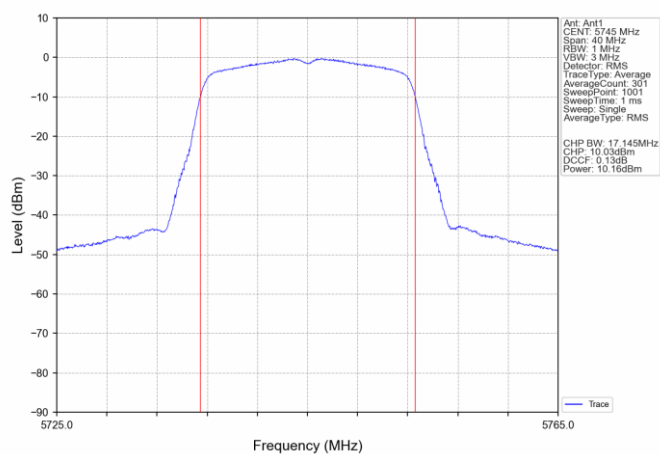
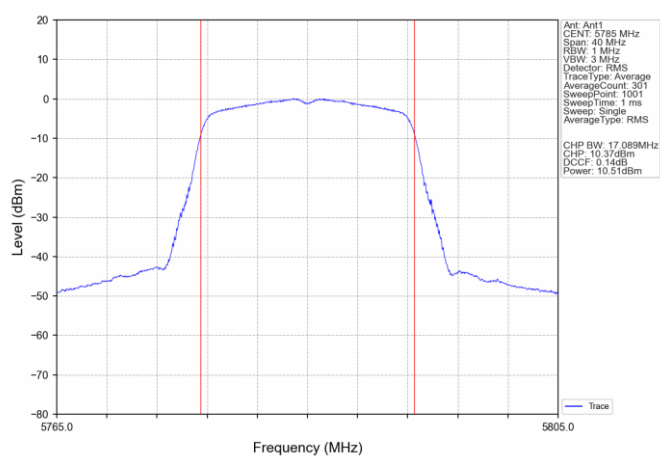




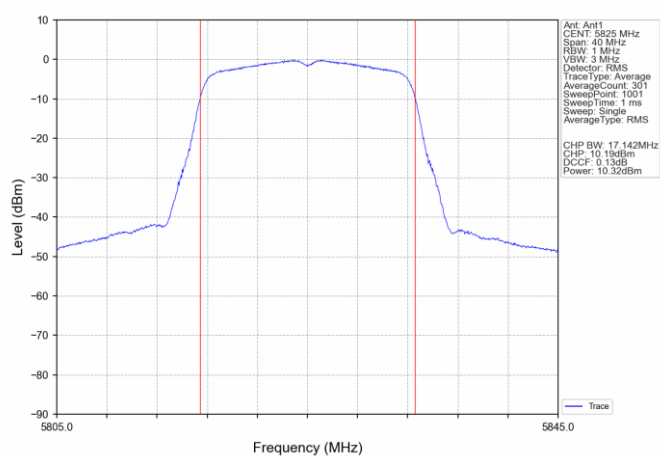
802.11a LCH_5745MHz_Ant1_NTNV



802.11a MCH_5785MHz_Ant1_NTNV

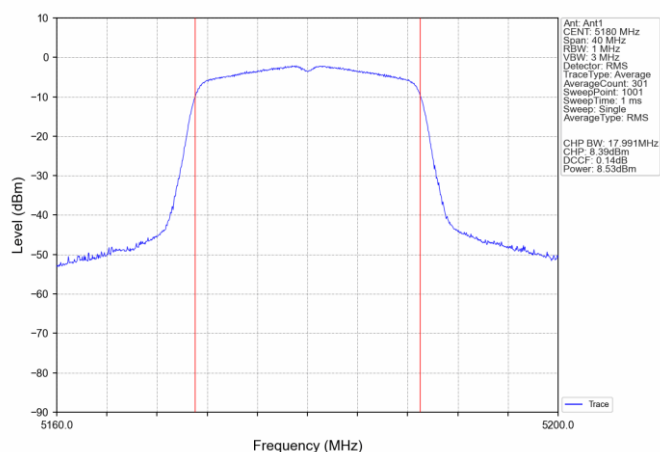


802.11a HCH_5825MHz_Ant1_NTNV

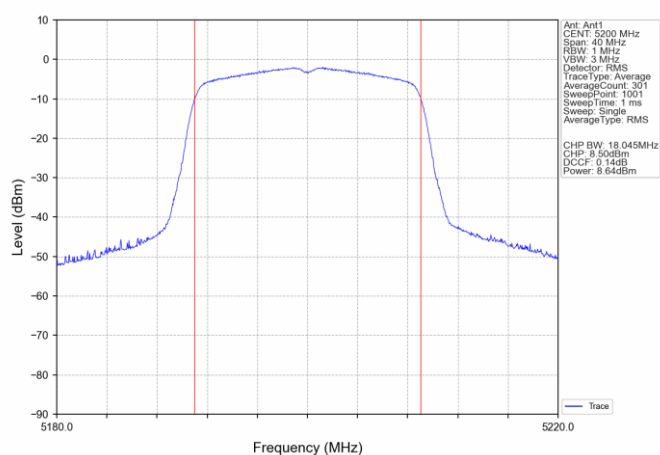




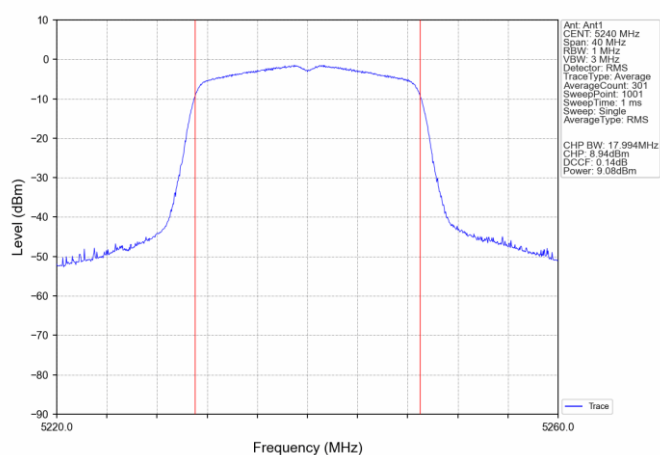
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

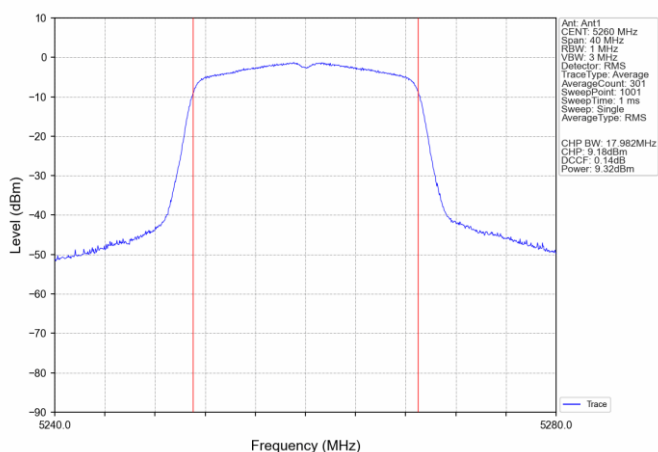


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

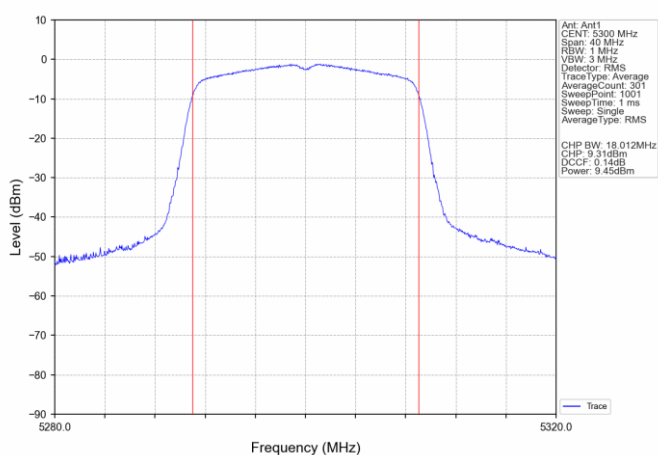




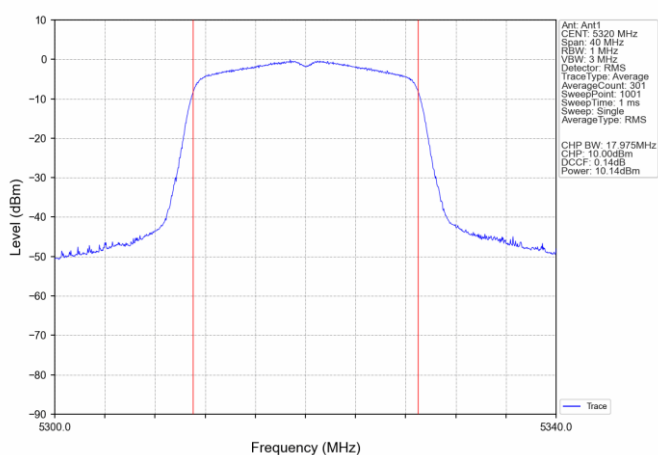
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV

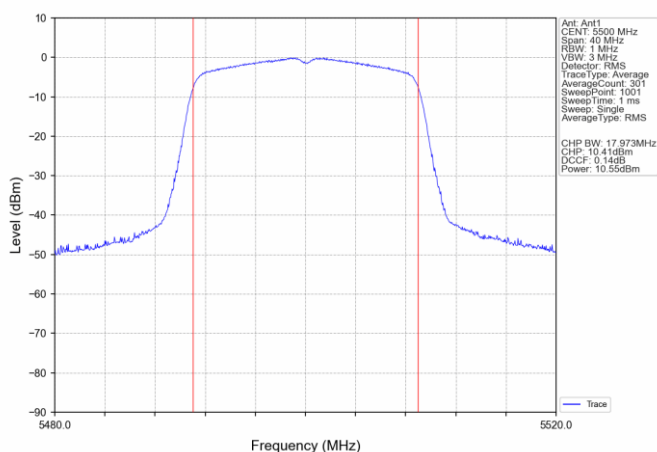


802.11n(HT20)_HCH_5320MHz_Ant1_NTNV

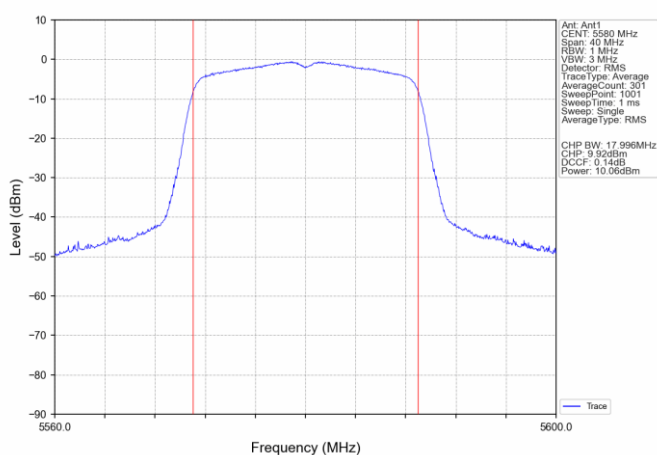




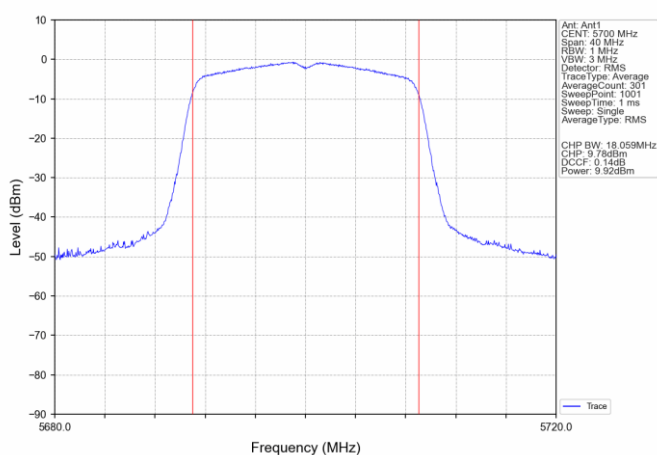
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV

