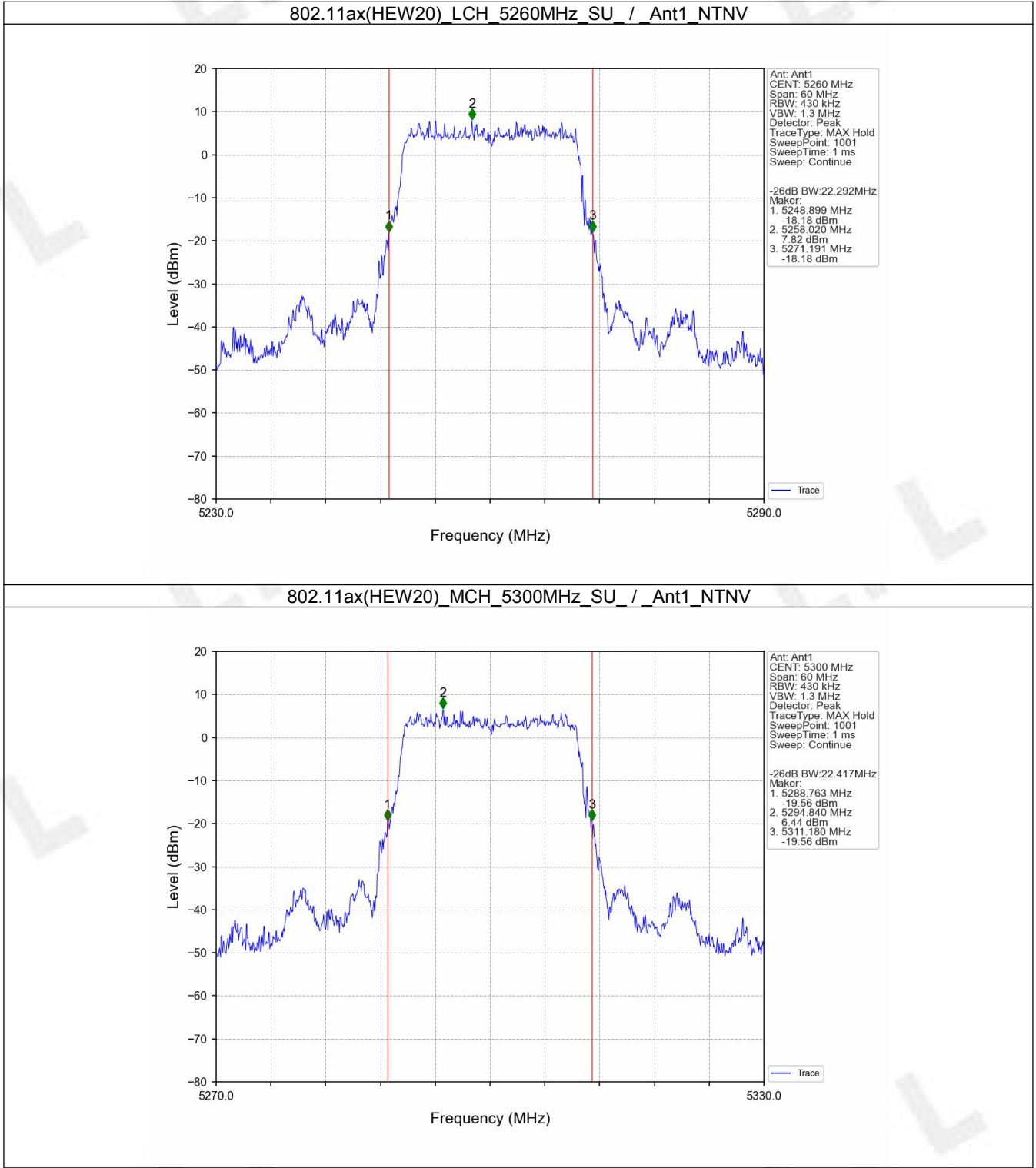
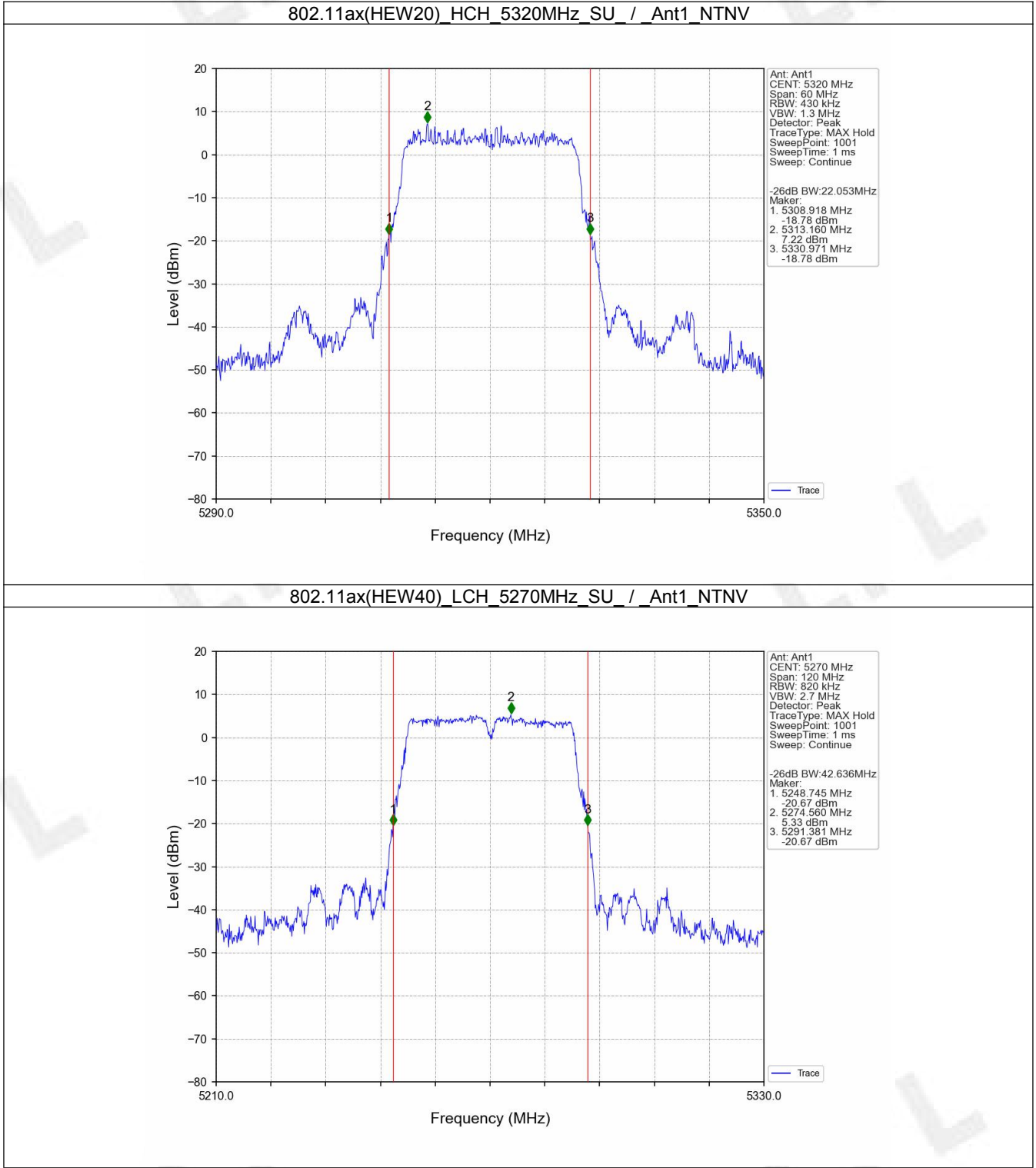


