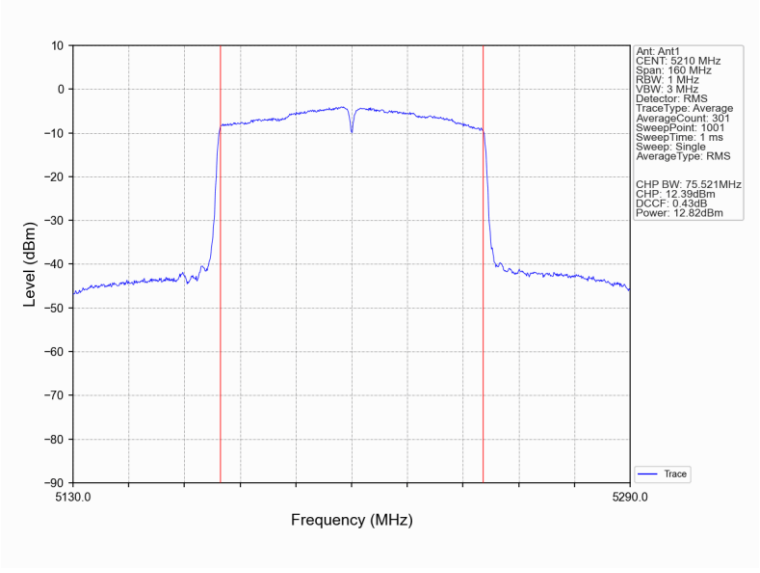
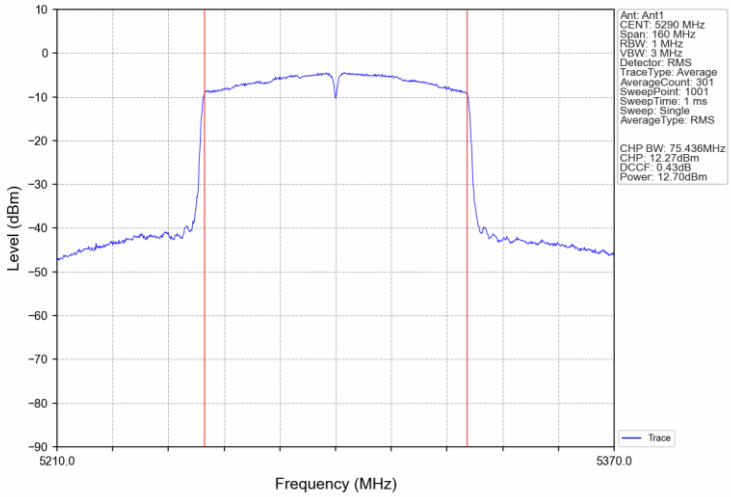
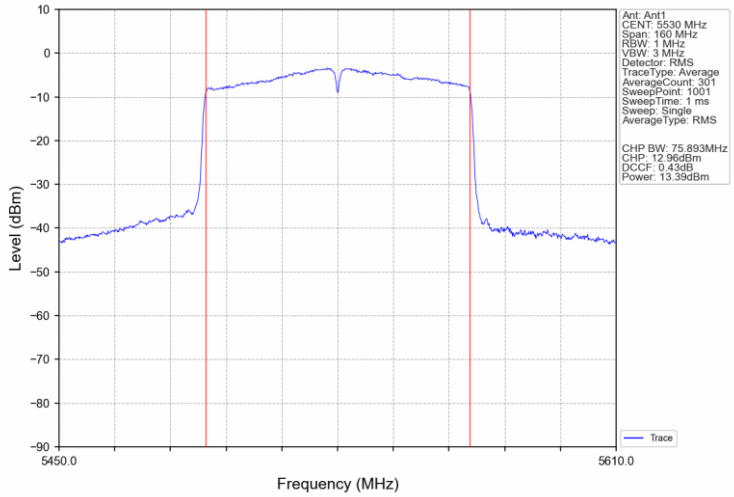
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



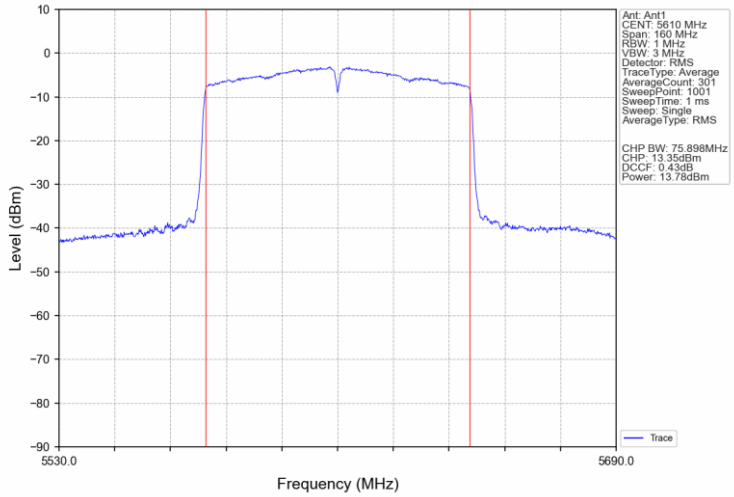
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



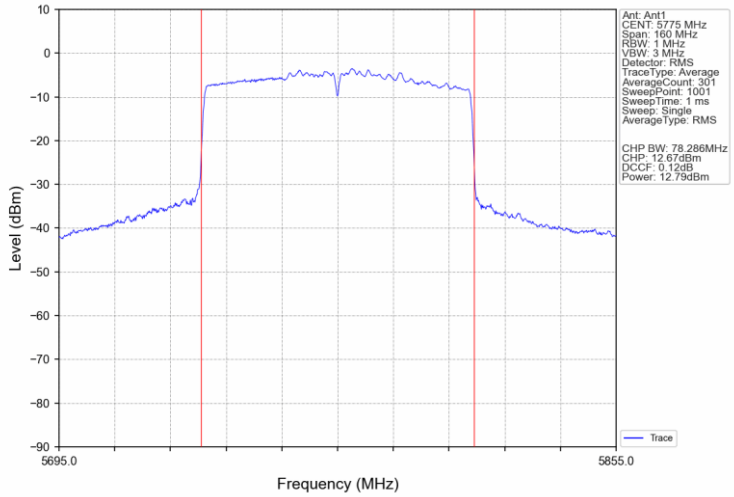
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



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	2.41	<=11	Pass
		5200	2.29	<=11	Pass
		5240	2.90	<=11	Pass
		5260	1.67	<=11	Pass
		5300	2.55	<=11	Pass
		5320	3.77	<=11	Pass
		5500	2.13	<=11	Pass
		5580	2.10	<=11	Pass
		5700	3.91	<=11	Pass
802.11n (HT20)	SISO	5180	2.52	<=11	Pass
		5200	3.28	<=11	Pass
		5240	2.86	<=11	Pass
		5260	3.20	<=11	Pass
		5300	3.35	<=11	Pass
		5320	3.39	<=11	Pass
		5500	3.06	<=11	Pass
		5580	3.08	<=11	Pass
		5700	3.66	<=11	Pass
802.11n (HT40)	SISO	5190	0.01	<=11	Pass
		5230	0.65	<=11	Pass
		5270	0.64	<=11	Pass
		5310	0.97	<=11	Pass
		5510	-0.04	<=11	Pass
		5550	0.23	<=11	Pass
		5670	0.49	<=11	Pass
802.11ac (VHT20)	SISO	5180	2.50	<=11	Pass
		5200	2.06	<=11	Pass
		5240	3.01	<=11	Pass
		5260	2.93	<=11	Pass
		5300	2.18	<=11	Pass
		5320	3.46	<=11	Pass
		5500	3.02	<=11	Pass
		5580	1.75	<=11	Pass
		5700	3.56	<=11	Pass
802.11ac (VHT40)	SISO	5190	0.26	<=11	Pass
		5230	0.65	<=11	Pass
		5270	0.55	<=11	Pass
		5310	0.91	<=11	Pass
		5510	-0.05	<=11	Pass
		5550	-0.90	<=11	Pass

		5670	0.48	<=11	Pass
802.11ac (VHT80)	SISO	5210	-3.77	<=11	Pass
		5290	-4.01	<=11	Pass
		5530	-2.80	<=11	Pass
		5610	-2.70	<=11	Pass
Note1: Antenna Gain: Ant1: 3.00dBi;					