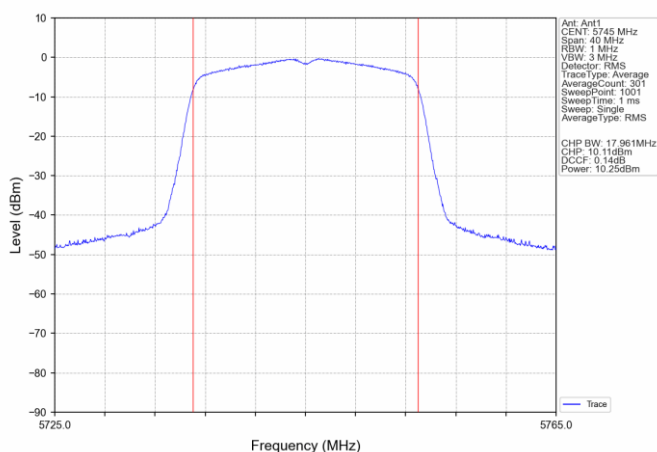


802.11n(HT20)_HCH_5700MHz_Ant1_NTNV

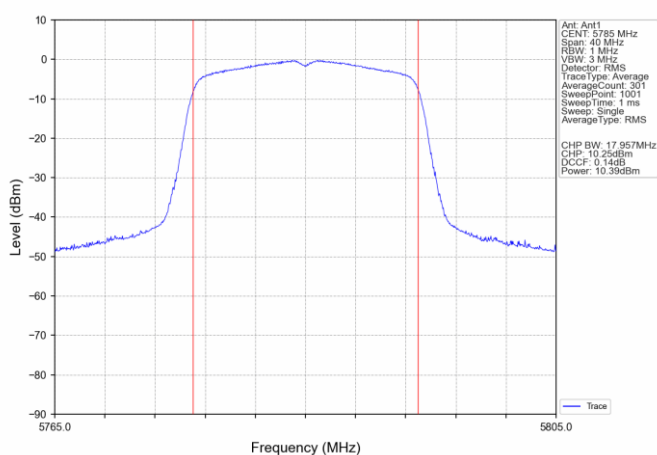




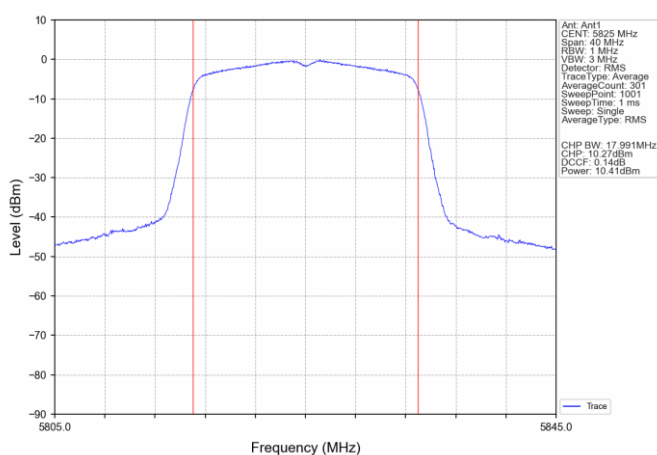
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

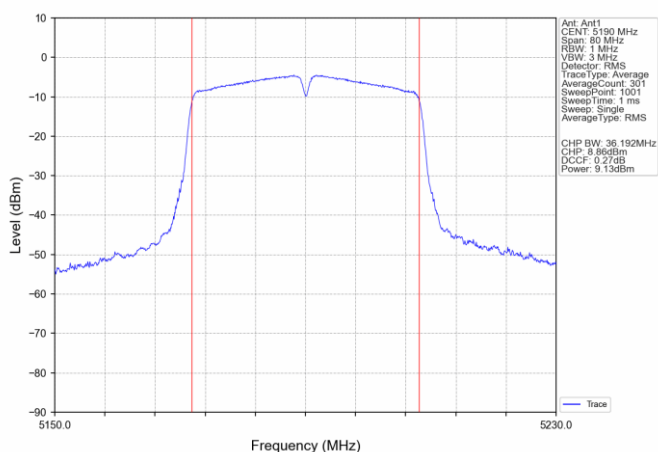


802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

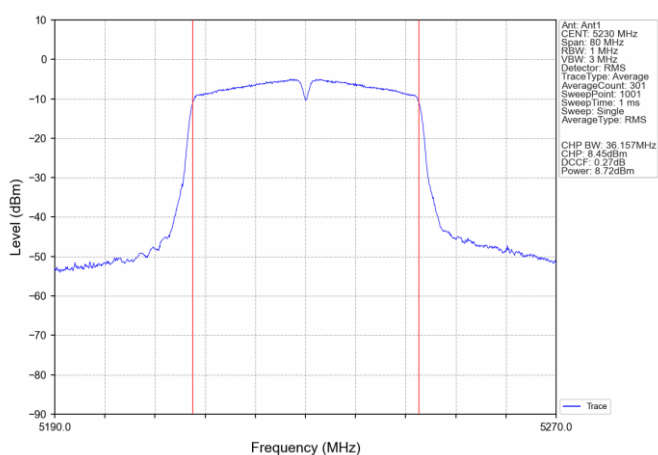




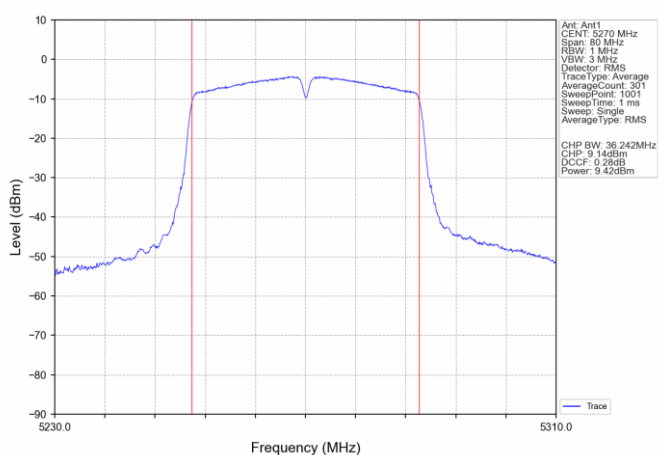
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

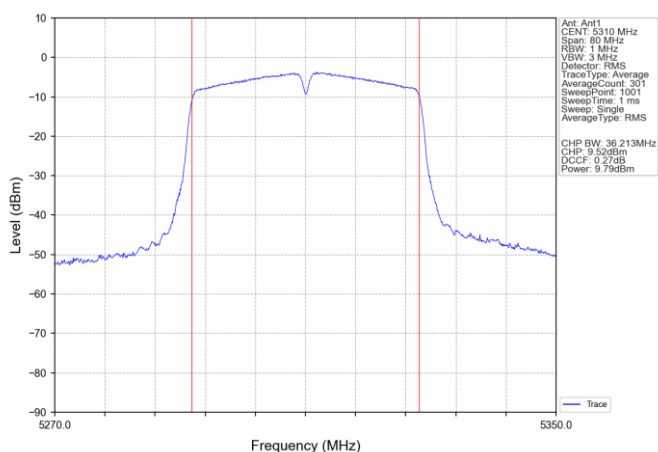


802.11n(HT40)_LCH_5270MHz_Ant1_NTNV

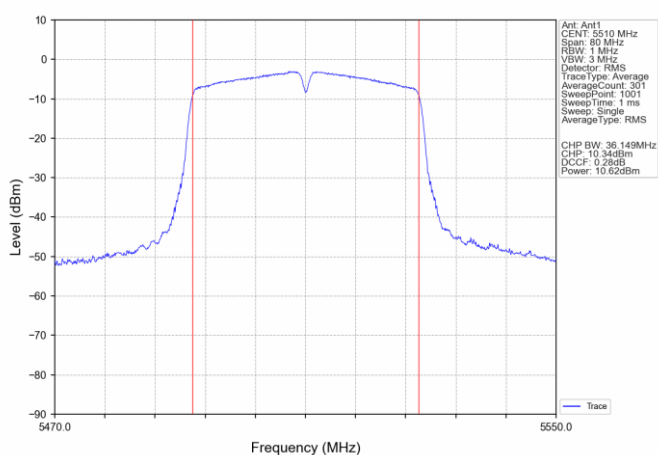




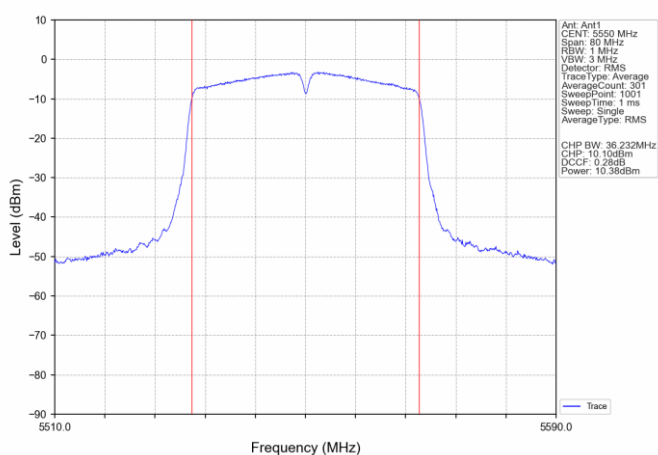
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

