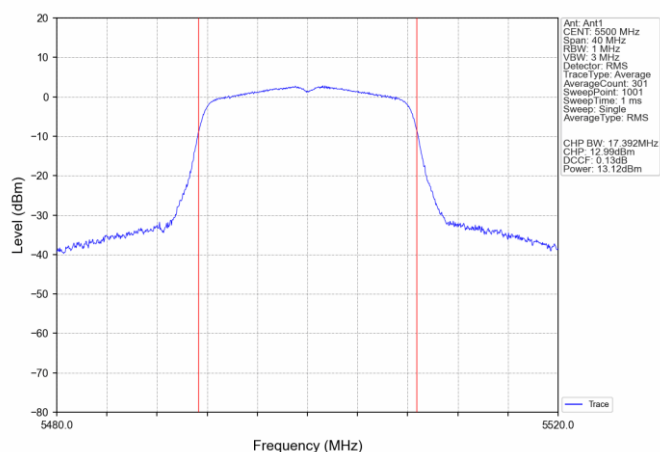
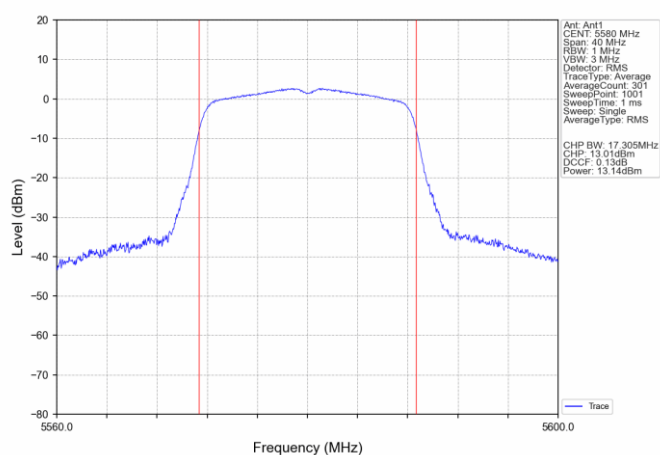




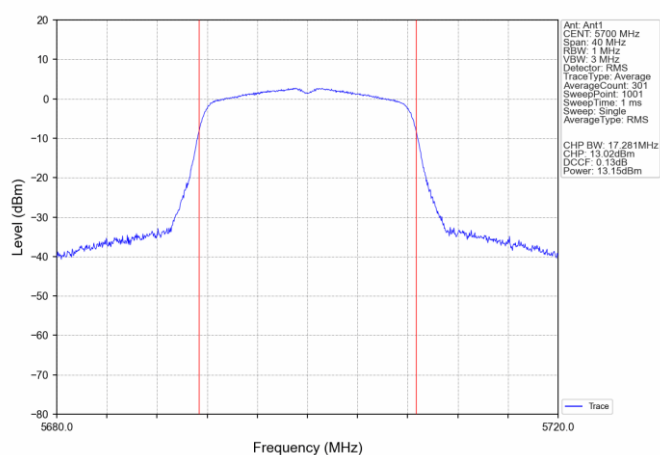
802.11a LCH_5500MHz_Ant1_NTNV



802.11a MCH_5580MHz_Ant1_NTNV

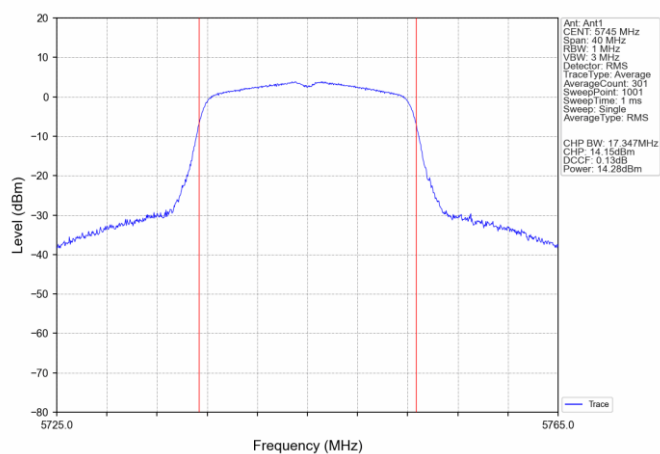


802.11a HCH_5700MHz_Ant1_NTNV

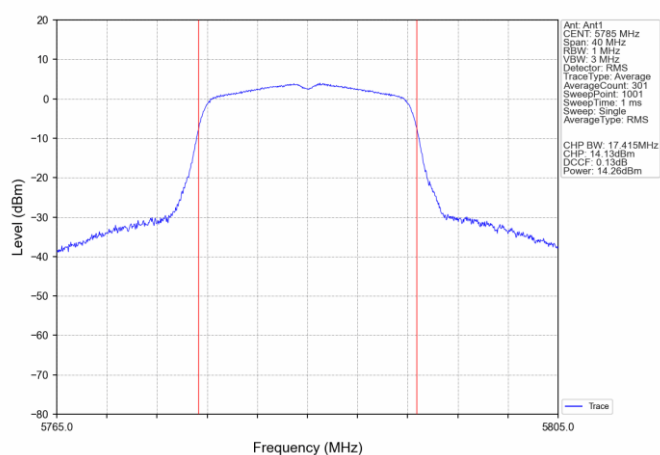




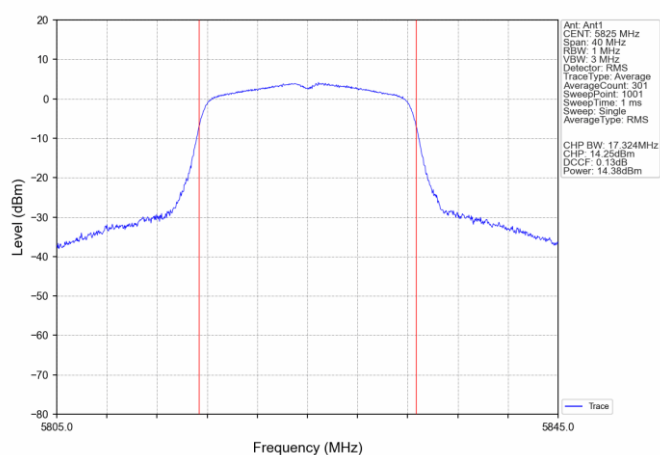
802.11a LCH_5745MHz_Ant1_NTNV



802.11a MCH_5785MHz_Ant1_NTNV

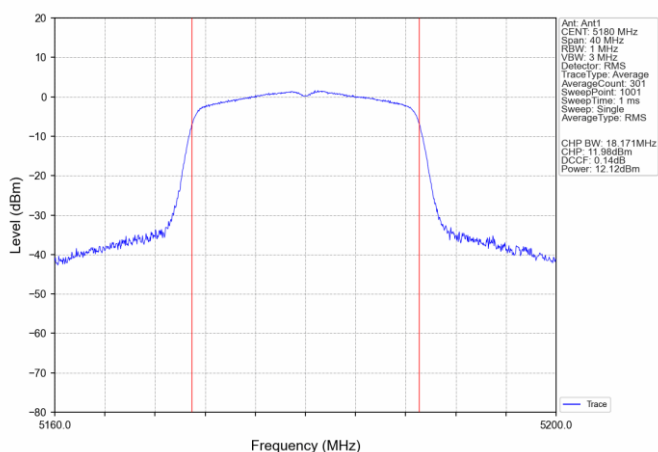


802.11a HCH_5825MHz_Ant1_NTNV

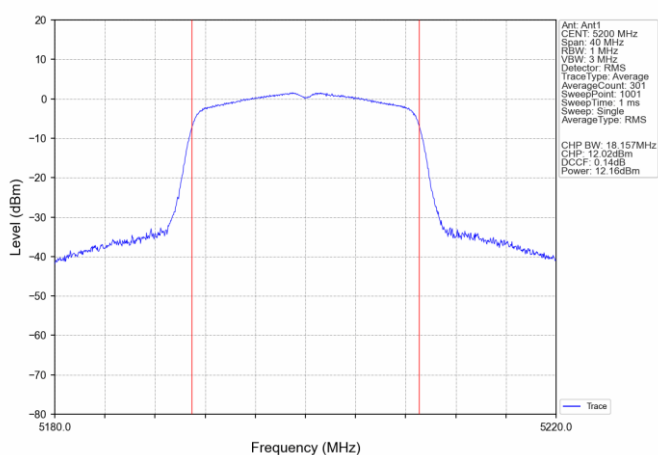




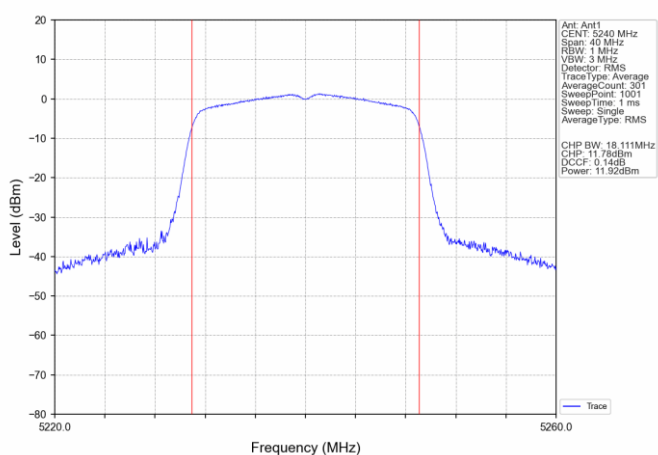
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

