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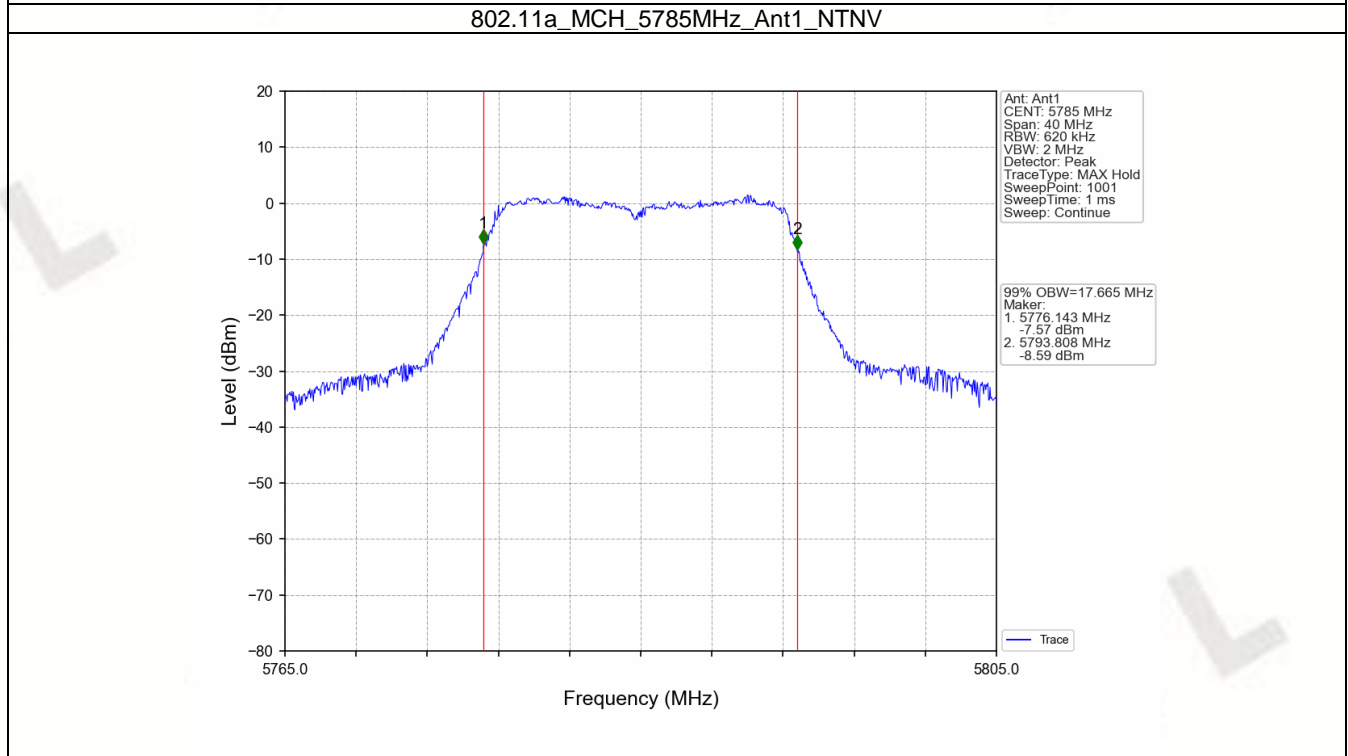
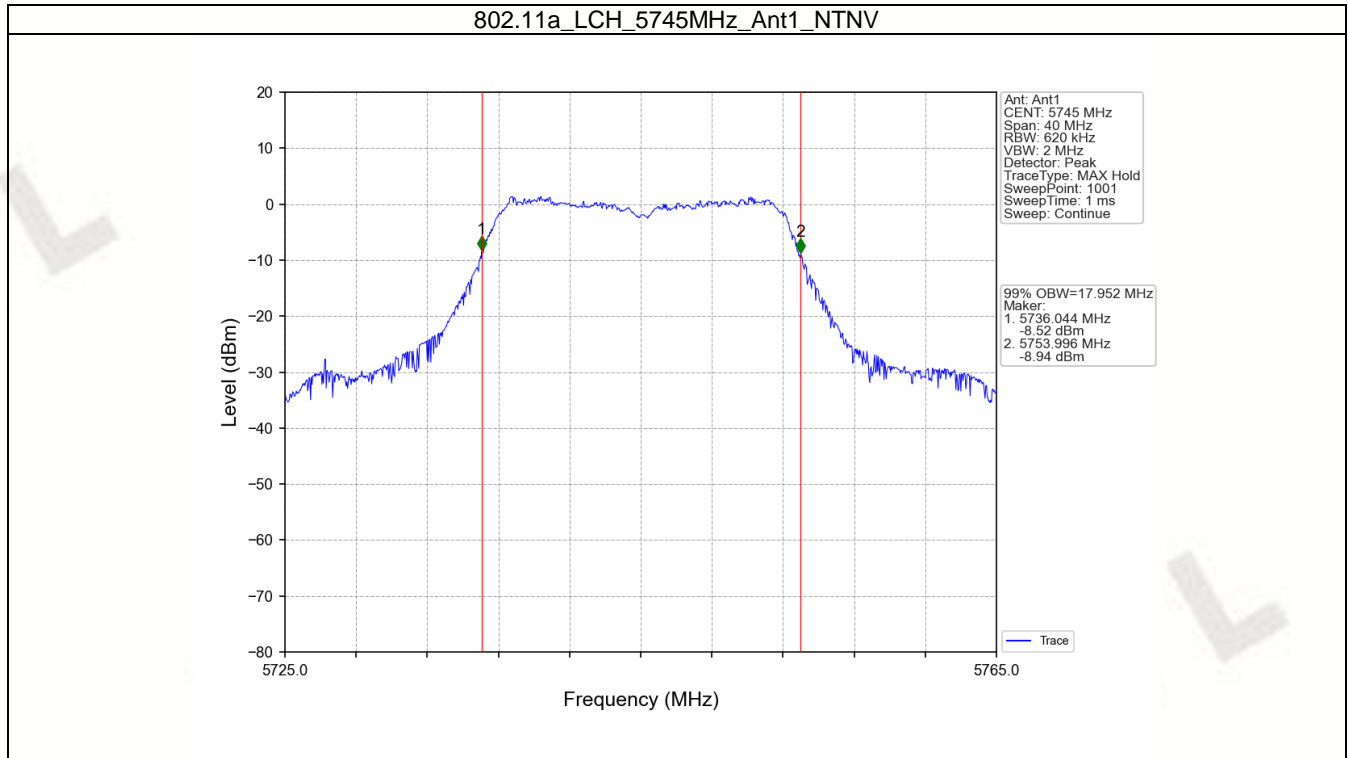
1. Bandwidth

1.1 OBW

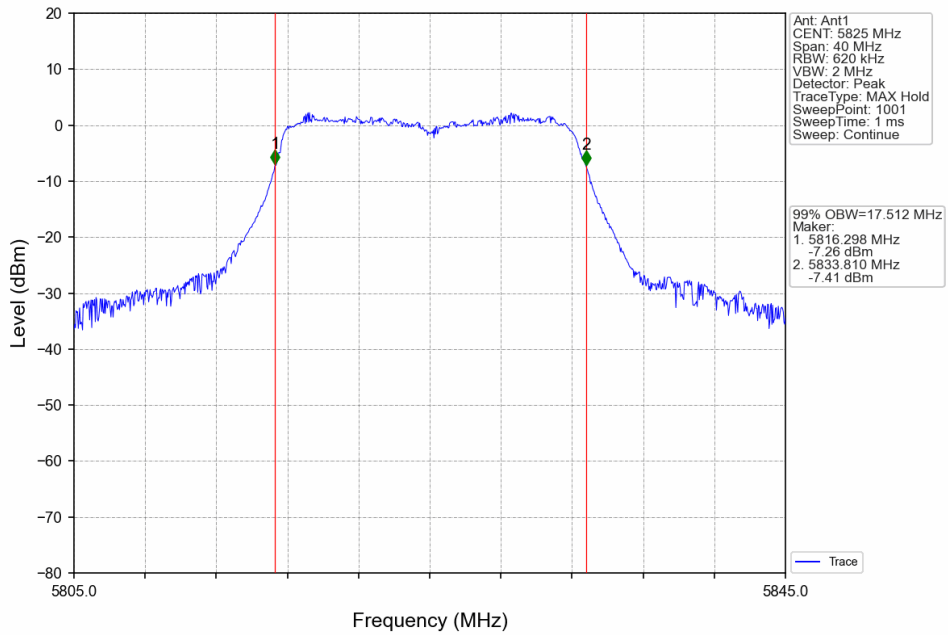
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	17.952	/	Pass
		5785	1	17.665	/	Pass
		5825	1	17.512	/	Pass
802.11n (HT20)	SISO	5745	1	18.367	/	Pass
		5785	1	18.522	/	Pass
		5825	1	18.459	/	Pass
802.11n (HT40)	SISO	5755	1	36.960	/	Pass
		5795	1	36.963	/	Pass
802.11ac (VHT20)	SISO	5745	1	18.447	/	Pass
		5785	1	18.480	/	Pass
		5825	1	18.384	/	Pass
802.11ac (VHT40)	SISO	5755	1	37.106	/	Pass
		5795	1	37.211	/	Pass
802.11ac (VHT80)	SISO	5775	1	76.615	/	Pass

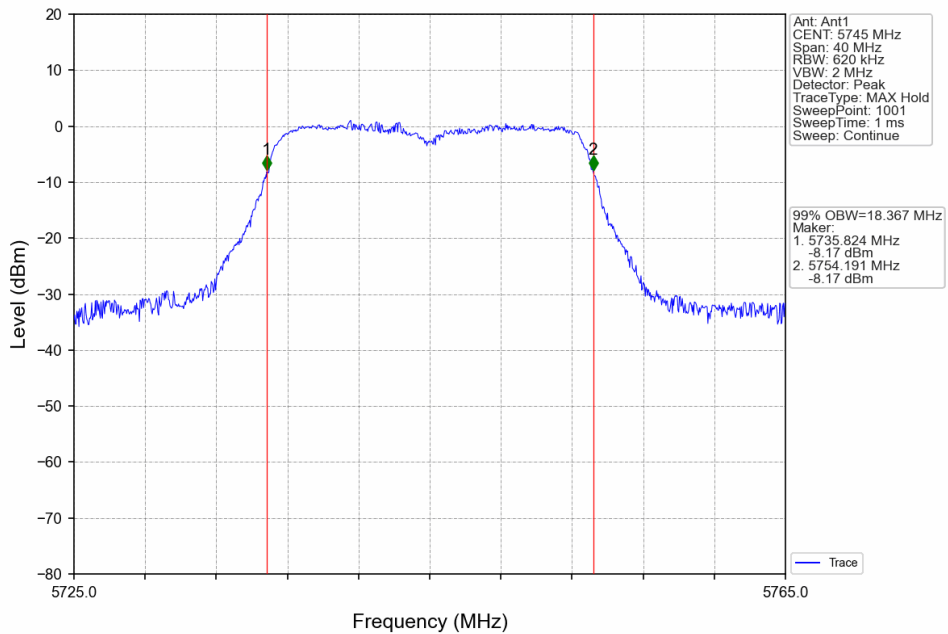
1.1.2 Test Graph

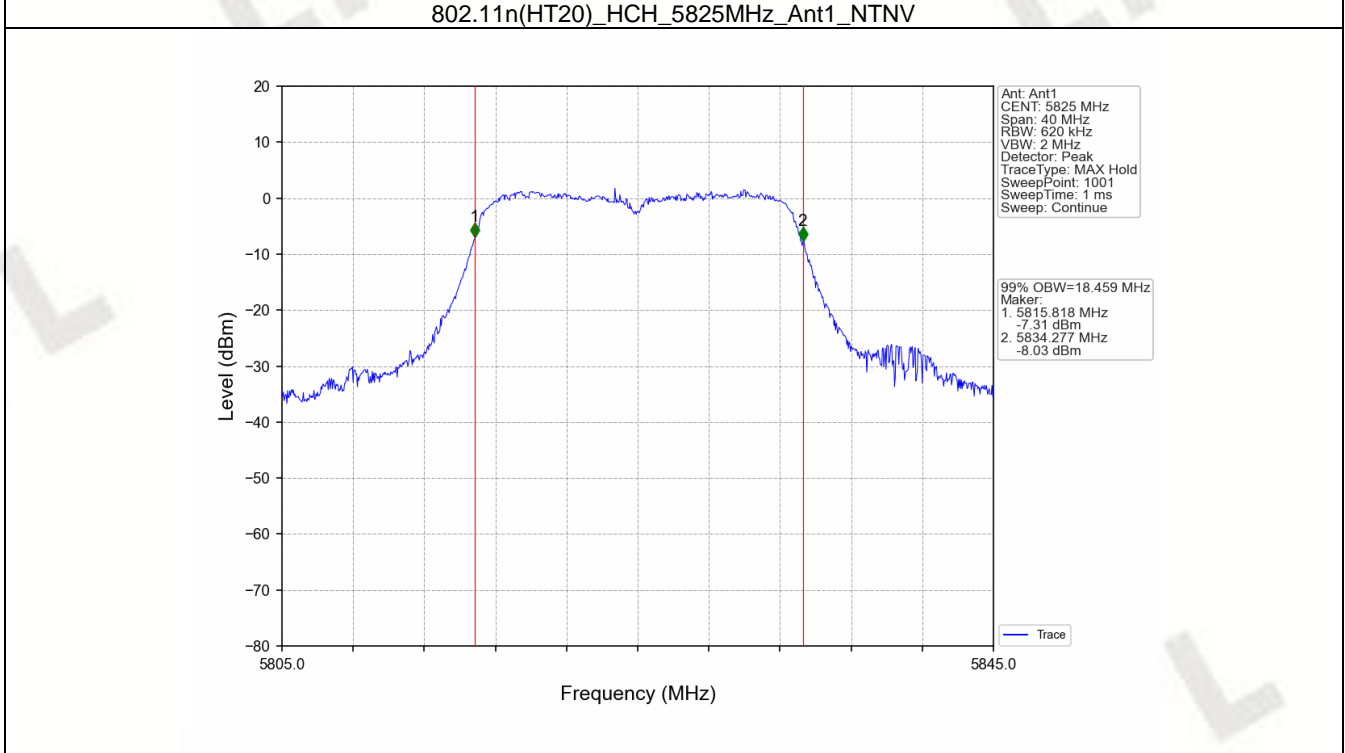
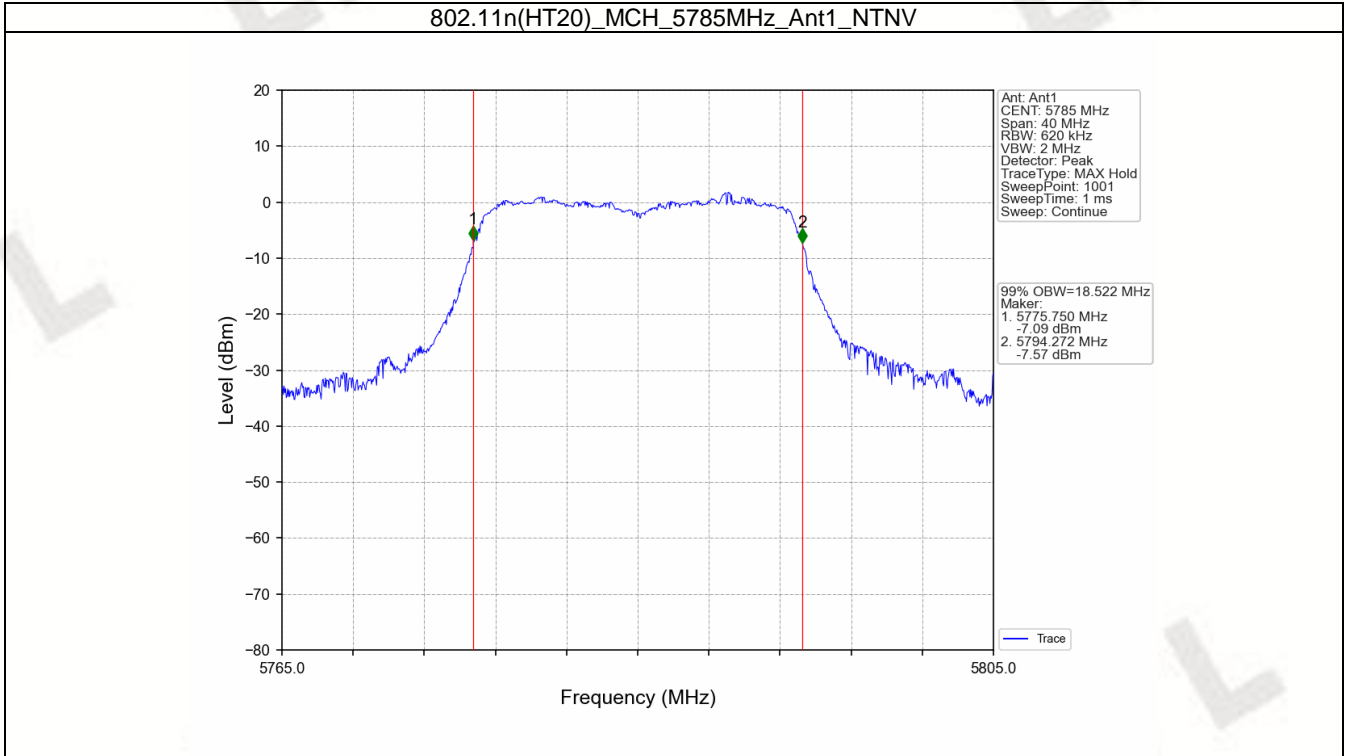


