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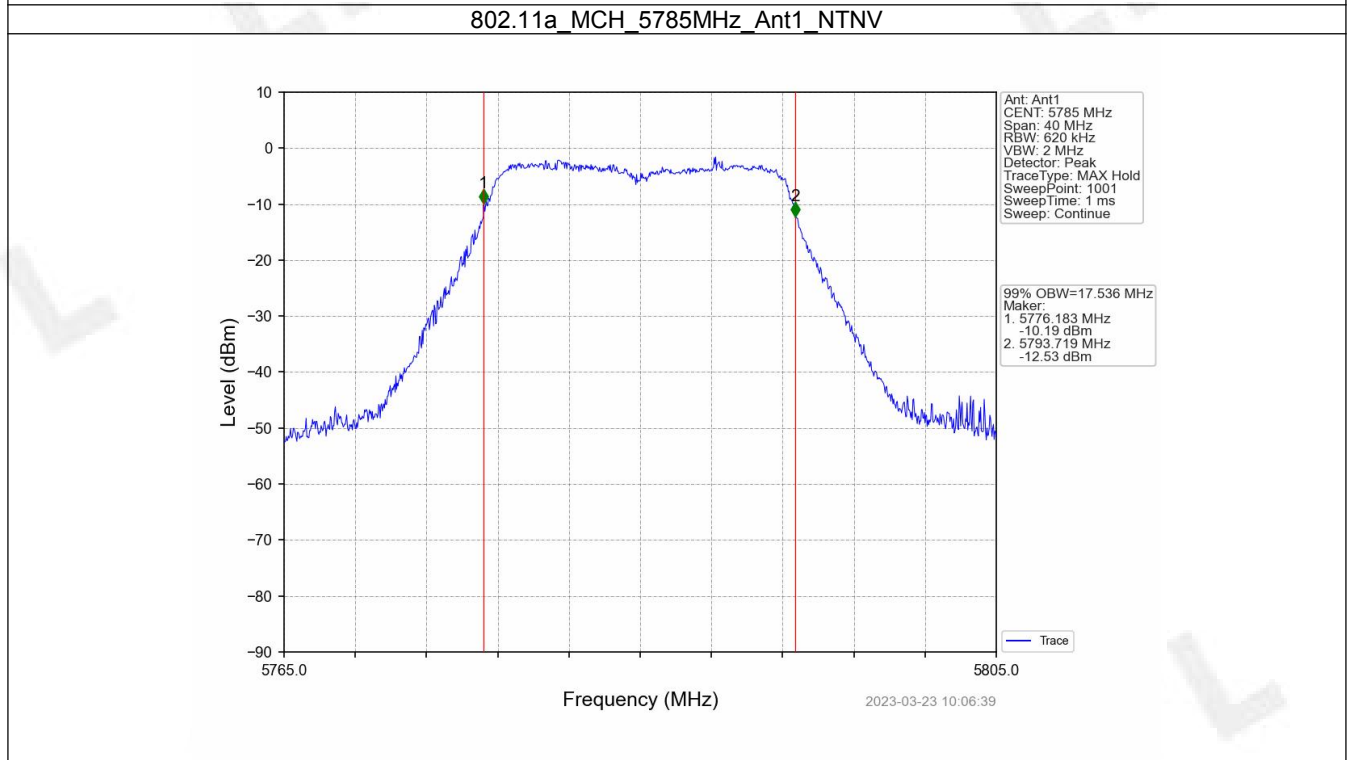
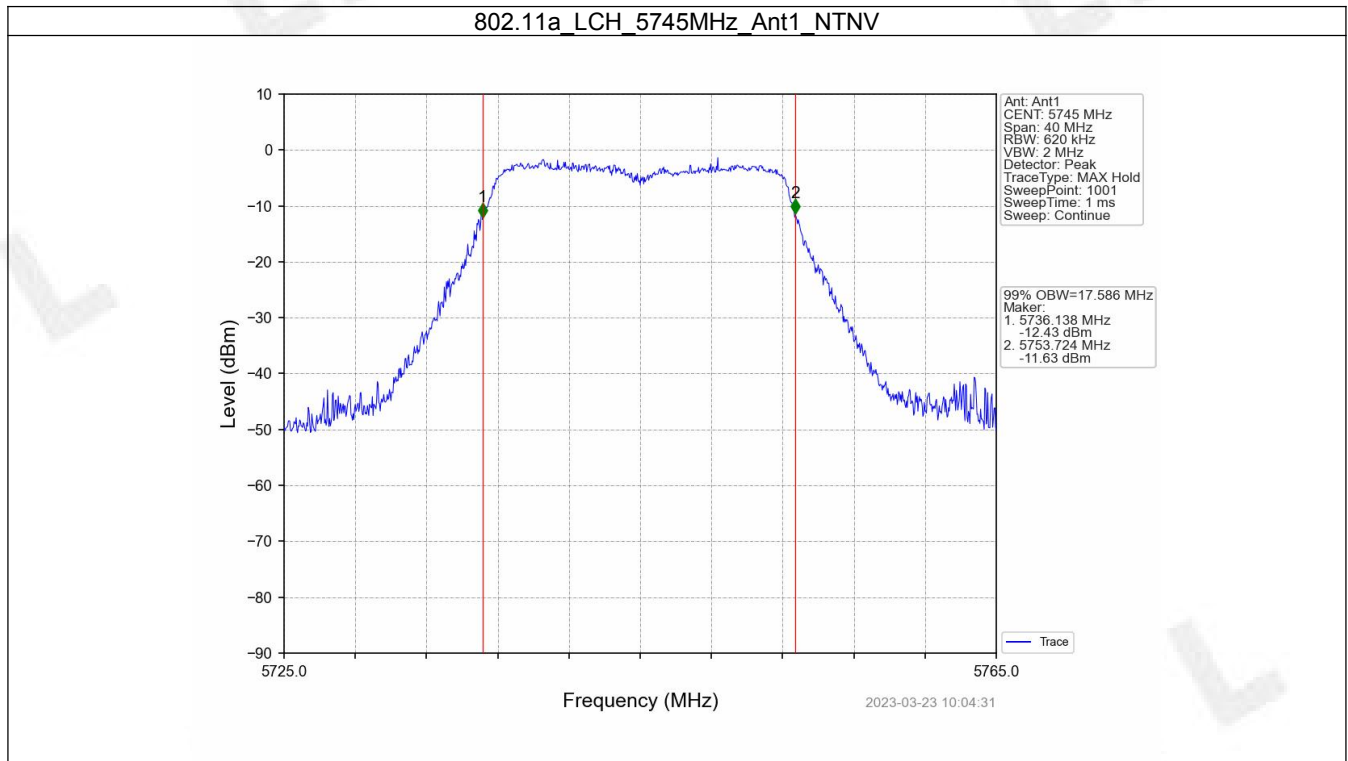
1. Bandwidth

1.1 OBW

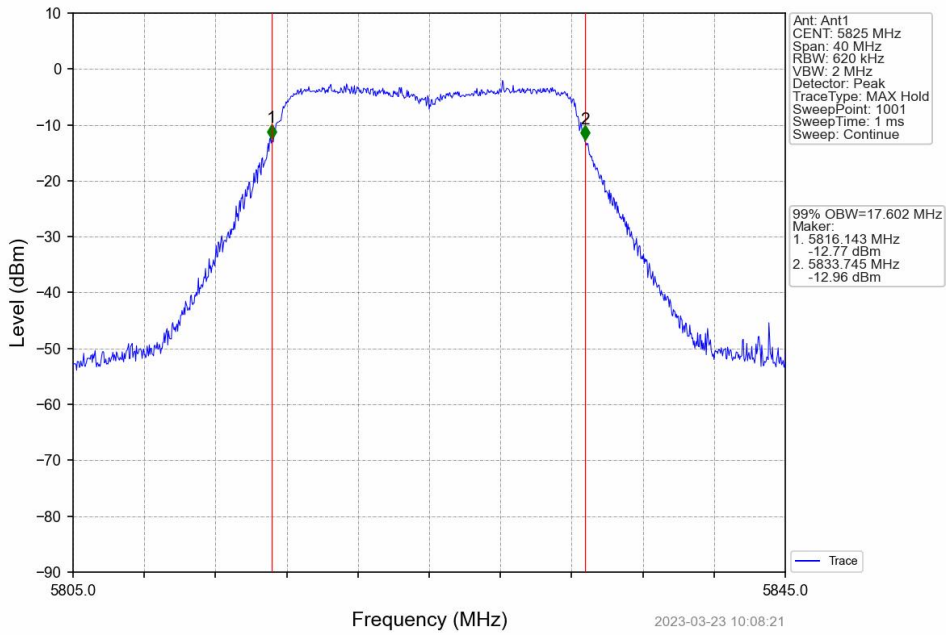
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5745	1	17.586	Pass
		5785	1	17.536	Pass
		5825	1	17.602	Pass
802.11n (HT20)	SISO	5745	1	18.418	Pass
		5785	1	18.352	Pass
		5825	1	18.373	Pass
802.11n (HT40)	SISO	5755	1	36.943	Pass
		5795	1	36.940	Pass
802.11ac (VHT20)	SISO	5745	1	18.347	Pass
		5785	1	18.366	Pass
		5825	1	18.351	Pass
802.11ac (VHT40)	SISO	5755	1	37.099	Pass
		5795	1	36.944	Pass
802.11ac (VHT80)	SISO	5775	1	76.552	Pass

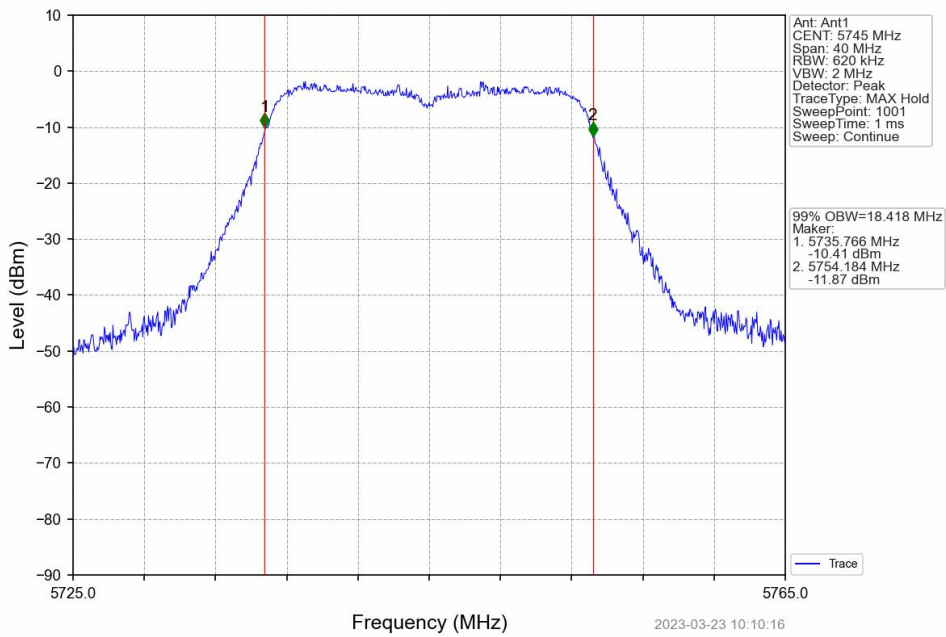
1.1.2 Test Graph



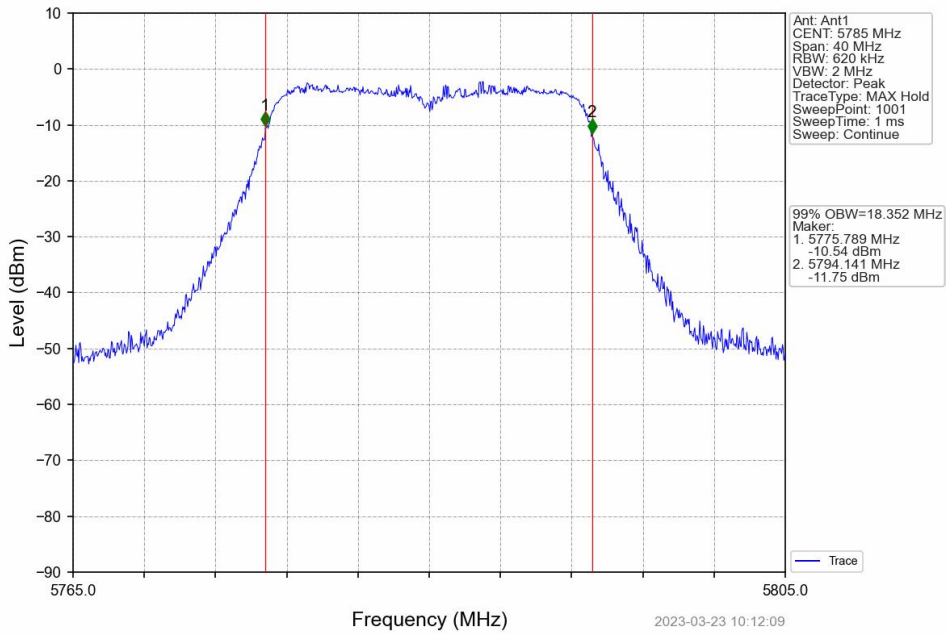
802.11a_HCH_5825MHz_Ant1_NTNV



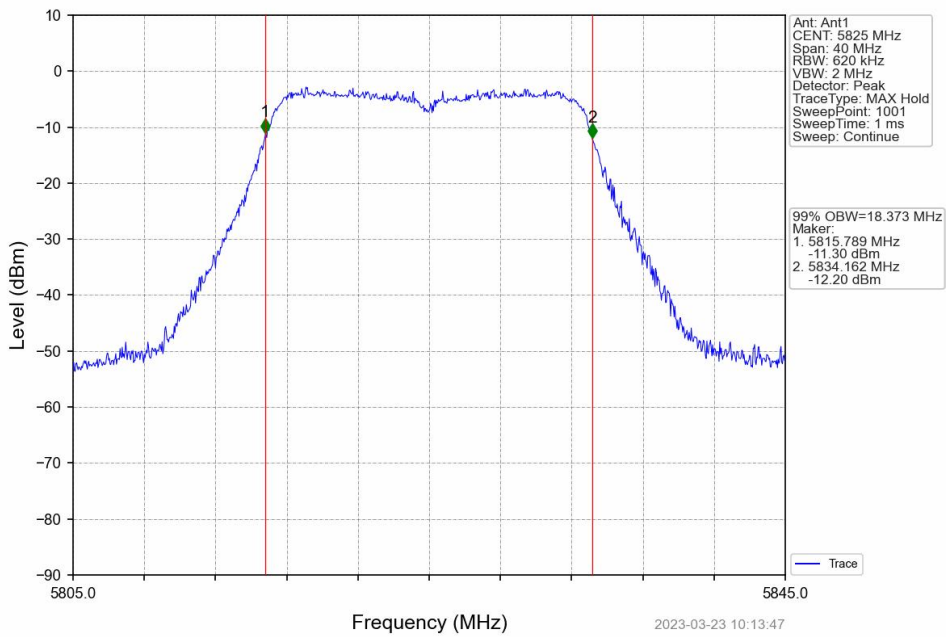
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



