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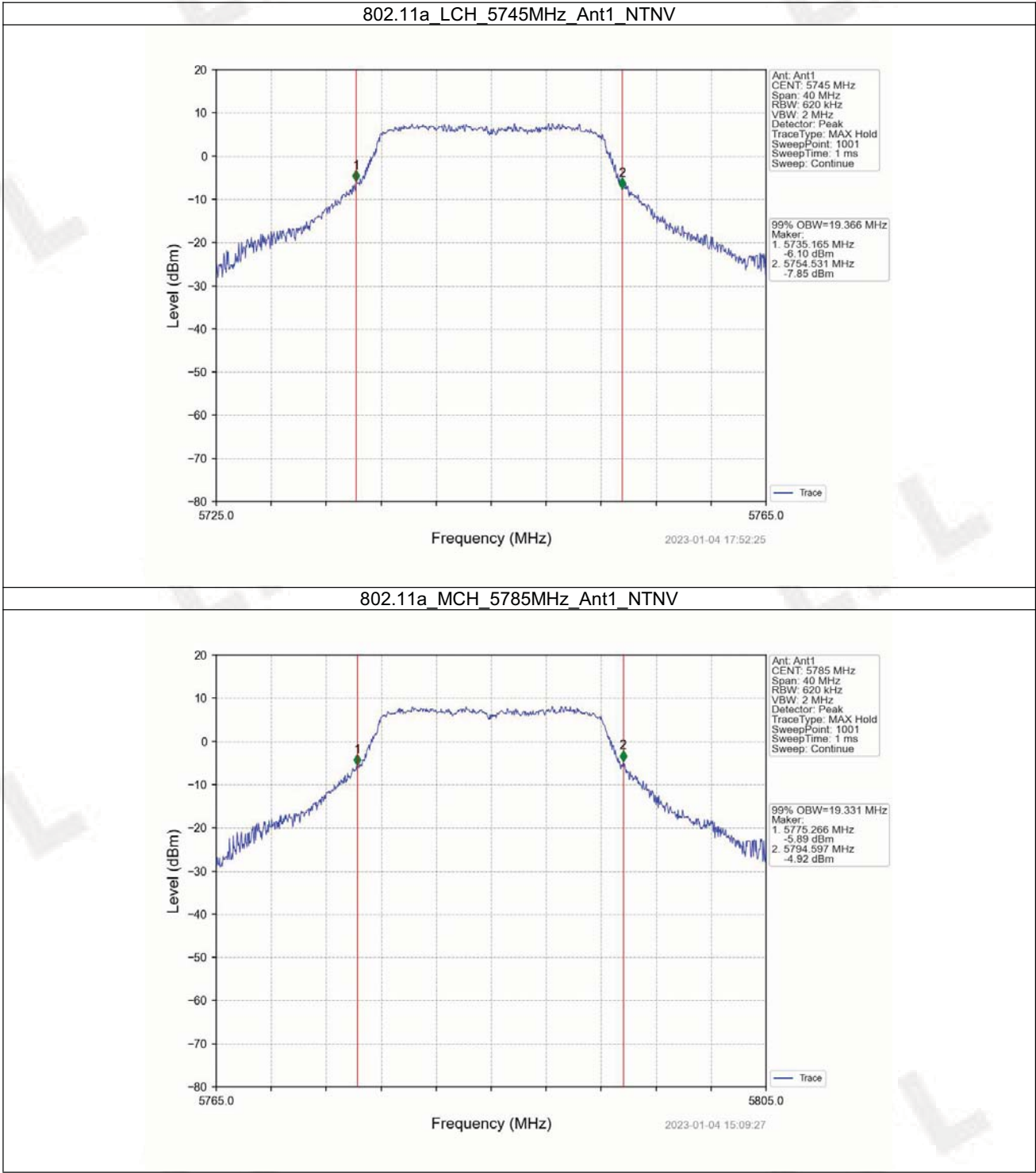
1. Bandwidth

1.1 OBW

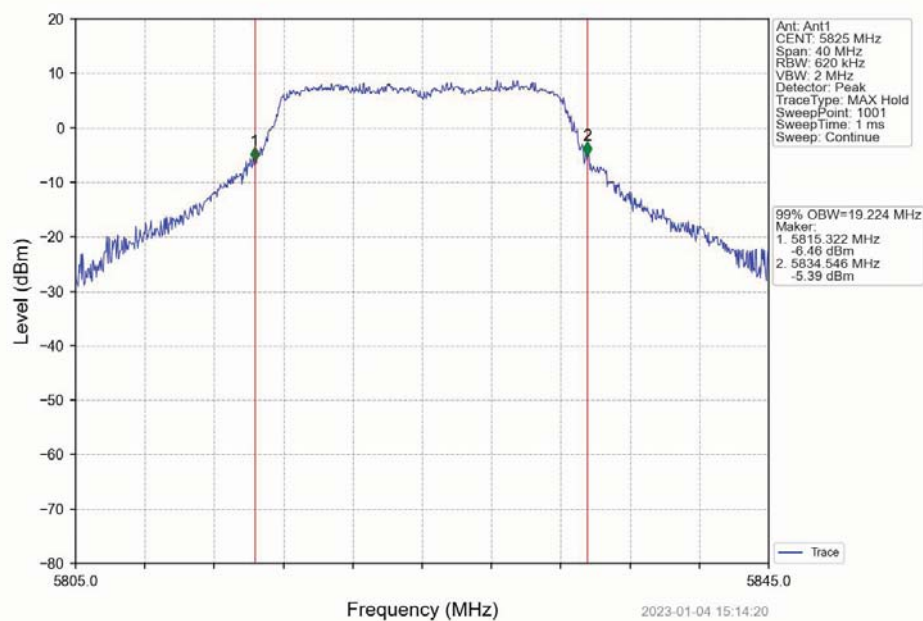
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5745	1	19.366	Pass
		5785	1	19.331	Pass
		5825	1	19.224	Pass
802.11n (HT20)	SISO	5745	1	20.078	Pass
		5785	1	20.041	Pass
		5825	1	20.318	Pass
802.11n (HT40)	SISO	5755	1	38.556	Pass
		5795	1	38.449	Pass
802.11ac (VHT20)	SISO	5745	1	20.439	Pass
		5785	1	20.225	Pass
		5825	1	20.345	Pass
802.11ac (VHT40)	SISO	5755	1	38.645	Pass
		5795	1	38.567	Pass

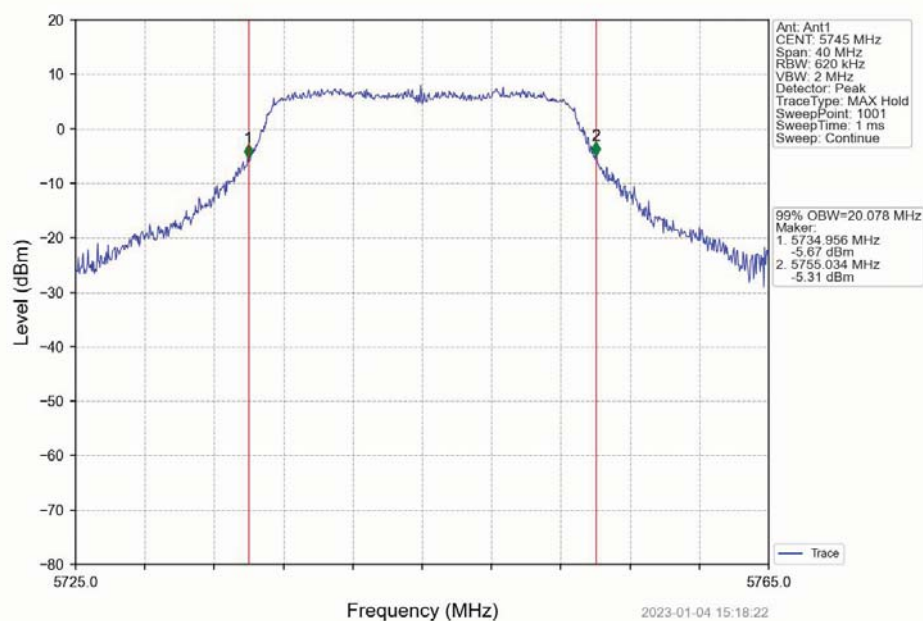
1.1.2 Test Graph



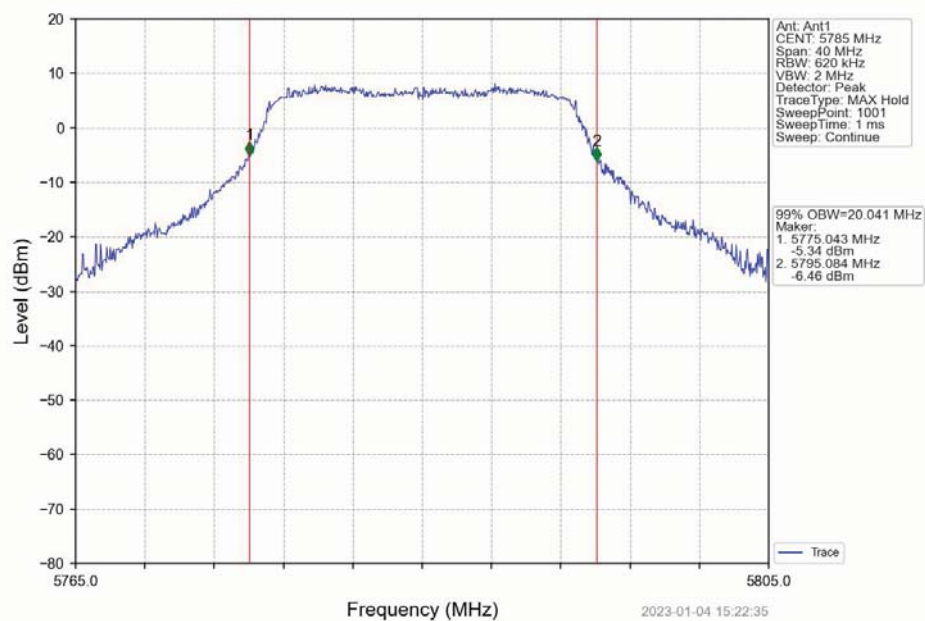
802.11a_HCH_5825MHz_Ant1_NTNV



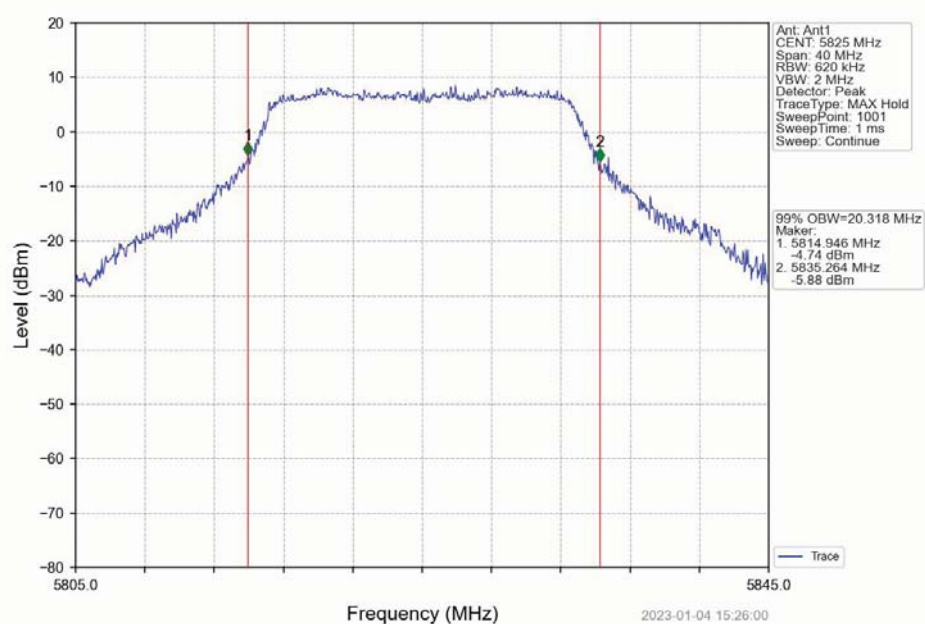
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



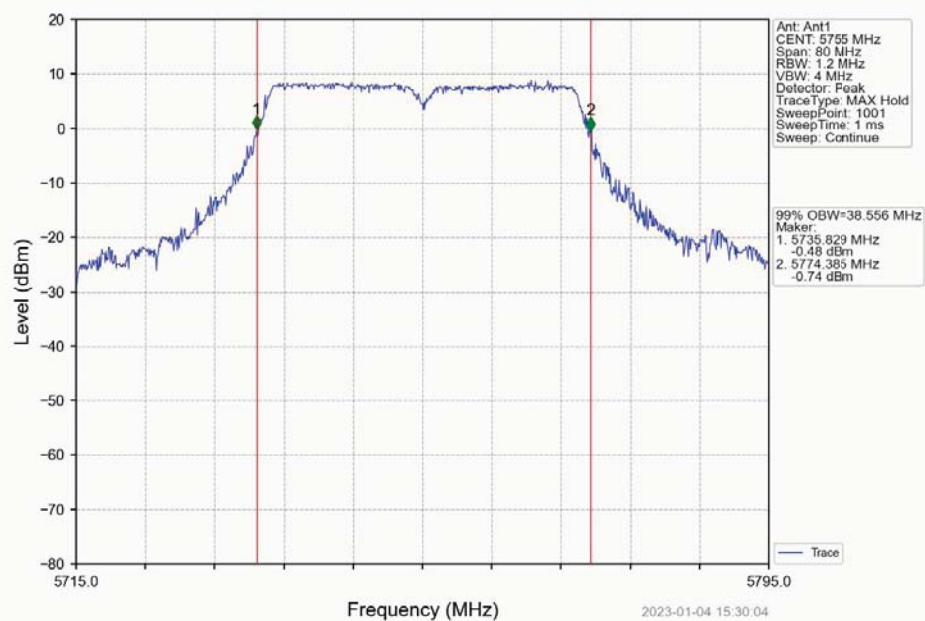
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