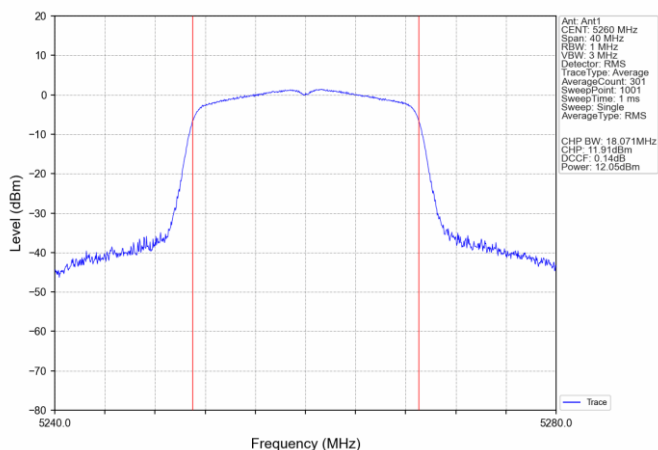


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

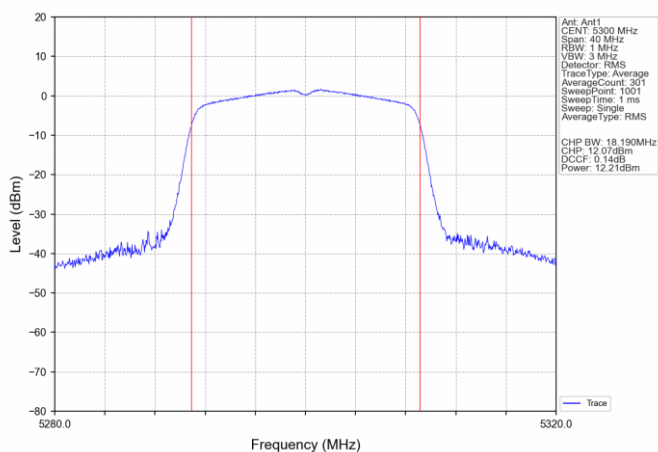




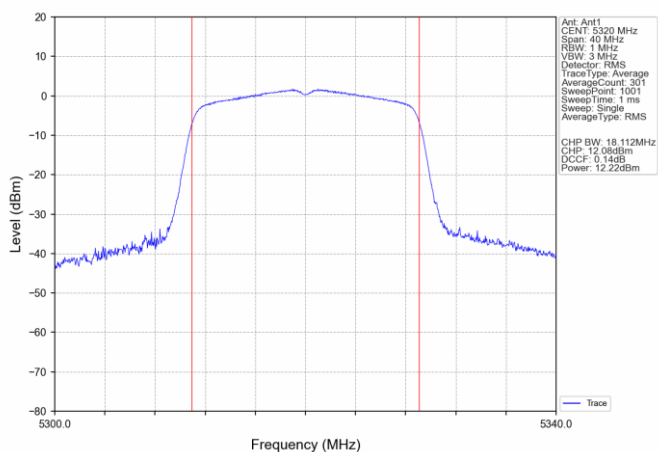
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV

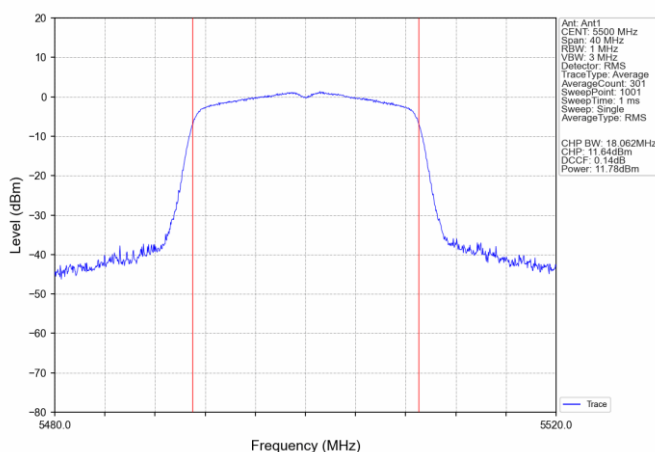


802.11n(HT20)_HCH_5320MHz_Ant1_NTNV

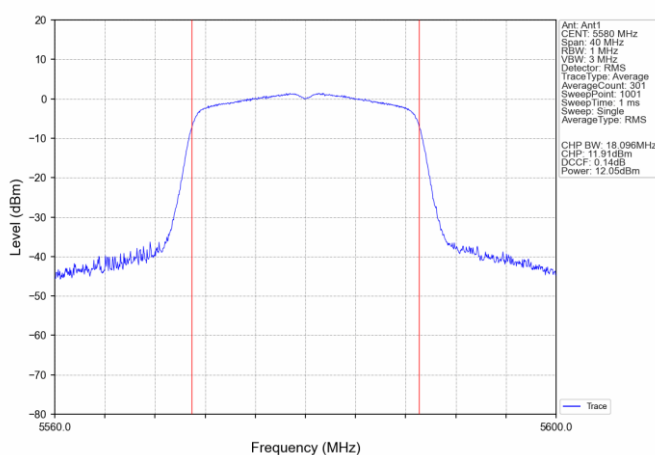




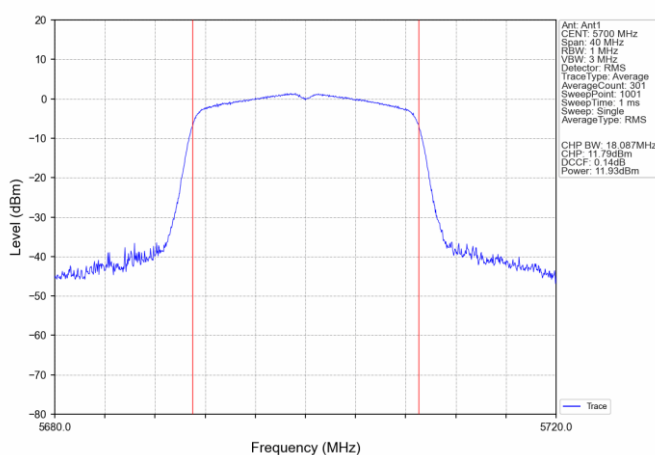
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV

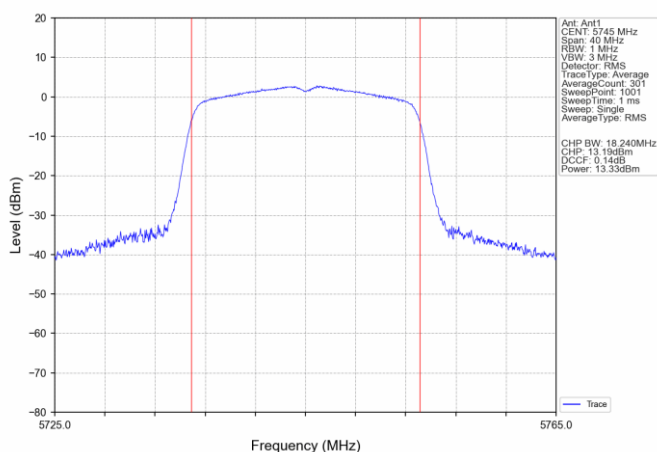


802.11n(HT20)_HCH_5700MHz_Ant1_NTNV

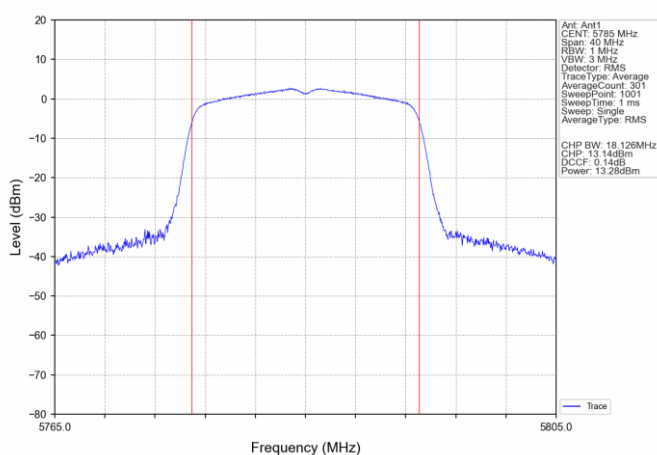




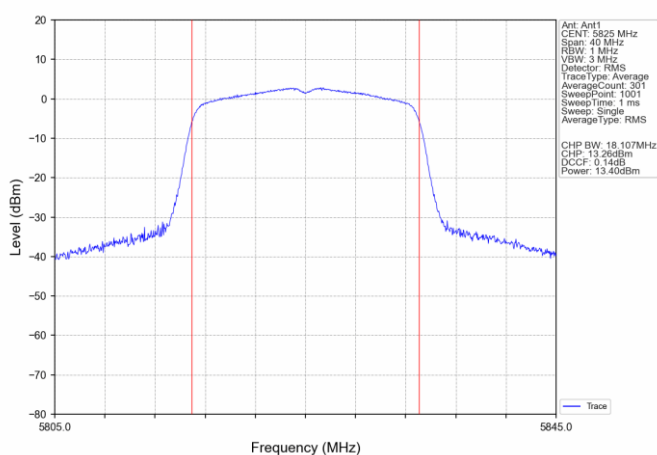
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

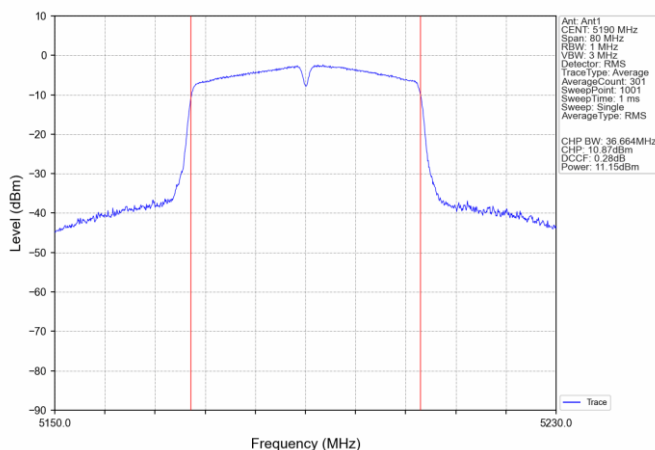


802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

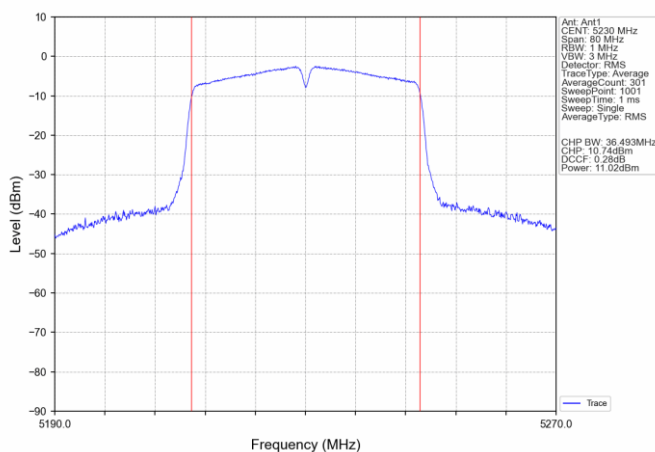




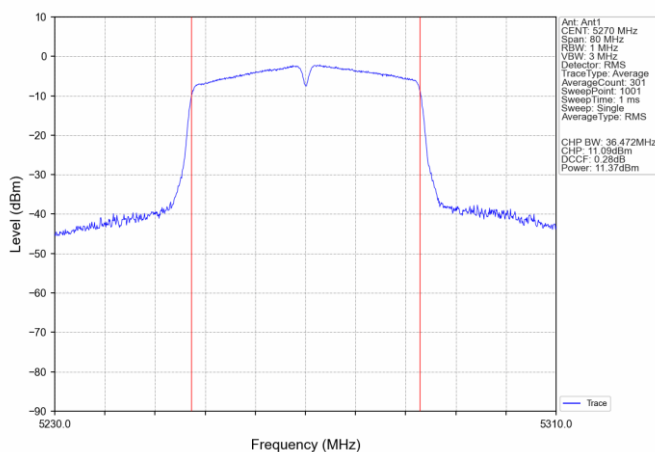
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