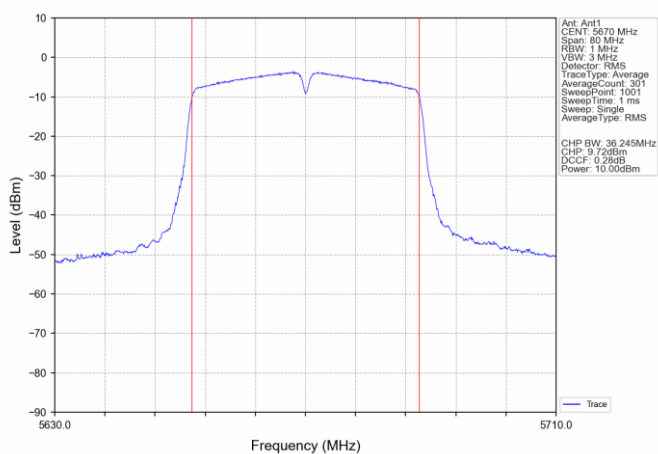


802.11n(HT40)_MCH_5550MHz_Ant1_NTNV

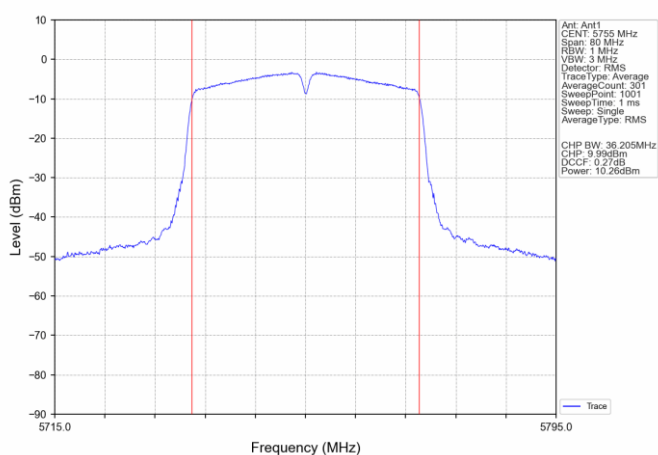




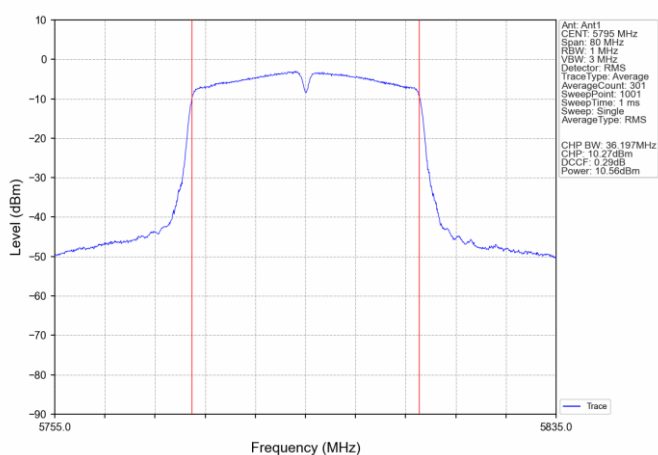
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

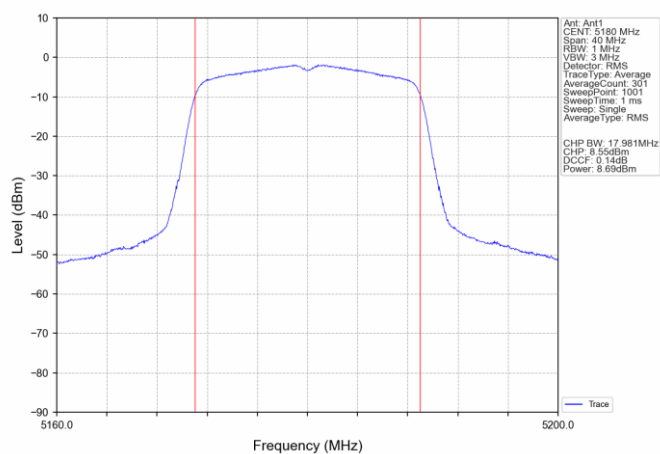


802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

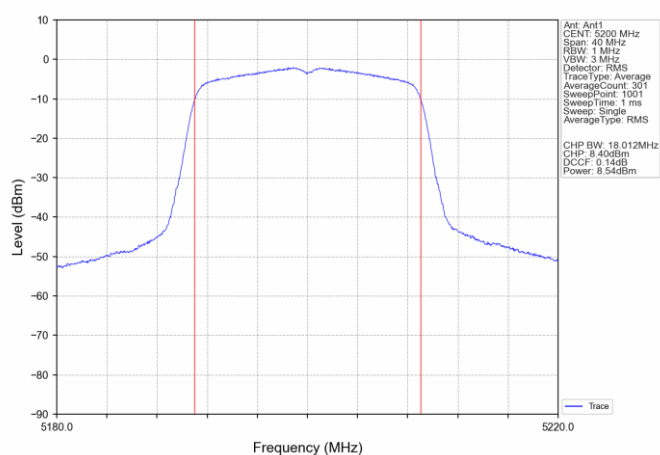




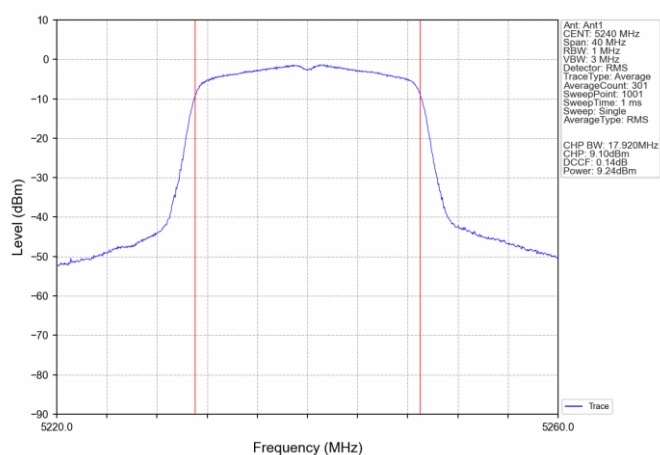
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

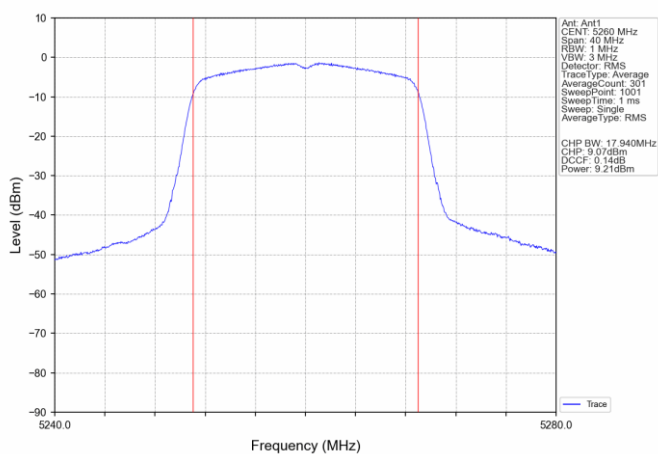


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

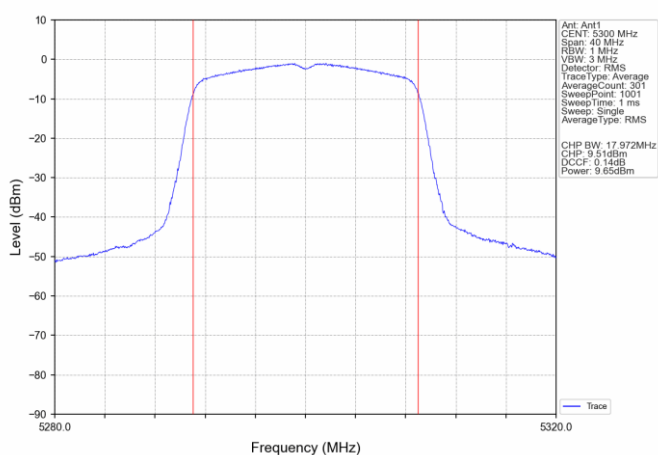




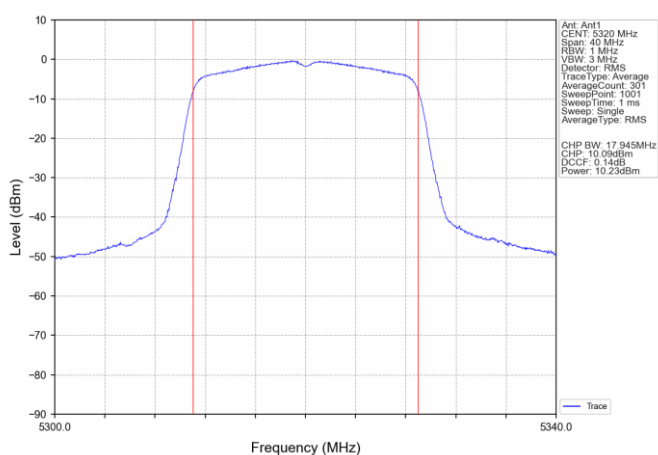
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV

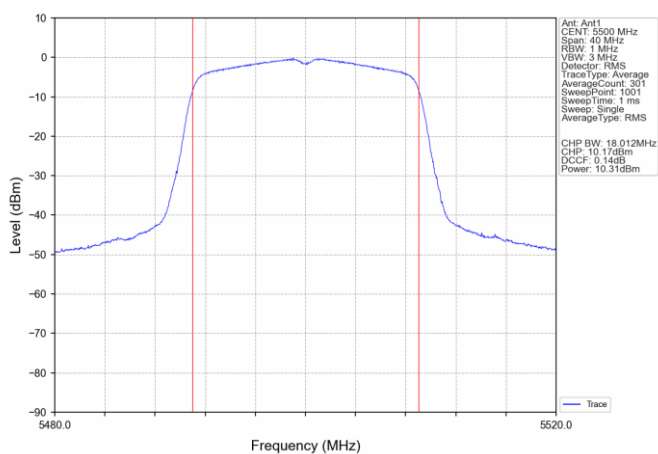


802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV

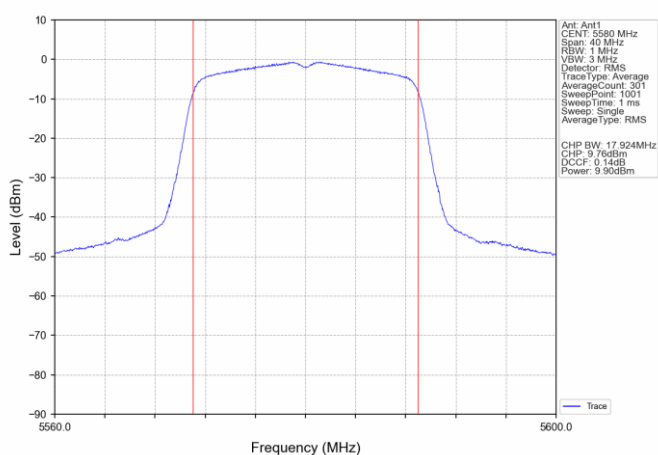




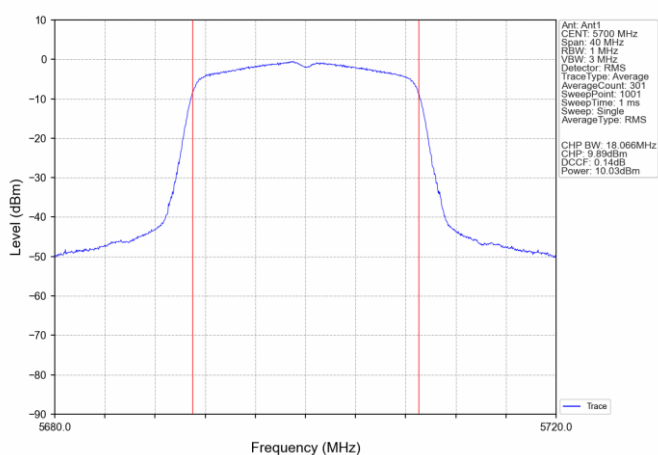
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV