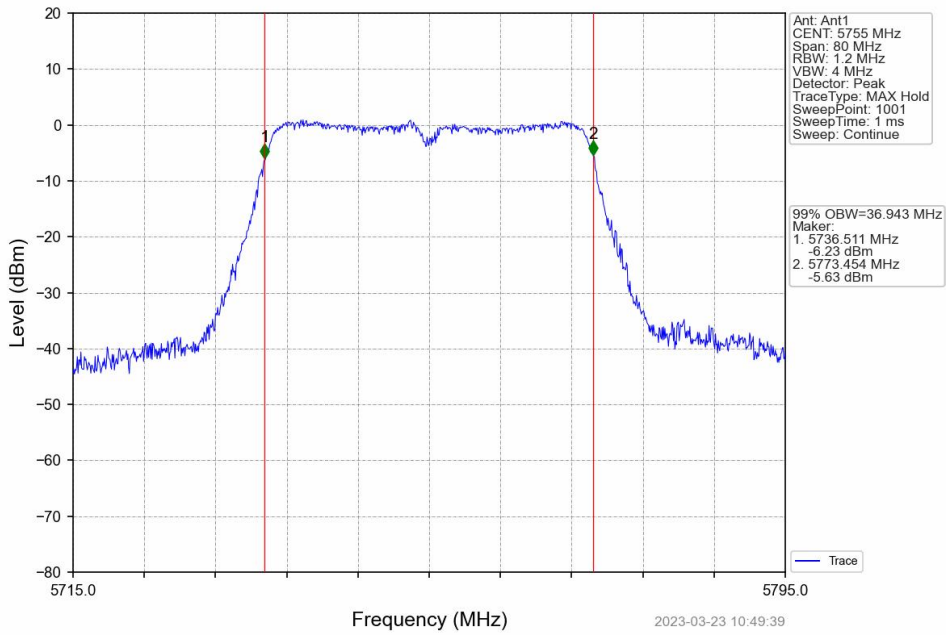
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



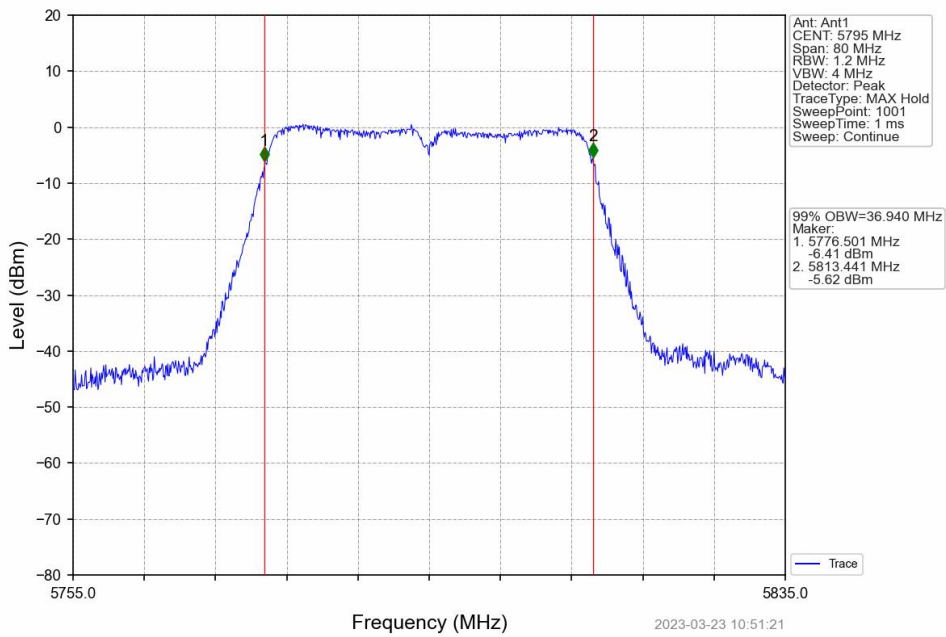
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



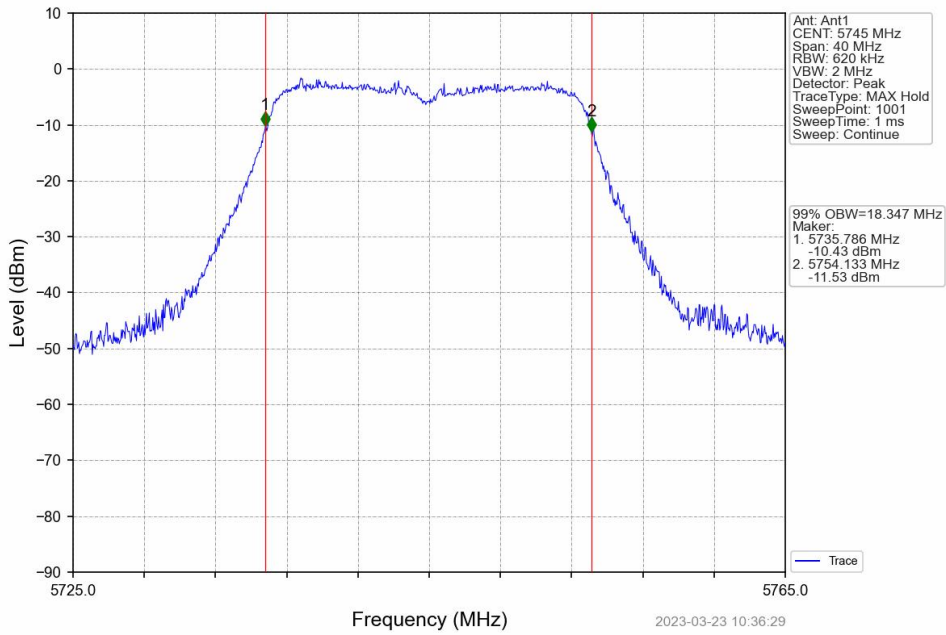
802.11n(HT40) LCH_5755MHz_Ant1_NTNV



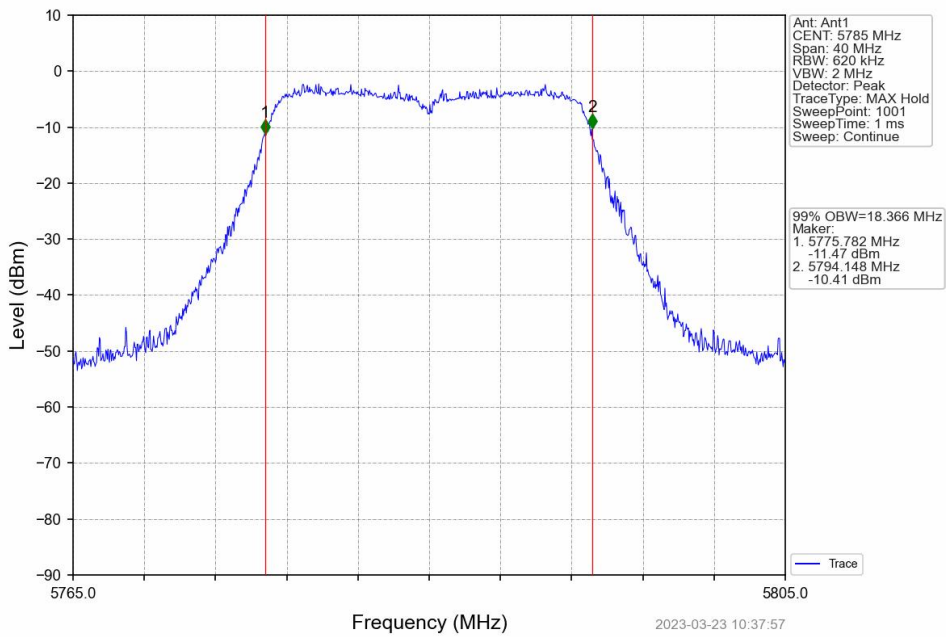
802.11n(HT40) HCH_5795MHz_Ant1_NTNV



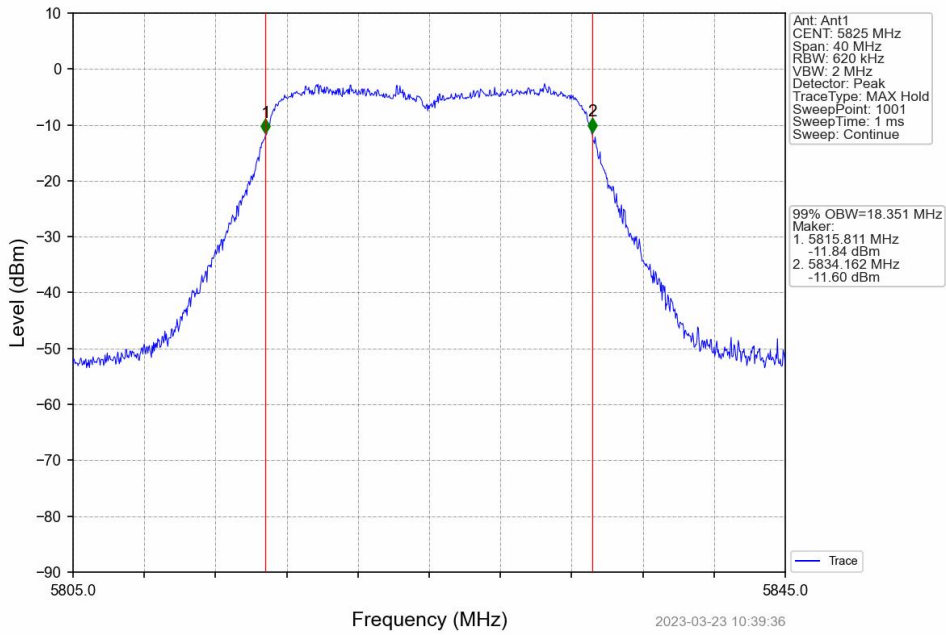
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



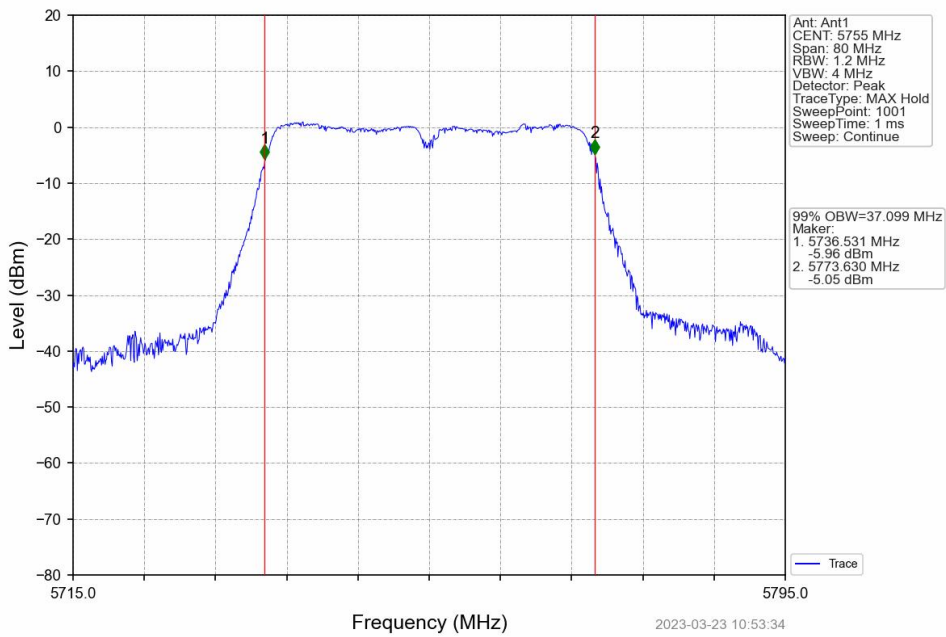
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



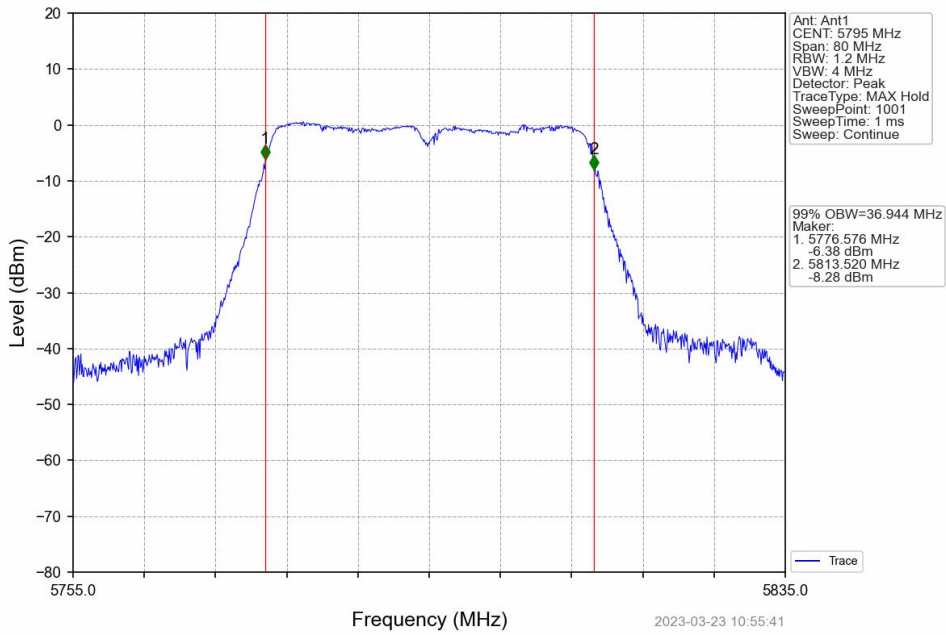
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



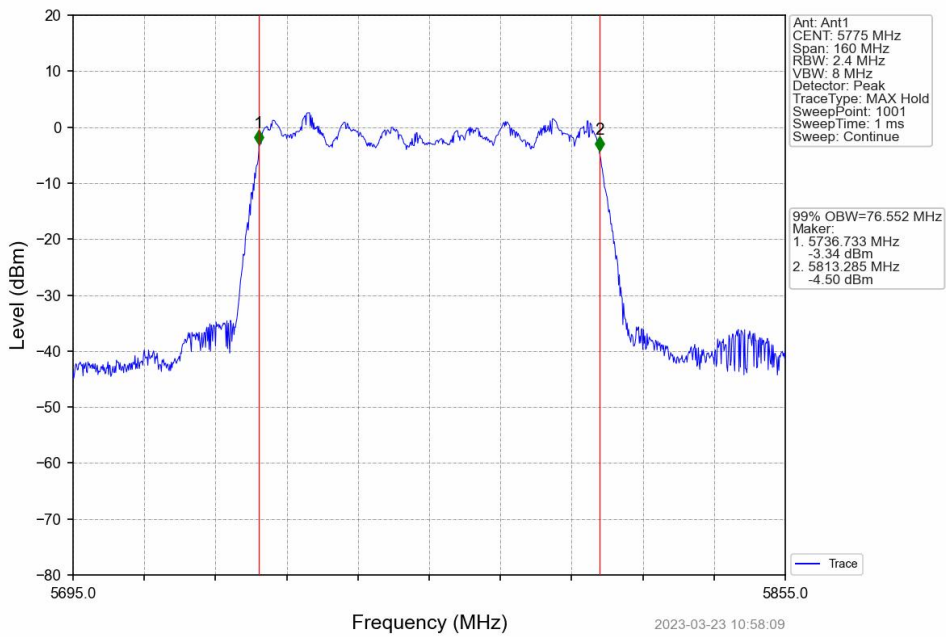
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV

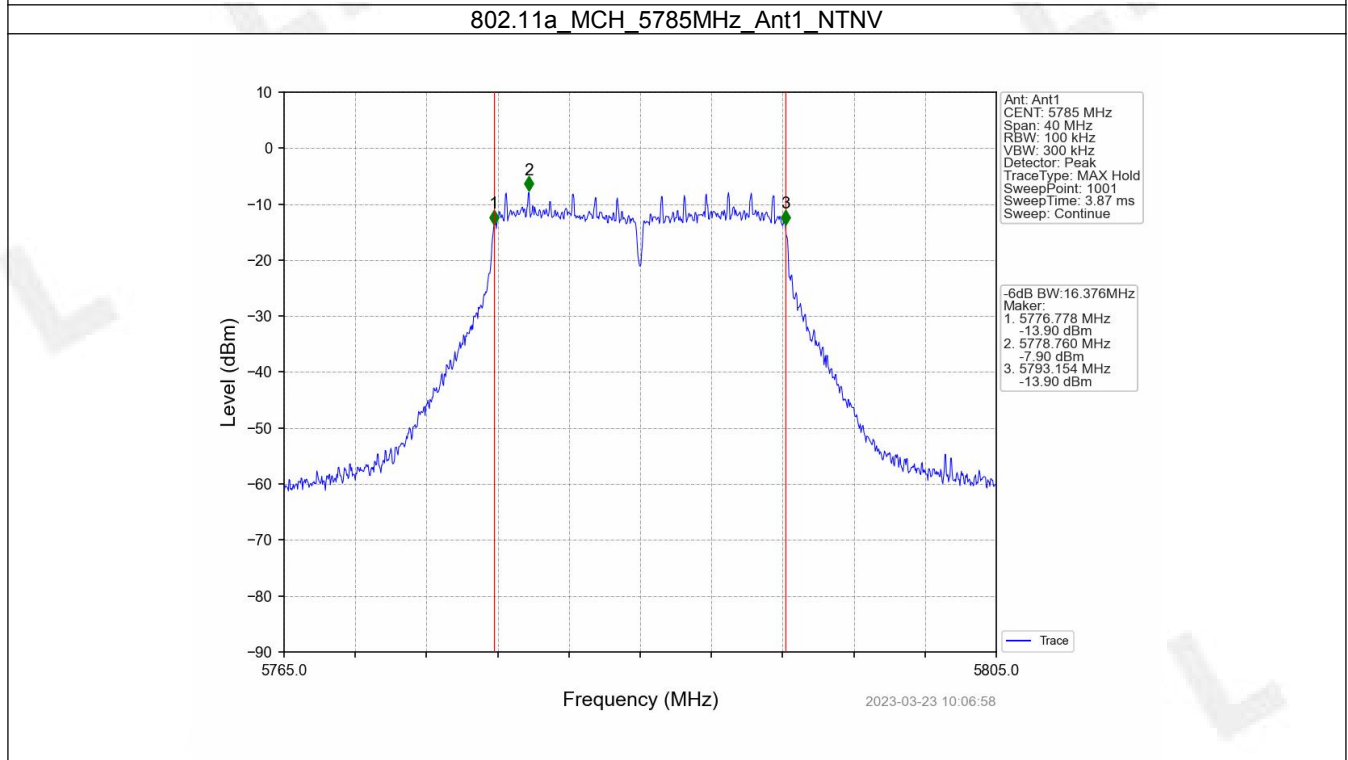
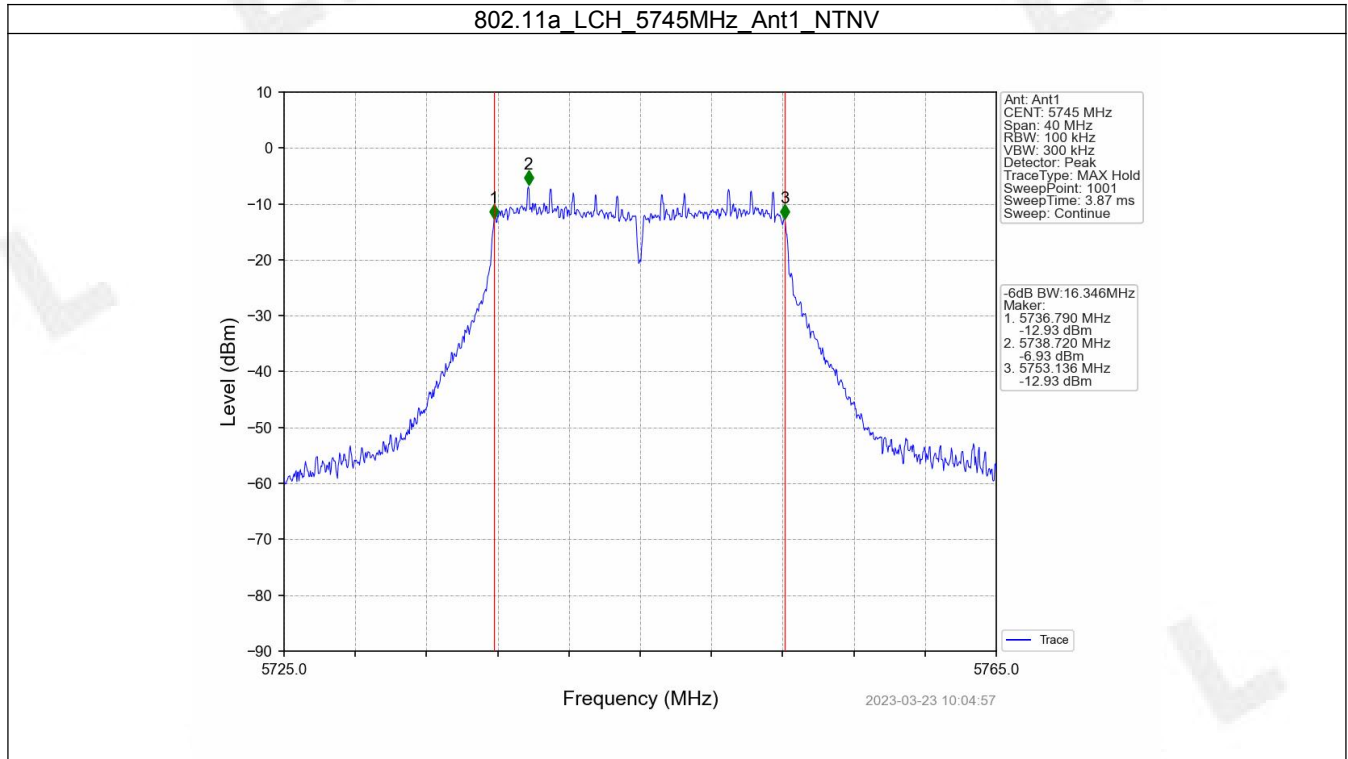


1.2 6dB BW

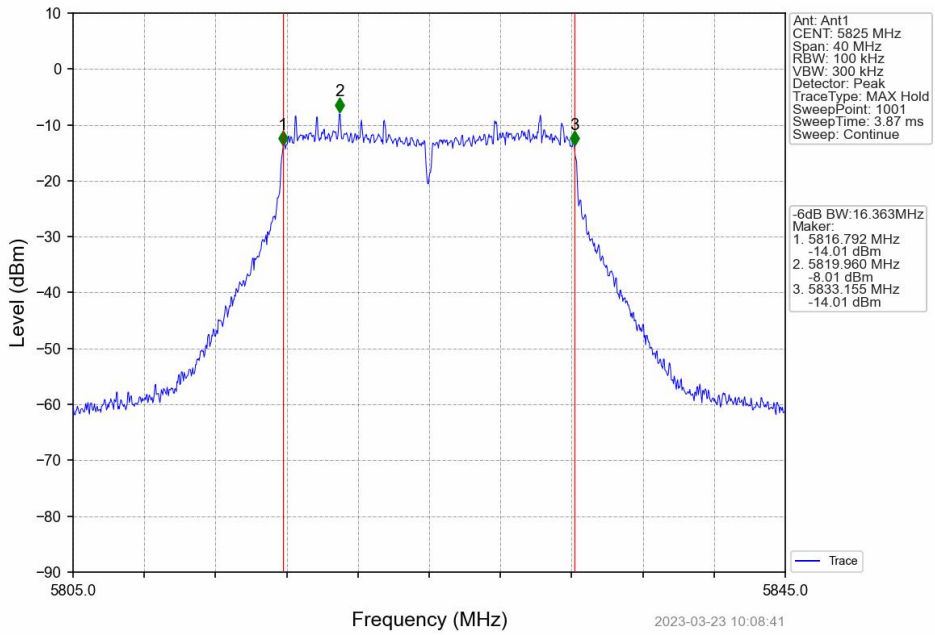
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.346	>=0.5	Pass
		5785	1	16.376	>=0.5	Pass
		5825	1	16.363	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	17.085	>=0.5	Pass
		5785	1	17.310	>=0.5	Pass
		5825	1	17.090	>=0.5	Pass
802.11n (HT40)	SISO	5755	1	35.581	>=0.5	Pass
		5795	1	35.623	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.043	>=0.5	Pass
		5785	1	17.096	>=0.5	Pass
		5825	1	17.209	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.549	>=0.5	Pass
		5795	1	35.557	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.224	>=0.5	Pass

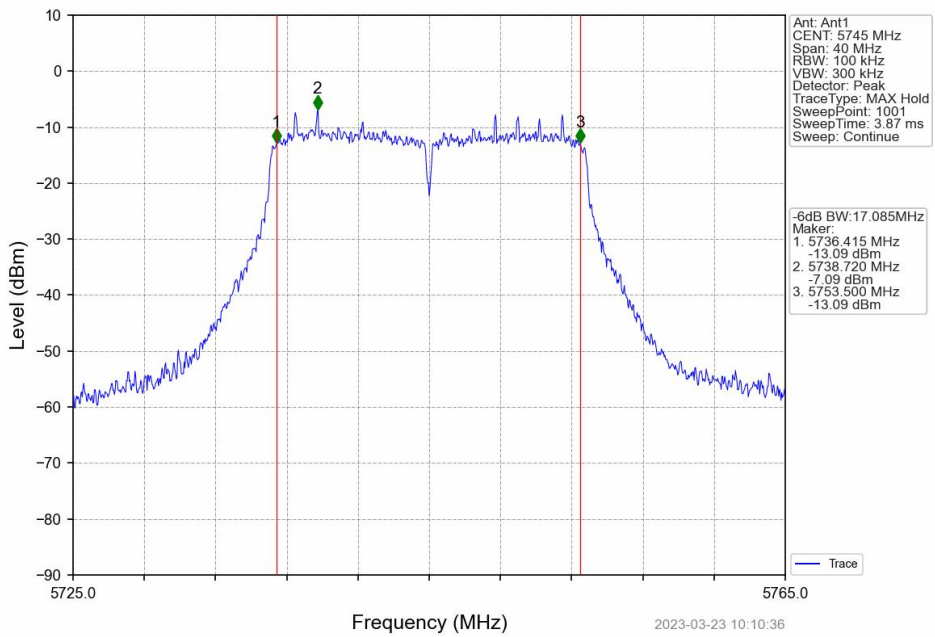
1.2.2 Test Graph



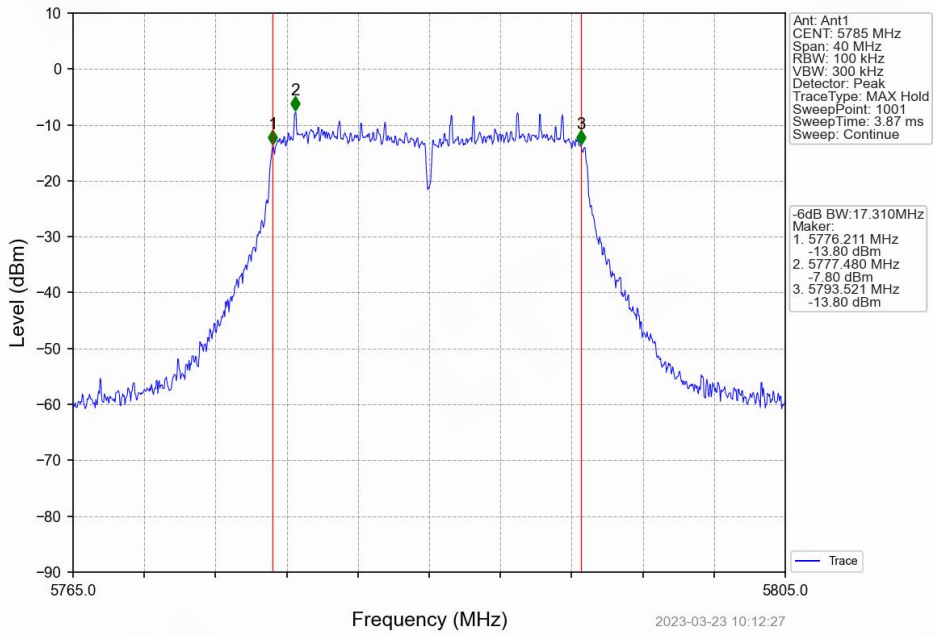
802.11a_HCH_5825MHz_Ant1_NTNV



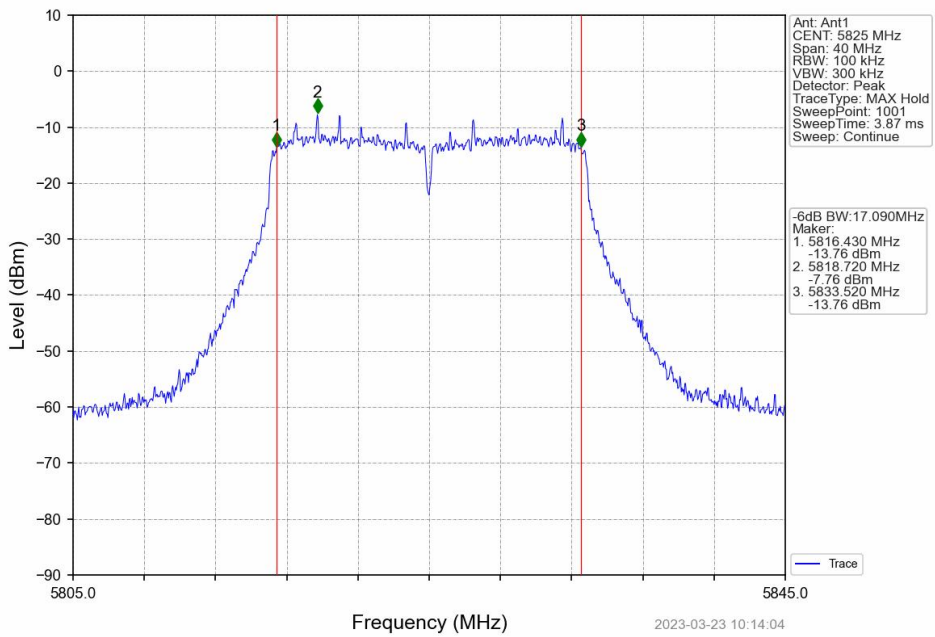
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



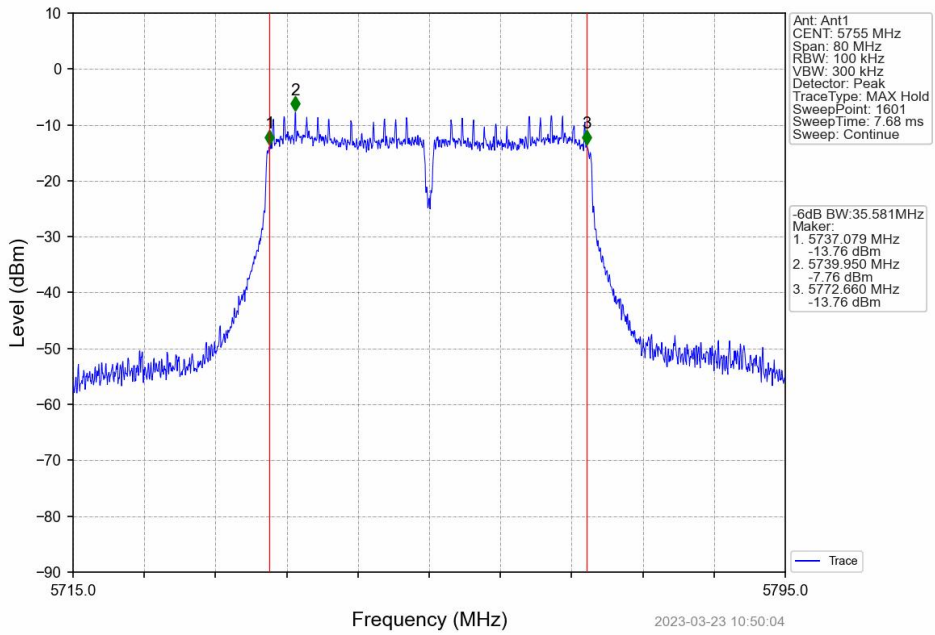
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