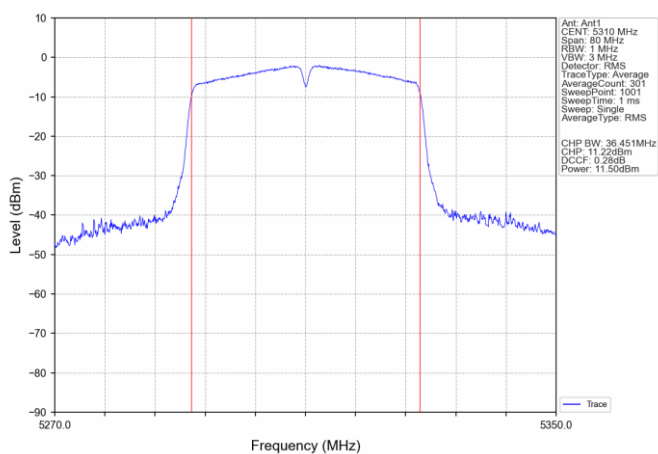


802.11n(HT40)_LCH_5270MHz_Ant1_NTNV

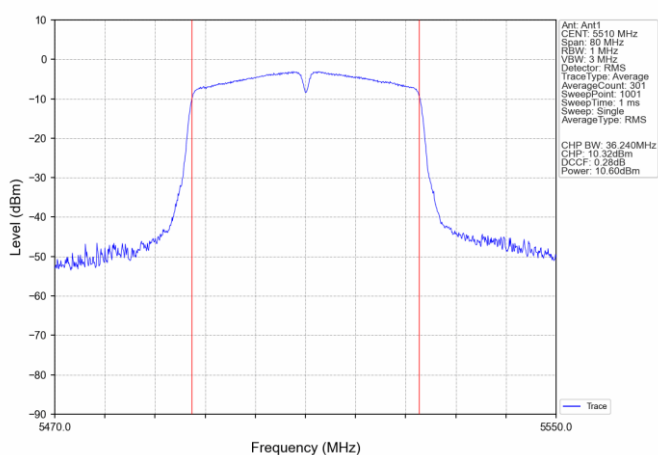




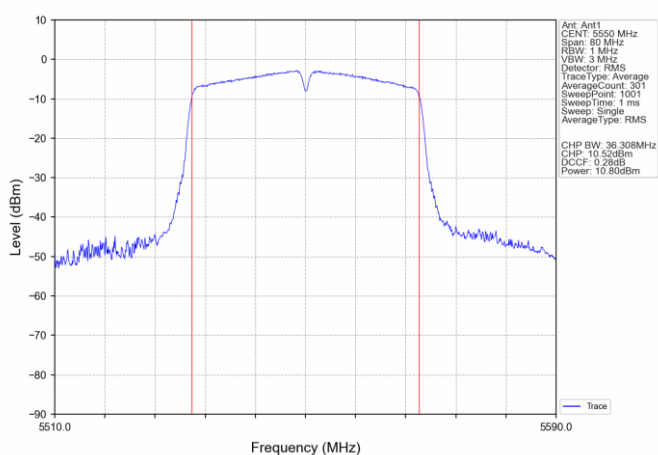
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

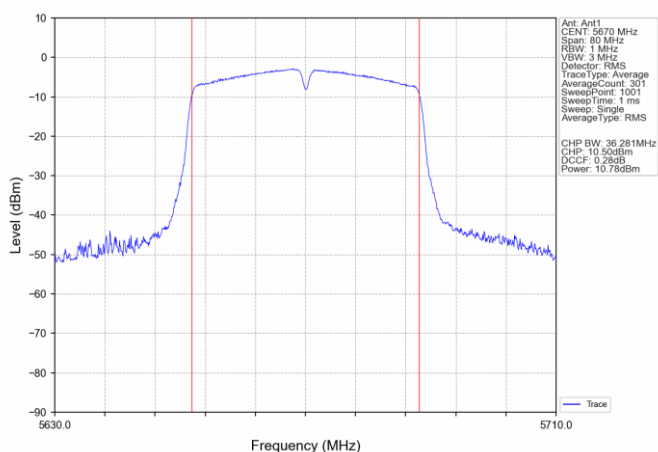


802.11n(HT40)_MCH_5550MHz_Ant1_NTNV

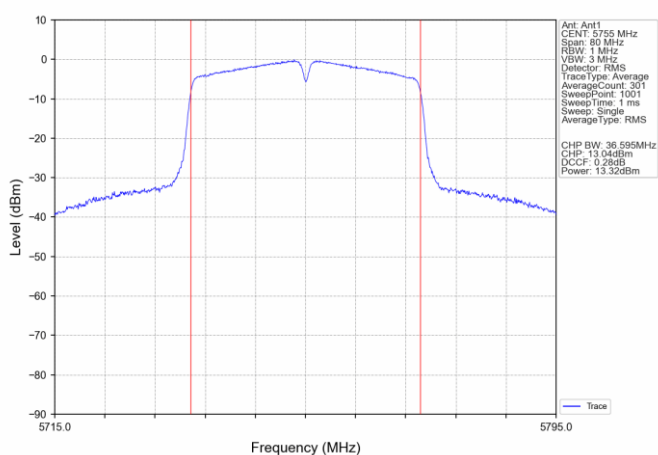




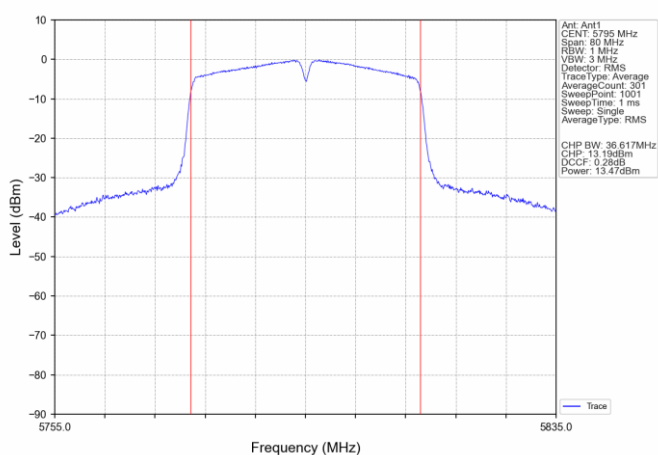
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

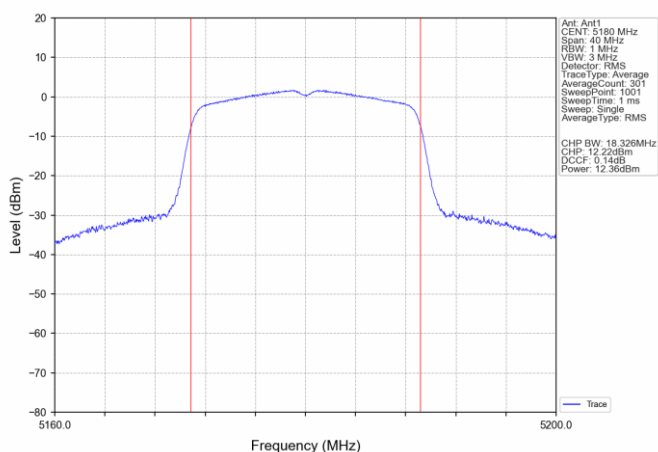


802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

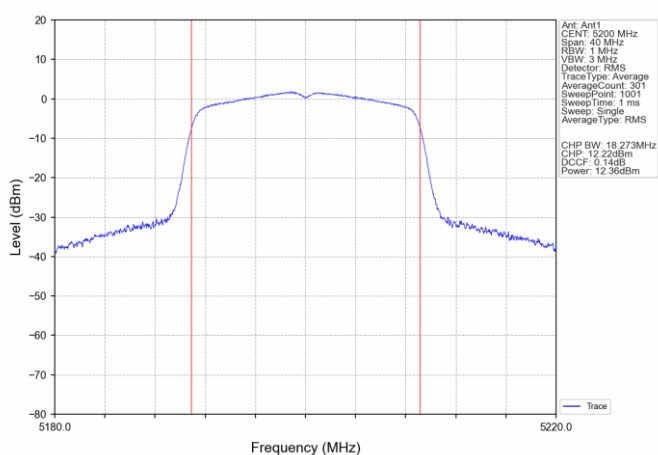




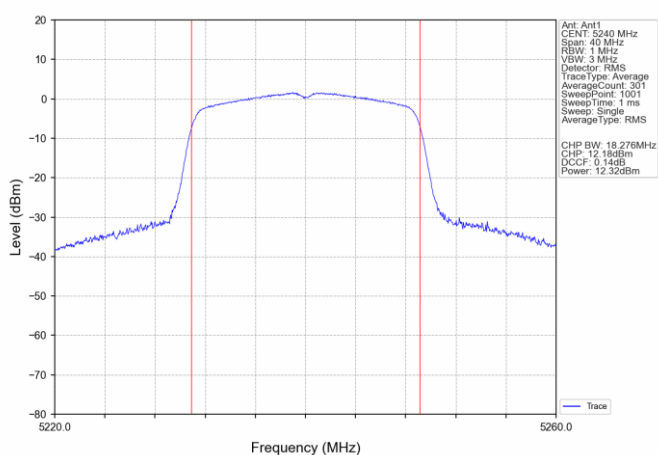
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

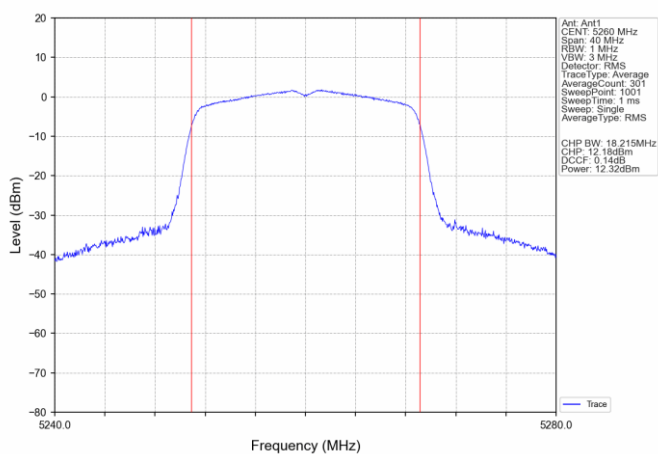


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

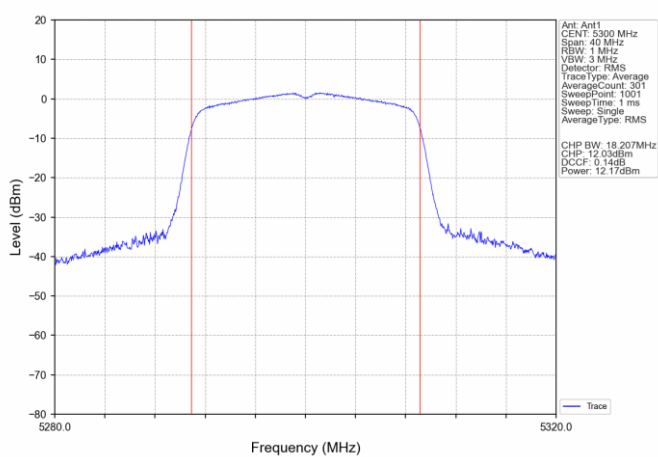




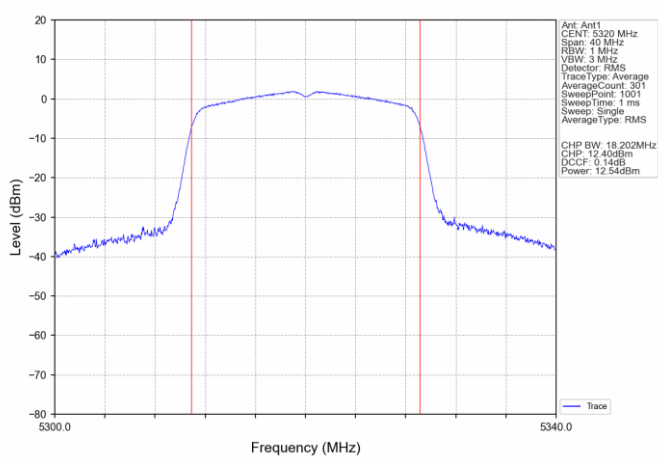
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV