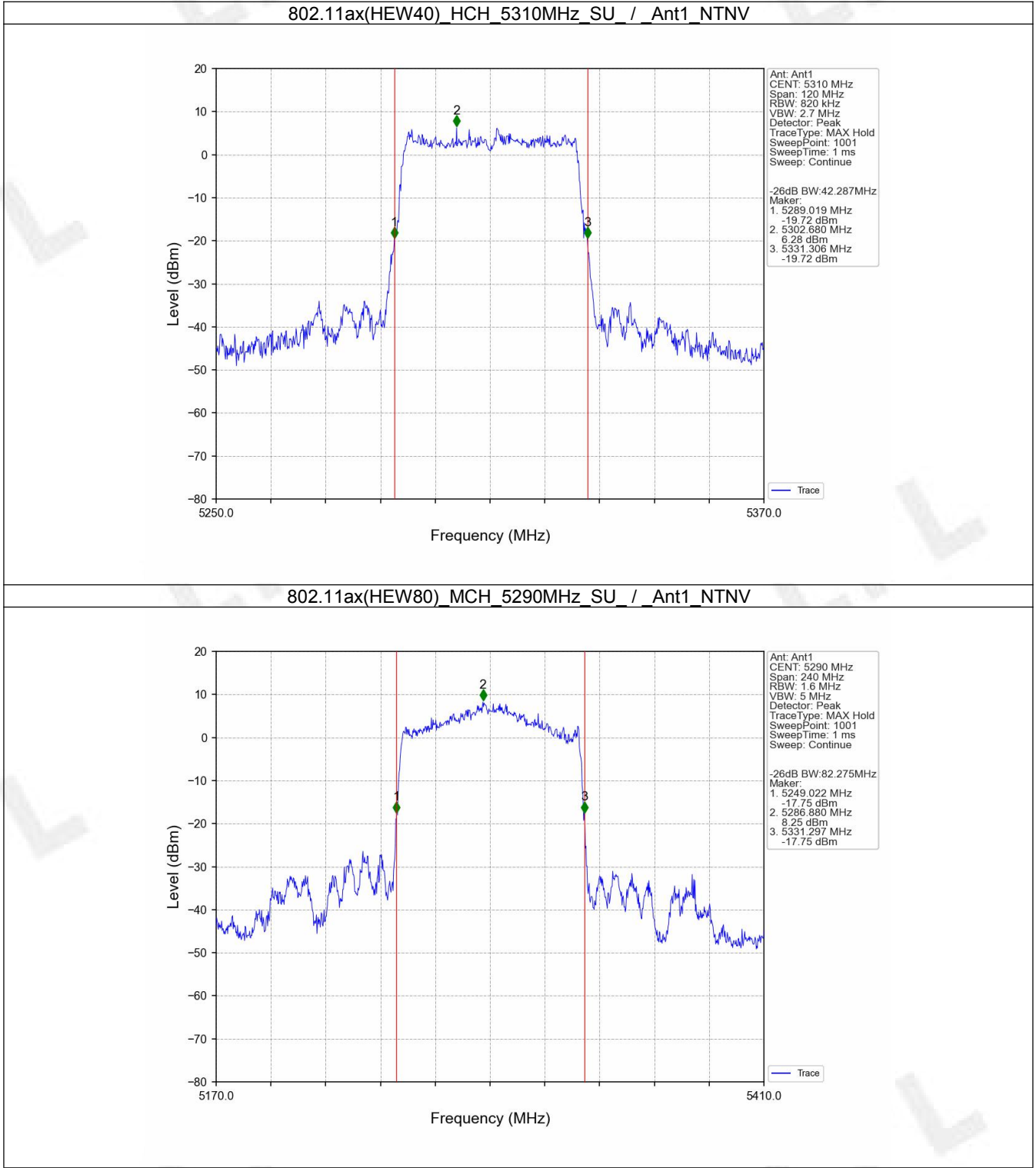
FCC ID: SMQUWM2



FCC ID: SMQUWM2



FCC ID: SMQUWM2



FCC ID: SMQUWM2

3. Maximum Conducted Output Power**3.1 Test Result****3.1.1 Power**

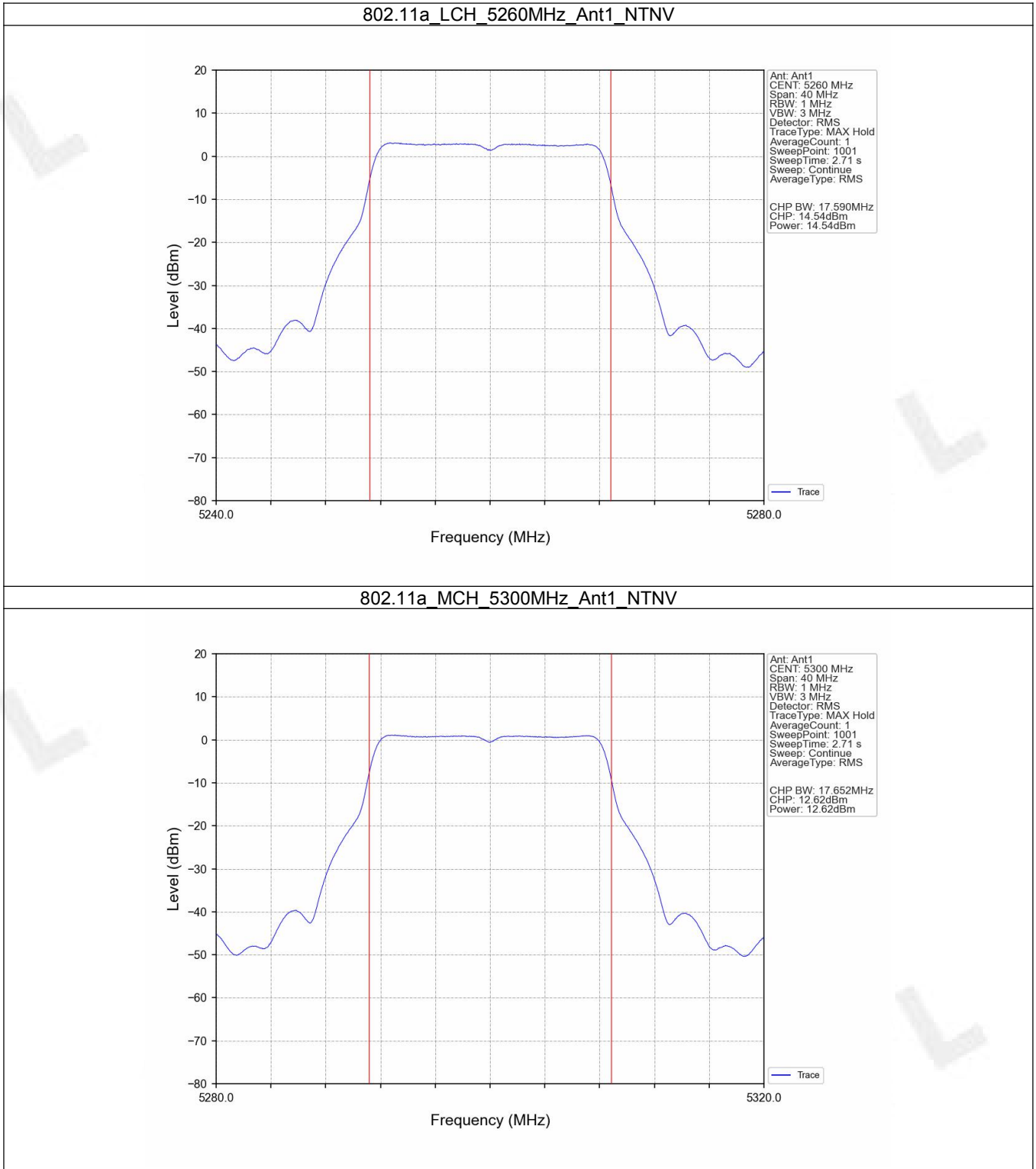
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					ANT1	Limit	
802.11a	SISO	5260	/	/	14.54	<=23.98	Pass
		5300	/	/	12.62	<=23.98	Pass
		5320	/	/	12.58	<=23.98	Pass
802.11n (HT20)	SISO	5260	/	/	13.20	<=23.98	Pass
		5300	/	/	12.61	<=23.98	Pass
		5320	/	/	12.55	<=23.98	Pass
802.11n (HT40)	SISO	5270	/	/	12.74	<=23.98	Pass
		5310	/	/	12.29	<=23.98	Pass
802.11ac (VHT20)	SISO	5260	/	/	13.19	<=23.98	Pass
		5300	/	/	12.62	<=23.98	Pass
		5320	/	/	12.62	<=23.98	Pass
802.11ac (VHT40)	SISO	5270	/	/	12.74	<=23.98	Pass
		5310	/	/	11.90	<=23.98	Pass
802.11ac (VHT80)	SISO	5290	/	/	12.45	<=23.98	Pass
802.11ax (HEW20)	SISO	5260	SU	/	13.50	<=23.98	Pass
		5300	SU	/	12.43	<=23.98	Pass
		5320	SU	/	12.41	<=23.98	Pass
802.11ax (HEW40)	SISO	5270	SU	/	12.82	<=23.98	Pass
		5310	SU	/	11.65	<=23.98	Pass
802.11ax (HEW80)	SISO	5290	SU	/	12.64	<=23.98	Pass

Note1: Antenna Gain: Ant1: 4.43dBi;