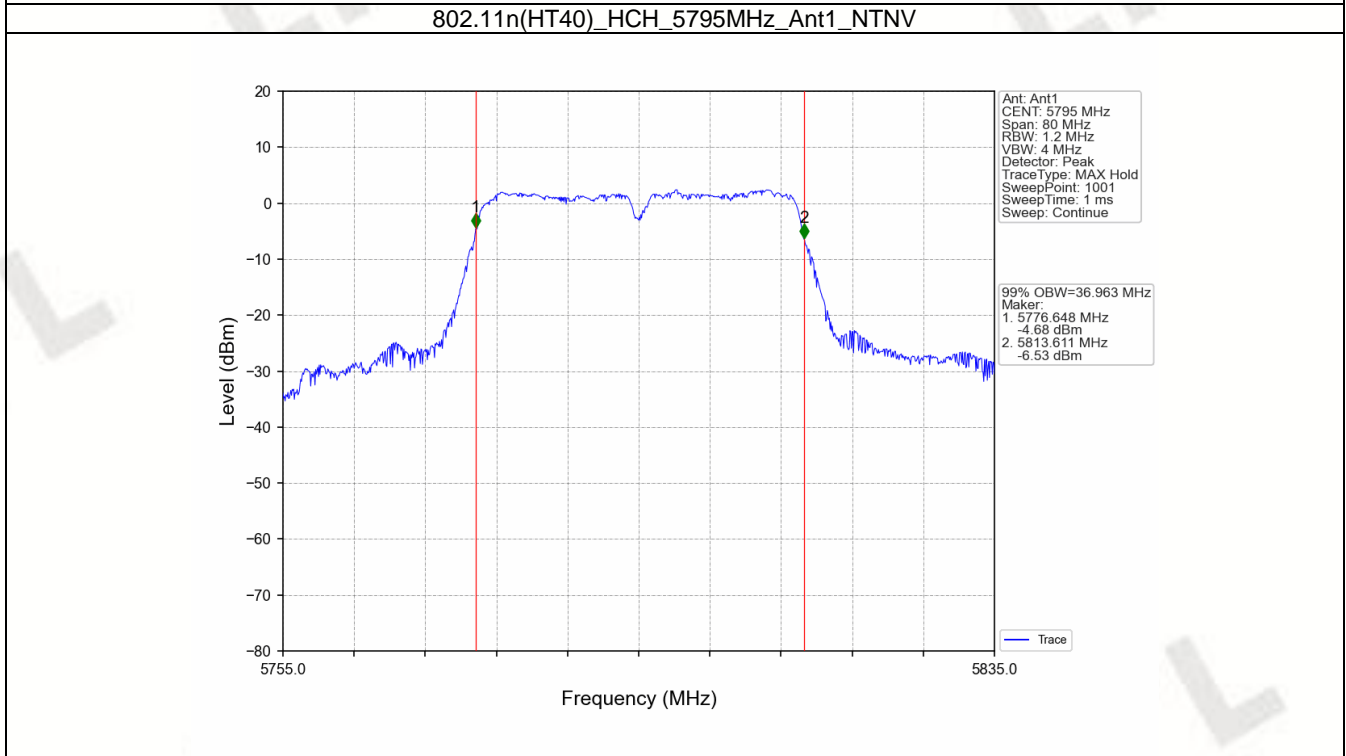
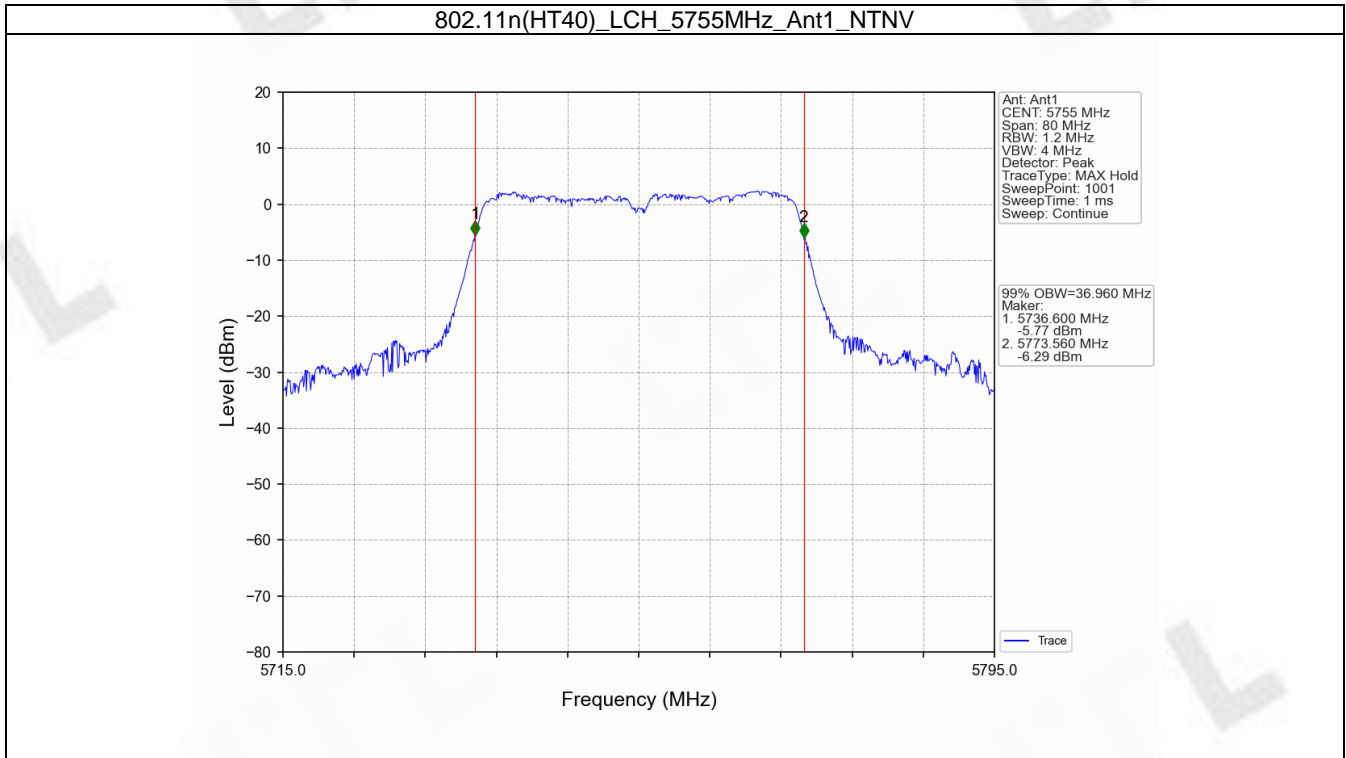
802.11a_HCH_5825MHz_Ant1_NTNV

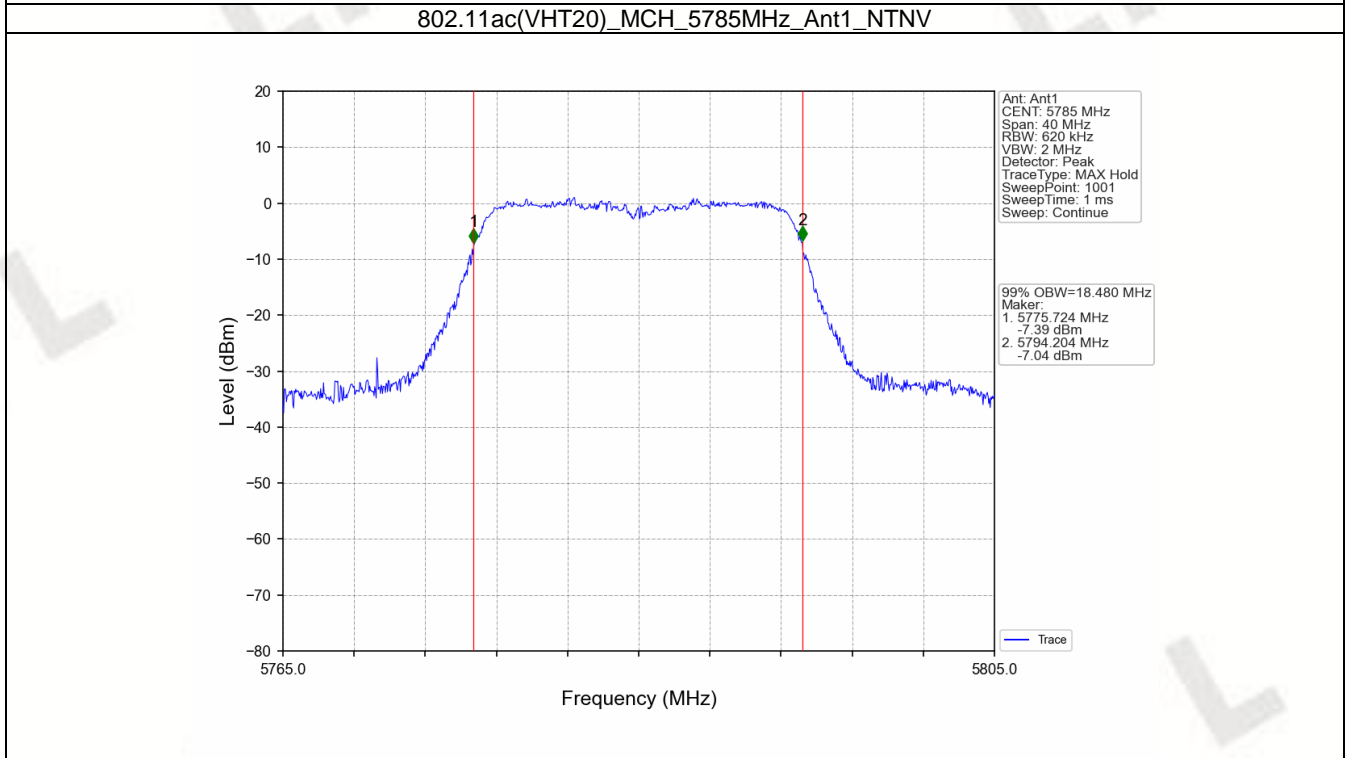
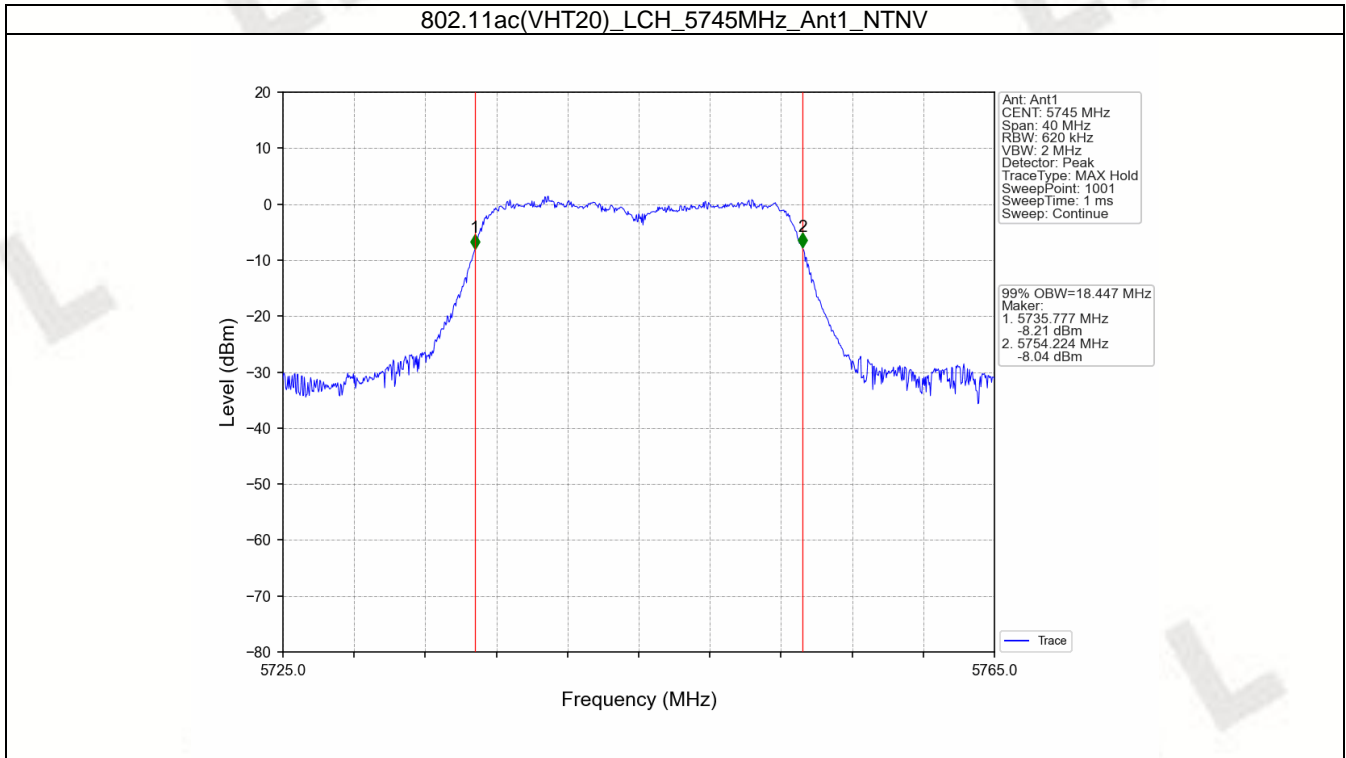


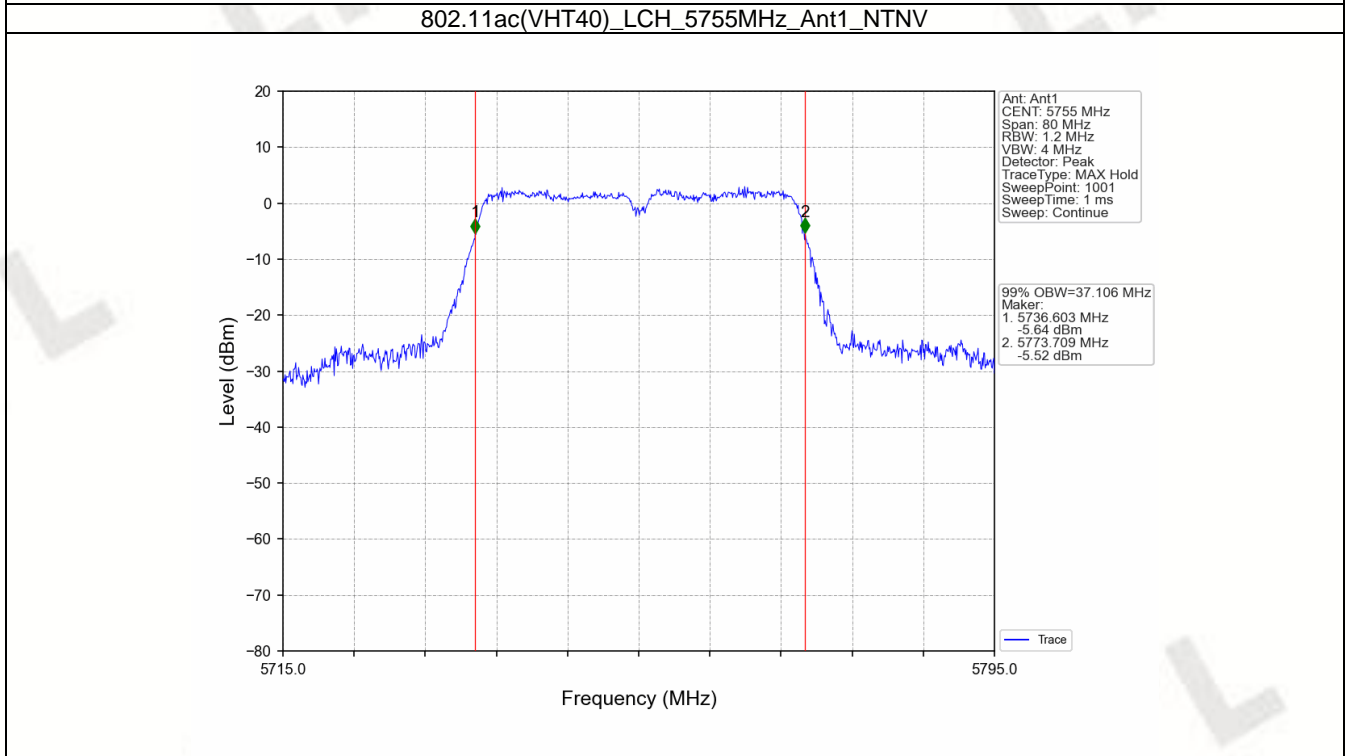
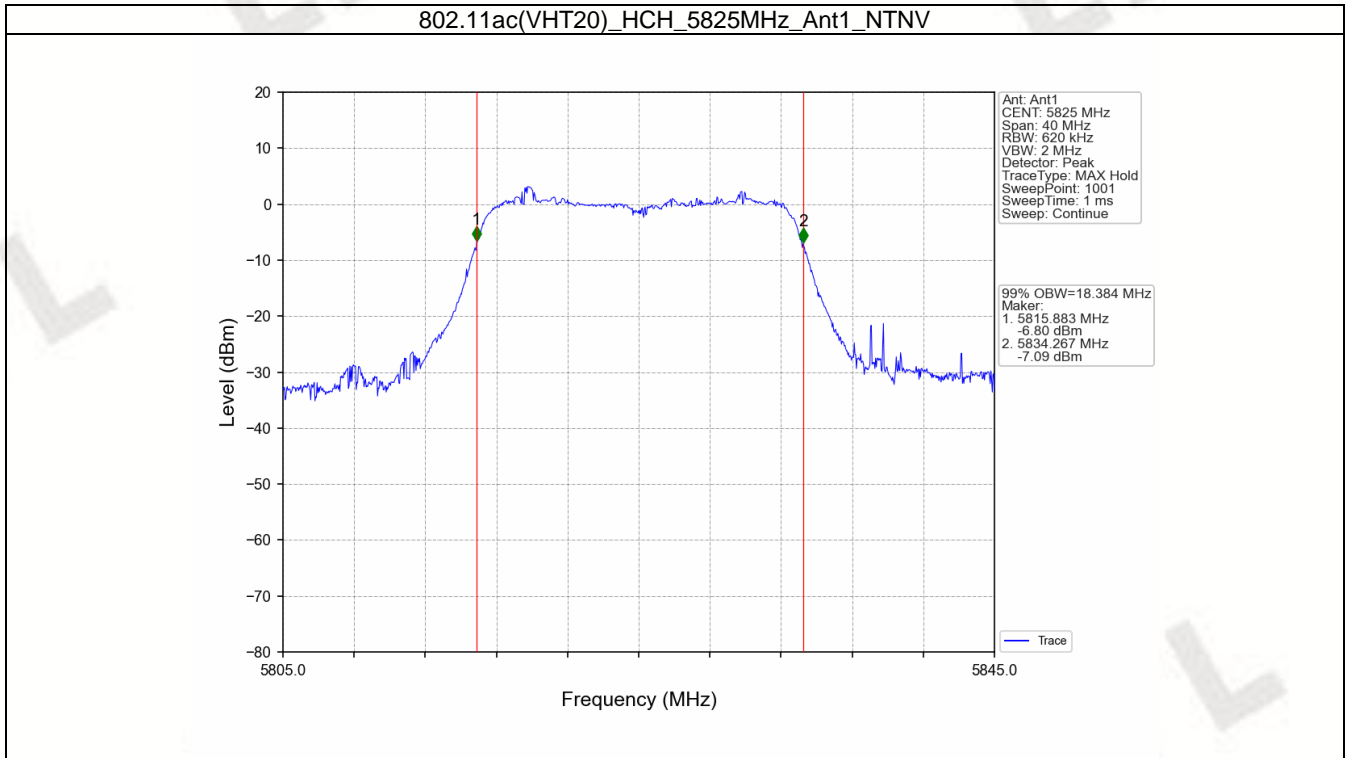
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