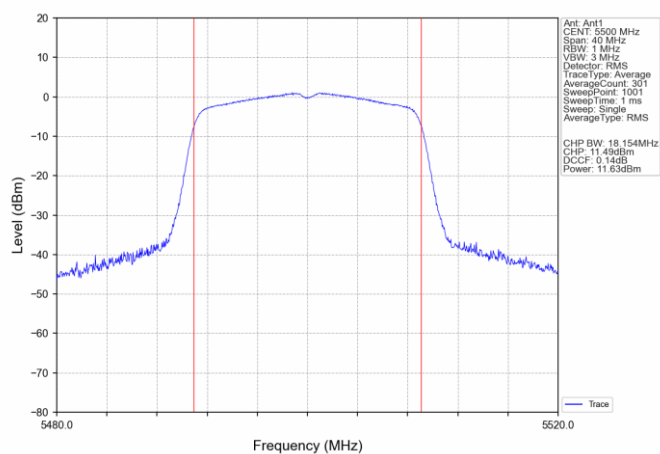


802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV

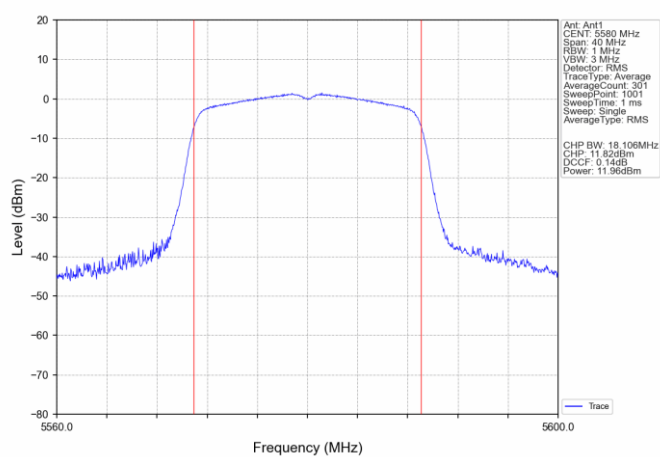




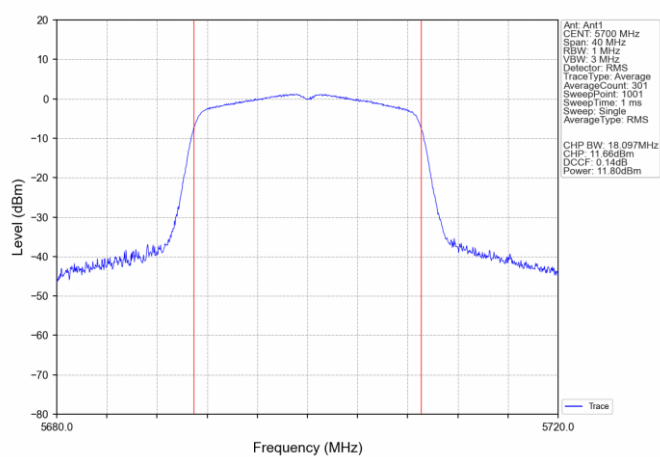
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV

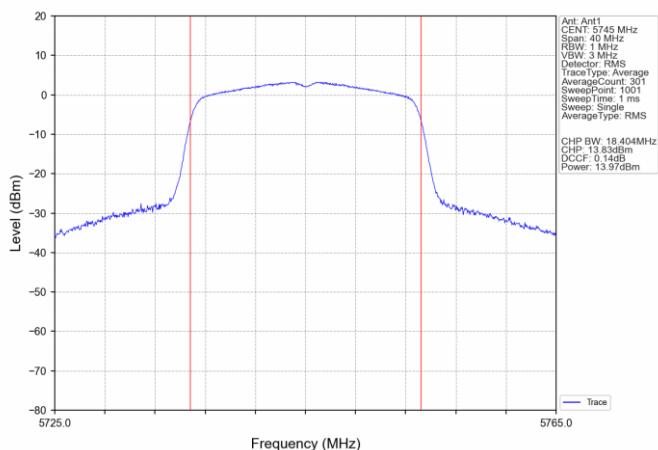


802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV

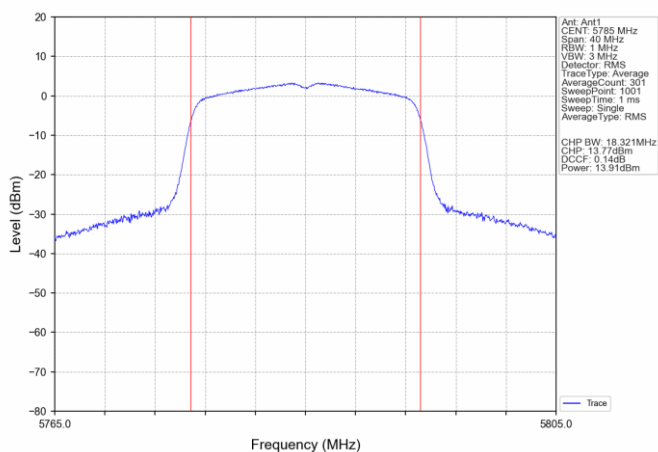




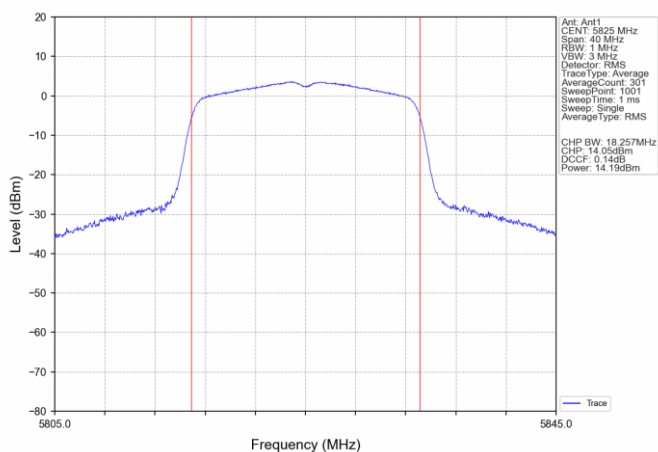
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

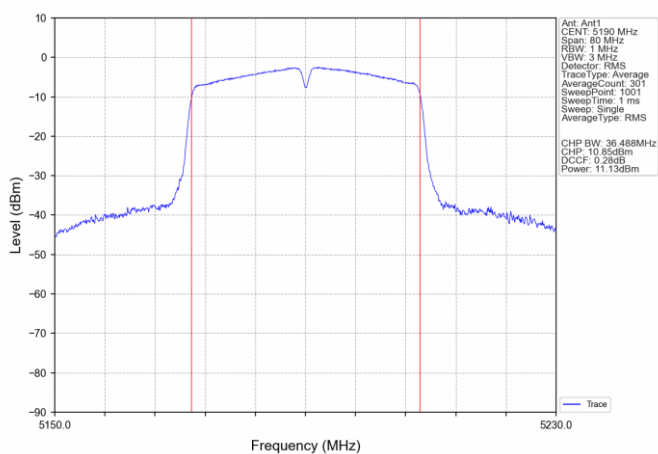


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

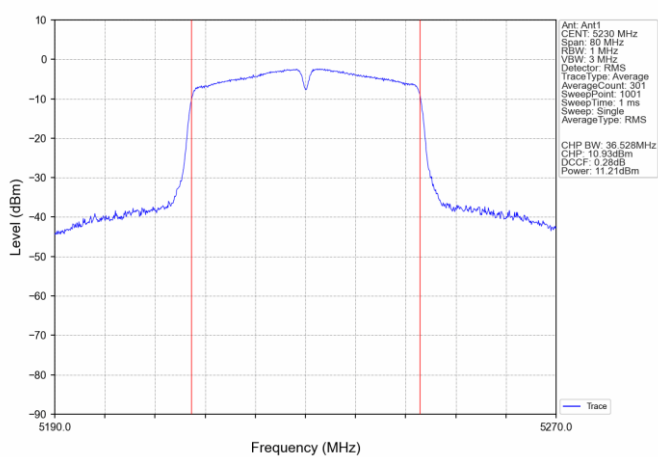




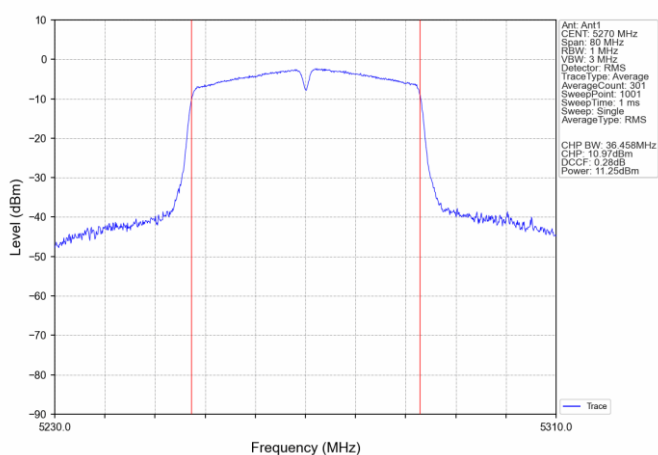
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