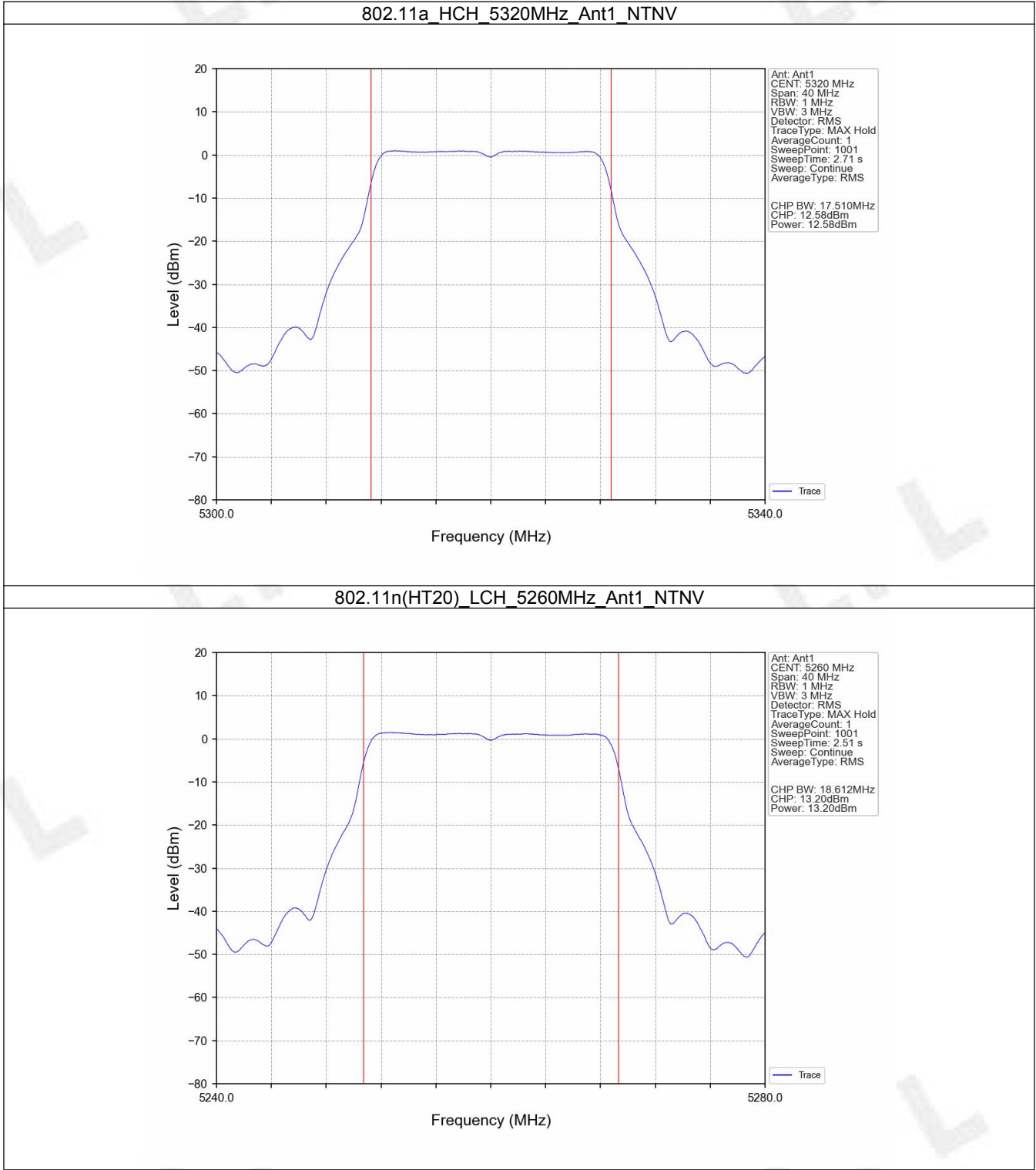
FCC ID: SMQUWM2

3.2 Test Graph

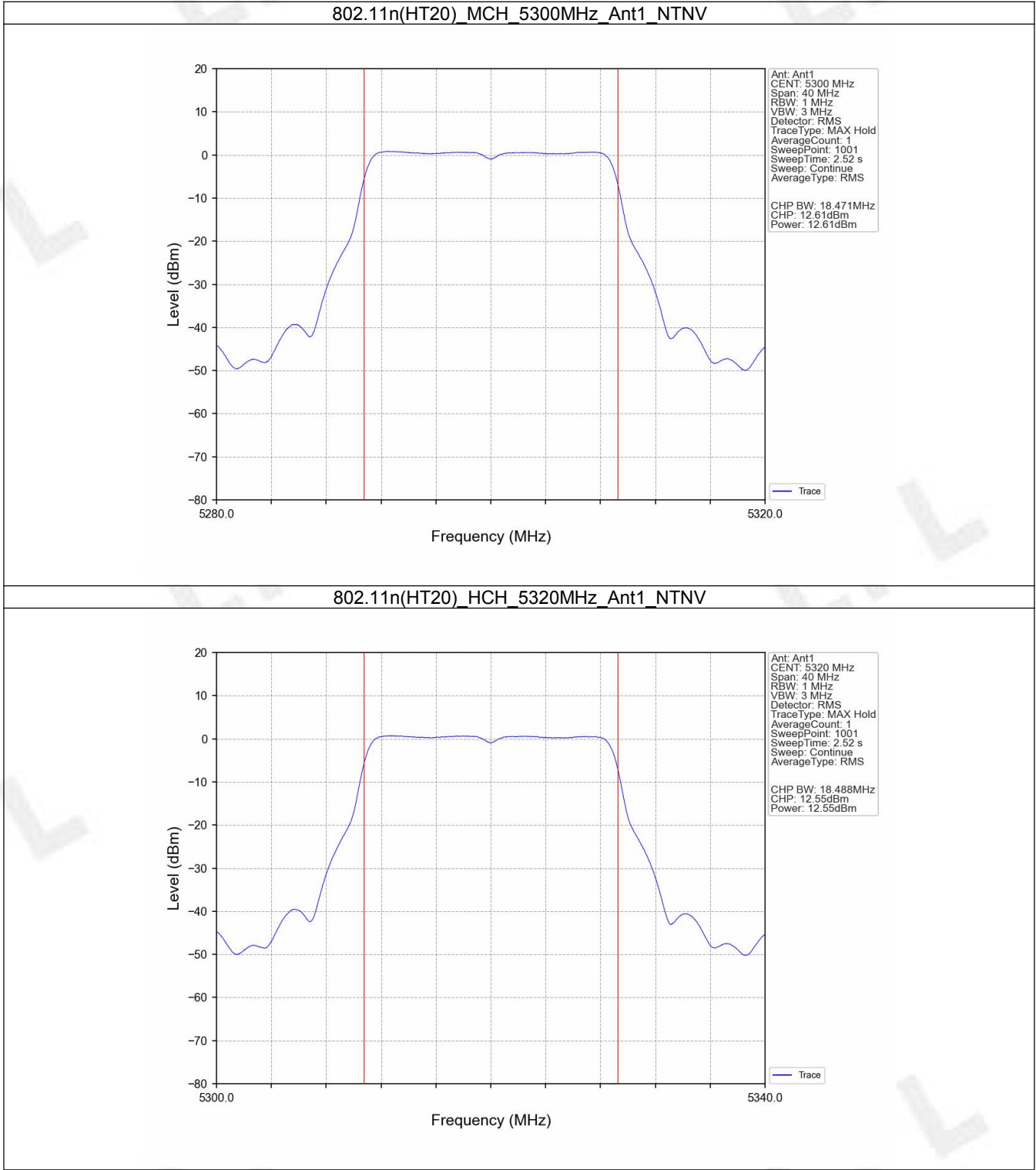
3.2.1 Power



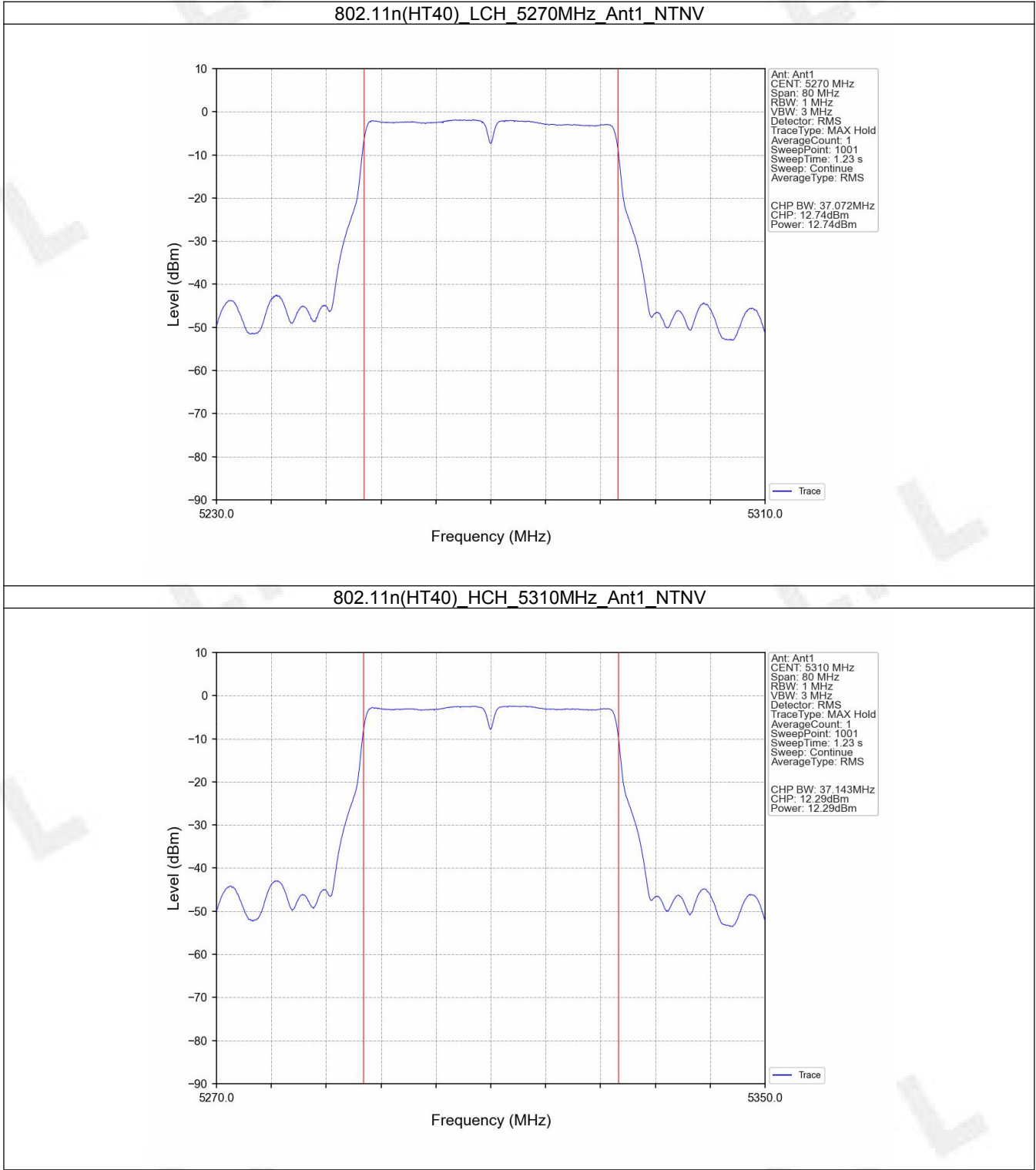
FCC ID: SMQUWM2



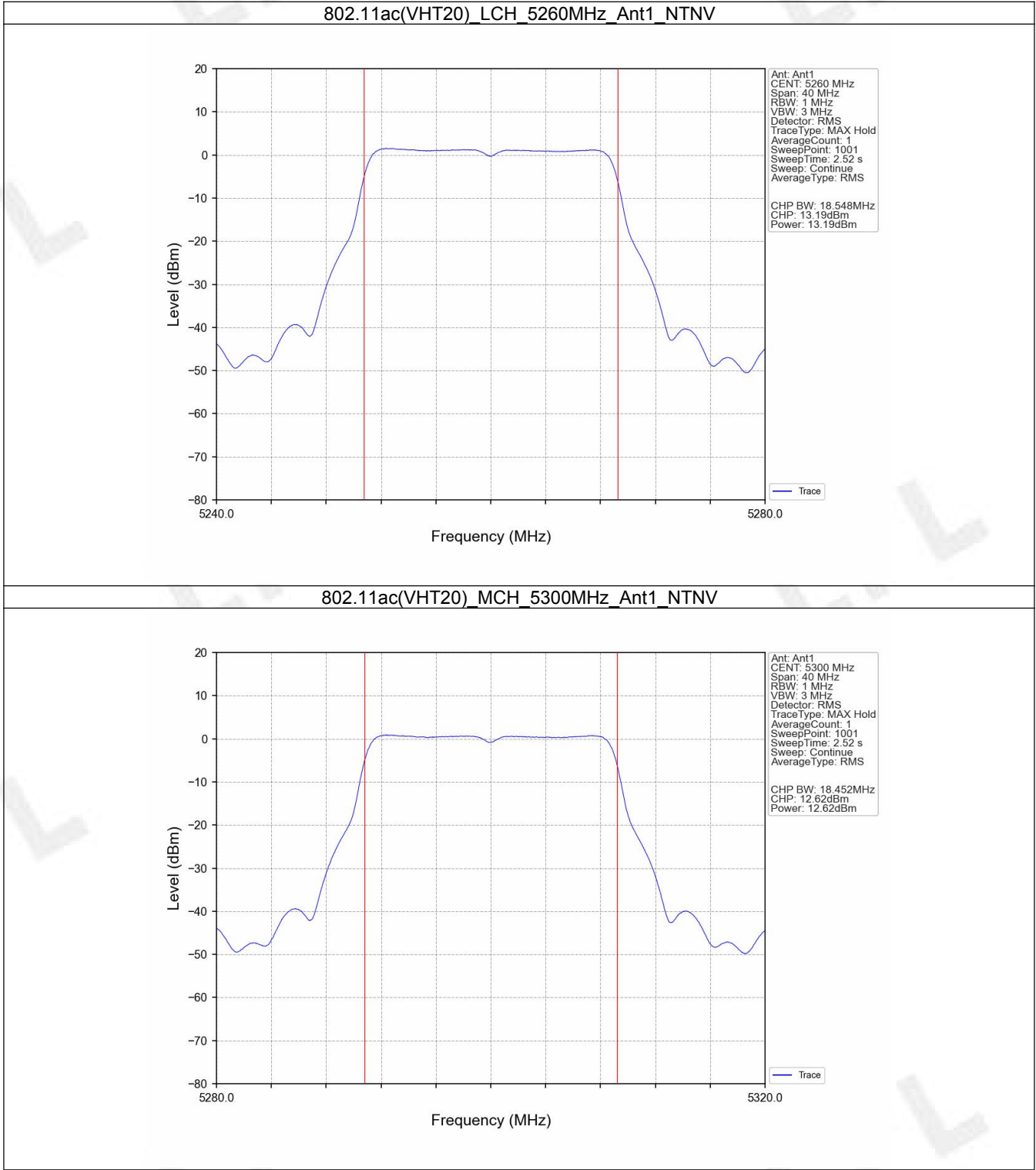