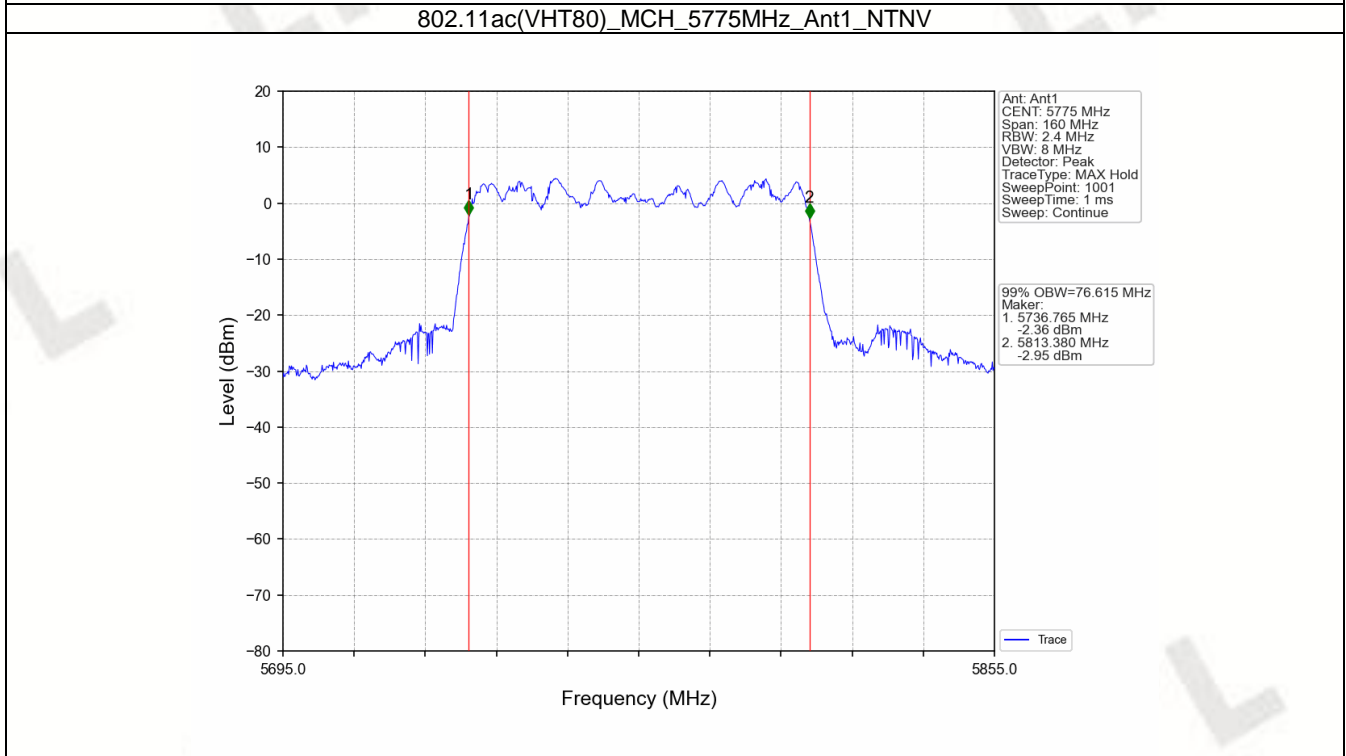
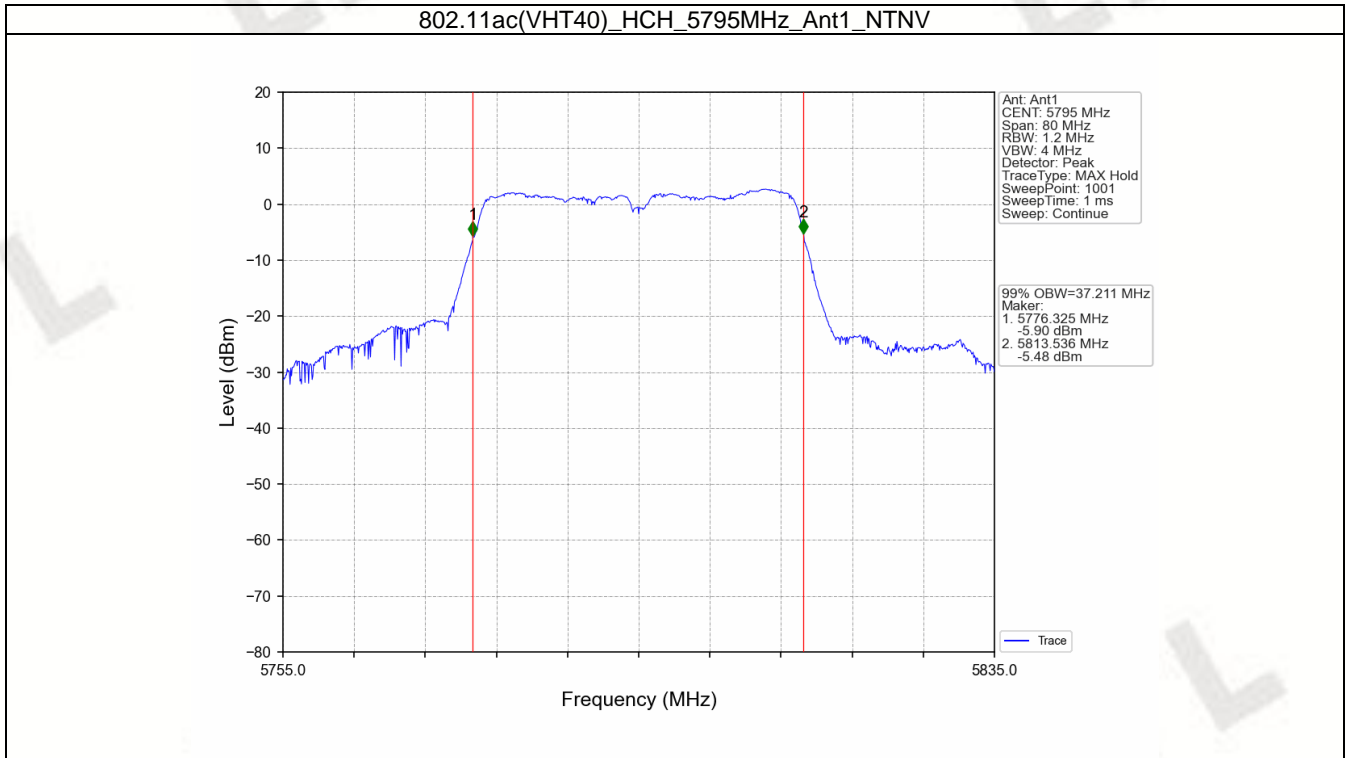










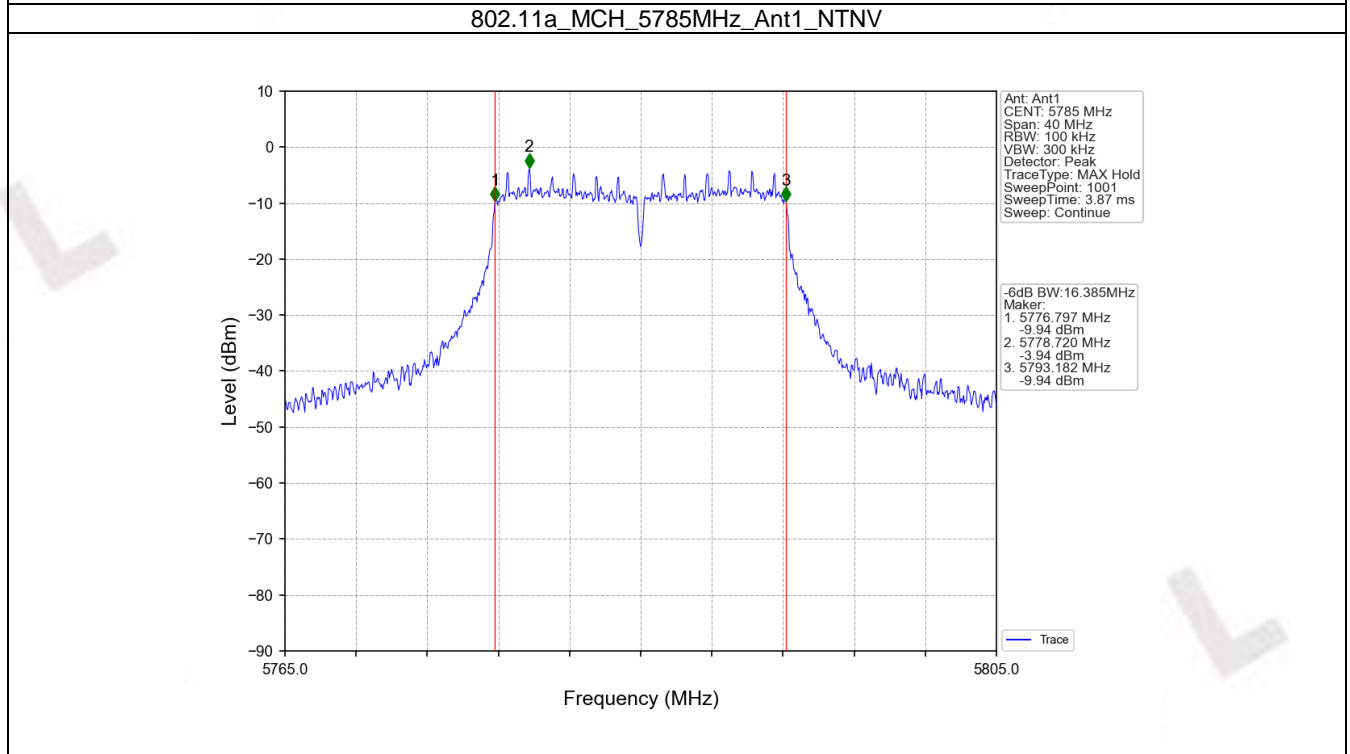
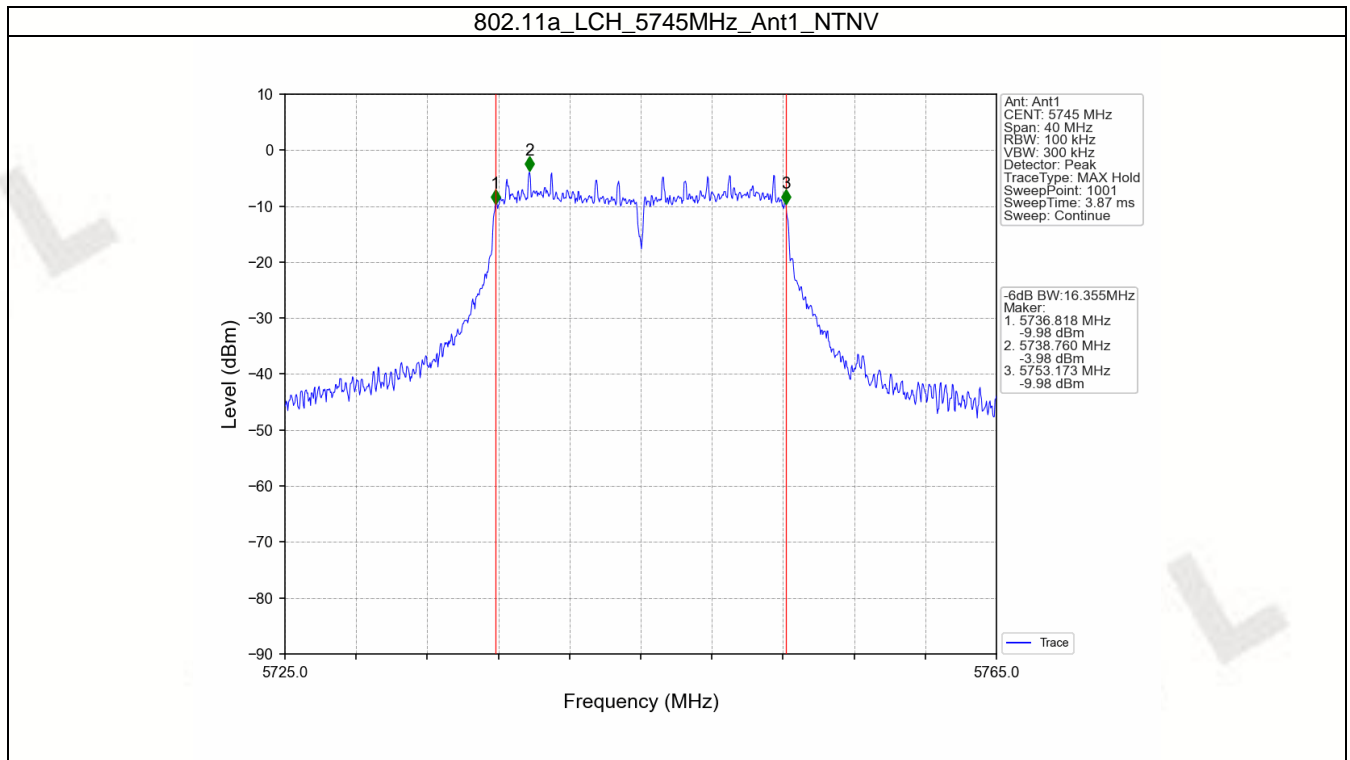


1.2 6dB BW

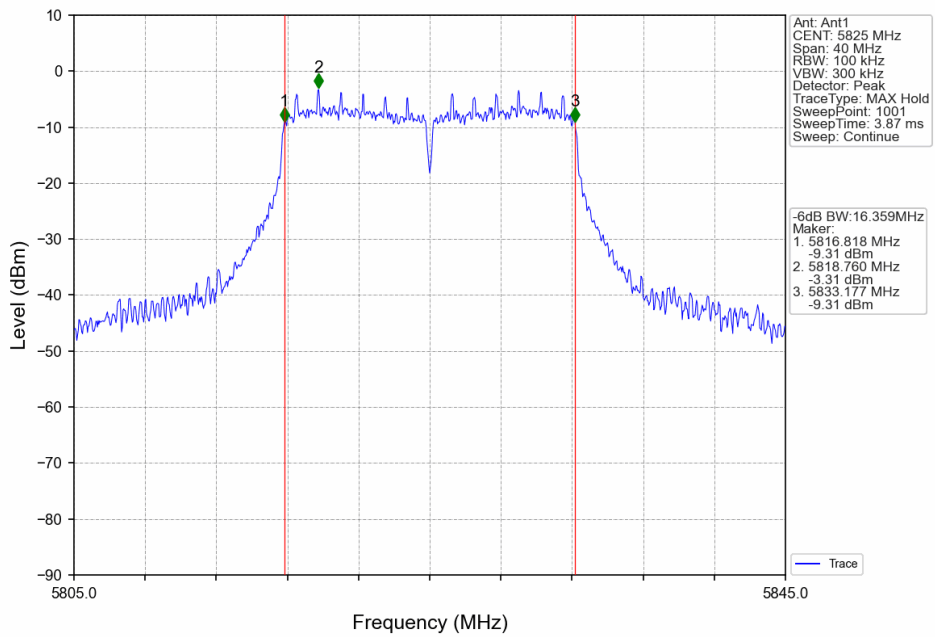
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.355	>=0.5	Pass
		5785	1	16.385	>=0.5	Pass
		5825	1	16.359	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	17.327	>=0.5	Pass
		5785	1	17.333	>=0.5	Pass
		5825	1	17.294	>=0.5	Pass
802.11n (HT40)	SISO	5755	1	35.766	>=0.5	Pass
		5795	1	35.761	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.236	>=0.5	Pass
		5785	1	17.123	>=0.5	Pass
		5825	1	17.051	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.654	>=0.5	Pass
		5795	1	35.578	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.203	>=0.5	Pass

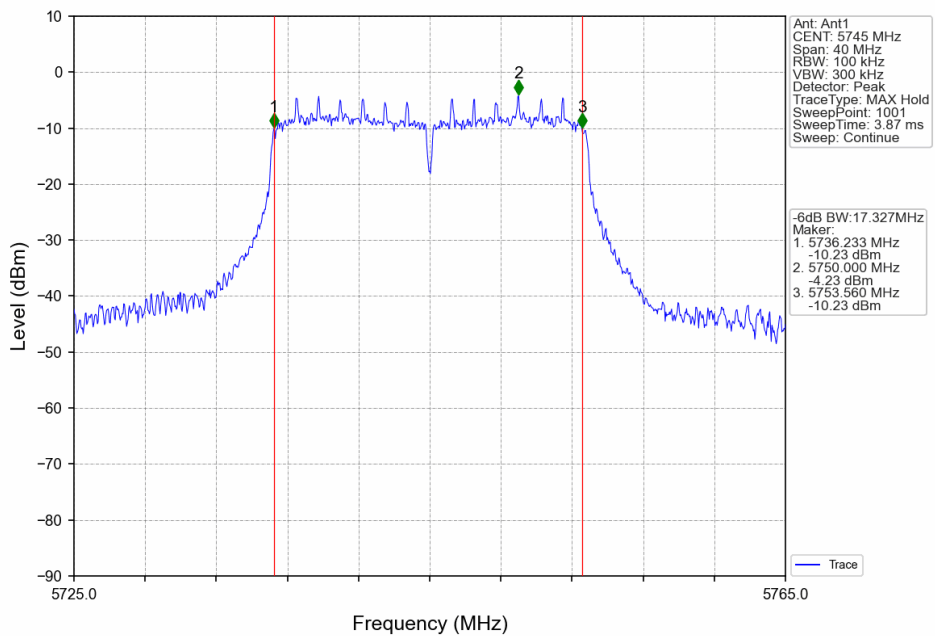
1.2.2 Test Graph

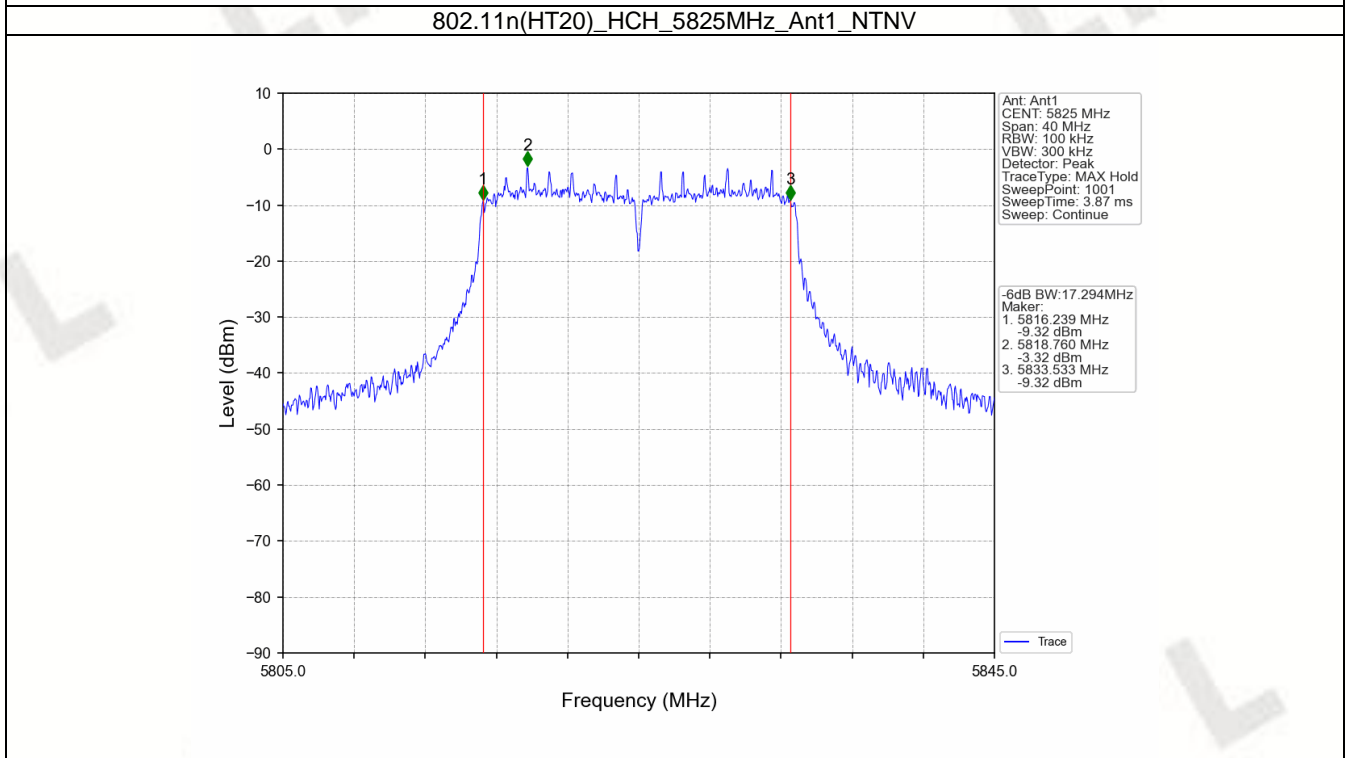
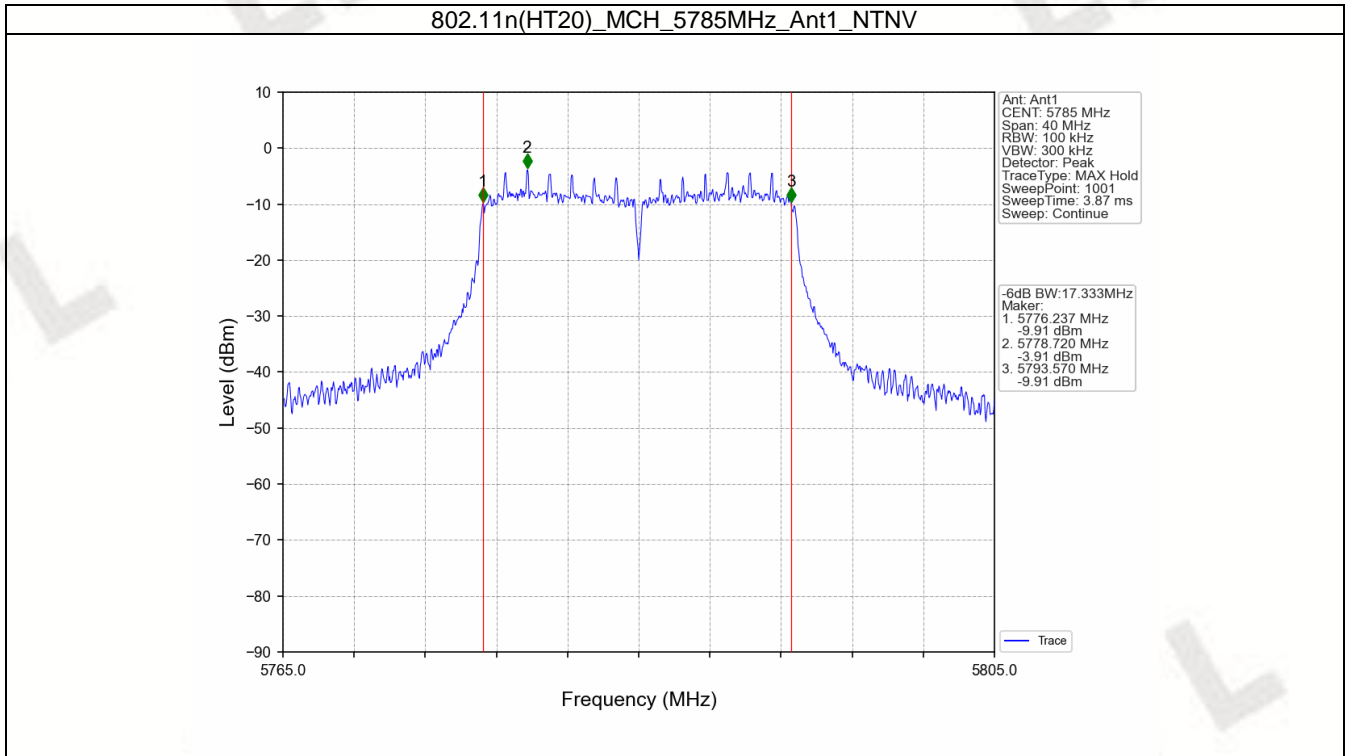