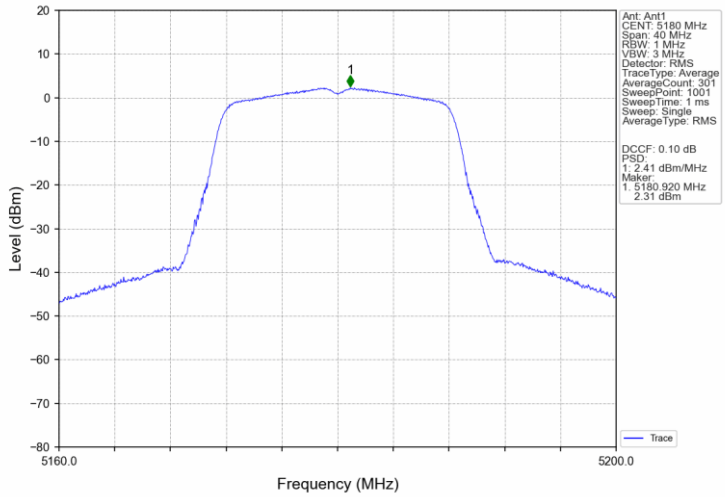
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-0.35	<=30	Pass
		5785	-0.26	<=30	Pass
		5825	1.04	<=30	Pass
802.11n (HT20)	SISO	5745	0.59	<=30	Pass
		5785	0.68	<=30	Pass
		5825	0.73	<=30	Pass
802.11n (HT40)	SISO	5755	-2.56	<=30	Pass
		5795	-2.29	<=30	Pass
802.11ac (VHT20)	SISO	5745	0.61	<=30	Pass
		5785	-0.59	<=30	Pass
		5825	0.70	<=30	Pass
802.11ac (VHT40)	SISO	5755	-2.66	<=30	Pass
		5795	-2.18	<=30	Pass
802.11ac (VHT80)	SISO	5775	-5.50	<=30	Pass
Note1: Antenna Gain: Ant1: 3.00dBi;					