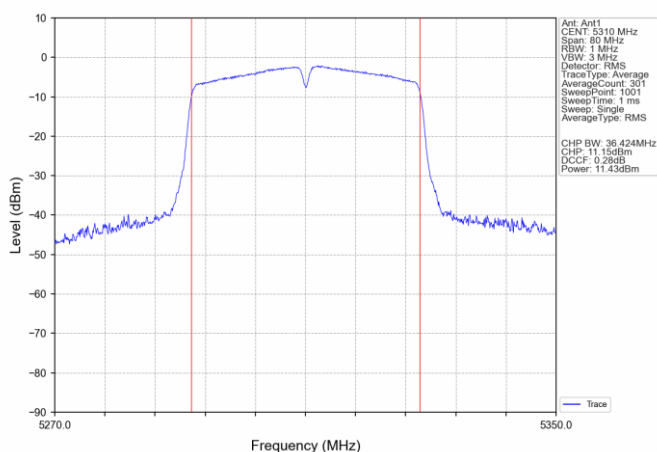


802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV

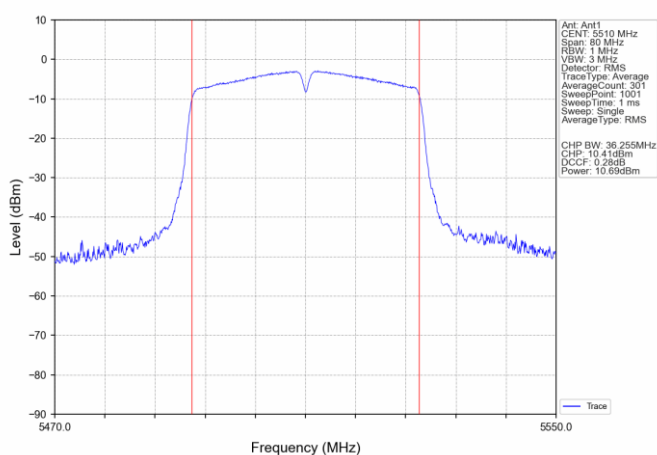




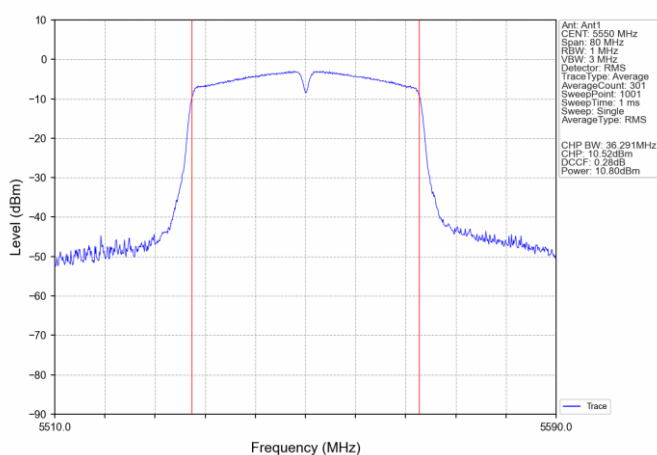
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV

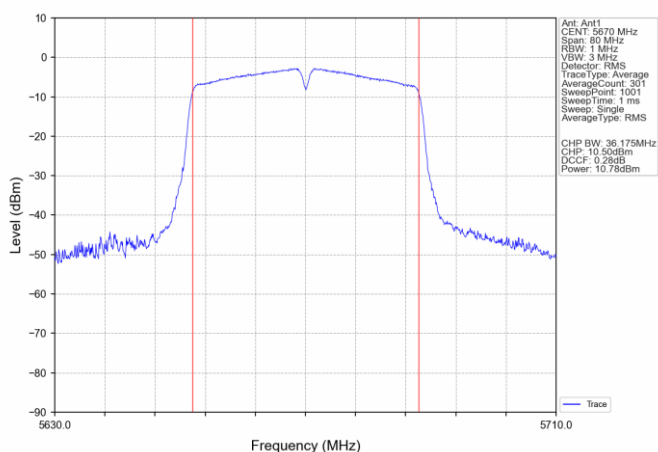


802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV

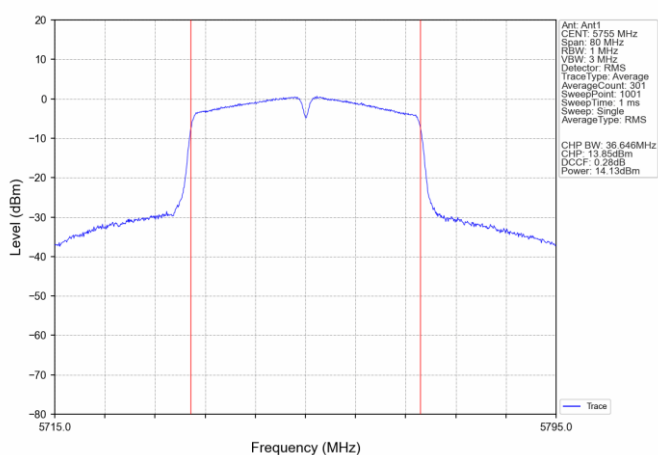




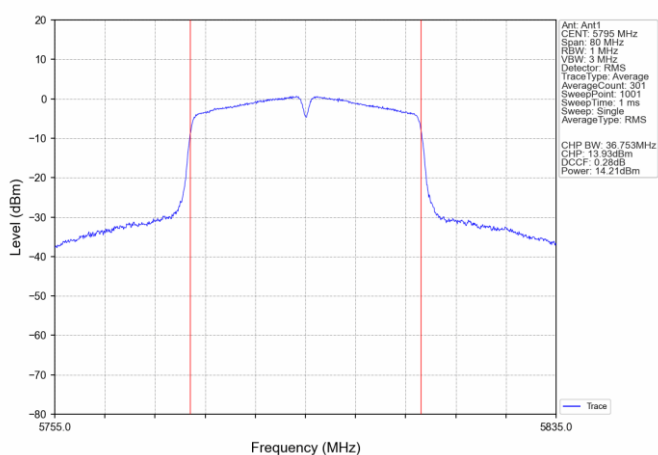
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

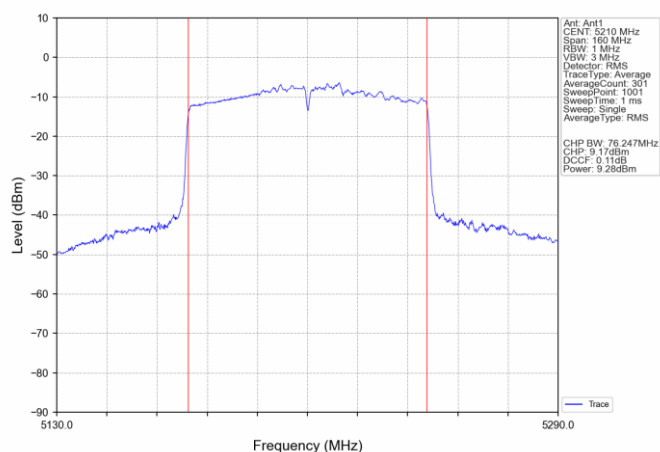


802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV

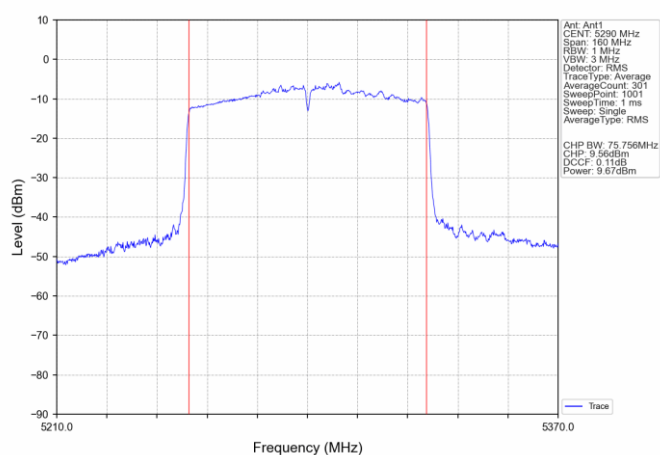




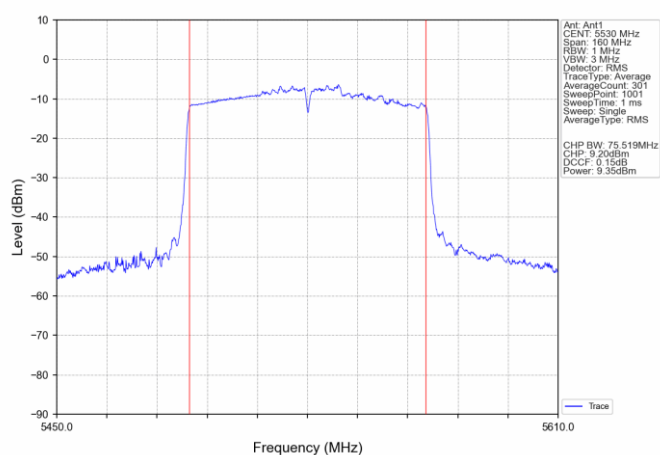
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV

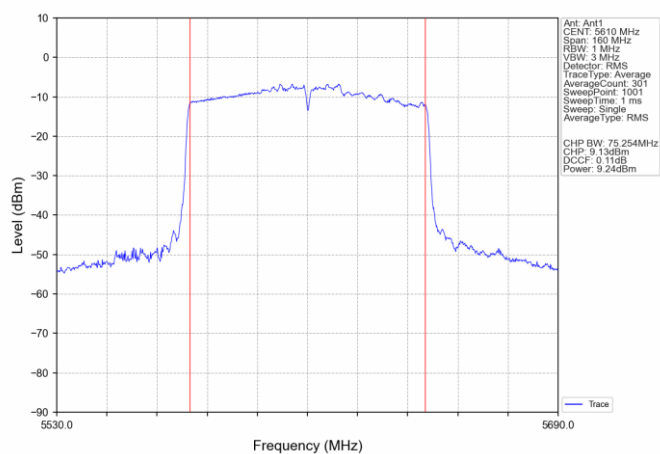


802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

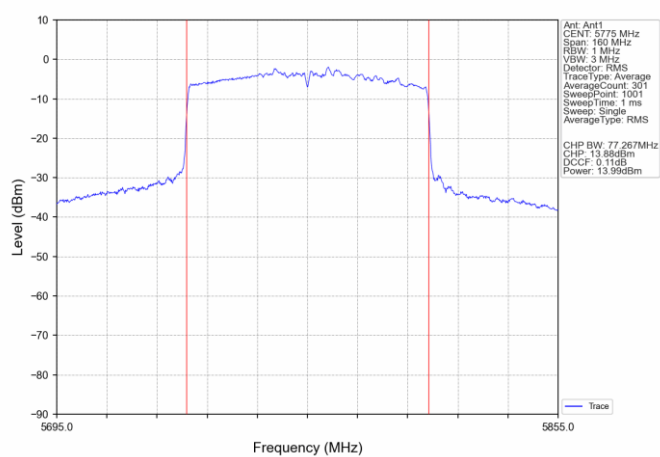




802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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	3.24	<=11	Pass
		5200	3.09	<=11	Pass
		5240	2.83	<=11	Pass
		5260	3.09	<=11	Pass
		5300	2.97	<=11	Pass
		5320	3.11	<=11	Pass
		5500	2.73	<=11	Pass
		5580	2.84	<=11	Pass
		5700	2.98	<=11	Pass
802.11n (HT20)	SISO	5180	1.77	<=11	Pass
		5200	1.74	<=11	Pass
		5240	1.53	<=11	Pass
		5260	1.66	<=11	Pass
		5300	1.70	<=11	Pass
		5320	1.69	<=11	Pass
		5500	1.40	<=11	Pass
		5580	1.67	<=11	Pass
		5700	1.55	<=11	Pass
802.11n (HT40)	SISO	5190	-2.23	<=11	Pass
		5230	-2.36	<=11	Pass
		5270	-2.00	<=11	Pass
		5310	-1.86	<=11	Pass
		5510	-2.62	<=11	Pass
		5550	-2.51	<=11	Pass
		5670	-2.70	<=11	Pass
802.11ac (VHT20)	SISO	5180	2.10	<=11	Pass
		5200	1.91	<=11	Pass
		5240	1.86	<=11	Pass
		5260	1.93	<=11	Pass
		5300	1.61	<=11	Pass
		5320	2.02	<=11	Pass
		5500	1.22	<=11	Pass
		5580	1.51	<=11	Pass
		5700	1.43	<=11	Pass
802.11ac	SISO	5190	-2.28	<=11	Pass