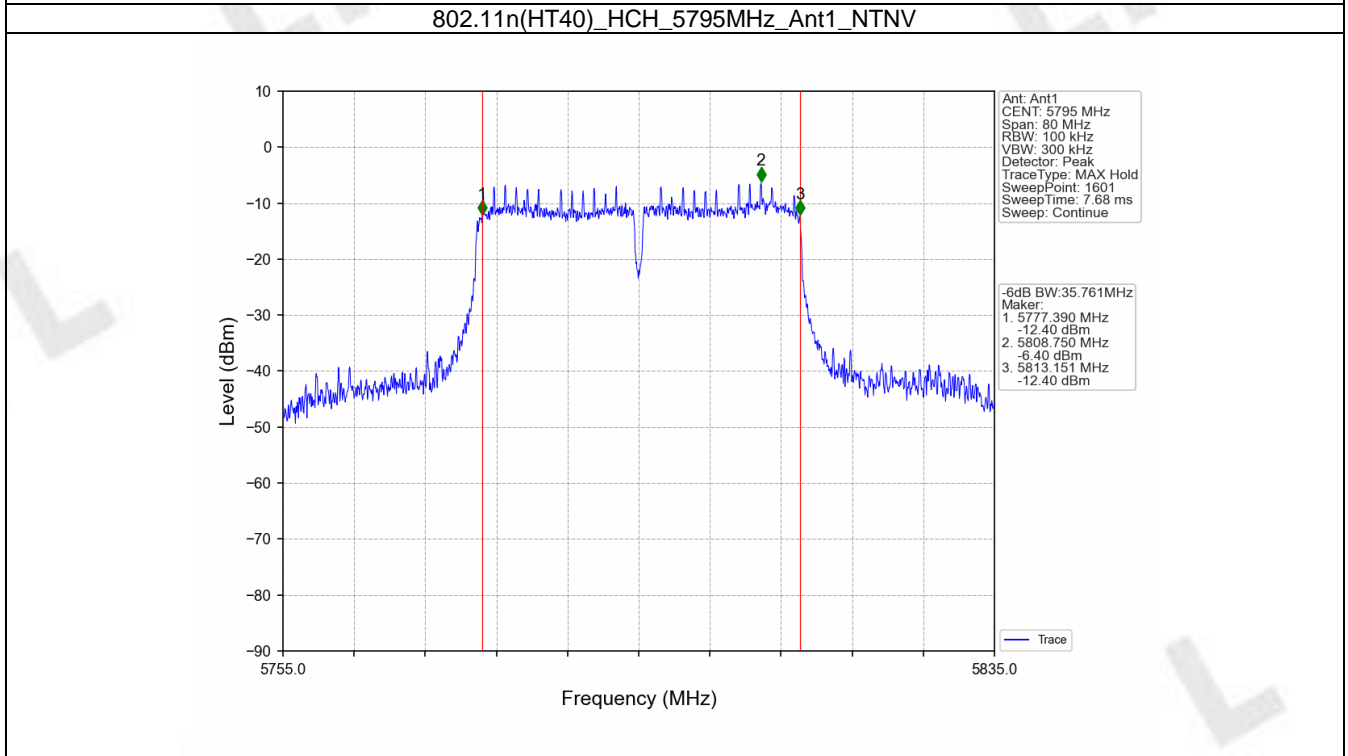
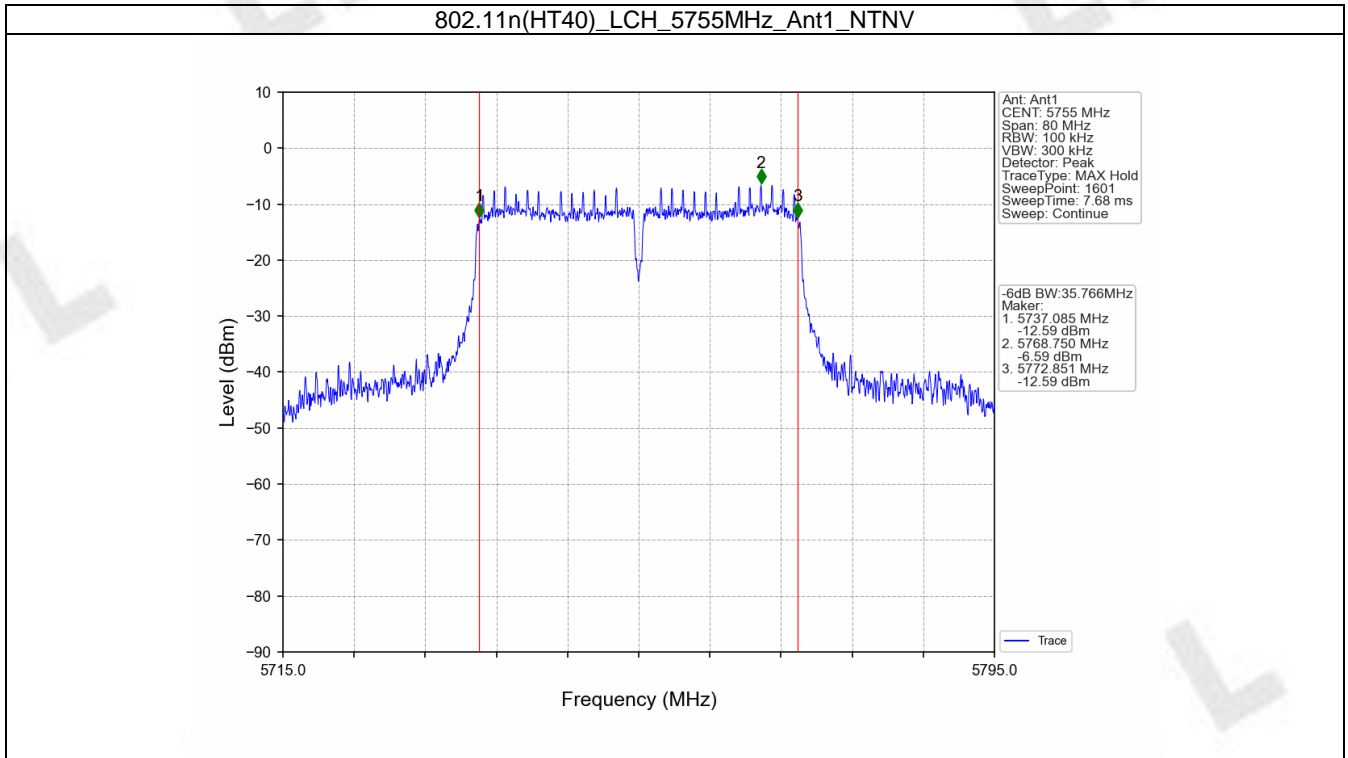
802.11a_HCH_5825MHz_Ant1_NTNV

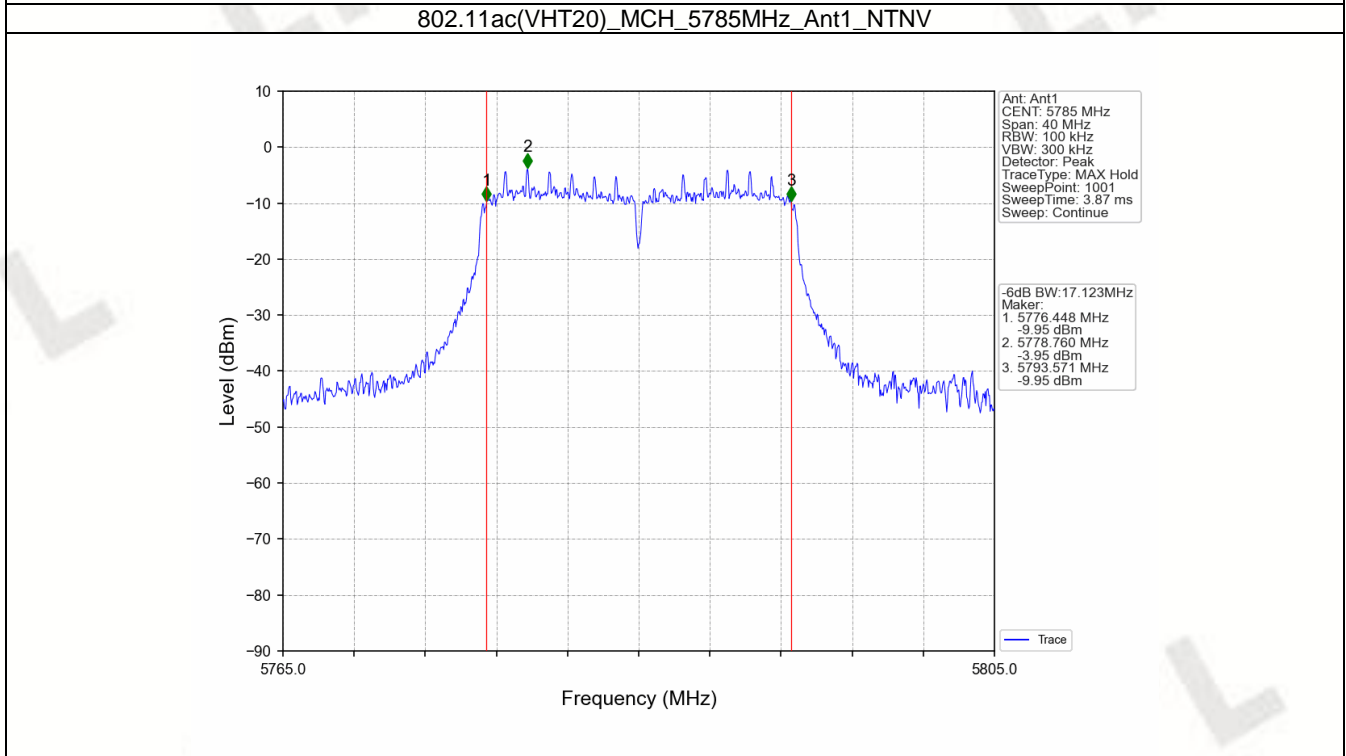
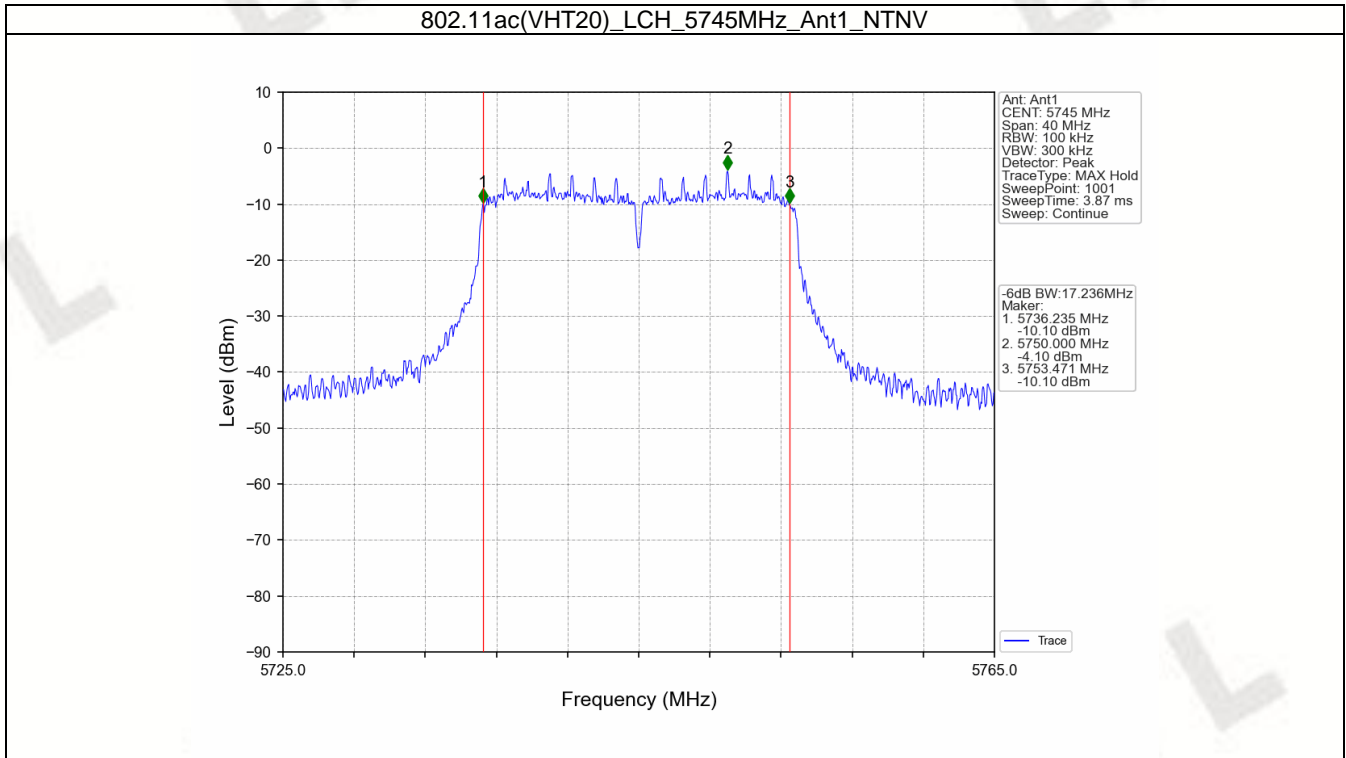


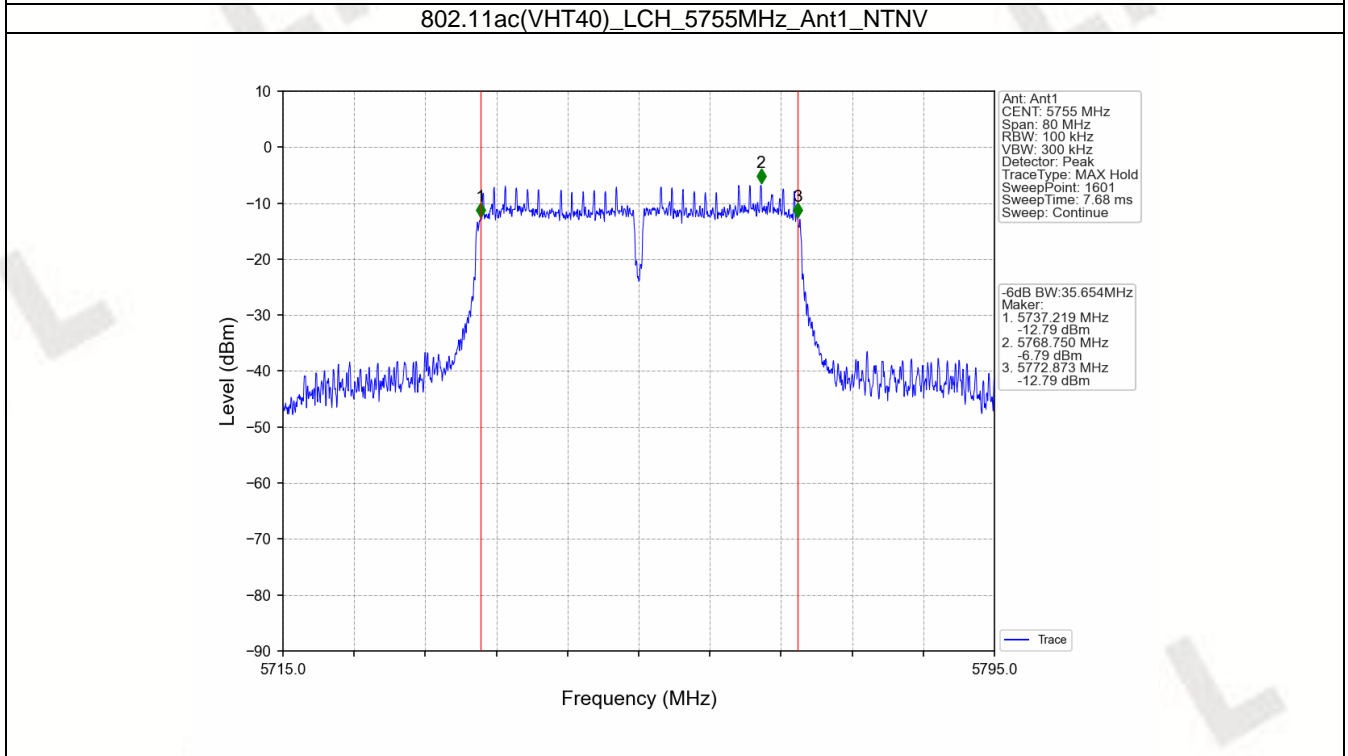
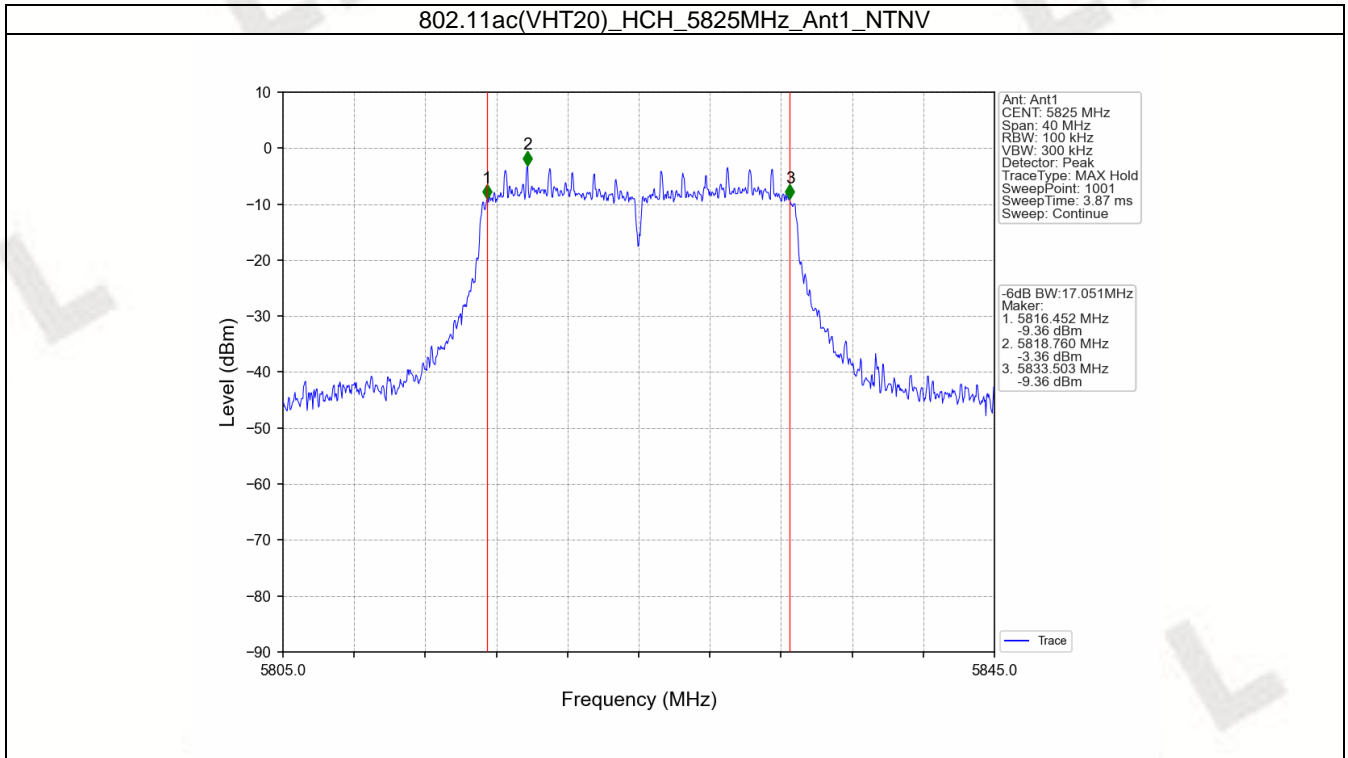
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