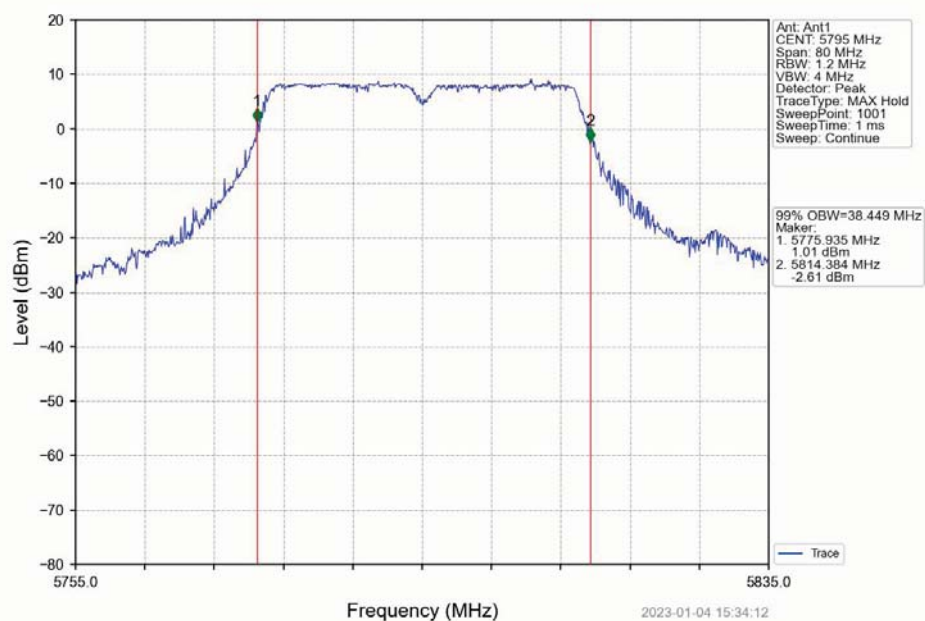
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



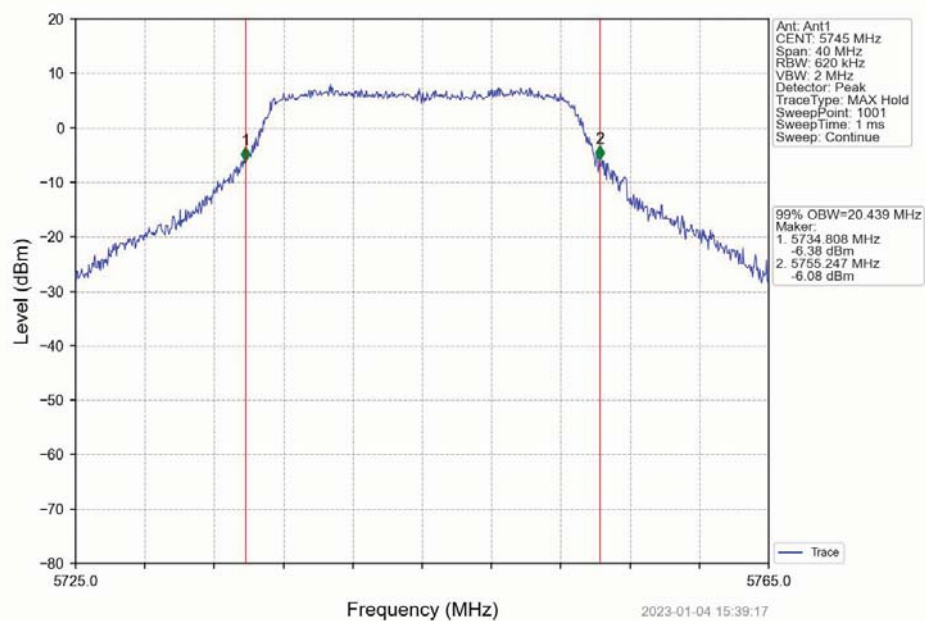
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



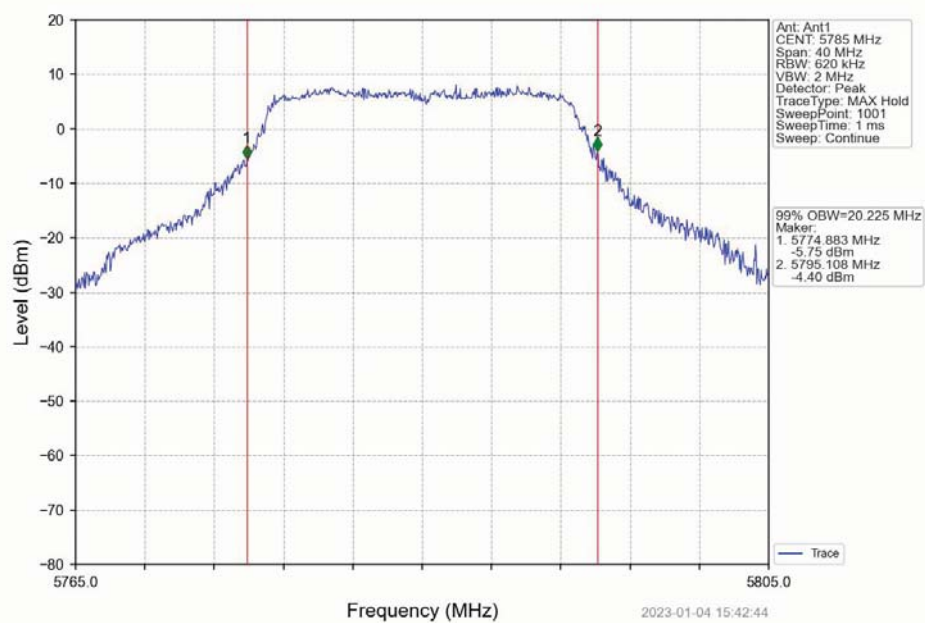
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



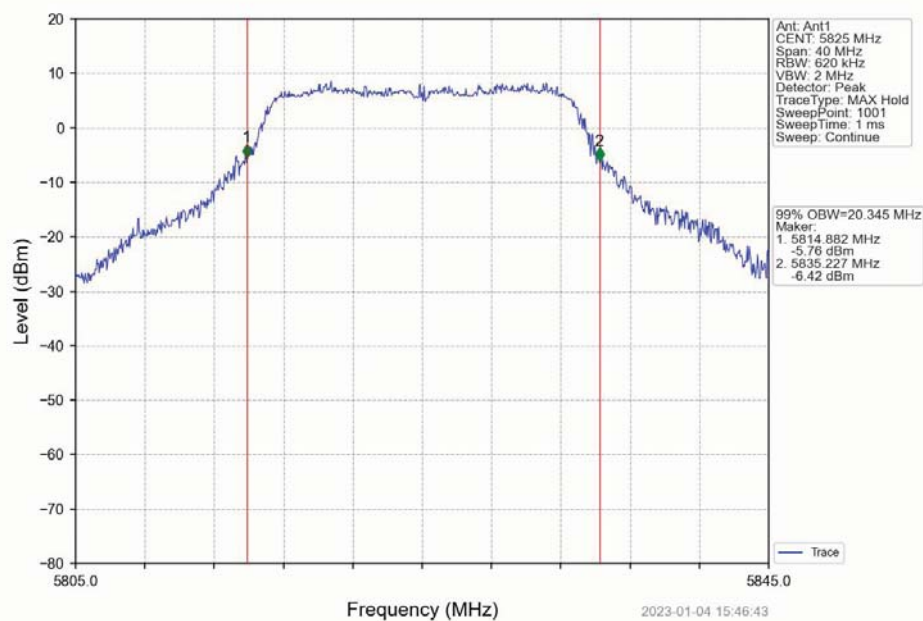
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



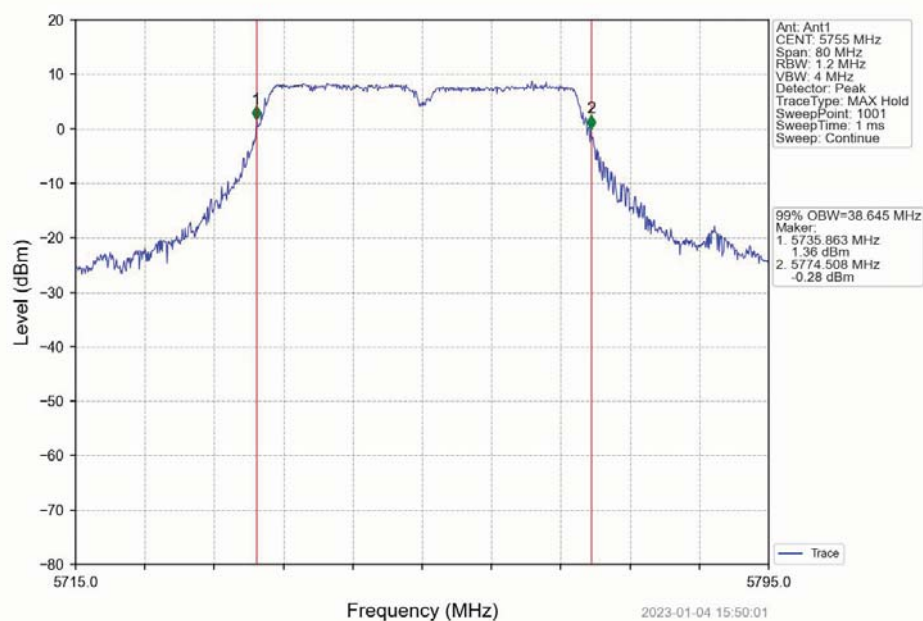
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

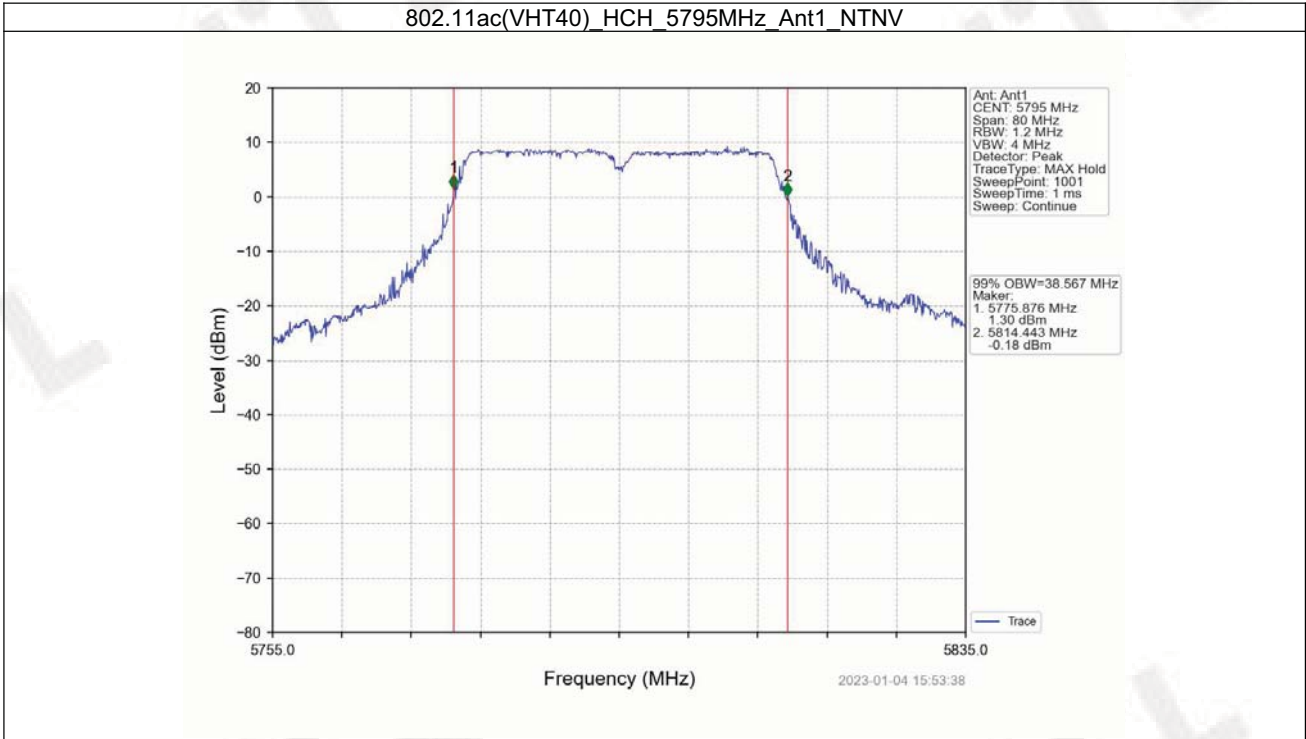


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



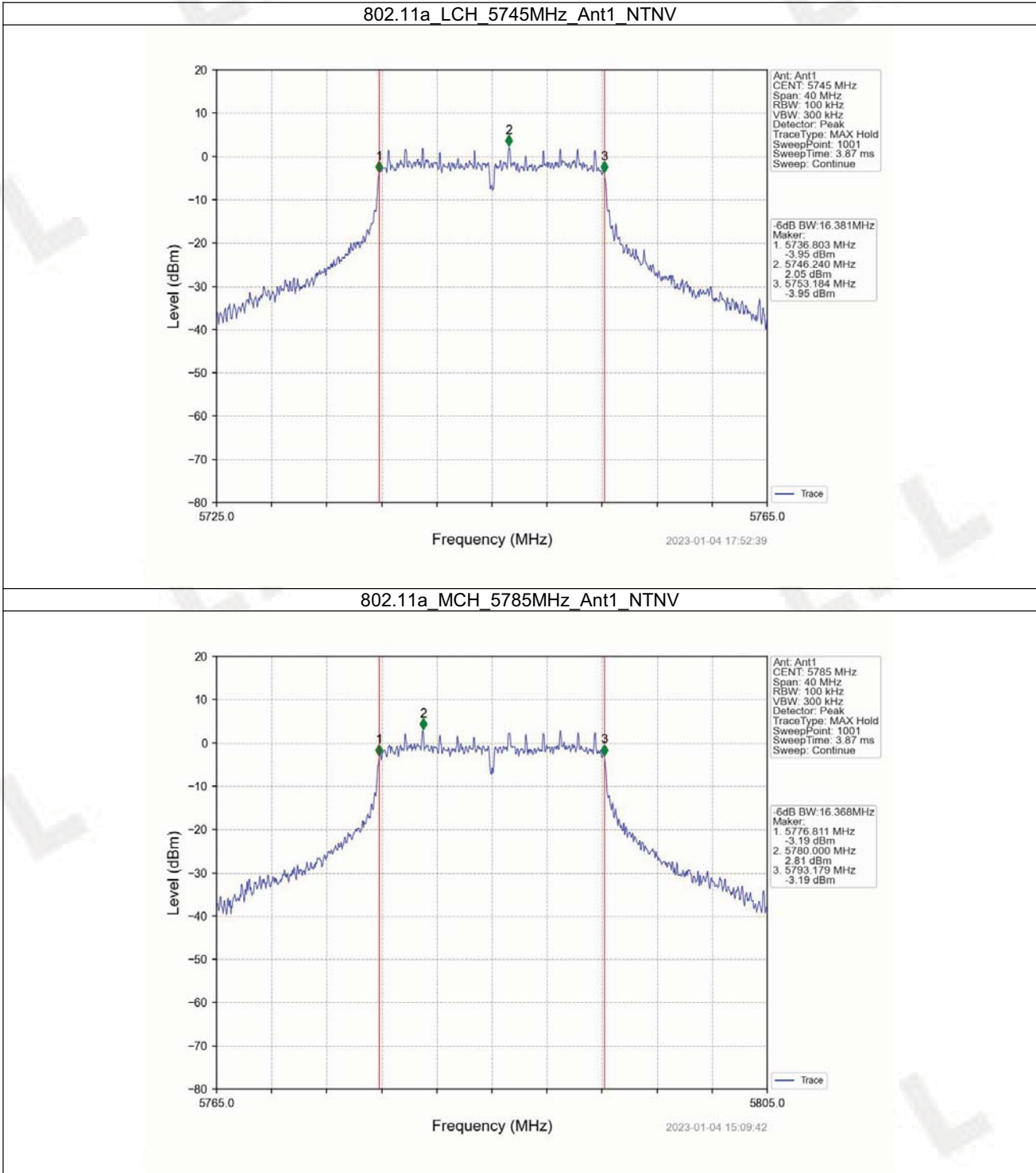


1.2 6dB BW

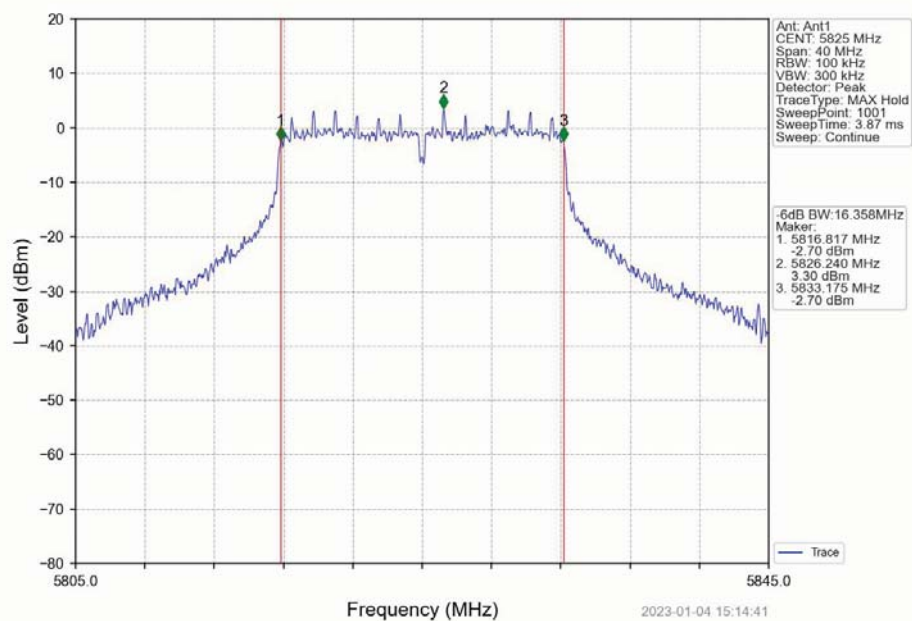
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.381	≥ 0.5	Pass
		5785	1	16.368	≥ 0.5	Pass
		5825	1	16.358	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	17.609	≥ 0.5	Pass
		5785	1	17.616	≥ 0.5	Pass
		5825	1	17.621	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	36.352	≥ 0.5	Pass
		5795	1	36.354	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.618	≥ 0.5	Pass
		5785	1	17.608	≥ 0.5	Pass
		5825	1	17.632	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	1	36.343	≥ 0.5	Pass
		5795	1	36.339	≥ 0.5	Pass

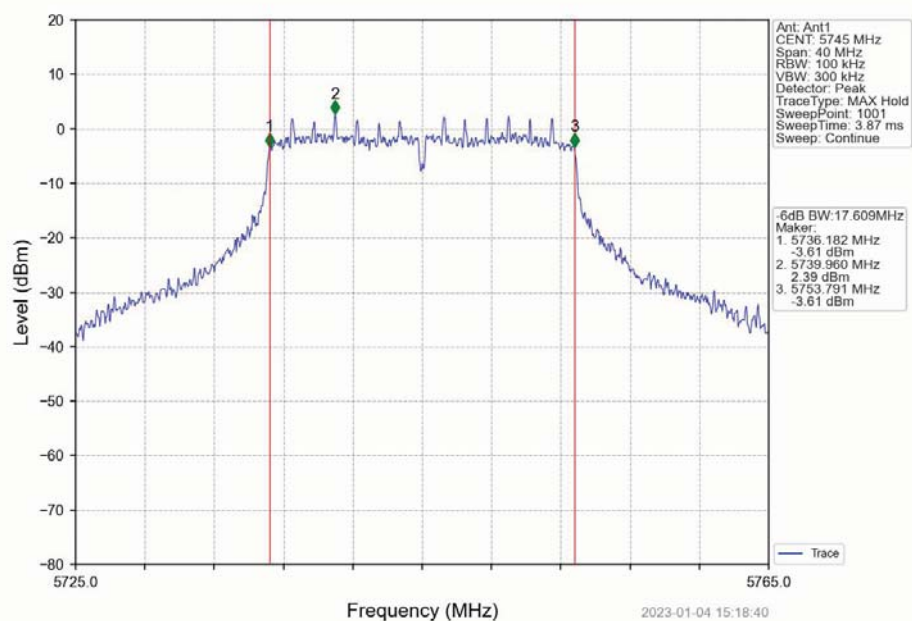
1.2.2 Test Graph



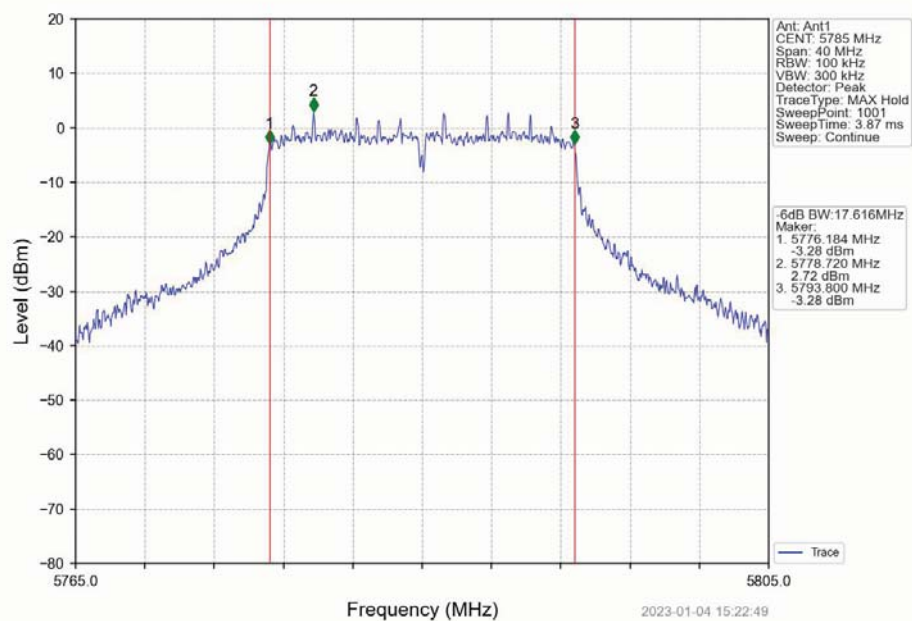
802.11a_HCH_5825MHz_Ant1_NTNV



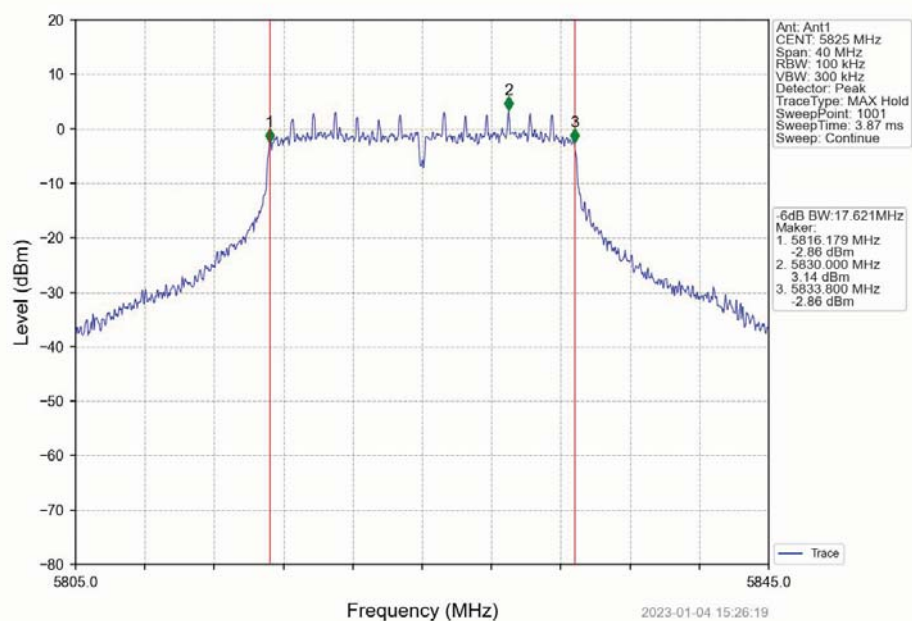
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



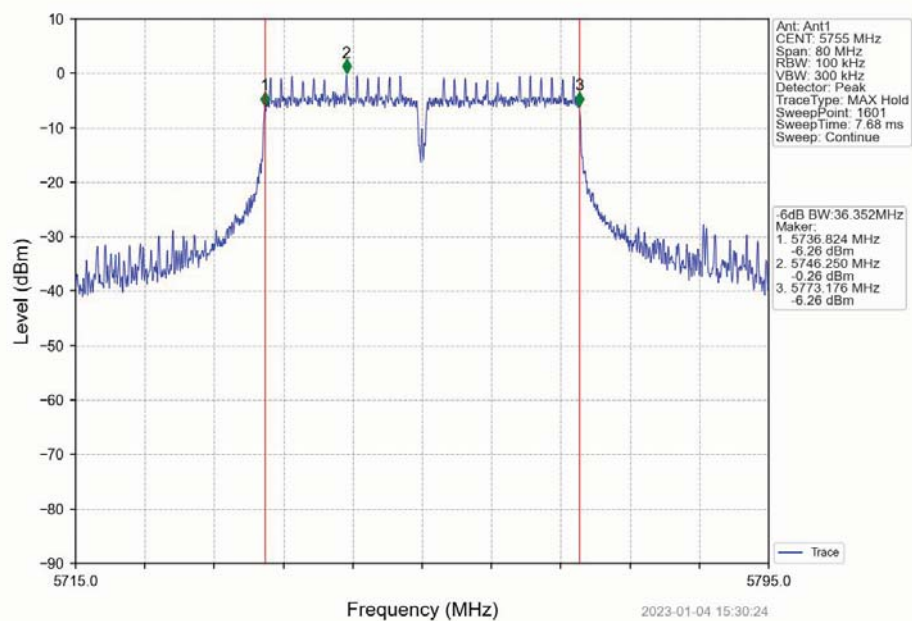
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