(VHT40)		5230	-2.08	<=11	Pass
		5270	-1.90	<=11	Pass
		5310	-1.95	<=11	Pass
		5510	-2.59	<=11	Pass
		5550	-2.53	<=11	Pass
		5670	-2.48	<=11	Pass
802.11ac (VHT80)	SISO	5210	-6.22	<=11	Pass
		5290	-5.62	<=11	Pass
		5530	-6.41	<=11	Pass
		5610	-6.38	<=11	Pass

Note1: Antenna Gain:
- Band: 3 Ant1: 1.88dBi;
- Band: 2A Ant1: 1.88dBi;
- Band: 2C Ant1: 1.88dBi;
- Band: 1 Ant1: 1.88dBi;

4.1.2 PSD-Band3

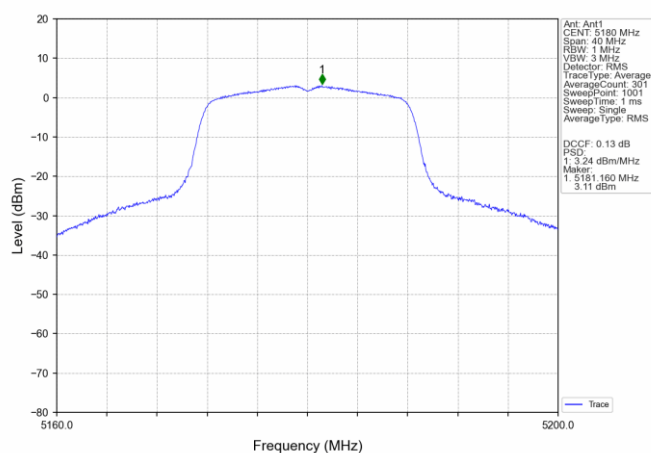
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	1.10	<=30	Pass
		5785	1.25	<=30	Pass
		5825	1.30	<=30	Pass
802.11n (HT20)	SISO	5745	0.04	<=30	Pass
		5785	0.05	<=30	Pass
		5825	0.19	<=30	Pass
802.11n (HT40)	SISO	5755	-2.79	<=30	Pass
		5795	-2.72	<=30	Pass
802.11ac (VHT20)	SISO	5745	0.69	<=30	Pass
		5785	0.62	<=30	Pass
		5825	1.04	<=30	Pass
802.11ac (VHT40)	SISO	5755	-1.92	<=30	Pass
		5795	-2.09	<=30	Pass
802.11ac (VHT80)	SISO	5775	-3.72	<=30	Pass
Note1: Antenna Gain: - Band: 1 Ant1: 1.88dBi; - Band: 3 Ant1: 1.88dBi; - Band: 2A Ant1: 1.88dBi; - Band: 2C Ant1: 1.88dBi;					



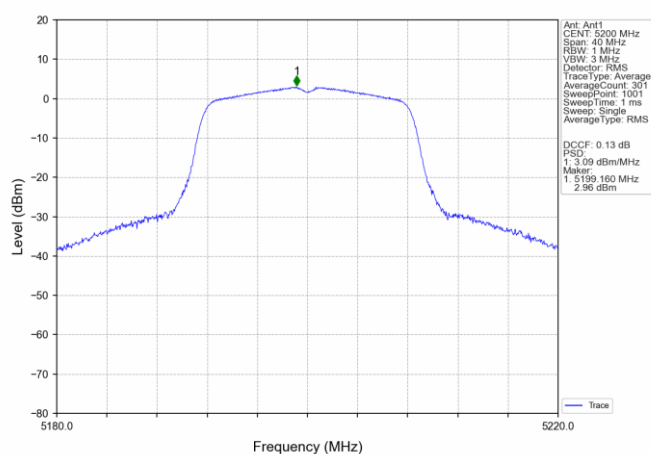
4.2 Test Graph

4.2.1 PSD

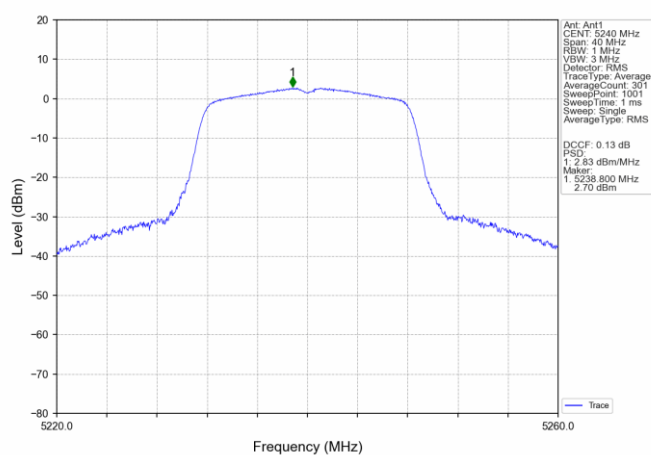
802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant1_NTNV