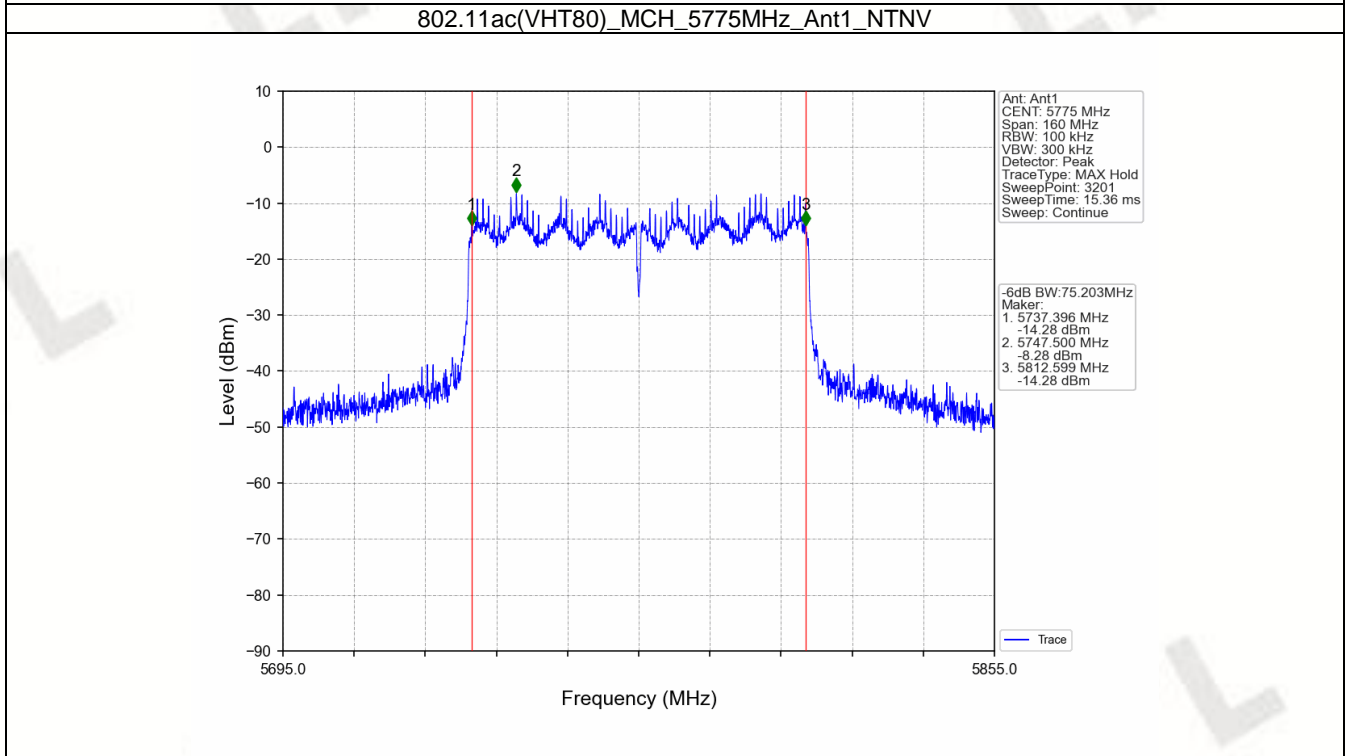
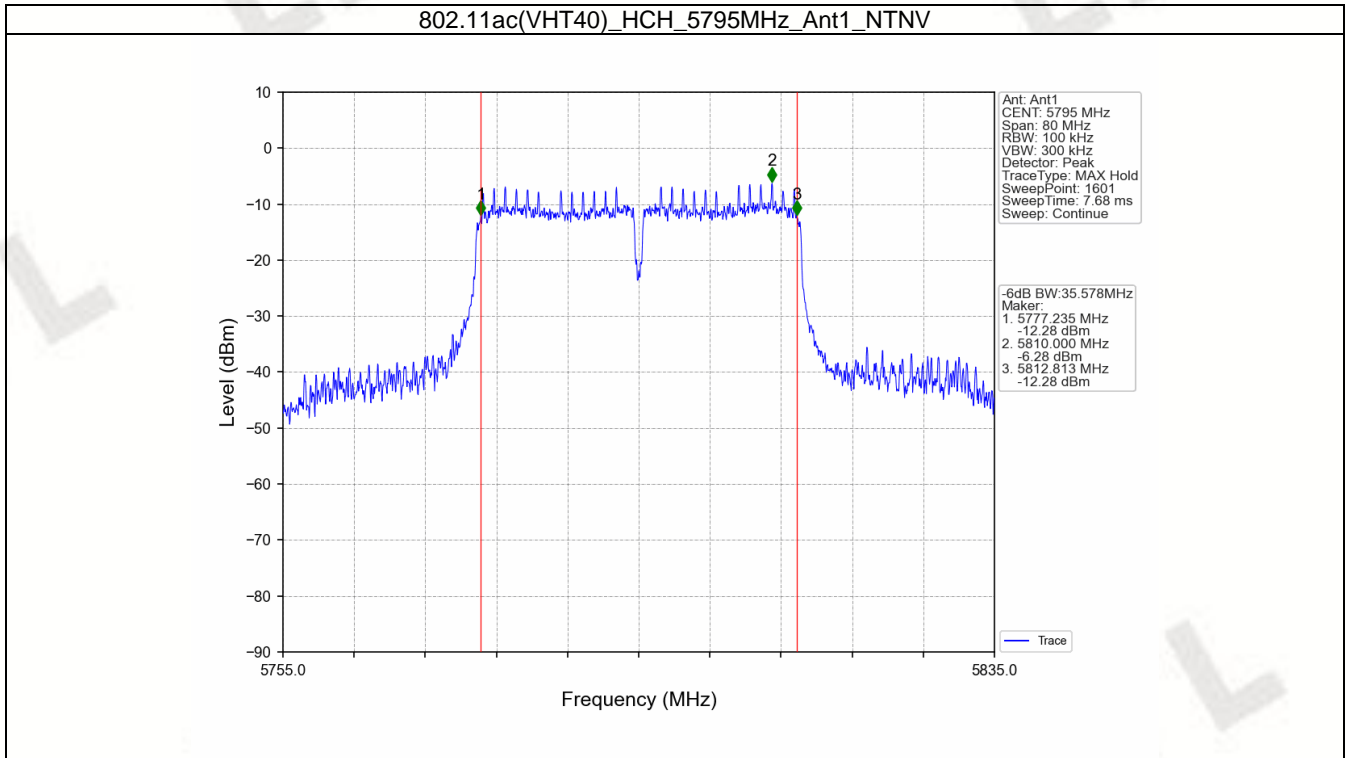












2. Maximum Conducted Output Power

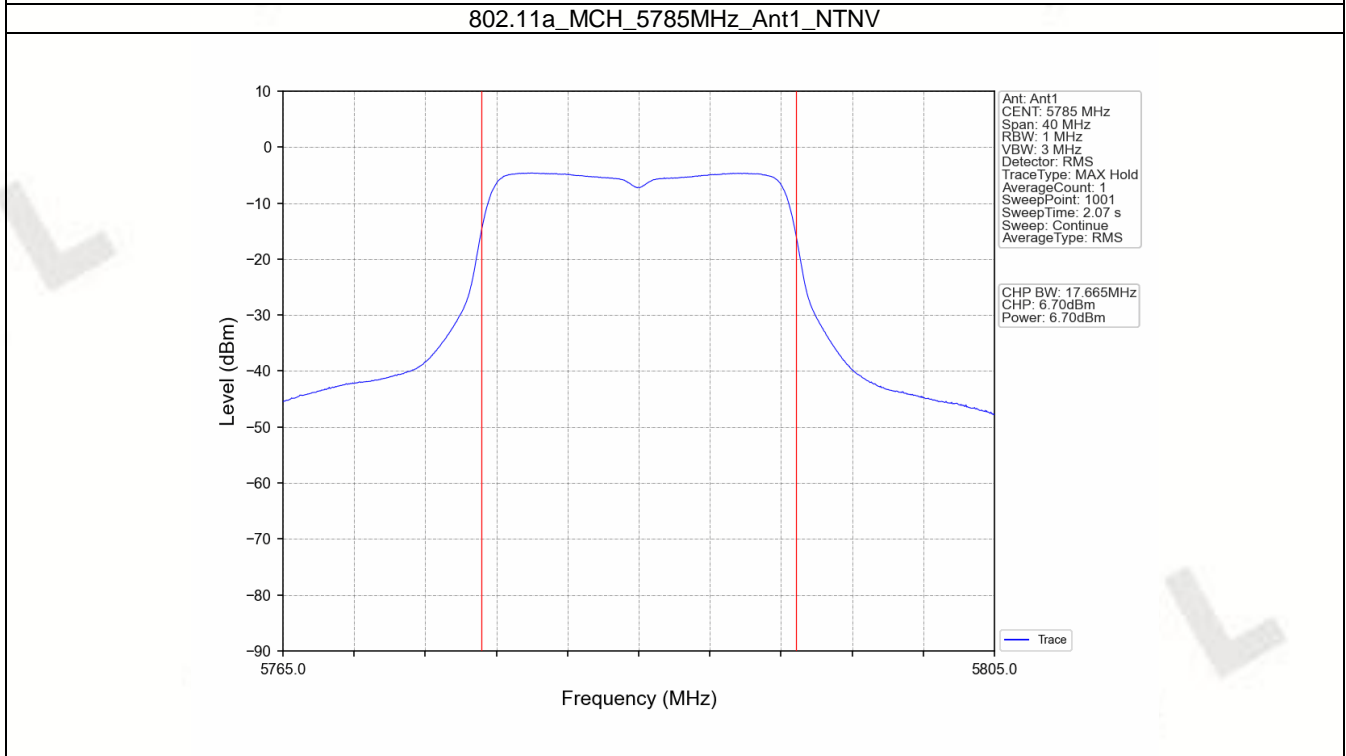
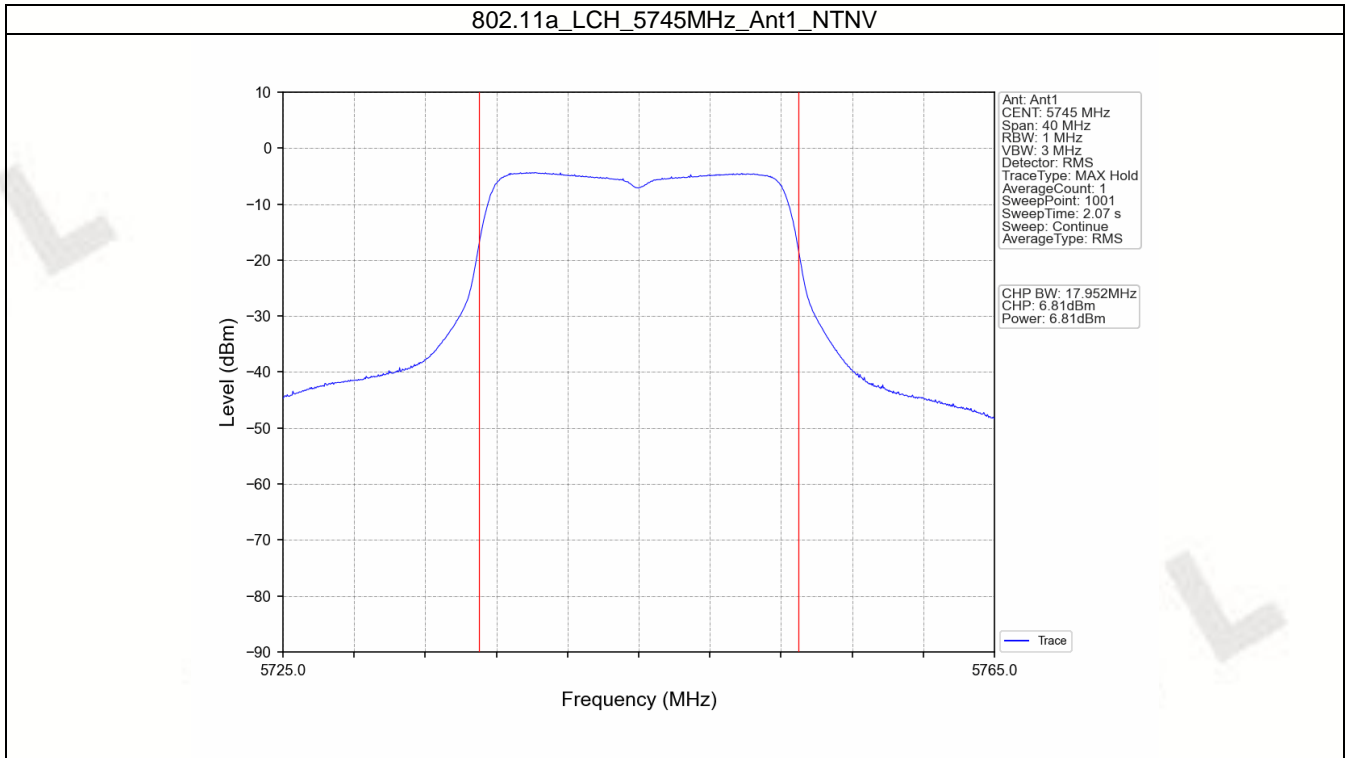
2.1 Power

2.1.1 Test Result

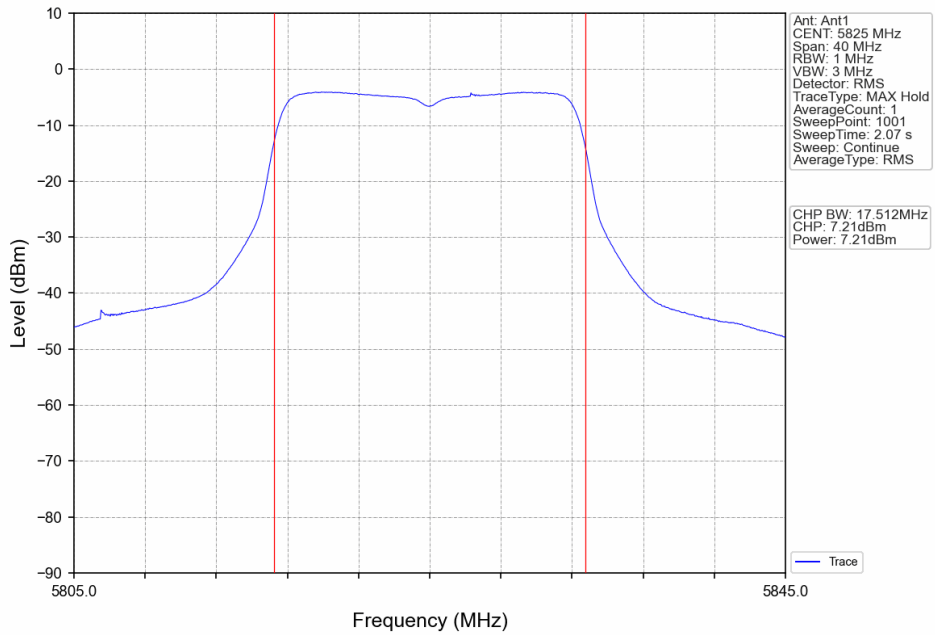
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	6.81	<=28.79	Pass
		5785	6.70	<=28.79	Pass
		5825	7.21	<=28.79	Pass
802.11n (HT20)	SISO	5745	6.74	<=28.79	Pass
		5785	6.78	<=28.79	Pass
		5825	7.11	<=28.79	Pass
802.11n (HT40)	SISO	5755	7.14	<=28.79	Pass
		5795	7.38	<=28.79	Pass
802.11ac (VHT20)	SISO	5745	6.77	<=28.79	Pass
		5785	6.71	<=28.79	Pass
		5825	7.12	<=28.79	Pass
802.11ac (VHT40)	SISO	5755	7.06	<=28.79	Pass
		5795	7.16	<=28.79	Pass
802.11ac (VHT80)	SISO	5775	7.34	<=28.79	Pass

Note1: Antenna Gain: Ant1: 7.21dBi;