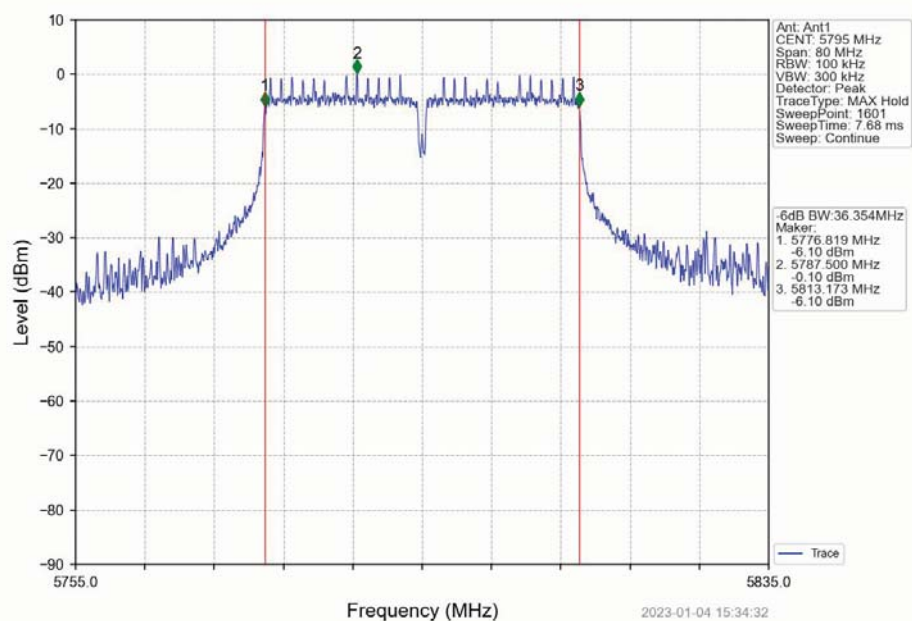
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



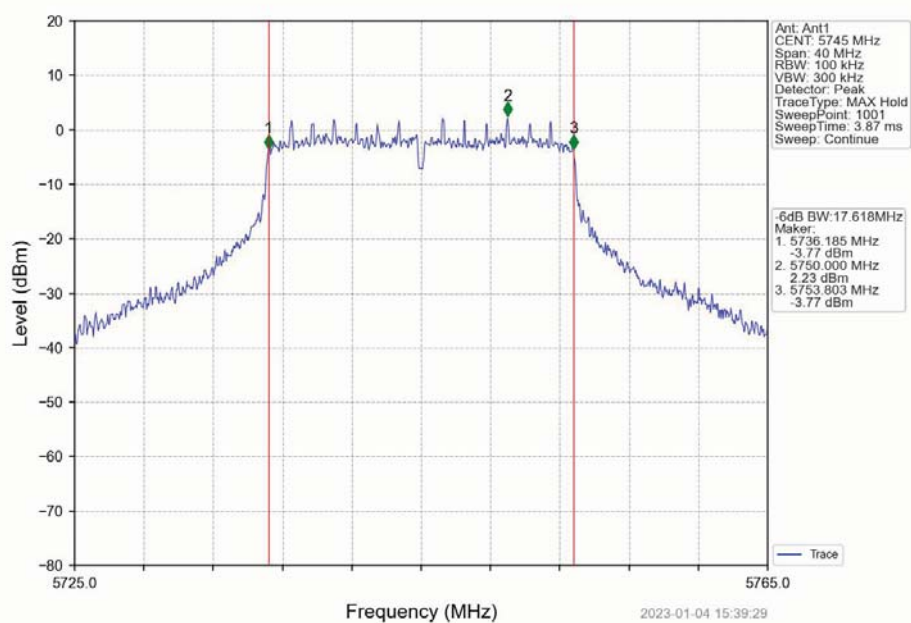
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



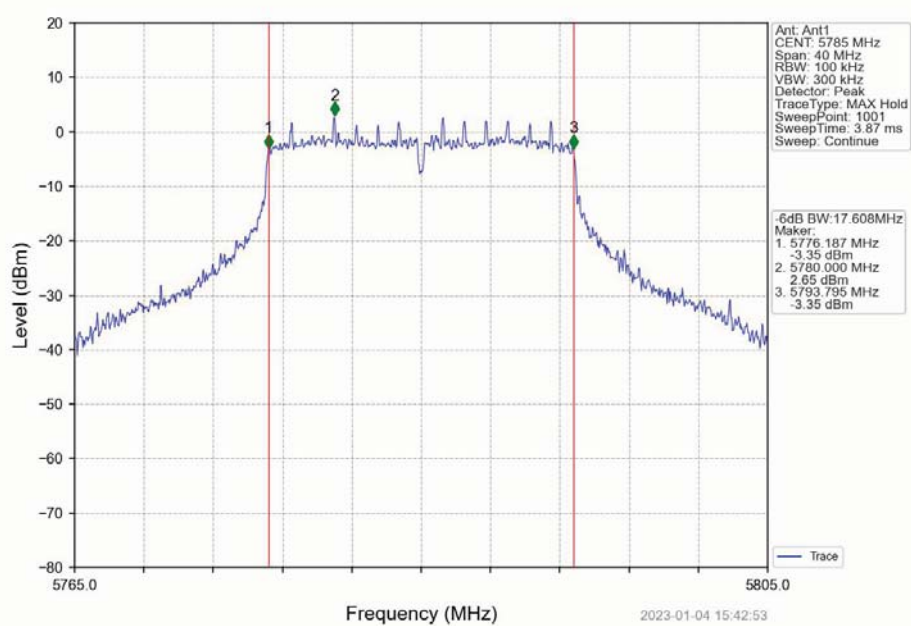
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



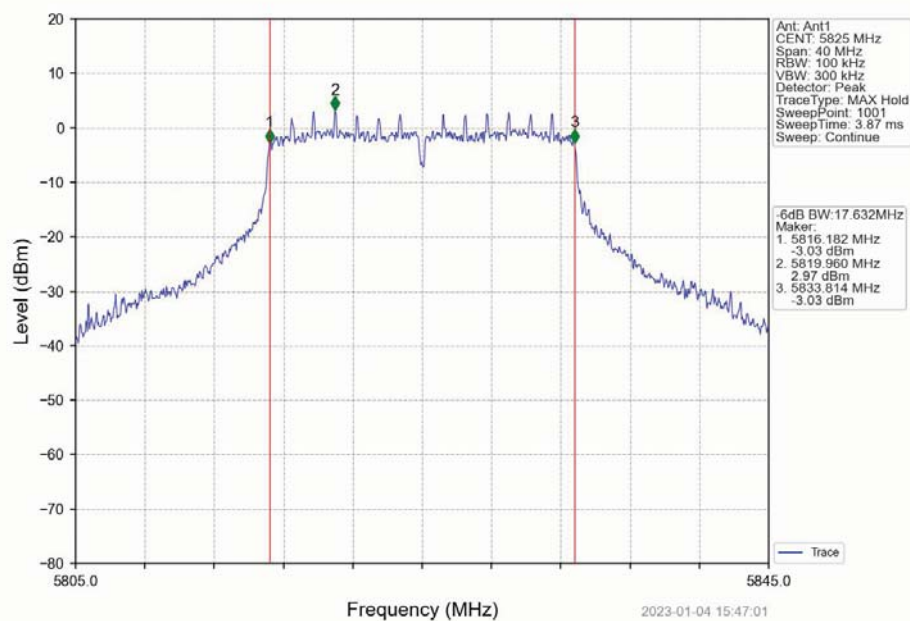
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



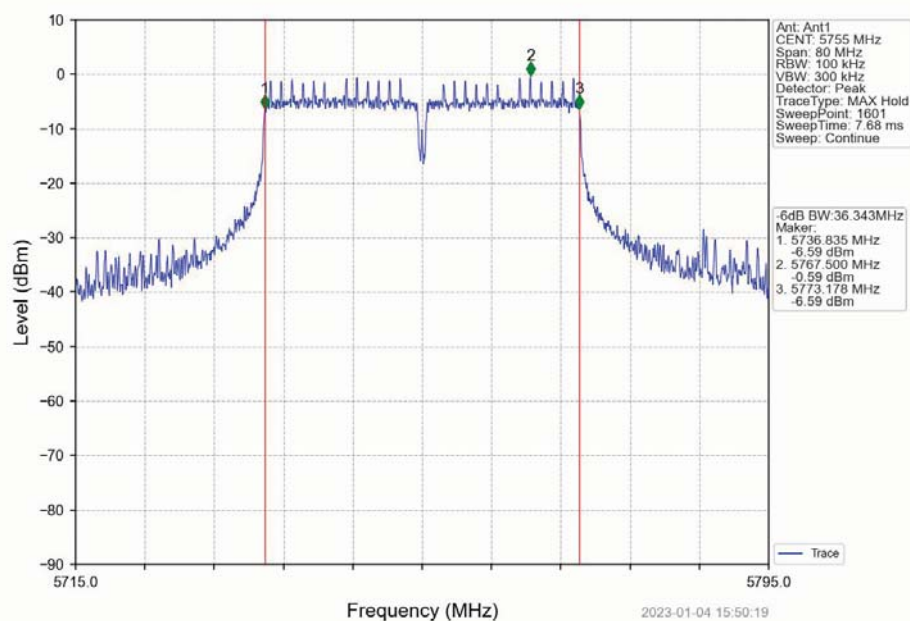
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