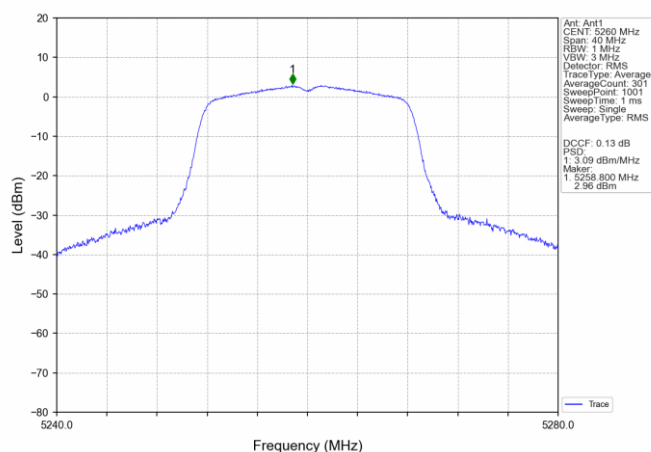


802.11a_HCH_5240MHz_Ant1_NTNV

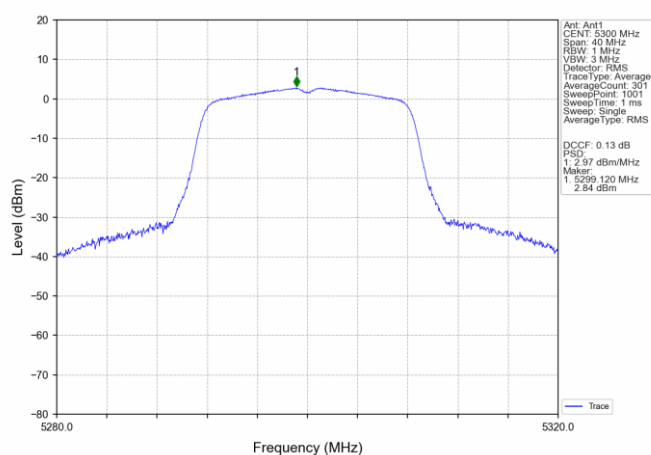




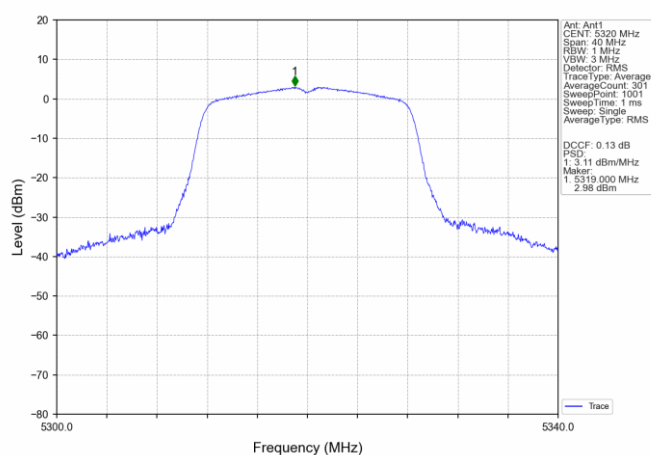
802.11a LCH_5260MHz_Ant1_NTNV



802.11a MCH_5300MHz_Ant1_NTNV

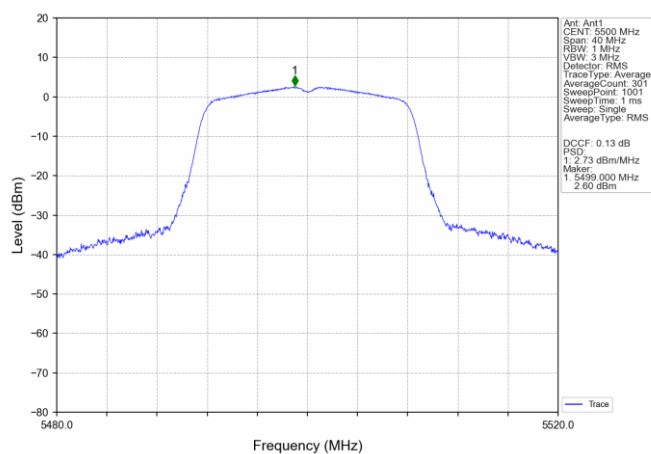


802.11a HCH_5320MHz_Ant1_NTNV

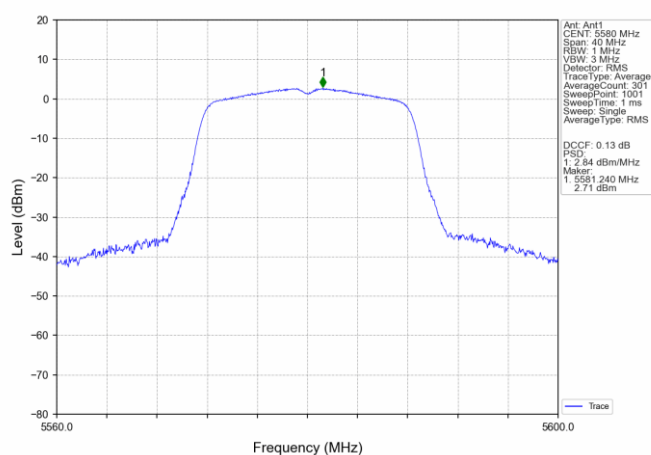




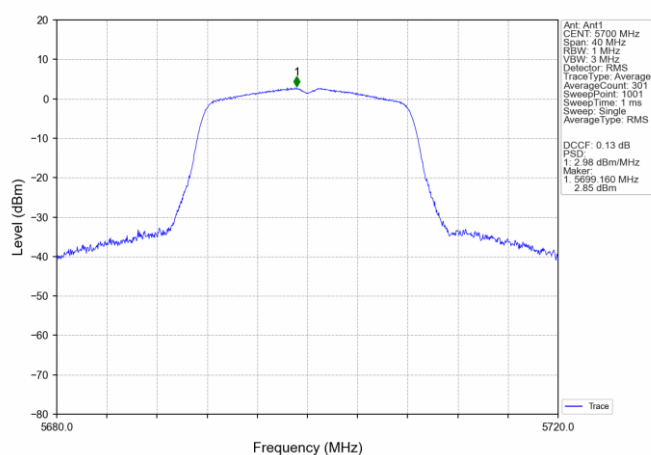
802.11a LCH_5500MHz_Ant1_NTNV



802.11a MCH_5580MHz_Ant1_NTNV

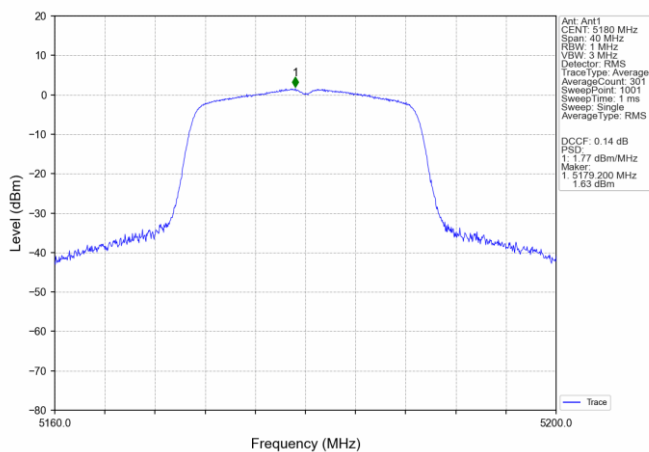


802.11a HCH_5700MHz_Ant1_NTNV

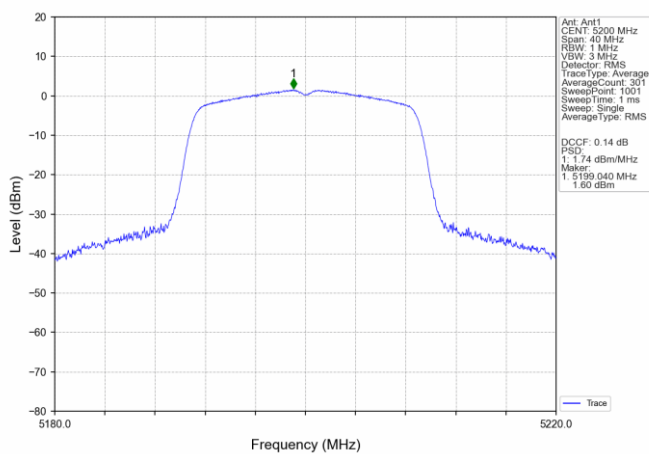




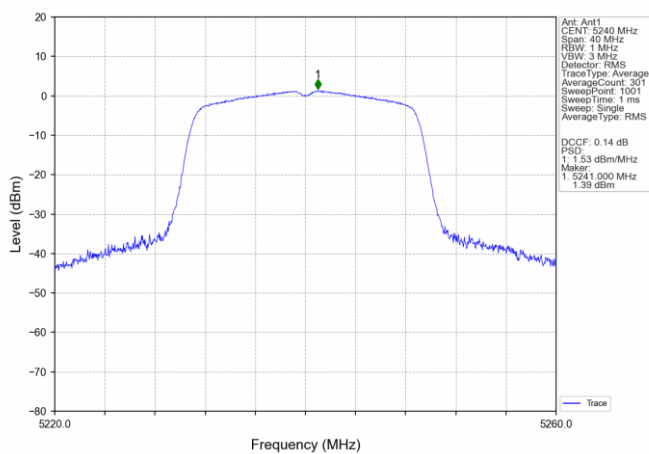
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

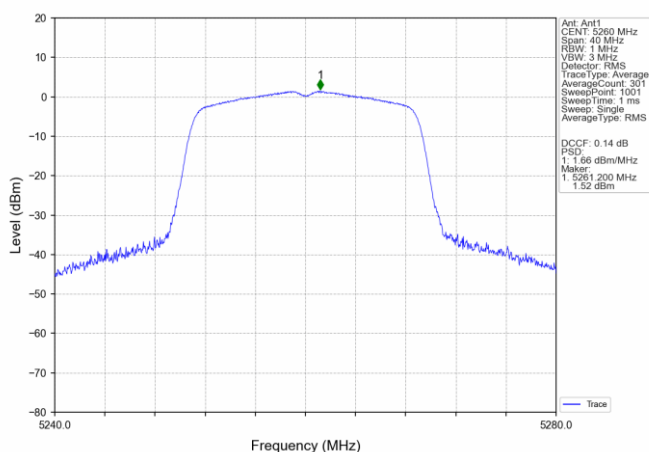


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

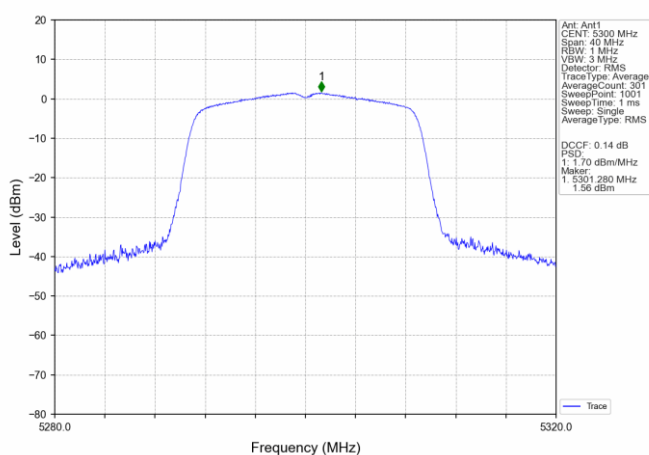




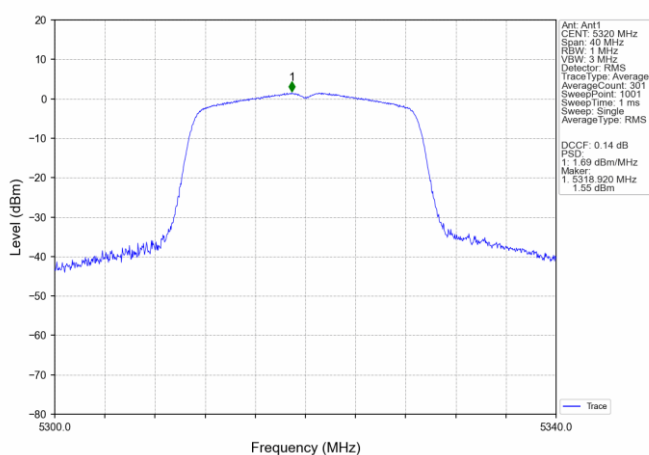
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV

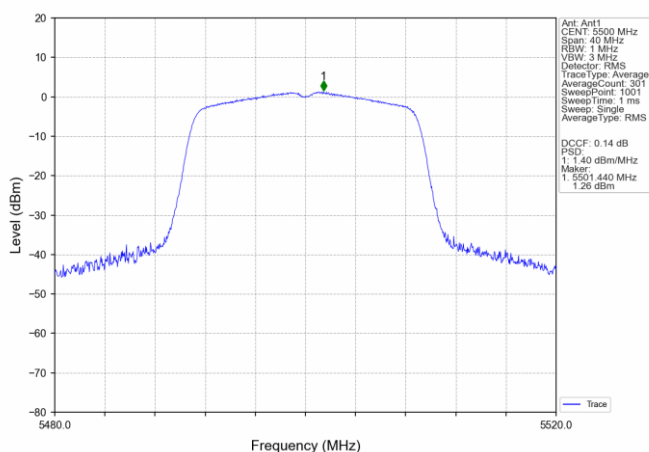


802.11n(HT20)_HCH_5320MHz_Ant1_NTNV

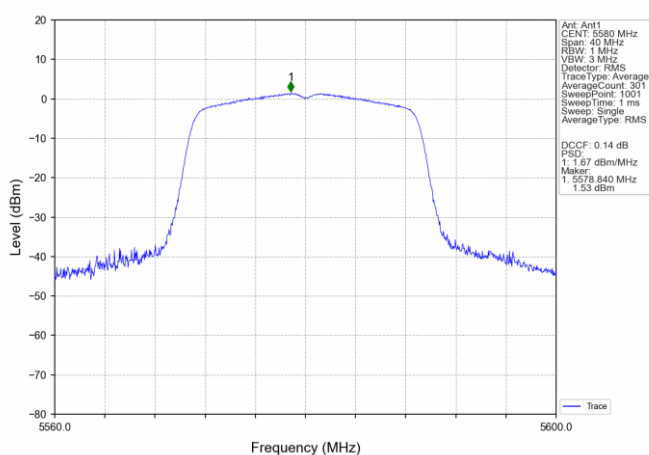




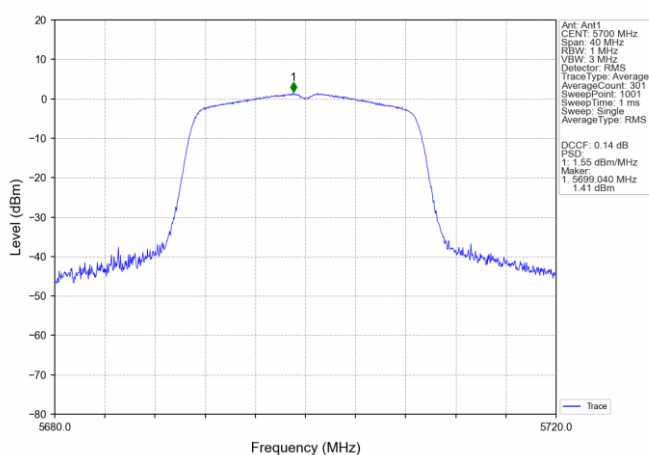
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV

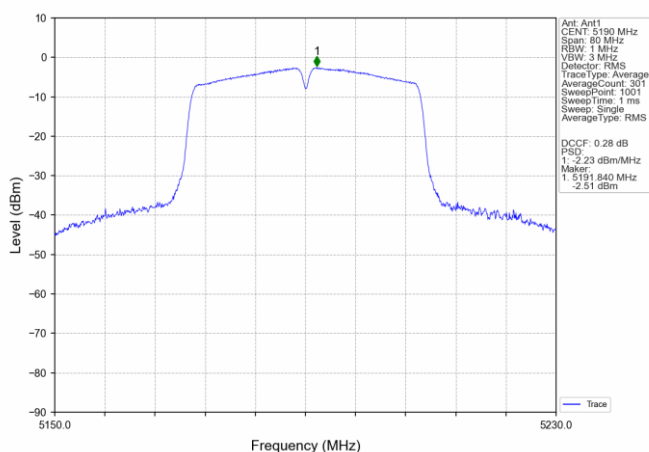


802.11n(HT20)_HCH_5700MHz_Ant1_NTNV

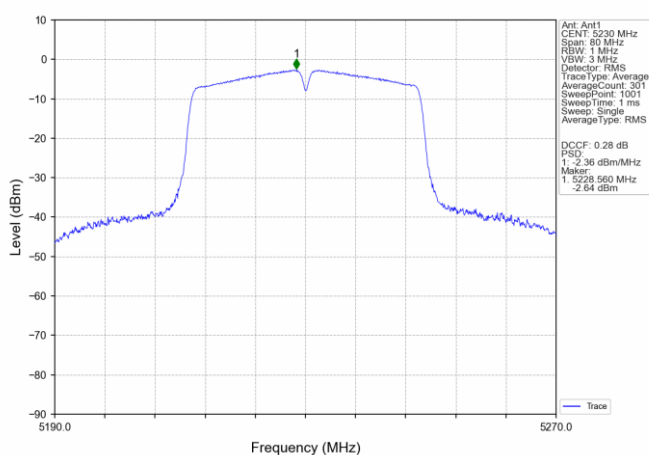




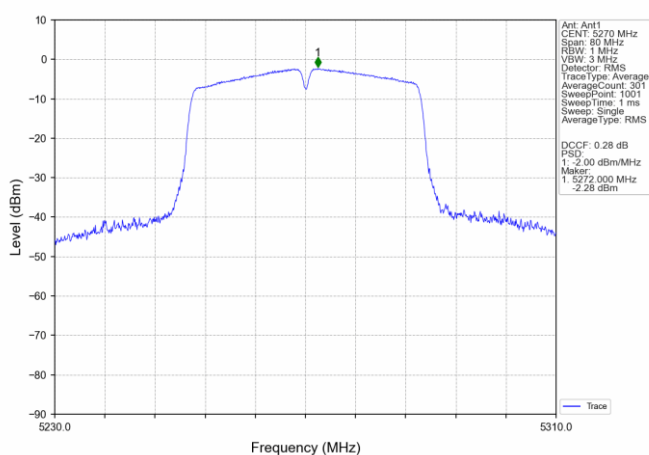
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

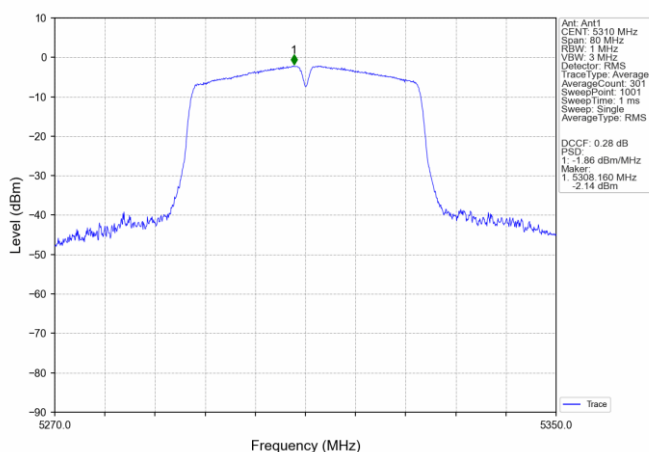


802.11n(HT40)_LCH_5270MHz_Ant1_NTNV

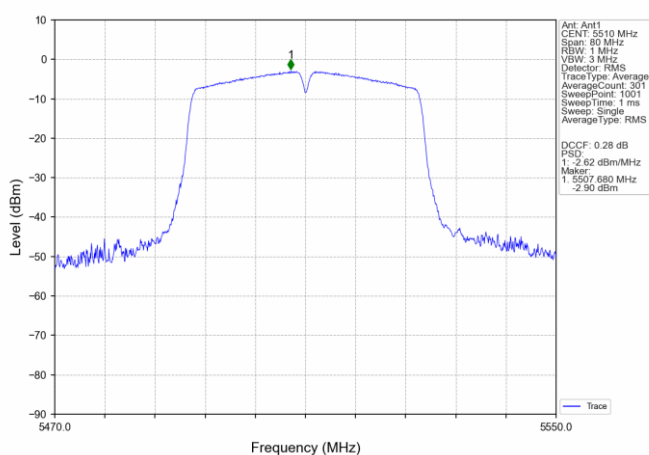




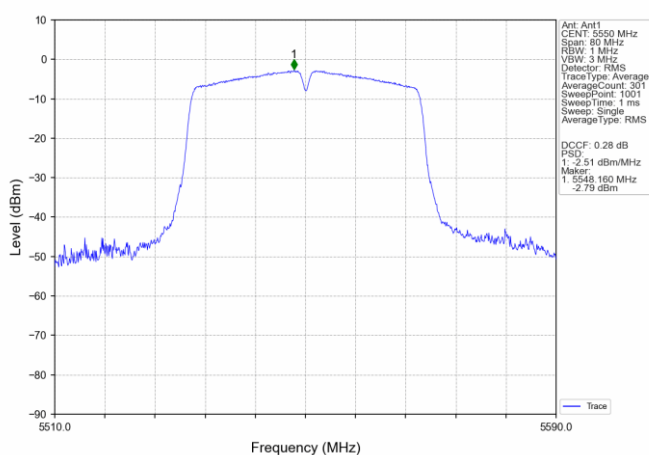
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

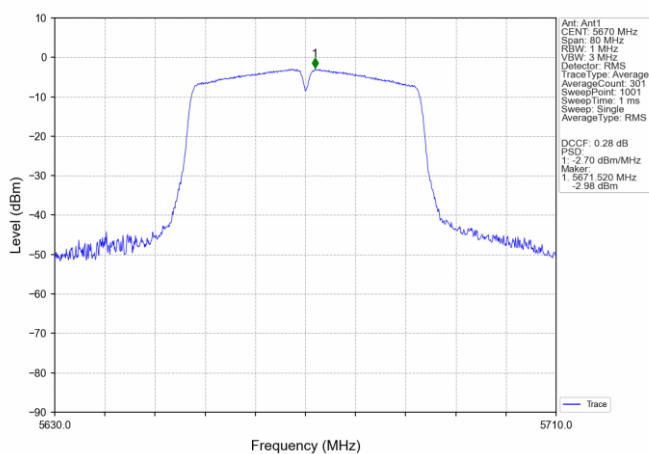


802.11n(HT40)_MCH_5550MHz_Ant1_NTNV

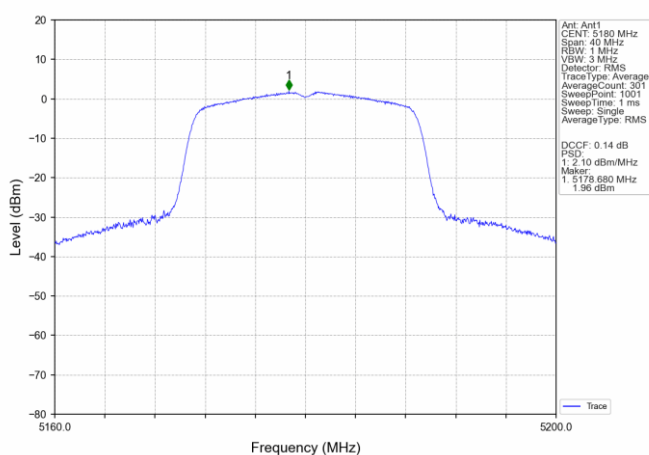




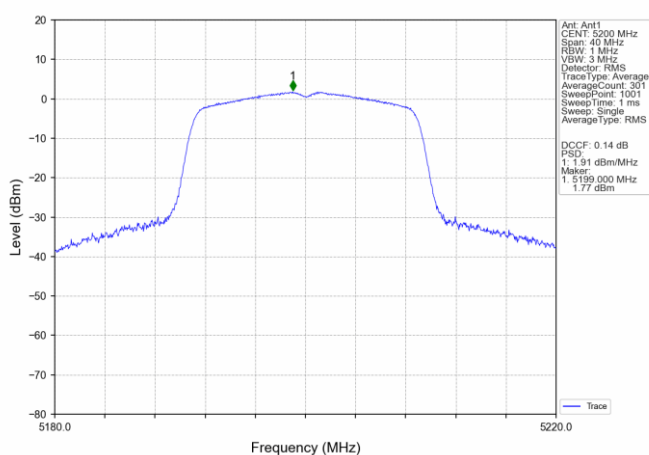
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

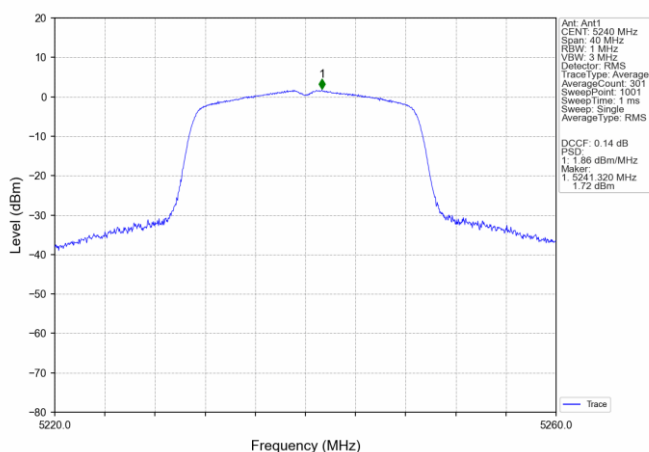


802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

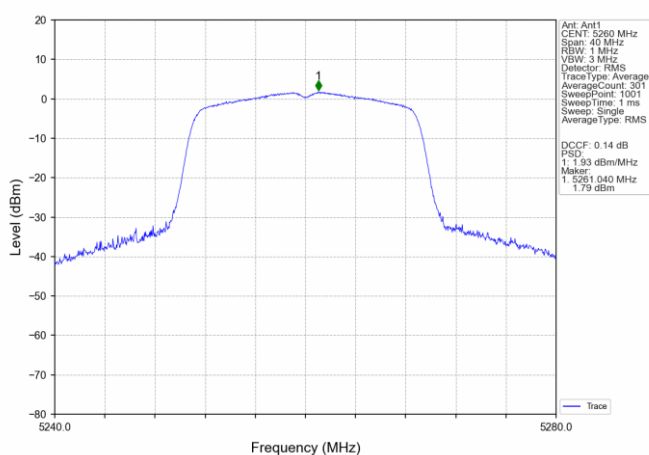




802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV

