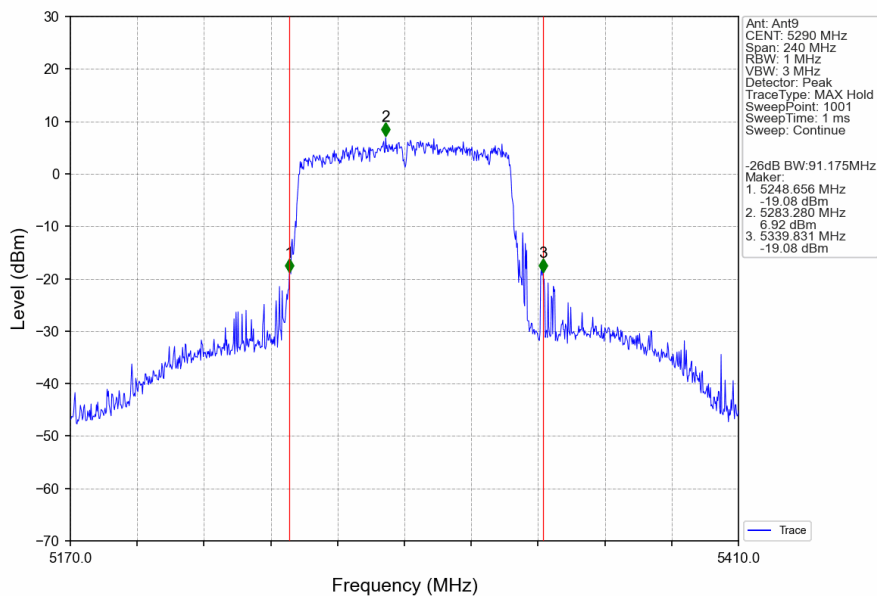
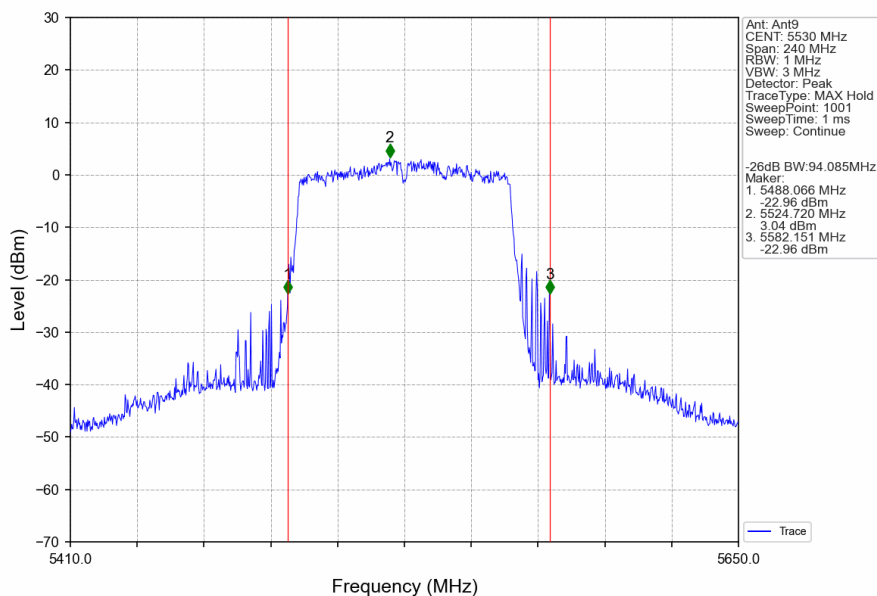


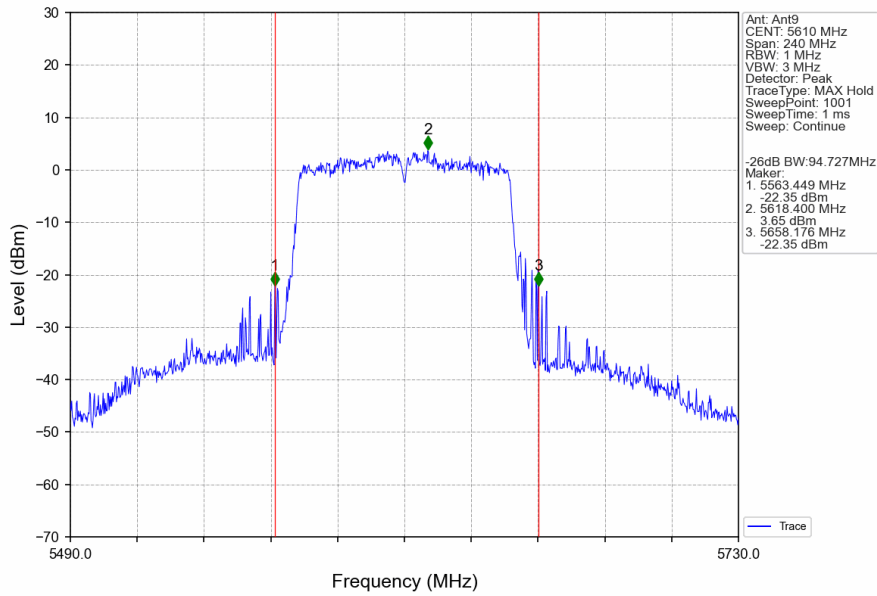
802.11ac(VHT80)_MCH_5290MHz_Ant9_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant9_NTNV