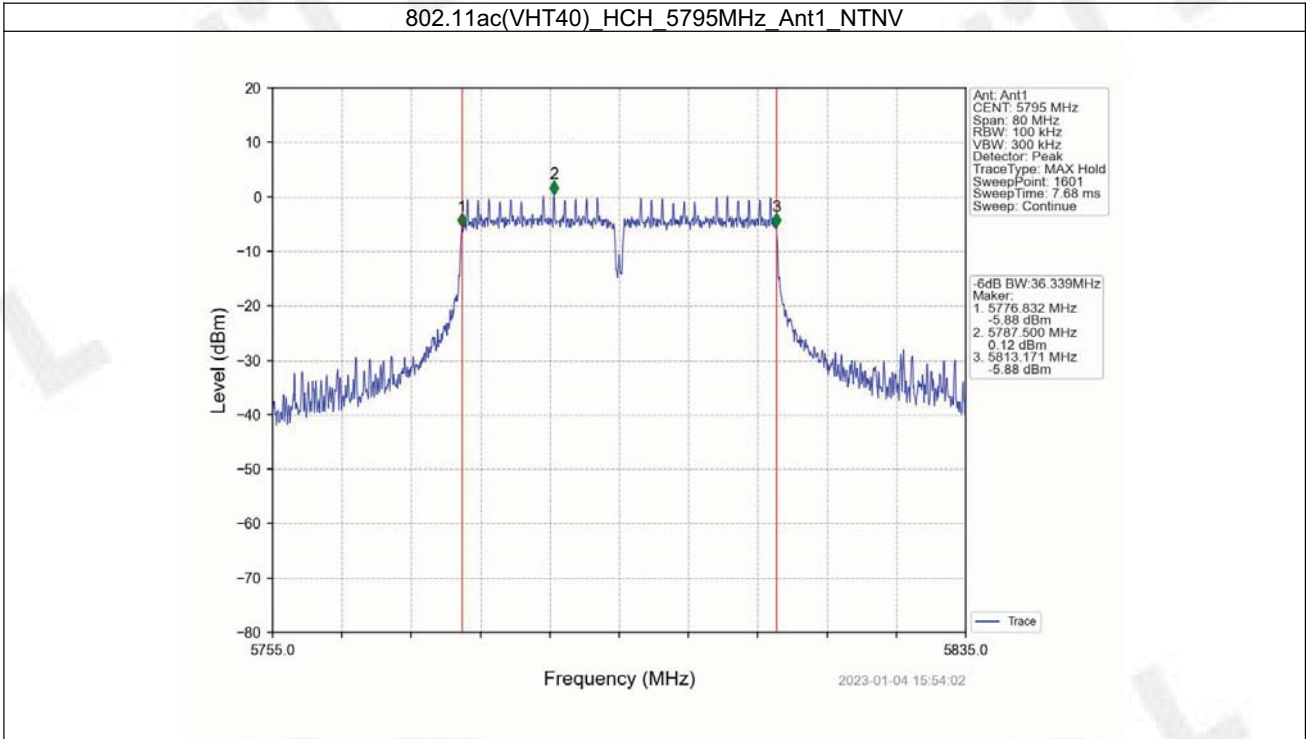


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV





2. Maximum Conducted Output Power

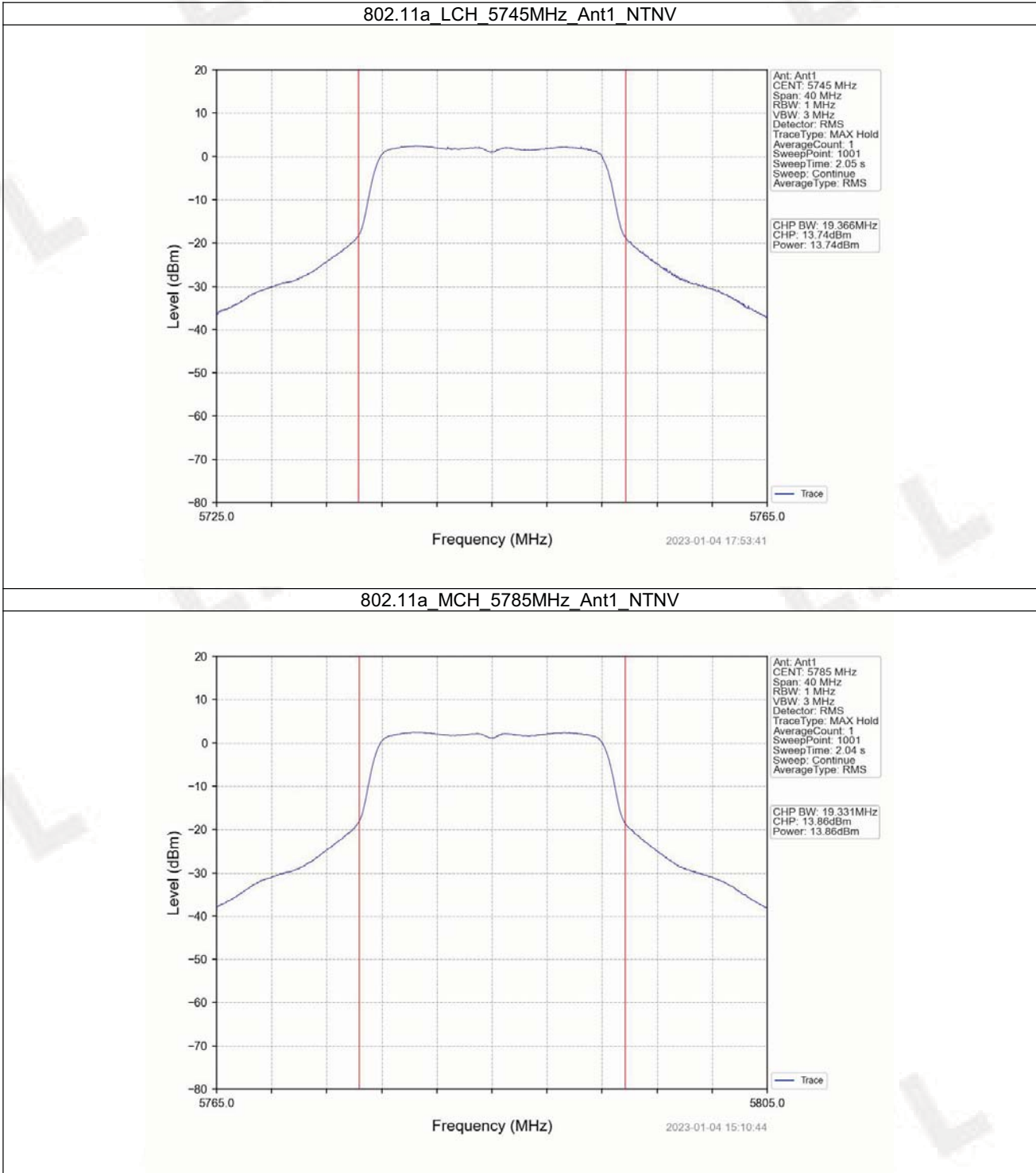
2.1 Power

2.1.1 Test Result

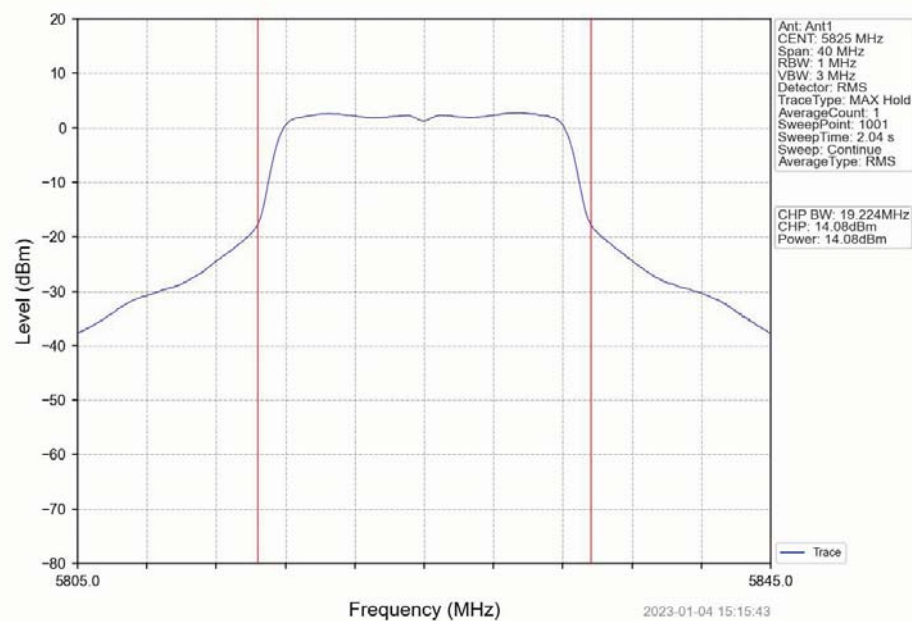
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	13.74	<=30	Pass
		5785	13.86	<=30	Pass
		5825	14.08	<=30	Pass
802.11n (HT20)	SISO	5745	13.75	<=30	Pass
		5785	13.85	<=30	Pass
		5825	14.04	<=30	Pass
802.11n (HT40)	SISO	5755	13.80	<=30	Pass
		5795	13.79	<=30	Pass
802.11ac (VHT20)	SISO	5745	13.68	<=30	Pass
		5785	13.77	<=30	Pass
		5825	14.03	<=30	Pass
802.11ac (VHT40)	SISO	5755	13.68	<=30	Pass
		5795	14.00	<=30	Pass

Note1: Antenna Gain: Ant1: 4.53dBi;

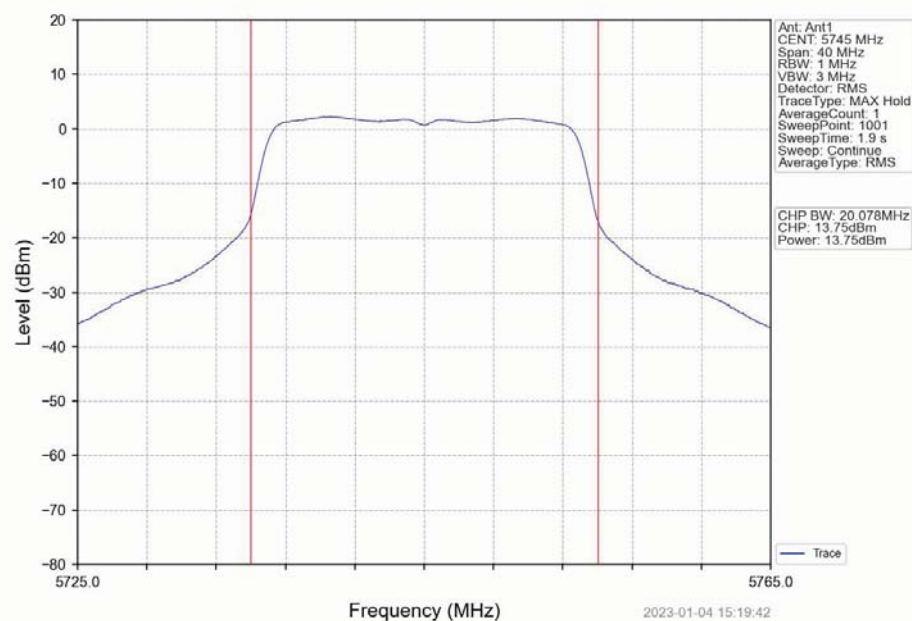
2.1.2 Test Graph



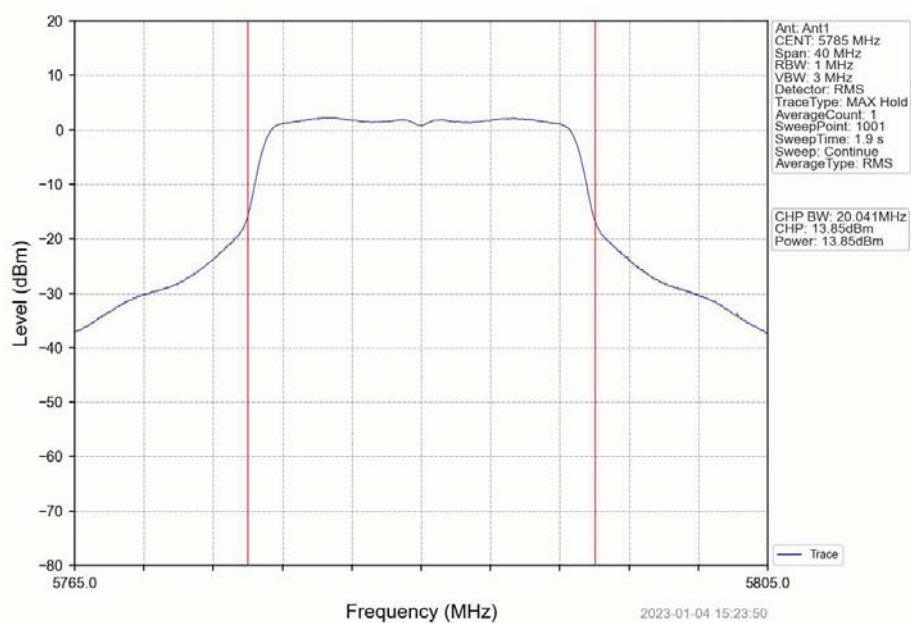
802.11a_HCH_5825MHz_Ant1_NTNV



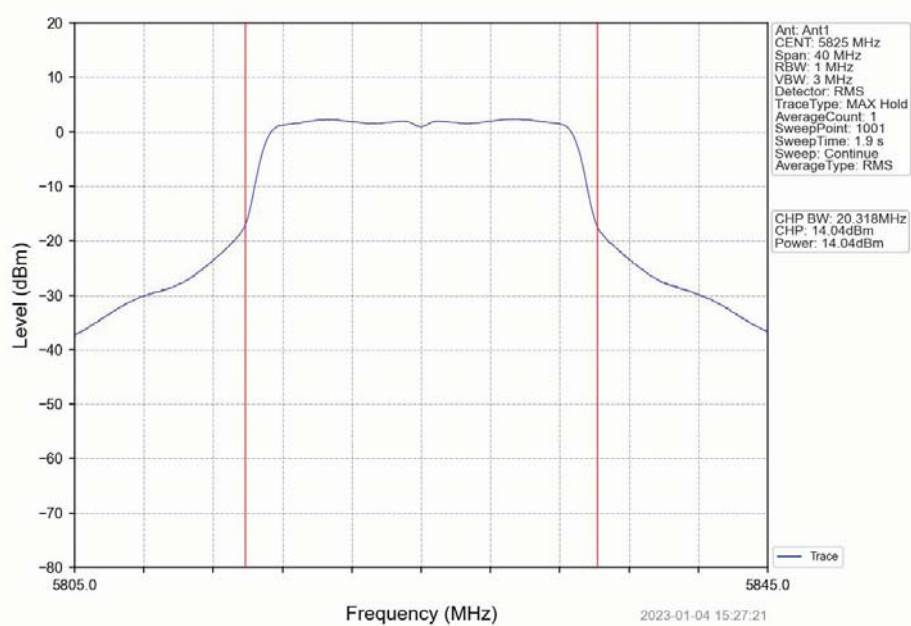
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



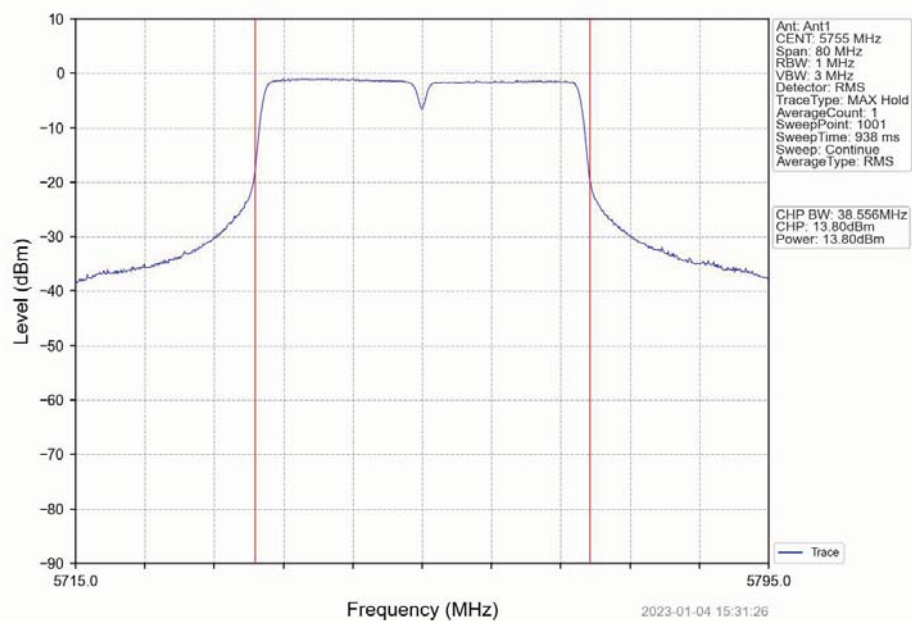
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



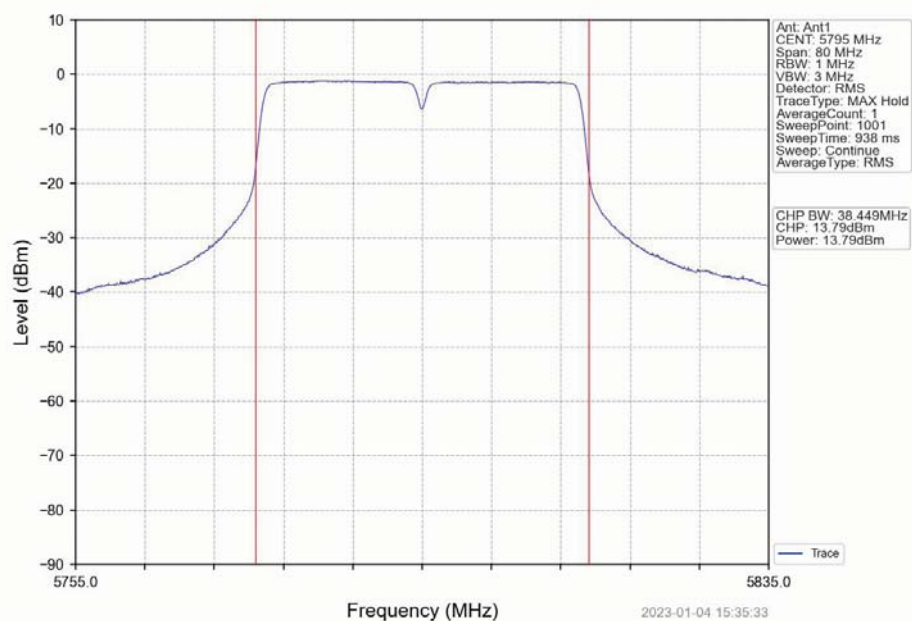
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