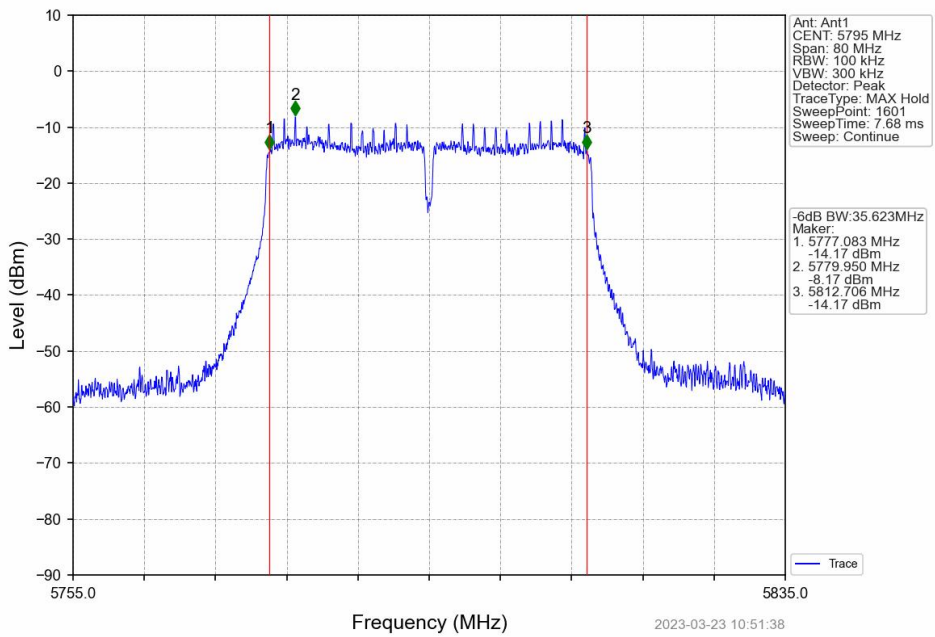
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



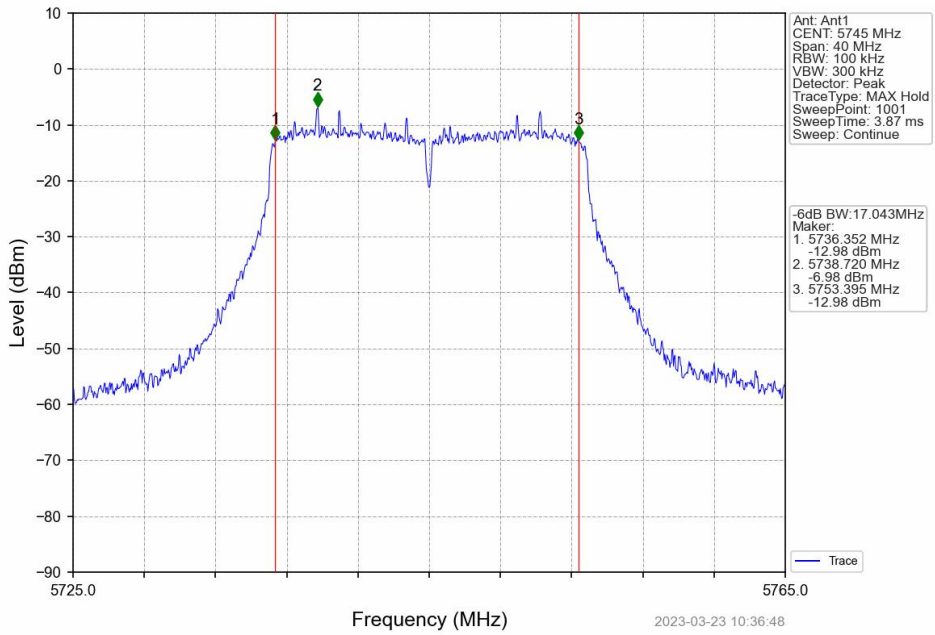
802.11n(HT40) LCH_5755MHz_Ant1_NTNV



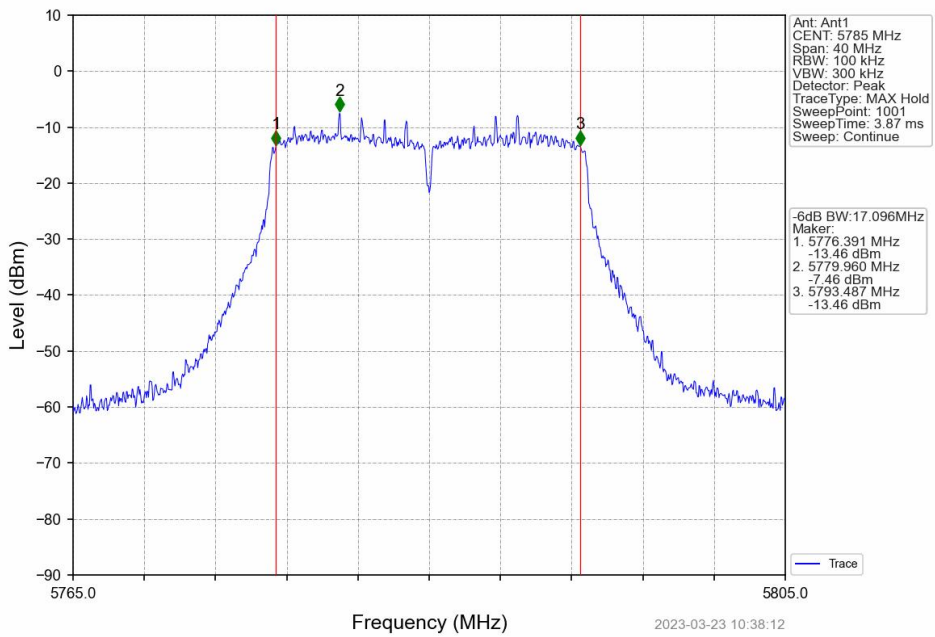
802.11n(HT40) HCH_5795MHz_Ant1_NTNV



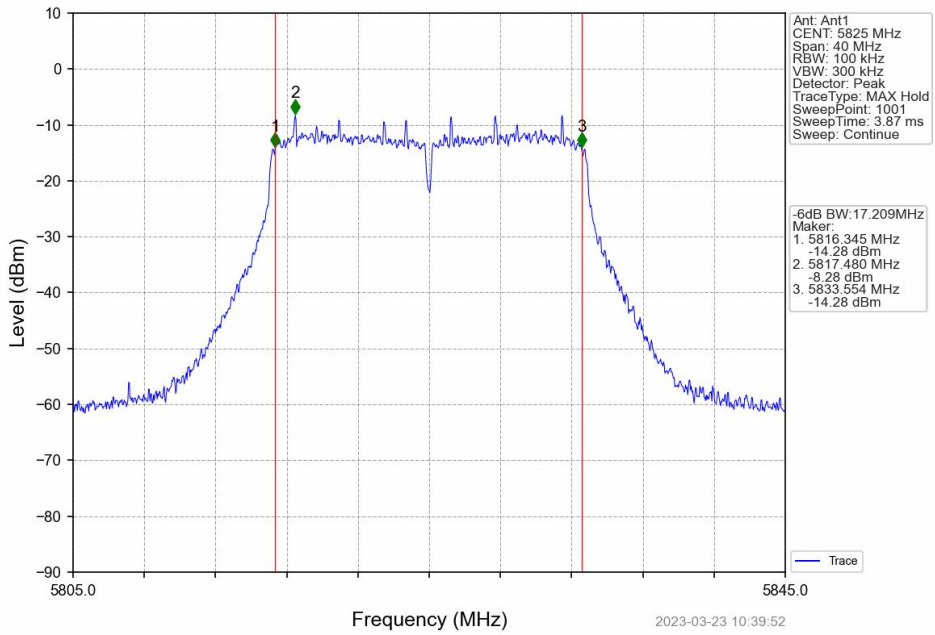
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



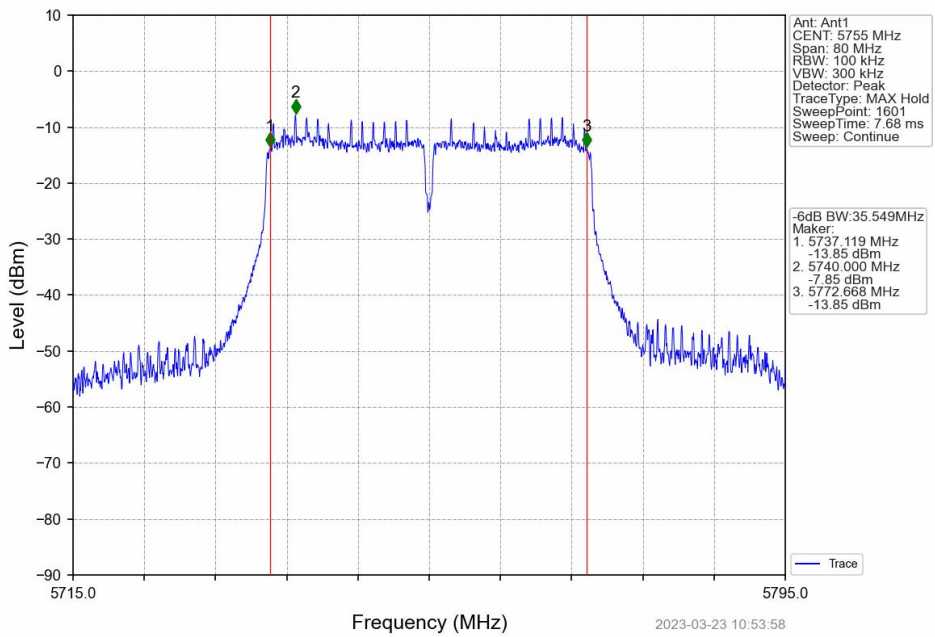
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



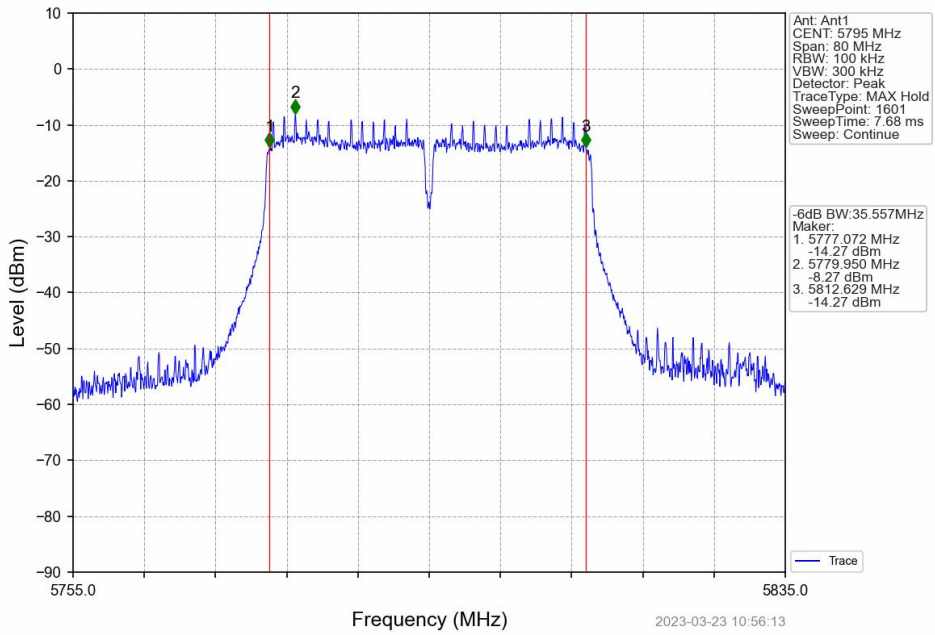
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



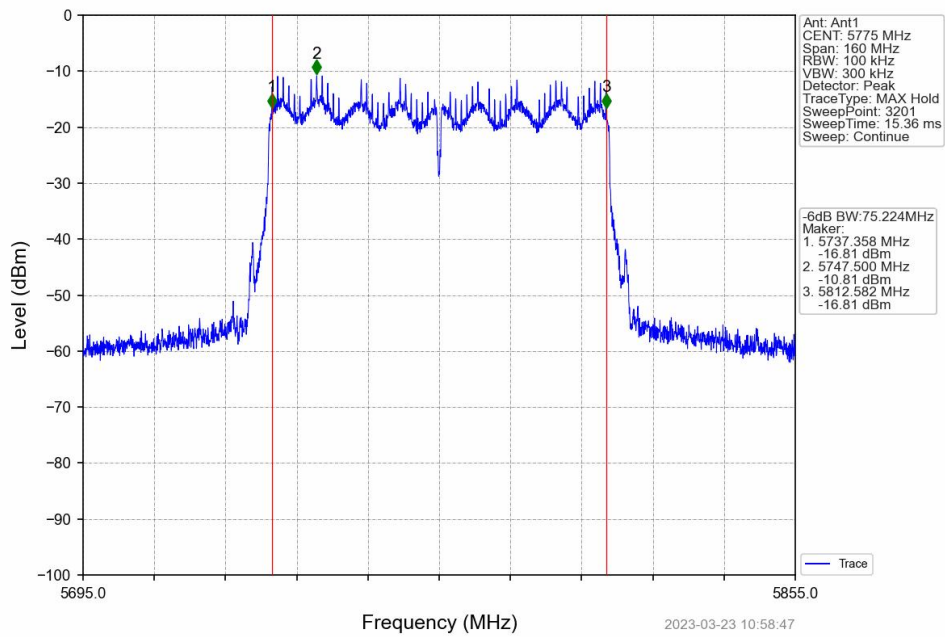
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