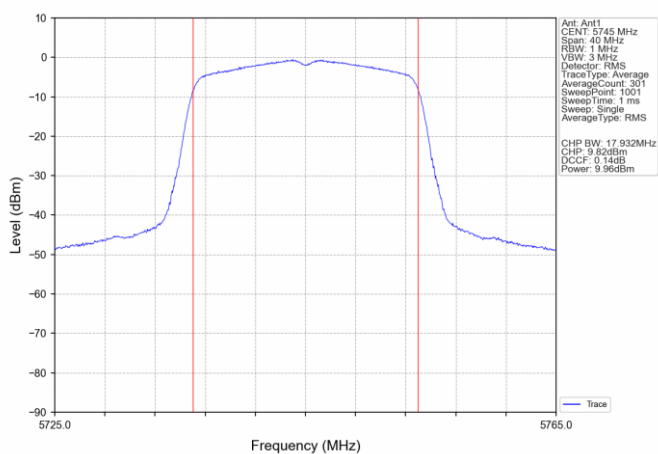


802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV

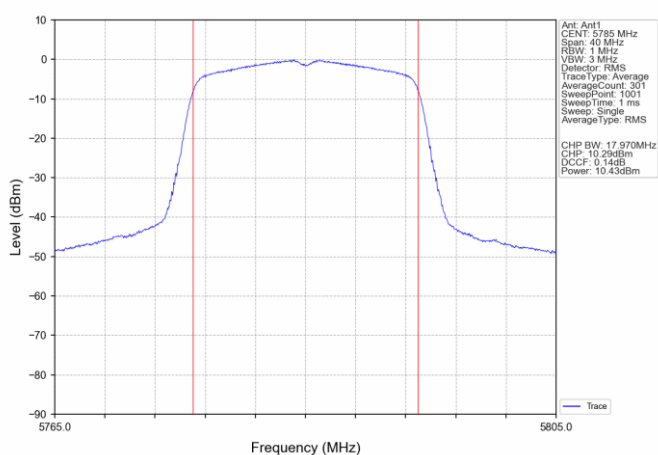




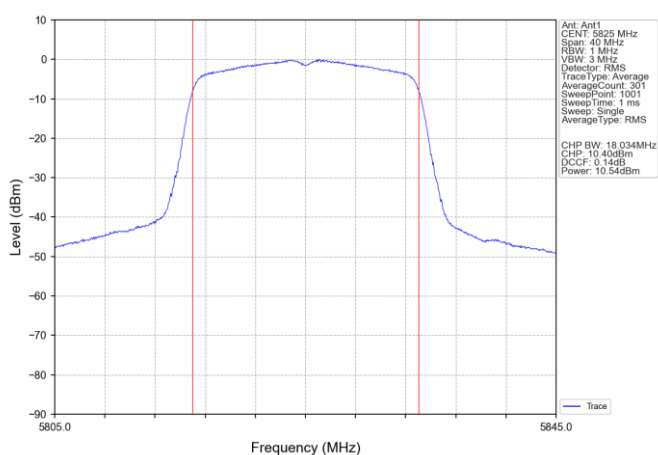
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

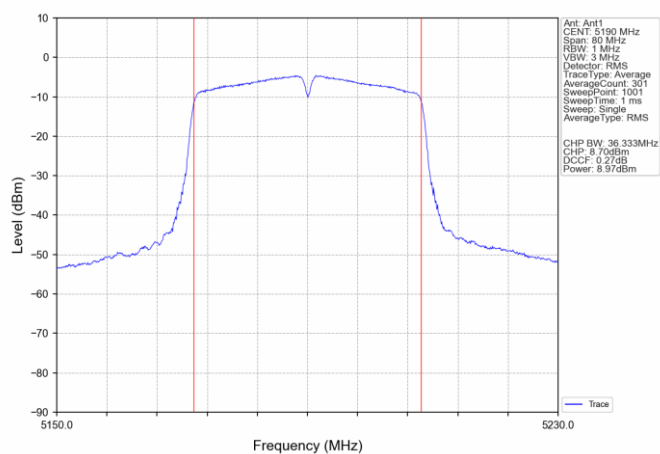


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

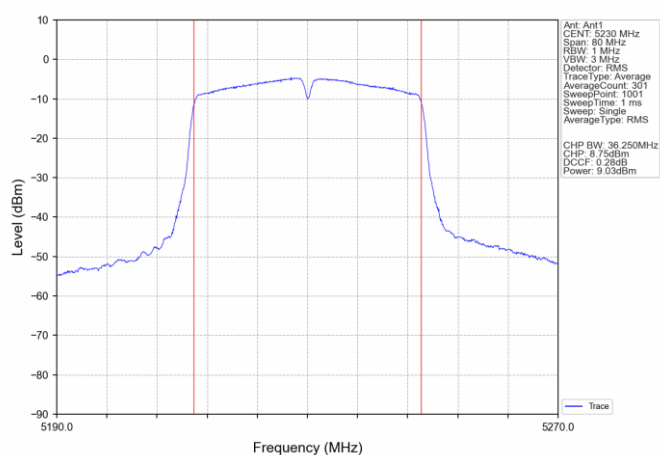




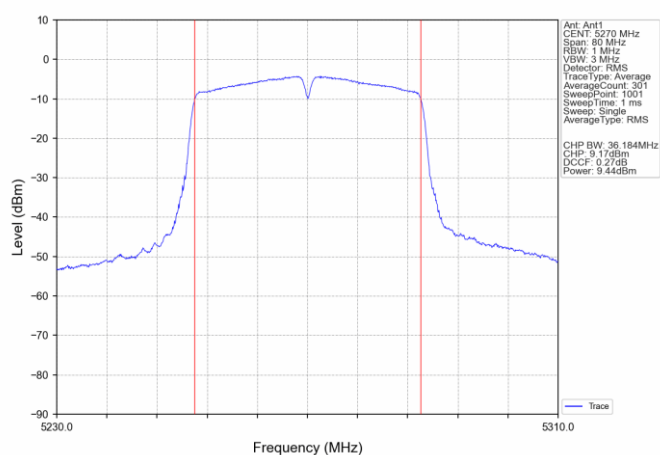
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

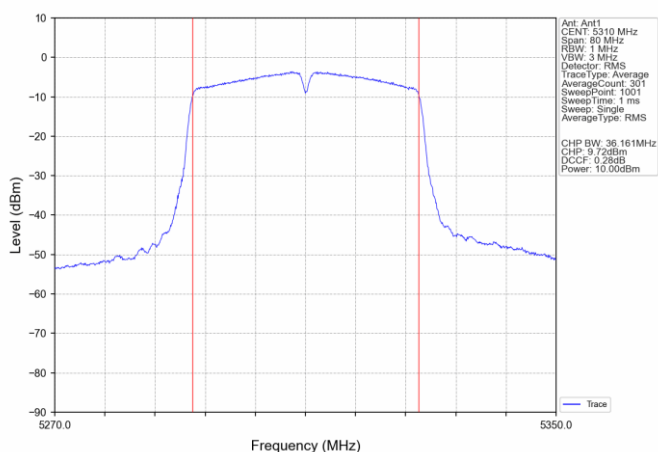


802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV

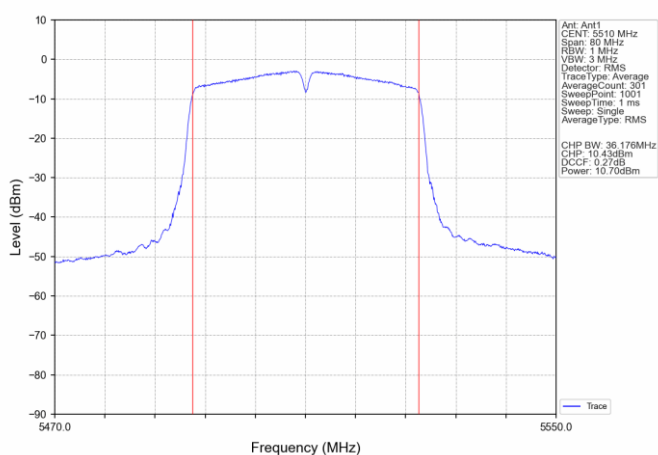




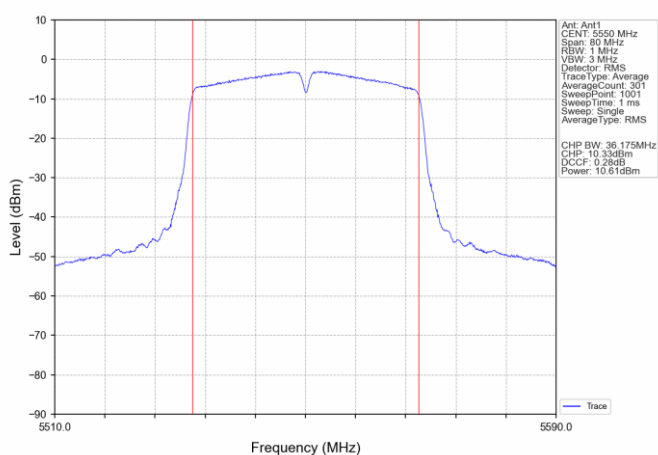
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV

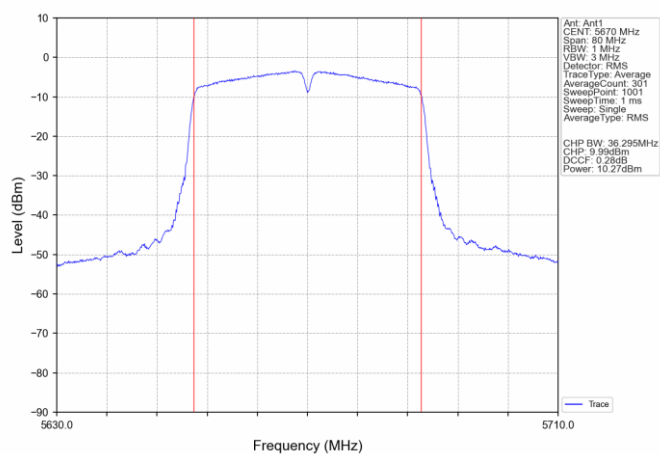


802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV

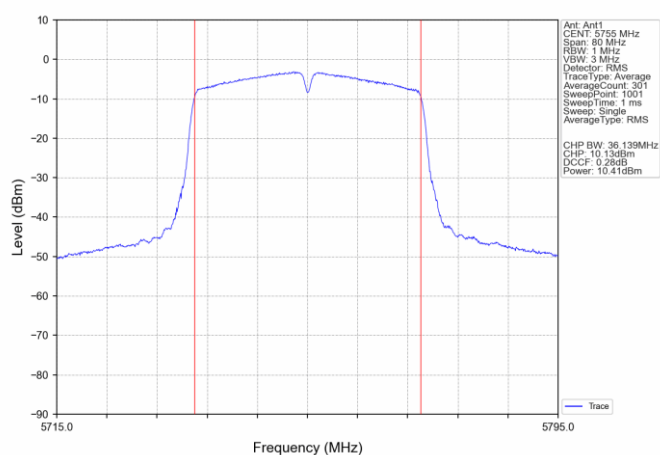




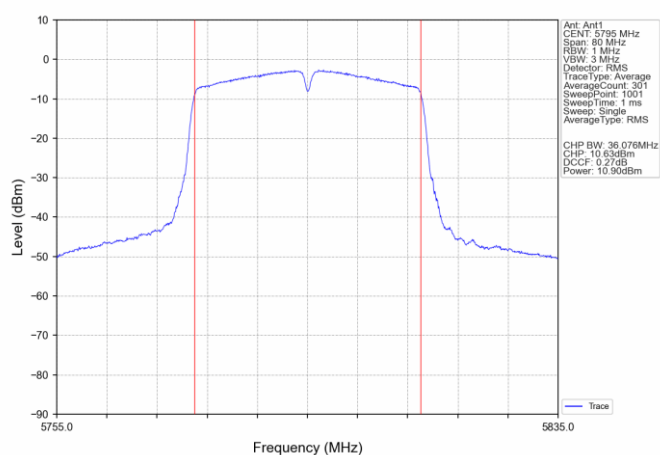
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