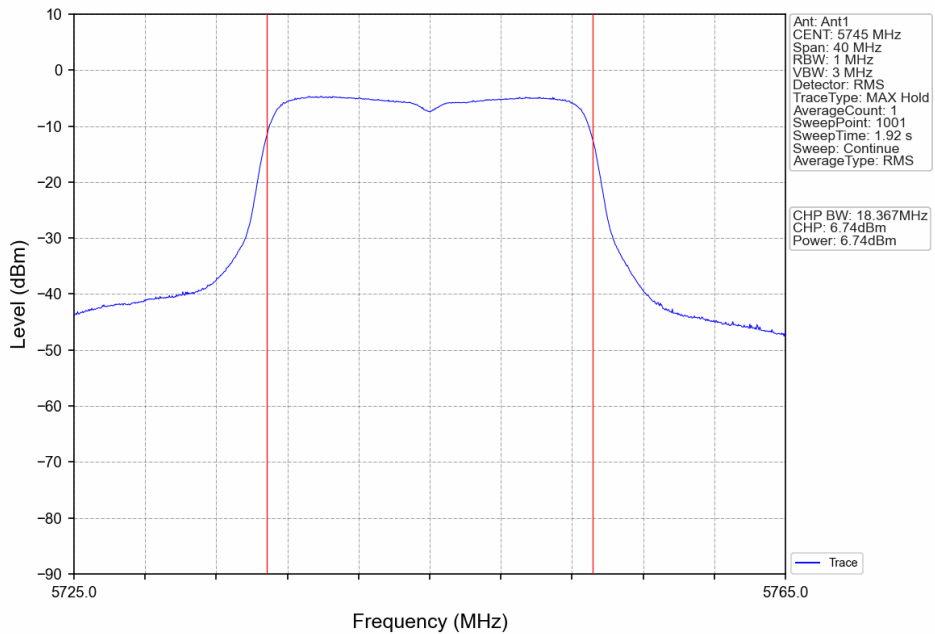
2.1.2 Test Graph



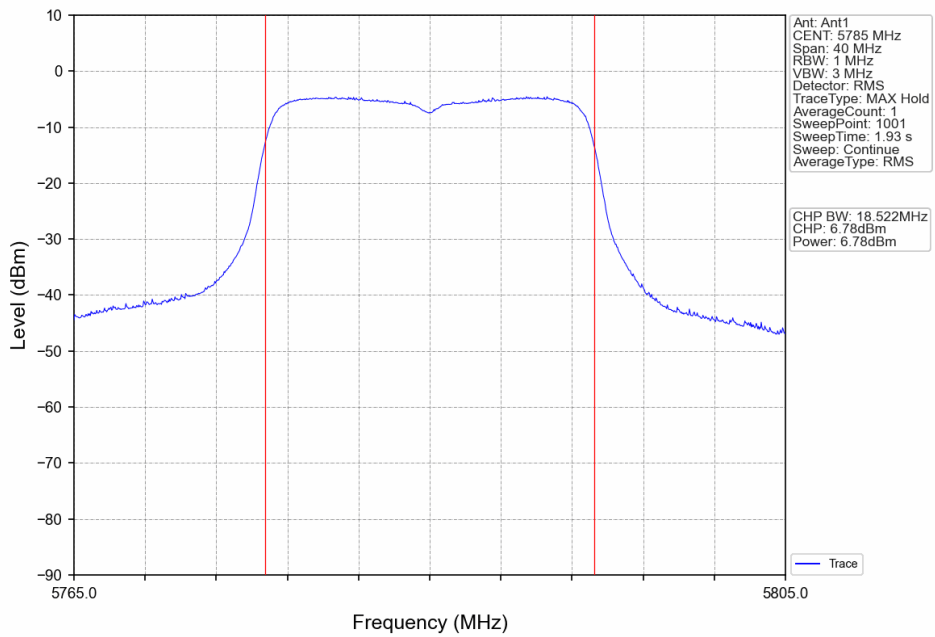
802.11a_HCH_5825MHz_Ant1_NTNV



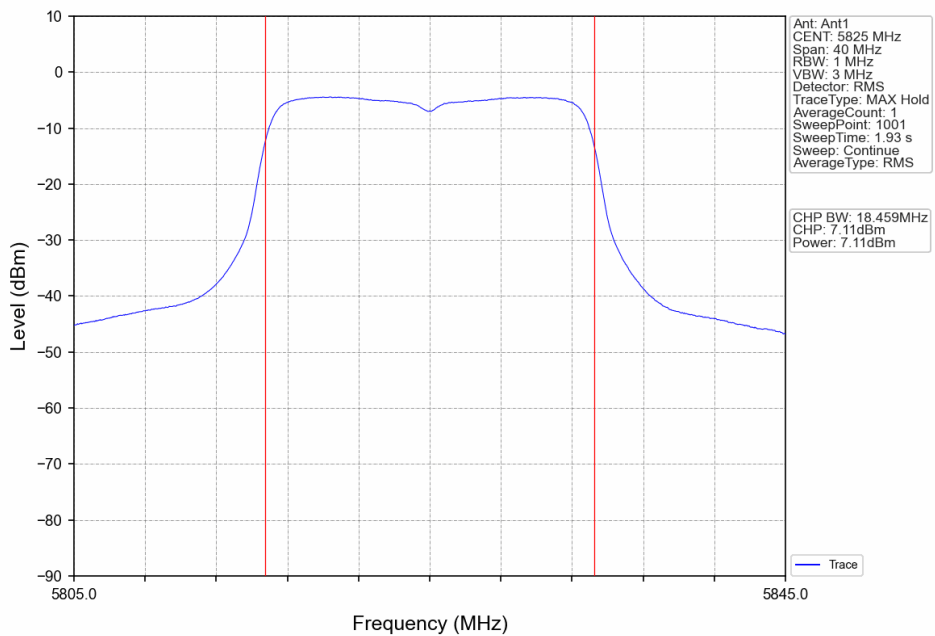
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



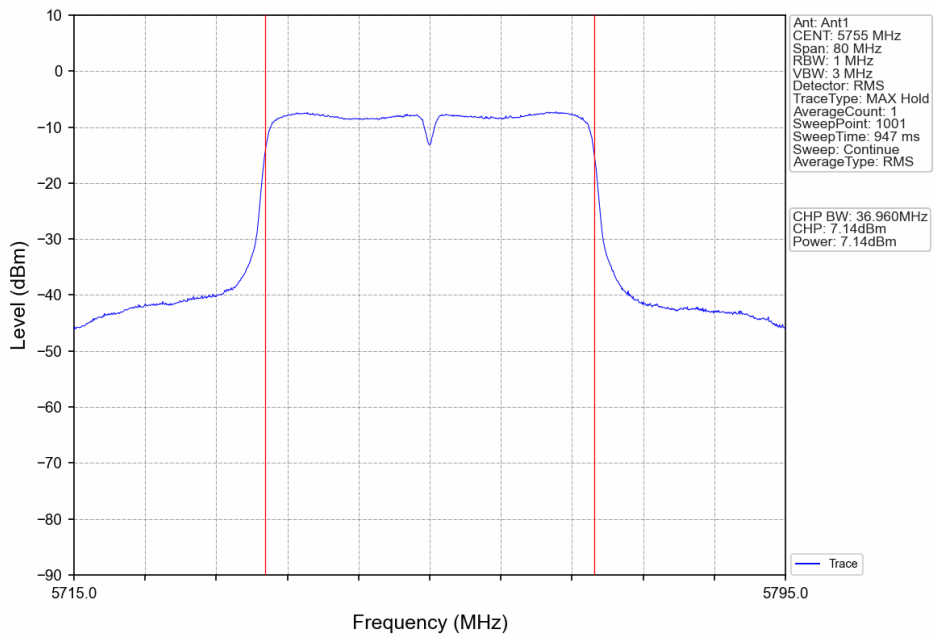
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



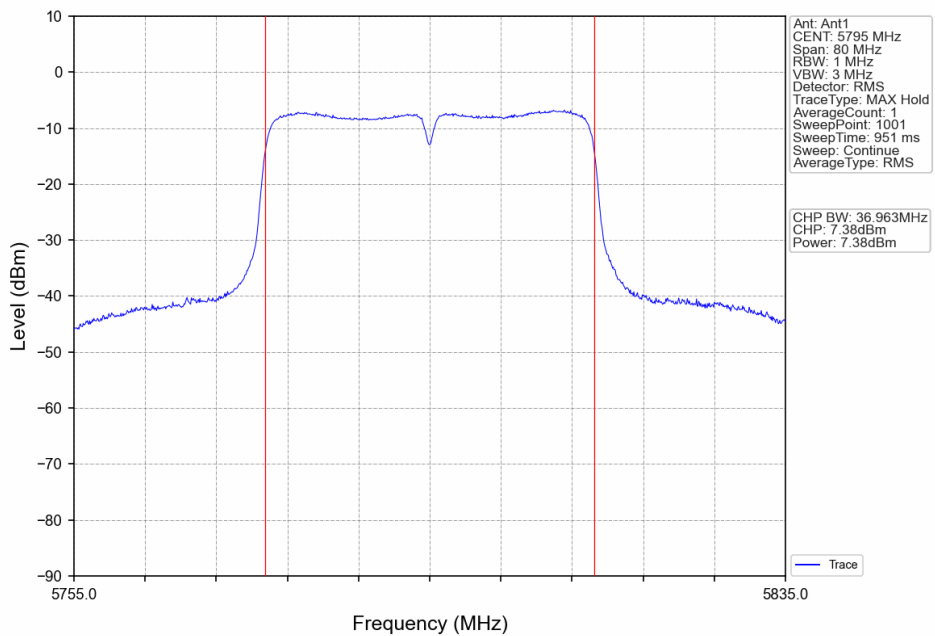
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



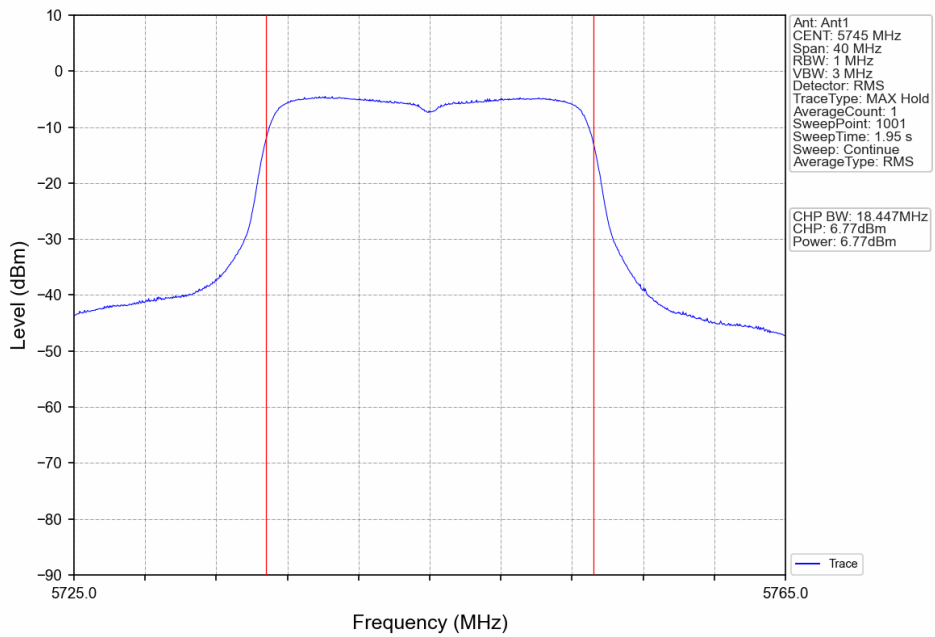
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



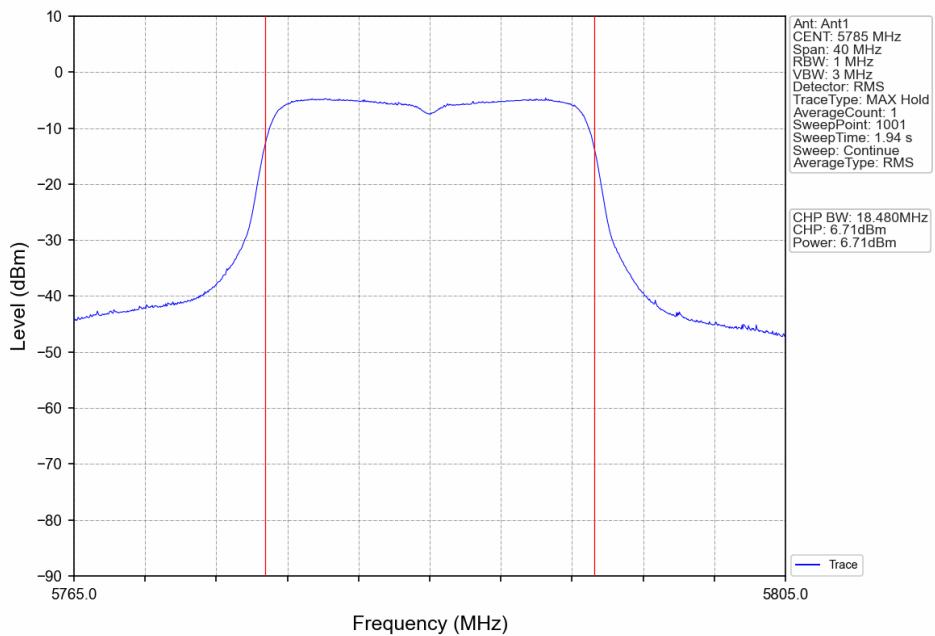
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

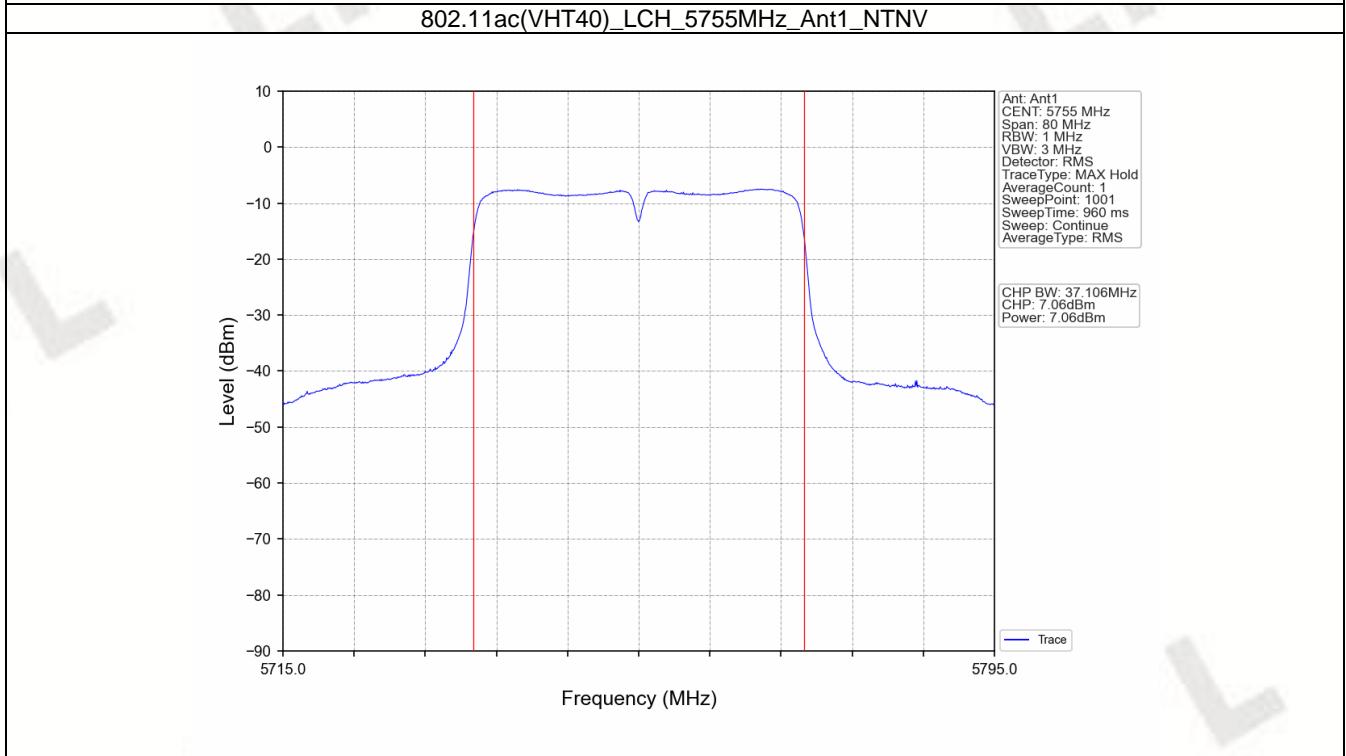
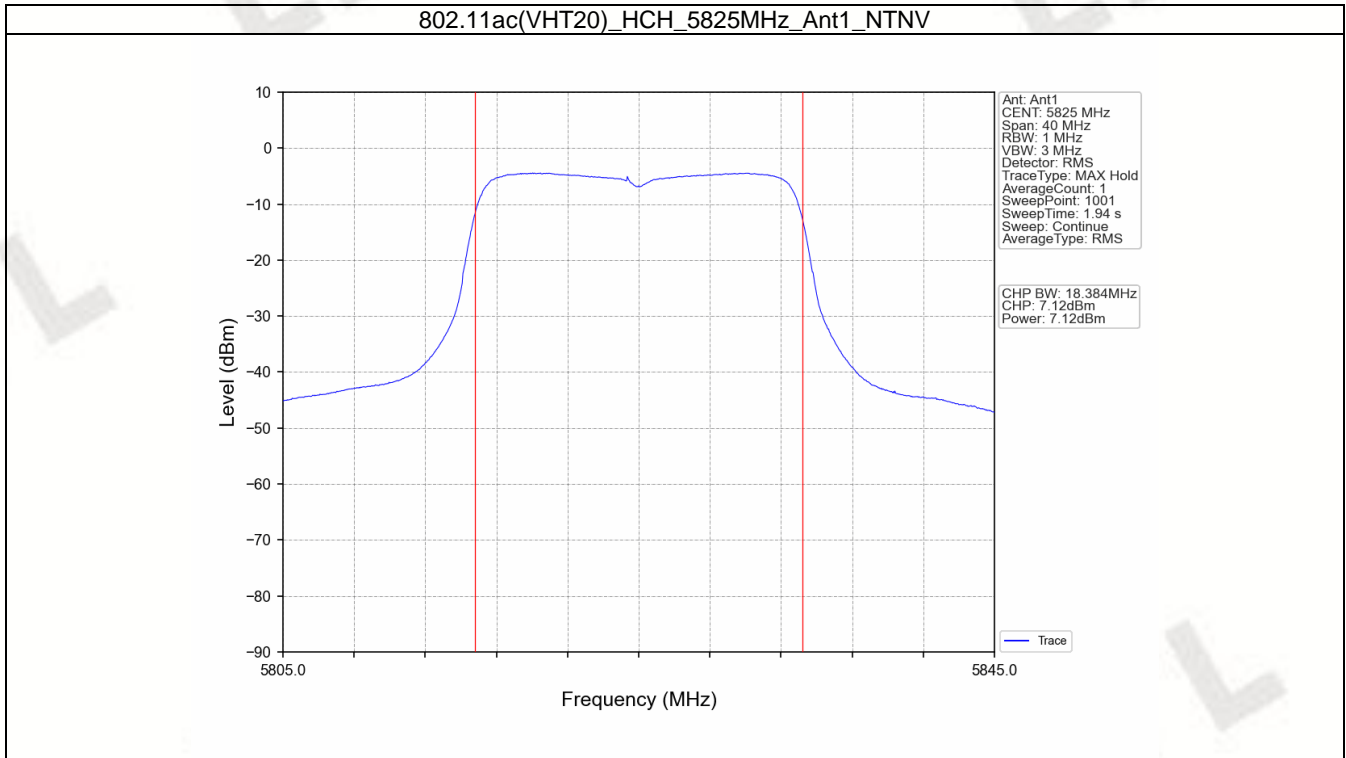