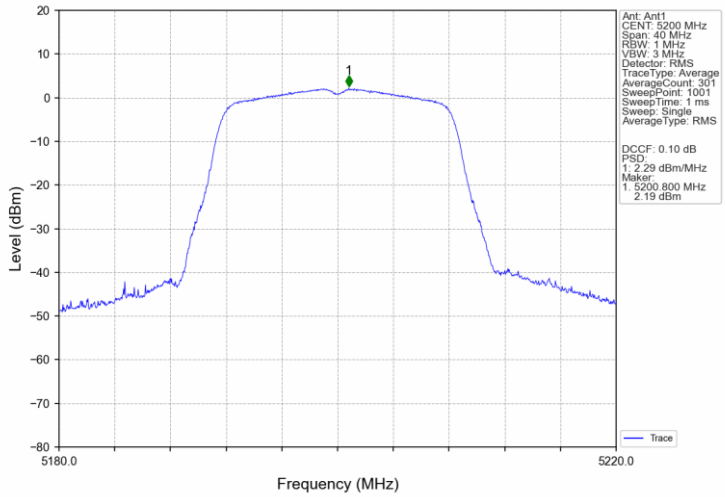
4.2 Test Graph

4.2.1 PSD

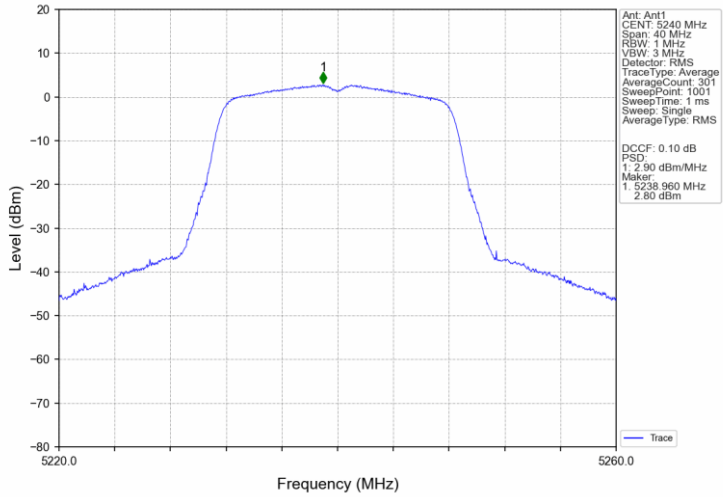
802.11a_LCH_5180MHz_Ant1_NTNV



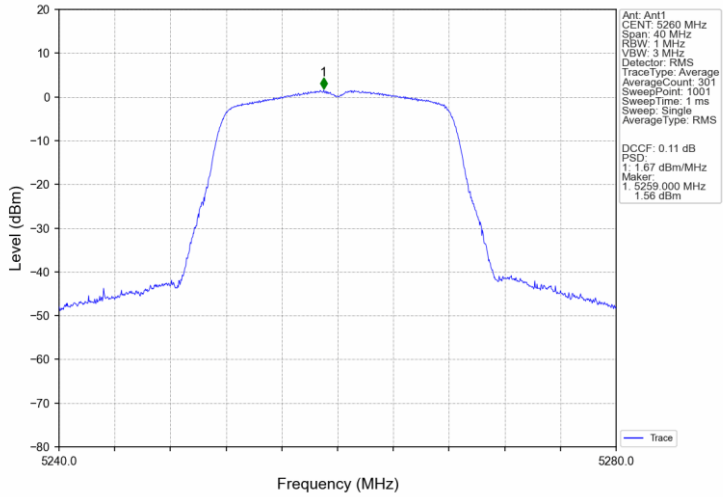
802.11a_MCH_5200MHz_Ant1_NTNV



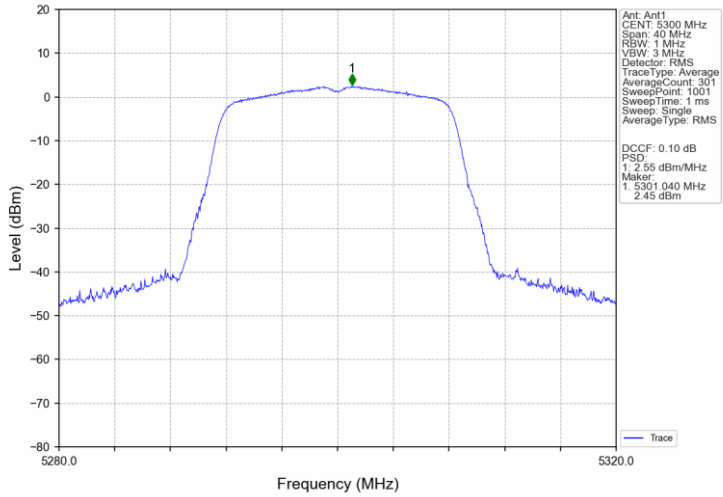
802.11a_HCH_5240MHz_Ant1_NTNV



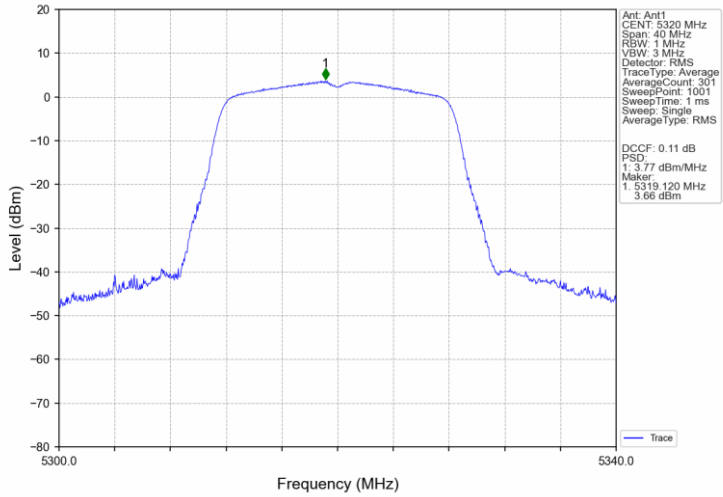
802.11a_LCH_5260MHz_Ant1_NTNV



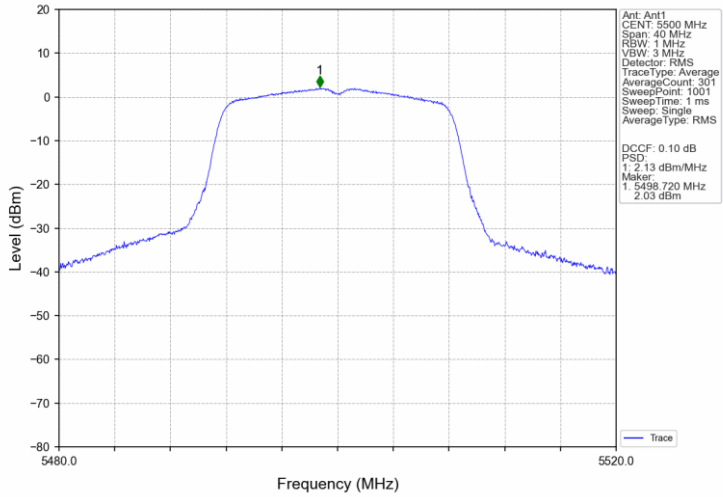
802.11a_MCH_5300MHz_Ant1_NTNV



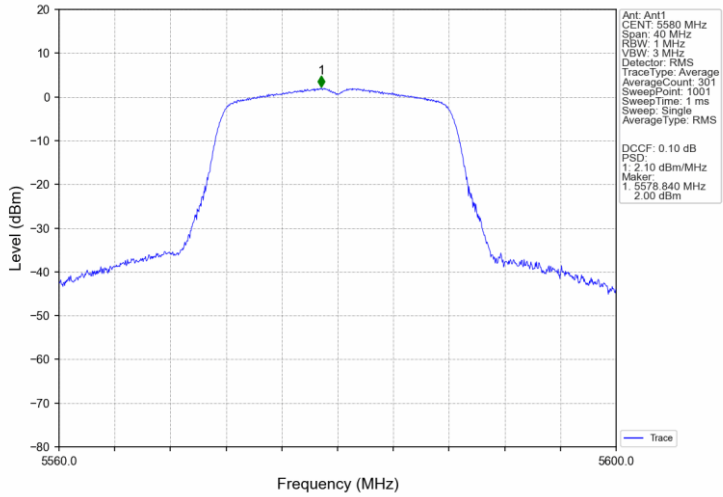
802.11a_HCH_5320MHz_Ant1_NTNV



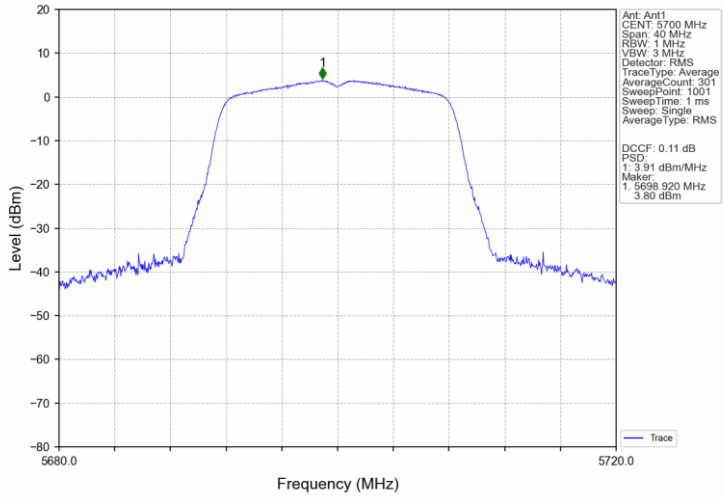
802.11a_LCH_5500MHz_Ant1_NTNV



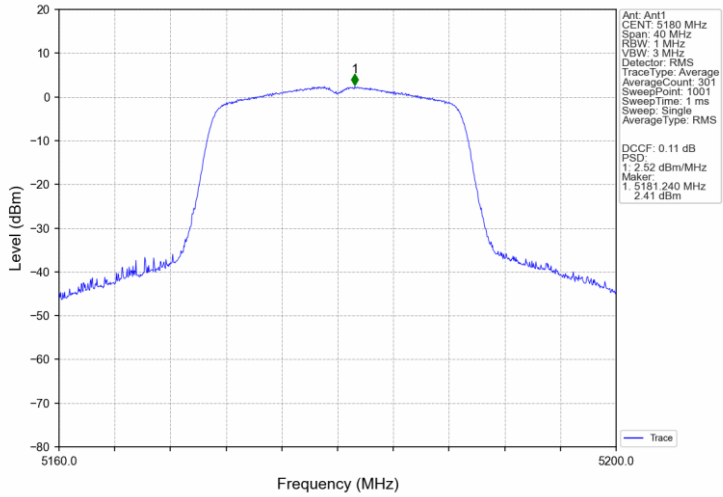
802.11a_MCH_5580MHz_Ant1_NTNV



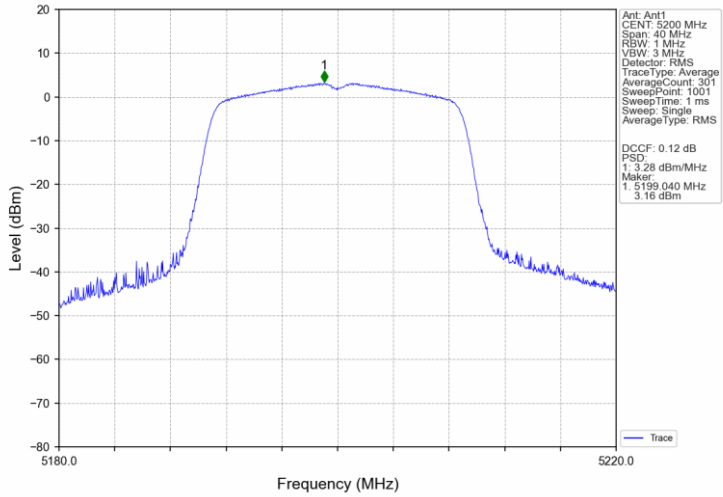
802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



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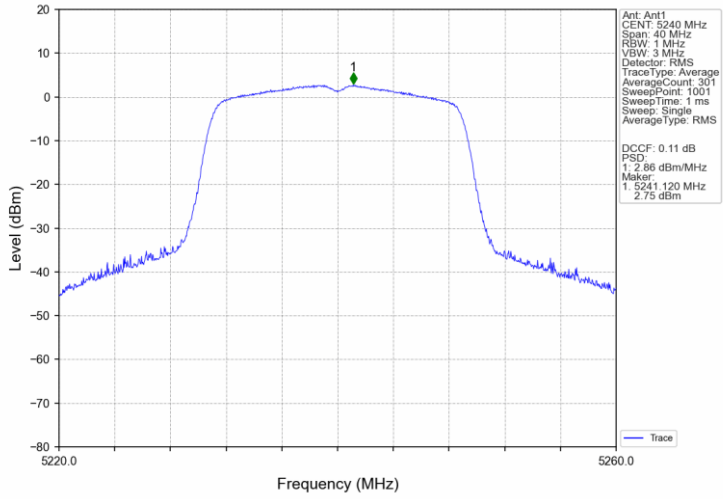
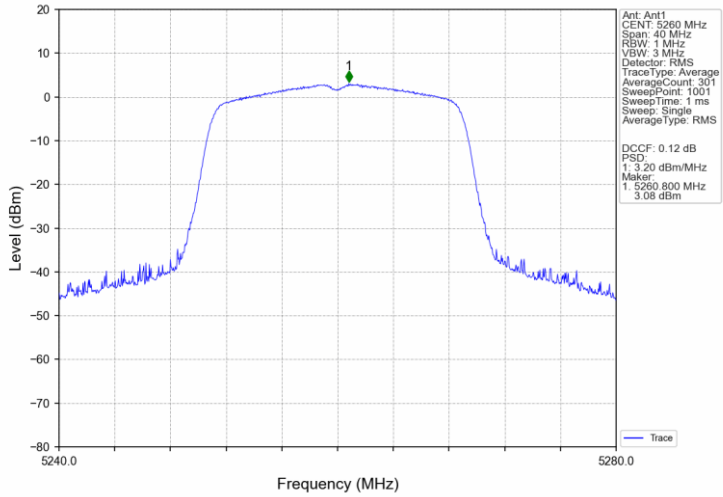
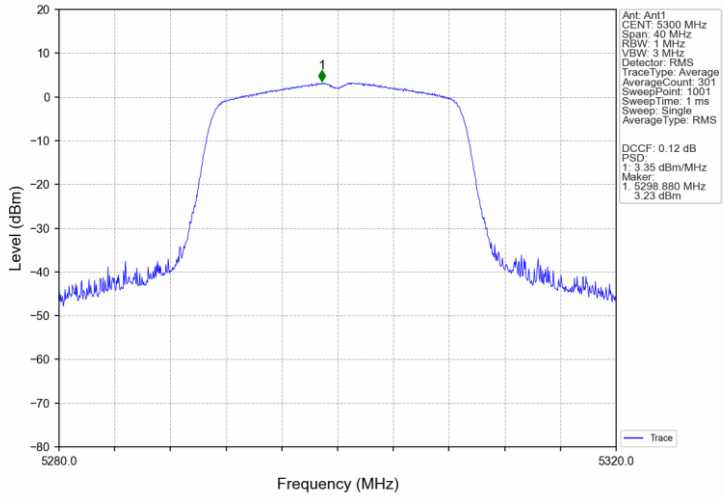


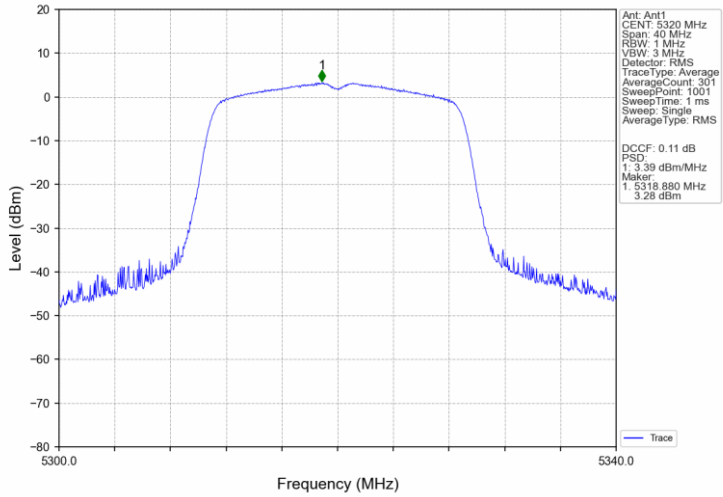
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



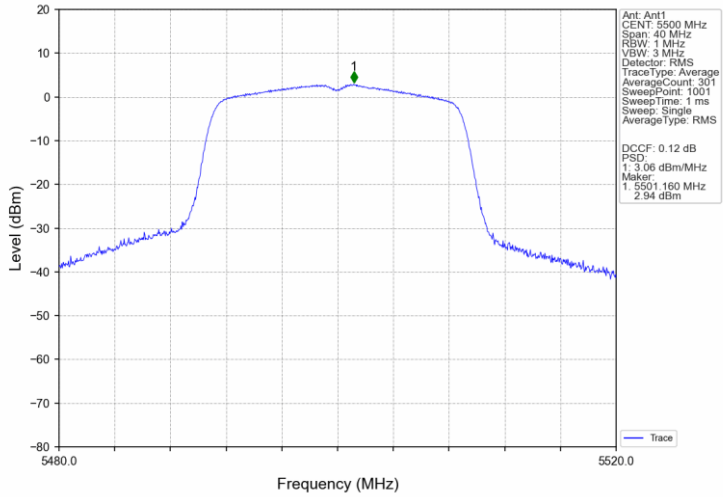
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