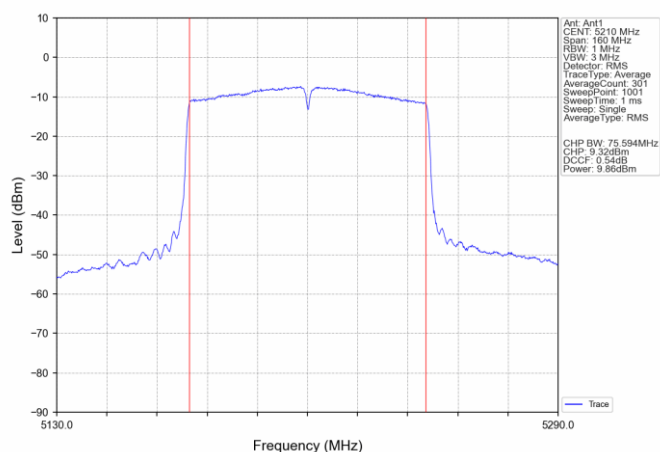


802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV

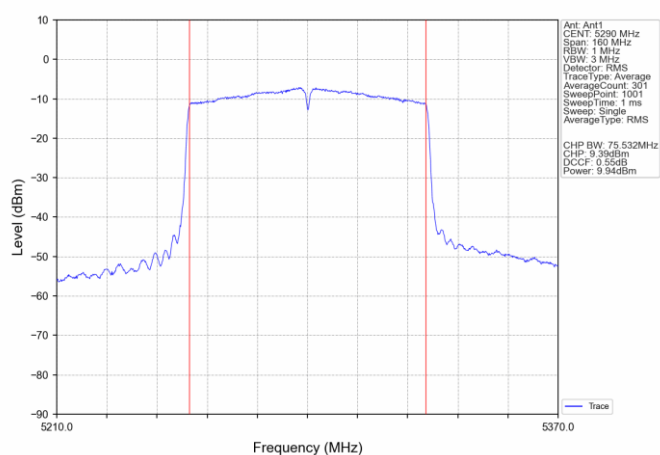




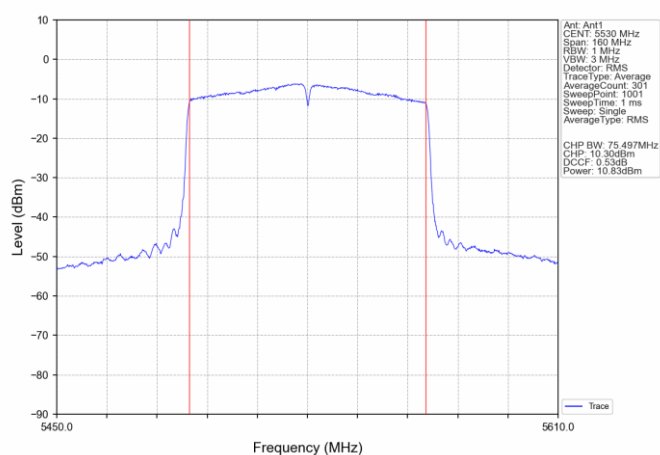
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV

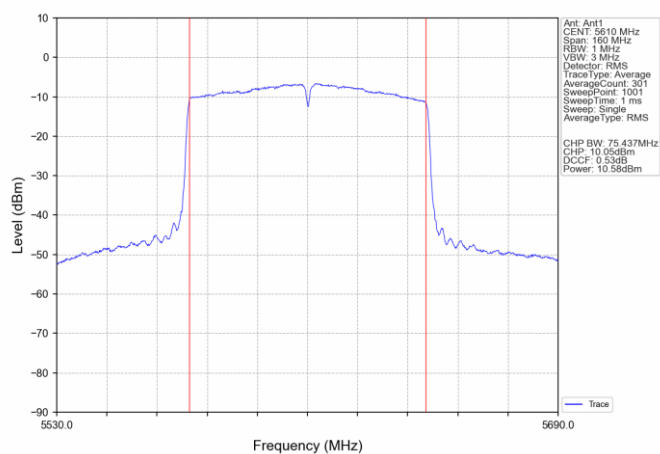


802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

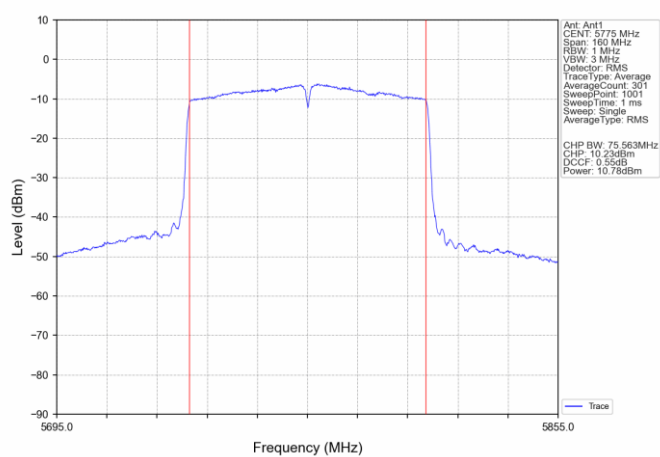




802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV





4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	-1.32	<=17	Pass
		5200	-1.54	<=17	Pass
		5240	-1.23	<=17	Pass
		5260	-1.19	<=11	Pass
		5300	-0.52	<=11	Pass
		5320	-0.17	<=11	Pass
		5500	-0.12	<=11	Pass
		5580	-0.12	<=11	Pass
		5700	-0.41	<=11	Pass
802.11n (HT20)	SISO	5180	-1.99	<=17	Pass
		5200	-1.80	<=17	Pass
		5240	-1.22	<=17	Pass
		5260	-1.18	<=11	Pass
		5300	-1.00	<=11	Pass
		5320	-0.24	<=11	Pass
		5500	0.14	<=11	Pass
		5580	-0.26	<=11	Pass
		5700	-0.56	<=11	Pass
802.11n (HT40)	SISO	5190	-4.27	<=17	Pass
		5230	-4.66	<=17	Pass
		5270	-3.85	<=11	Pass
		5310	-3.43	<=11	Pass
		5510	-2.80	<=11	Pass
		5550	-3.07	<=11	Pass
		5670	-3.51	<=11	Pass
802.11ac (VHT20)	SISO	5180	-1.84	<=17	Pass
		5200	-1.88	<=17	Pass
		5240	-1.05	<=17	Pass
		5260	-1.14	<=11	Pass
		5300	-0.73	<=11	Pass
		5320	-0.15	<=11	Pass
		5500	-0.09	<=11	Pass
		5580	-0.60	<=11	Pass
		5700	-0.51	<=11	Pass
802.11ac	SISO	5190	-4.46	<=17	Pass



(VHT40)		5230	-4.18	<=17	Pass
		5270	-3.93	<=11	Pass
		5310	-3.24	<=11	Pass
		5510	-2.37	<=11	Pass
		5550	-2.48	<=11	Pass
		5670	-2.98	<=11	Pass
802.11ac (VHT80)	SISO	5210	-6.69	<=17	Pass
		5290	-6.46	<=11	Pass
		5530	-5.82	<=11	Pass
		5610	-6.04	<=11	Pass

Note1: Antenna Gain:
- Band: 1 Ant1: 2.41dBi;
- Band: 3 Ant1: 2.41dBi;
- Band: 2A Ant1: 2.41dBi;
- Band: 2C Ant1: 2.41dBi;

4.1.2 PSD-Band3

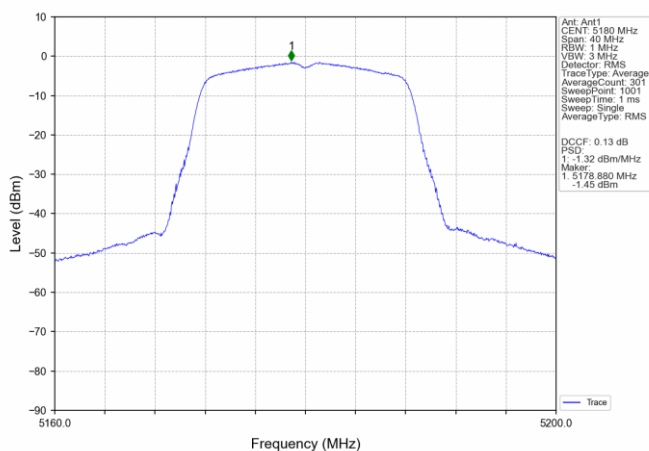
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-2.77	<=30	Pass
		5785	-2.47	<=30	Pass
		5825	-2.72	<=30	Pass
802.11n (HT20)	SISO	5745	-2.79	<=30	Pass
		5785	-2.94	<=30	Pass
		5825	-2.79	<=30	Pass
802.11n (HT40)	SISO	5755	-5.99	<=30	Pass
		5795	-5.91	<=30	Pass
802.11ac (VHT20)	SISO	5745	-3.19	<=30	Pass
		5785	-2.69	<=30	Pass
		5825	-2.76	<=30	Pass
802.11ac (VHT40)	SISO	5755	-5.96	<=30	Pass
		5795	-5.57	<=30	Pass
802.11ac (VHT80)	SISO	5775	-8.61	<=30	Pass
Note1: Antenna Gain: - Band: 3 Ant1: 2.41dBi; - Band: 2A Ant1: 2.41dBi; - Band: 2C Ant1: 2.41dBi; - Band: 1 Ant1: 2.41dBi;					



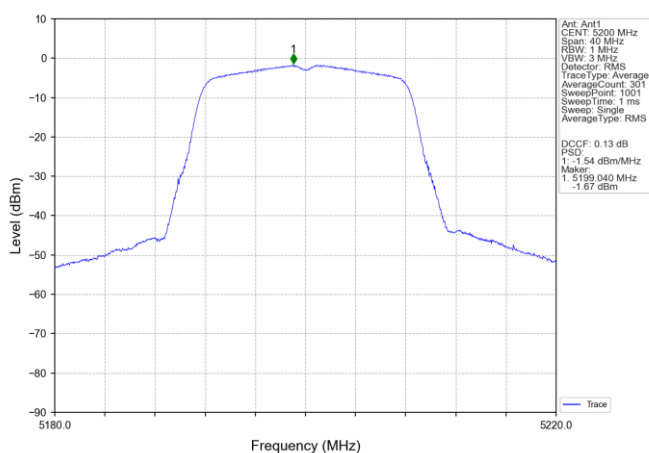
4.2 Test Graph

4.2.1 PSD

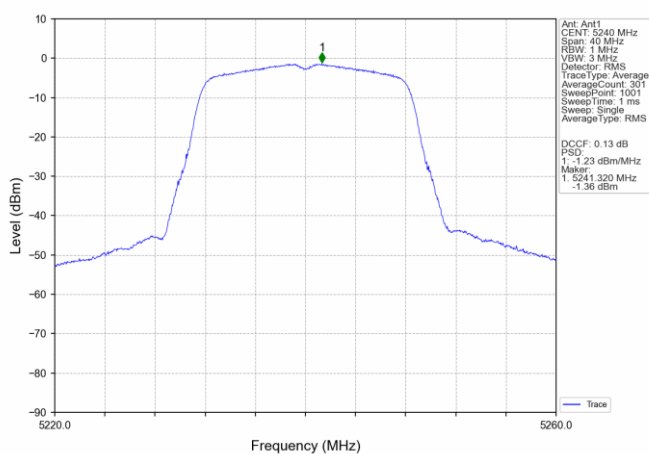
802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant1_NTNV