2. Maximum Conducted Output Power

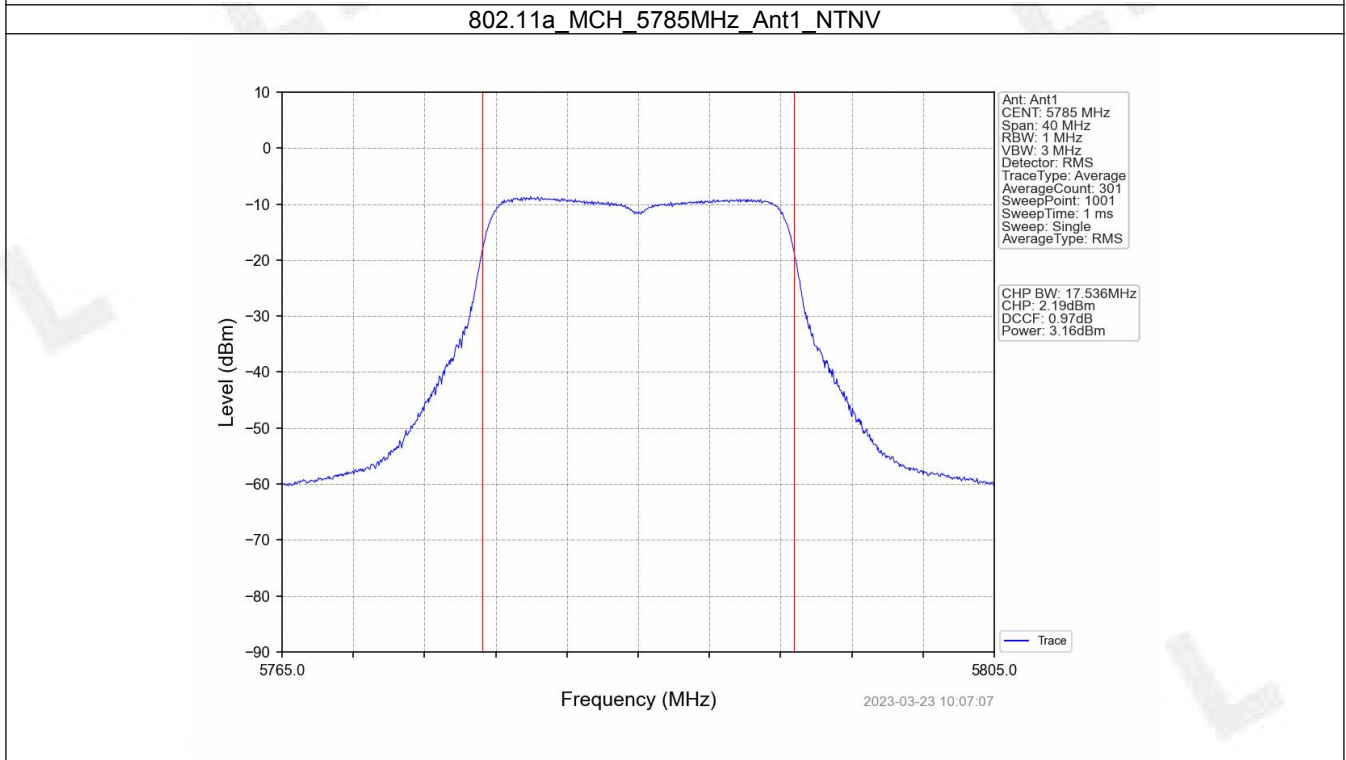
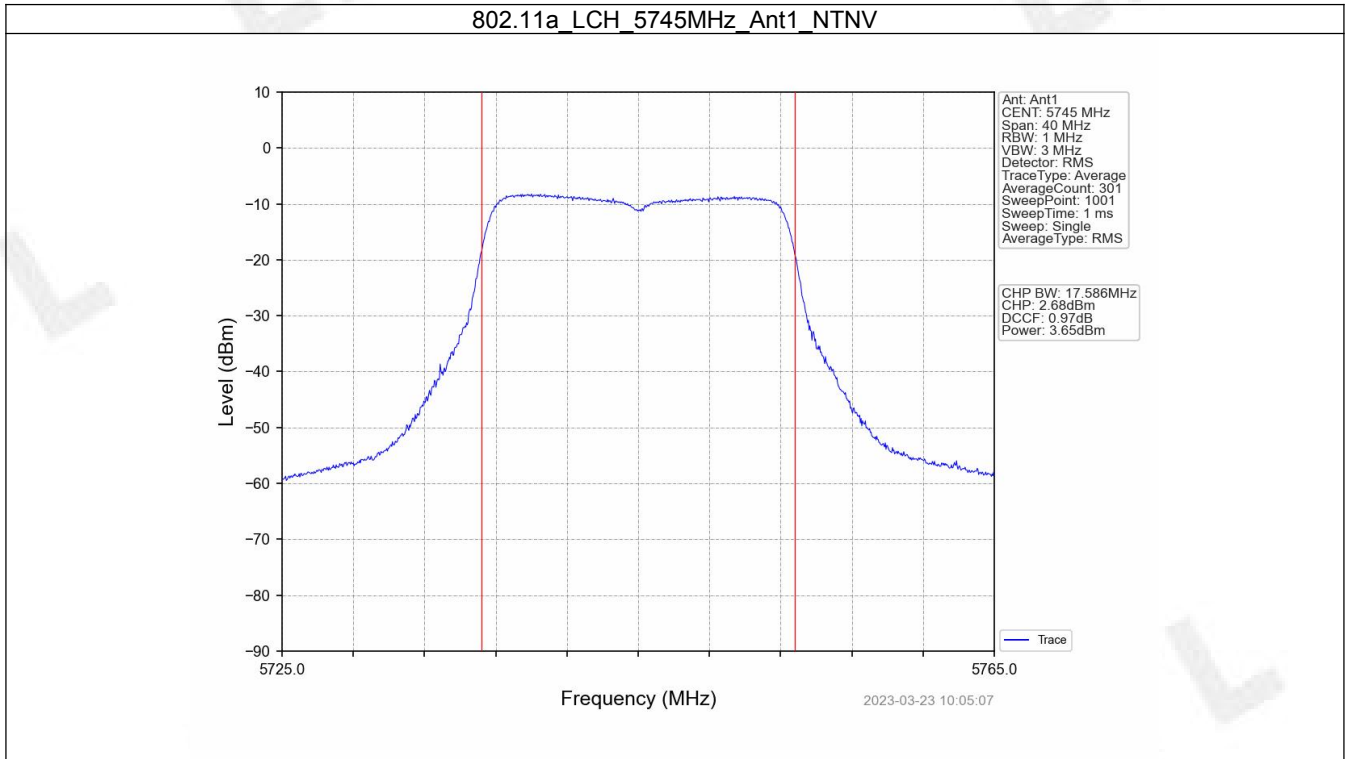
2.1 Power

2.1.1 Test Result

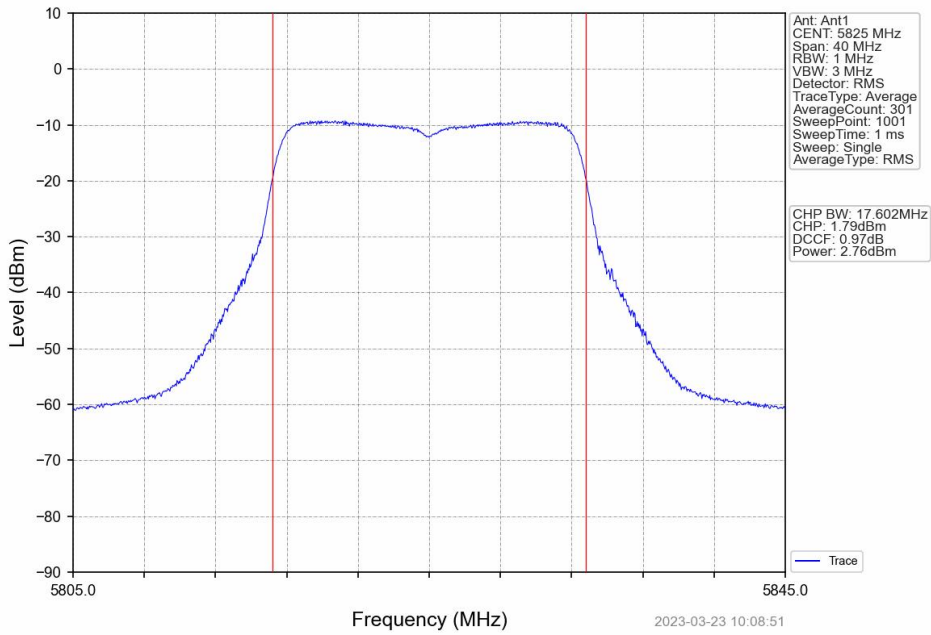
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	3.65	<=30	Pass
		5785	3.16	<=30	Pass
		5825	2.76	<=30	Pass
802.11n (HT20)	SISO	5745	3.54	<=30	Pass
		5785	3.38	<=30	Pass
		5825	2.93	<=30	Pass
802.11n (HT40)	SISO	5755	3.21	<=30	Pass
		5795	2.72	<=30	Pass
802.11ac (VHT20)	SISO	5745	3.54	<=30	Pass
		5785	3.19	<=30	Pass
		5825	2.90	<=30	Pass
802.11ac (VHT40)	SISO	5755	3.12	<=30	Pass
		5795	2.78	<=30	Pass
802.11ac (VHT80)	SISO	5775	2.96	<=30	Pass

Note1: Antenna Gain: Ant1: 1.31dBi;

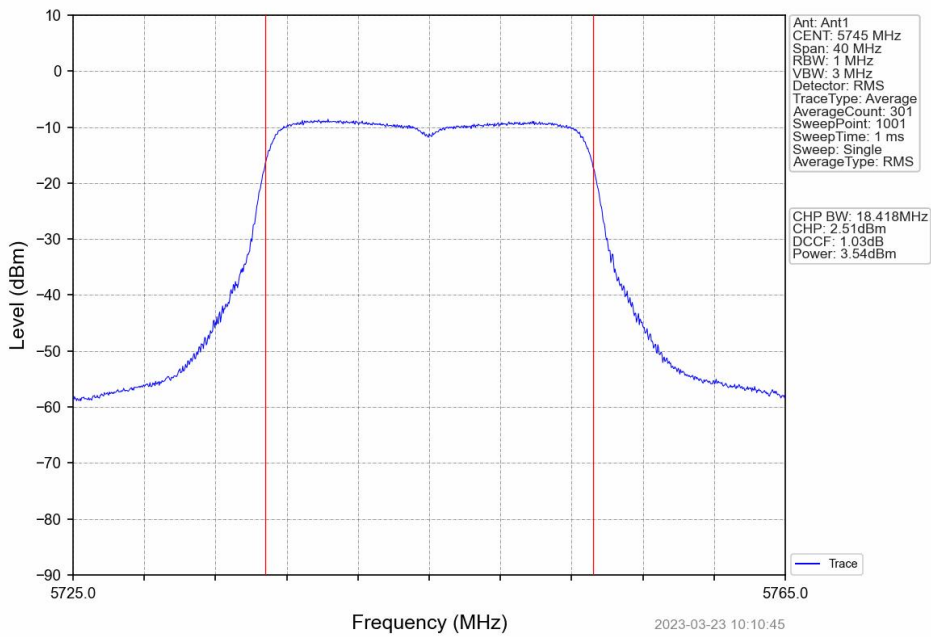
2.1.2 Test Graph



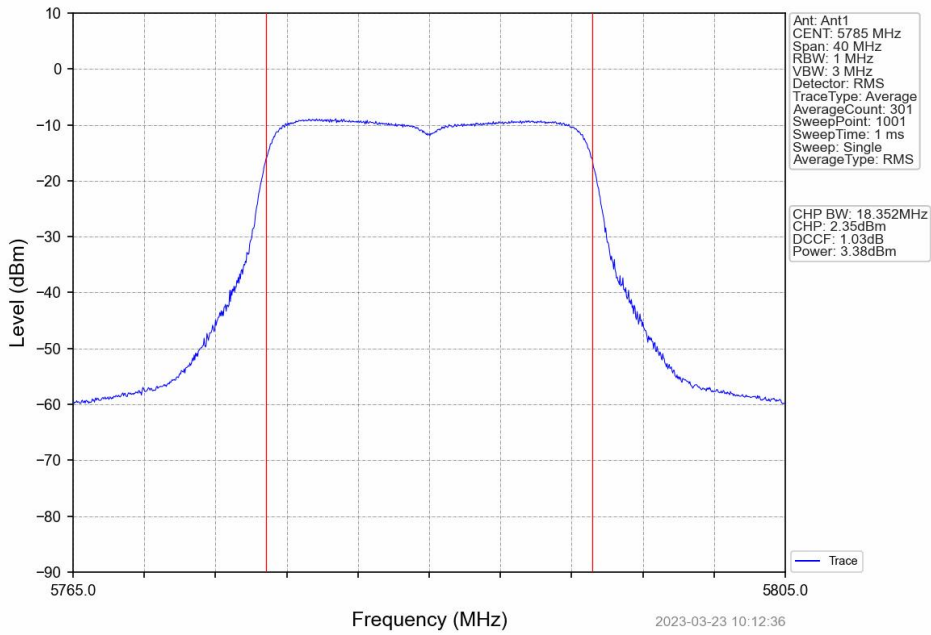
802.11a_HCH_5825MHz_Ant1_NTNV



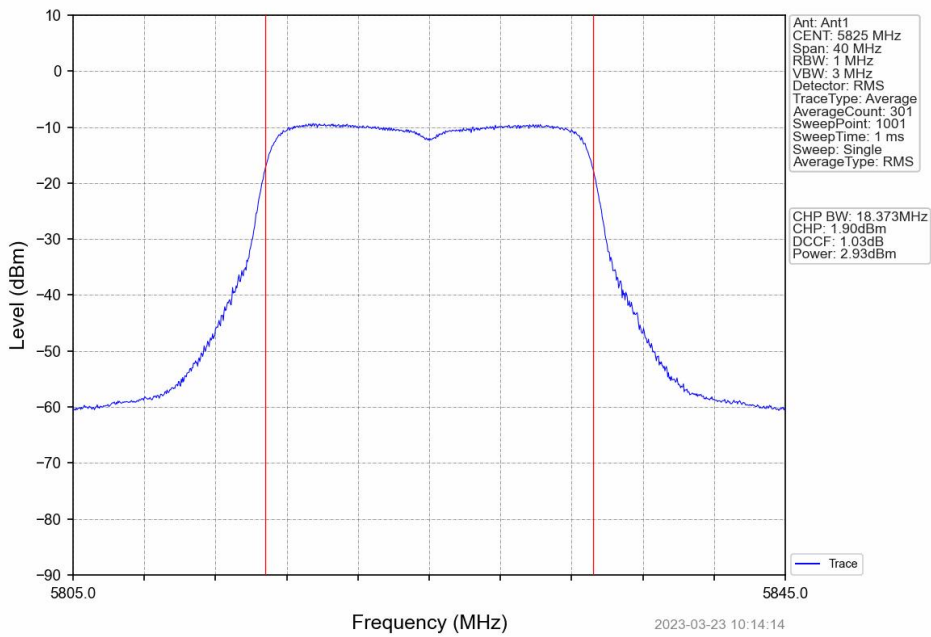
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



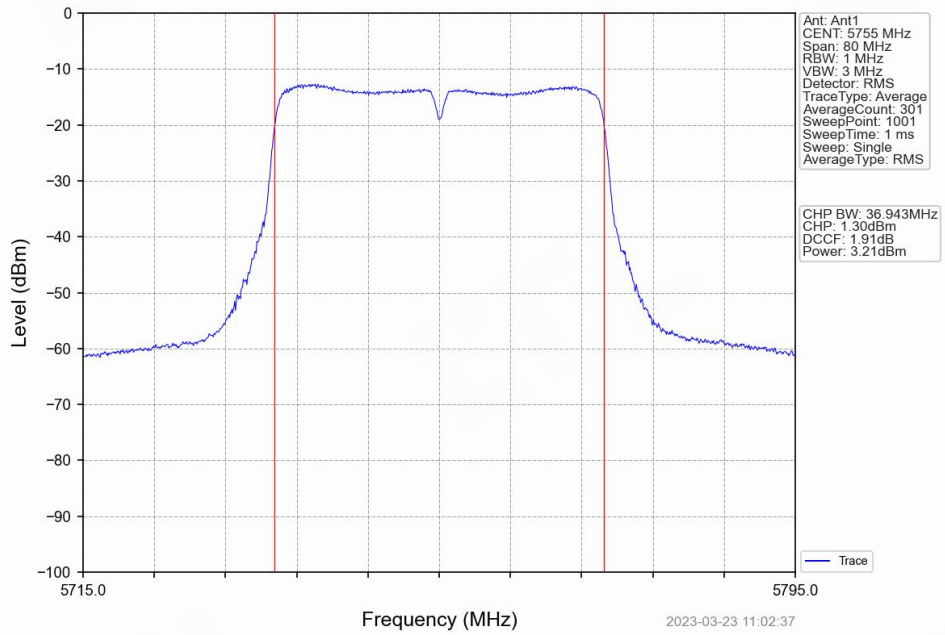
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



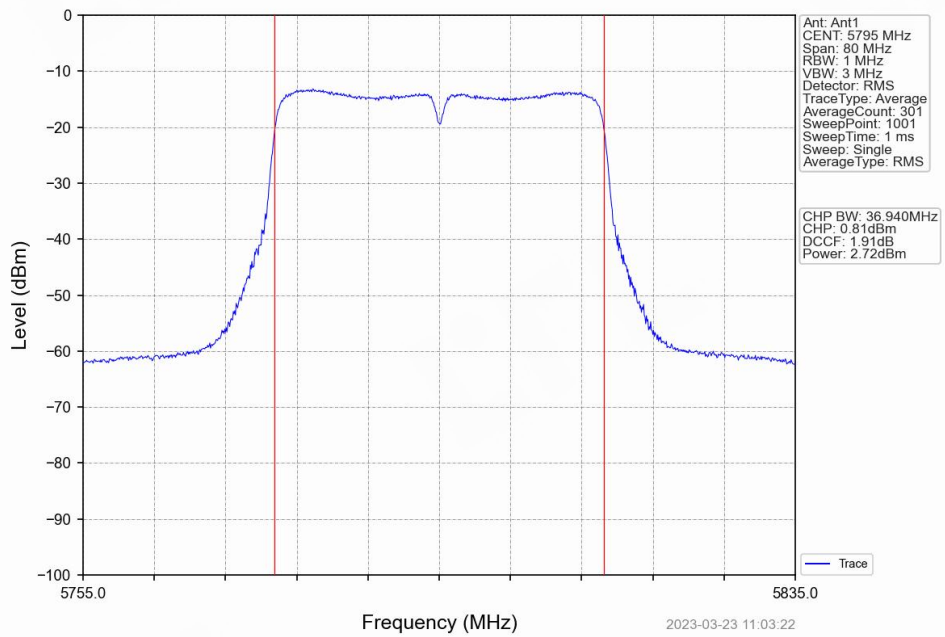
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



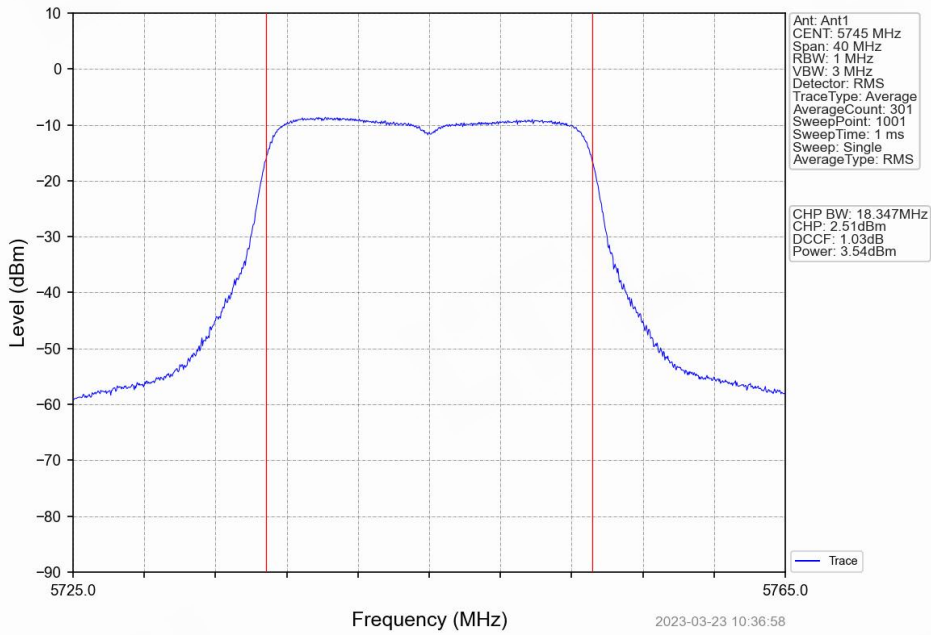
802.11n(HT40) LCH_5755MHz_Ant1_NTNV



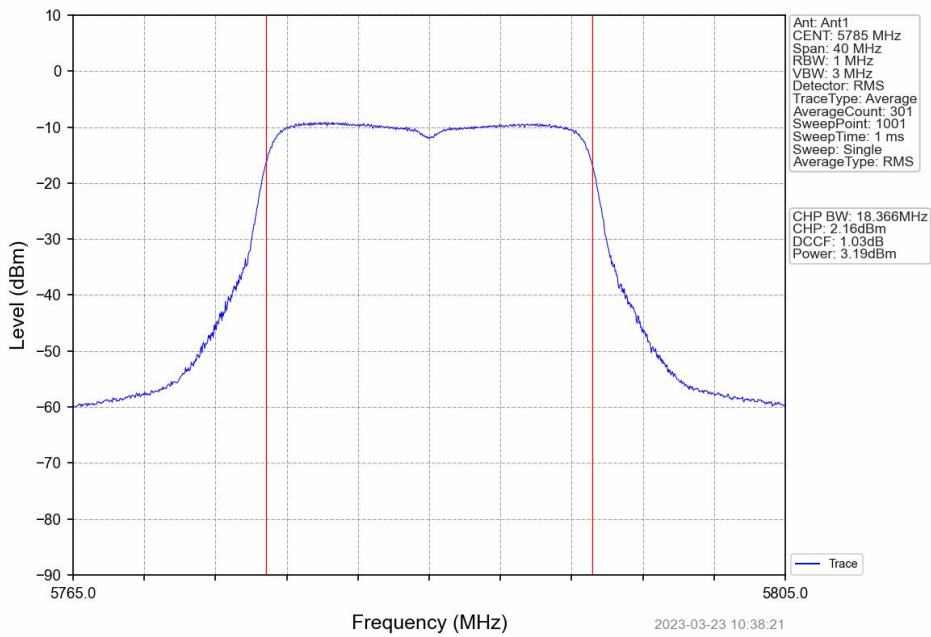
802.11n(HT40) HCH_5795MHz_Ant1_NTNV



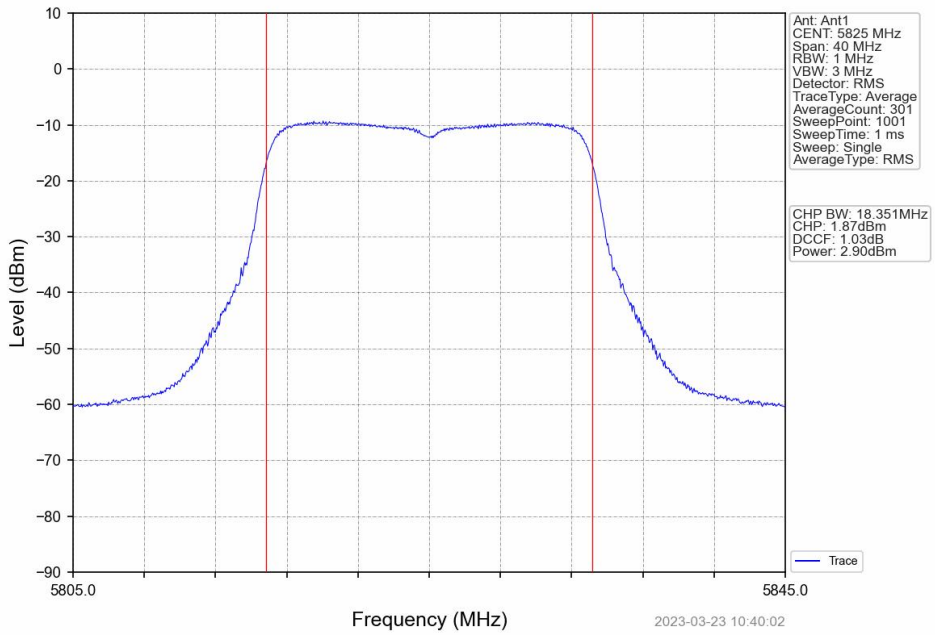
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



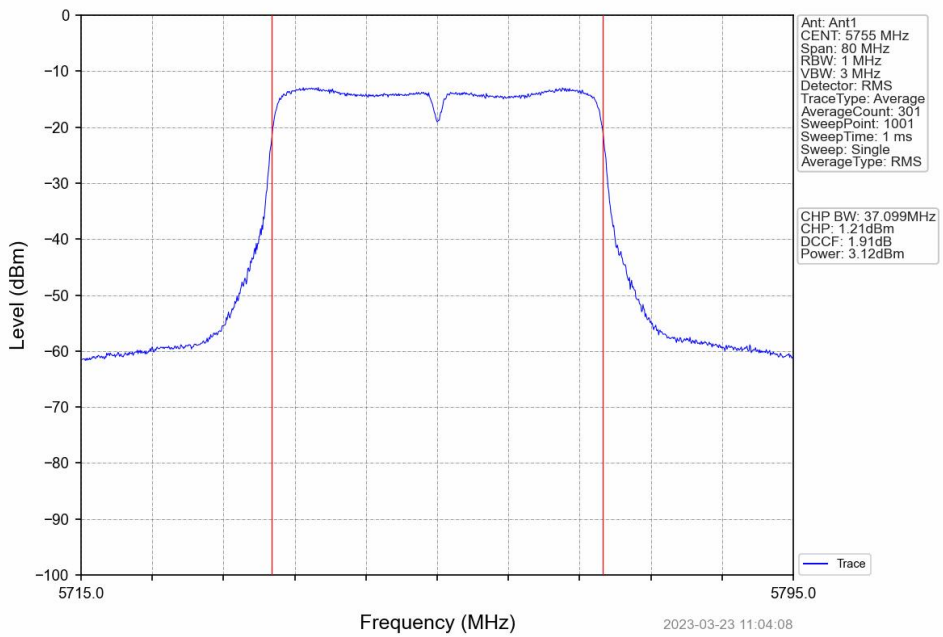
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



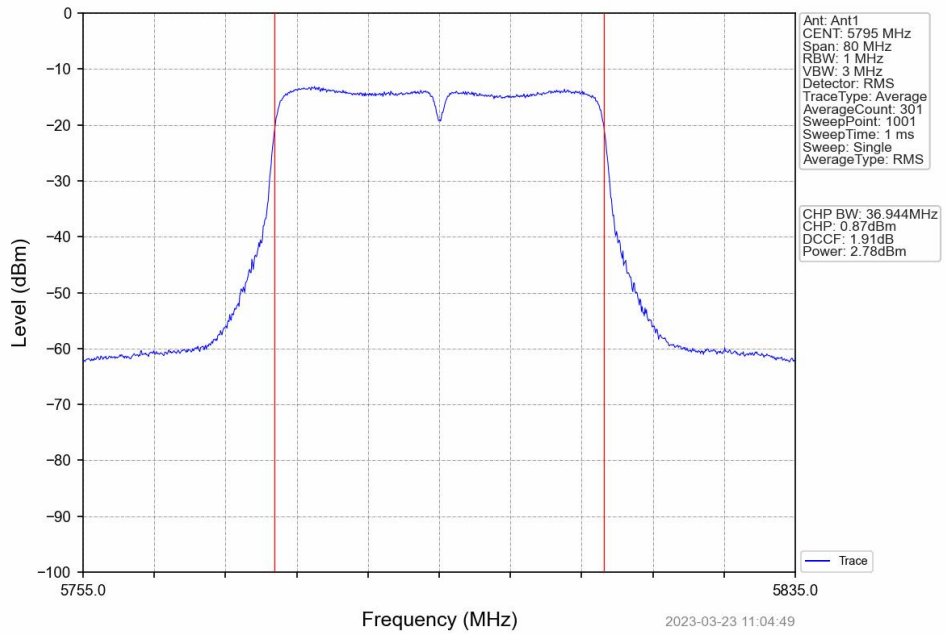
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



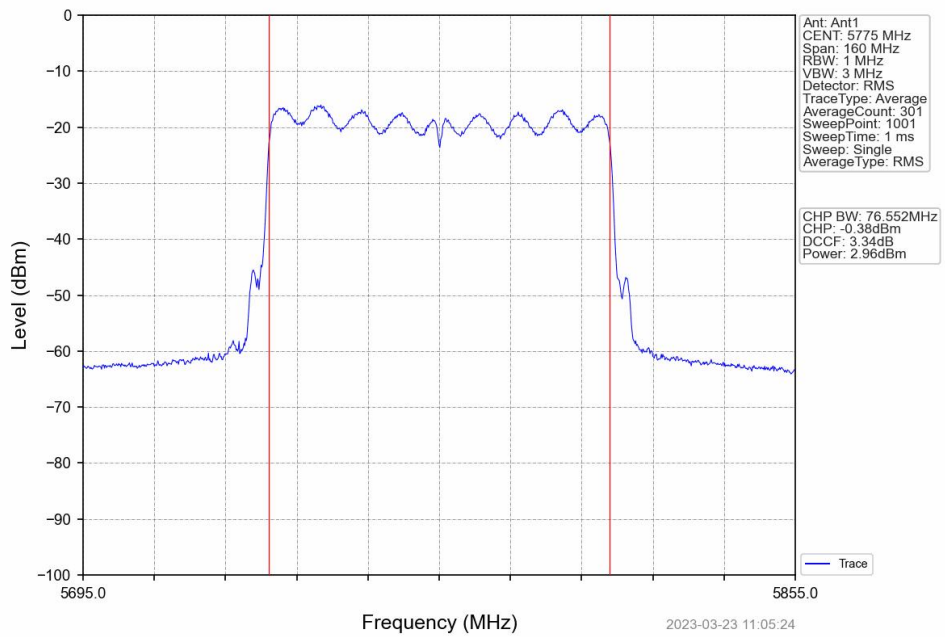
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



3. Maximum Power Spectral Density

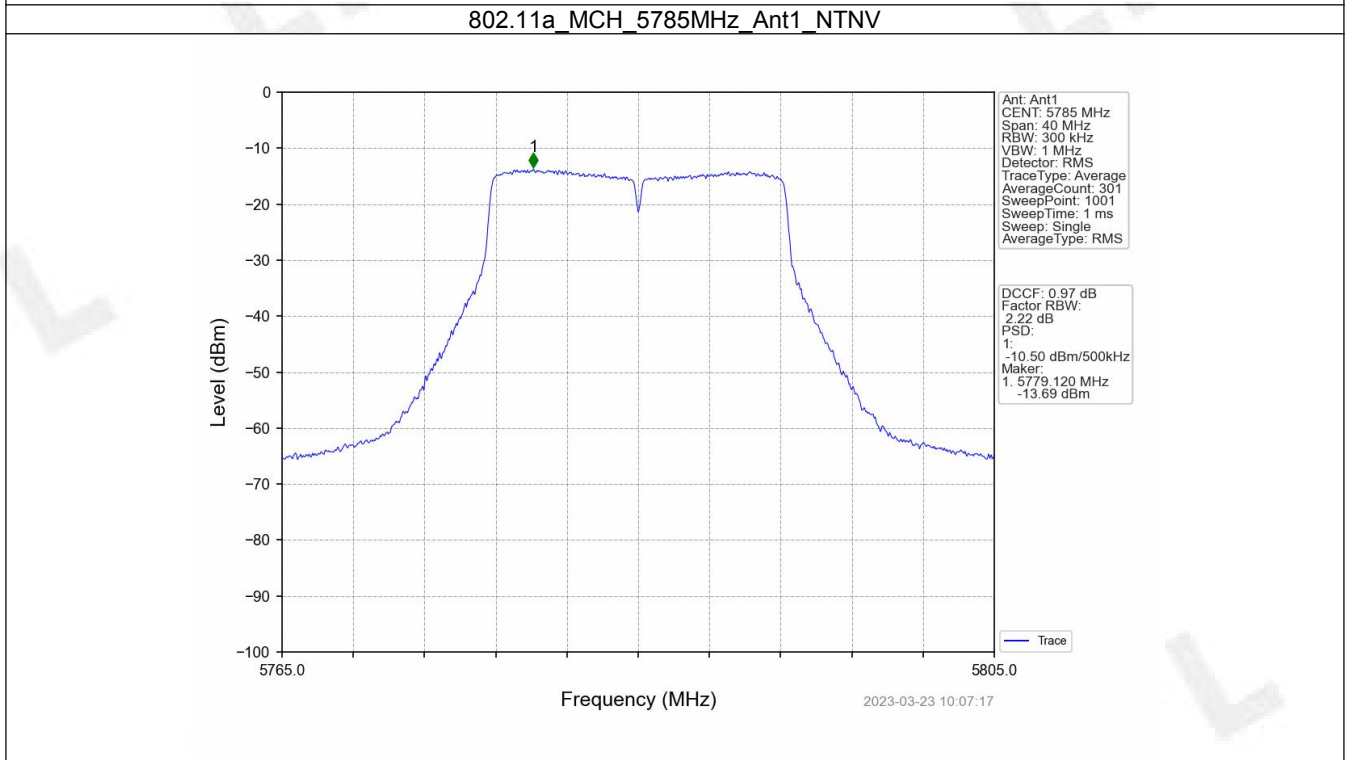
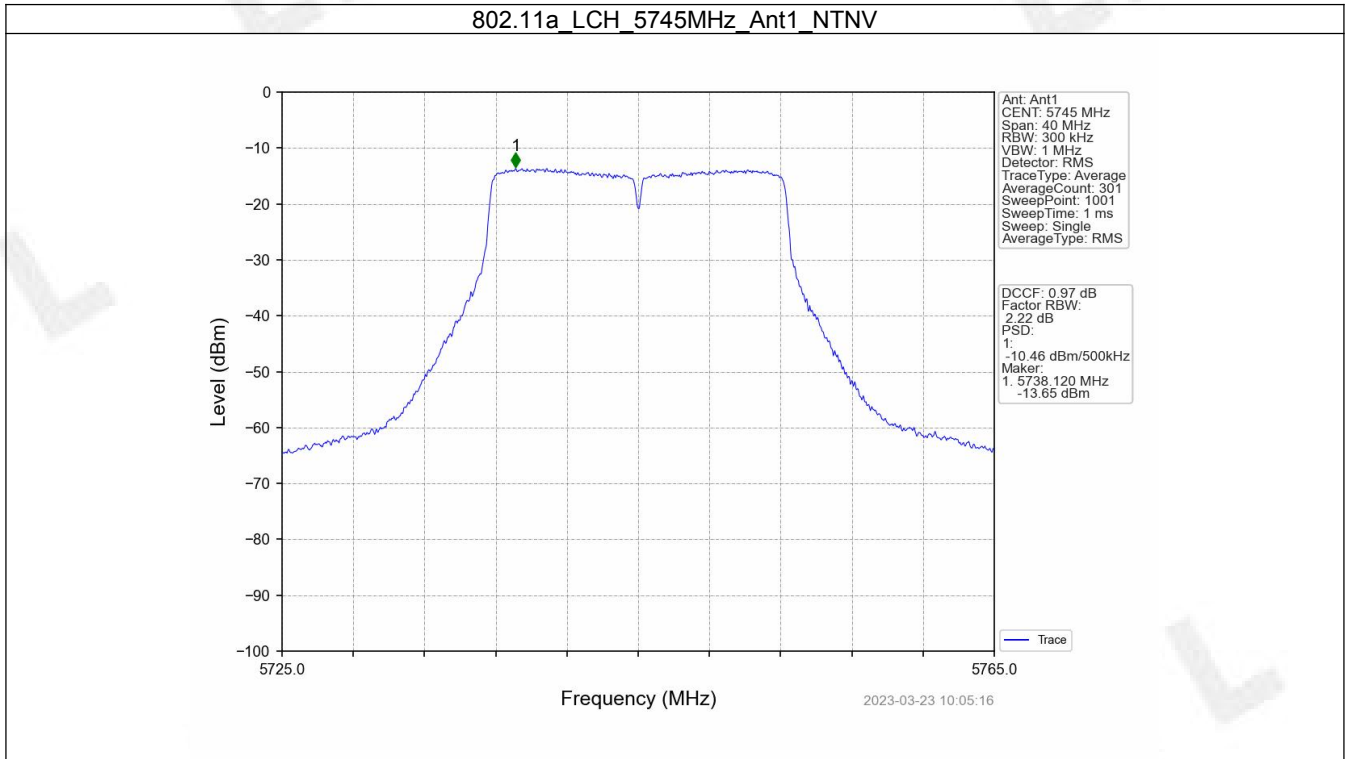
3.1 PSD-Band3

3.1.1 Test Result

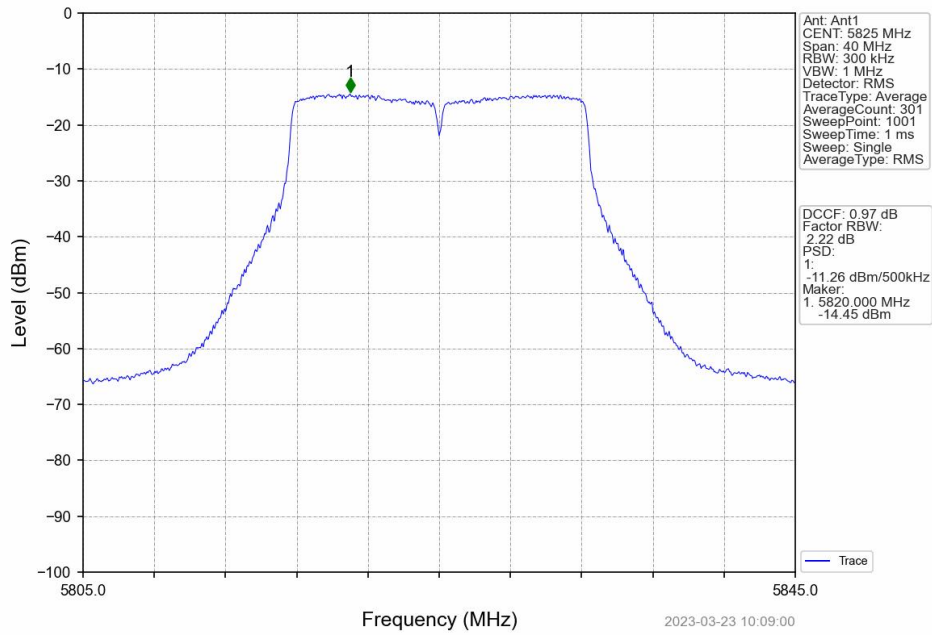
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-10.46	<=30	Pass
		5785	-10.50	<=30	Pass
		5825	-11.26	<=30	Pass
802.11n (HT20)	SISO	5745	-10.42	<=30	Pass
		5785	-10.72	<=30	Pass
		5825	-11.63	<=30	Pass
802.11n (HT40)	SISO	5755	-11.25	<=30	Pass
		5795	-11.97	<=30	Pass
802.11ac (VHT20)	SISO	5745	-10.38	<=30	Pass
		5785	-11.12	<=30	Pass
		5825	-11.43	<=30	Pass
802.11ac (VHT40)	SISO	5755	-11.48	<=30	Pass
		5795	-11.84	<=30	Pass
802.11ac (VHT80)	SISO	5775	-14.25	<=30	Pass

Note1: Antenna Gain: Ant1: 1.31dBi;

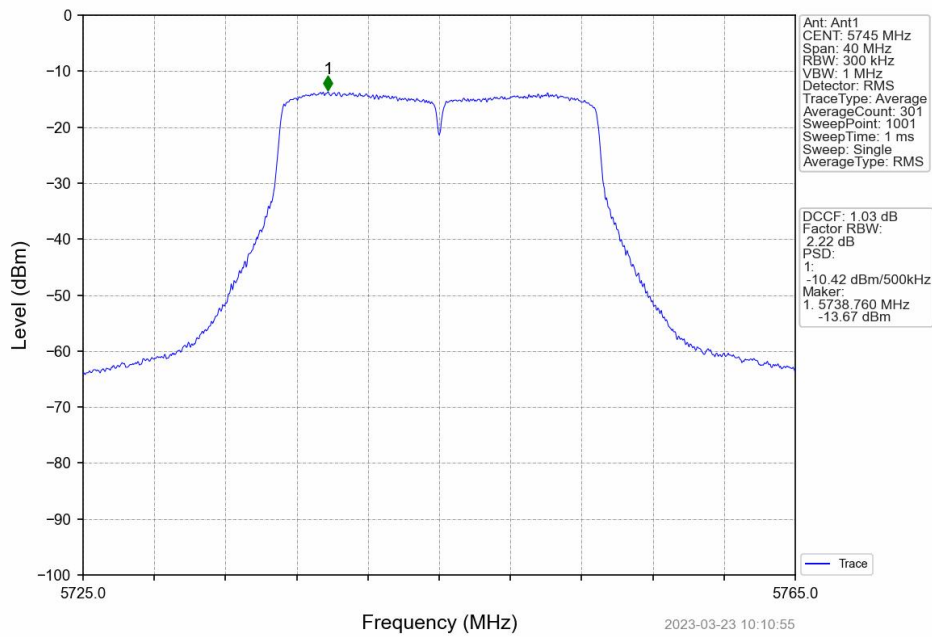
3.1.2 Test Graph



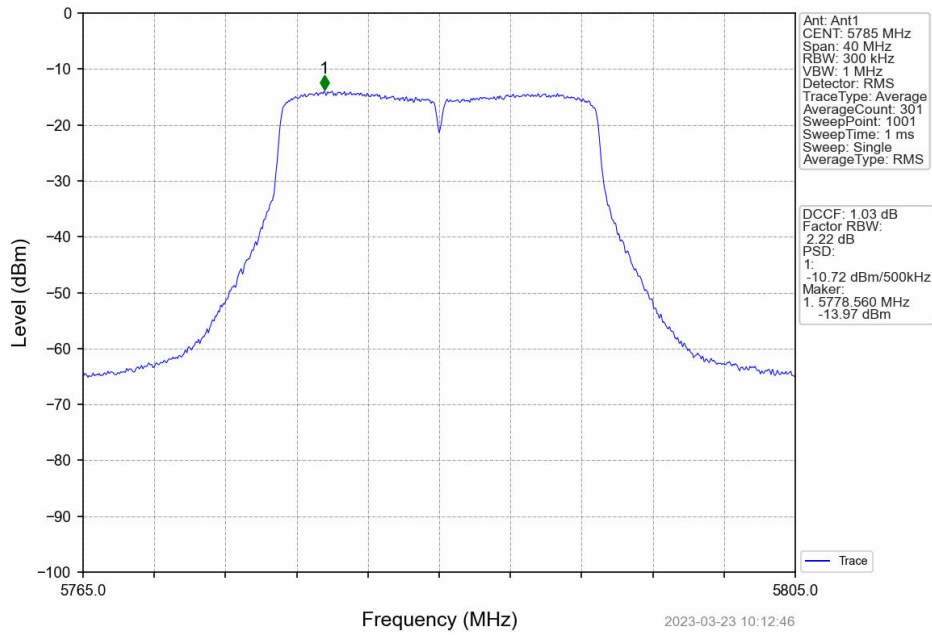
802.11a_HCH_5825MHz_Ant1_NTNV



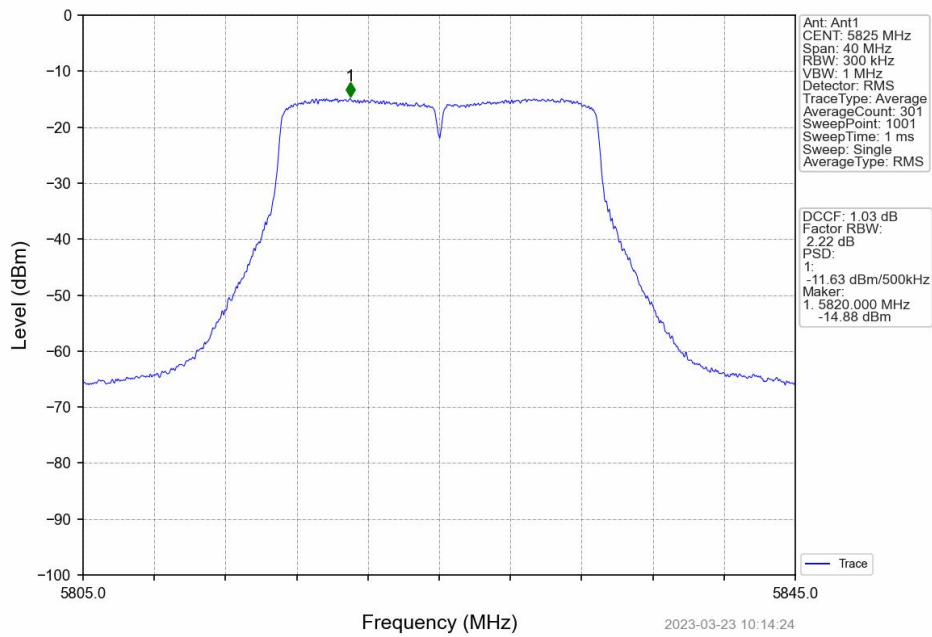
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



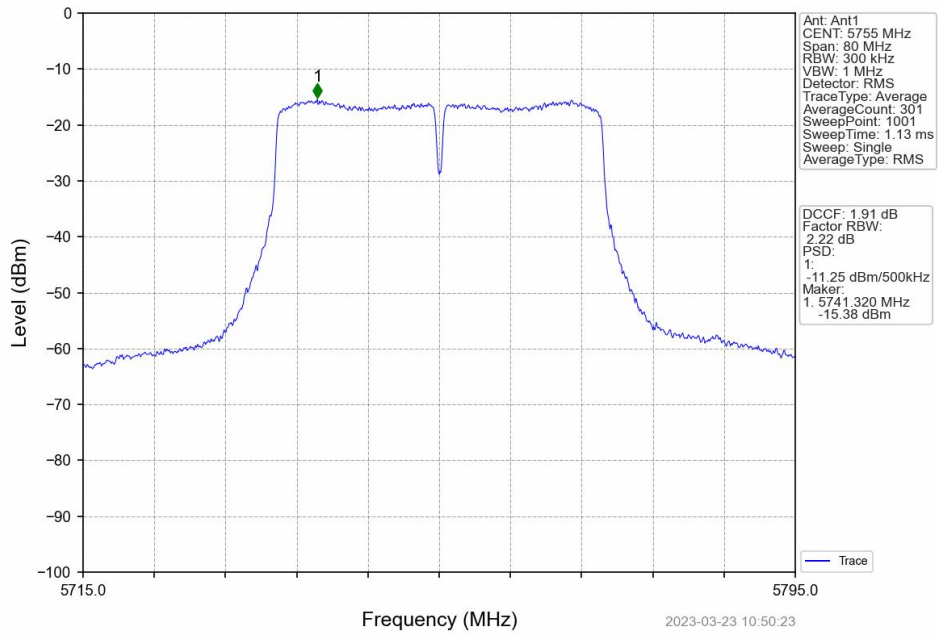
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



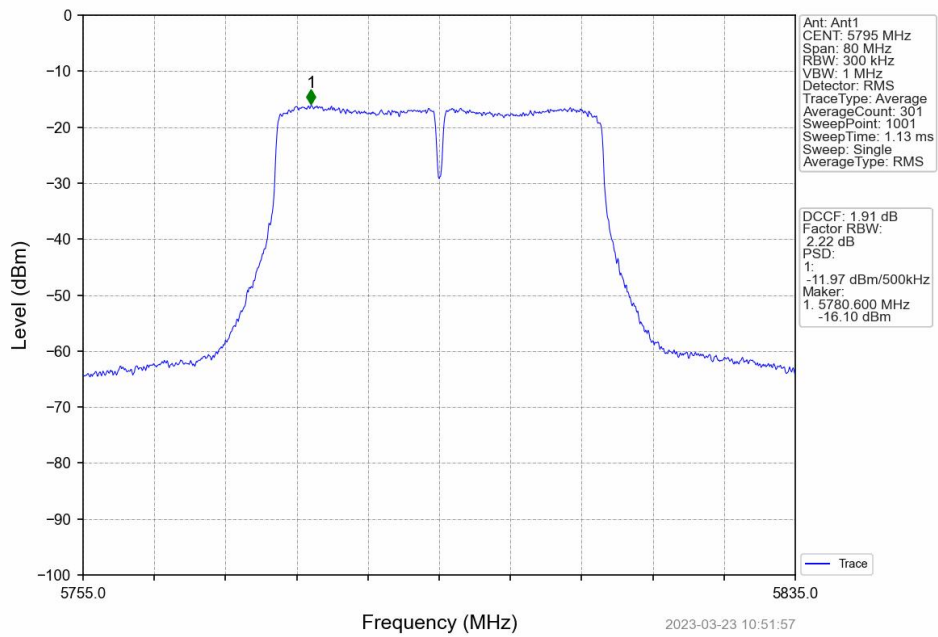
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



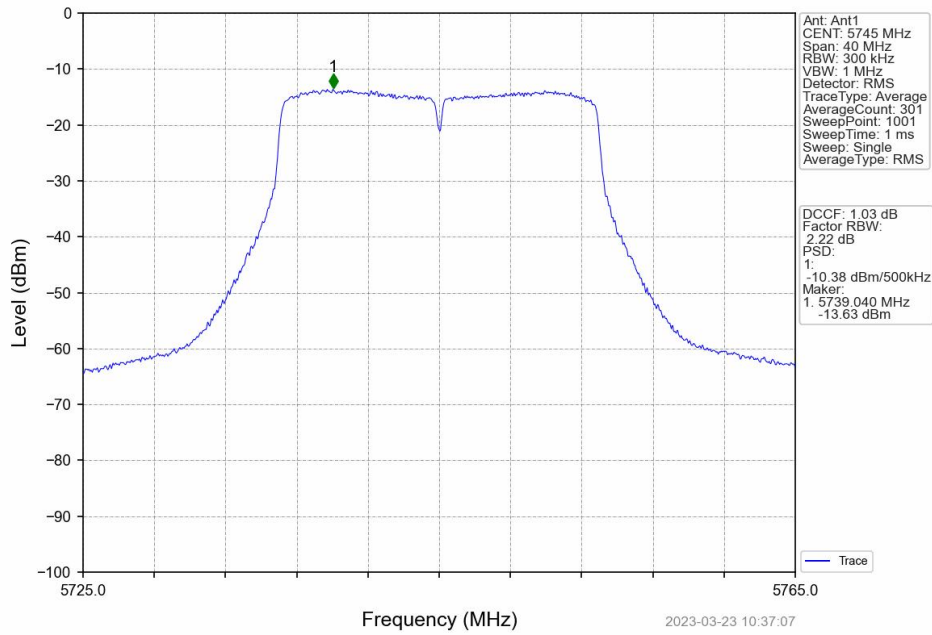
802.11n(HT40) LCH_5755MHz_Ant1_NTNV



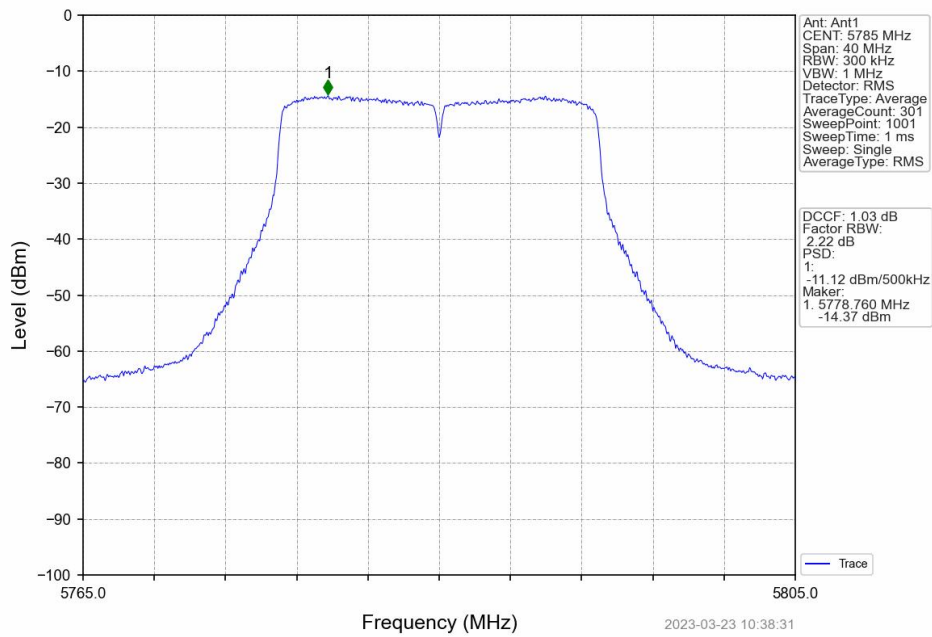
802.11n(HT40) HCH_5795MHz_Ant1_NTNV



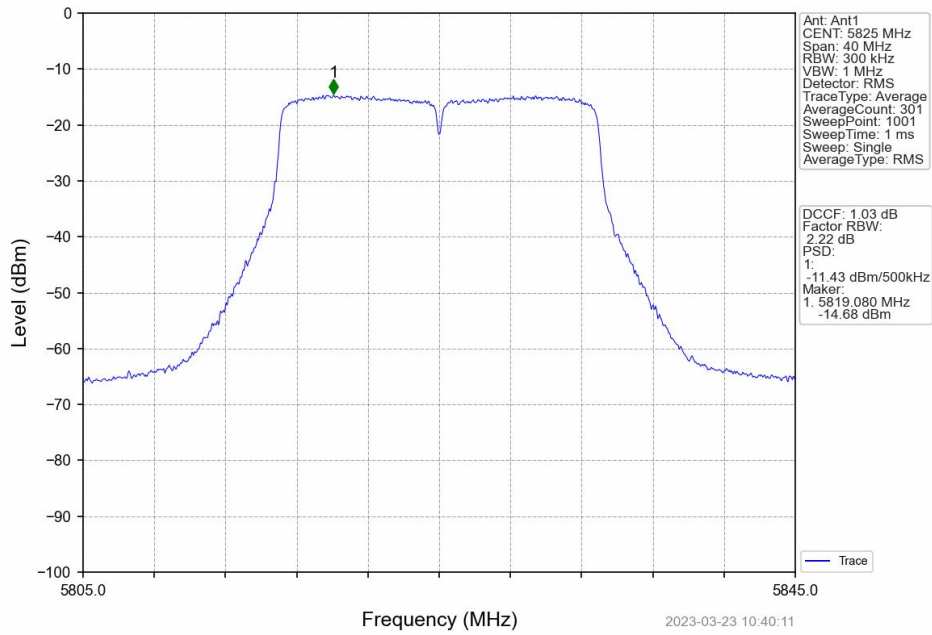
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



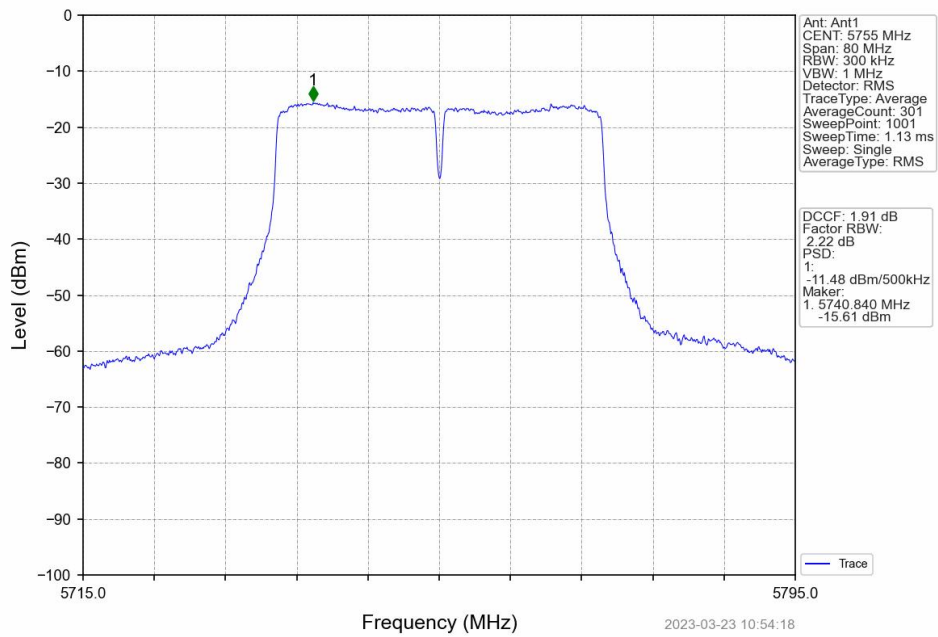
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



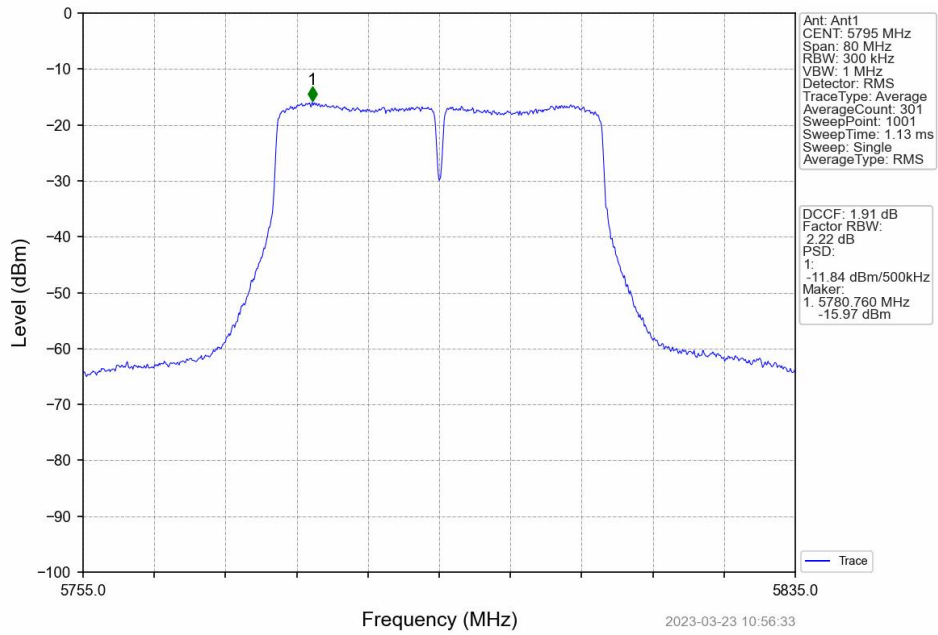
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



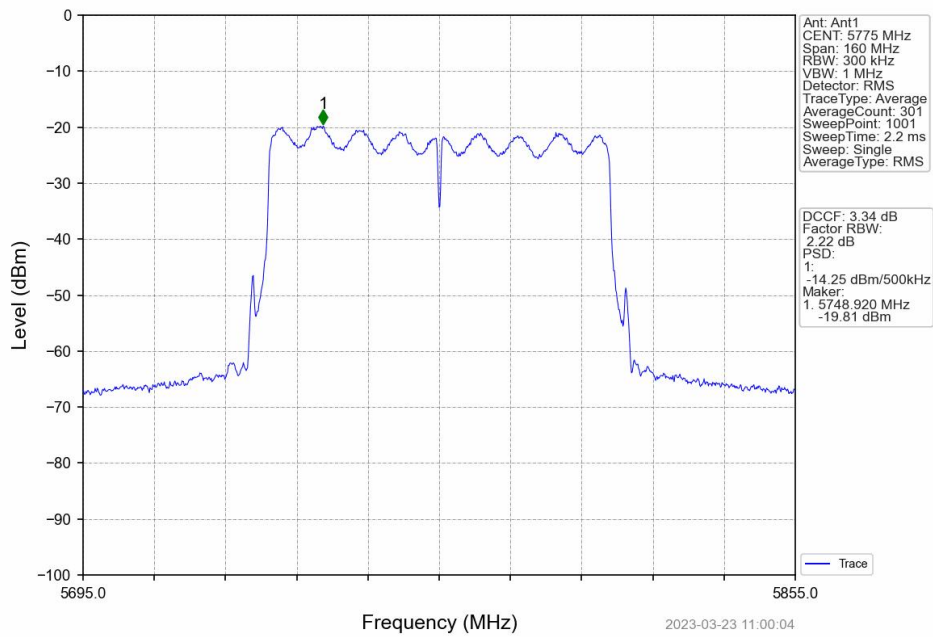
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_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	5744.966	5725 to 5850	Pass	
				120	5744.967	5725 to 5850	Pass	
				138	5744.966	5725 to 5850	Pass	
			-30	120	5744.966	5725 to 5850	Pass	
				-20	120	5744.966	5725 to 5850	Pass
					120	5744.966	5725 to 5850	Pass
			-10	120	5744.966	5725 to 5850	Pass	
				120	5744.965	5725 to 5850	Pass	
			0	120	5744.965	5725 to 5850	Pass	
				120	5744.965	5725 to 5850	Pass	
			10	120	5744.965	5725 to 5850	Pass	
				120	5744.965	5725 to 5850	Pass	
		30	120	5744.965	5725 to 5850	Pass		
			120	5744.965	5725 to 5850	Pass		
		40	120	5744.965	5725 to 5850	Pass		
			120	5744.965	5725 to 5850	Pass		
		50	120	5744.965	5725 to 5850	Pass		
			120	5744.965	5725 to 5850	Pass		
		5785	20	5785	102	5784.966	5725 to 5850	Pass
					120	5784.966	5725 to 5850	Pass
					138	5784.965	5725 to 5850	Pass
			-30	120	5784.965	5725 to 5850	Pass	
				-20	120	5784.965	5725 to 5850	Pass
					120	5784.965	5725 to 5850	Pass
			-10	120	5784.965	5725 to 5850	Pass	
				120	5784.965	5725 to 5850	Pass	
			0	120	5784.965	5725 to 5850	Pass	
				120	5784.965	5725 to 5850	Pass	
			10	120	5784.965	5725 to 5850	Pass	
				120	5784.965	5725 to 5850	Pass	
		30	120	5784.965	5725 to 5850	Pass		
			120	5784.965	5725 to 5850	Pass		
		40	120	5784.965	5725 to 5850	Pass		
			120	5784.965	5725 to 5850	Pass		
		50	120	5784.965	5725 to 5850	Pass		
			120	5784.965	5725 to 5850	Pass		
		5825	20	5825	102	5824.965	5725 to 5850	Pass
					120	5824.965	5725 to 5850	Pass
					138	5824.965	5725 to 5850	Pass
			-30	120	5824.965	5725 to 5850	Pass	
				-20	120	5824.965	5725 to 5850	Pass
					120	5824.965	5725 to 5850	Pass
			-10	120	5824.965	5725 to 5850	Pass	
				120	5824.965	5725 to 5850	Pass	
			0	120	5824.965	5725 to 5850	Pass	
				120	5824.965	5725 to 5850	Pass	
			10	120	5824.965	5725 to 5850	Pass	
				120	5824.965	5725 to 5850	Pass	
30	120	5824.965	5725 to 5850	Pass				
	120	5824.965	5725 to 5850	Pass				
40	120	5824.964	5725 to 5850	Pass				
	120	5824.964	5725 to 5850	Pass				
50	120	5824.964	5725 to 5850	Pass				
	120	5824.964	5725 to 5850	Pass				
5755	20	5755	102	5754.966	5725 to 5850	Pass		
			120	5754.965	5725 to 5850	Pass		
			138	5754.965	5725 to 5850	Pass		
	-30	120	5754.965	5725 to 5850	Pass			
		-20	120	5754.965	5725 to 5850	Pass		
			120	5754.965	5725 to 5850	Pass		
	-10	120	5754.965	5725 to 5850	Pass			
		120	5754.965	5725 to 5850	Pass			
	0	120	5754.965	5725 to 5850	Pass			
		120	5754.965	5725 to 5850	Pass			
	10	120	5754.965	5725 to 5850	Pass			
		120	5754.965	5725 to 5850	Pass			
30	120	5754.965	5725 to 5850	Pass				
	120	5754.965	5725 to 5850	Pass				
40	120	5754.965	5725 to 5850	Pass				
	120	5754.965	5725 to 5850	Pass				
50	120	5754.965	5725 to 5850	Pass				
	120	5754.965	5725 to 5850	Pass				
5795	20	5795	102	5794.965	5725 to 5850	Pass		
			120	5794.965	5725 to 5850	Pass		
			138	5794.965	5725 to 5850	Pass		

		-30	120	5794.965	5725 to 5850	Pass	
		-20	120	5794.965	5725 to 5850	Pass	
		-10	120	5794.965	5725 to 5850	Pass	
		0	120	5794.964	5725 to 5850	Pass	
		10	120	5794.964	5725 to 5850	Pass	
		30	120	5794.964	5725 to 5850	Pass	
		40	120	5794.964	5725 to 5850	Pass	
		50	120	5794.964	5725 to 5850	Pass	
		5775	20	102	5774.965	5725 to 5850	Pass
				120	5774.965	5725 to 5850	Pass
	138			5774.965	5725 to 5850	Pass	
	-30		120	5774.965	5725 to 5850	Pass	
	-20		120	5774.965	5725 to 5850	Pass	
	-10		120	5774.965	5725 to 5850	Pass	
	0		120	5774.965	5725 to 5850	Pass	
	10		120	5774.965	5725 to 5850	Pass	
	30		120	5774.965	5725 to 5850	Pass	
	40		120	5774.965	5725 to 5850	Pass	
	50	120	5774.965	5725 to 5850	Pass		