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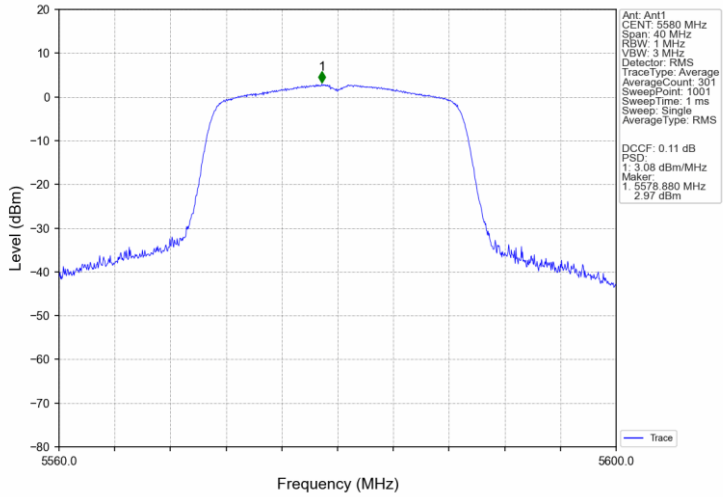
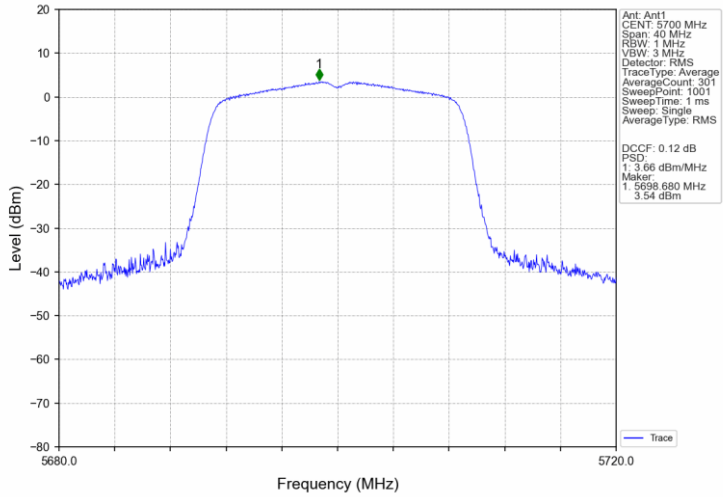
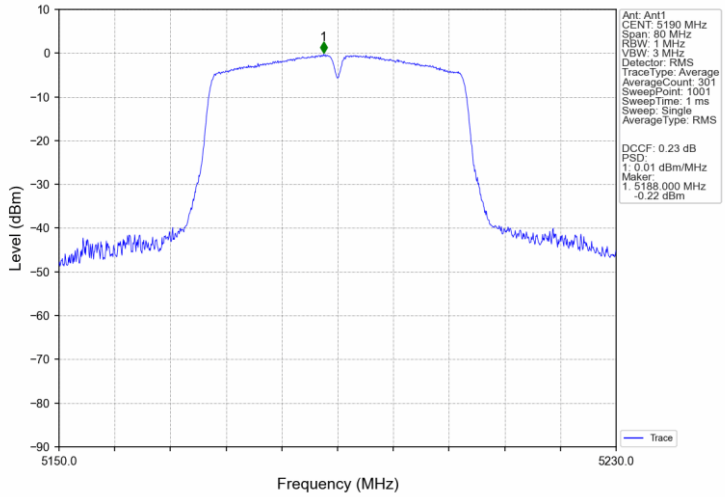


802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



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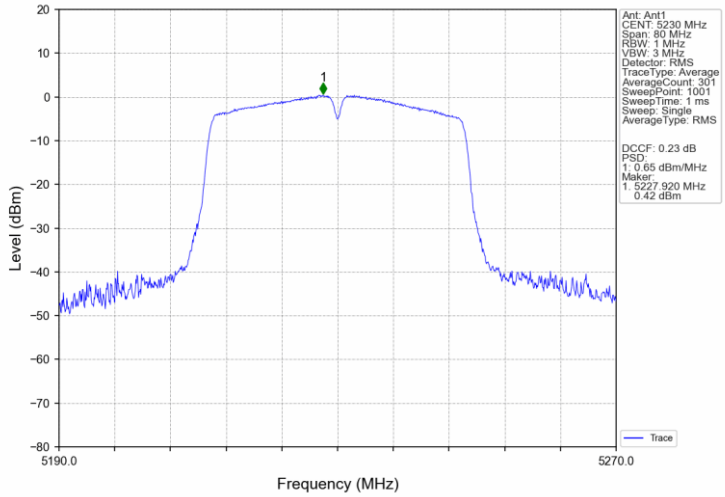

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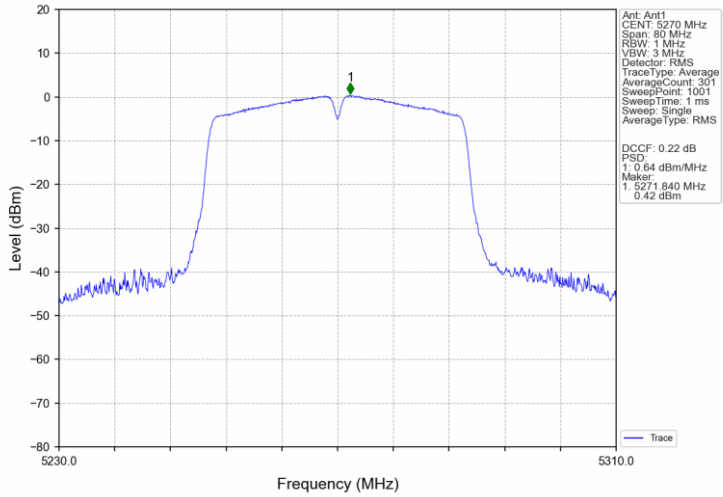
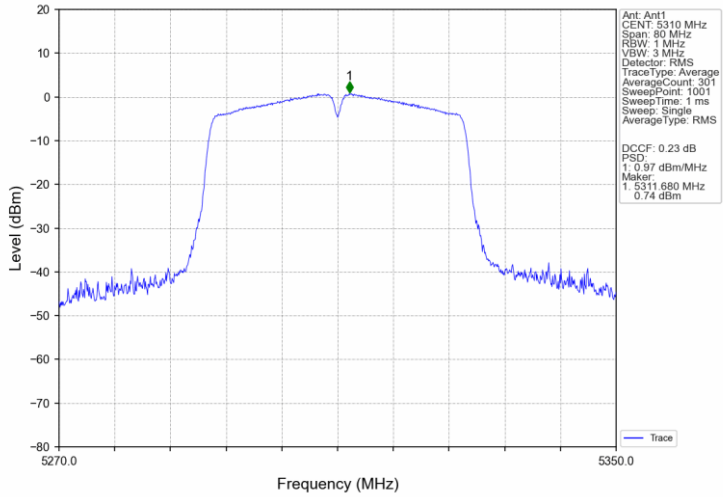
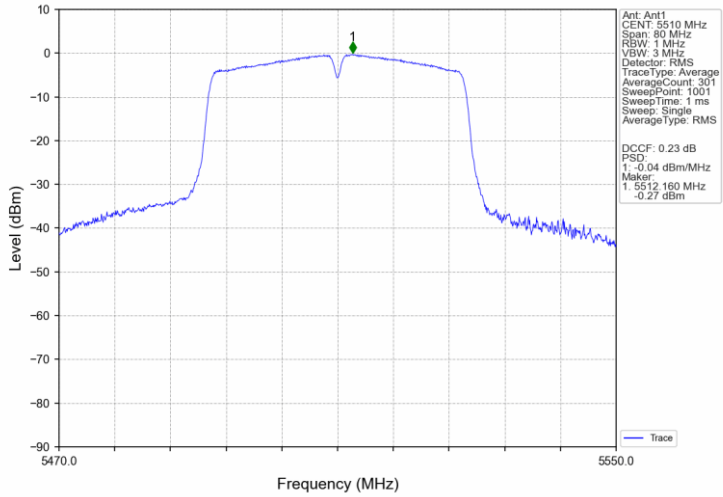


802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



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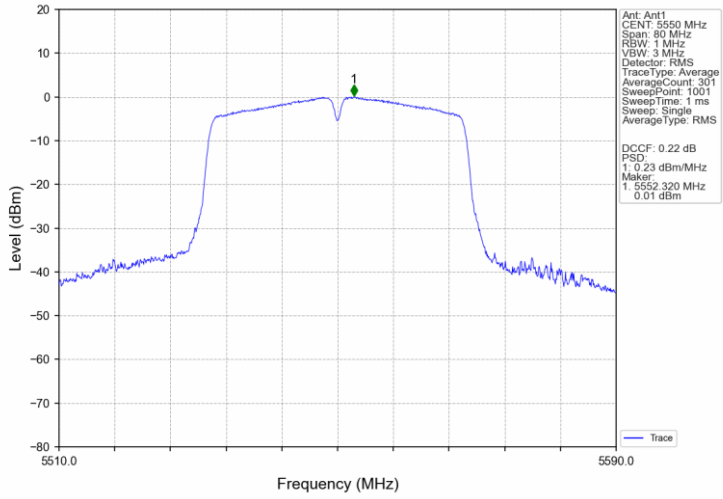
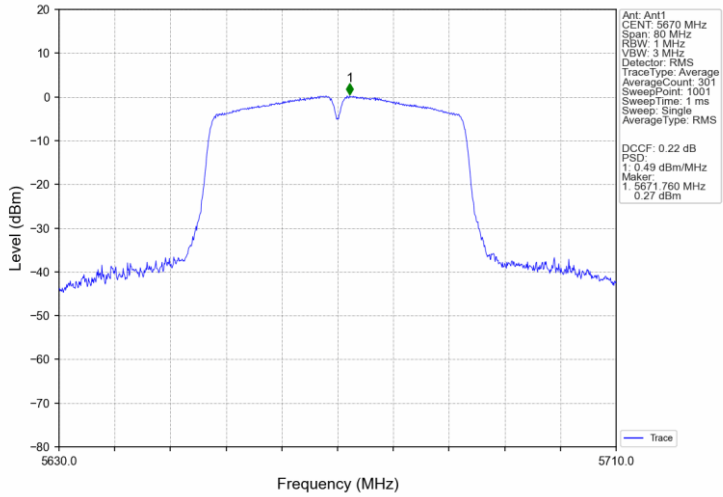
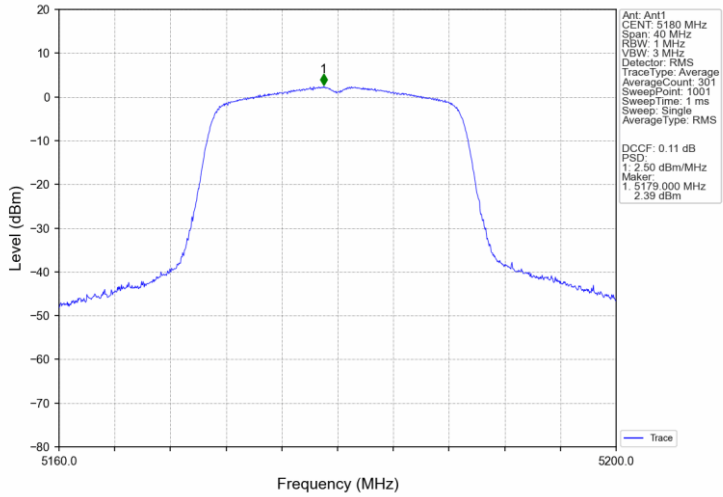


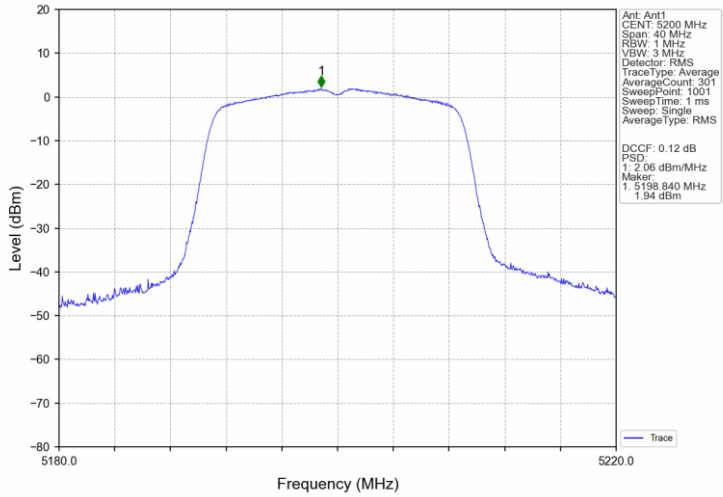
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



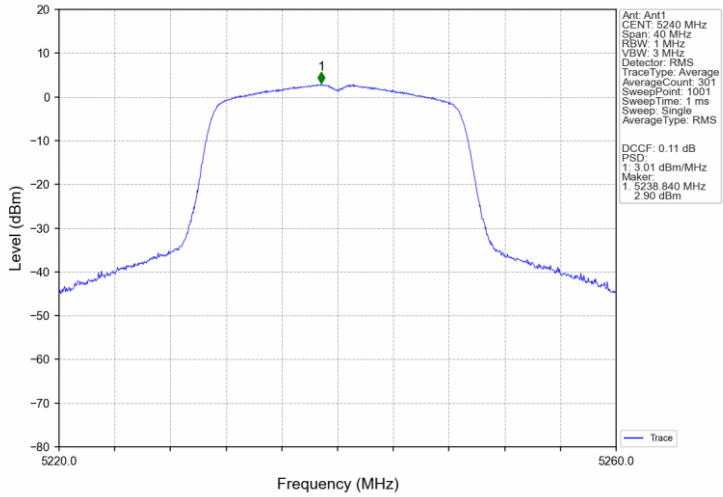
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



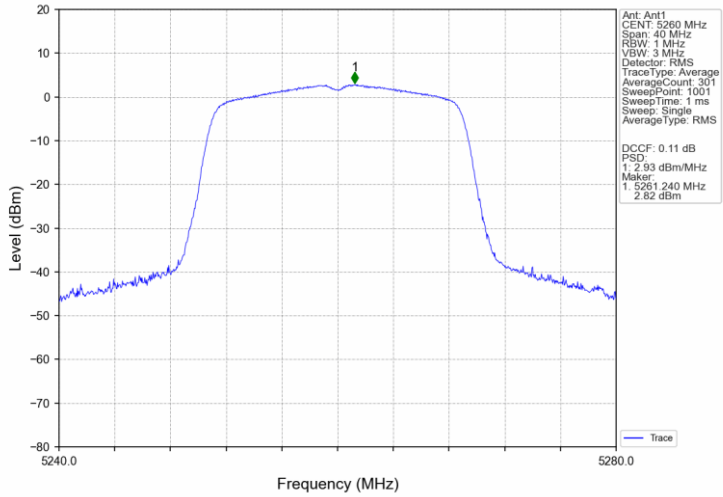
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



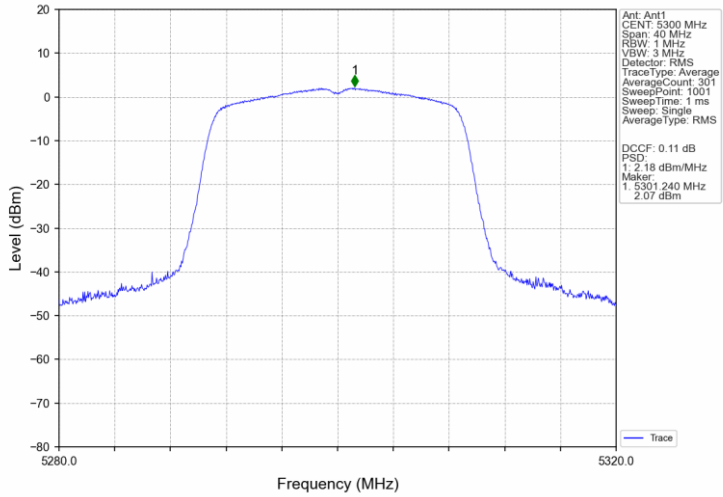
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



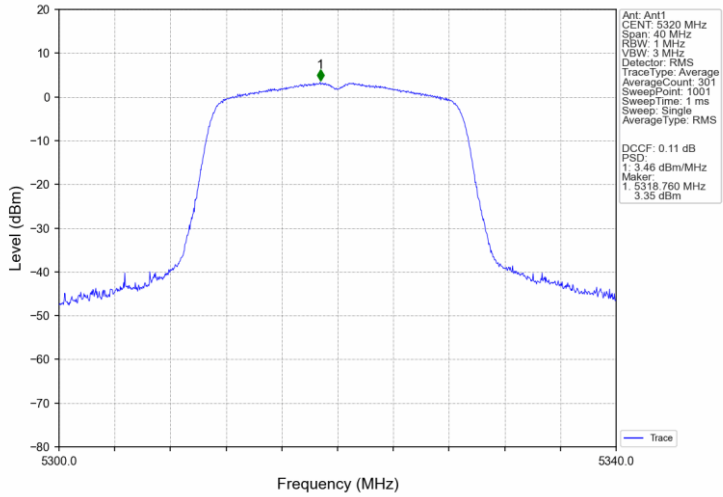
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