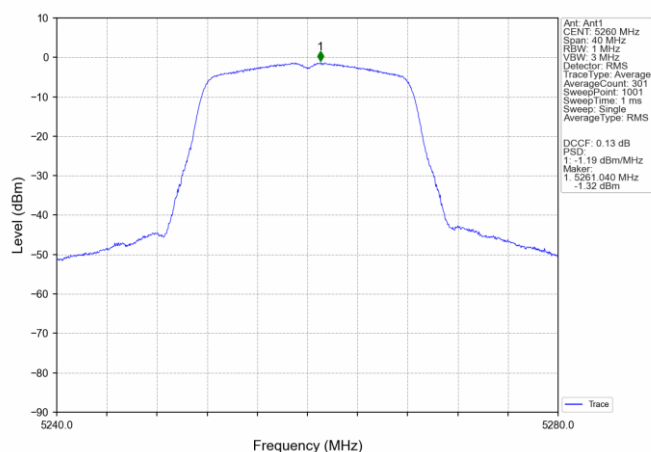


802.11a_HCH_5240MHz_Ant1_NTNV

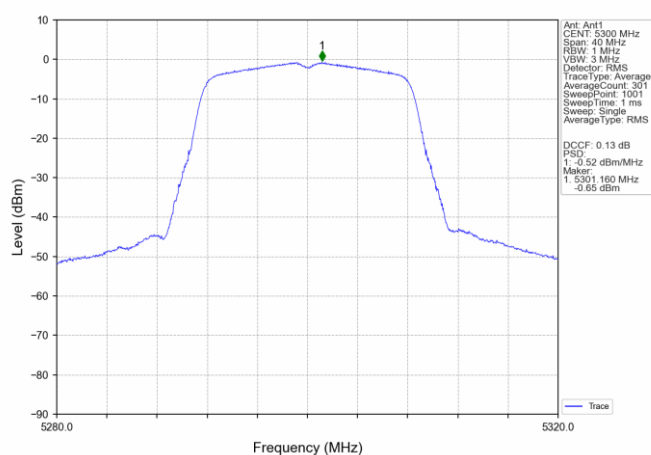




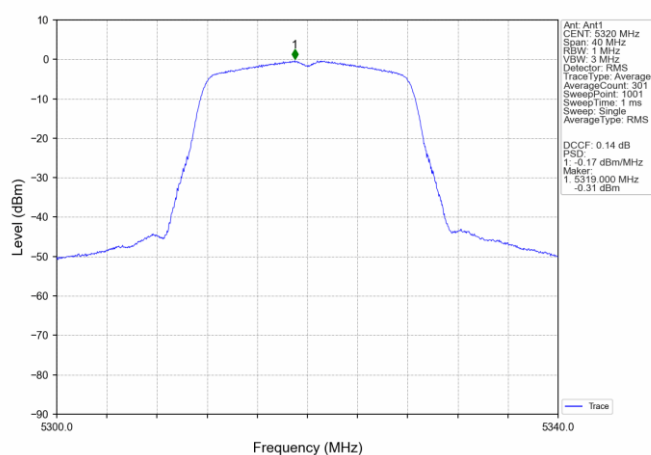
802.11a LCH_5260MHz_Ant1_NTNV



802.11a MCH_5300MHz_Ant1_NTNV

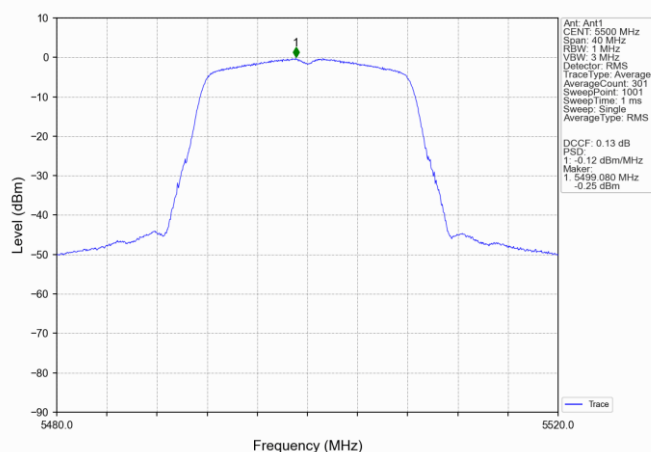


802.11a HCH_5320MHz_Ant1_NTNV

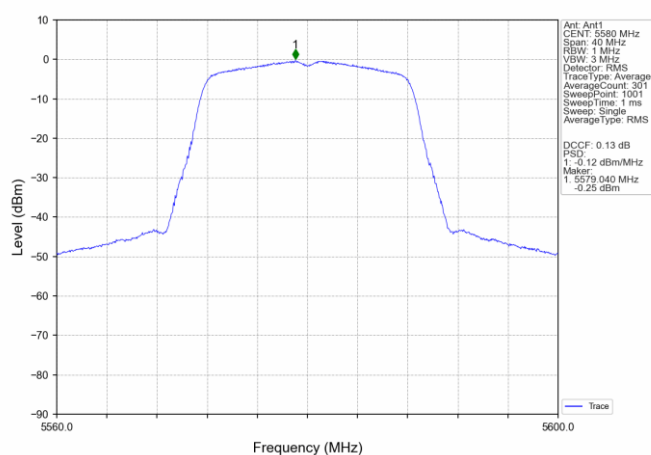




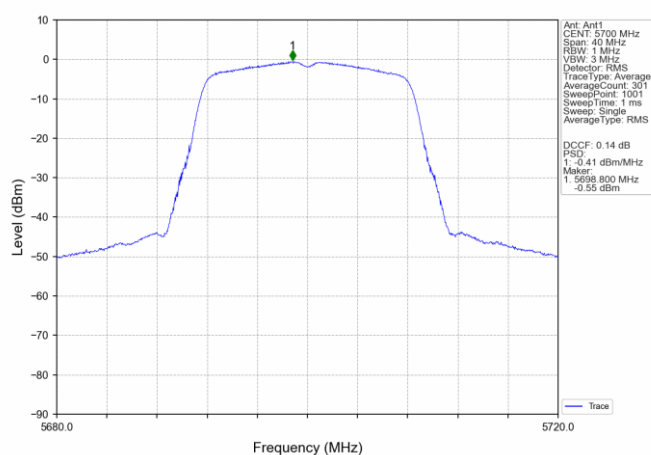
802.11a LCH_5500MHz_Ant1_NTNV



802.11a MCH_5580MHz_Ant1_NTNV

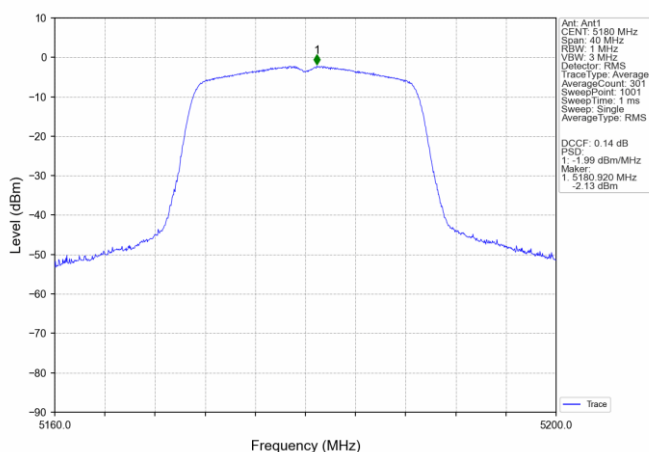


802.11a HCH_5700MHz_Ant1_NTNV

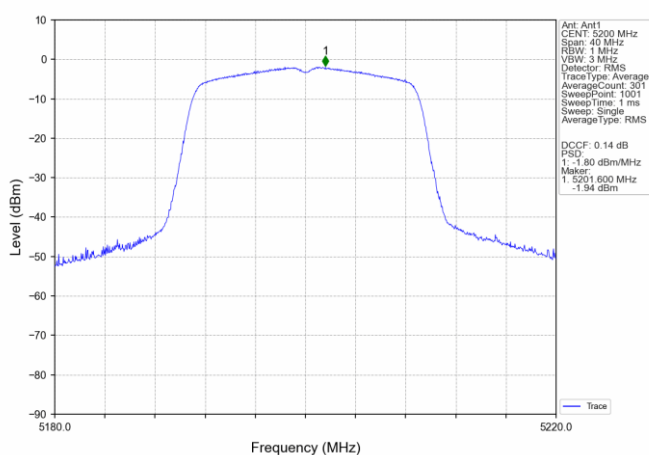




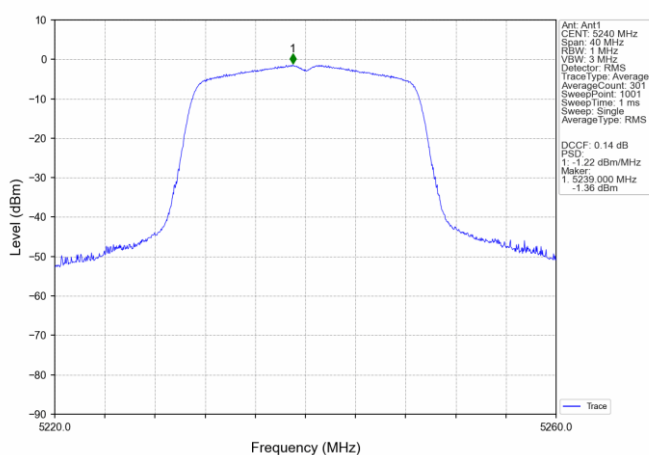
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