FCC ID: SMQUWM2



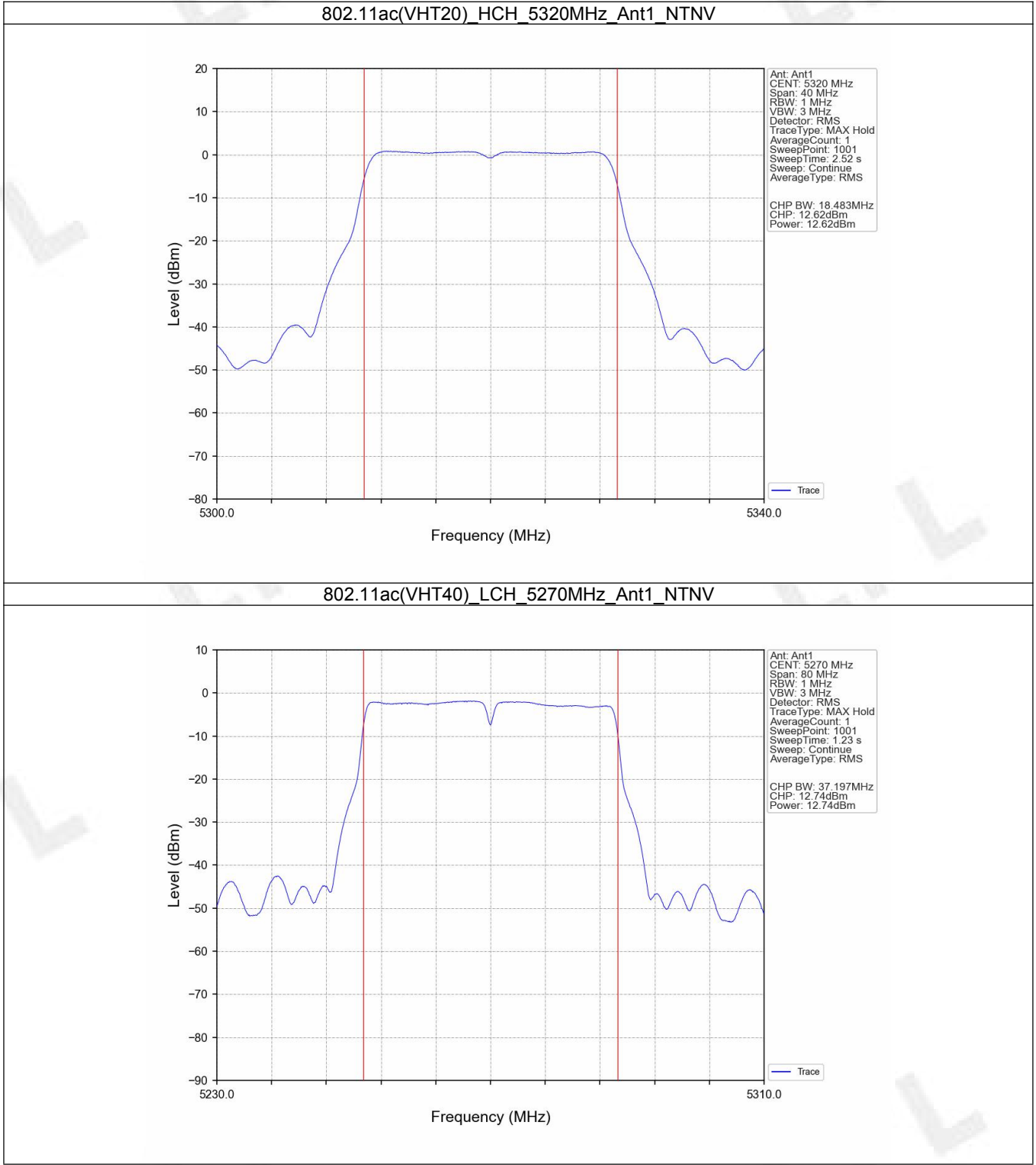
FCC ID: SMQUWM2



FCC ID: SMQUWM2

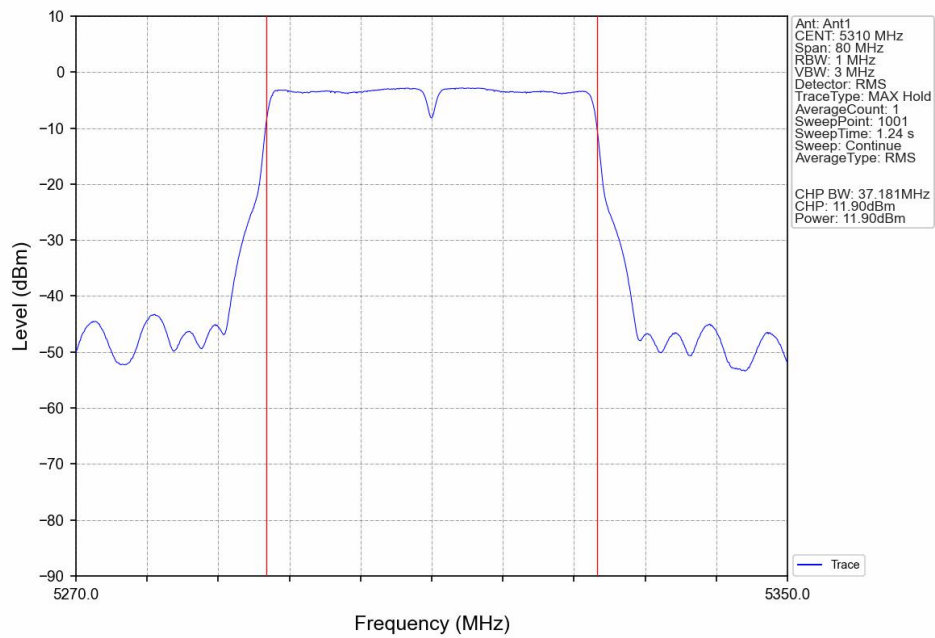


FCC ID: SMQUWM2

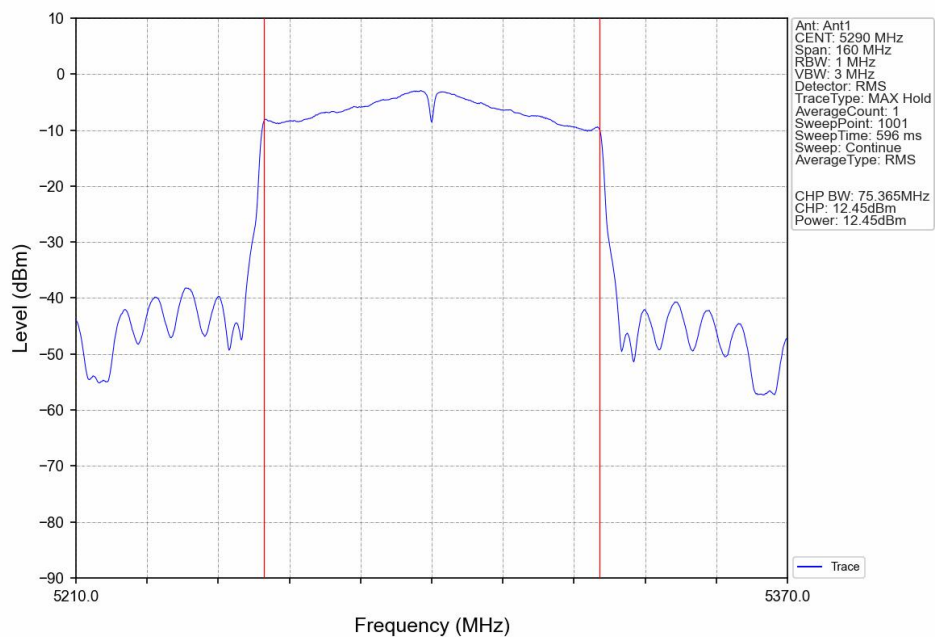


FCC ID: SMQUWM2

802.11ac(VHT40) HCH 5310MHz Ant1_NTNV