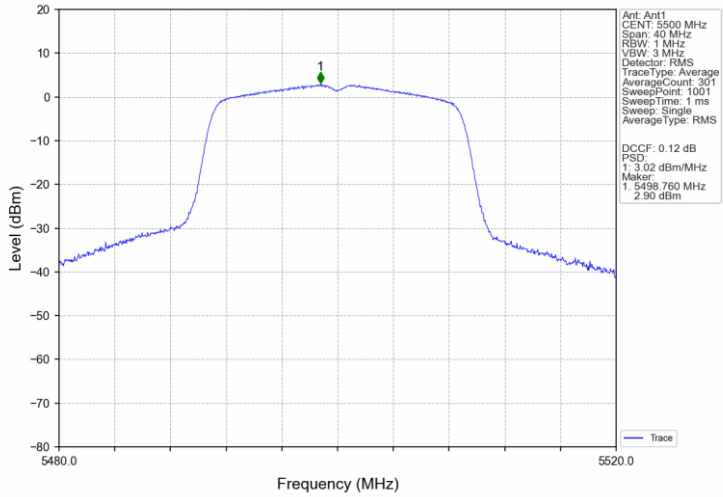
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



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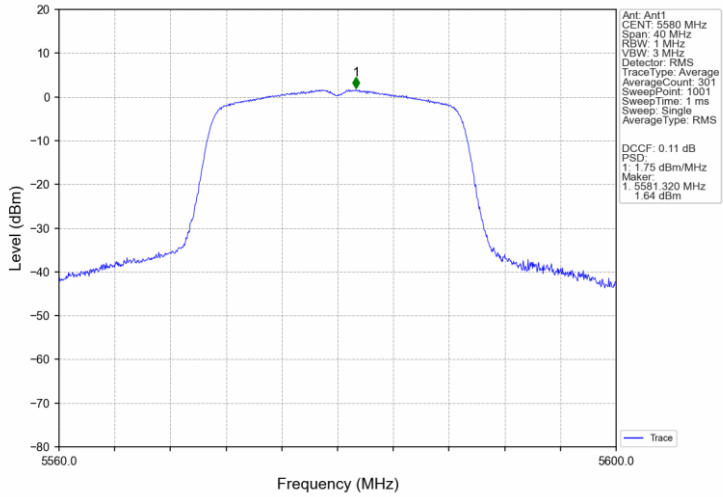
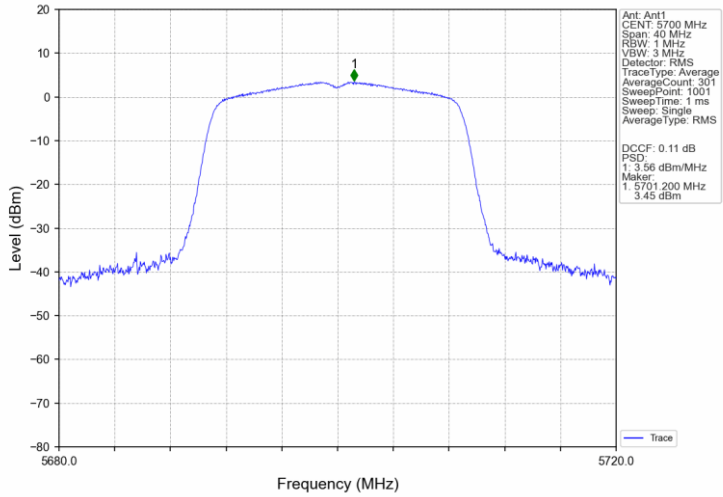
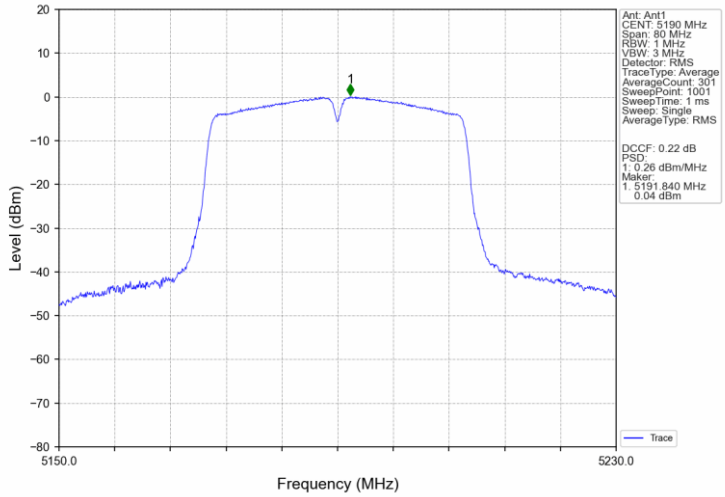


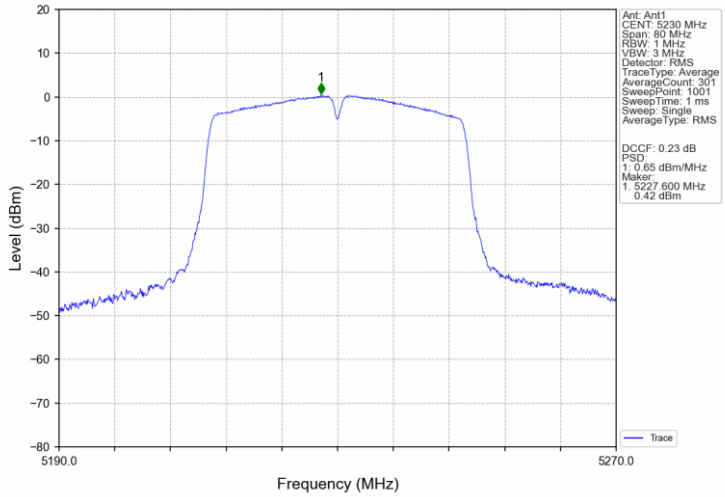
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



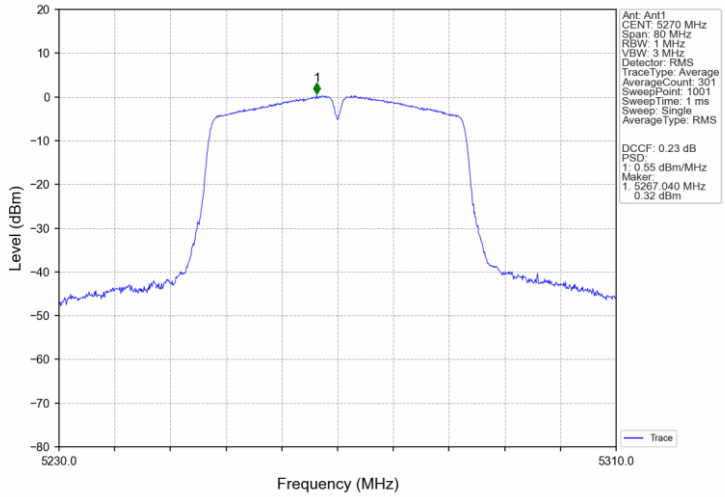
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



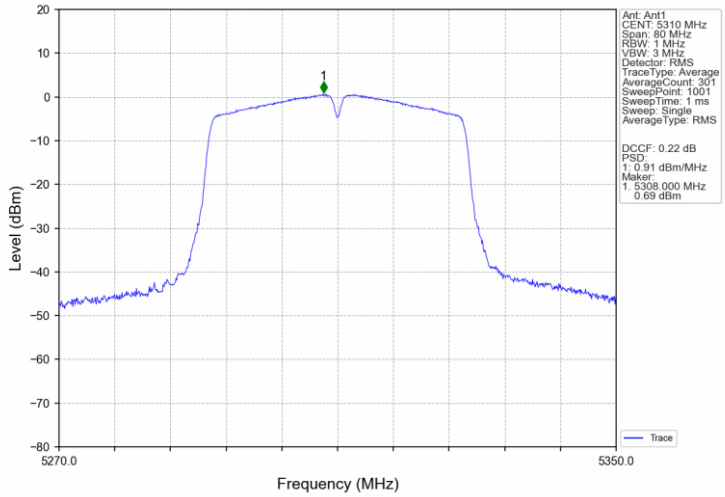
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



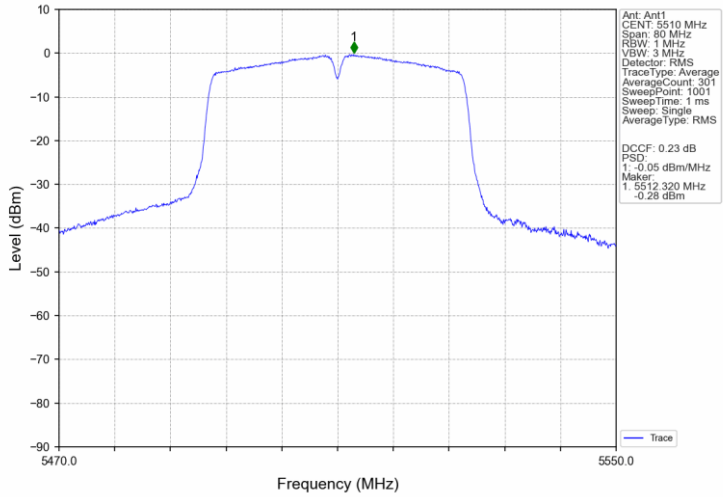
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