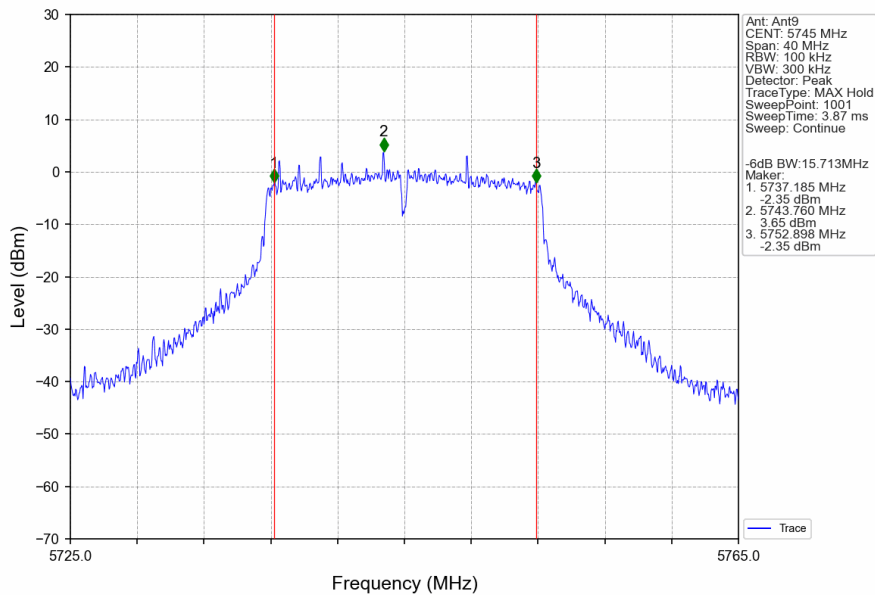


802.11ac(VHT80)_HCH_5610MHz_Ant9_NTNV

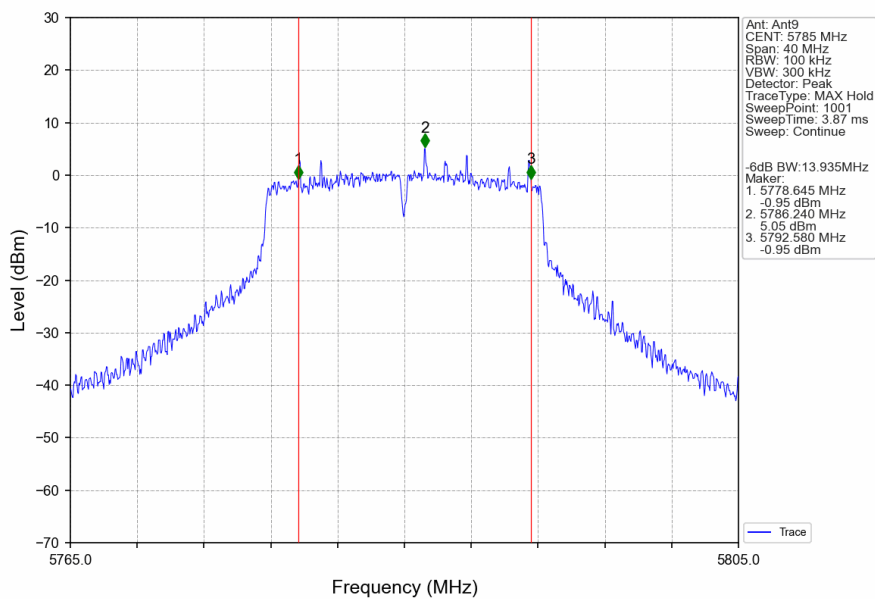


2.2.3 6dB BW

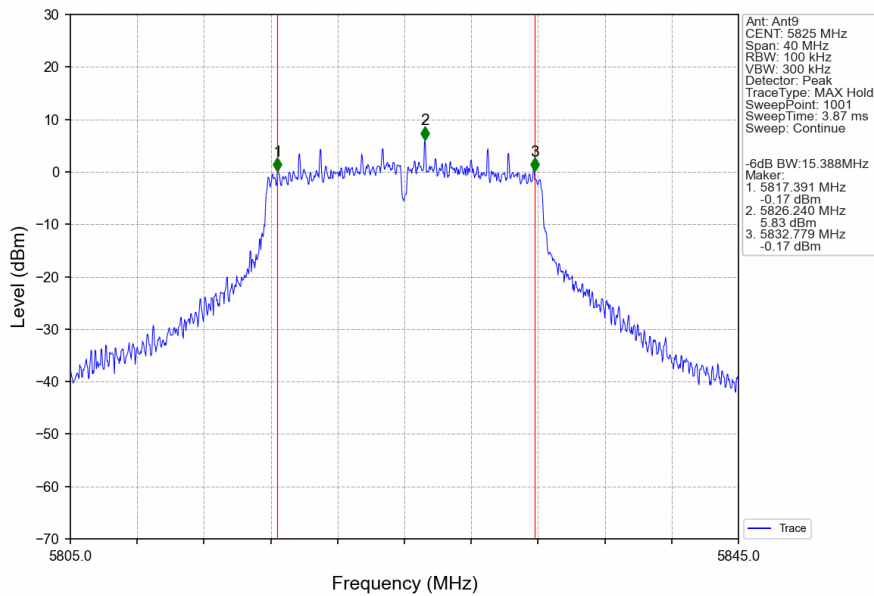
802.11a_LCH_5745MHz_Ant9_NTNV



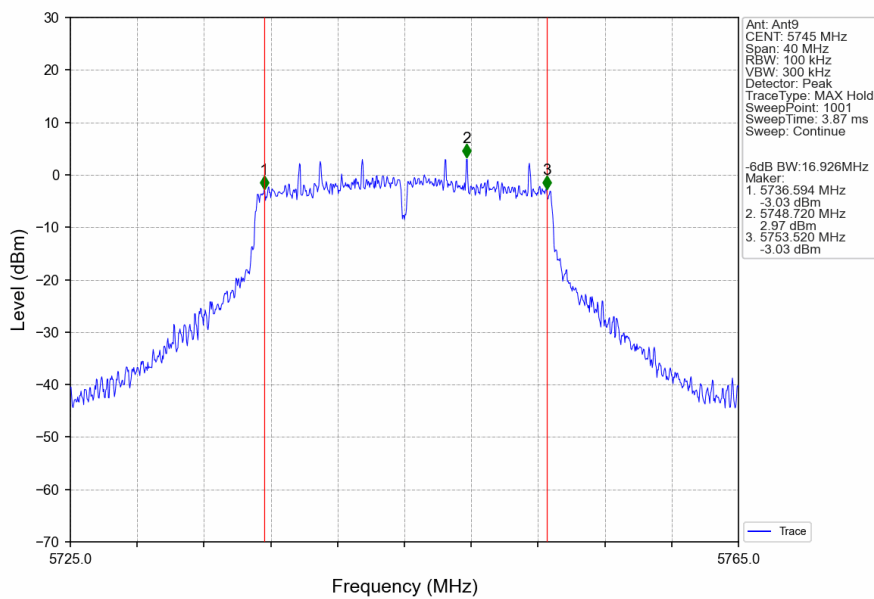
802.11a_MCH_5785MHz_Ant9_NTNV



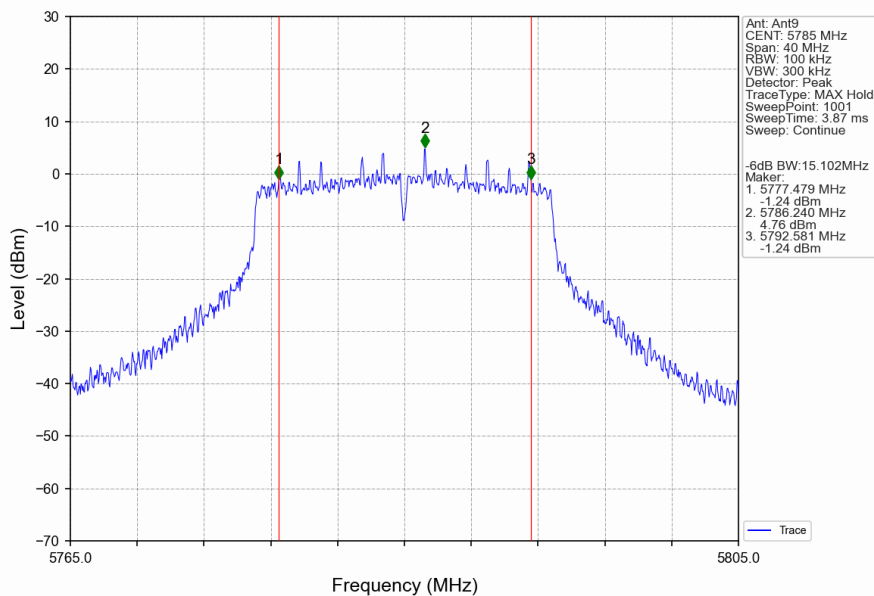
802.11a_HCH_5825MHz_Ant9_NTNV



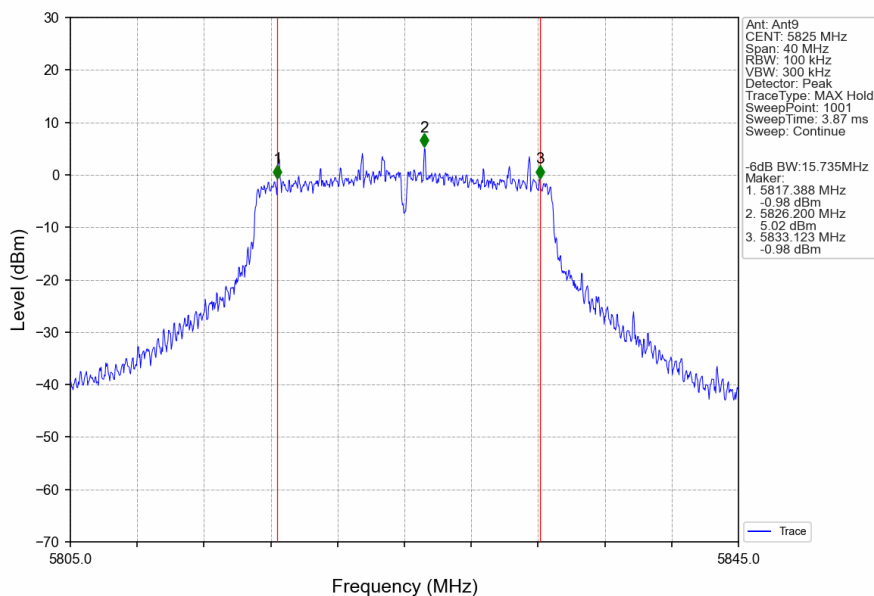
802.11n(HT20)_LCH_5745MHz_Ant9_NTNV



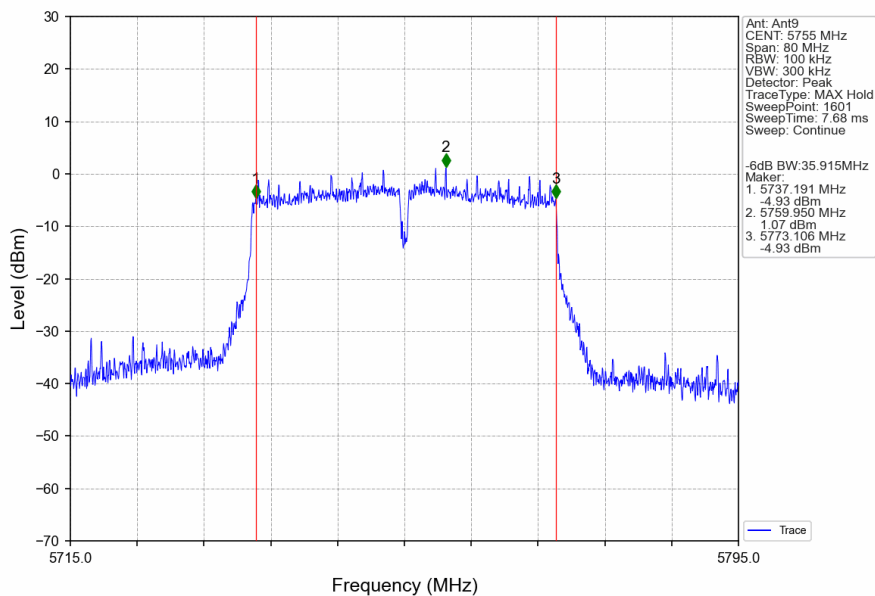
802.11n(HT20)_MCH_5785MHz_Ant9_NTNV



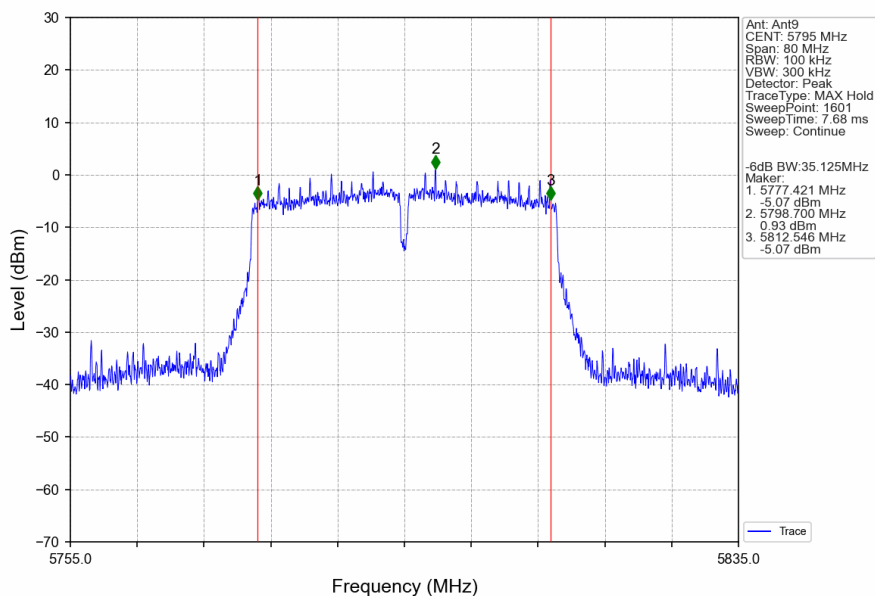
802.11n(HT20)_HCH_5825MHz_Ant9_NTNV



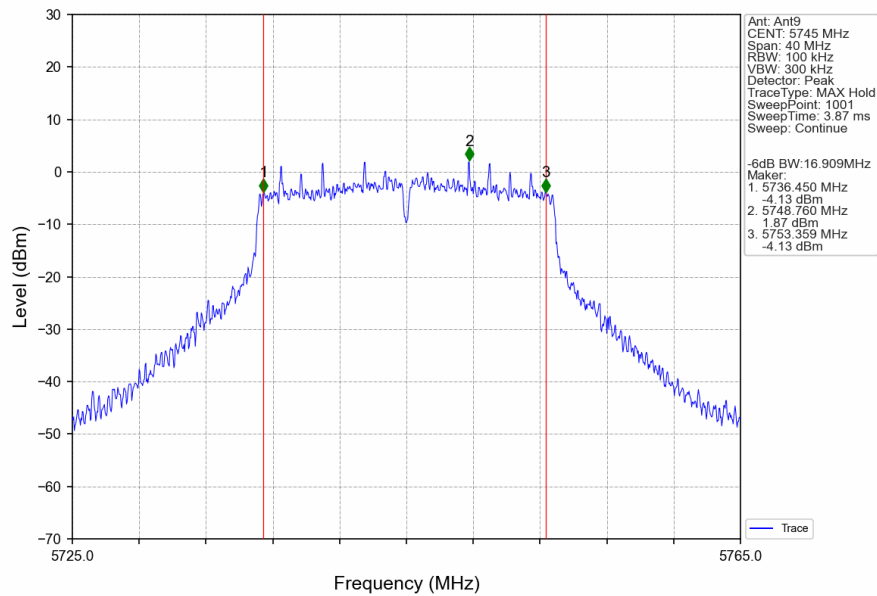
802.11n(HT40)_LCH_5755MHz_Ant9_NTNV



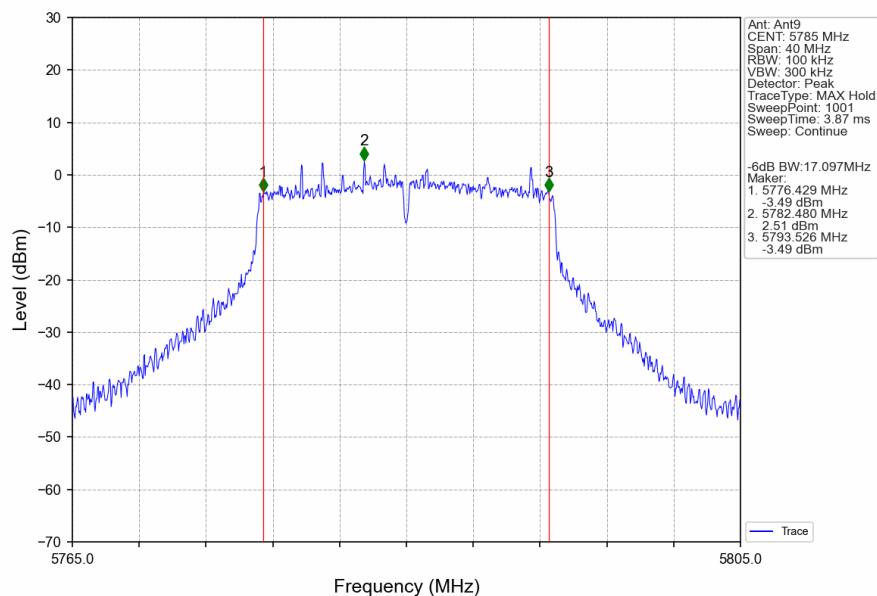
802.11n(HT40)_HCH_5795MHz_Ant9_NTNV



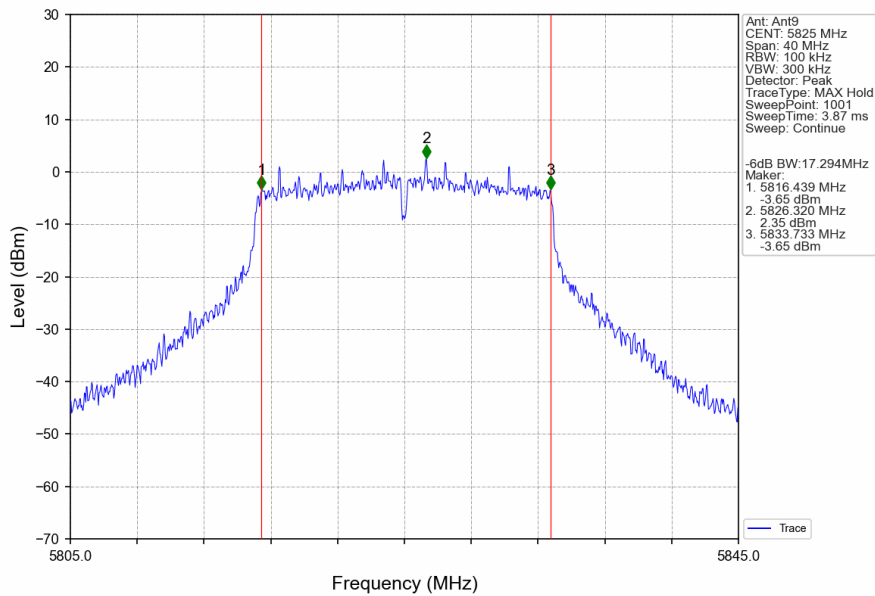
802.11ac(VHT20)_LCH_5745MHz_Ant9_NTNV



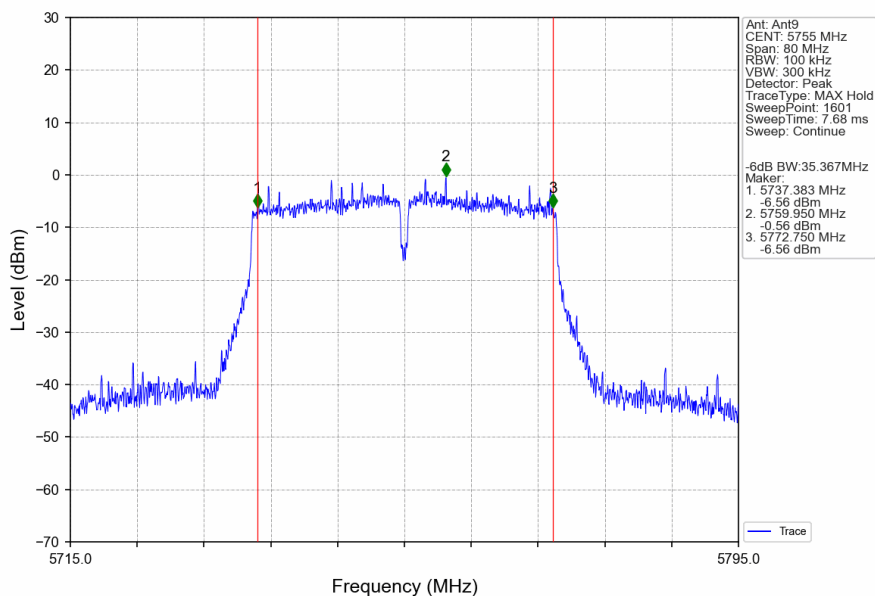
802.11ac(VHT20)_MCH_5785MHz_Ant9_NTNV



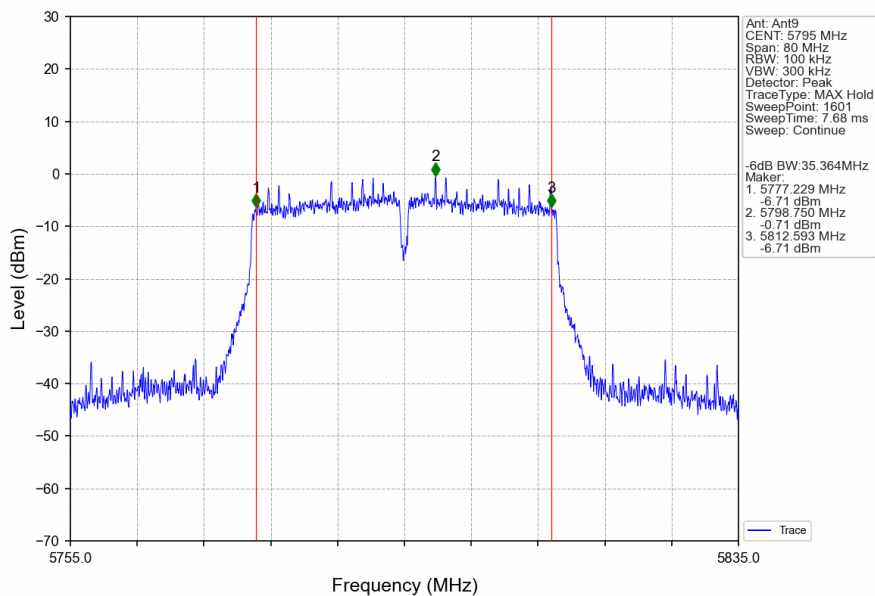
802.11ac(VHT20)_HCH_5825MHz_Ant9_NTNV



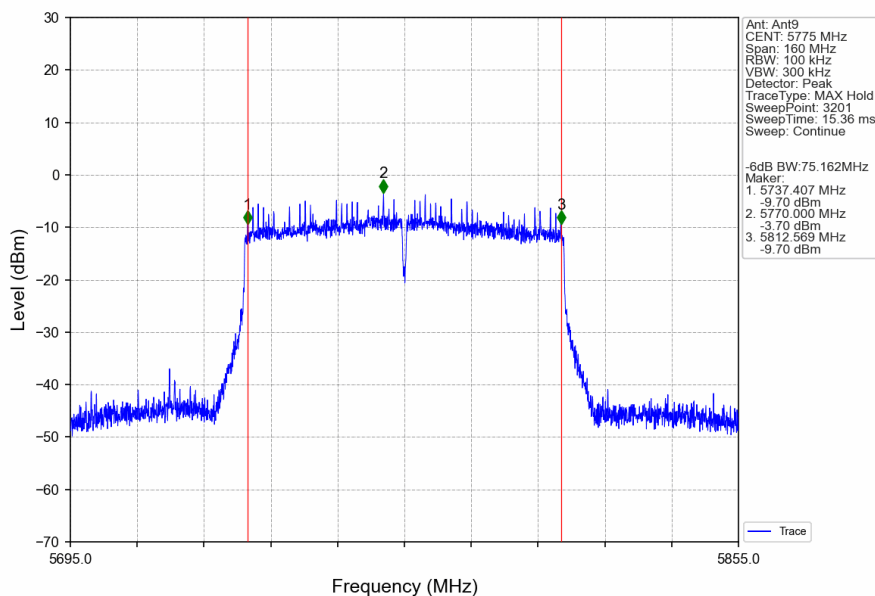