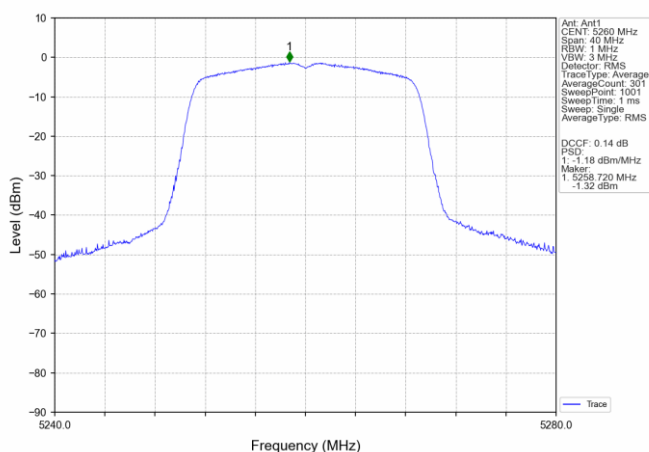


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

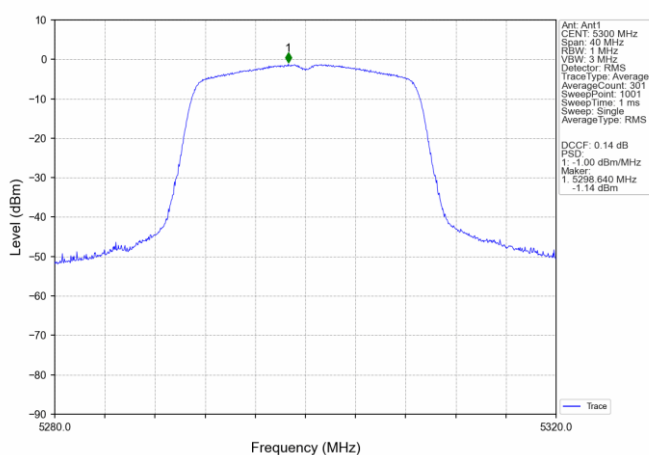




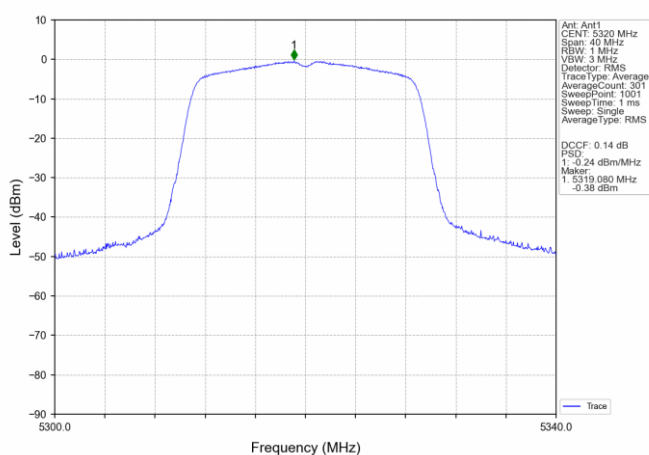
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV

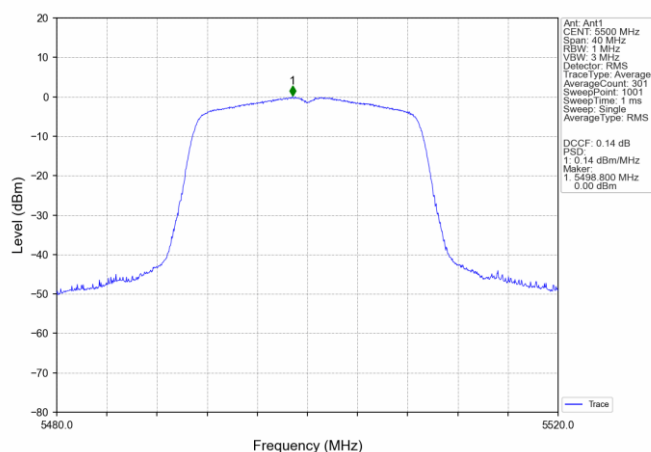


802.11n(HT20)_HCH_5320MHz_Ant1_NTNV

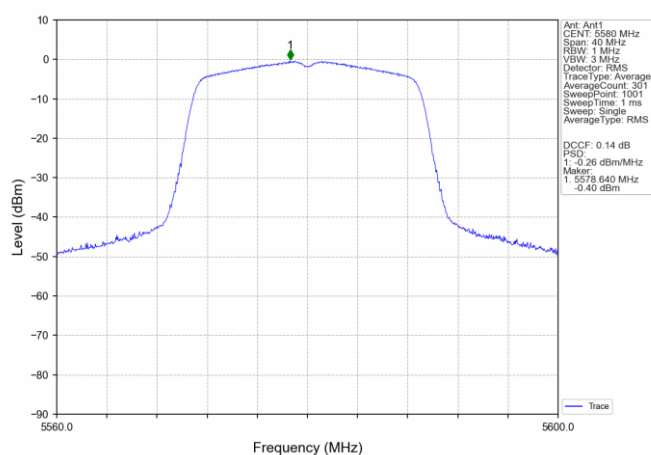




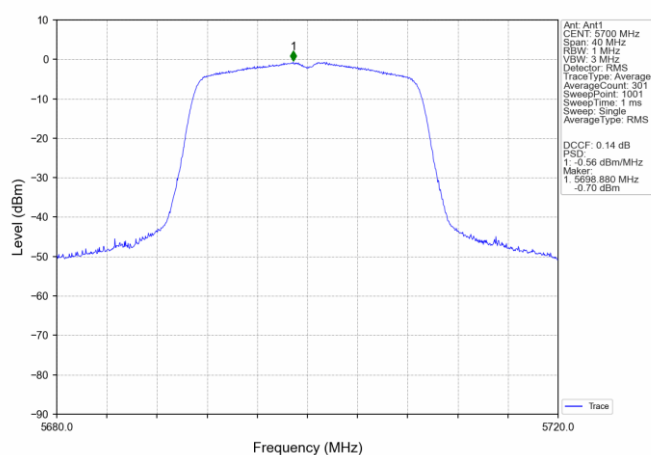
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV

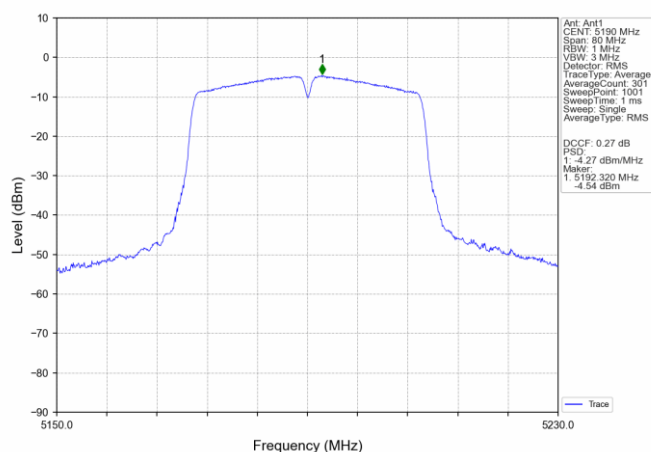


802.11n(HT20)_HCH_5700MHz_Ant1_NTNV

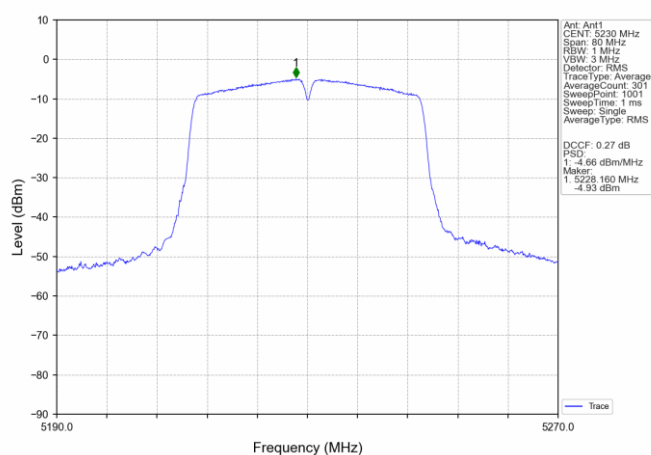




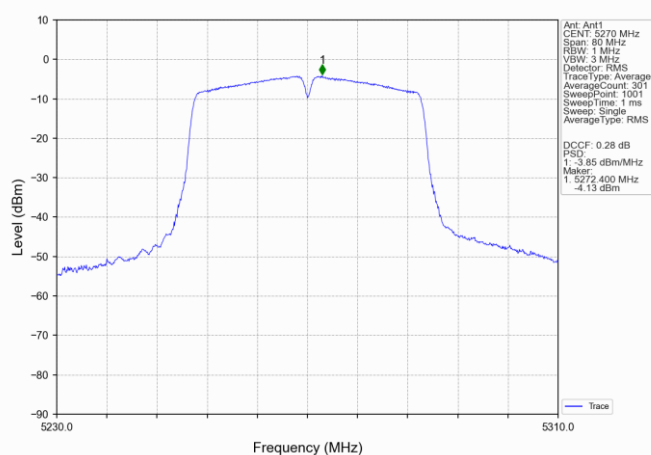
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

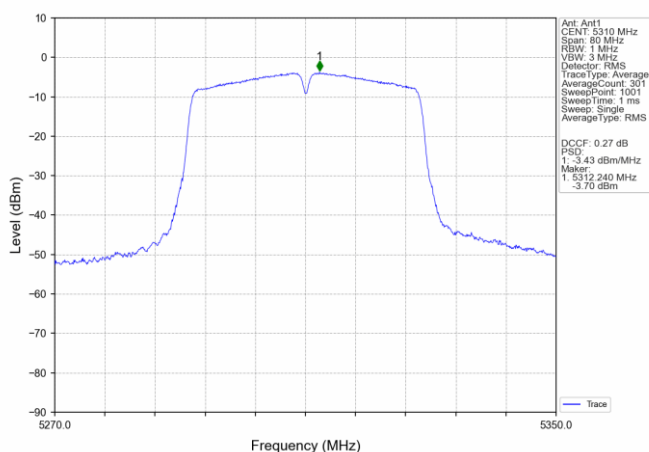


802.11n(HT40)_LCH_5270MHz_Ant1_NTNV

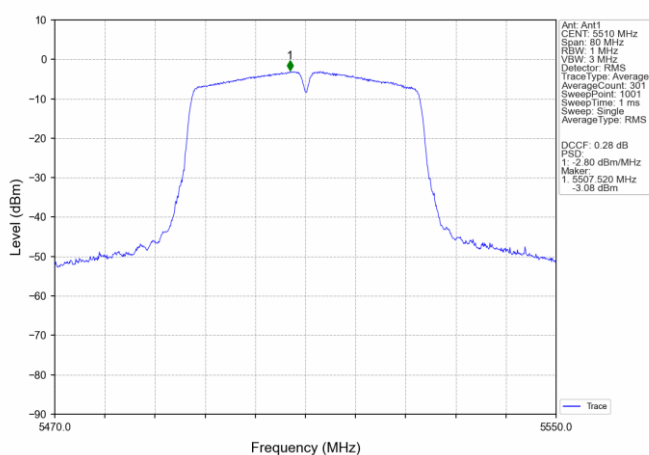




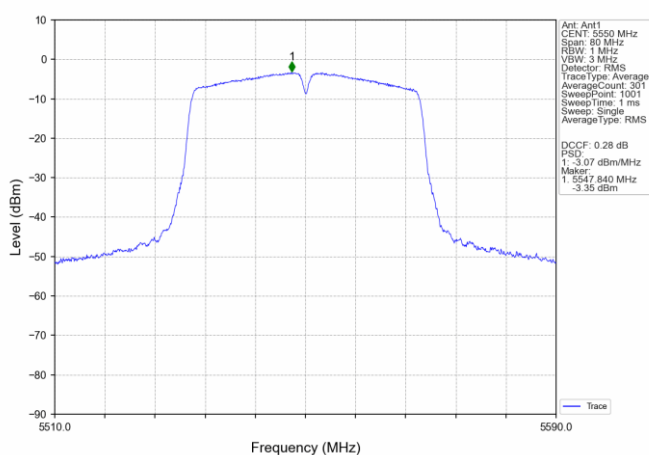
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

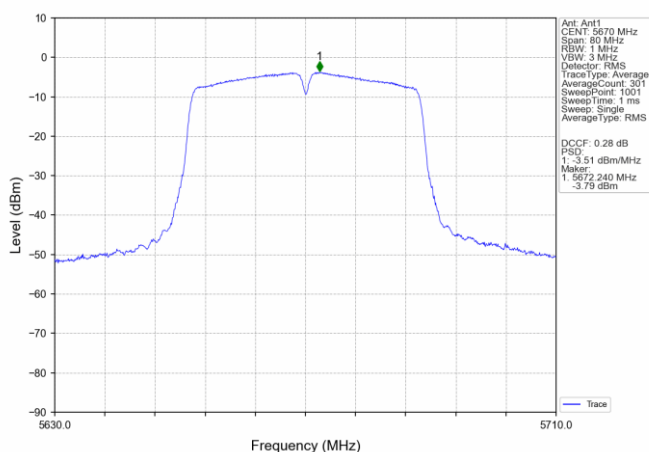


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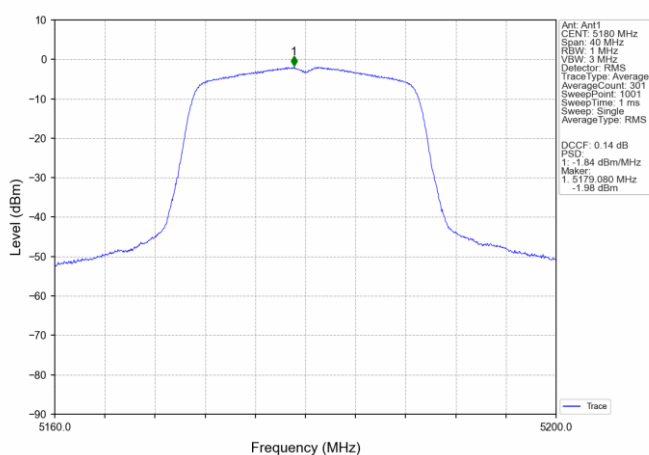




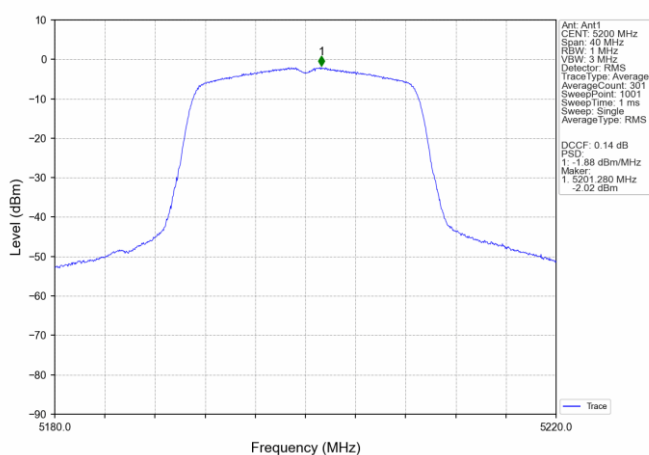
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

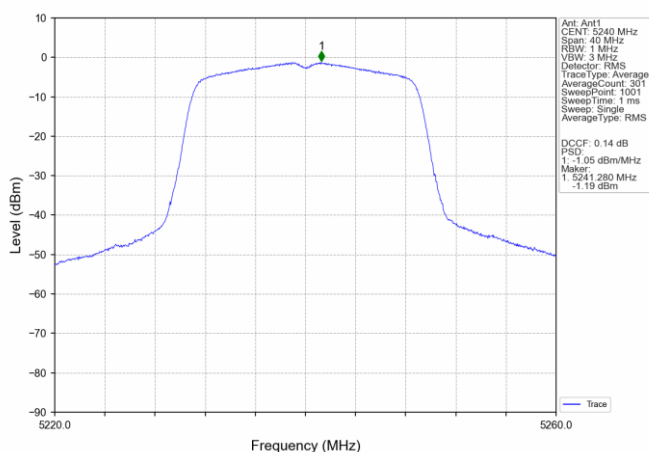


802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

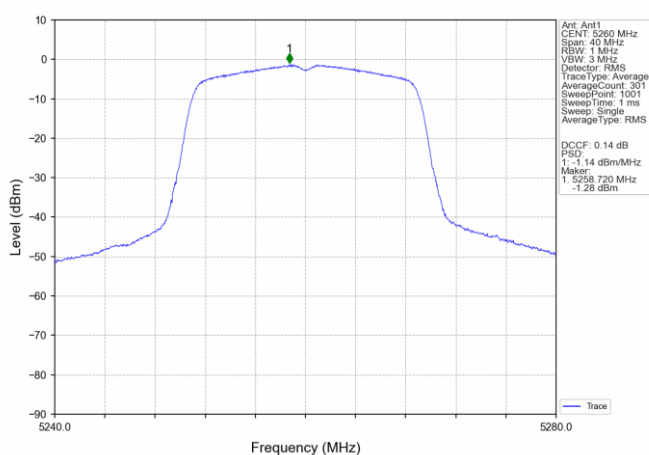




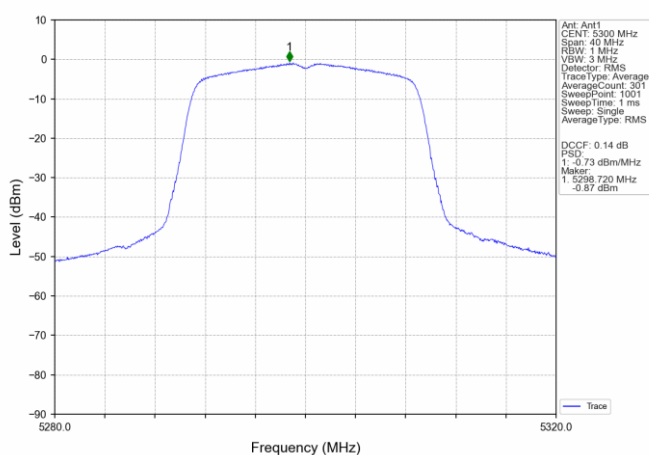
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV

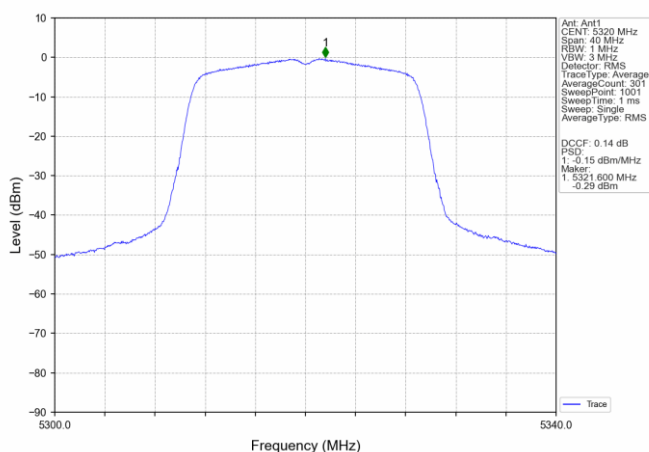


802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV

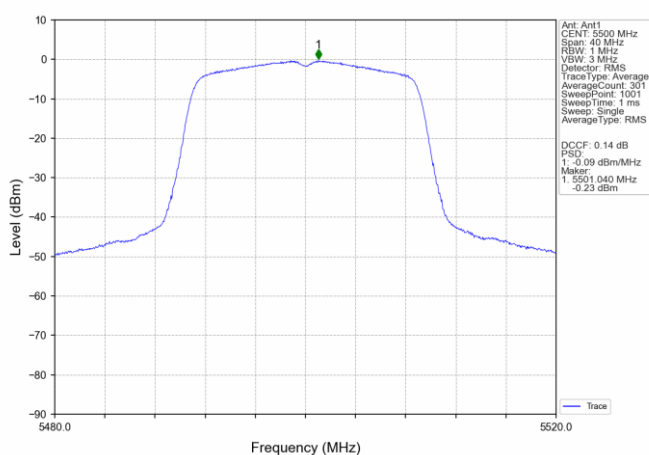




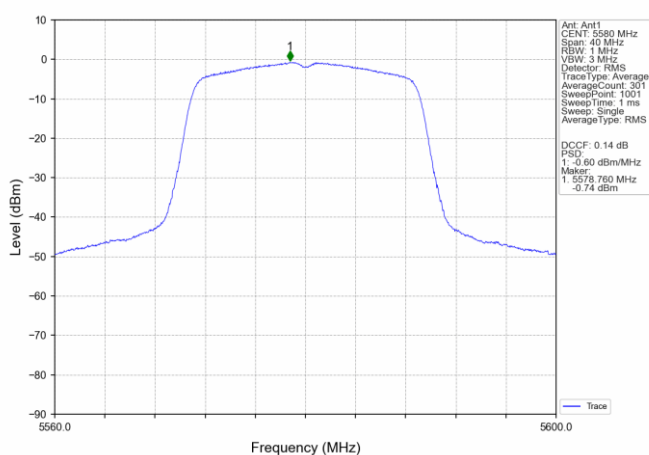
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

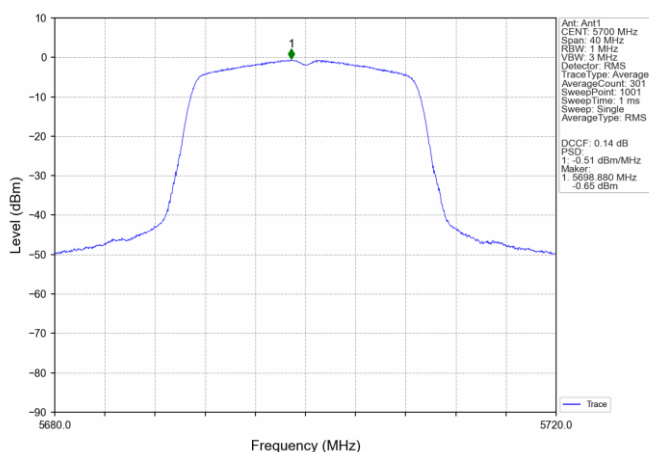


802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV

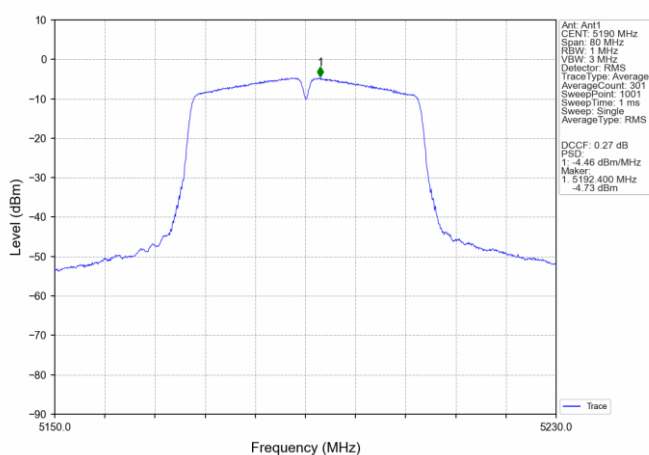




802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