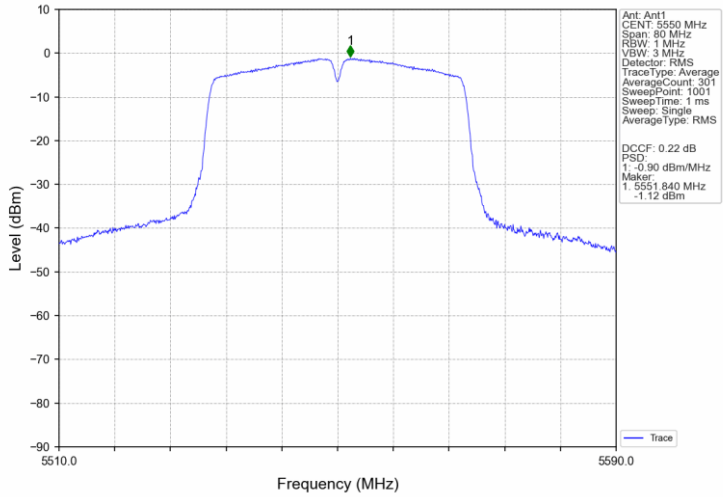
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



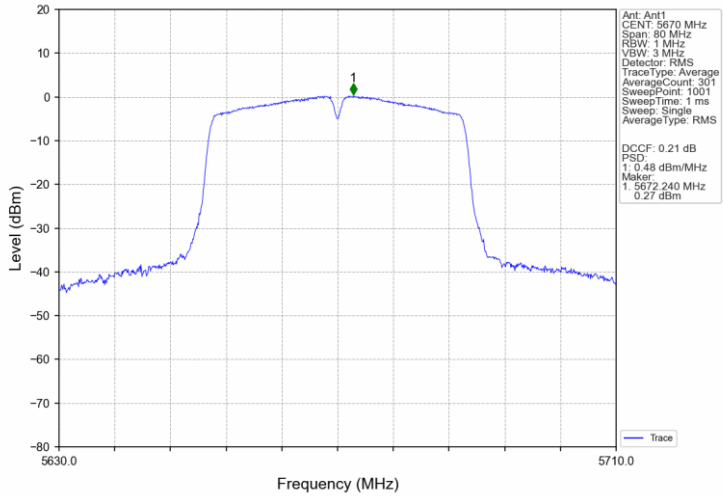
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



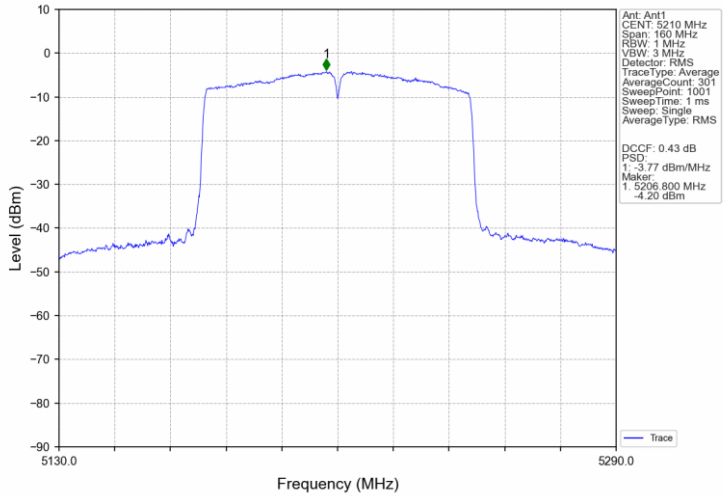
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



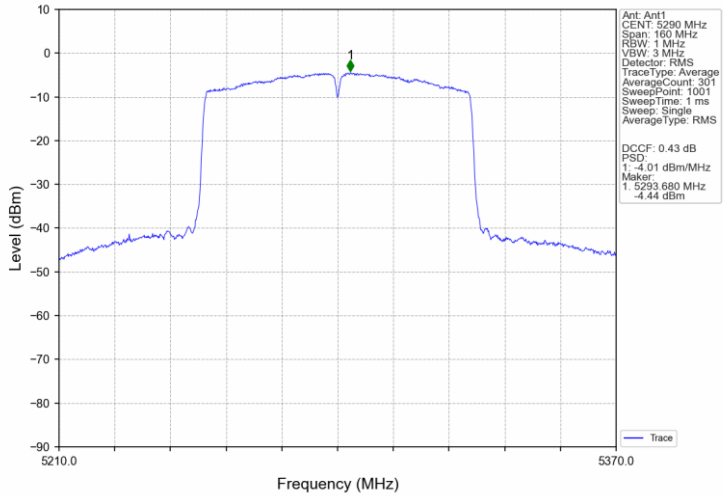
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



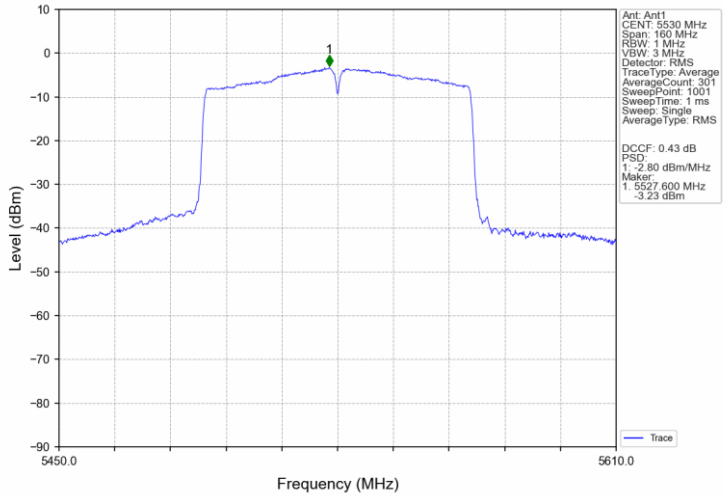
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



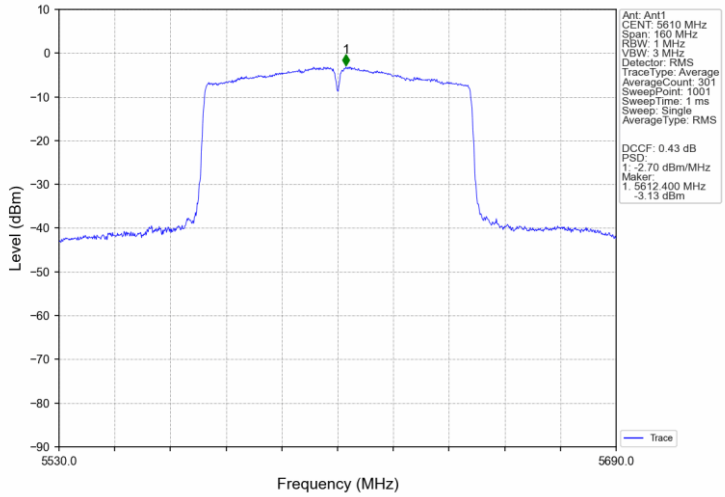
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

