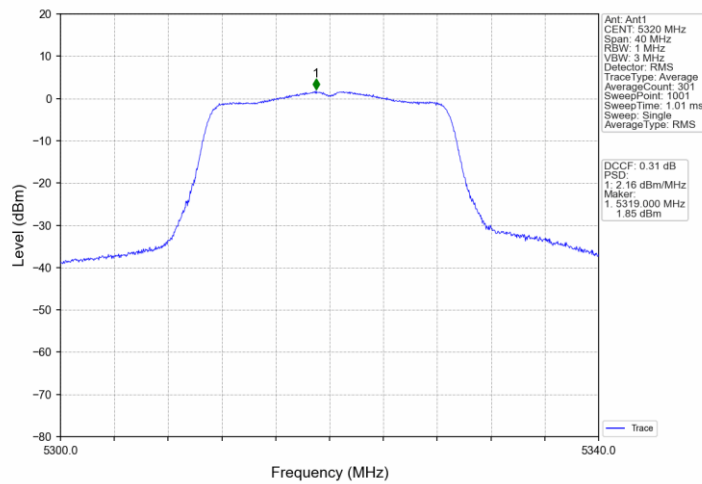
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



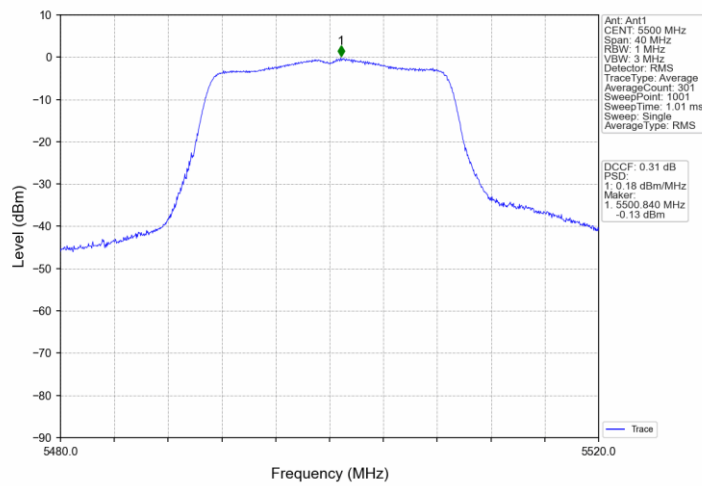
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



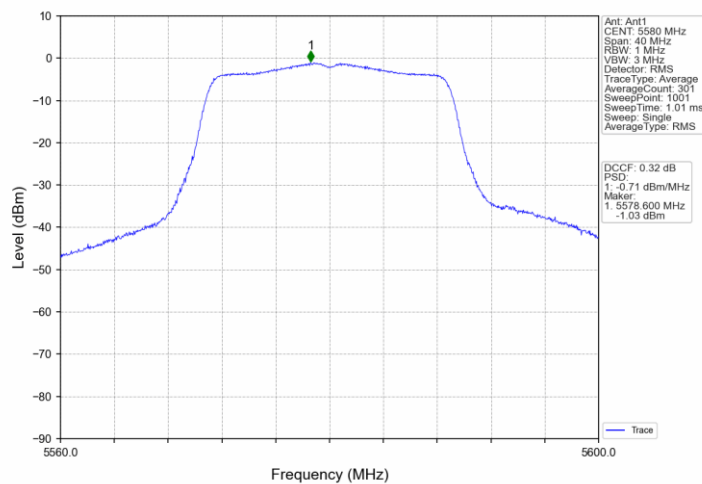
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



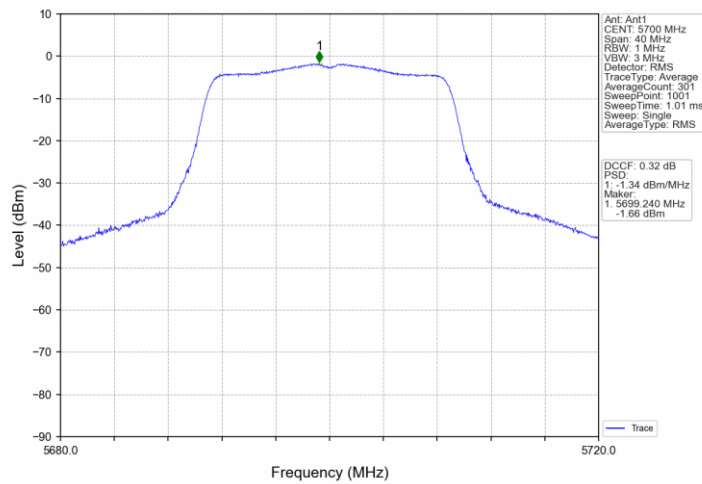
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



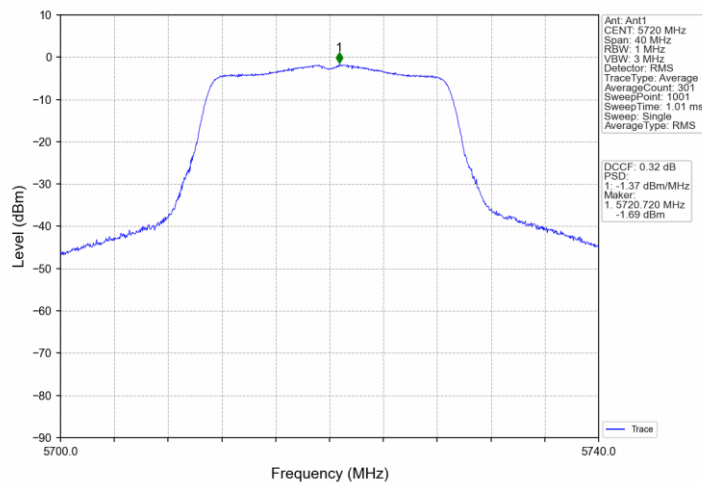
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_HCH_5720MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