802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

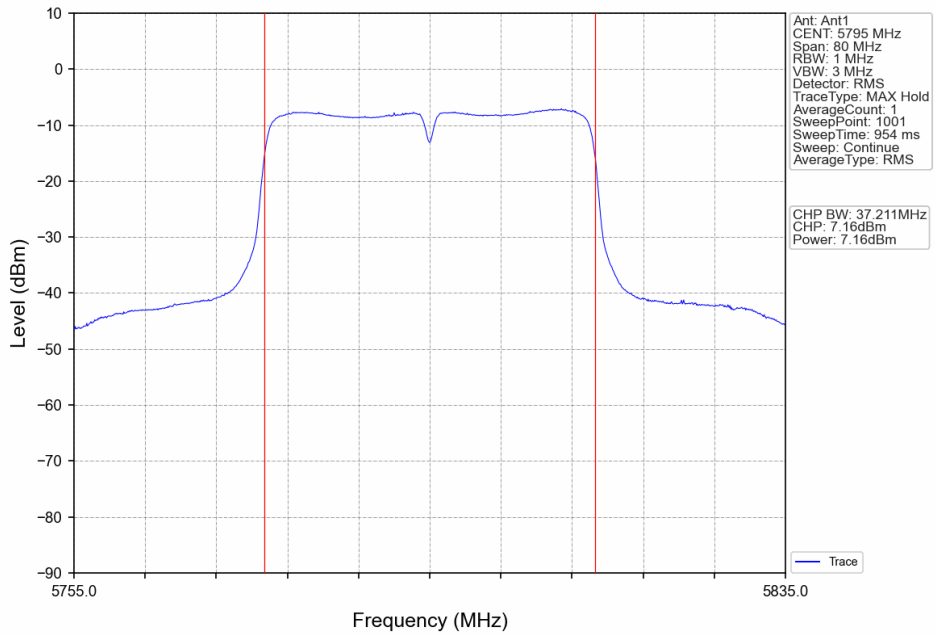


802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

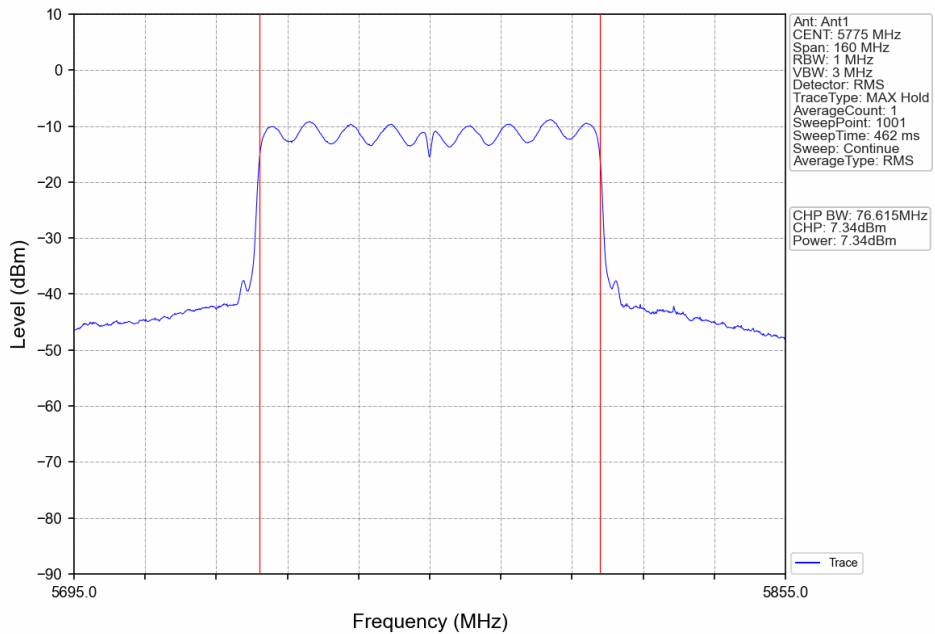




802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



3. Maximum Power Spectral Density

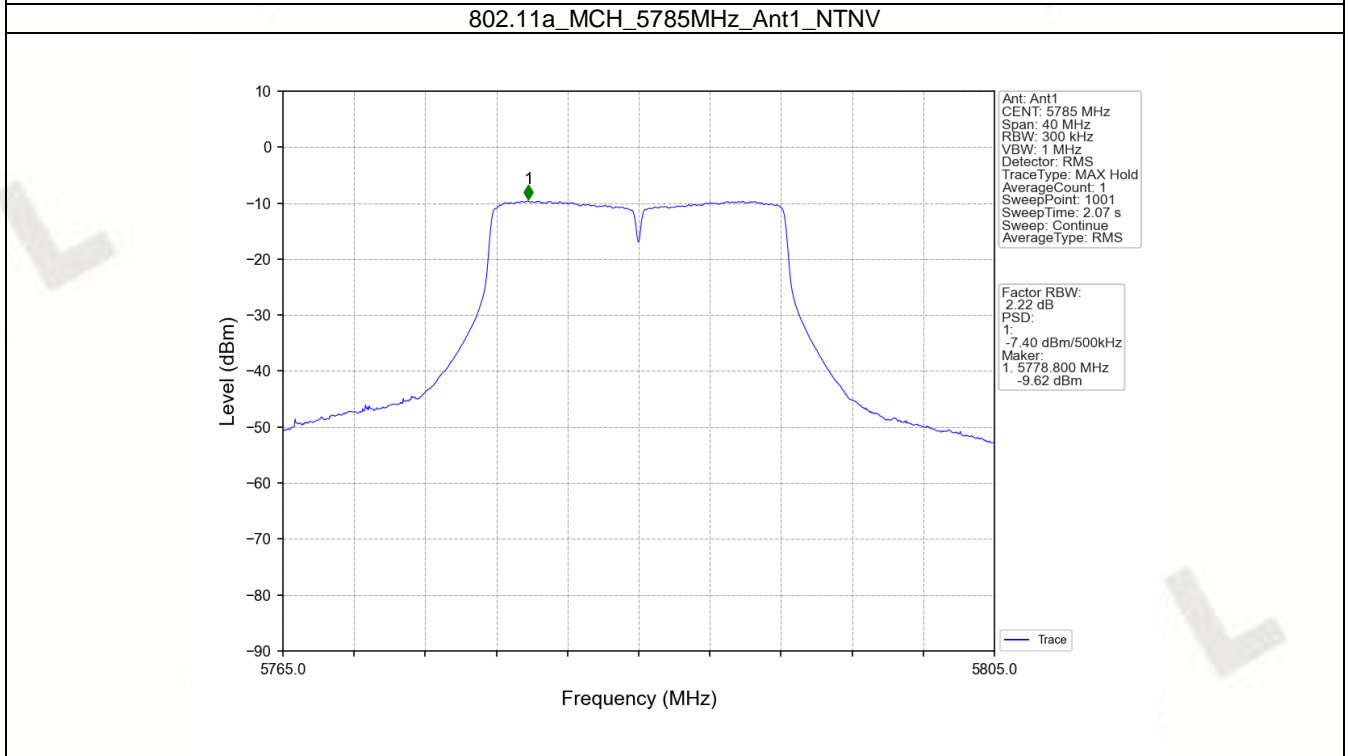
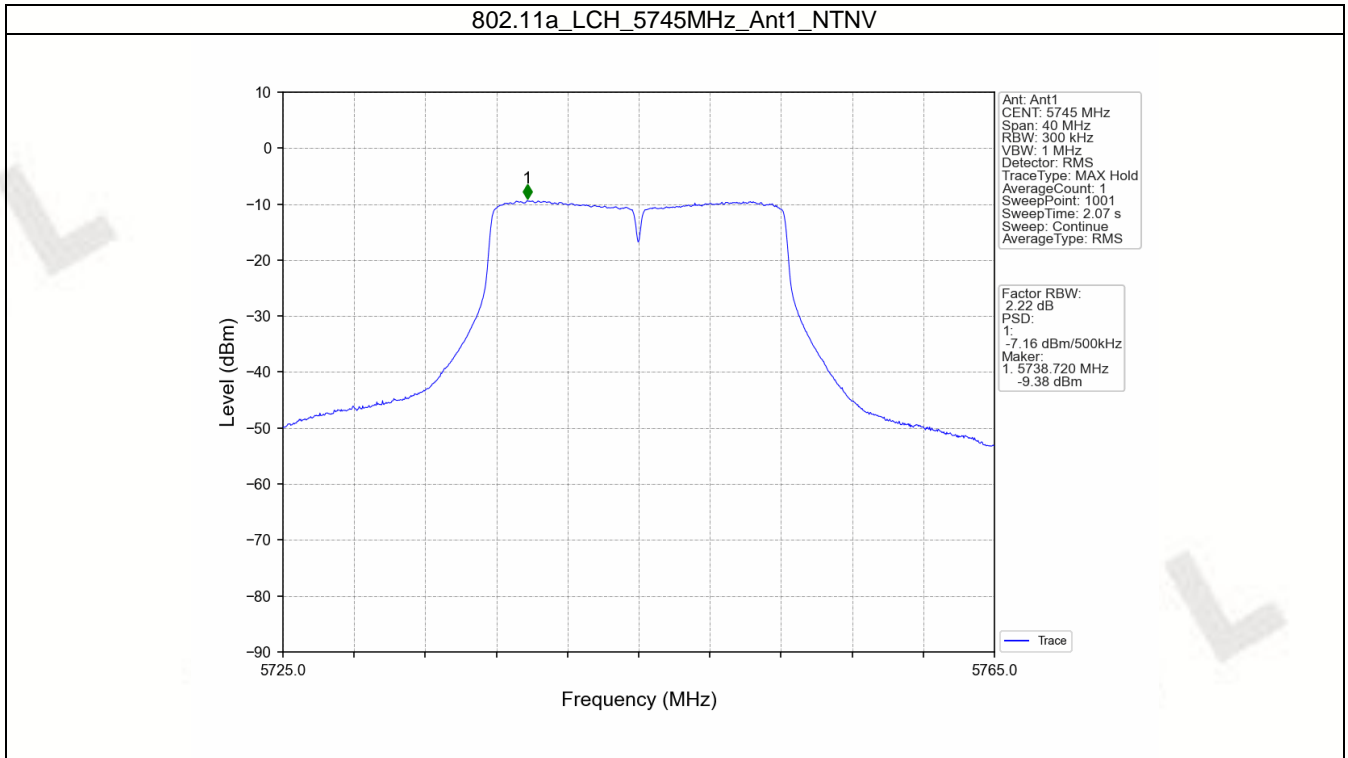
3.1 PSD-Band3

3.1.1 Test Result

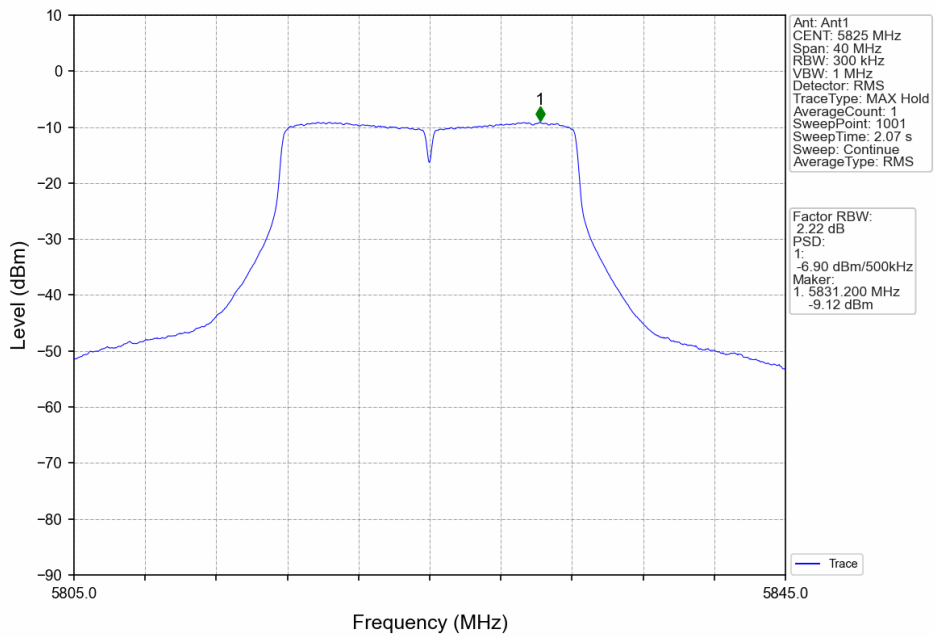
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-7.16	<=28.79	Pass
		5785	-7.40	<=28.79	Pass
		5825	-6.90	<=28.79	Pass
802.11n (HT20)	SISO	5745	-7.55	<=28.79	Pass
		5785	-7.39	<=28.79	Pass
		5825	-7.22	<=28.79	Pass
802.11n (HT40)	SISO	5755	-9.85	<=28.79	Pass
		5795	-9.86	<=28.79	Pass
802.11ac (VHT20)	SISO	5745	-7.19	<=28.79	Pass
		5785	-7.51	<=28.79	Pass
		5825	-7.20	<=28.79	Pass
802.11ac (VHT40)	SISO	5755	-10.13	<=28.79	Pass
		5795	-9.87	<=28.79	Pass
802.11ac (VHT80)	SISO	5775	-11.27	<=28.79	Pass

Note1: Antenna Gain: Ant1: 7.21dBi;

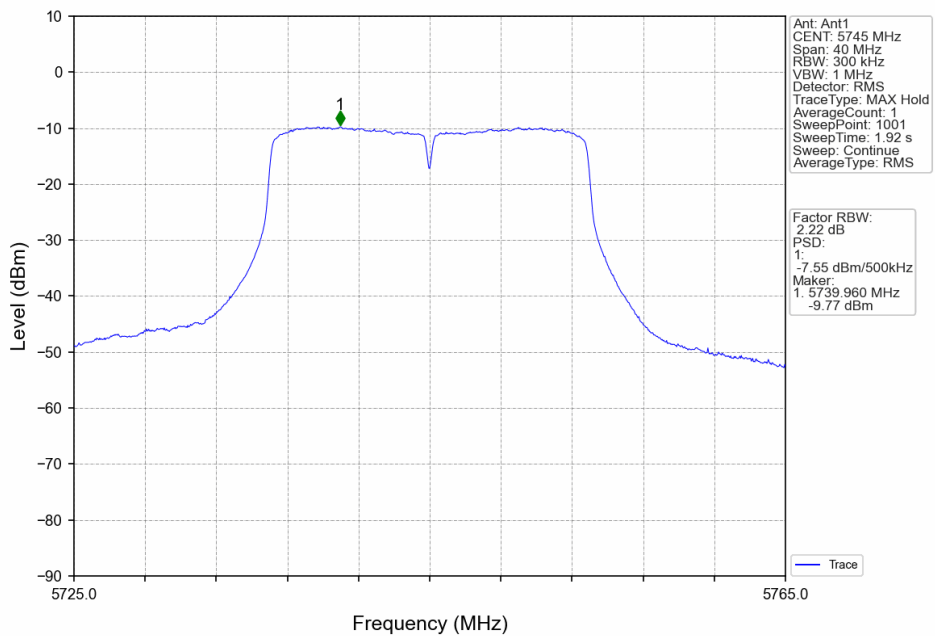
3.1.2 Test Graph



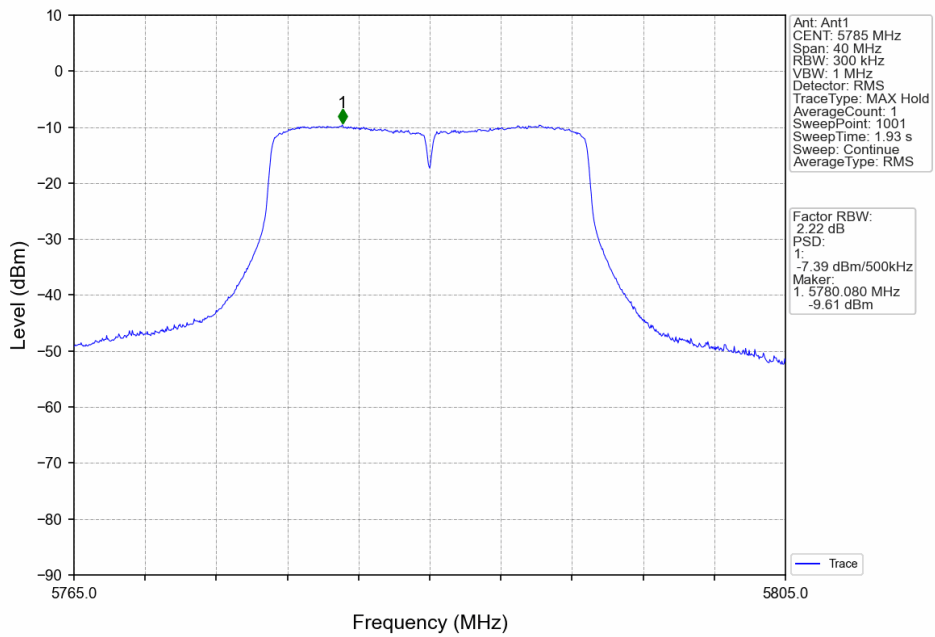
802.11a_HCH_5825MHz_Ant1_NTNV



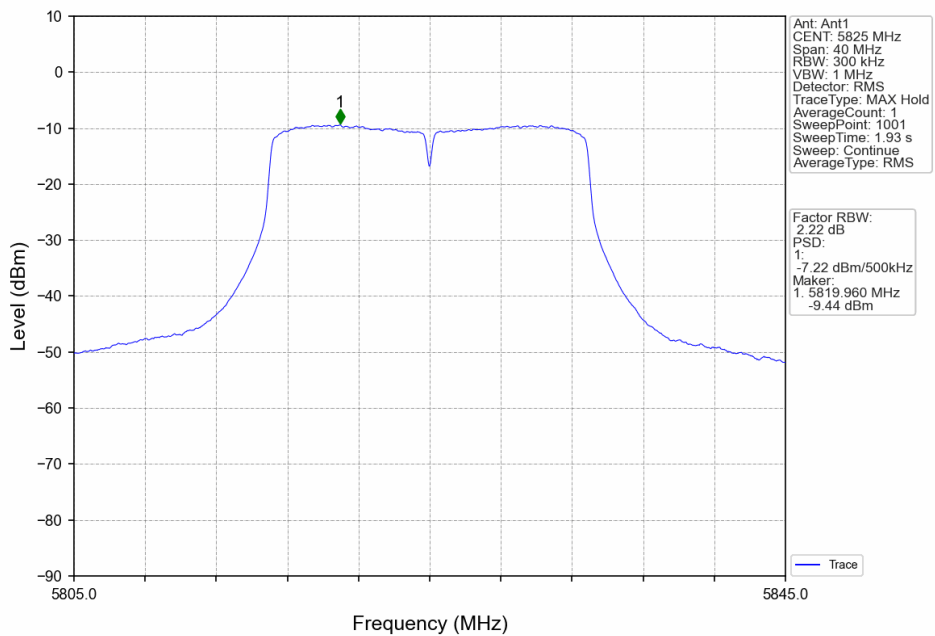
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



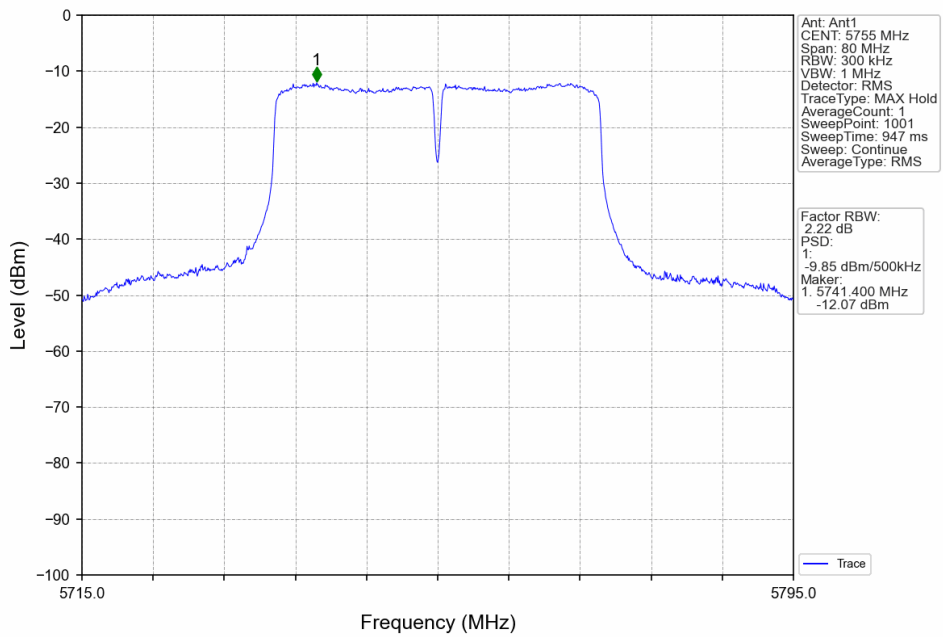
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



