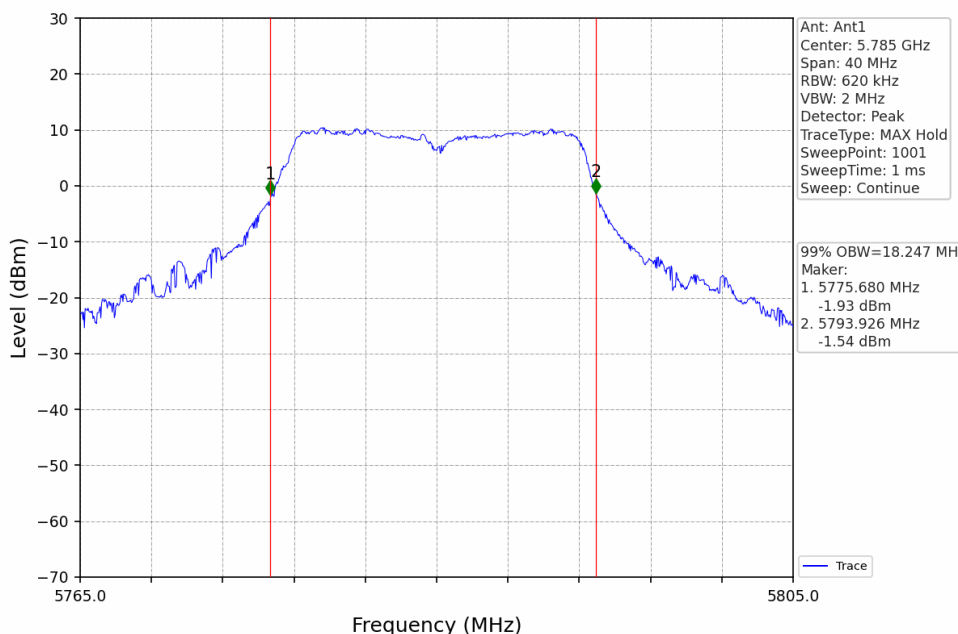
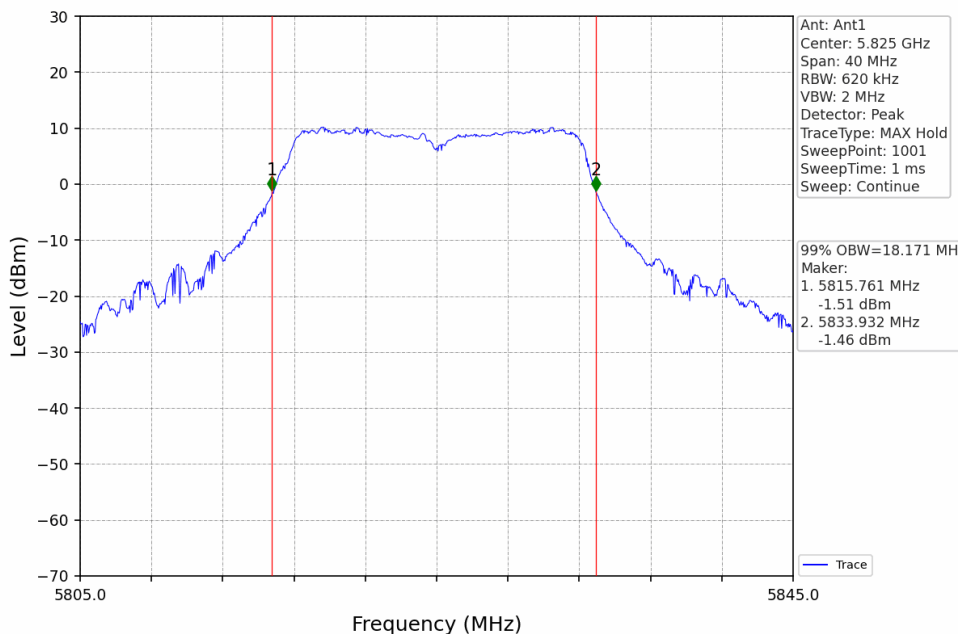


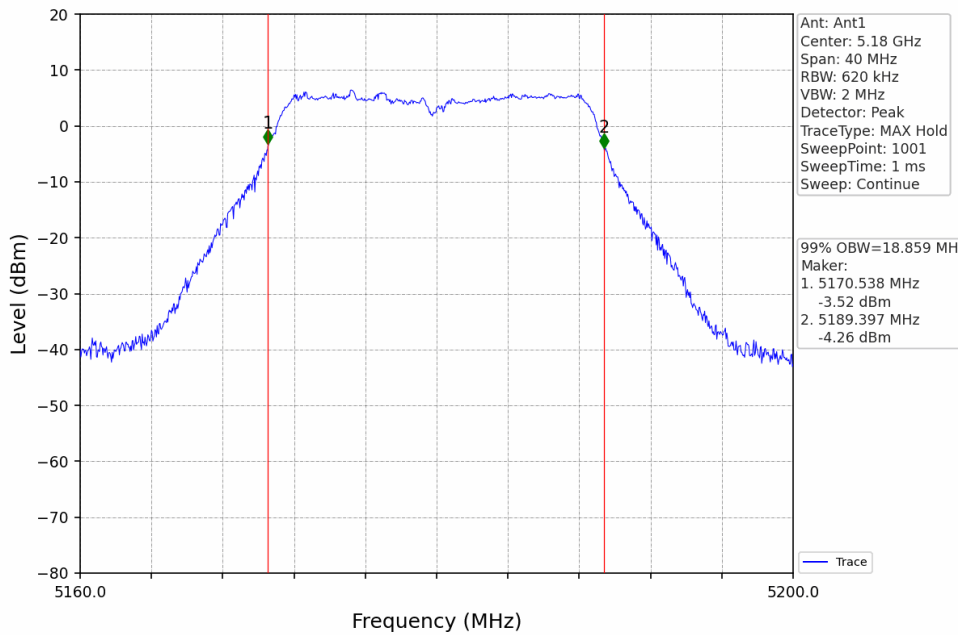
802.11a_MCH_5785MHz_Ant1_NTNV



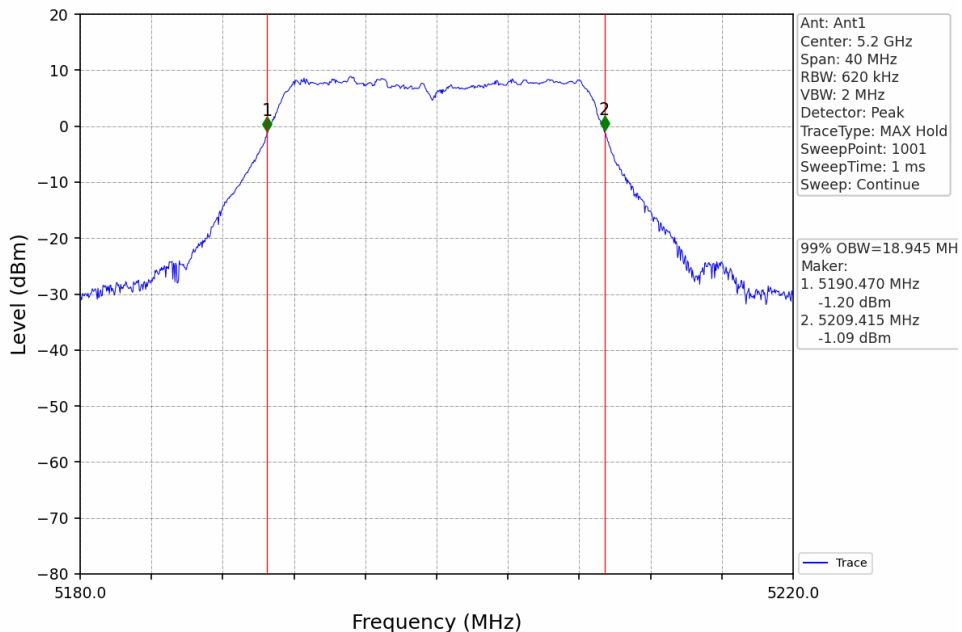
802.11a_HCH_5825MHz_Ant1_NTNV



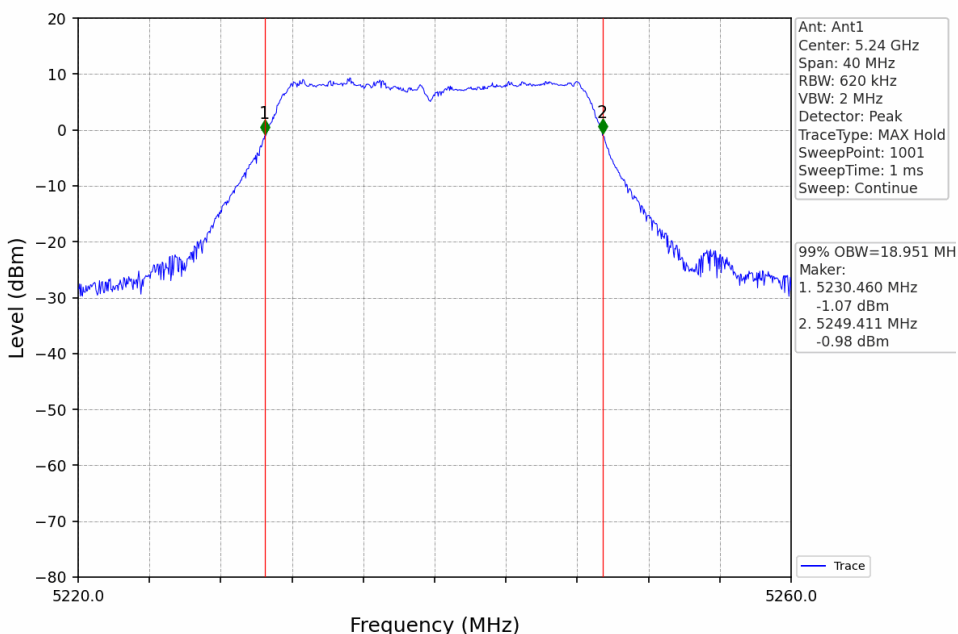
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



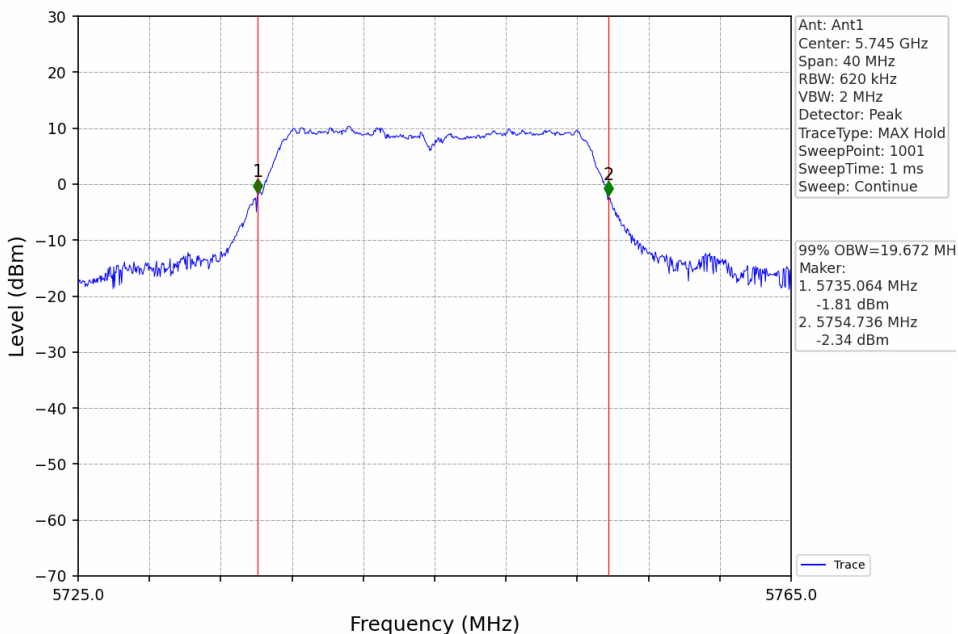
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



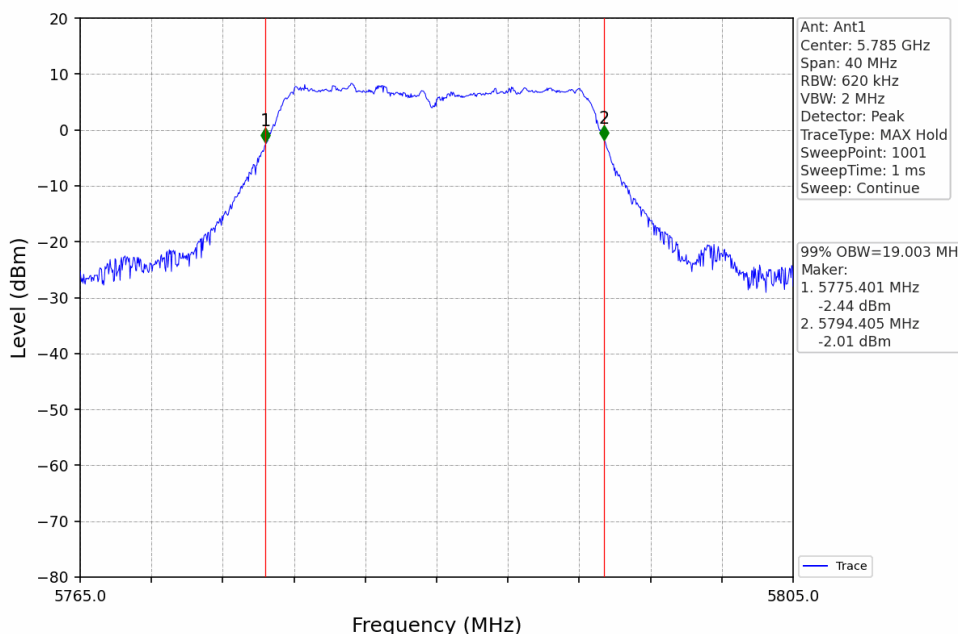
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



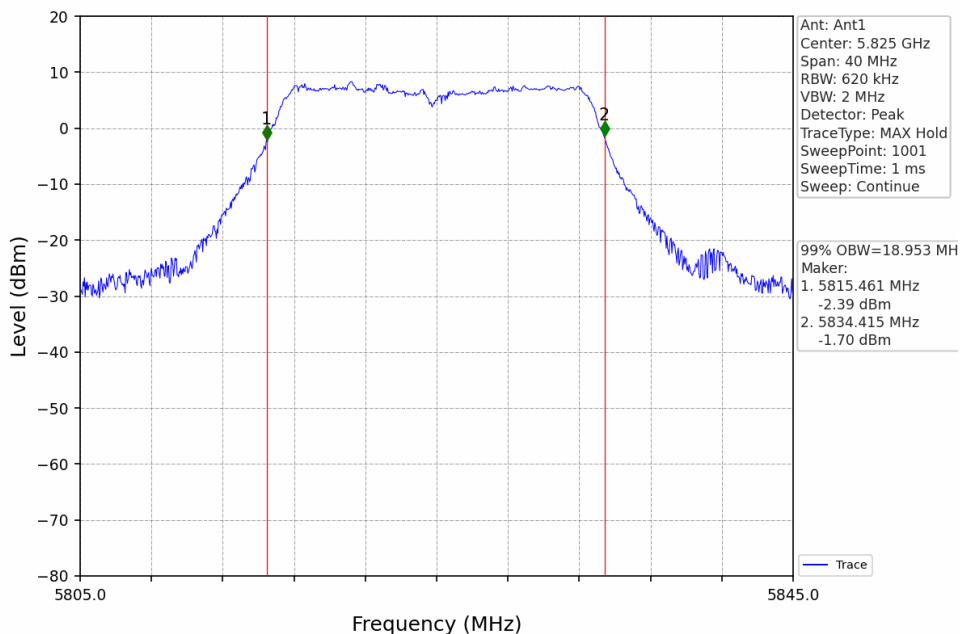
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

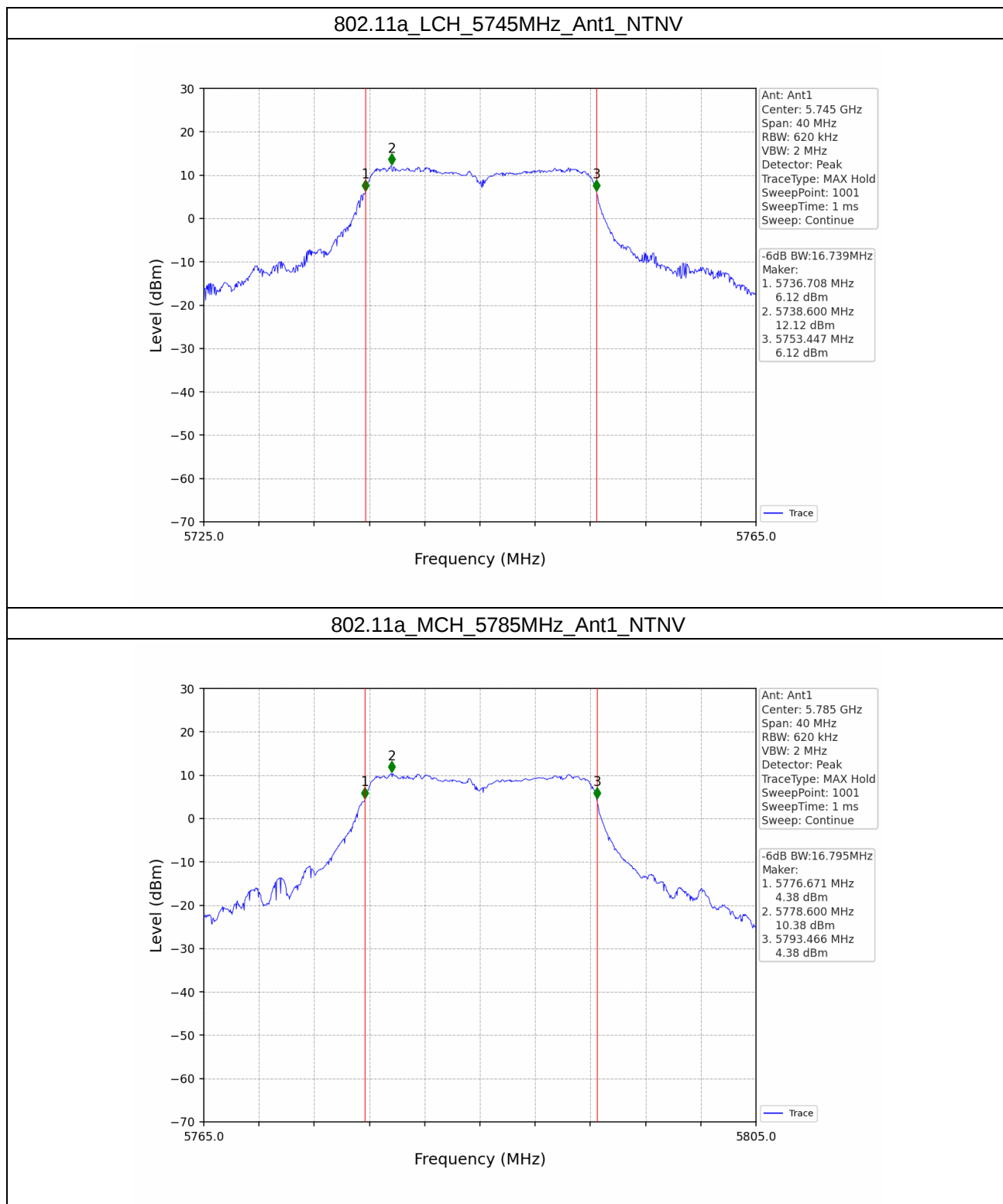


2.2 6dB BW

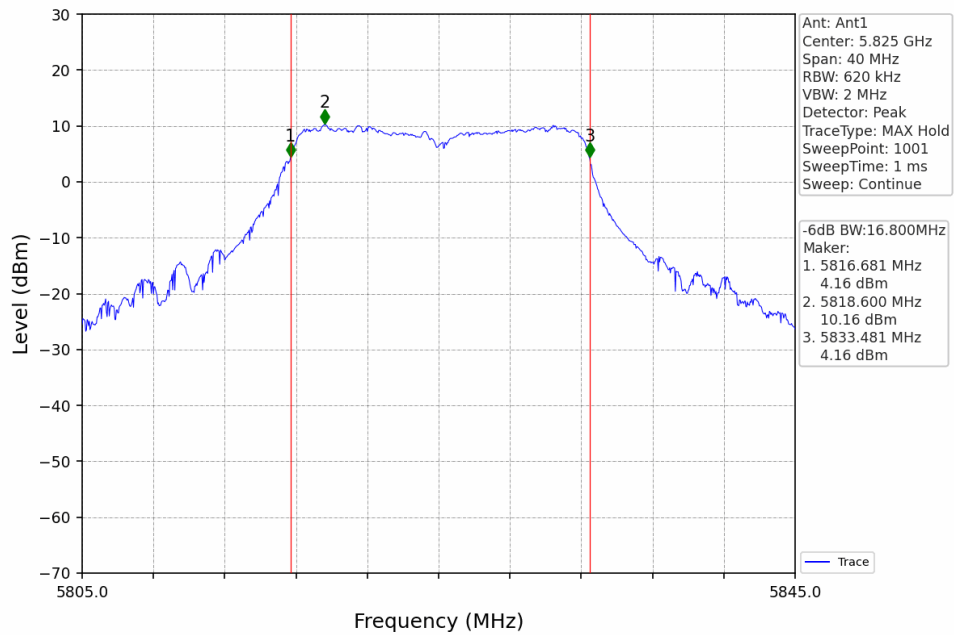
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.739	≥ 0.5	Pass
		5785	1	16.795	≥ 0.5	Pass
		5825	1	16.800	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	17.958	≥ 0.5	Pass
		5785	1	17.890	≥ 0.5	Pass
		5825	1	17.906	≥ 0.5	Pass

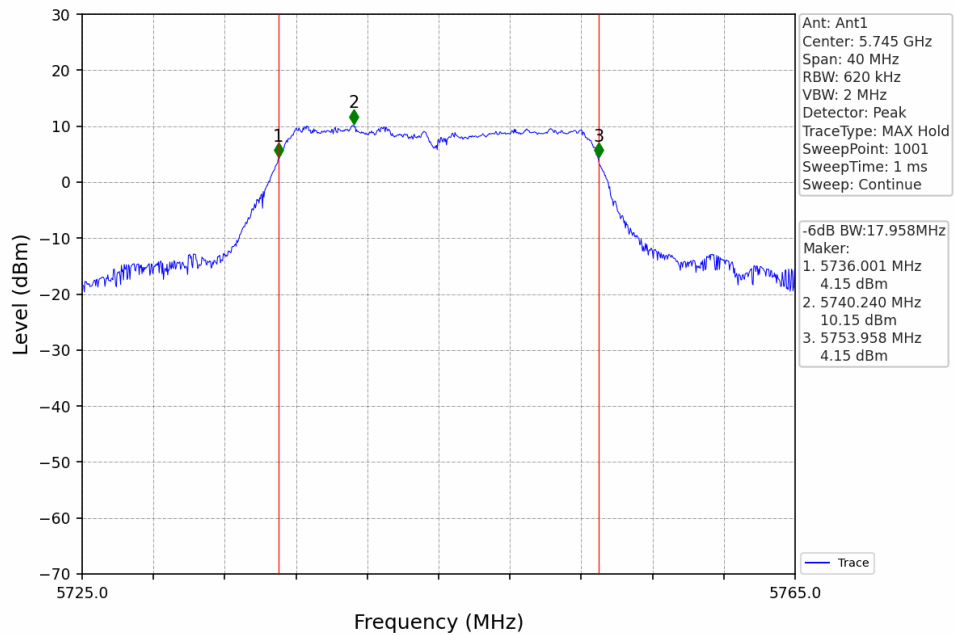
2.2.2 Test Graph



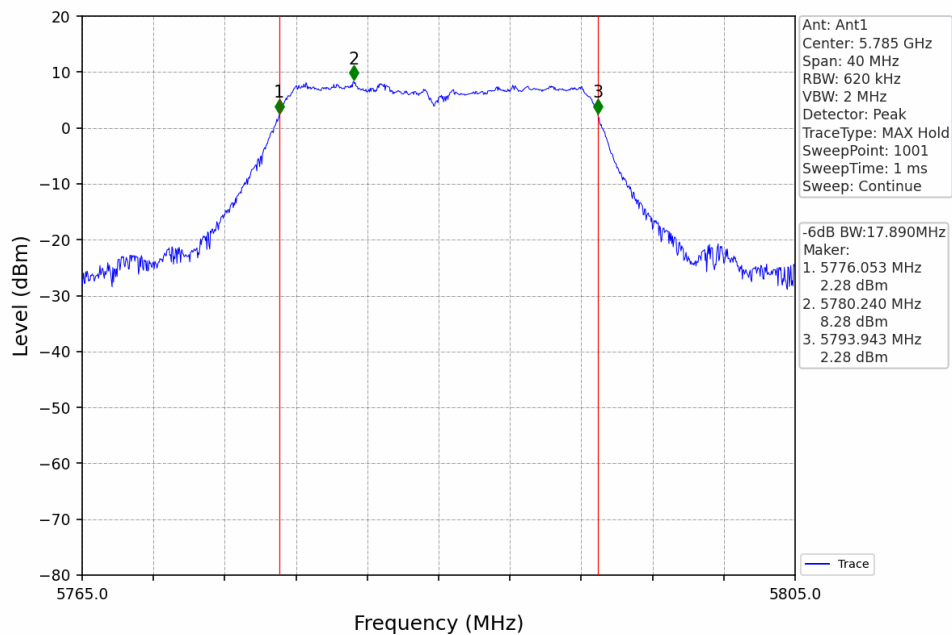
802.11a_HCH_5825MHz_Ant1_NTNV



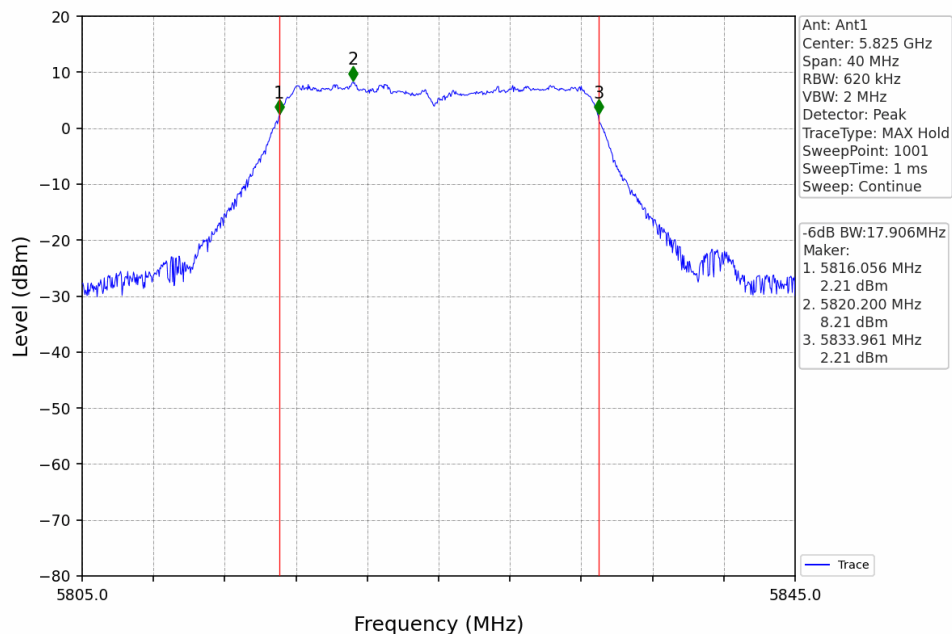
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

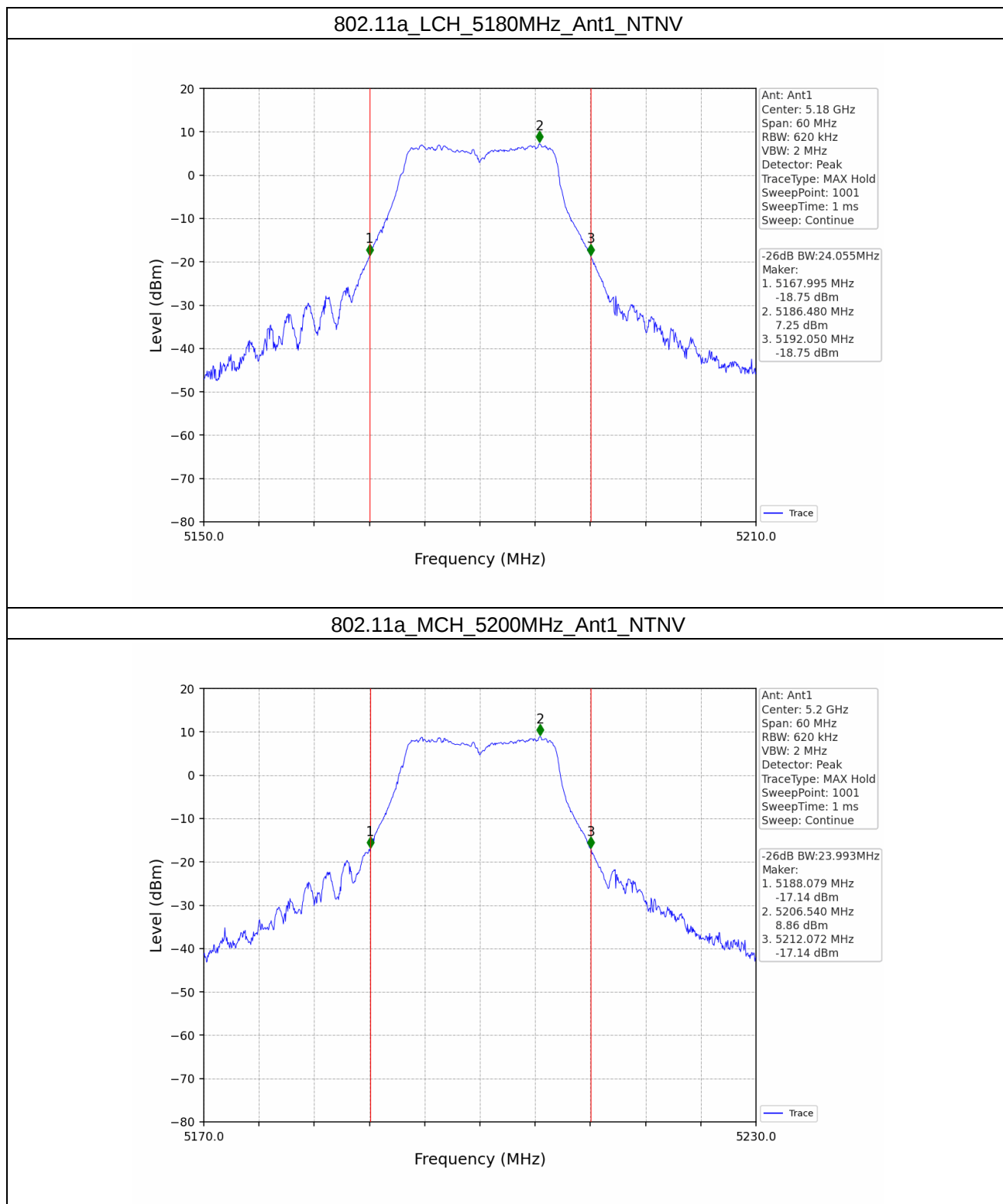


2.3 26dB BW

2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	26dB Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	24.055	Pass
		5200	1	23.993	Pass
		5240	1	24.673	Pass
802.11n (HT20)	SISO	5180	1	24.741	Pass
		5200	1	24.945	Pass
		5240	1	24.731	Pass

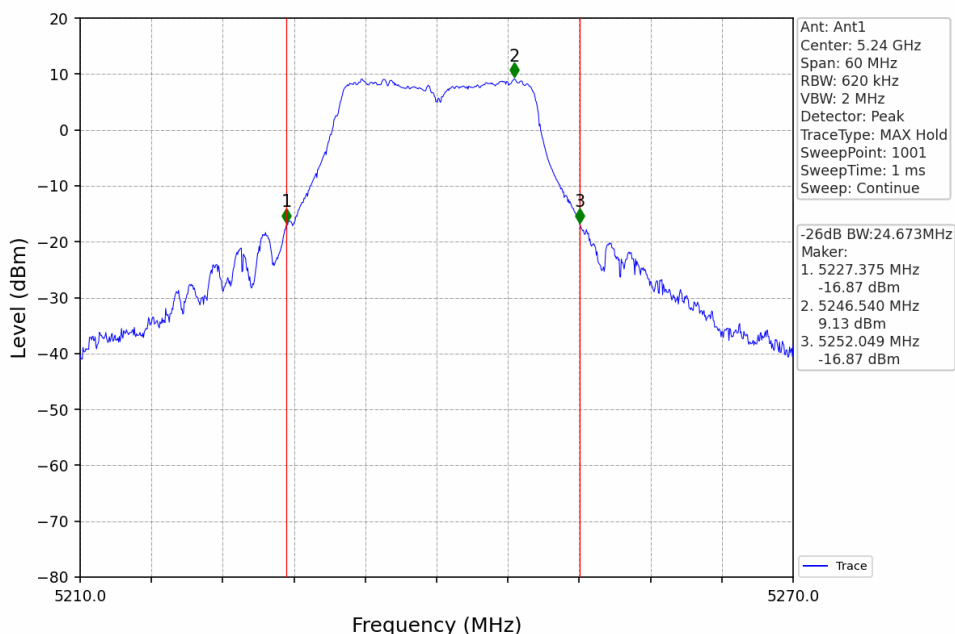
2.3.2 Test Graph



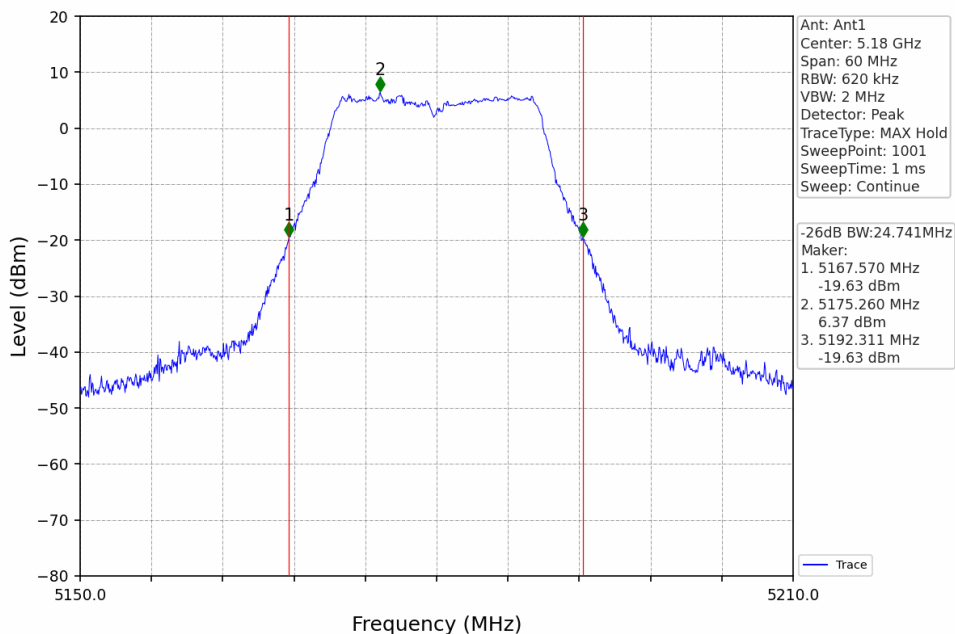
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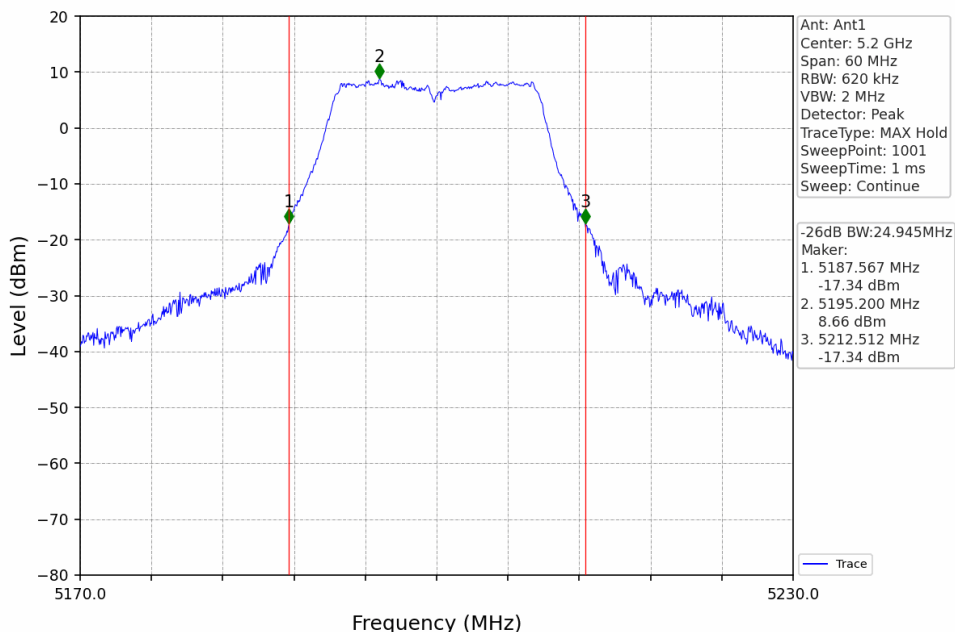
802.11a_HCH_5240MHz_Ant1_NTNV



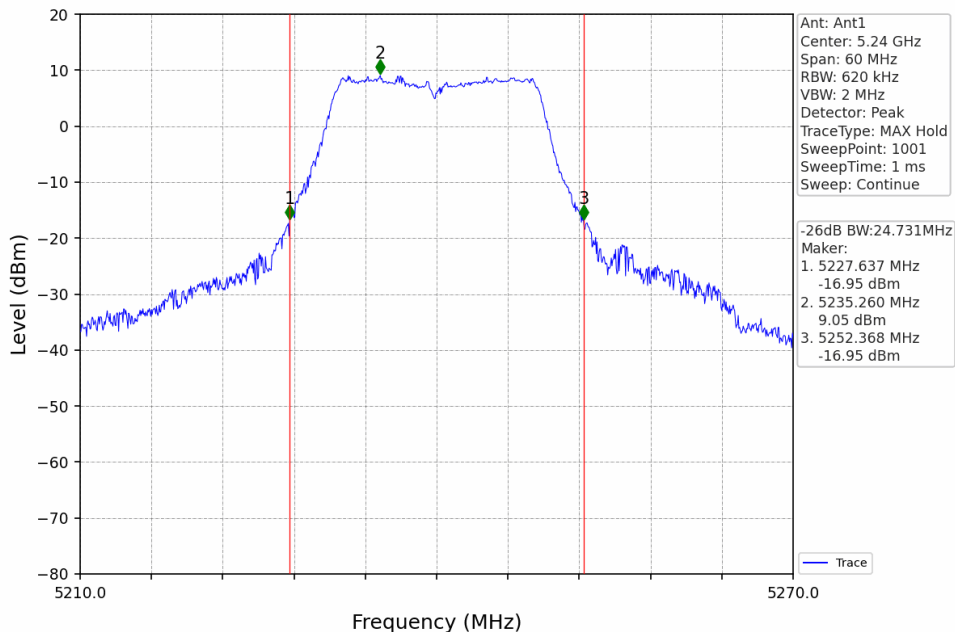
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Conducted Output Power (dBm)		Verdict
			Ant1	Limit	
802.11a	SISO	5180	14.61	<=23.98	Pass
		5200	16.42	<=23.98	Pass
		5240	17.37	<=23.98	Pass
		5745	17.48	<=30	Pass
		5785	16.60	<=30	Pass
		5825	16.51	<=30	Pass
802.11n (HT20)	SISO	5180	14.51	<=23.98	Pass
		5200	16.75	<=23.98	Pass
		5240	16.74	<=23.98	Pass
		5745	16.24	<=30	Pass
		5785	15.80	<=30	Pass
		5825	16.15	<=30	Pass
Note1: Antenna Gain: Ant1: 3.88dBi;					

4. Maximum Power Spectral Density

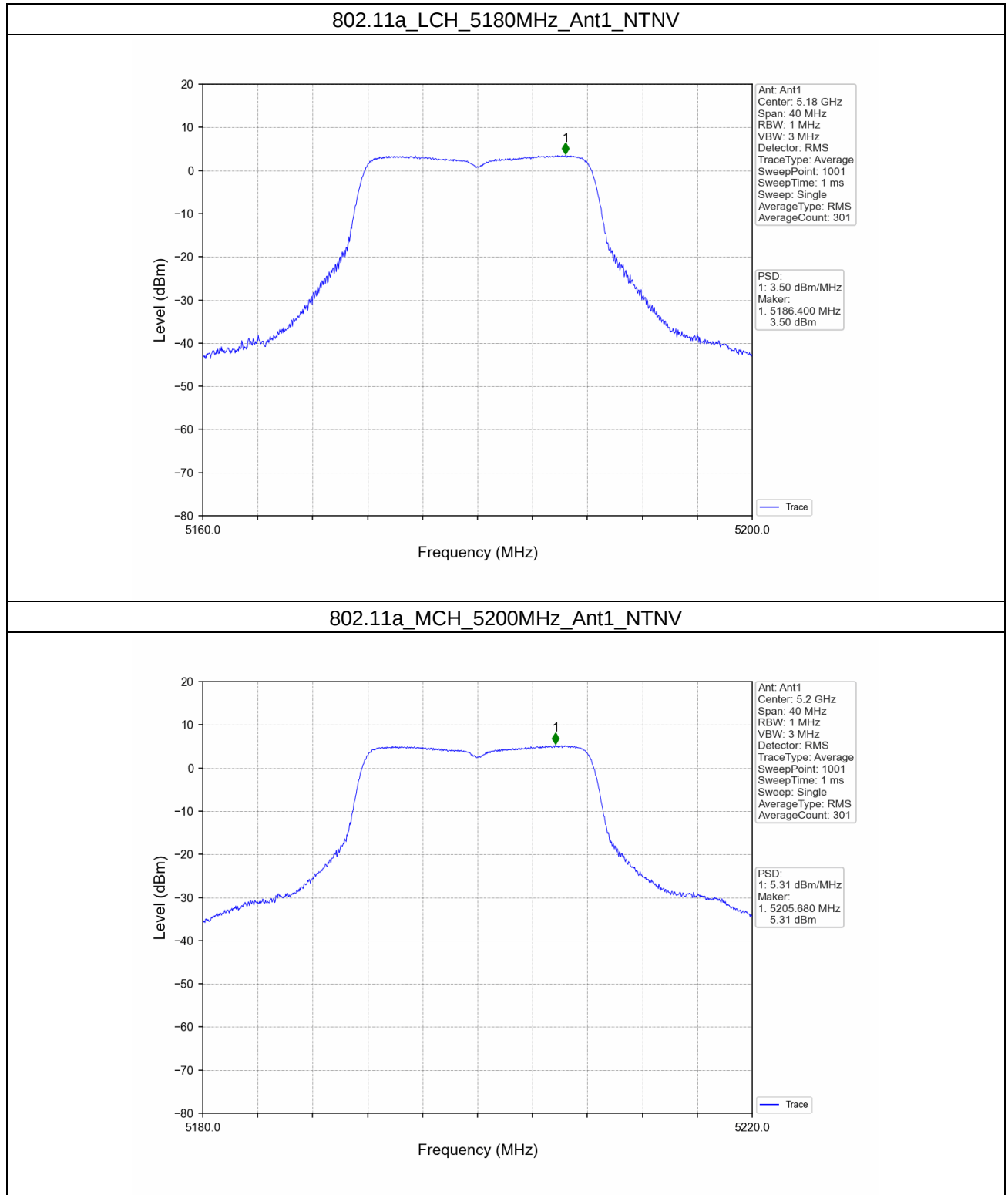
4.1 PSD

4.1.1 Test Result

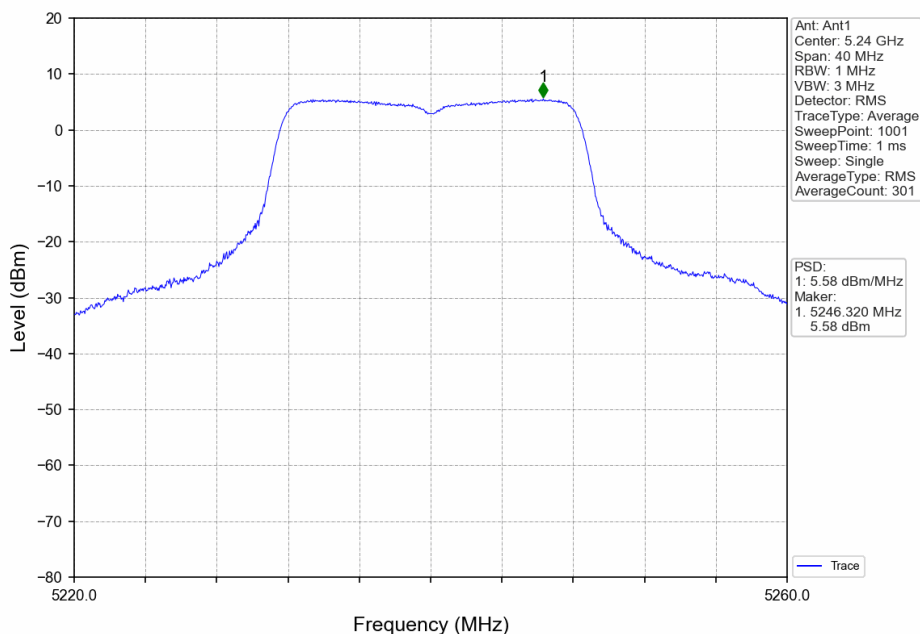
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			Ant1	Limit	
802.11a	SISO	5180	3.50	<=11	Pass
		5200	5.31	<=11	Pass
		5240	5.58	<=11	Pass
802.11n (HT20)	SISO	5180	3.02	<=11	Pass
		5200	5.37	<=11	Pass
		5240	5.27	<=11	Pass

Note1: Antenna Gain: Ant1: 3.88dBi;

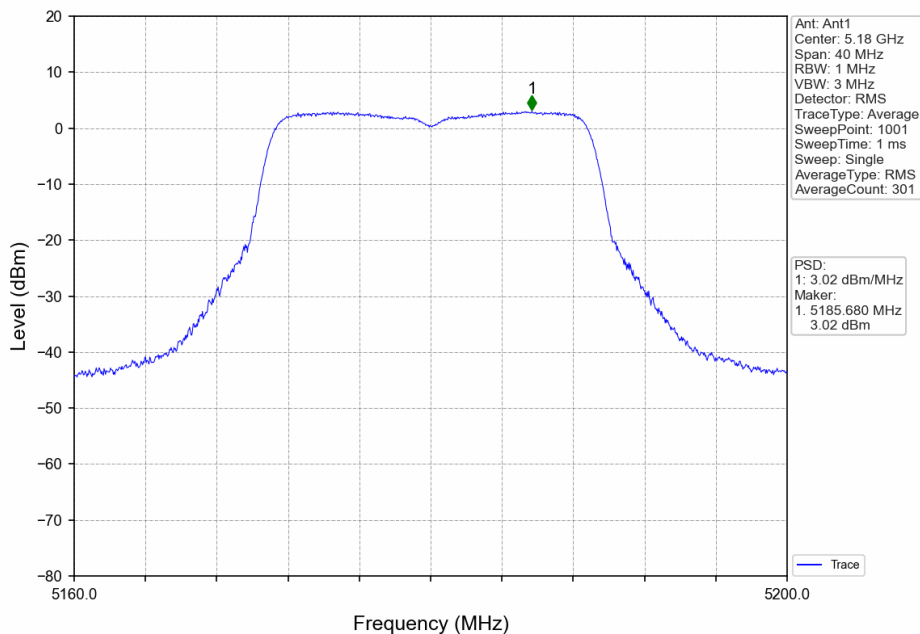
4.1.2 Test Graph



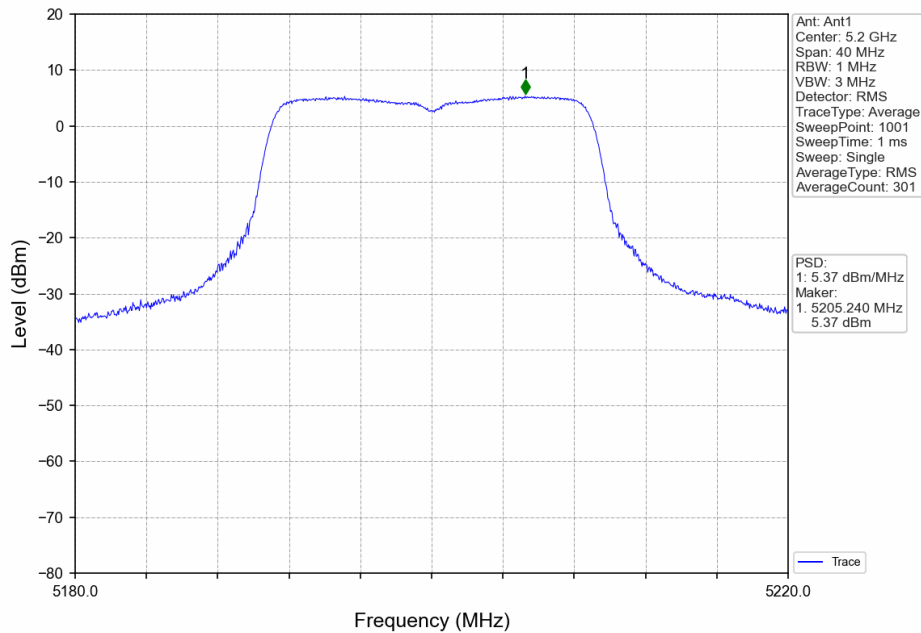
802.11a_HCH_5240MHz_Ant1_NTNV



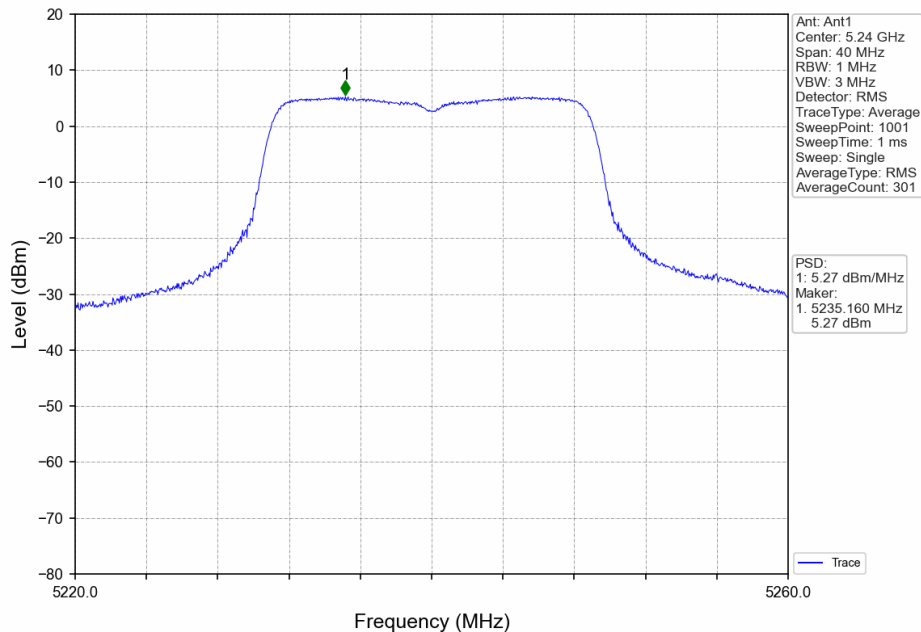
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



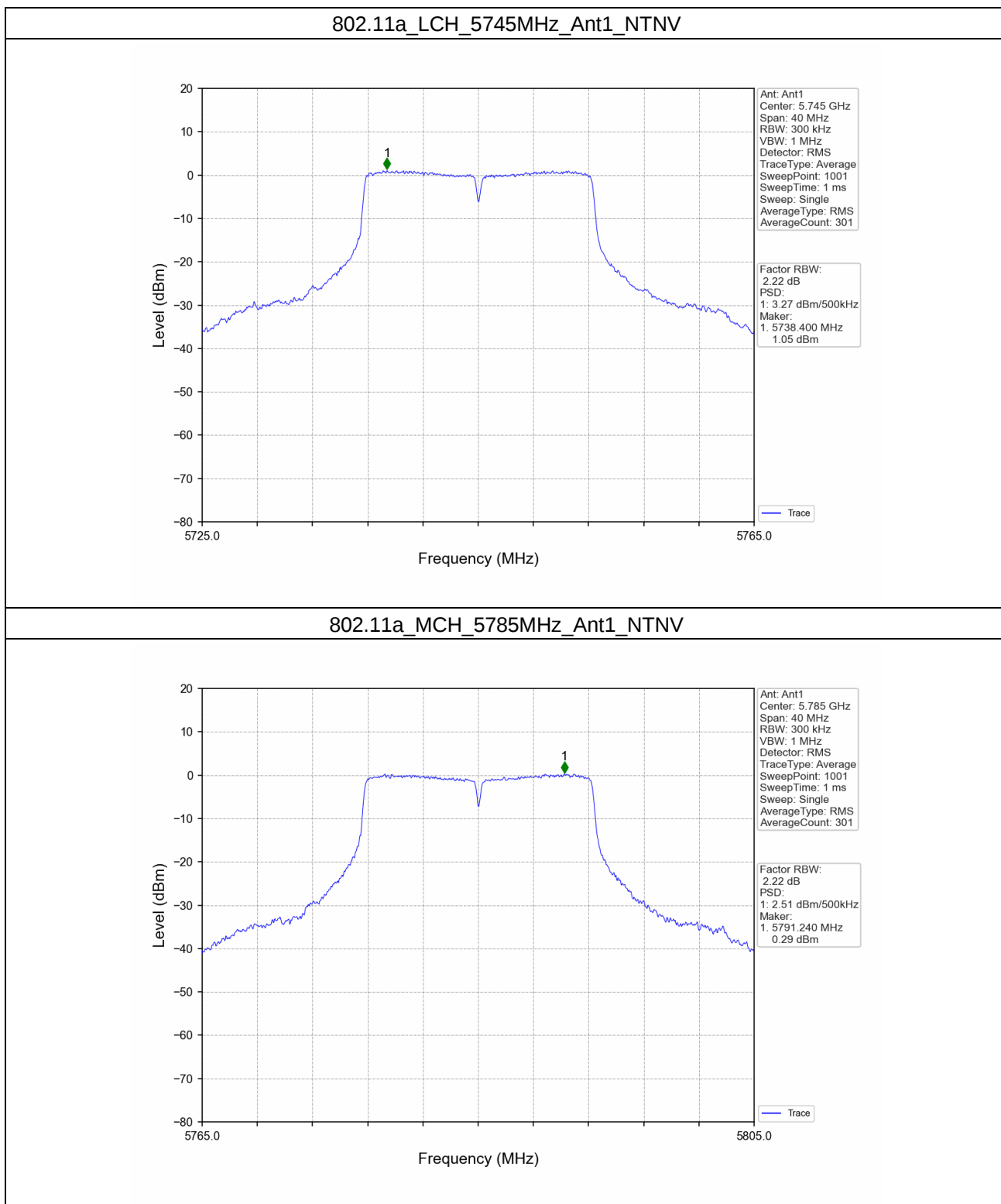
4.2 PSD-Band3

4.2.1 Test Result

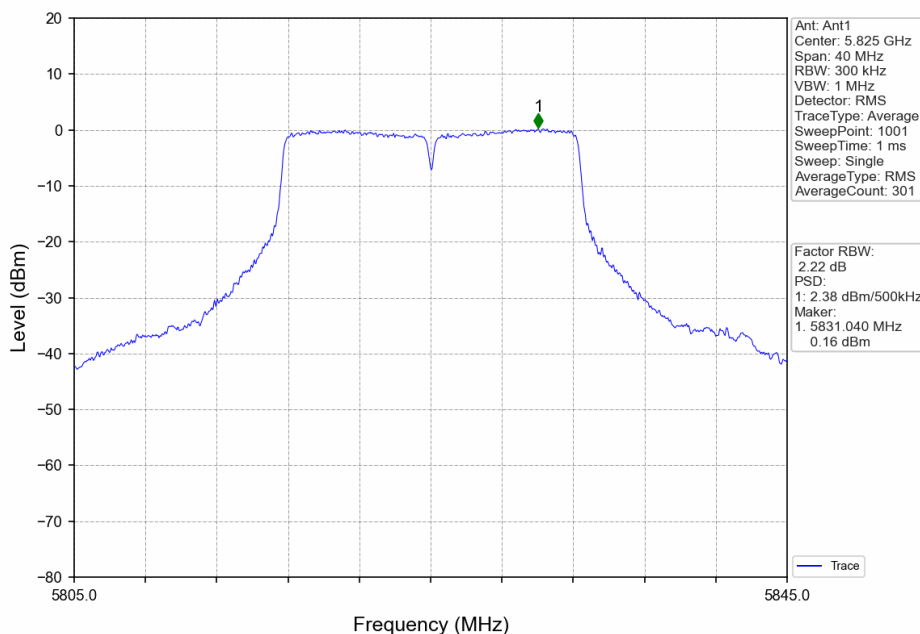
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			Ant1	Limit	
802.11a	SISO	5745	3.27	<=30	Pass
		5785	2.51	<=30	Pass
		5825	2.38	<=30	Pass
802.11n (HT20)	SISO	5745	2.09	<=30	Pass
		5785	1.13	<=30	Pass
		5825	1.25	<=30	Pass

Note1: Antenna Gain: Ant1: 3.88dBi;

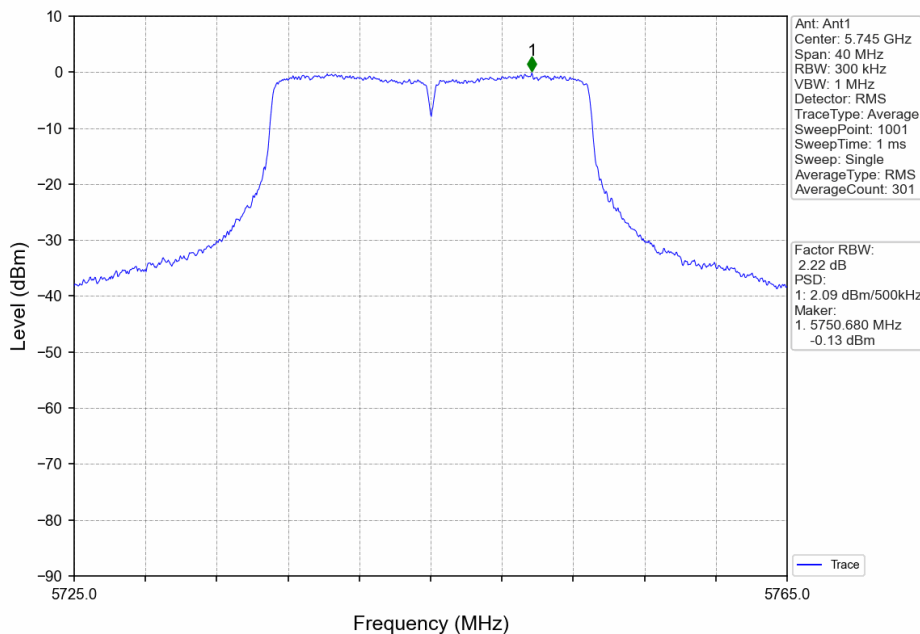
4.2.2 Test Graph



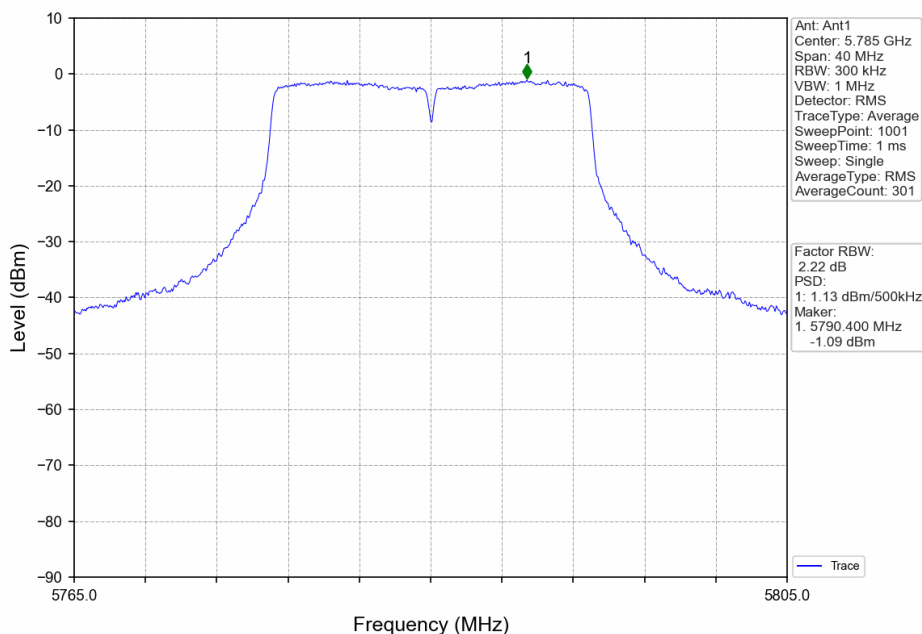
802.11a_HCH_5825MHz_Ant1_NTNV



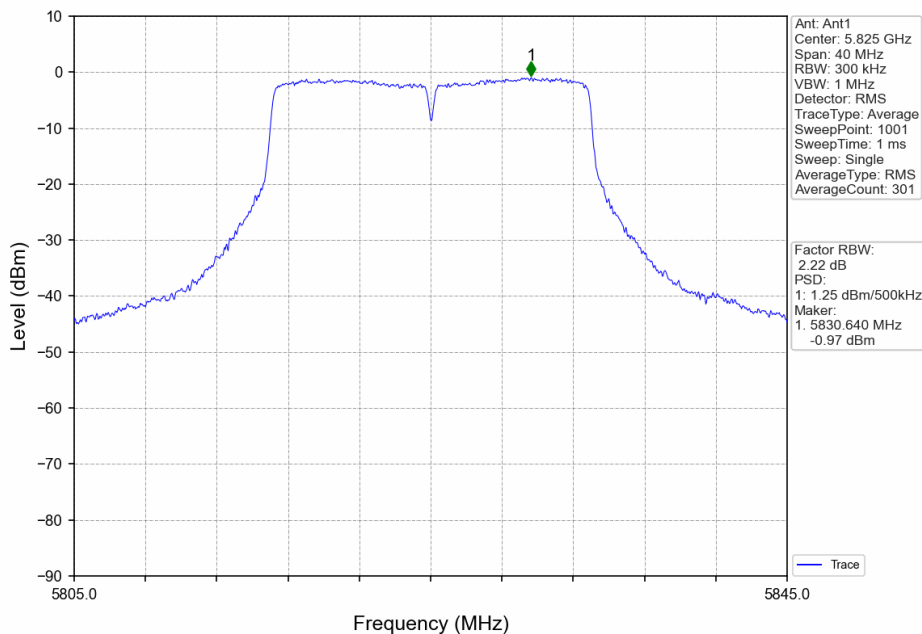
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Ant1							
Mode	Tx Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	102	5180.000	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
				138	5180.000	5150 to 5250	Pass
			-30	120	5180.020	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
				120	5180.020	5150 to 5250	Pass
			0	120	5180.000	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
				120	5180.020	5150 to 5250	Pass
			50	120	5180.020	5150 to 5250	Pass
				120	5179.980	5150 to 5250	Pass
				120	5179.980	5150 to 5250	Pass
		5200	20	102	5200.020	5150 to 5250	Pass
				120	5200.020	5150 to 5250	Pass
				138	5200.040	5150 to 5250	Pass
			-30	120	5200.020	5150 to 5250	Pass
				120	5200.040	5150 to 5250	Pass
				120	5200.020	5150 to 5250	Pass
			0	120	5200.040	5150 to 5250	Pass
				120	5200.040	5150 to 5250	Pass
				120	5200.000	5150 to 5250	Pass
			50	120	5200.020	5150 to 5250	Pass
				120	5200.040	5150 to 5250	Pass
				120	5200.040	5150 to 5250	Pass
		5240	20	102	5240.020	5150 to 5250	Pass
				120	5240.080	5150 to 5250	Pass
				138	5240.000	5150 to 5250	Pass
			-30	120	5239.980	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
			0	120	5239.980	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
			50	120	5239.980	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass



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		5745	20	102	5745.020	5725 to 5850	Pass
				120	5744.980	5725 to 5850	Pass
				138	5744.980	5725 to 5850	Pass
			-30	120	5745.020	5725 to 5850	Pass
			-20	120	5745.000	5725 to 5850	Pass
			-10	120	5744.980	5725 to 5850	Pass
			0	120	5744.960	5725 to 5850	Pass
			10	120	5744.980	5725 to 5850	Pass
			30	120	5744.960	5725 to 5850	Pass
			40	120	5745.020	5725 to 5850	Pass
			50	120	5744.960	5725 to 5850	Pass
		5785	20	102	5784.960	5725 to 5850	Pass
				120	5785.000	5725 to 5850	Pass
				138	5785.020	5725 to 5850	Pass
			-30	120	5784.980	5725 to 5850	Pass
			-20	120	5784.980	5725 to 5850	Pass
			-10	120	5784.960	5725 to 5850	Pass
			0	120	5784.980	5725 to 5850	Pass
			10	120	5784.980	5725 to 5850	Pass
			30	120	5784.960	5725 to 5850	Pass
			40	120	5784.980	5725 to 5850	Pass
			50	120	5784.940	5725 to 5850	Pass
		5825	20	102	5824.980	5725 to 5850	Pass
				120	5824.980	5725 to 5850	Pass
				138	5824.980	5725 to 5850	Pass
			-30	120	5824.980	5725 to 5850	Pass
			-20	120	5824.980	5725 to 5850	Pass
			-10	120	5825.020	5725 to 5850	Pass
			0	120	5824.980	5725 to 5850	Pass
			10	120	5825.000	5725 to 5850	Pass
			30	120	5825.000	5725 to 5850	Pass
			40	120	5825.020	5725 to 5850	Pass
			50	120	5825.000	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	20	102	5180.040	5150 to 5250	Pass
				120	5180.040	5150 to 5250	Pass
				138	5180.020	5150 to 5250	Pass
			-30	120	5180.000	5150 to 5250	Pass
			-20	120	5180.060	5150 to 5250	Pass
			-10	120	5180.020	5150 to 5250	Pass
			0	120	5180.040	5150 to 5250	Pass
			10	120	5180.020	5150 to 5250	Pass
			30	120	5179.980	5150 to 5250	Pass



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			40	120	5180.000	5150 to 5250	Pass
			50	120	5180.000	5150 to 5250	Pass
		5200	20	102	5200.040	5150 to 5250	Pass
				120	5200.020	5150 to 5250	Pass
				138	5200.000	5150 to 5250	Pass
			-30	120	5200.020	5150 to 5250	Pass
			-20	120	5200.000	5150 to 5250	Pass
			-10	120	5200.020	5150 to 5250	Pass
			0	120	5200.020	5150 to 5250	Pass
			10	120	5200.020	5150 to 5250	Pass
			30	120	5200.020	5150 to 5250	Pass
			40	120	5200.000	5150 to 5250	Pass
			50	120	5200.060	5150 to 5250	Pass
		5240	20	102	5240.040	5150 to 5250	Pass
				120	5240.020	5150 to 5250	Pass
				138	5240.000	5150 to 5250	Pass
			-30	120	5240.020	5150 to 5250	Pass
			-20	120	5240.020	5150 to 5250	Pass
			-10	120	5240.040	5150 to 5250	Pass
			0	120	5240.020	5150 to 5250	Pass
			10	120	5240.040	5150 to 5250	Pass
			30	120	5240.020	5150 to 5250	Pass
			40	120	5240.020	5150 to 5250	Pass
			50	120	5240.000	5150 to 5250	Pass
		5745	20	102	5744.980	5725 to 5850	Pass
				120	5744.960	5725 to 5850	Pass
				138	5745.020	5725 to 5850	Pass
			-30	120	5745.000	5725 to 5850	Pass
			-20	120	5745.000	5725 to 5850	Pass
			-10	120	5745.020	5725 to 5850	Pass
			0	120	5745.000	5725 to 5850	Pass
			10	120	5745.000	5725 to 5850	Pass
			30	120	5745.020	5725 to 5850	Pass
			40	120	5745.000	5725 to 5850	Pass
			50	120	5745.000	5725 to 5850	Pass
		5785	20	102	5785.020	5725 to 5850	Pass
				120	5785.000	5725 to 5850	Pass
				138	5785.000	5725 to 5850	Pass
			-30	120	5785.020	5725 to 5850	Pass
			-20	120	5785.020	5725 to 5850	Pass
			-10	120	5785.000	5725 to 5850	Pass
			0	120	5785.020	5725 to 5850	Pass



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			10	120	5785.000	5725 to 5850	Pass
			30	120	5785.000	5725 to 5850	Pass
			40	120	5785.000	5725 to 5850	Pass
			50	120	5785.020	5725 to 5850	Pass
		5825	20	102	5825.000	5725 to 5850	Pass
				120	5825.020	5725 to 5850	Pass
				138	5825.040	5725 to 5850	Pass
			-30	120	5825.000	5725 to 5850	Pass
			-20	120	5825.020	5725 to 5850	Pass
			-10	120	5825.000	5725 to 5850	Pass
			0	120	5825.000	5725 to 5850	Pass
			10	120	5825.020	5725 to 5850	Pass
			30	120	5825.040	5725 to 5850	Pass
			40	120	5825.020	5725 to 5850	Pass
			50	120	5825.020	5725 to 5850	Pass

- End of the Report -