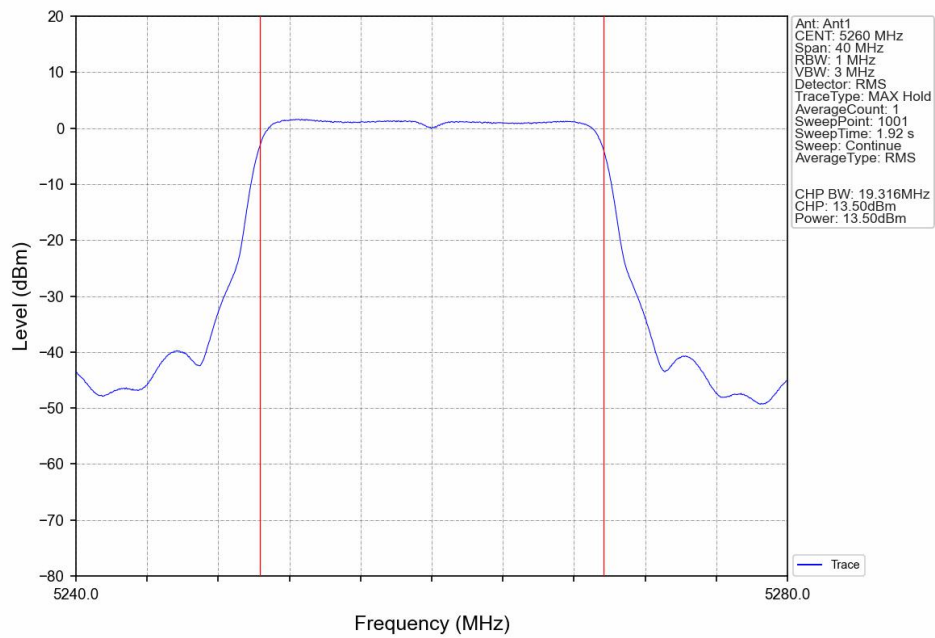


802.11ac(VHT80) MCH 5290MHz Ant1_NTNV

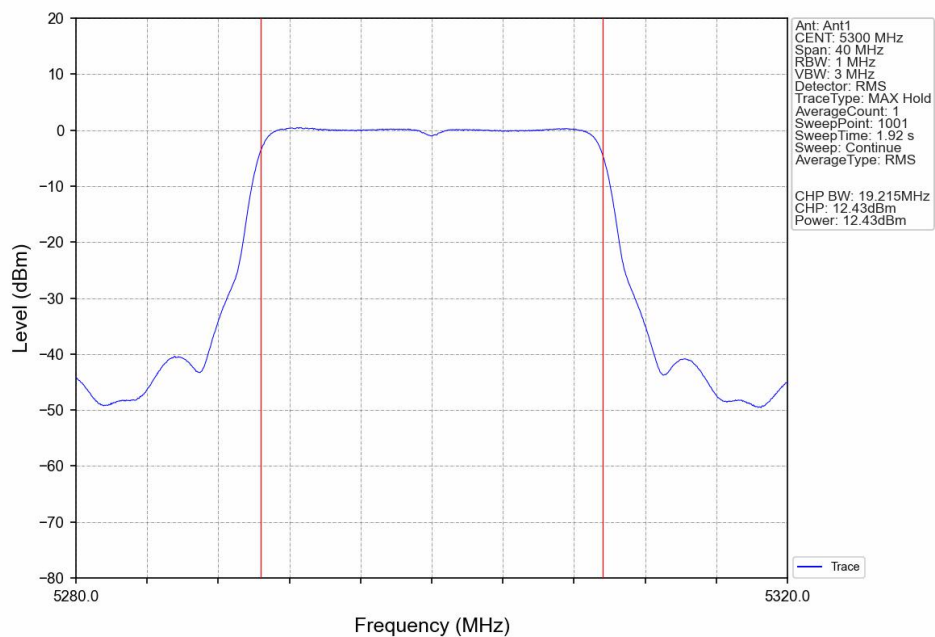


FCC ID: SMQUWM2

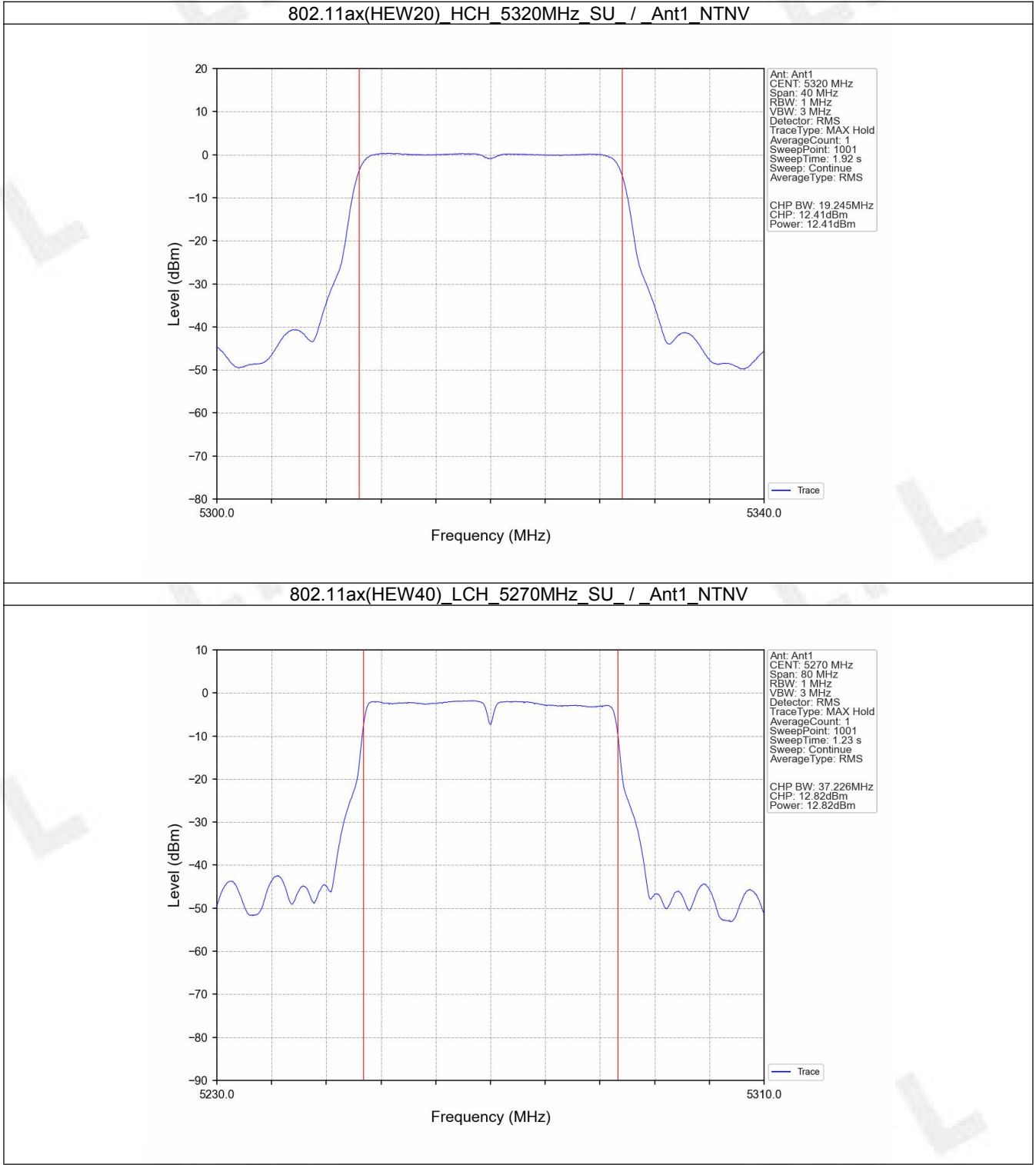
802.11ax(HEW20)_LCH_5260MHz_SU_/_Ant1_NTNV



802.11ax(HEW20)_MCH_5300MHz_SU_/_Ant1_NTNV

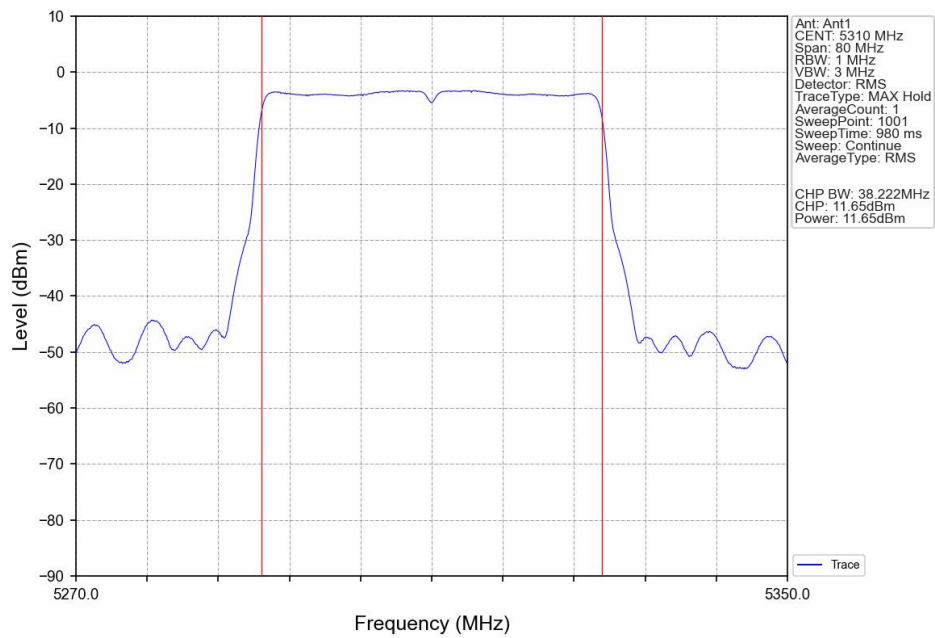


FCC ID: SMQUWM2

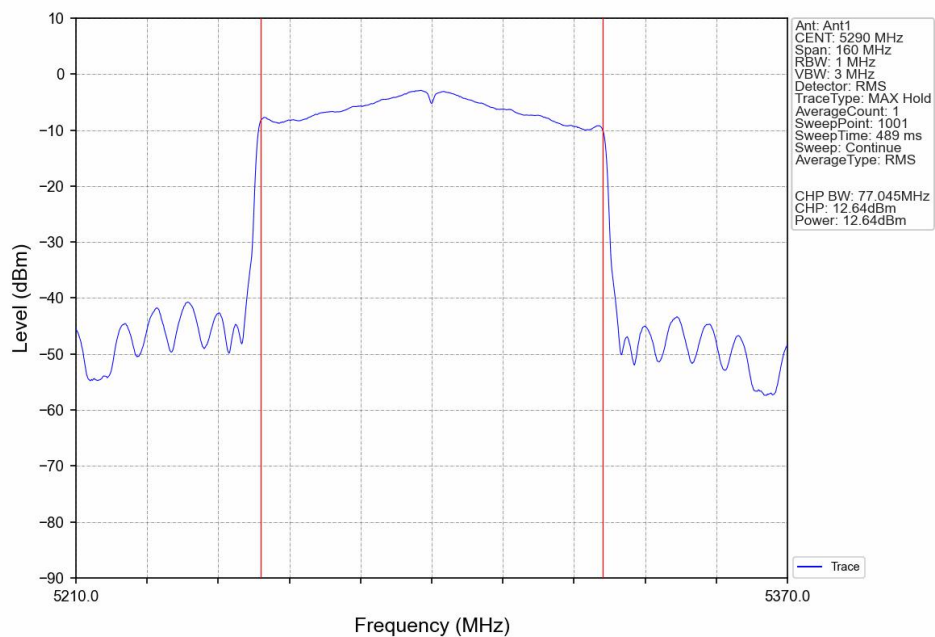


FCC ID: SMQUWM2

802.11ax(HEW40)_HCH_5310MHz_SU_ / Ant1_NTNV



802.11ax(HEW80)_MCH_5290MHz_SU_ / Ant1_NTNV



FCC ID: SMQUWM2

4. Maximum Power Spectral Density**4.1 Test Result****4.1.1 PSD**

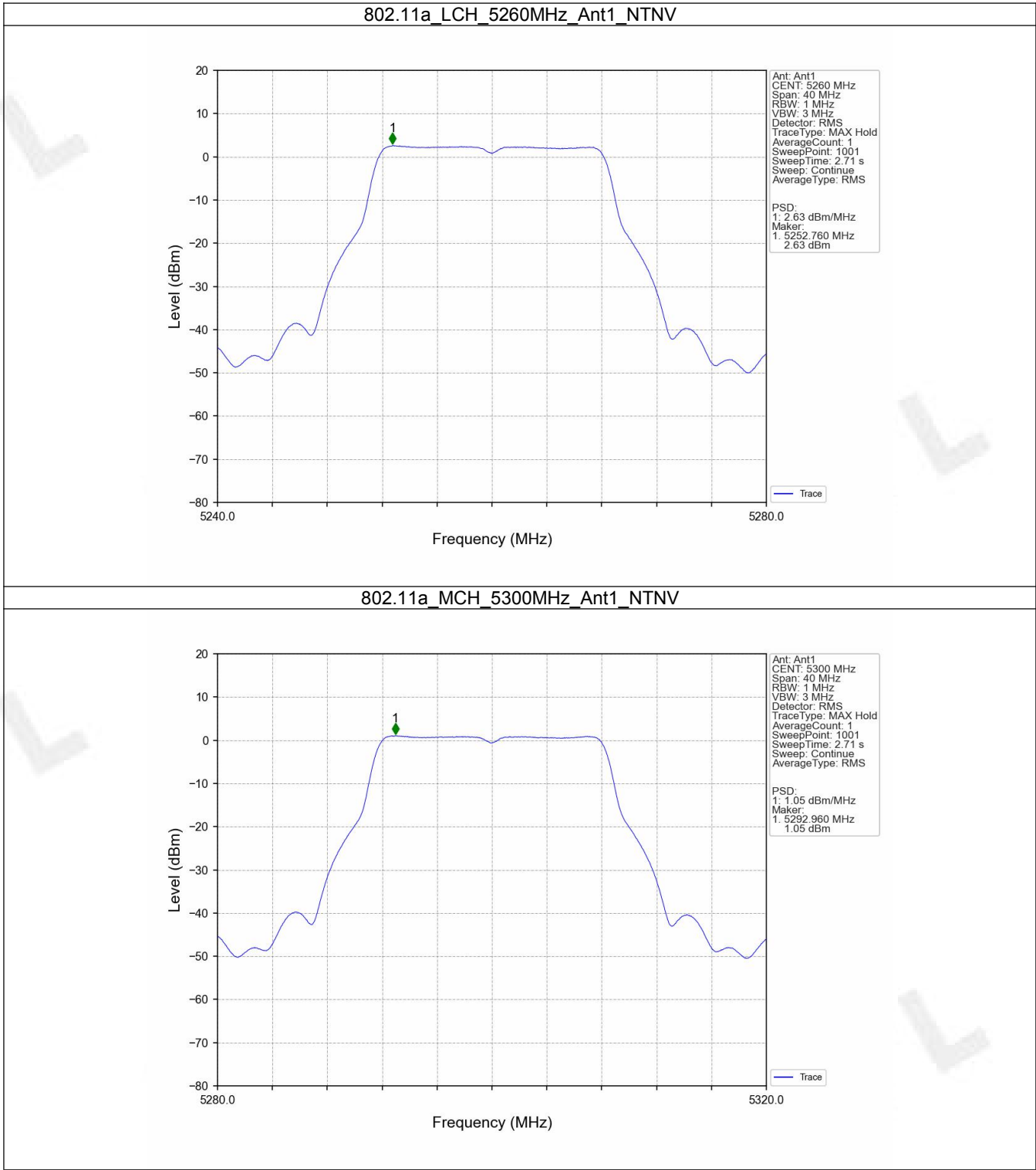
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5260	/	/	2.63	<=11	Pass
		5300	/	/	1.05	<=11	Pass
		5320	/	/	0.99	<=11	Pass
802.11n (HT20)	SISO	5260	/	/	1.47	<=11	Pass
		5300	/	/	0.82	<=11	Pass
		5320	/	/	0.72	<=11	Pass
802.11n (HT40)	SISO	5270	/	/	-1.91	<=11	Pass
		5310	/	/	-2.43	<=11	Pass
802.11ac (VHT20)	SISO	5260	/	/	1.52	<=11	Pass
		5300	/	/	0.85	<=11	Pass
		5320	/	/	0.80	<=11	Pass
802.11ac (VHT40)	SISO	5270	/	/	-1.89	<=11	Pass
		5310	/	/	-2.83	<=11	Pass
802.11ac (VHT80)	SISO	5290	/	/	-3.08	<=11	Pass
802.11ax (HEW20)	SISO	5260	SU	/	1.51	<=11	Pass
		5300	SU	/	0.42	<=11	Pass
		5320	SU	/	0.36	<=11	Pass
802.11ax (HEW40)	SISO	5270	SU	/	-1.85	<=11	Pass
		5310	SU	/	-3.32	<=11	Pass
802.11ax (HEW80)	SISO	5290	SU	/	-2.90	<=11	Pass

Note1: Antenna Gain: Ant1: 4.43dBi;

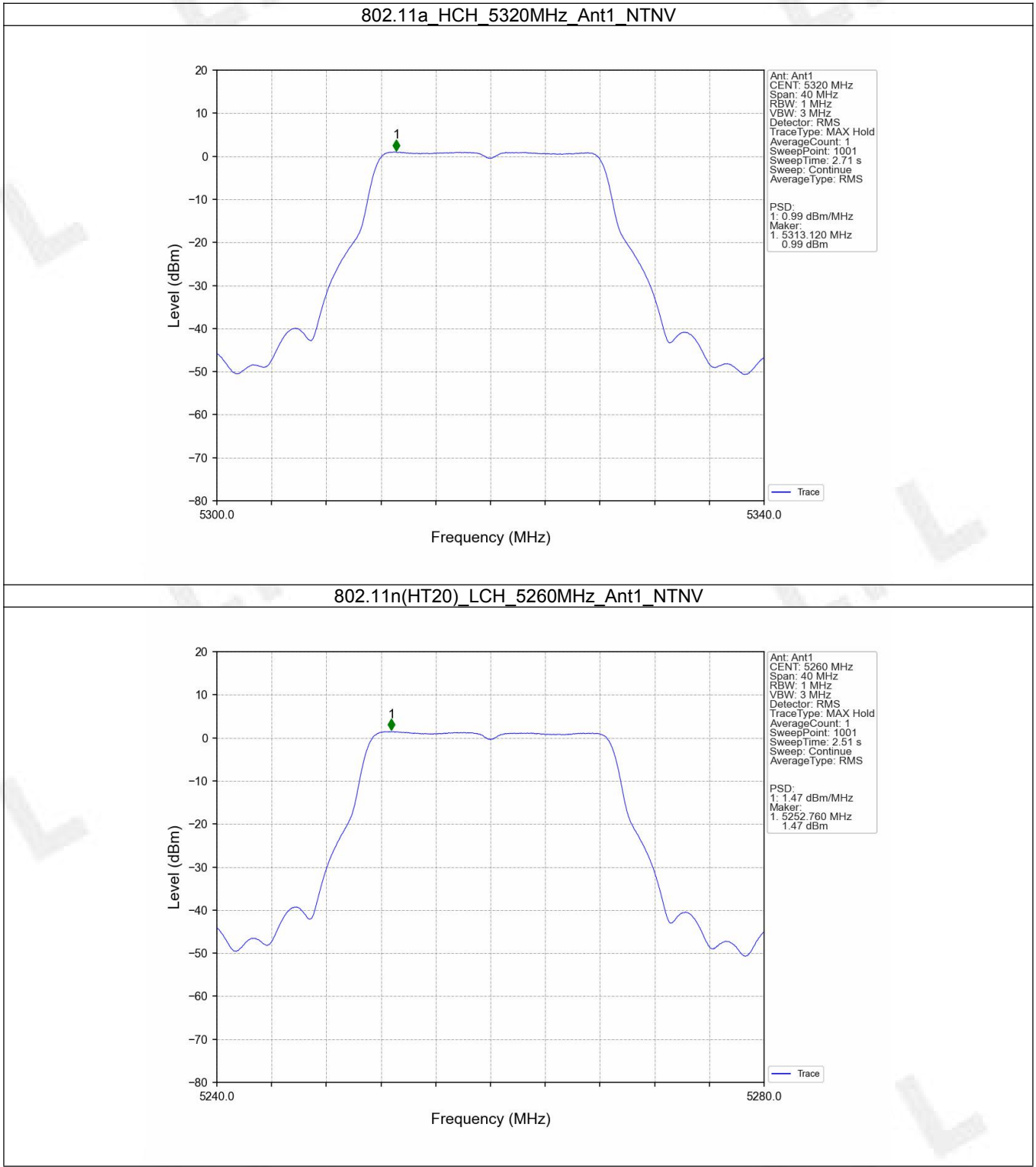
FCC ID: SMQUWM2

4.2 Test Graph

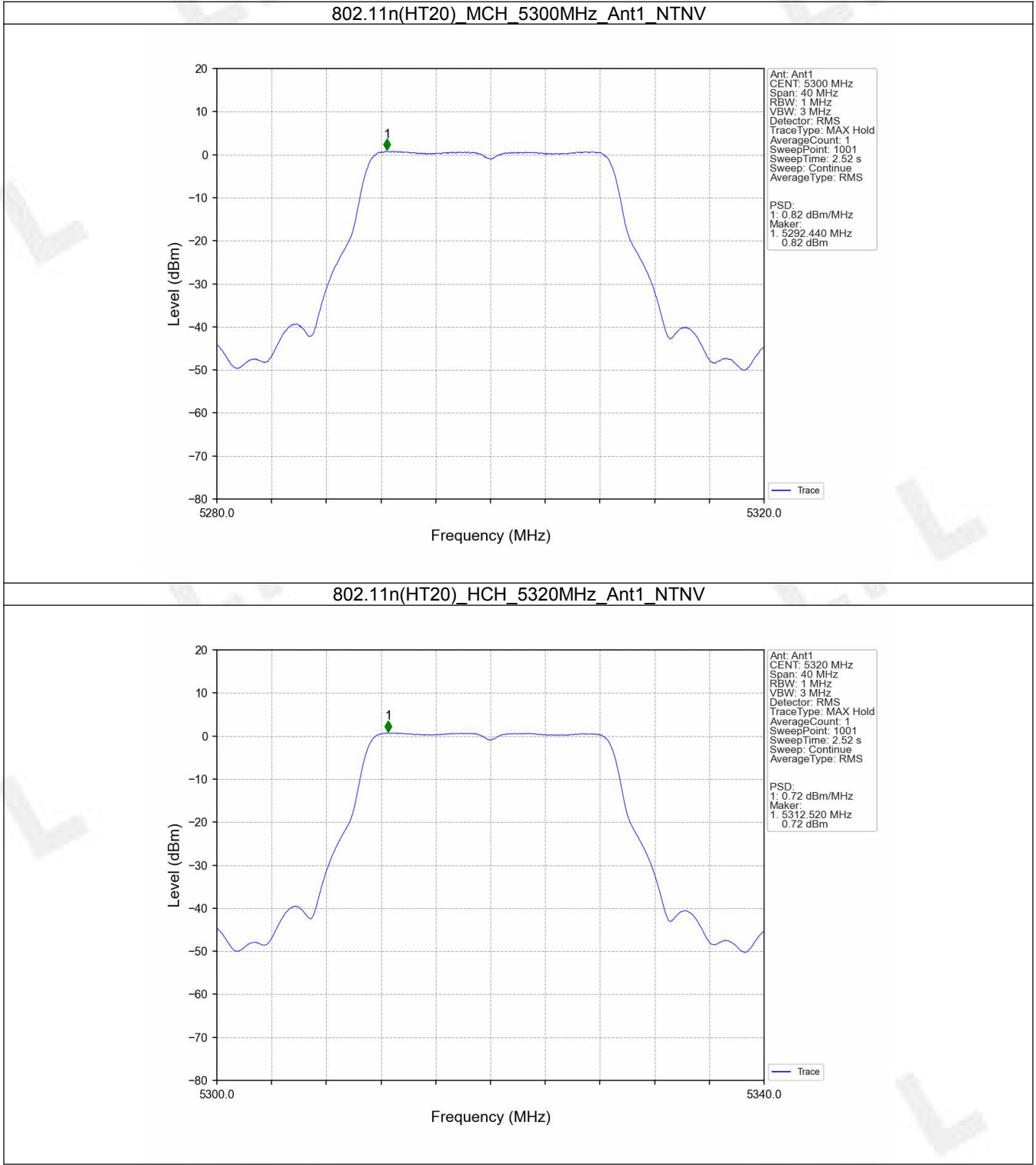
4.2.1 PSD



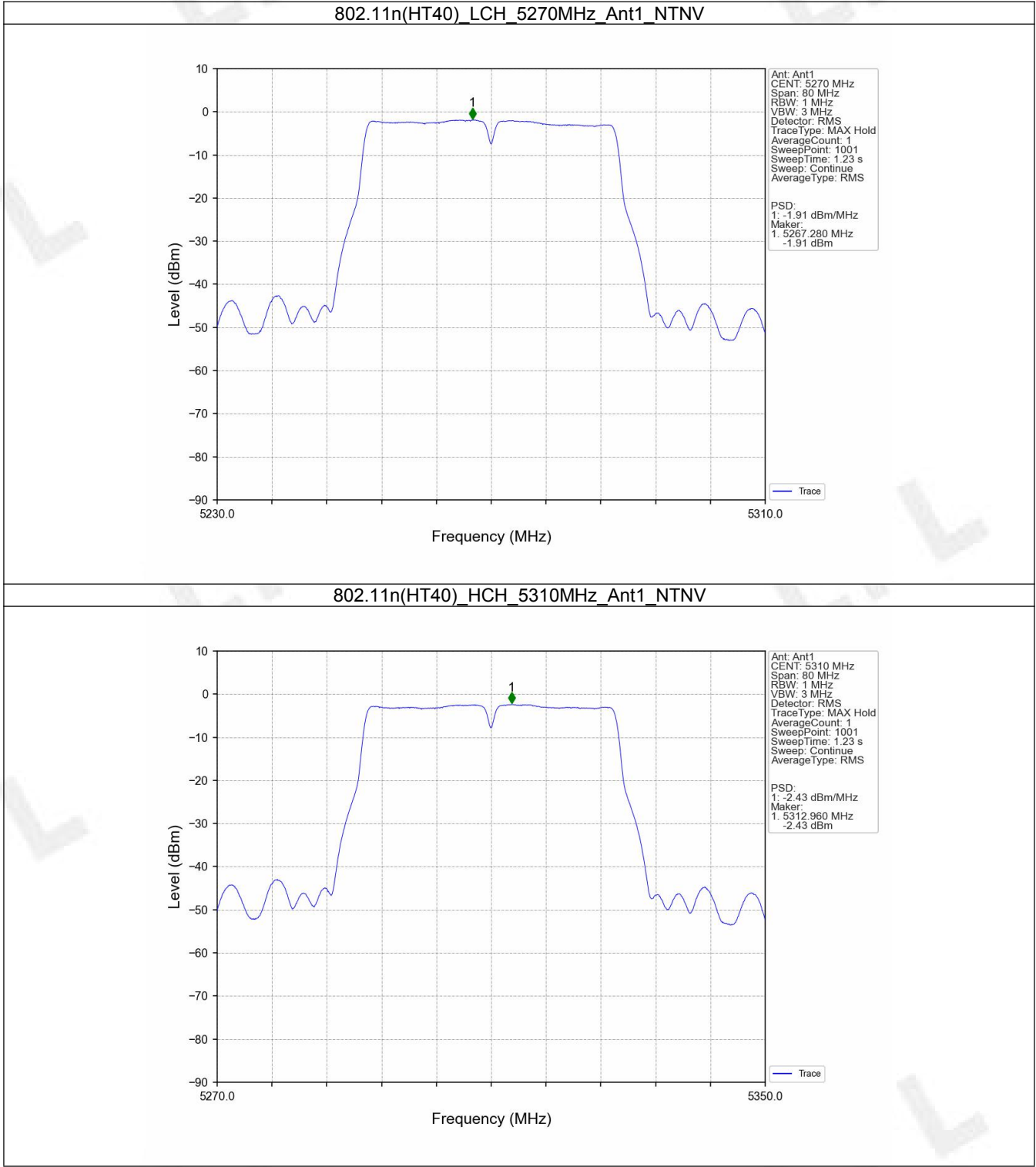
FCC ID: SMQUWM2