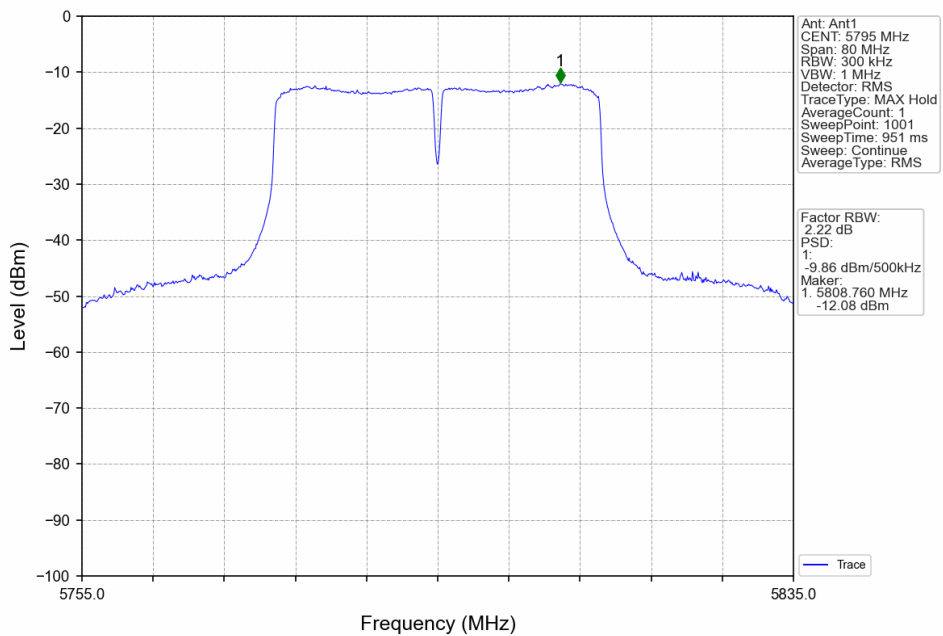
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



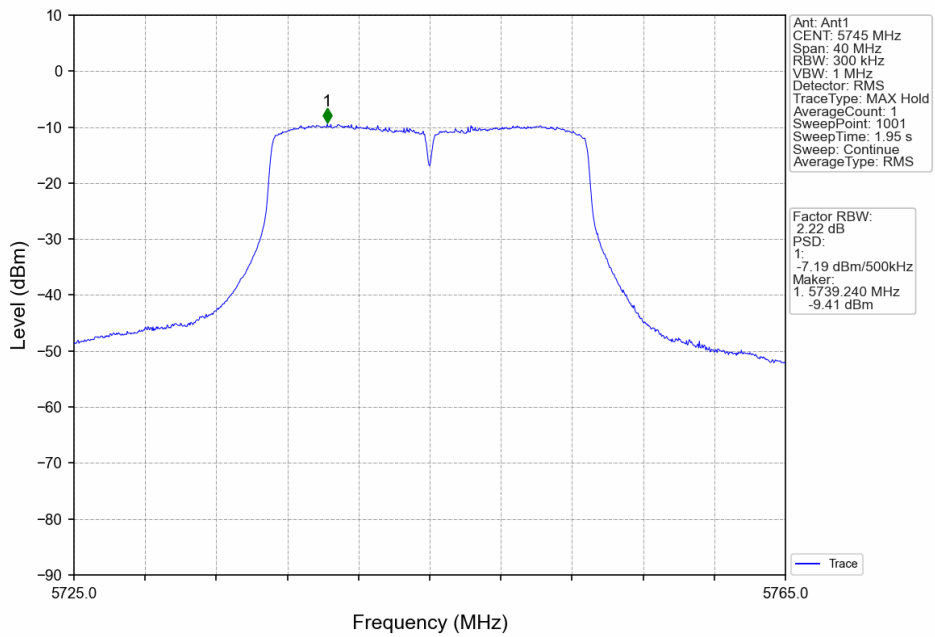
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



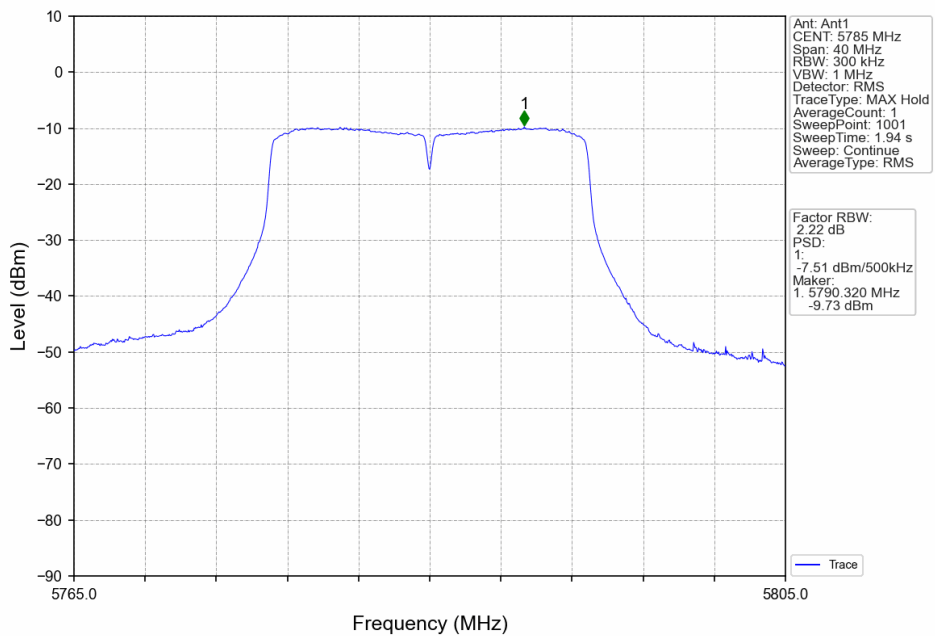
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



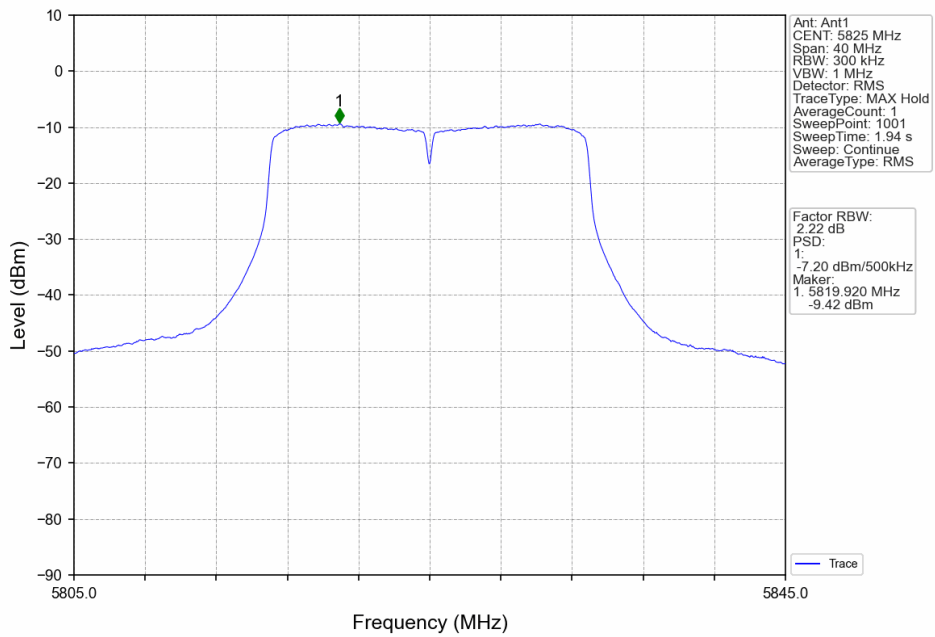
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



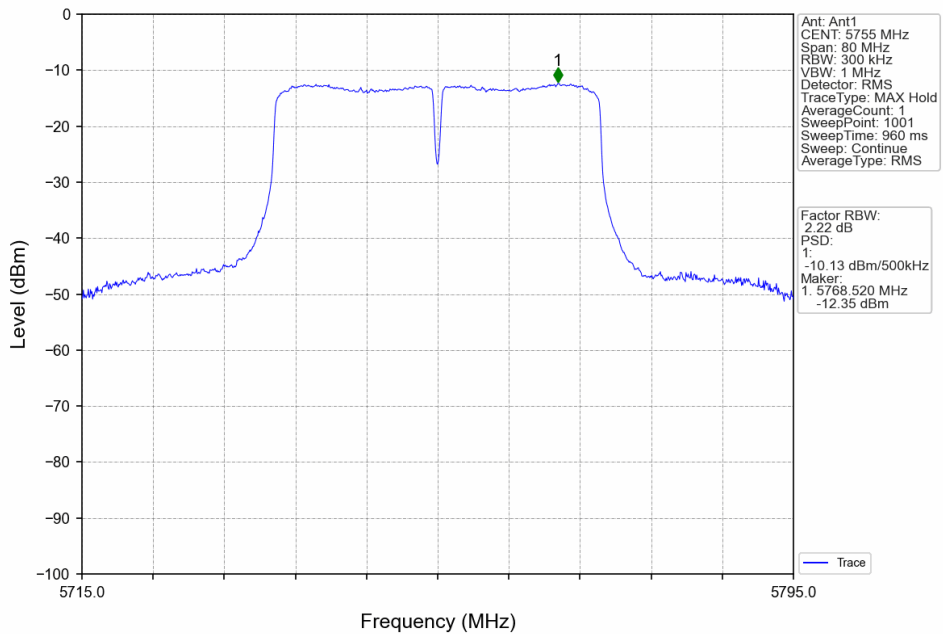
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

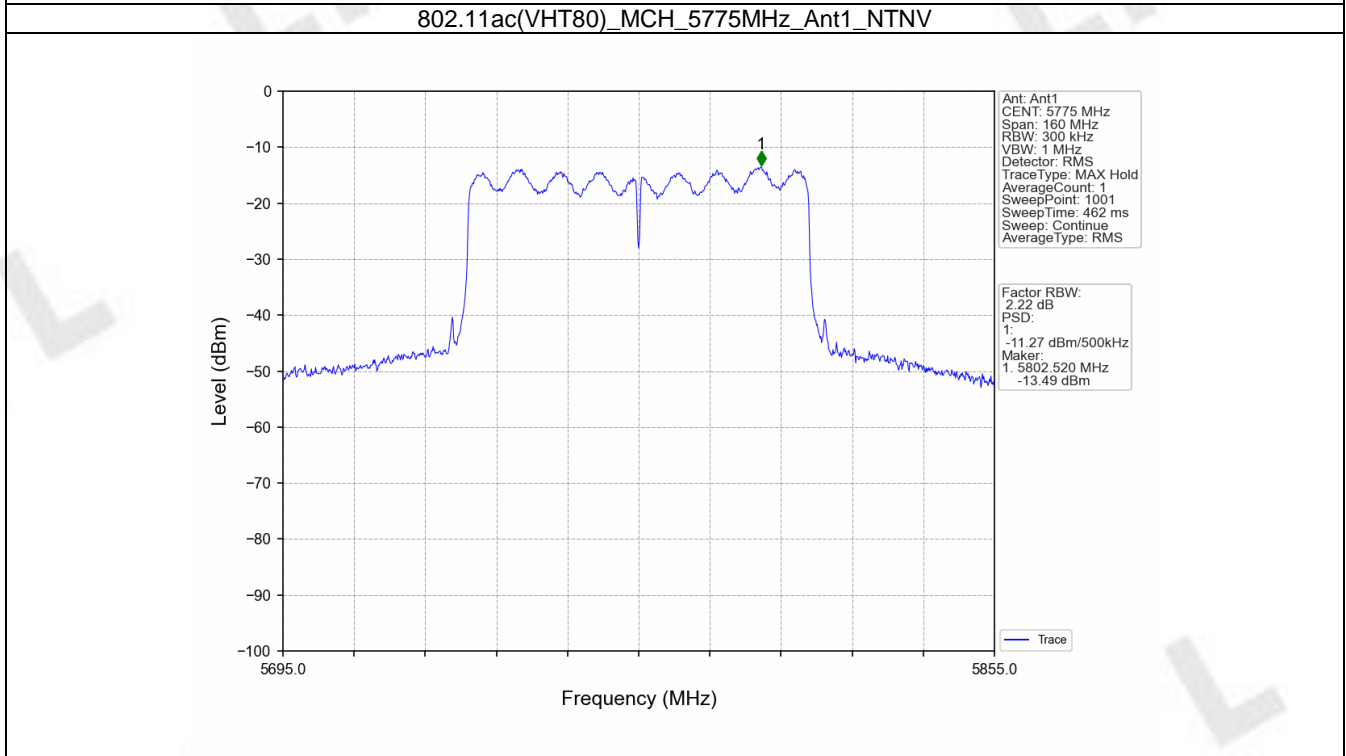
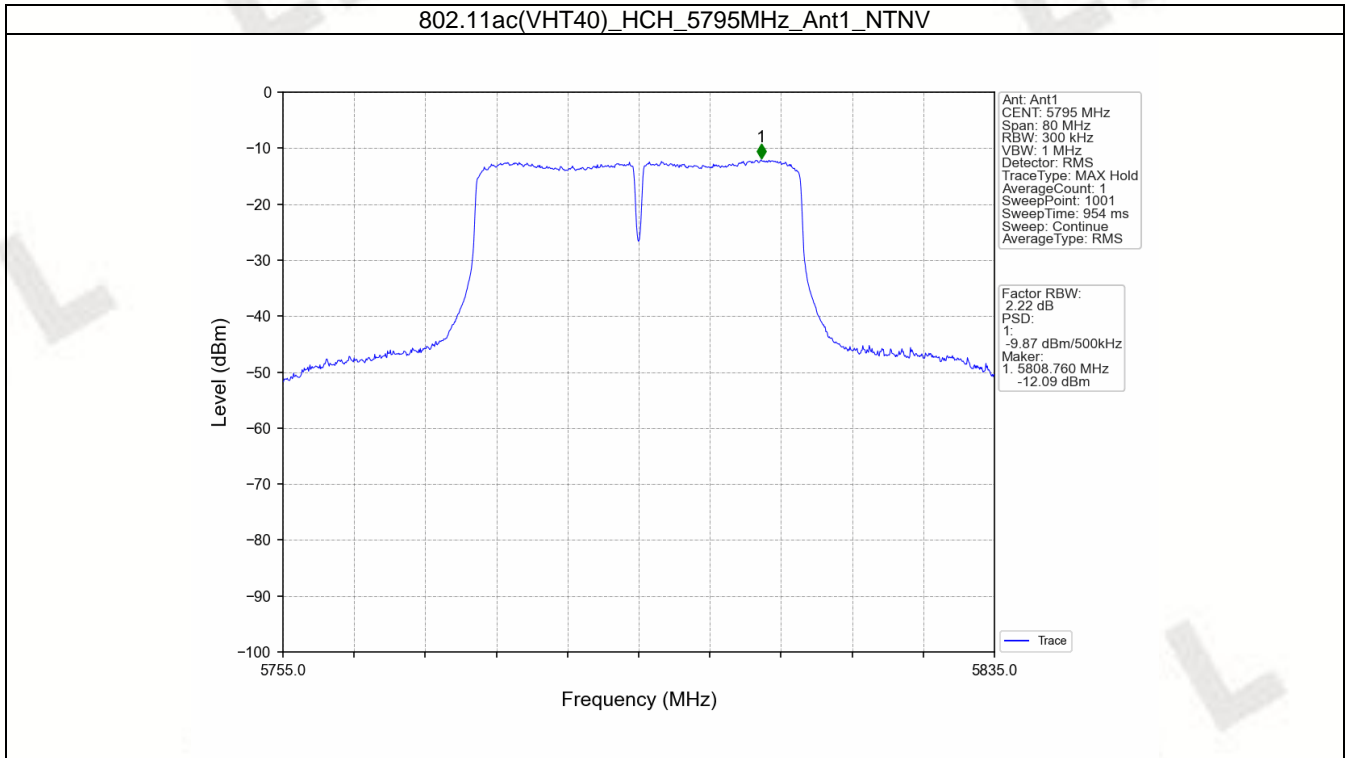


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV





4. Frequency Stability

4.1 Ant1

4.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5745	20	102	5745.002	5725 to 5850	Pass
				120	5745.005	5725 to 5850	Pass
				138	5745.008	5725 to 5850	Pass
			-30	120	5745.009	5725 to 5850	Pass
				120	5745.010	5725 to 5850	Pass
			-20	120	5745.011	5725 to 5850	Pass
				120	5745.011	5725 to 5850	Pass
			0	120	5745.012	5725 to 5850	Pass
				120	5745.013	5725 to 5850	Pass
			30	120	5745.013	5725 to 5850	Pass
		120		5745.014	5725 to 5850	Pass	
		5785	20	102	5785.002	5725 to 5850	Pass
				120	5785.006	5725 to 5850	Pass
				138	5785.008	5725 to 5850	Pass
			-30	120	5785.009	5725 to 5850	Pass
				120	5785.010	5725 to 5850	Pass
			-20	120	5785.010	5725 to 5850	Pass
				120	5785.011	5725 to 5850	Pass
			0	120	5785.011	5725 to 5850	Pass
				120	5785.012	5725 to 5850	Pass
			30	120	5785.012	5725 to 5850	Pass
		120		5785.012	5725 to 5850	Pass	
		5825	20	102	5825.003	5725 to 5850	Pass
				120	5825.005	5725 to 5850	Pass
				138	5825.007	5725 to 5850	Pass
			-30	120	5825.009	5725 to 5850	Pass
				120	5825.010	5725 to 5850	Pass
			-20	120	5825.011	5725 to 5850	Pass
				120	5825.012	5725 to 5850	Pass
			0	120	5825.012	5725 to 5850	Pass
				120	5825.013	5725 to 5850	Pass
			30	120	5825.013	5725 to 5850	Pass
		120		5825.013	5725 to 5850	Pass	
		5755	20	102	5754.996	5725 to 5850	Pass
				120	5755.000	5725 to 5850	Pass
				138	5755.003	5725 to 5850	Pass
			-30	120	5755.005	5725 to 5850	Pass
				120	5755.007	5725 to 5850	Pass
			-20	120	5755.008	5725 to 5850	Pass
				120	5755.009	5725 to 5850	Pass
			0	120	5755.010	5725 to 5850	Pass
				120	5755.011	5725 to 5850	Pass
			30	120	5755.012	5725 to 5850	Pass
		120		5755.012	5725 to 5850	Pass	
		5795	20	102	5795.003	5725 to 5850	Pass
120	5795.006			5725 to 5850	Pass		
138	5795.008			5725 to 5850	Pass		
-30	120		5795.009	5725 to 5850	Pass		
	120		5795.010	5725 to 5850	Pass		

			-10	120	5795.011	5725 to 5850	Pass	
			0	120	5795.011	5725 to 5850	Pass	
			10	120	5795.012	5725 to 5850	Pass	
			30	120	5795.012	5725 to 5850	Pass	
			40	120	5795.012	5725 to 5850	Pass	
		5775	20	50	120	5795.013	5725 to 5850	Pass
				102	120	5775.000	5725 to 5850	Pass
				120	138	5775.004	5725 to 5850	Pass
			-30	120	5775.006	5725 to 5850	Pass	
				120	5775.008	5725 to 5850	Pass	
				120	5775.009	5725 to 5850	Pass	
				120	5775.011	5725 to 5850	Pass	
				120	5775.012	5725 to 5850	Pass	
				120	5775.013	5725 to 5850	Pass	
				120	5775.014	5725 to 5850	Pass	
				120	5775.014	5725 to 5850	Pass	
				120	5775.014	5725 to 5850	Pass	
				120	5775.015	5725 to 5850	Pass	
				120	5775.015	5725 to 5850	Pass	