802.11ac(VHT40)_LCH_5755MHz_Ant9_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant9_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant9_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT9	Limit	
802.11a	SISO	5180	14.71	<=23.98	Pass
		5200	14.57	<=23.98	Pass
		5240	14.60	<=23.98	Pass
		5260	14.65	<=23.98	Pass
		5300	15.09	<=23.98	Pass
		5320	15.17	<=23.98	Pass
		5500	15.18	<=23.98	Pass
		5580	14.59	<=23.98	Pass
		5700	14.87	<=23.98	Pass
		5745	15.26	<=30	Pass
		5785	14.14	<=30	Pass
		5825	15.13	<=30	Pass
802.11n (HT20)	SISO	5180	14.71	<=23.98	Pass
		5200	14.24	<=23.98	Pass
		5240	13.82	<=23.98	Pass
		5260	13.36	<=23.98	Pass
		5300	13.82	<=23.98	Pass
		5320	13.98	<=23.98	Pass
		5500	14.16	<=23.98	Pass
		5580	14.61	<=23.98	Pass
		5700	13.60	<=23.98	Pass
		5745	13.13	<=30	Pass
		5785	13.52	<=30	Pass
		5825	14.28	<=30	Pass
802.11n (HT40)	SISO	5190	13.41	<=23.98	Pass
		5230	14.66	<=23.98	Pass
		5270	14.86	<=23.98	Pass
		5310	12.02	<=23.98	Pass
		5510	14.58	<=23.98	Pass
		5550	14.73	<=23.98	Pass
		5670	13.25	<=23.98	Pass
		5755	14.57	<=30	Pass
		5795	14.11	<=30	Pass

802.11ac (VHT20)	SISO	5180	12.38	≤ 23.98	Pass
		5200	11.80	≤ 23.98	Pass
		5240	12.16	≤ 23.98	Pass
		5260	12.29	≤ 23.98	Pass
		5300	12.87	≤ 23.98	Pass
		5320	12.83	≤ 23.98	Pass
		5500	11.76	≤ 23.98	Pass
		5580	12.17	≤ 23.98	Pass
		5700	11.60	≤ 23.98	Pass
		5745	12.07	≤ 30	Pass
		5785	12.77	≤ 30	Pass
		5825	12.52	≤ 30	Pass
802.11ac (VHT40)	SISO	5190	12.80	≤ 23.98	Pass
		5230	12.96	≤ 23.98	Pass
		5270	11.88	≤ 23.98	Pass
		5310	11.23	≤ 23.98	Pass
		5510	12.67	≤ 23.98	Pass
		5550	12.74	≤ 23.98	Pass
		5670	12.84	≤ 23.98	Pass
		5755	12.89	≤ 30	Pass
		5795	12.67	≤ 30	Pass
802.11ac (VHT80)	SISO	5210	12.50	≤ 23.98	Pass
		5290	12.09	≤ 23.98	Pass
		5530	11.55	≤ 23.98	Pass
		5610	12.24	≤ 23.98	Pass
		5775	11.78	≤ 30	Pass

Note1: Antenna Gain:
- Band: 2A Ant9: 0.03dBi;
- Band: 2C Ant9: 1.13dBi;
- Band: 1+2A Ant9: 0.03dBi;
- Band: 2C+3 Ant9: 1.20dBi;
- Band: 1 Ant9: -0.19dBi;
- Band: 3 Ant9: 1.20dBi;

4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT9	Limit	
802.11a	SISO	5180	4.23	≤ 11	Pass
		5200	4.06	≤ 11	Pass
		5240	4.08	≤ 11	Pass

		5260	4.18	<=11	Pass
		5300	4.65	<=11	Pass
		5320	4.55	<=11	Pass
		5500	4.59	<=11	Pass
		5580	3.95	<=11	Pass
		5700	4.41	<=11	Pass
802.11n (HT20)	SISO	5180	3.86	<=11	Pass
		5200	3.50	<=11	Pass
		5240	3.02	<=11	Pass
		5260	2.53	<=11	Pass
		5300	2.99	<=11	Pass
		5320	3.24	<=11	Pass
		5500	3.33	<=11	Pass
		5580	3.84	<=11	Pass
		5700	2.68	<=11	Pass
802.11n (HT40)	SISO	5190	-0.35	<=11	Pass
		5230	1.02	<=11	Pass
		5270	1.04	<=11	Pass
		5310	-1.82	<=11	Pass
		5510	0.83	<=11	Pass
		5550	0.97	<=11	Pass
		5670	-0.61	<=11	Pass
802.11ac (VHT20)	SISO	5180	1.59	<=11	Pass
		5200	1.08	<=11	Pass
		5240	1.36	<=11	Pass
		5260	1.43	<=11	Pass
		5300	2.08	<=11	Pass
		5320	1.98	<=11	Pass
		5500	1.10	<=11	Pass
		5580	1.36	<=11	Pass
		5700	0.82	<=11	Pass
802.11ac (VHT40)	SISO	5190	-1.05	<=11	Pass
		5230	-0.78	<=11	Pass
		5270	-1.96	<=11	Pass
		5310	-2.49	<=11	Pass
		5510	-1.11	<=11	Pass
		5550	-1.06	<=11	Pass
		5670	-0.95	<=11	Pass
802.11ac (VHT80)	SISO	5210	-4.52	<=11	Pass
		5290	-4.70	<=11	Pass
		5530	-5.20	<=11	Pass
		5610	-4.69	<=11	Pass
Note1: Antenna Gain:					

- Band: 1+2A Ant9: 0.03dBi;
- Band: 2C+3 Ant9: 1.20dBi;
- Band: 1 Ant9: -0.19dBi;
- Band: 3 Ant9: 1.20dBi;
- Band: 2A Ant9: 0.03dBi;
- Band: 2C Ant9: 1.13dBi;

4.1.2 PSD-Band3

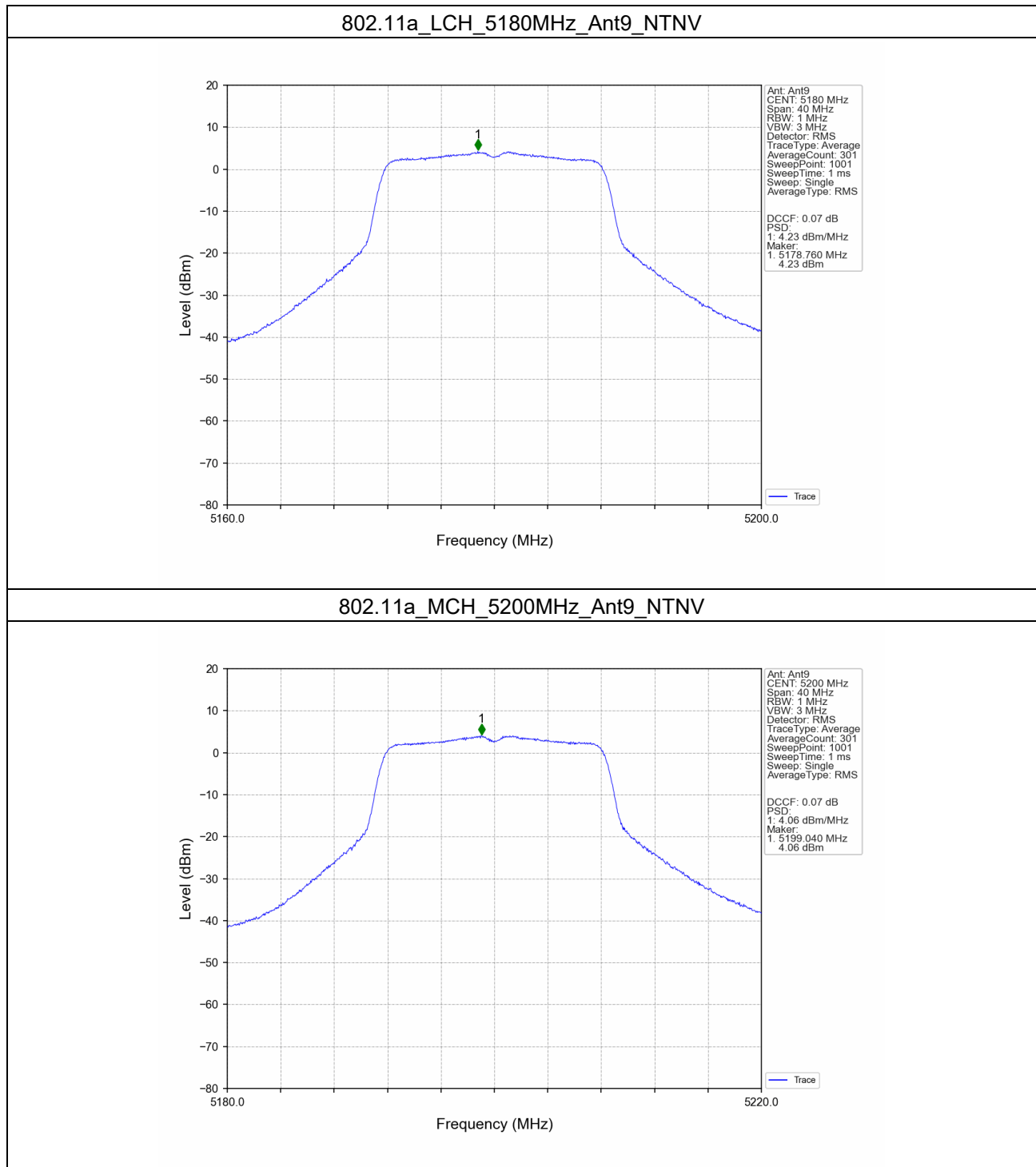
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT9	Limit	
802.11a	SISO	5745	2.16	<=30	Pass
		5785	0.78	<=30	Pass
		5825	2.01	<=30	Pass
802.11n (HT20)	SISO	5745	-0.24	<=30	Pass
		5785	0.32	<=30	Pass
		5825	0.94	<=30	Pass
802.11n (HT40)	SISO	5755	-1.85	<=30	Pass
		5795	-2.44	<=30	Pass
802.11ac (VHT20)	SISO	5745	-1.39	<=30	Pass
		5785	-0.53	<=30	Pass
		5825	-0.82	<=30	Pass
802.11ac (VHT40)	SISO	5755	-3.69	<=30	Pass
		5795	-3.68	<=30	Pass
802.11ac (VHT80)	SISO	5775	-7.80	<=30	Pass

Note1: Antenna Gain:

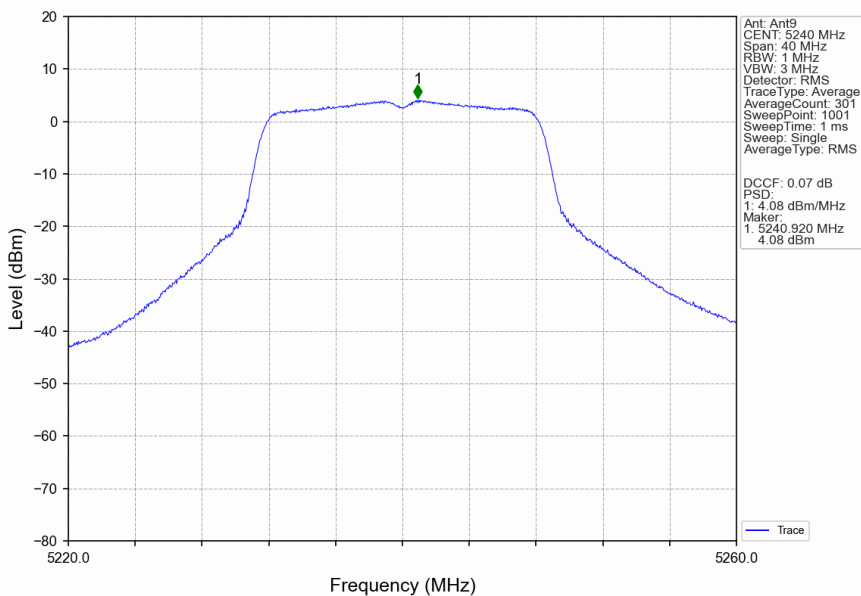
- Band: 1+2A Ant9: 0.03dBi;
- Band: 2C+3 Ant9: 1.20dBi;
- Band: 1 Ant9: -0.19dBi;
- Band: 3 Ant9: 1.20dBi;
- Band: 2A Ant9: 0.03dBi;
- Band: 2C Ant9: 1.13dBi;

4.2 Test Graph

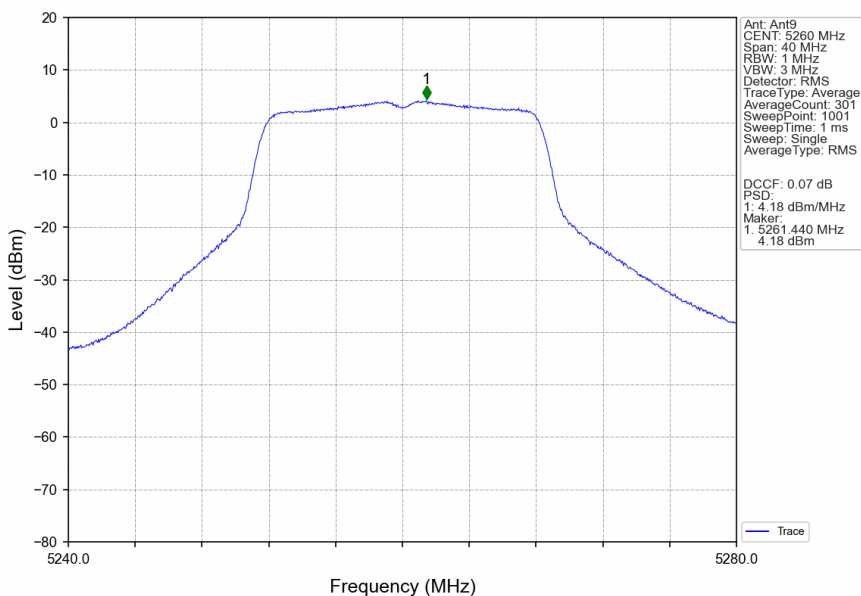
4.2.1 PSD



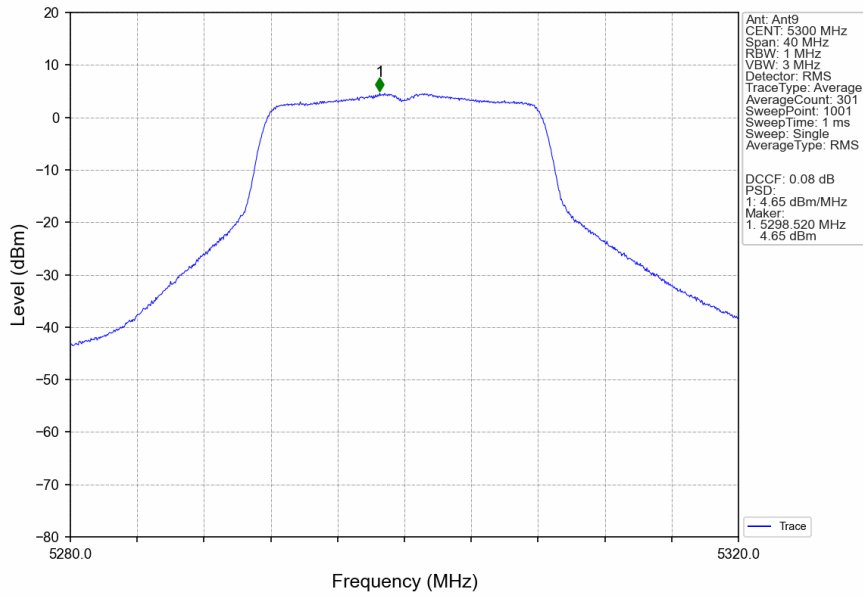
802.11a_HCH_5240MHz_Ant9_NTNV



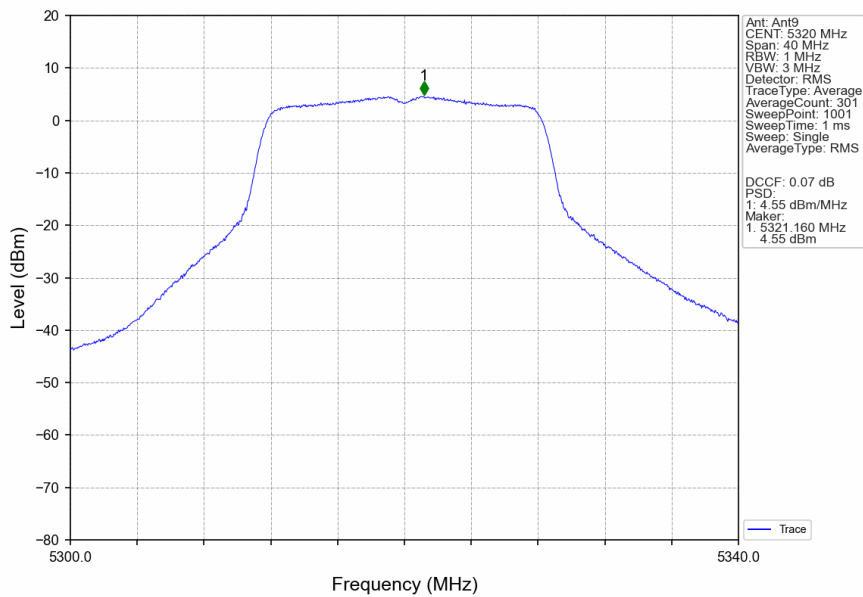
802.11a_LCH_5260MHz_Ant9_NTNV



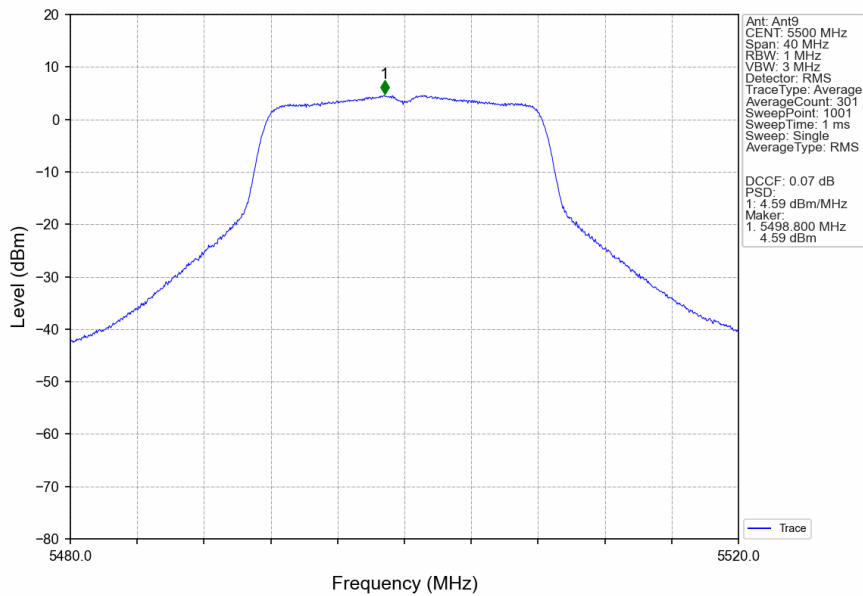
802.11a_MCH_5300MHz_Ant9_NTNV



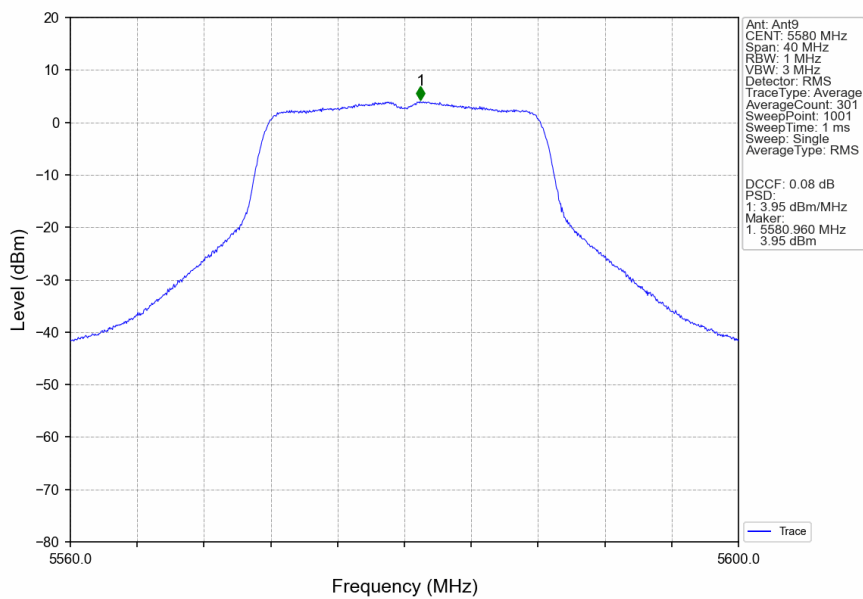
802.11a_HCH_5320MHz_Ant9_NTNV



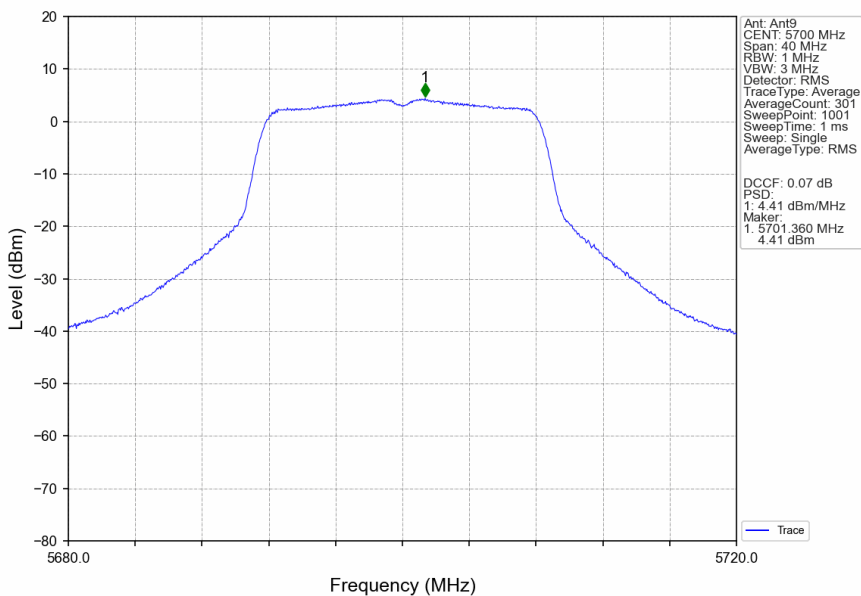
802.11a_LCH_5500MHz_Ant9_NTNV



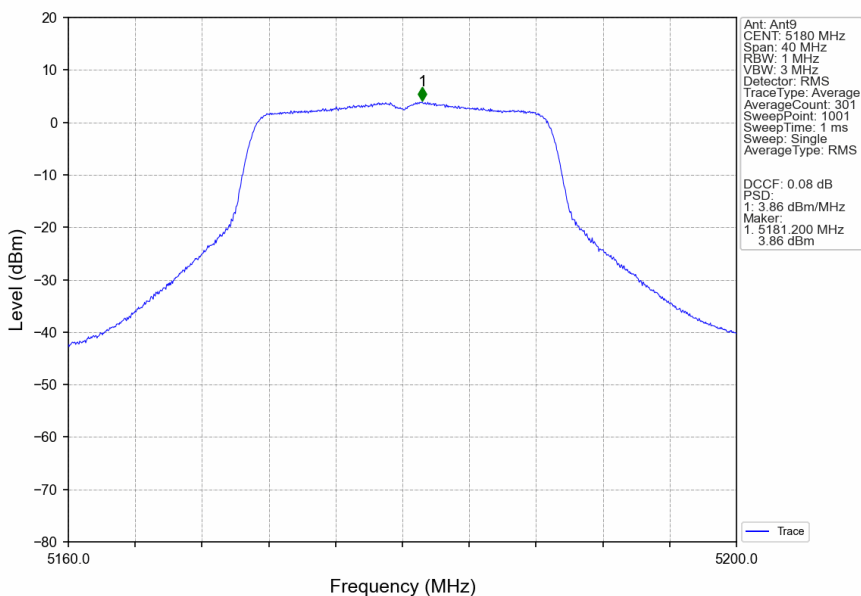
802.11a_MCH_5580MHz_Ant9_NTNV



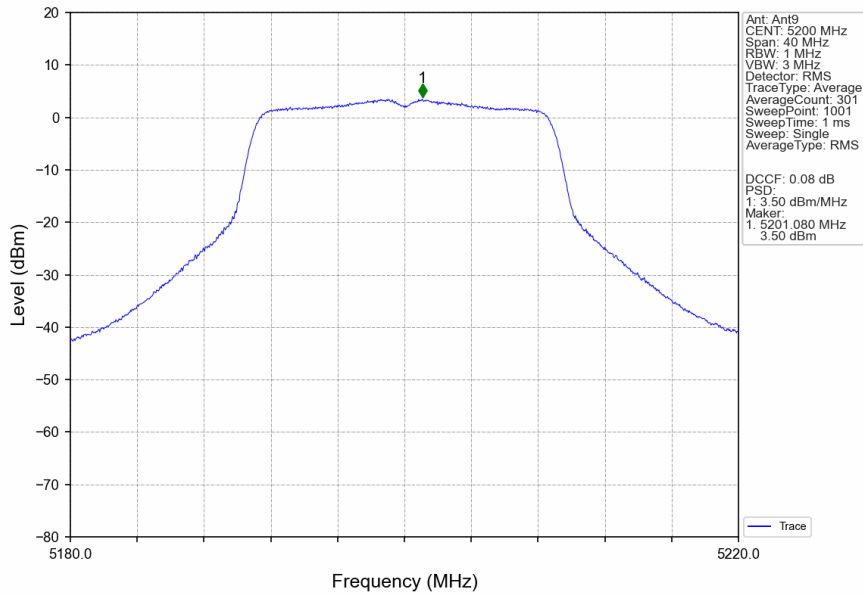
802.11a_HCH_5700MHz_Ant9_NTNV



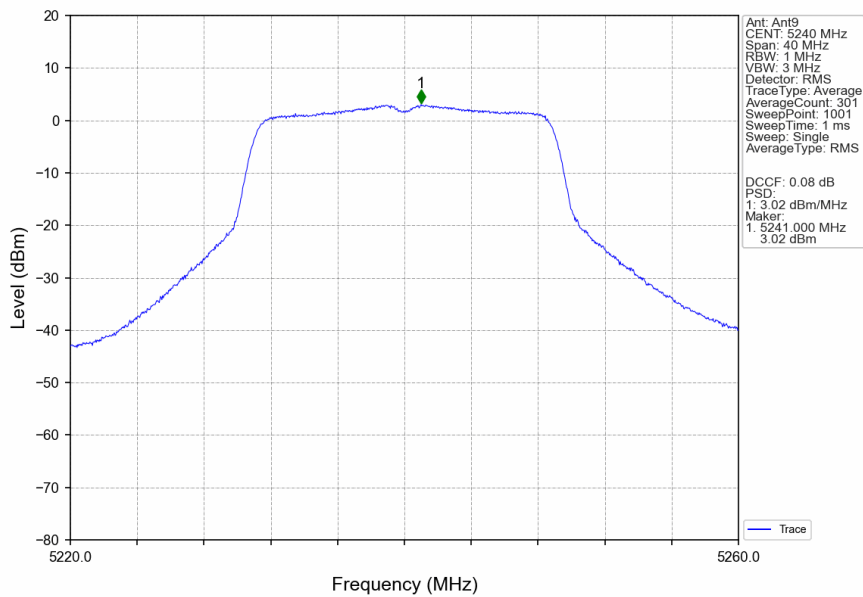
802.11n(HT20)_LCH_5180MHz_Ant9_NTNV



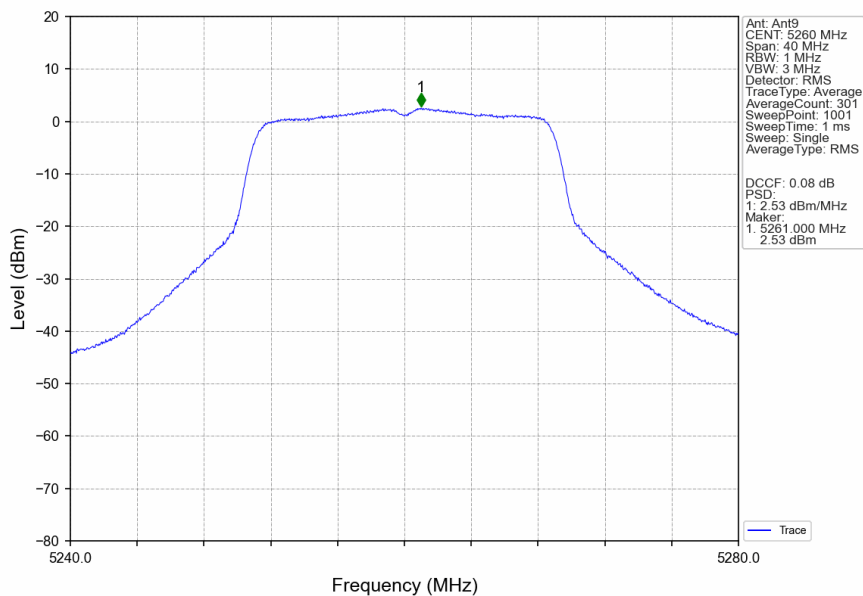
802.11n(HT20)_MCH_5200MHz_Ant9_NTNV



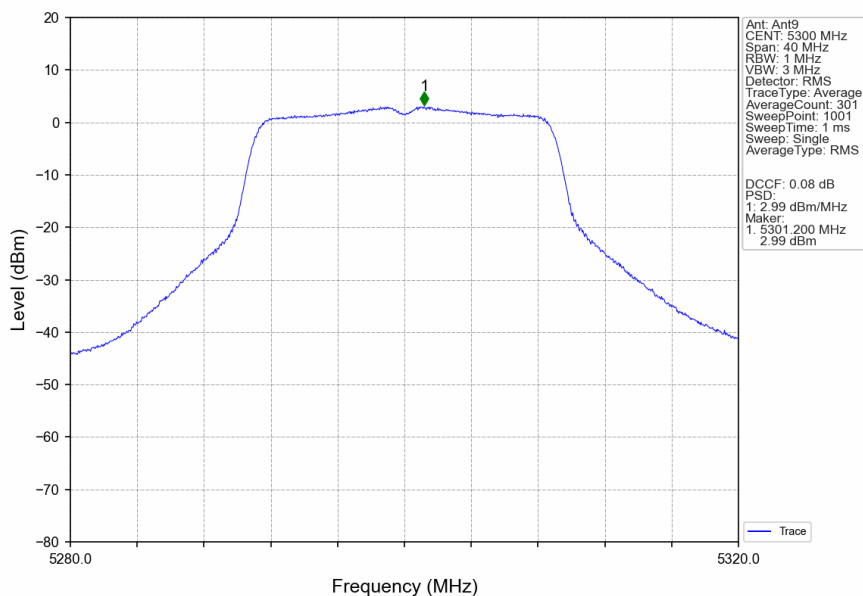
802.11n(HT20)_HCH_5240MHz_Ant9_NTNV



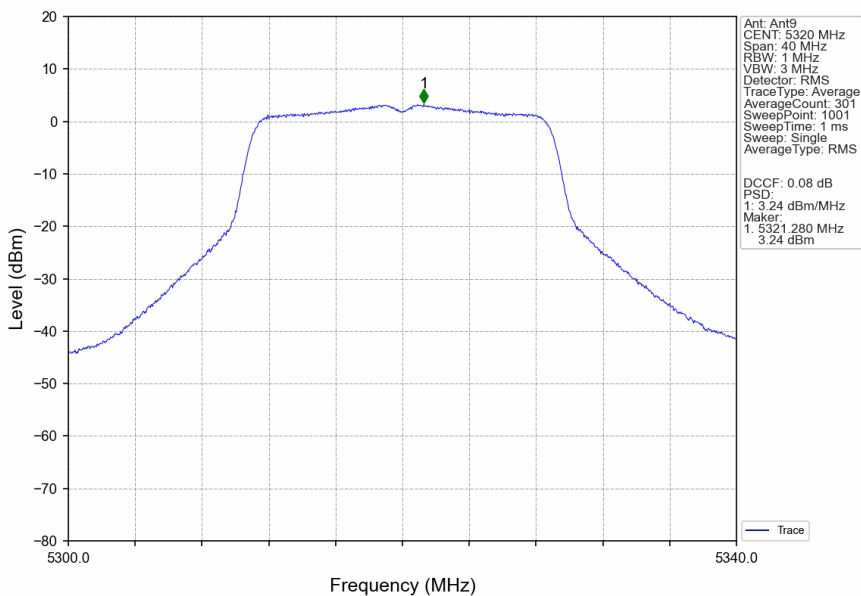
802.11n(HT20)_LCH_5260MHz_Ant9_NTNV



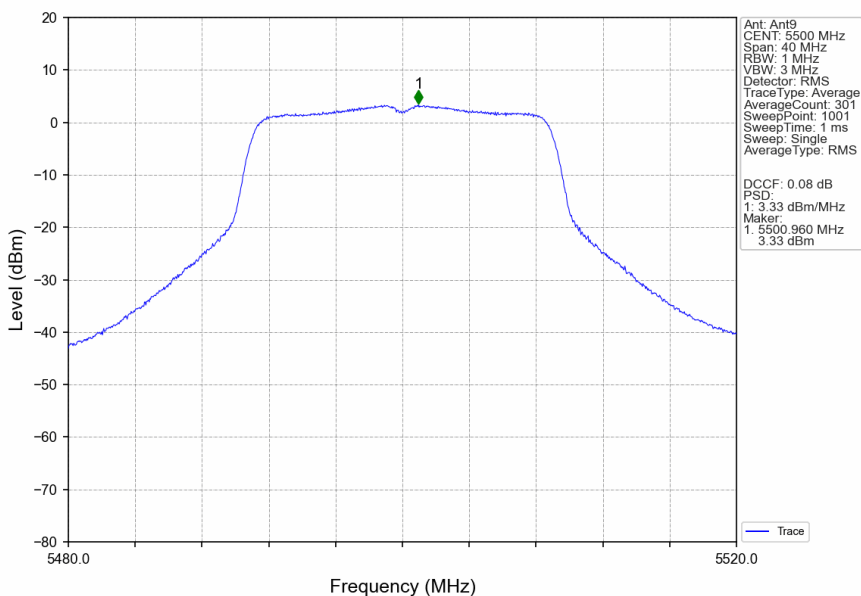
802.11n(HT20)_MCH_5300MHz_Ant9_NTNV



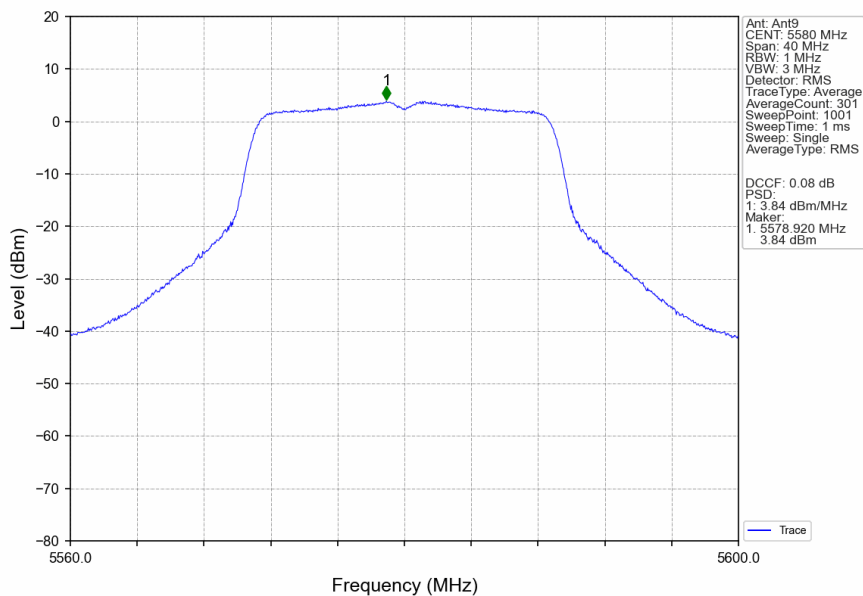
802.11n(HT20)_HCH_5320MHz_Ant9_NTNV



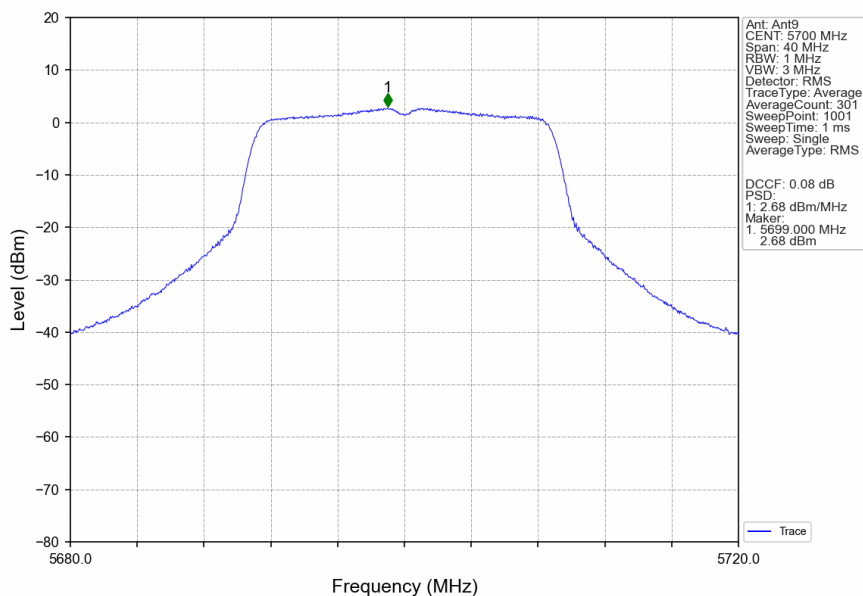
802.11n(HT20)_LCH_5500MHz_Ant9_NTNV



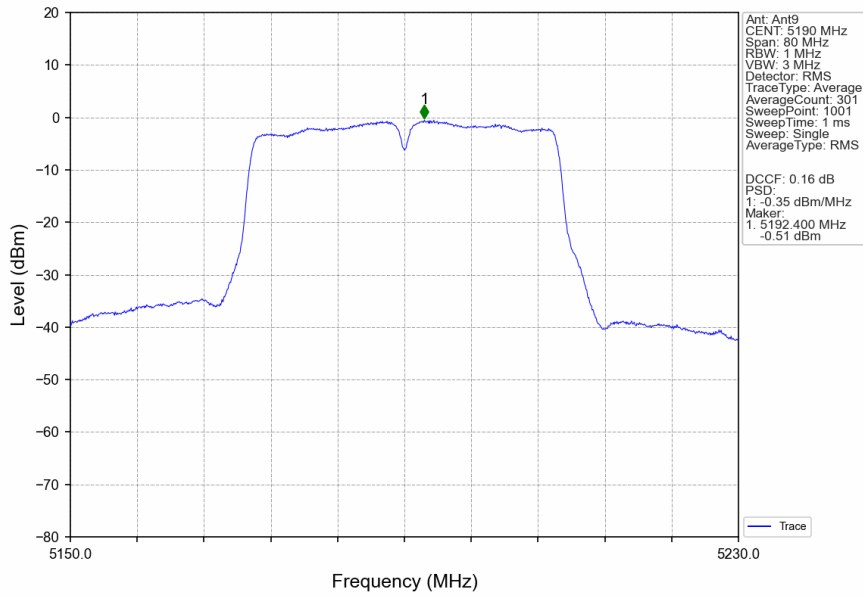
802.11n(HT20)_MCH_5580MHz_Ant9_NTNV



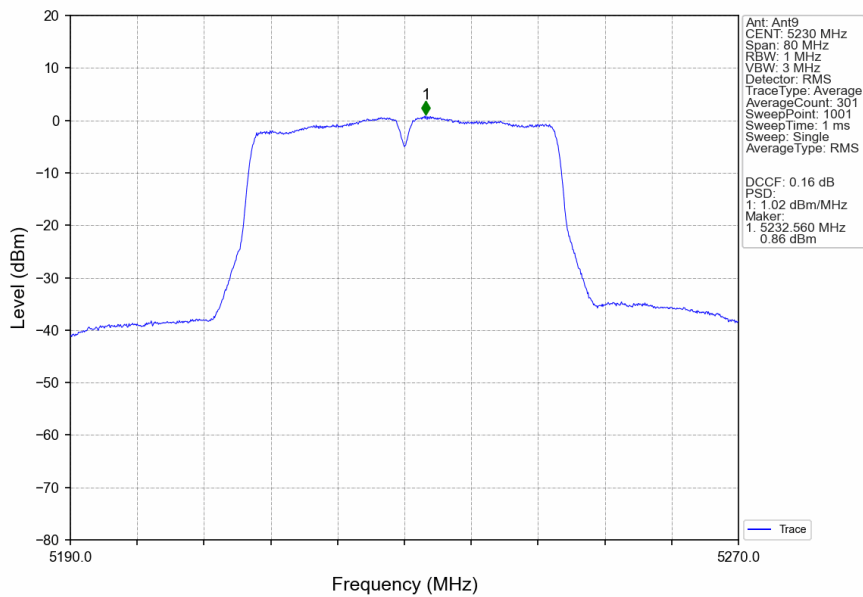
802.11n(HT20)_HCH_5700MHz_Ant9_NTNV



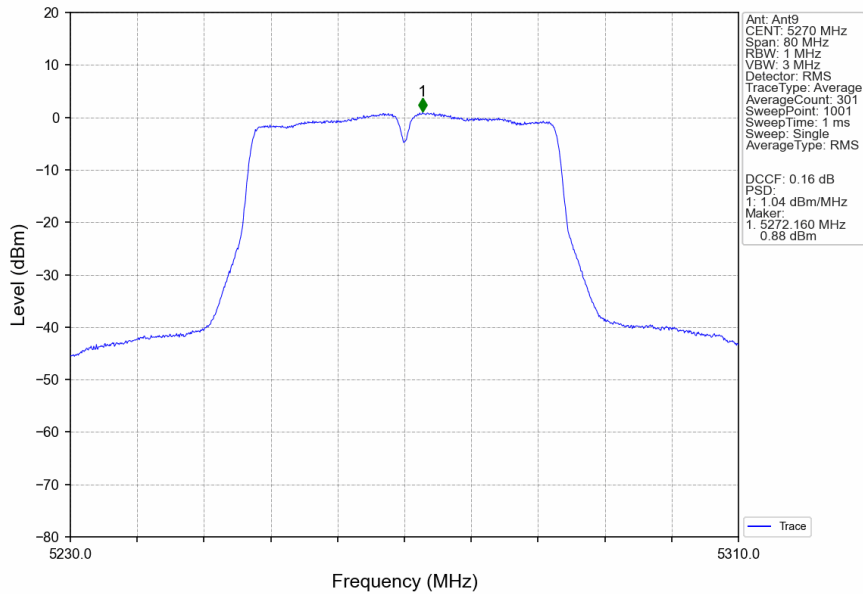
802.11n(HT40)_LCH_5190MHz_Ant9_NTNV



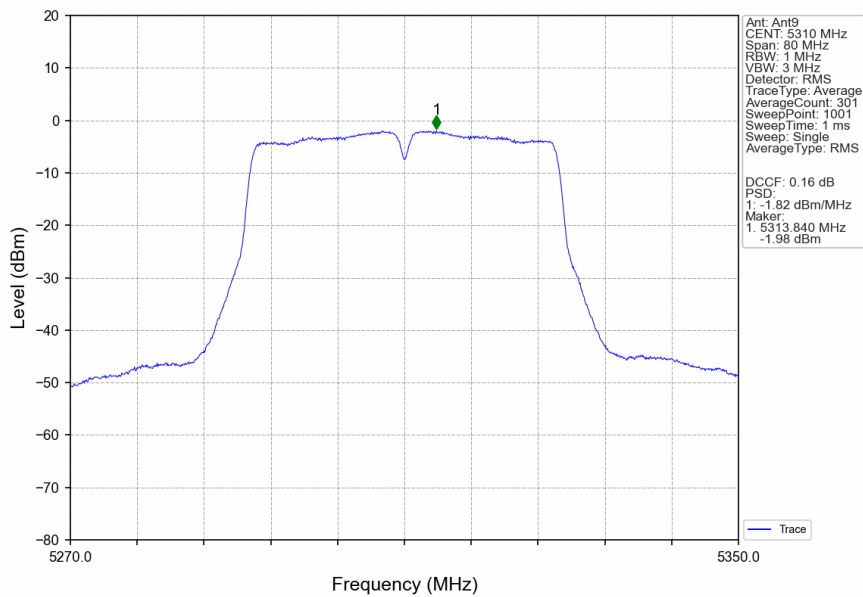
802.11n(HT40)_HCH_5230MHz_Ant9_NTNV



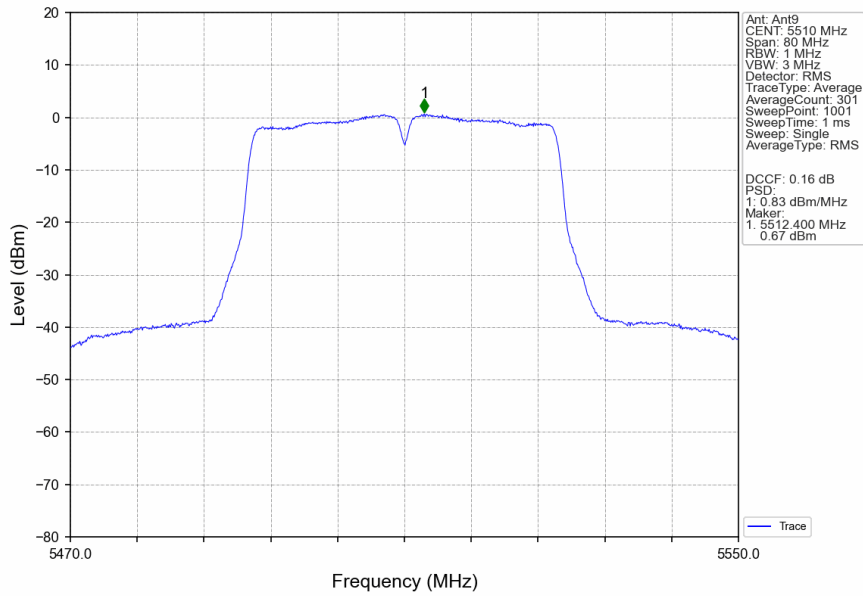
802.11n(HT40)_LCH_5270MHz_Ant9_NTNV



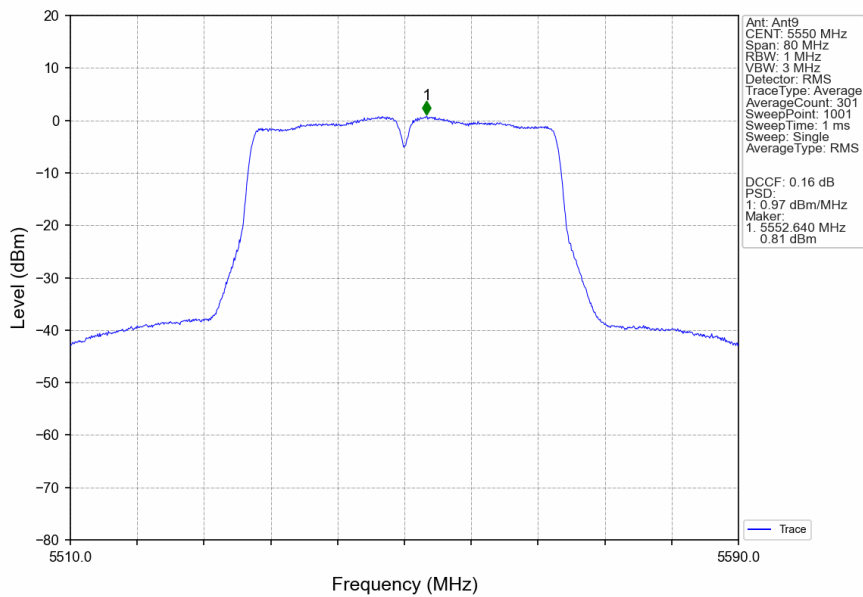
802.11n(HT40)_HCH_5310MHz_Ant9_NTNV



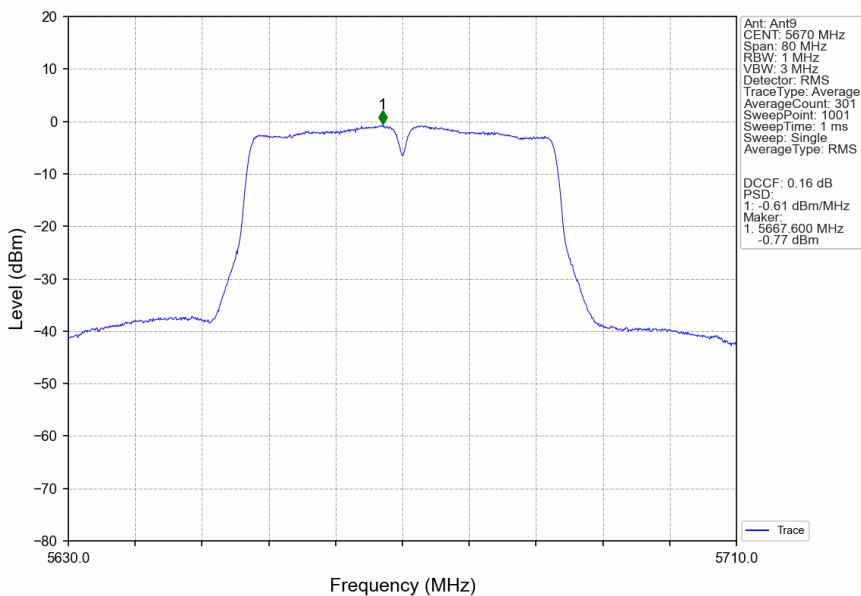
802.11n(HT40)_LCH_5510MHz_Ant9_NTNV



802.11n(HT40)_MCH_5550MHz_Ant9_NTNV



802.11n(HT40)_HCH_5670MHz_Ant9_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant9_NTNV