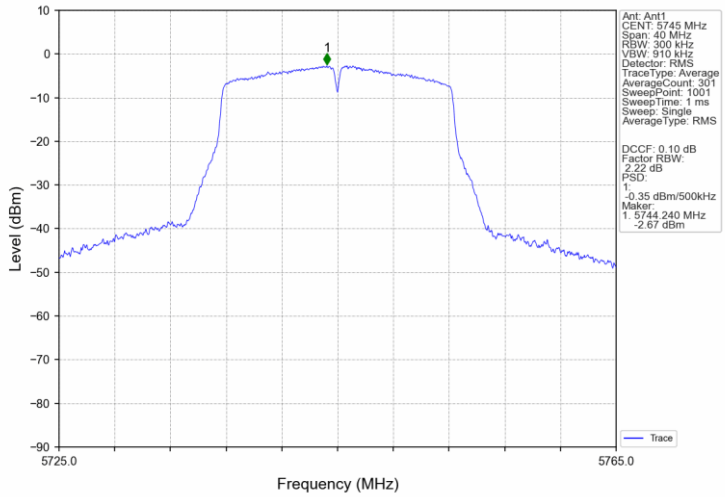


802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV

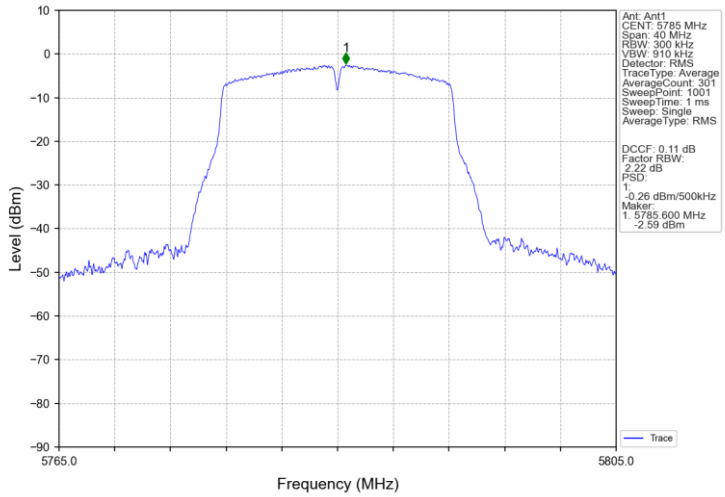


4.2.2 PSD-Band3

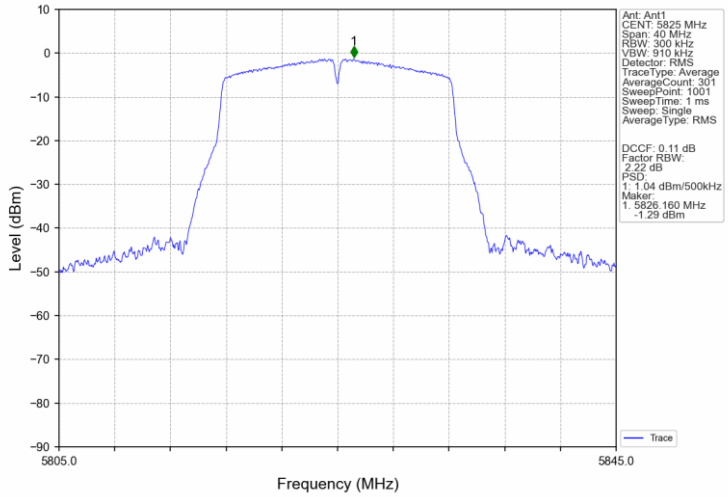
802.11a_LCH_5745MHz_Ant1_NTNV



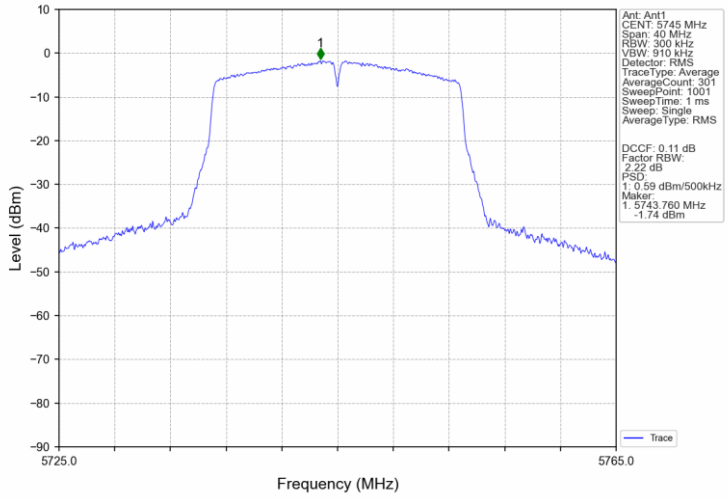
802.11a_MCH_5785MHz_Ant1_NTNV



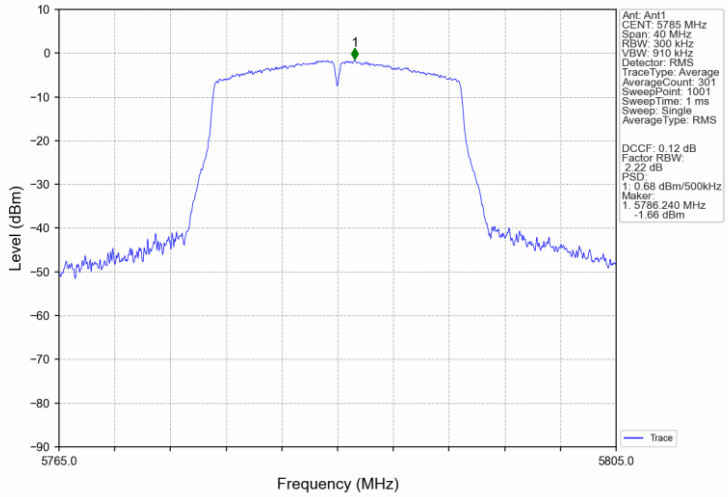
802.11a_HCH_5825MHz_Ant1_NTNV



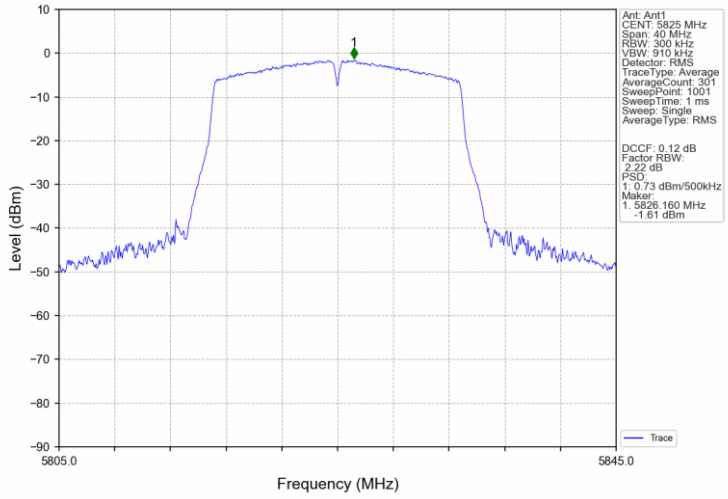
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



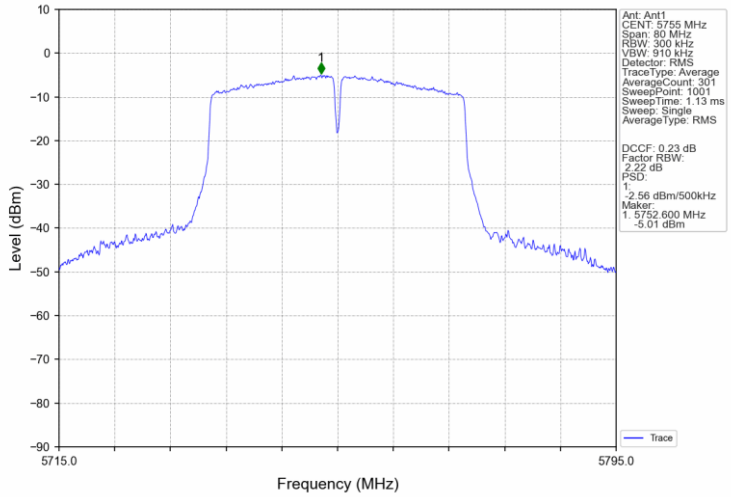
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



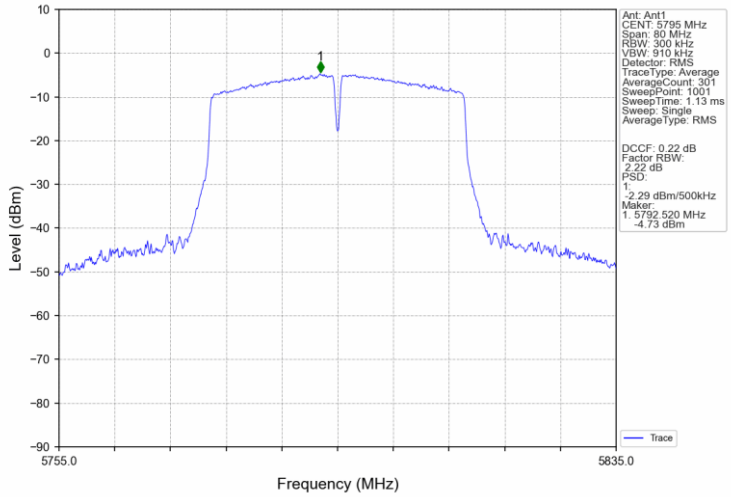
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



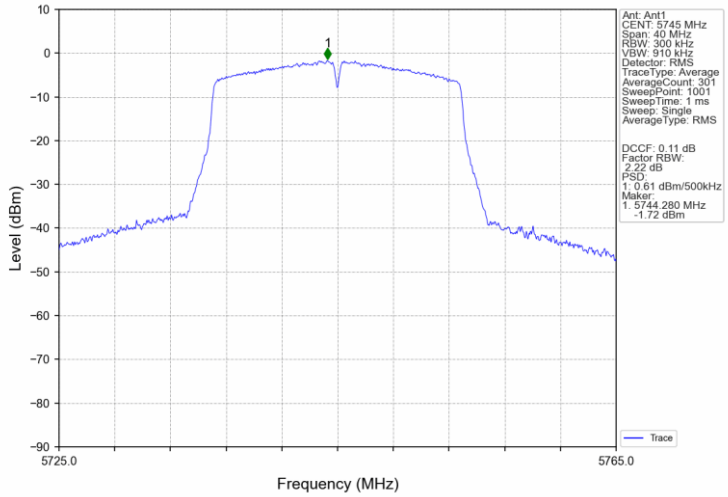
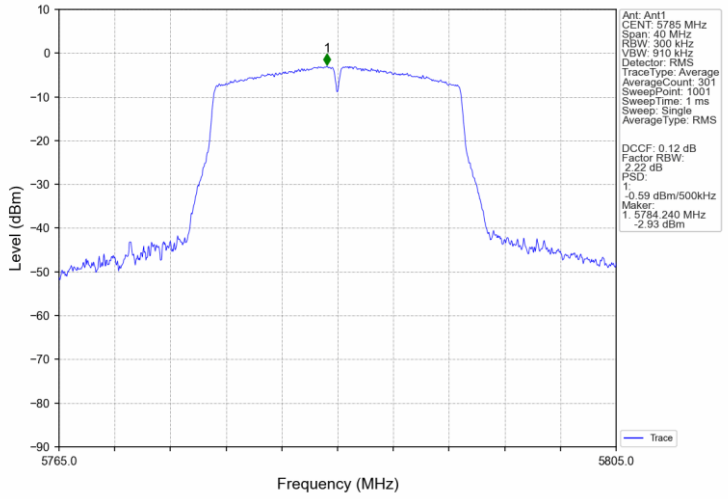
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV