

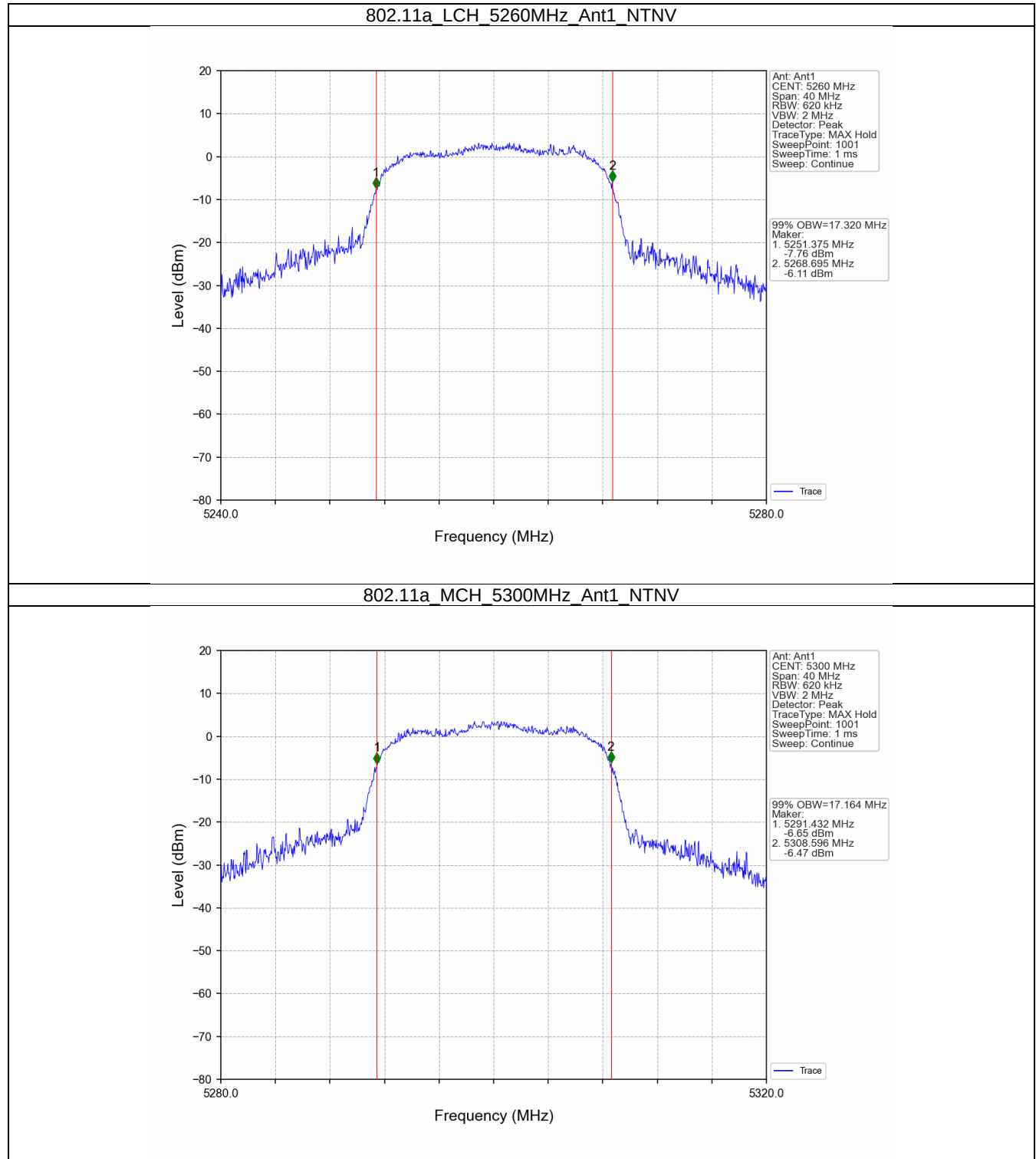
1. Bandwidth

1.1 OBW

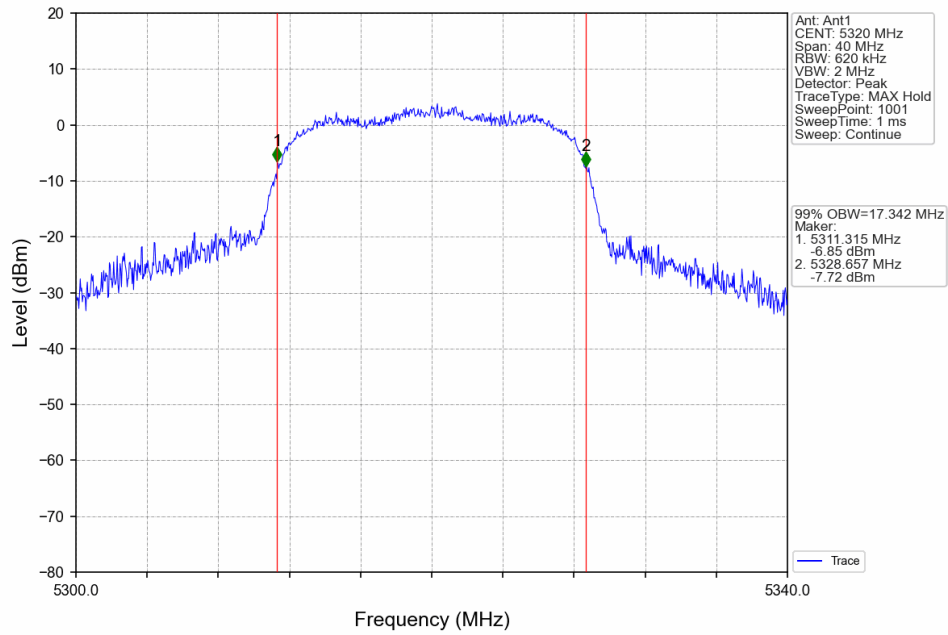
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5260	1	17.320	/	Pass
		5300	1	17.164	/	Pass
		5320	1	17.342	/	Pass
802.11n (HT20)	SISO	5260	1	17.922	/	Pass
		5300	1	17.949	/	Pass
		5320	1	17.961	/	Pass
802.11n (HT40)	SISO	5270	1	36.389	/	Pass
		5310	1	36.518	/	Pass

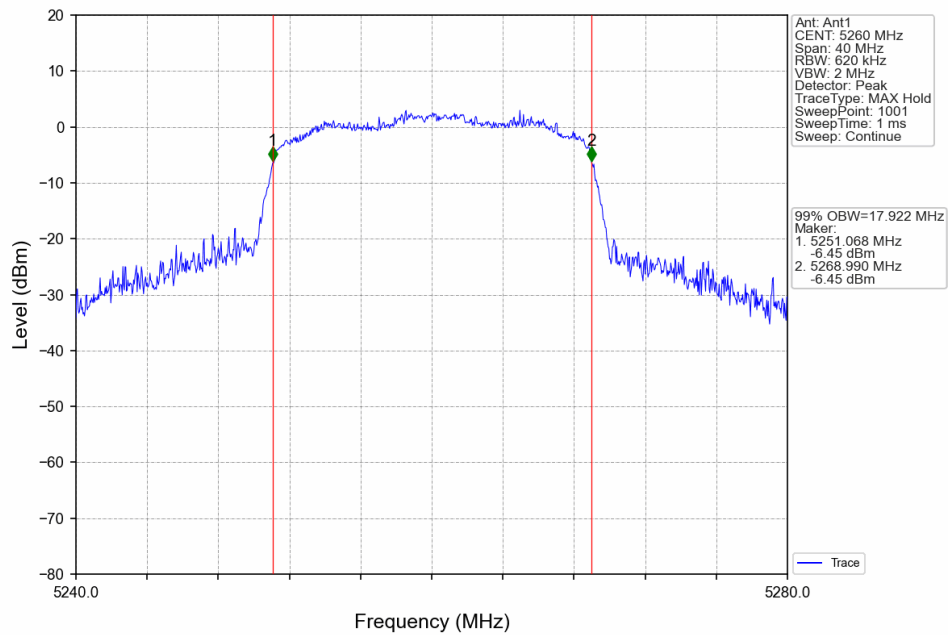
1.1.2 Test Graph



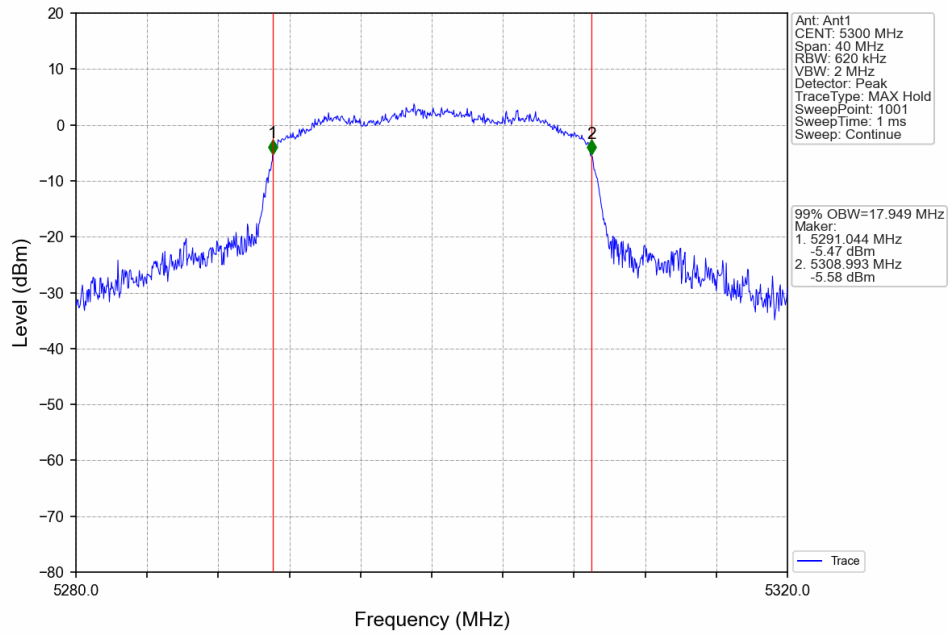
802.11a_HCH_5320MHz_Ant1_NTNV



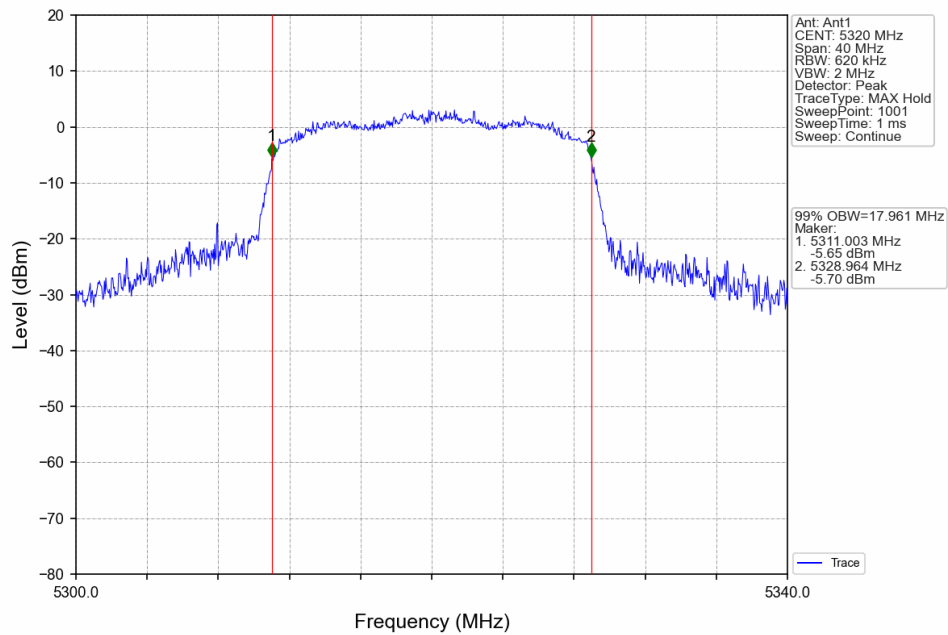
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



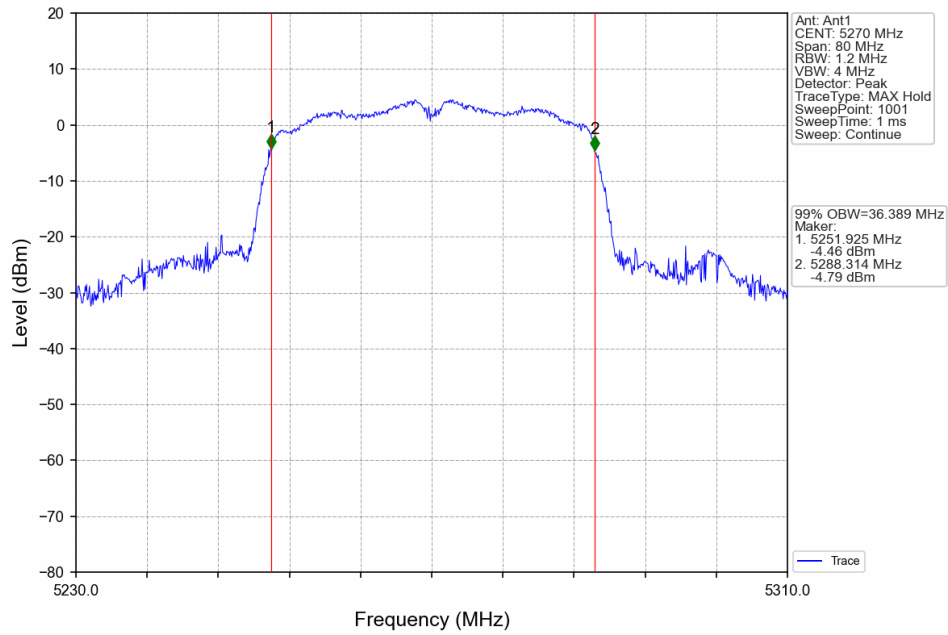
802.11n(HT20) MCH 5300MHz Ant1 NTN



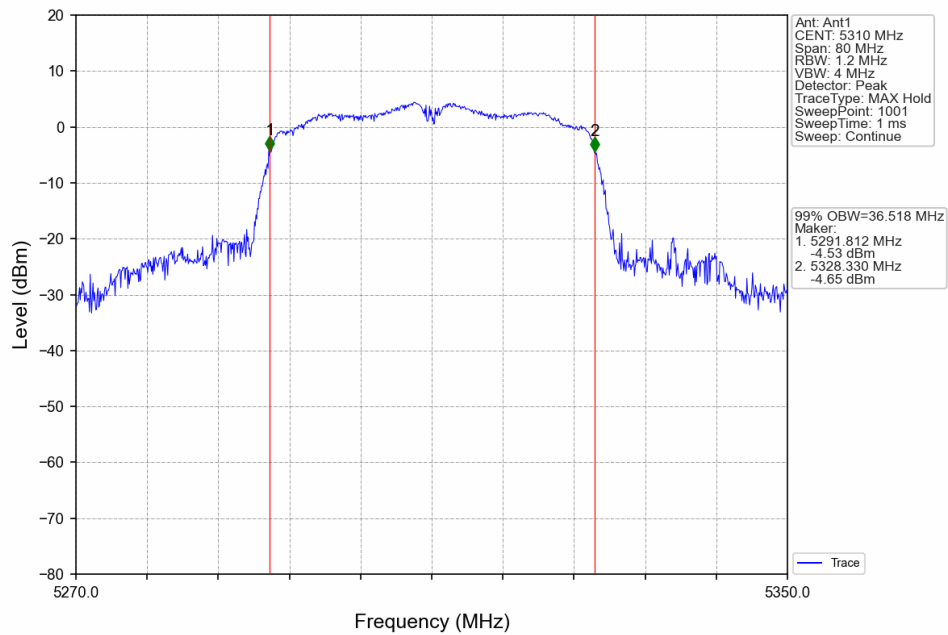
802.11n(HT20) HCH 5320MHz Ant1 NTN



802.11n(HT40) LCH 5270MHz Ant1 NTVN



802.11n(HT40) HCH 5310MHz Ant1 NTVN

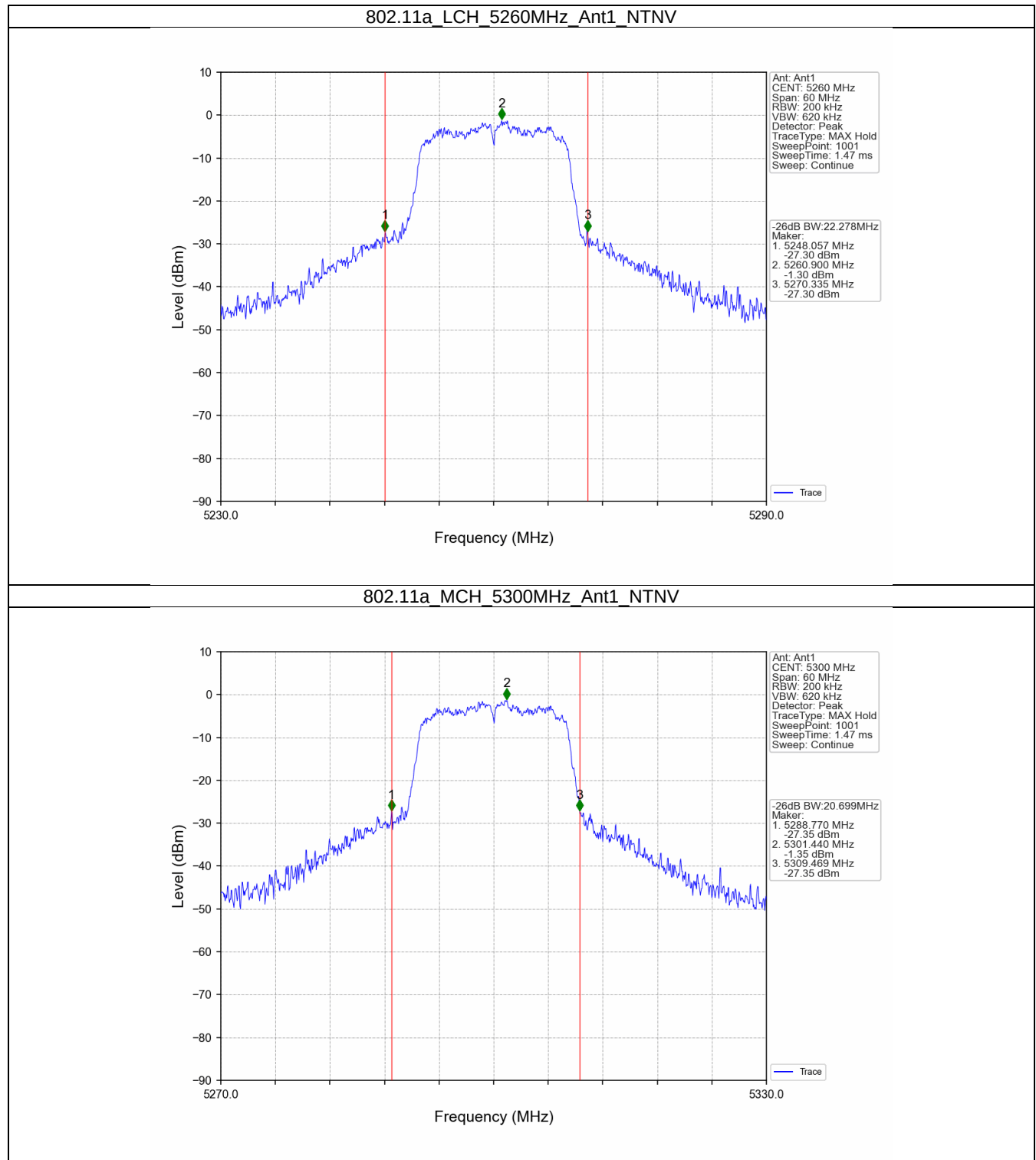


1.2 26dB BW

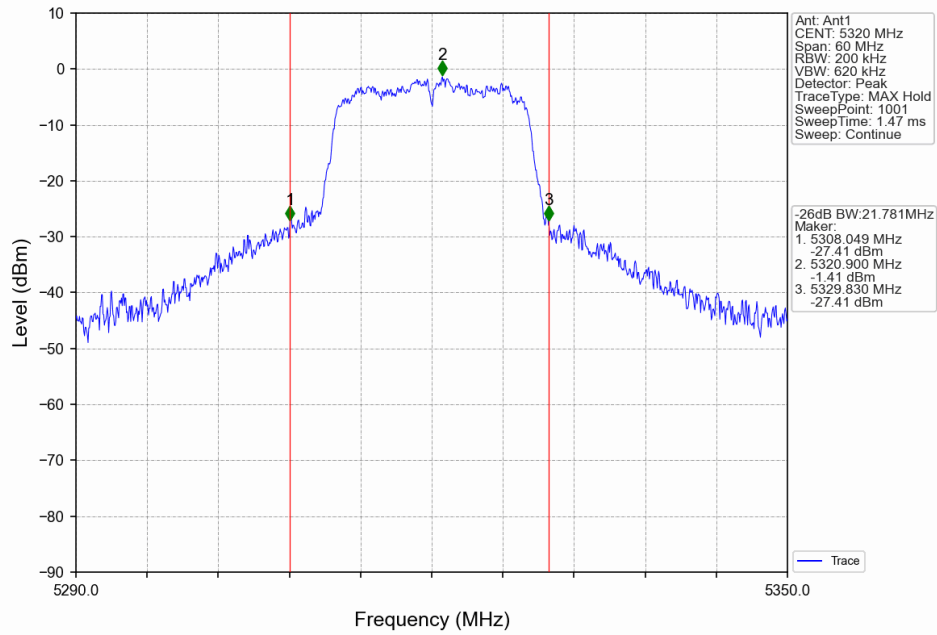
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5260	1	22.278	/	Pass
		5300	1	20.699	/	Pass
		5320	1	21.781	/	Pass
802.11n (HT20)	SISO	5260	1	20.672	/	Pass
		5300	1	23.109	/	Pass
		5320	1	21.932	/	Pass
802.11n (HT40)	SISO	5270	1	39.641	/	Pass
		5310	1	40.577	/	Pass

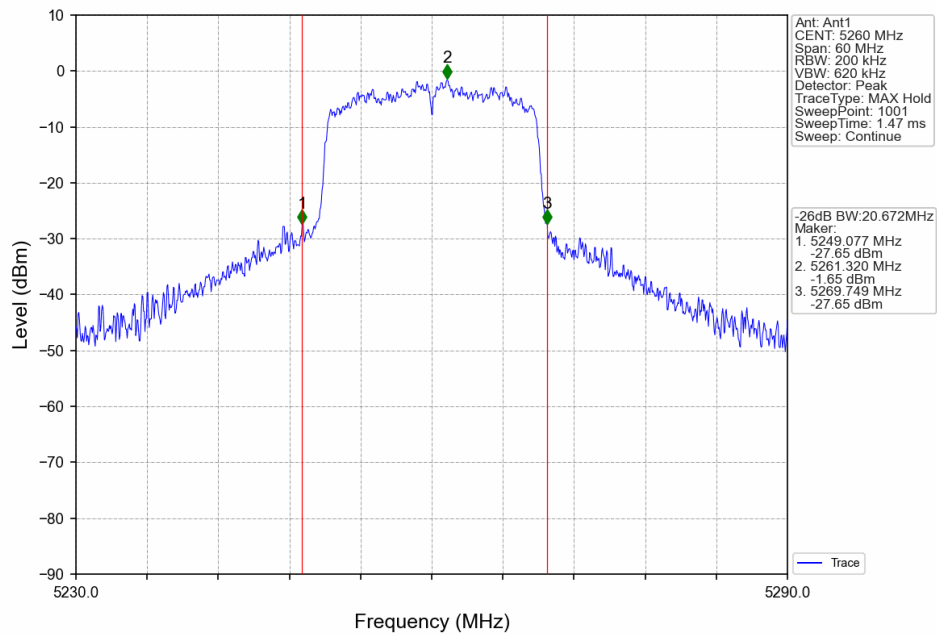
1.2.2 Test Graph



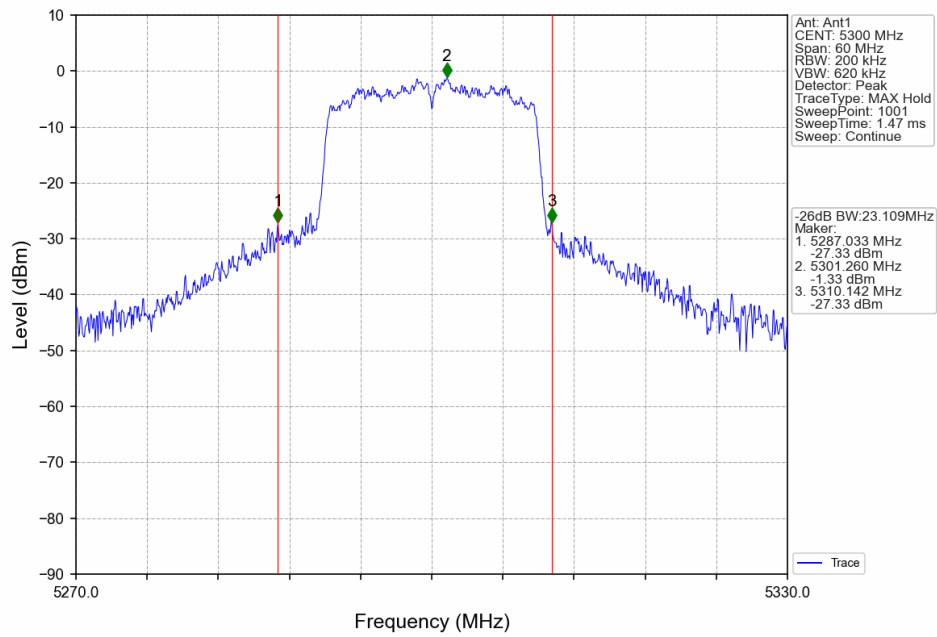
802.11a_HCH_5320MHz_Ant1_NTNV



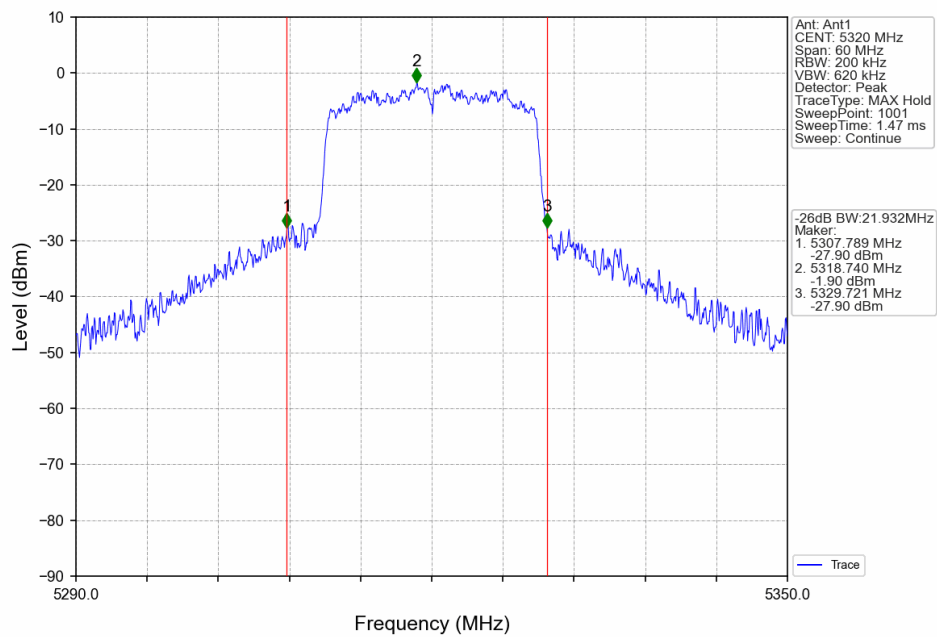
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



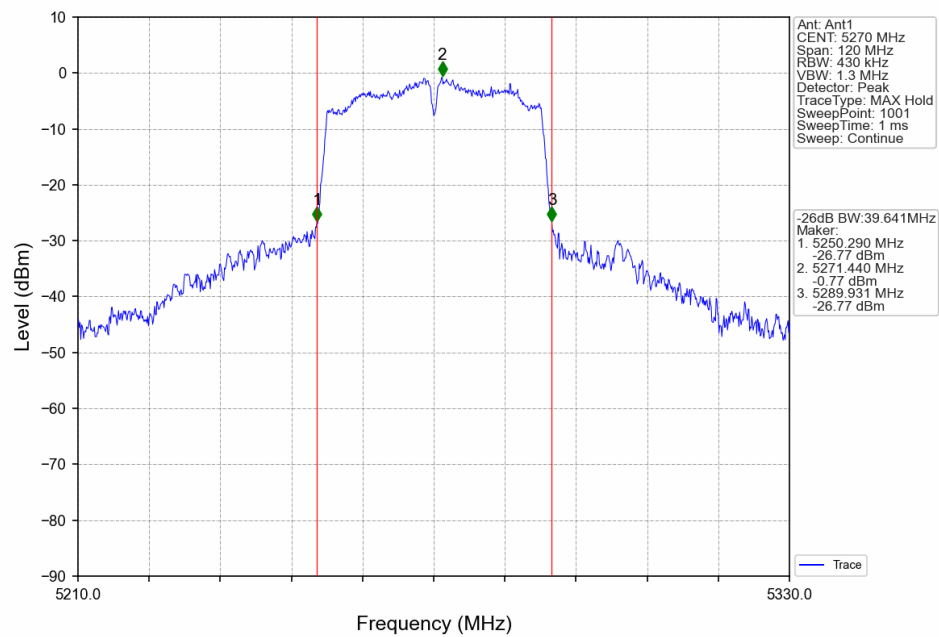
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



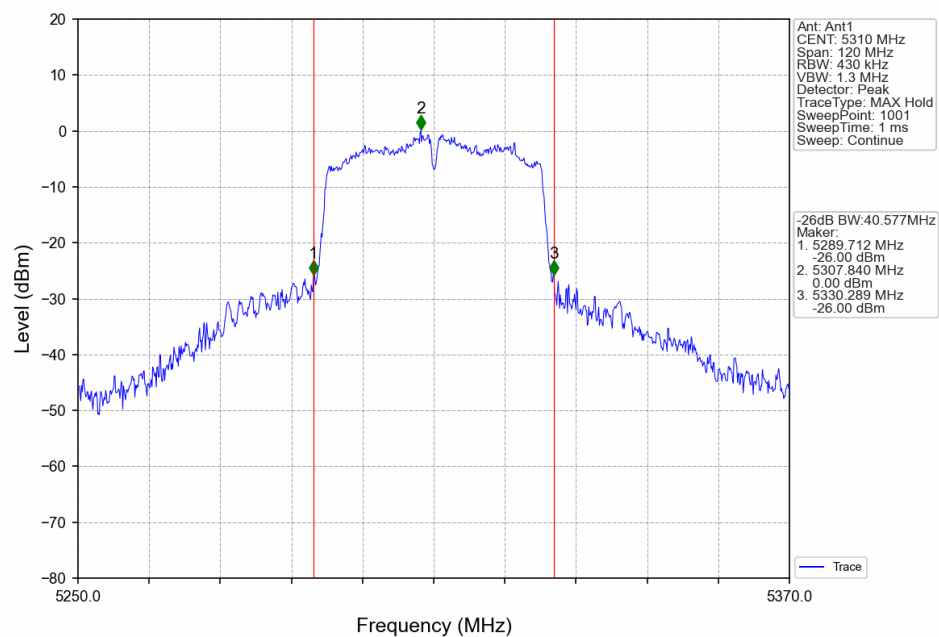
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



802.11n(HT40)_HCH_5310MHz_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	5260	7.42	<=23.98	Pass
		5300	7.77	<=23.98	Pass
		5320	7.47	<=23.98	Pass
802.11n (HT20)	SISO	5260	7.24	<=23.98	Pass
		5300	7.64	<=23.98	Pass
		5320	7.27	<=23.98	Pass
802.11n (HT40)	SISO	5270	7.79	<=23.98	Pass
		5310	8.03	<=23.98	Pass
Note1: Antenna Gain: Ant1: 3.46dBi;					

3. Maximum Power Spectral Density

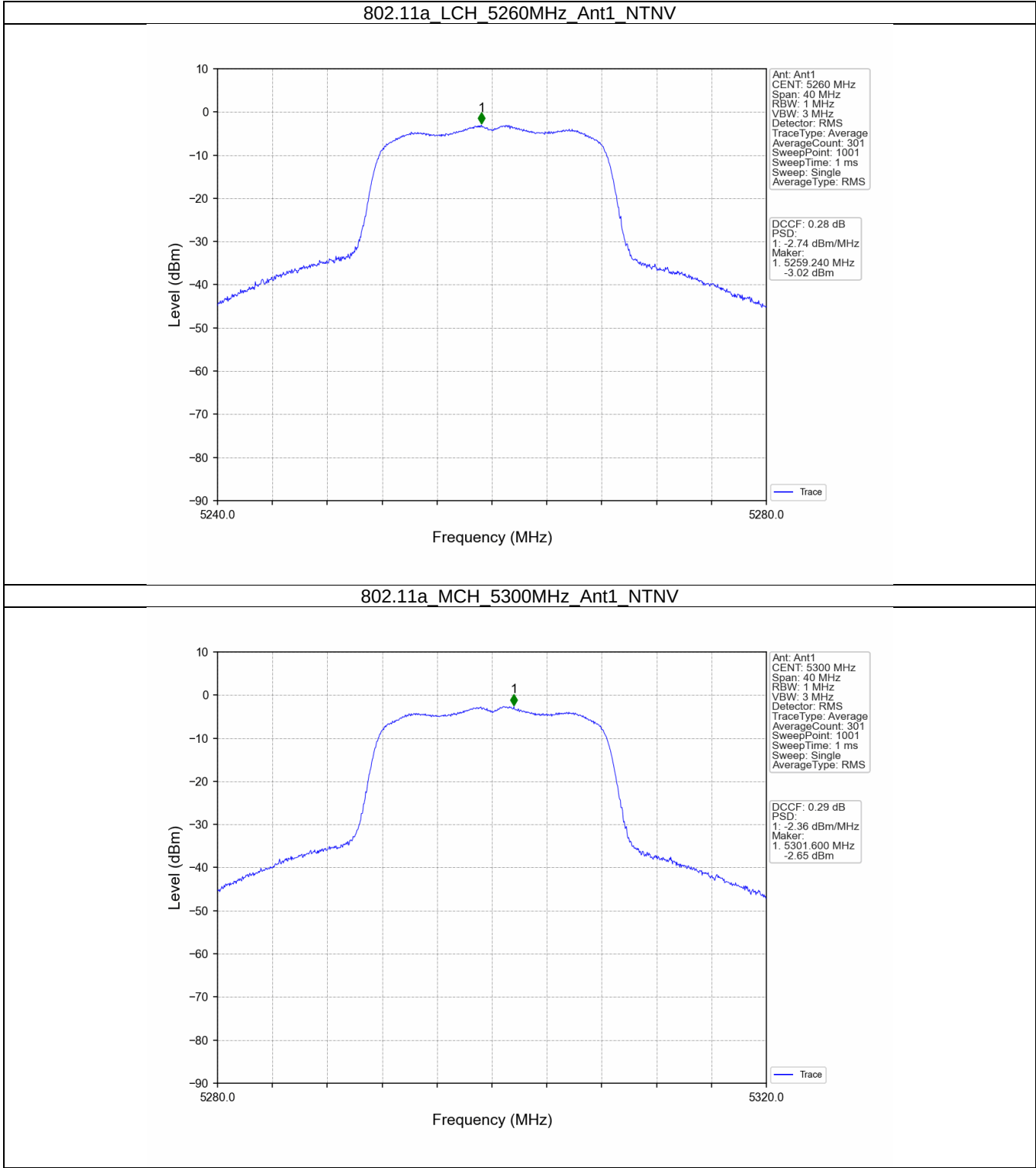
3.1 PSD

3.1.1 Test Result

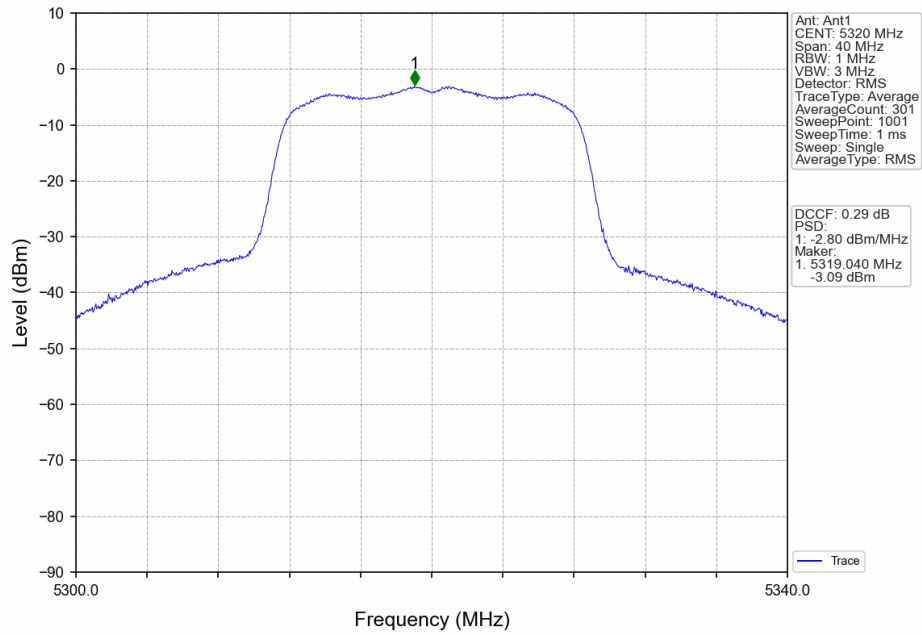
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5260	-2.74	<=11	Pass
		5300	-2.36	<=11	Pass
		5320	-2.80	<=11	Pass
802.11n (HT20)	SISO	5260	-3.04	<=11	Pass
		5300	-2.73	<=11	Pass
		5320	-3.10	<=11	Pass
802.11n (HT40)	SISO	5270	-4.86	<=11	Pass
		5310	-5.05	<=11	Pass

Note1: Antenna Gain: Ant1: 3.46dBi;

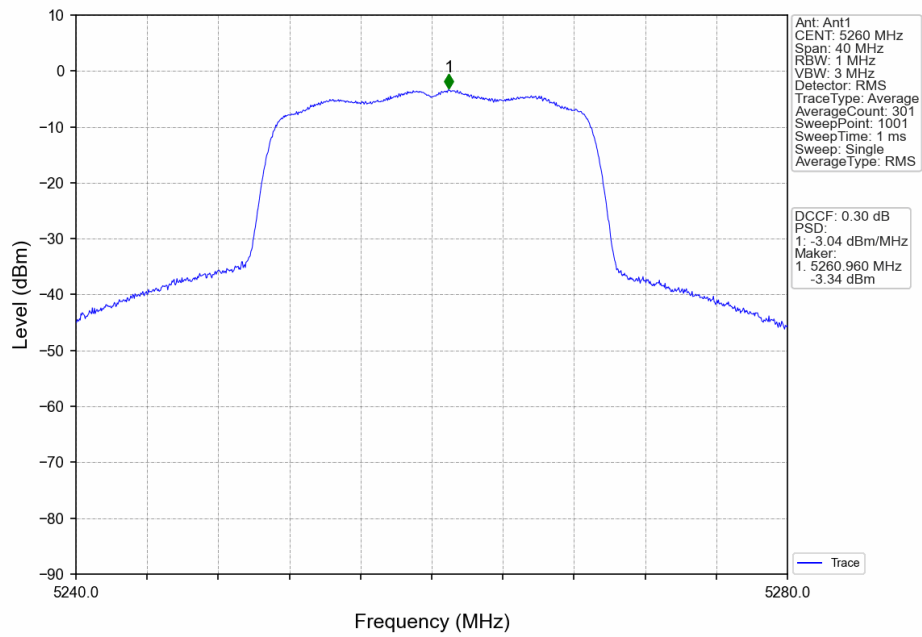
3.1.2 Test Graph



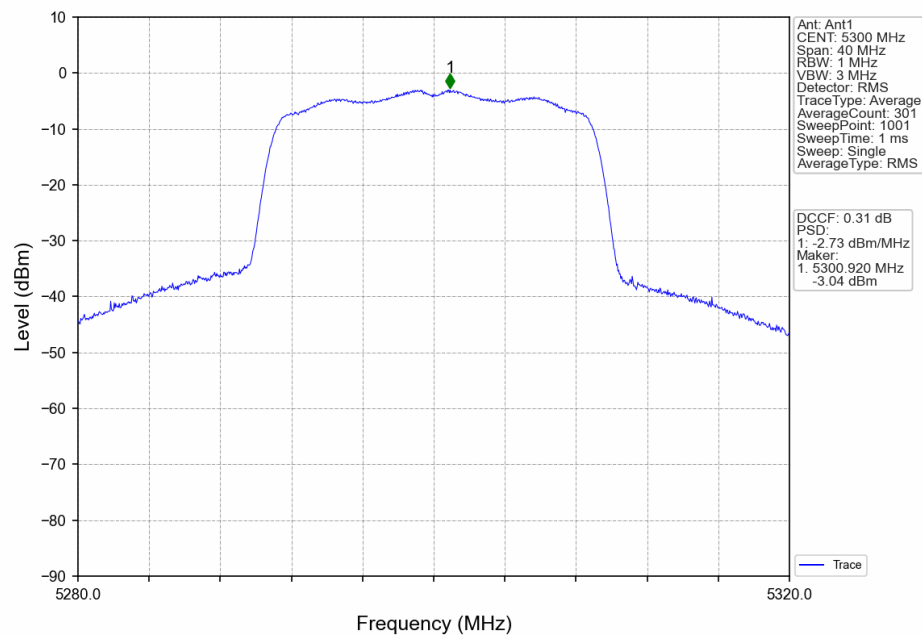
802.11a_HCH_5320MHz_Ant1_NTNV



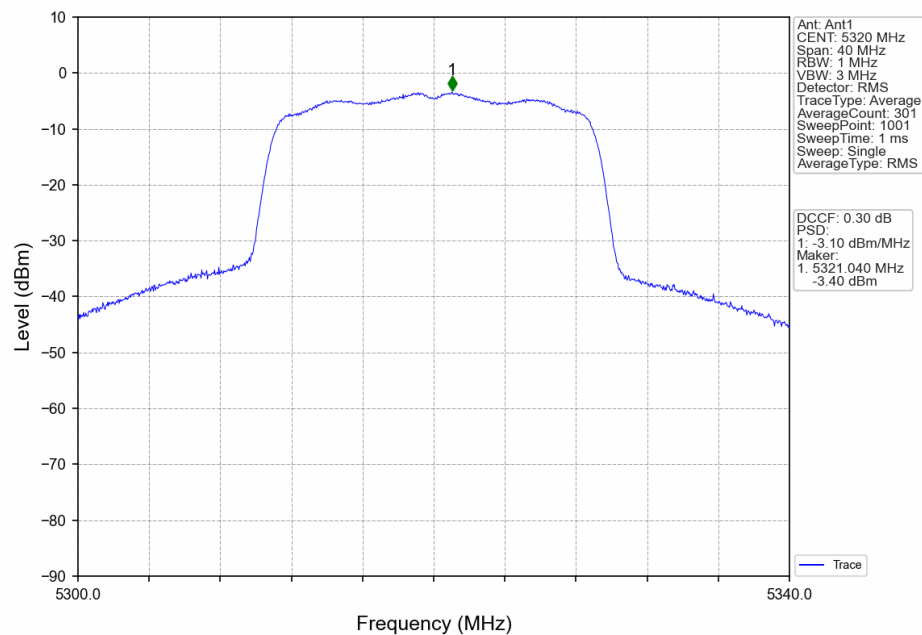
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



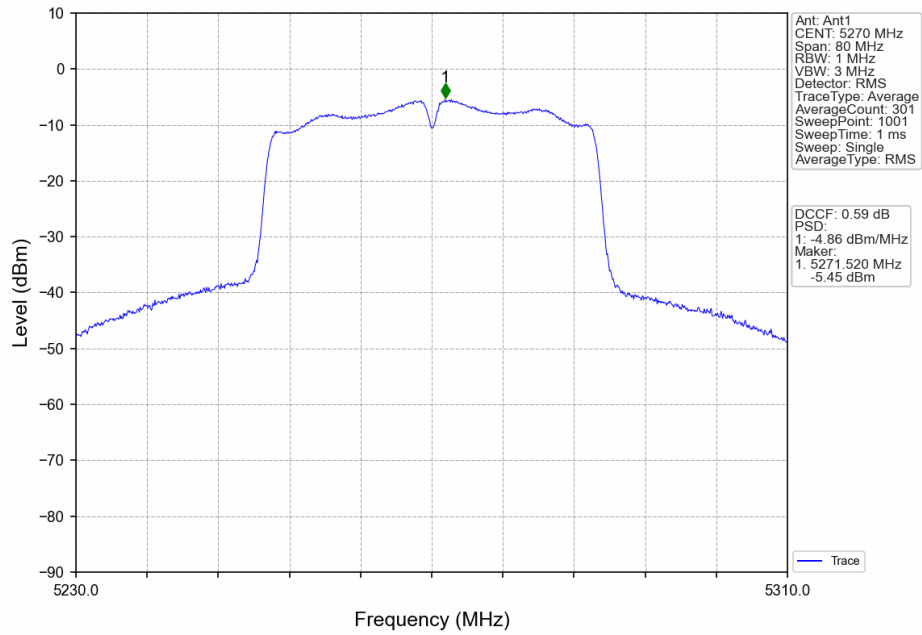
802.11n(HT20) MCH 5300MHz Ant1 NTN



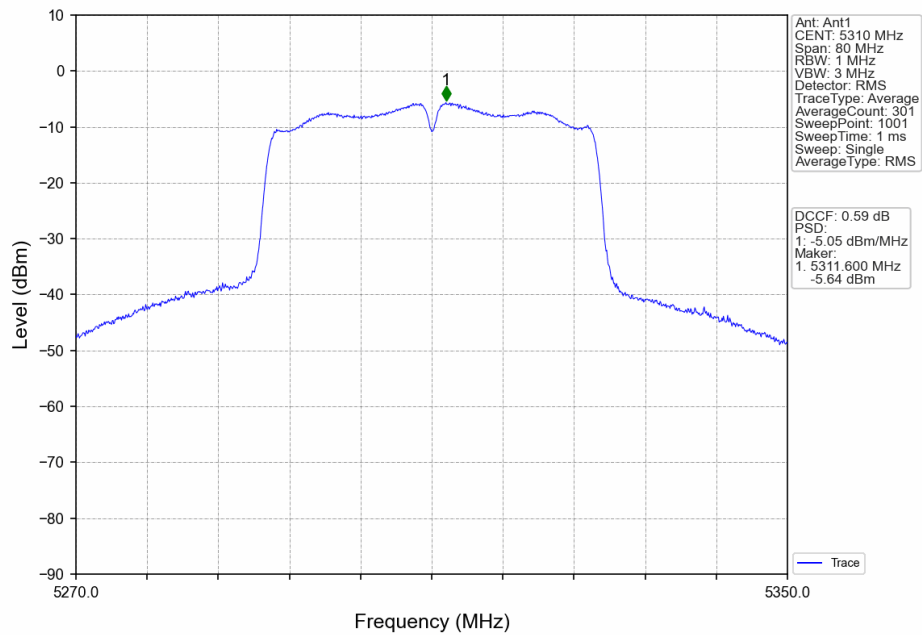
802.11n(HT20) HCH 5320MHz Ant1 NTN



802.11n(HT40) LCH 5270MHz Ant1 NTN



802.11n(HT40) HCH 5310MHz Ant1 NTN



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	5260	20	102	5259.986	5250 to 5350	Pass
				120	5259.985	5250 to 5350	Pass
				138	5259.985	5250 to 5350	Pass
			-30	120	5259.985	5250 to 5350	Pass
			-20	120	5259.984	5250 to 5350	Pass
			-10	120	5259.984	5250 to 5350	Pass
			0	120	5259.983	5250 to 5350	Pass
			10	120	5259.983	5250 to 5350	Pass
			30	120	5259.983	5250 to 5350	Pass
			40	120	5259.983	5250 to 5350	Pass
			50	120	5259.982	5250 to 5350	Pass
		5300	20	102	5299.980	5250 to 5350	Pass
				120	5299.980	5250 to 5350	Pass
				138	5299.980	5250 to 5350	Pass
			-30	120	5299.980	5250 to 5350	Pass
			-20	120	5299.979	5250 to 5350	Pass
			-10	120	5299.979	5250 to 5350	Pass
			0	120	5299.979	5250 to 5350	Pass
			10	120	5299.979	5250 to 5350	Pass
			30	120	5299.979	5250 to 5350	Pass
			40	120	5299.979	5250 to 5350	Pass
			50	120	5299.979	5250 to 5350	Pass
		5320	20	102	5319.979	5250 to 5350	Pass
				120	5319.979	5250 to 5350	Pass
				138	5319.979	5250 to 5350	Pass
			-30	120	5319.979	5250 to 5350	Pass
			-20	120	5319.979	5250 to 5350	Pass
			-10	120	5319.979	5250 to 5350	Pass
			0	120	5319.979	5250 to 5350	Pass
			10	120	5319.979	5250 to 5350	Pass
			30	120	5319.978	5250 to 5350	Pass
			40	120	5319.978	5250 to 5350	Pass
			50	120	5319.978	5250 to 5350	Pass
		5270	20	102	5269.979	5250 to 5350	Pass
				120	5269.979	5250 to 5350	Pass
				138	5269.979	5250 to 5350	Pass
			-30	120	5269.979	5250 to 5350	Pass
			-20	120	5269.983	5250 to 5350	Pass
			-10	120	5269.983	5250 to 5350	Pass
			0	120	5269.982	5250 to 5350	Pass
			10	120	5269.982	5250 to 5350	Pass
			30	120	5269.982	5250 to 5350	Pass
			40	120	5269.982	5250 to 5350	Pass
			50	120	5269.981	5250 to 5350	Pass
		5310	20	102	5309.980	5250 to 5350	Pass
				120	5309.980	5250 to 5350	Pass

				138	5309.980	5250 to 5350	Pass
			-30	120	5309.980	5250 to 5350	Pass
			-20	120	5309.980	5250 to 5350	Pass
			-10	120	5309.980	5250 to 5350	Pass
			0	120	5309.980	5250 to 5350	Pass
			10	120	5309.980	5250 to 5350	Pass
			30	120	5309.979	5250 to 5350	Pass
			40	120	5309.979	5250 to 5350	Pass
			50	120	5309.979	5250 to 5350	Pass