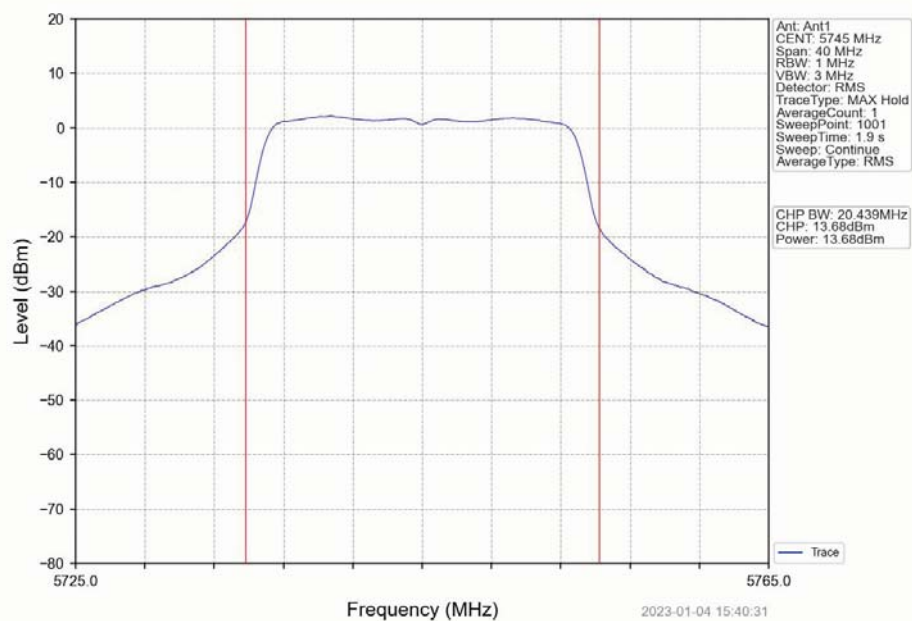
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



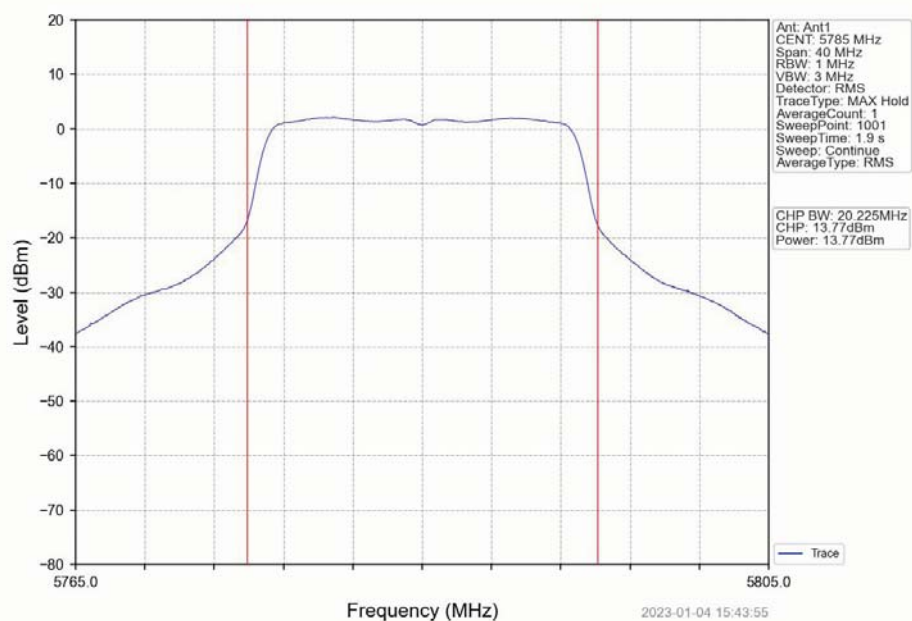
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



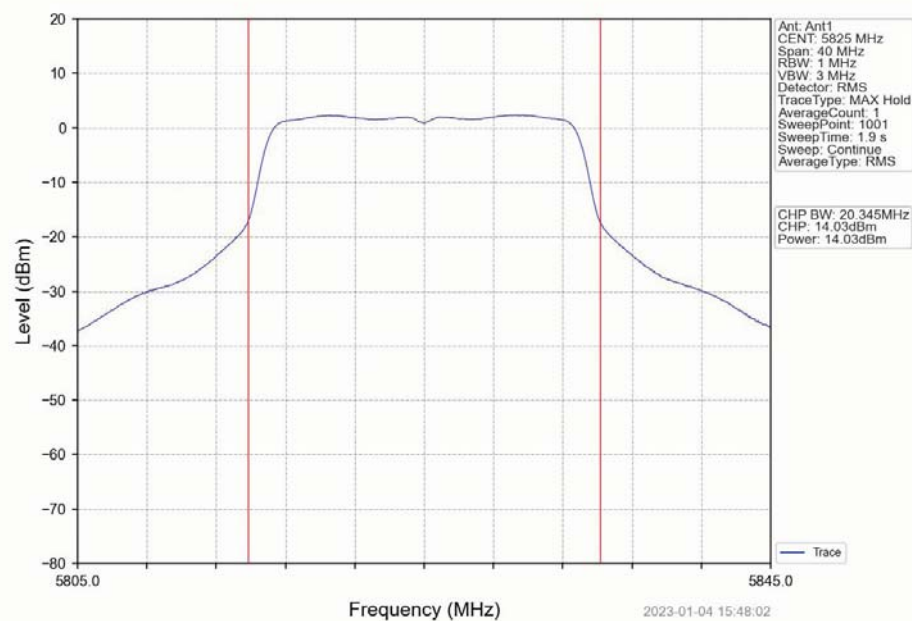
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



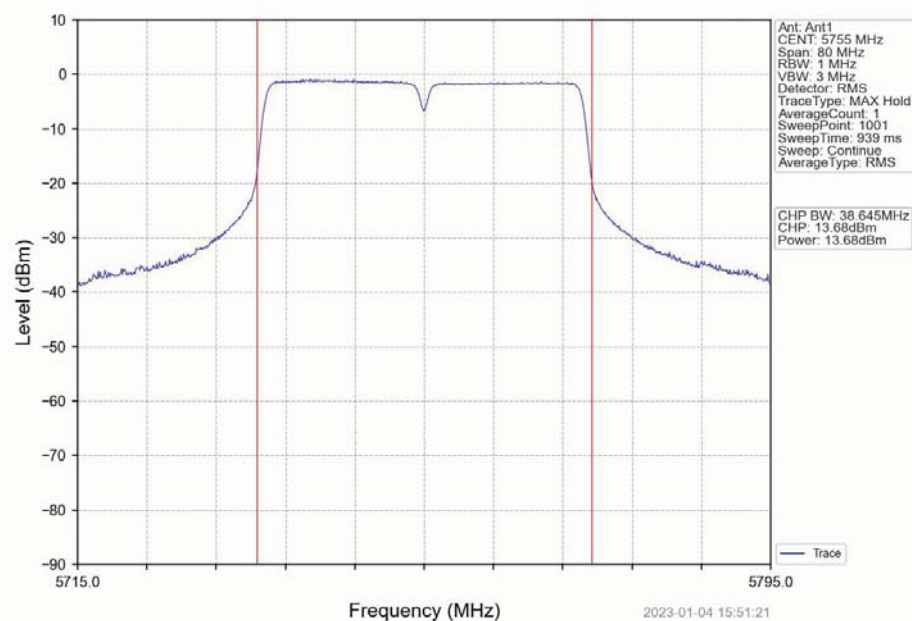
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

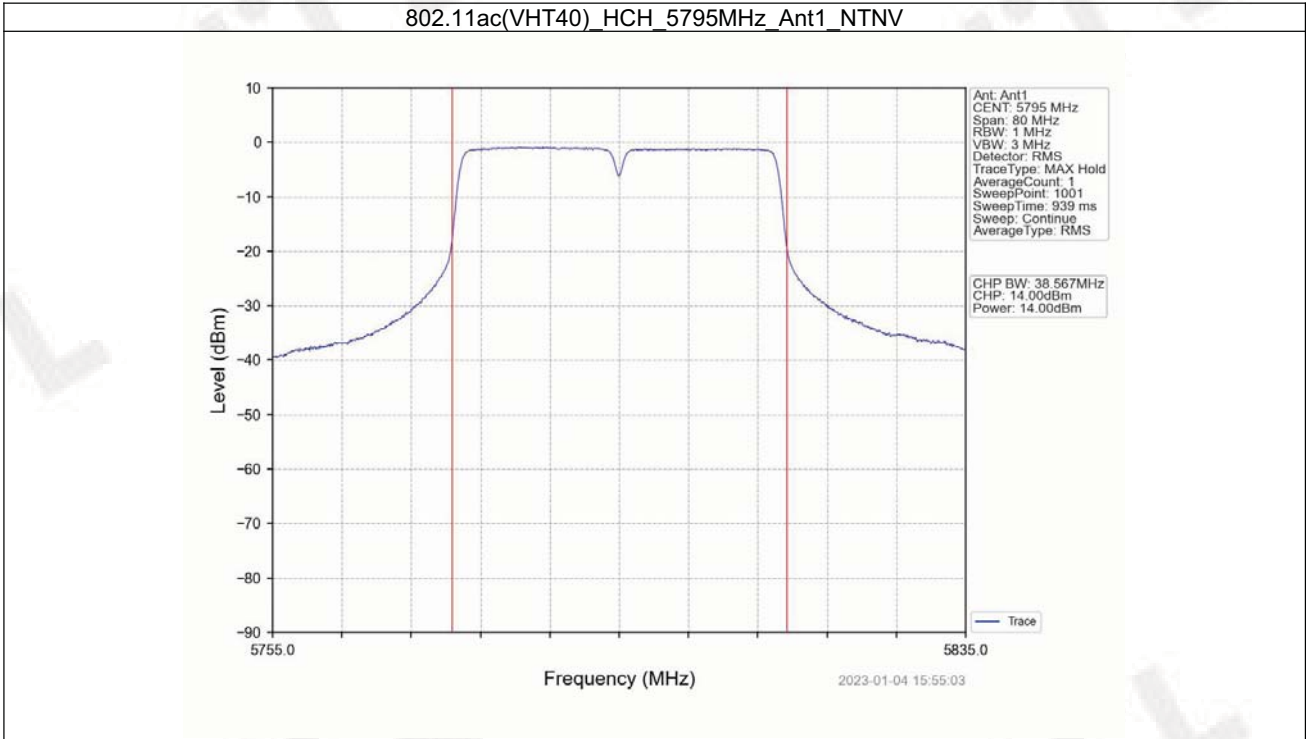


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV





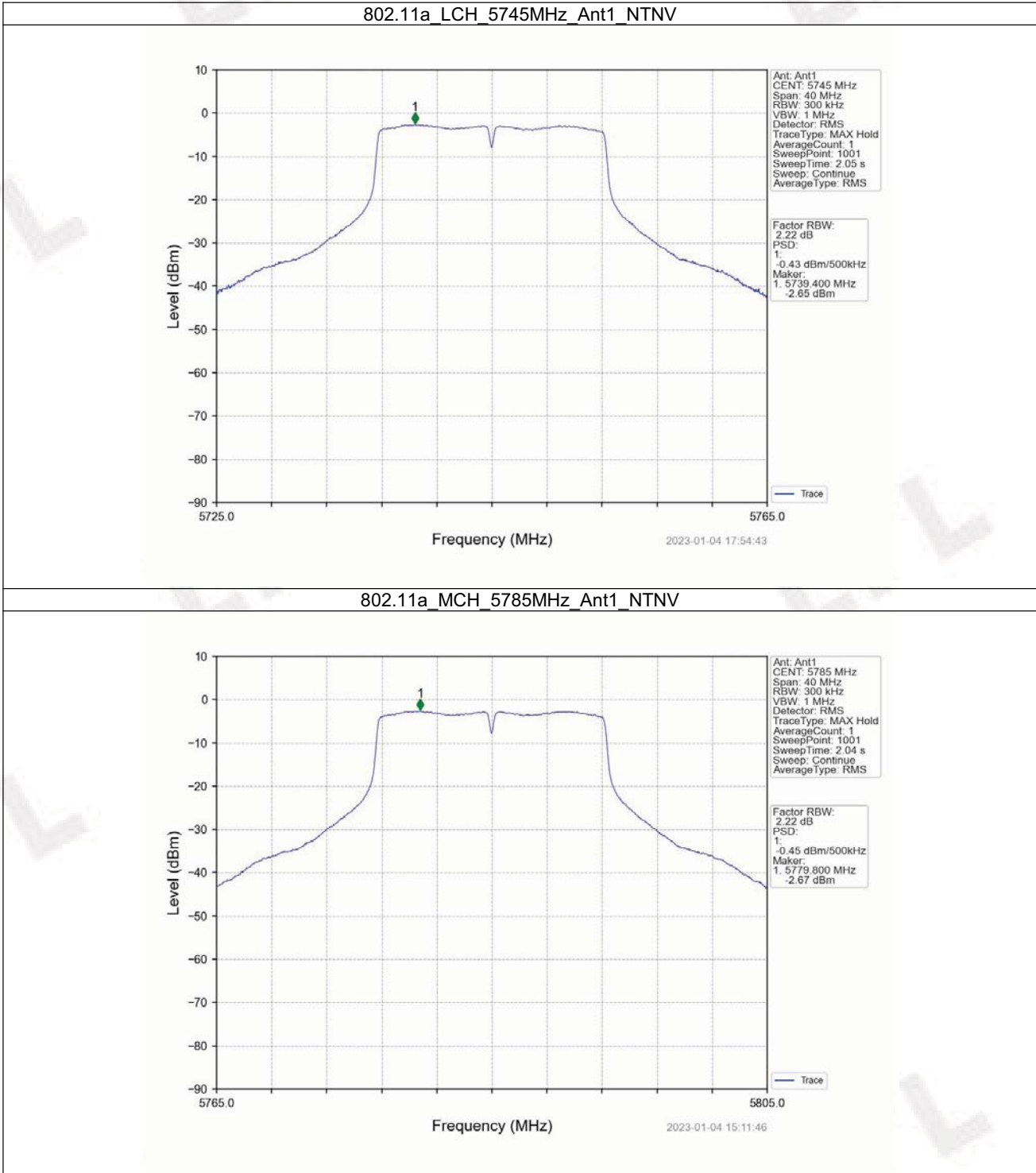
3. Maximum Power Spectral Density

3.1 PSD-Band3

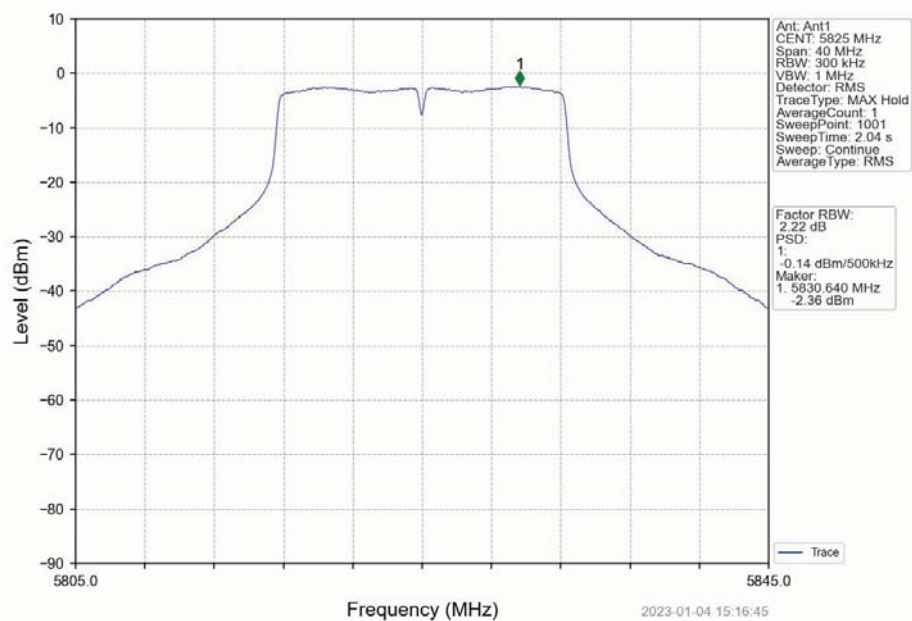
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-0.43	<=30	Pass
		5785	-0.45	<=30	Pass
		5825	-0.14	<=30	Pass
802.11n (HT20)	SISO	5745	-0.55	<=30	Pass
		5785	-0.71	<=30	Pass
		5825	-0.46	<=30	Pass
802.11n (HT40)	SISO	5755	-3.92	<=30	Pass
		5795	-3.94	<=30	Pass
802.11ac (VHT20)	SISO	5745	-0.64	<=30	Pass
		5785	-0.75	<=30	Pass
		5825	-0.53	<=30	Pass
802.11ac (VHT40)	SISO	5755	-3.92	<=30	Pass
		5795	-3.77	<=30	Pass
Note1: Antenna Gain: Ant1: 4.53dBi;					

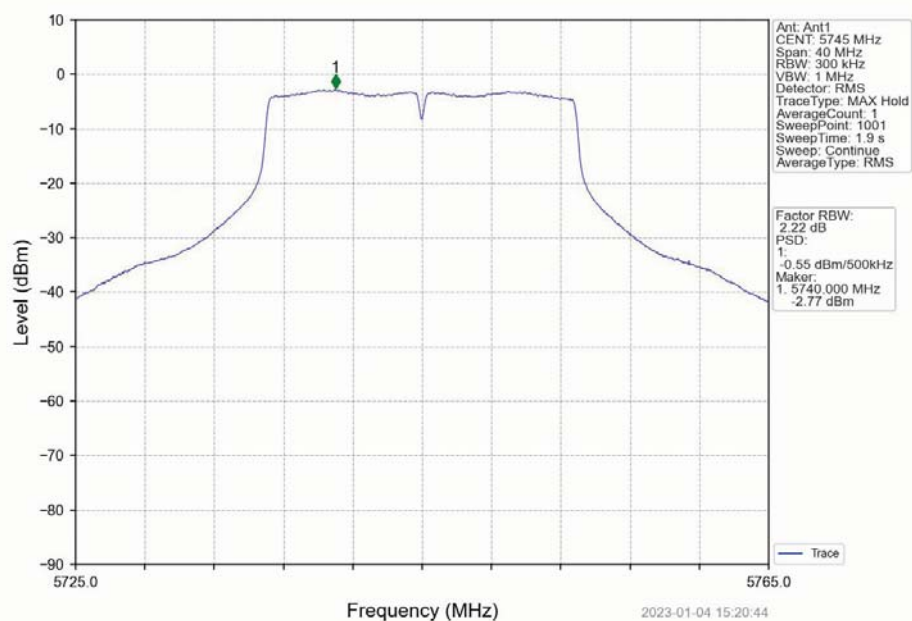
3.1.2 Test Graph



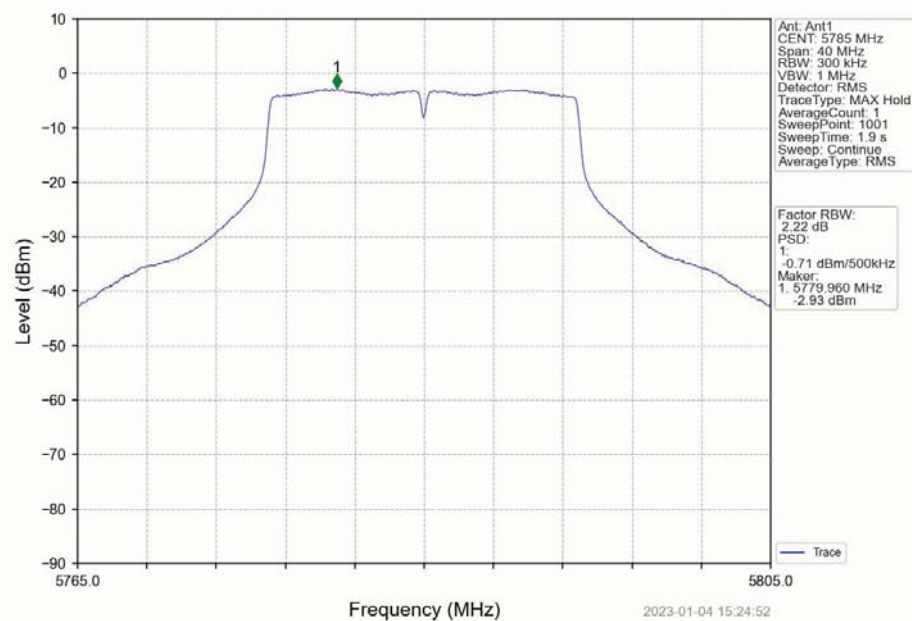
802.11a_HCH_5825MHz_Ant1_NTNV



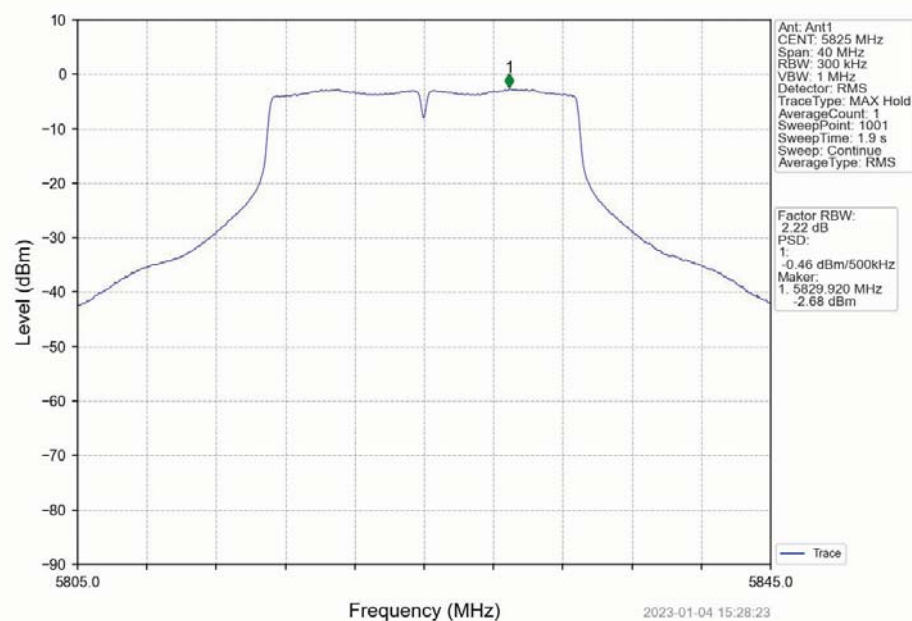
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



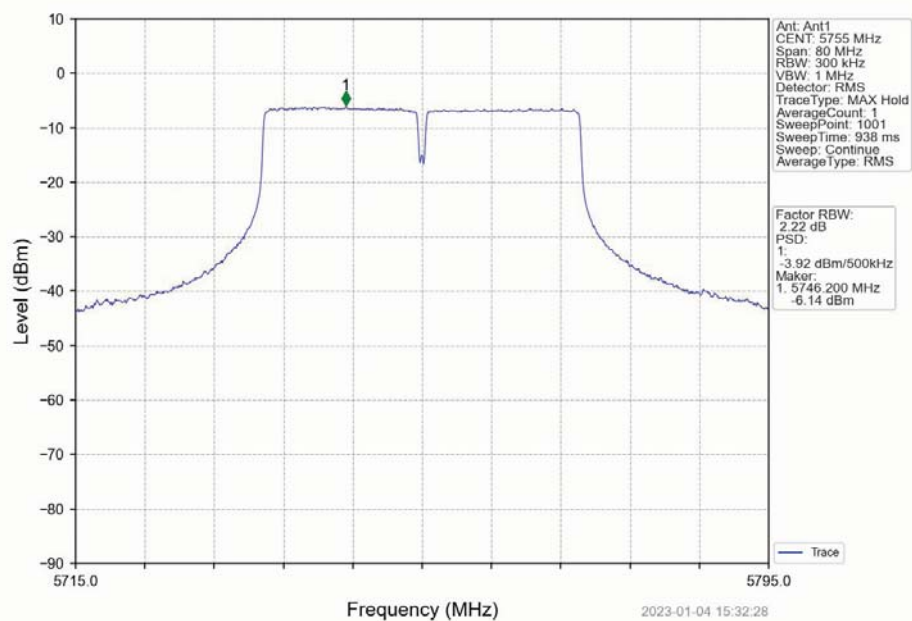
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



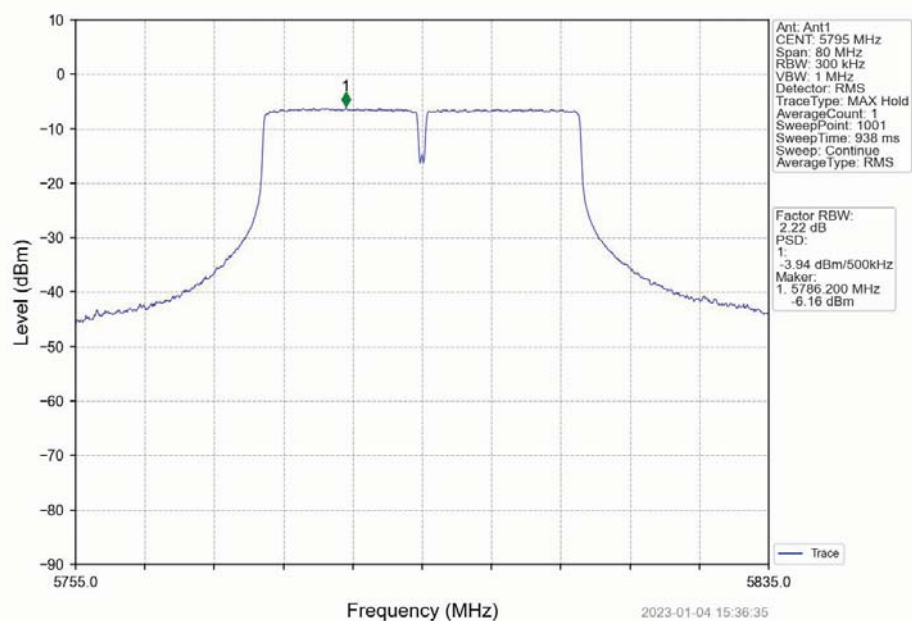
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



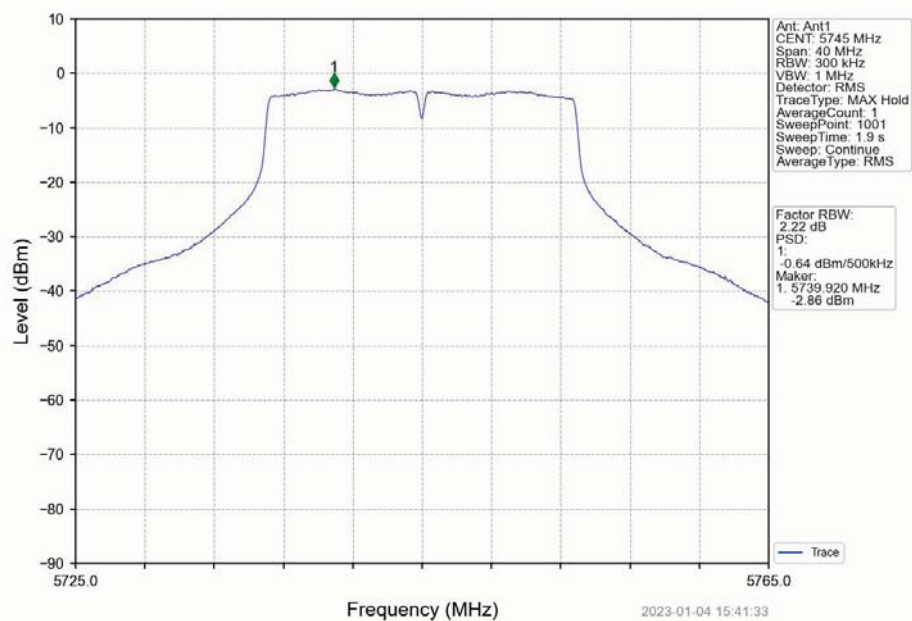
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



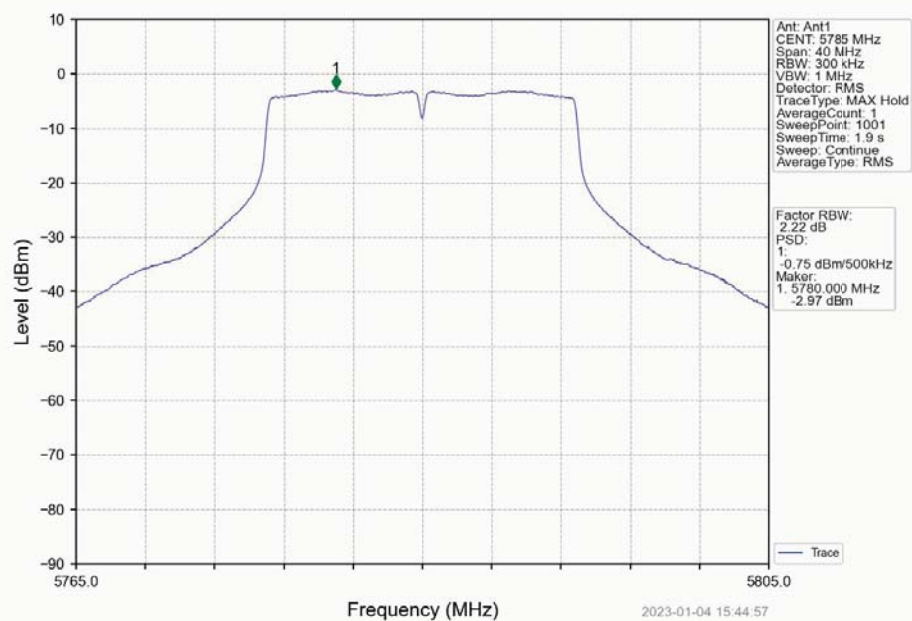
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



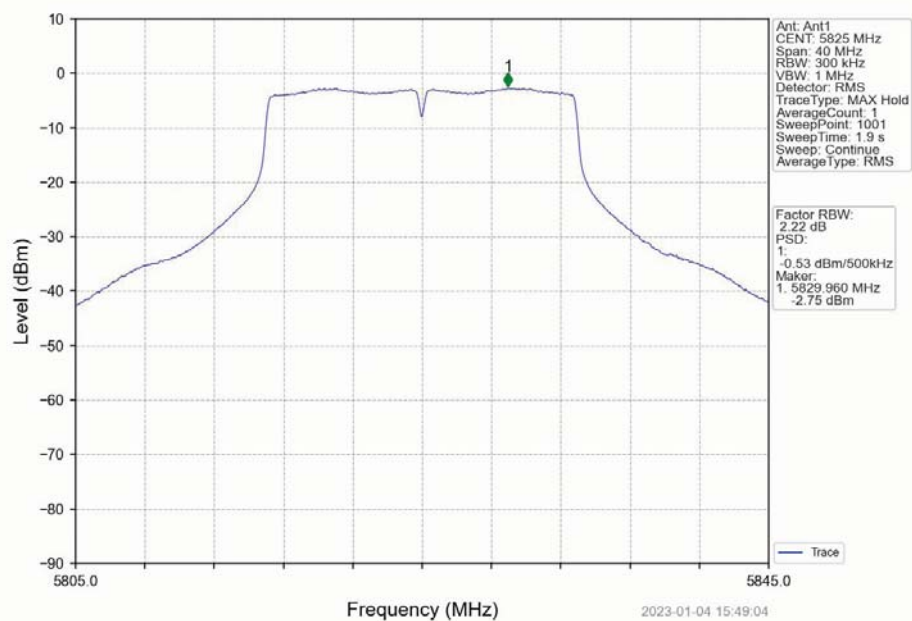
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



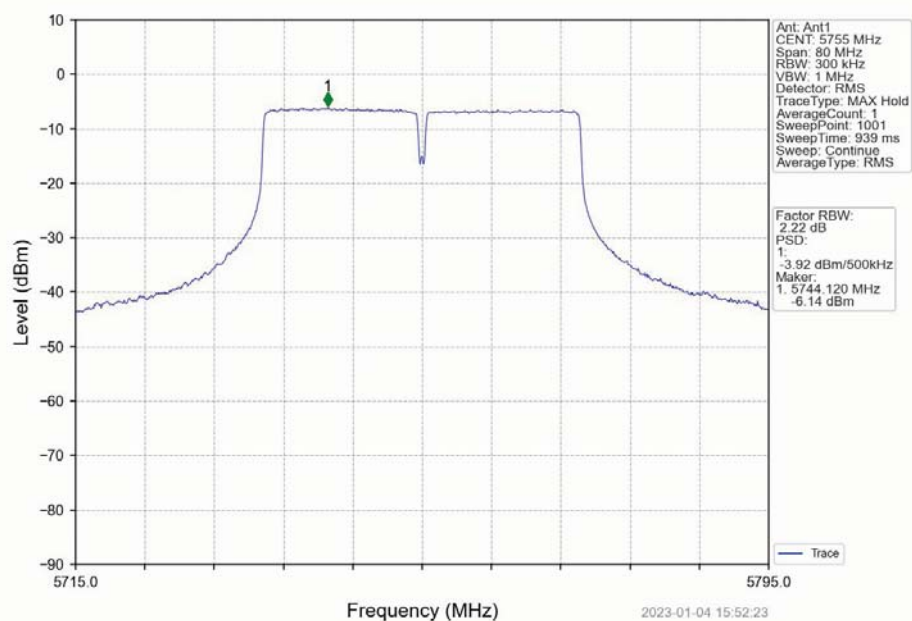
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

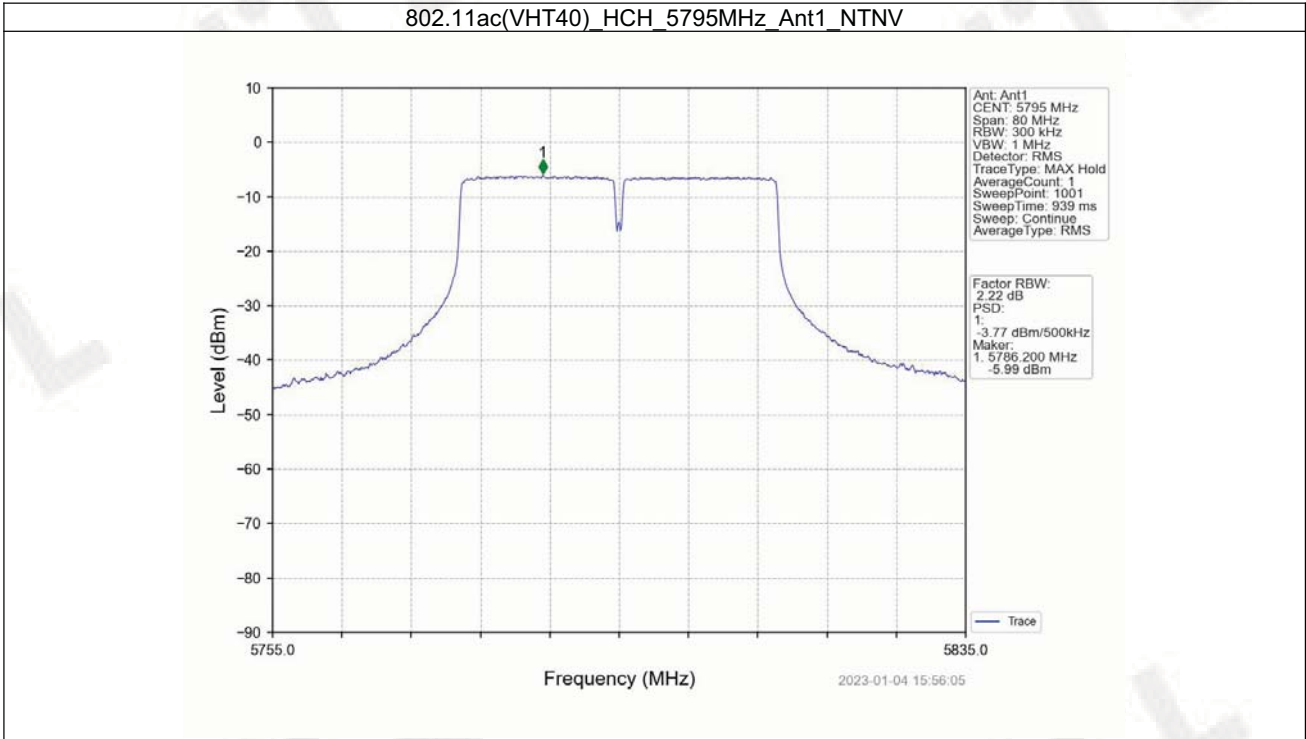


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



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	5744.984	5725 to 5850	Pass
				120	5744.985	5725 to 5850	Pass
				138	5744.985	5725 to 5850	Pass
			-30	120	5744.985	5725 to 5850	Pass
			-20	120	5744.985	5725 to 5850	Pass
			-10	120	5744.985	5725 to 5850	Pass
			0	120	5744.985	5725 to 5850	Pass
			10	120	5744.985	5725 to 5850	Pass
			30	120	5744.985	5725 to 5850	Pass
			40	120	5744.985	5725 to 5850	Pass
			50	120	5744.985	5725 to 5850	Pass
		5785	20	102	5784.553	5725 to 5850	Pass
				120	5784.753	5725 to 5850	Pass
				138	5784.584	5725 to 5850	Pass
			-30	120	5785.117	5725 to 5850	Pass
			-20	120	5784.686	5725 to 5850	Pass
			-10	120	5784.624	5725 to 5850	Pass
			0	120	5784.704	5725 to 5850	Pass
			10	120	5785.226	5725 to 5850	Pass
			30	120	5784.552	5725 to 5850	Pass
			40	120	5784.517	5725 to 5850	Pass
			50	120	5784.545	5725 to 5850	Pass
		5825	20	102	5824.985	5725 to 5850	Pass
				120	5824.985	5725 to 5850	Pass
				138	5824.985	5725 to 5850	Pass
			-30	120	5824.985	5725 to 5850	Pass
			-20	120	5824.985	5725 to 5850	Pass
			-10	120	5824.985	5725 to 5850	Pass
			0	120	5824.985	5725 to 5850	Pass
			10	120	5824.985	5725 to 5850	Pass
			30	120	5824.985	5725 to 5850	Pass
			40	120	5824.985	5725 to 5850	Pass
			50	120	5824.985	5725 to 5850	Pass
		5755	20	102	5754.504	5725 to 5850	Pass
				120	5754.619	5725 to 5850	Pass
				138	5754.509	5725 to 5850	Pass
			-30	120	5754.695	5725 to 5850	Pass
			-20	120	5754.705	5725 to 5850	Pass
			-10	120	5754.522	5725 to 5850	Pass
			0	120	5754.516	5725 to 5850	Pass
			10	120	5754.509	5725 to 5850	Pass
			30	120	5754.588	5725 to 5850	Pass
			40	120	5755.037	5725 to 5850	Pass
			50	120	5754.601	5725 to 5850	Pass
		5795	20	102	5794.985	5725 to 5850	Pass
				120	5794.985	5725 to 5850	Pass
				138	5794.985	5725 to 5850	Pass

			-30	120	5794.985	5725 to 5850	Pass
			-20	120	5794.985	5725 to 5850	Pass
			-10	120	5794.985	5725 to 5850	Pass
			0	120	5794.985	5725 to 5850	Pass
			10	120	5794.985	5725 to 5850	Pass
			30	120	5794.985	5725 to 5850	Pass
			40	120	5794.985	5725 to 5850	Pass
			50	120	5794.985	5725 to 5850	Pass