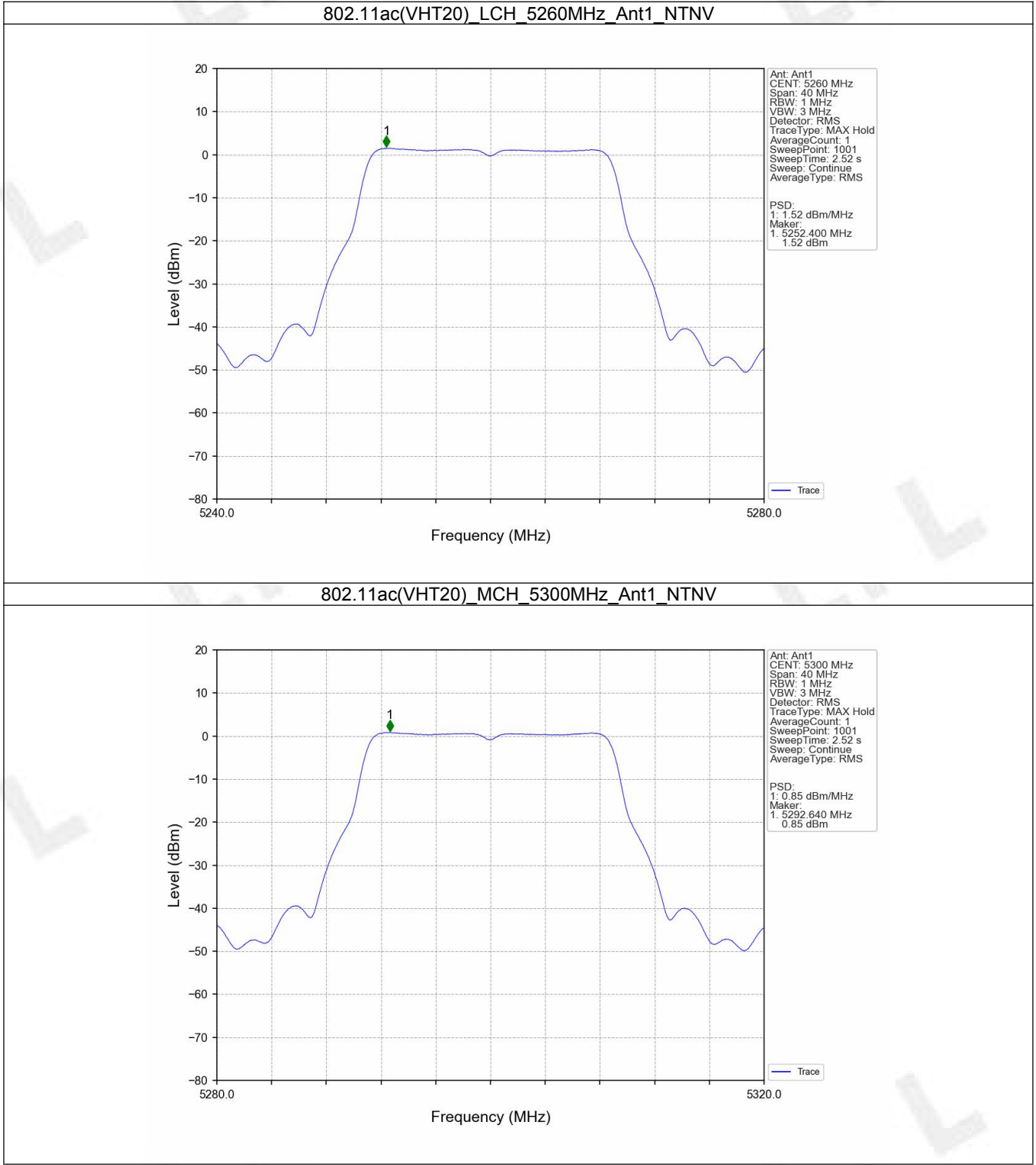
FCC ID: SMQUWM2



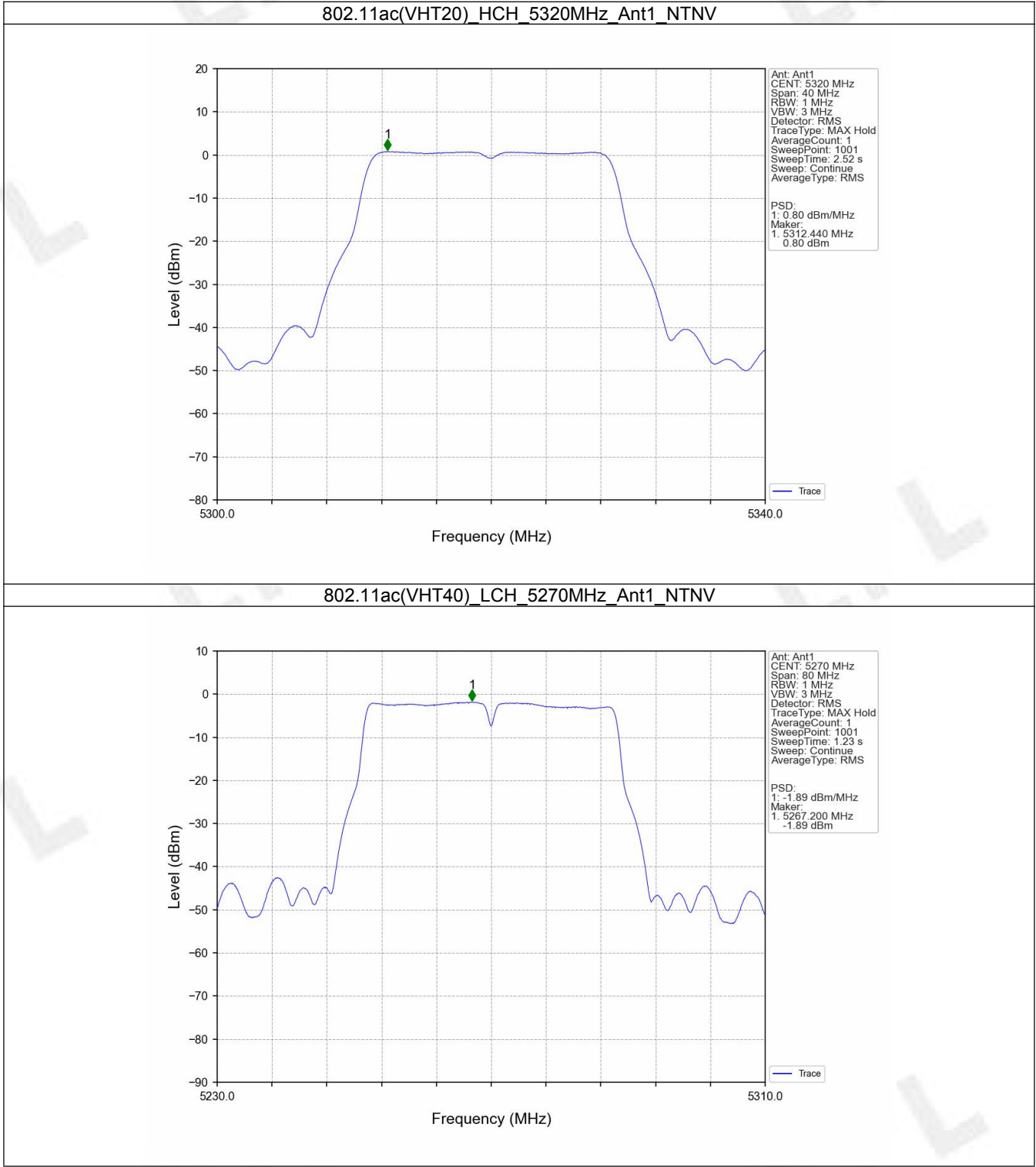
FCC ID: SMQUWM2



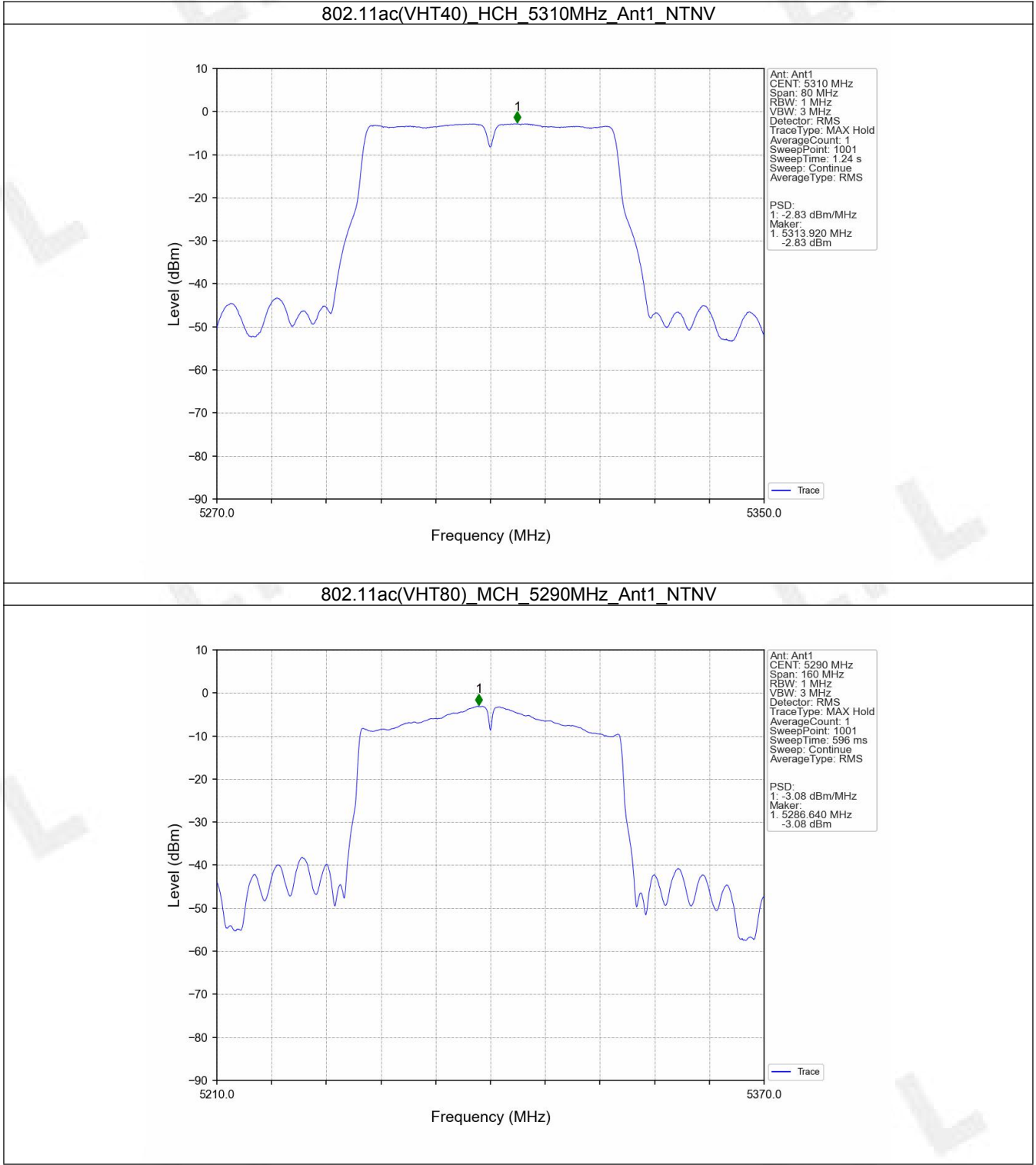
FCC ID: SMQUWM2



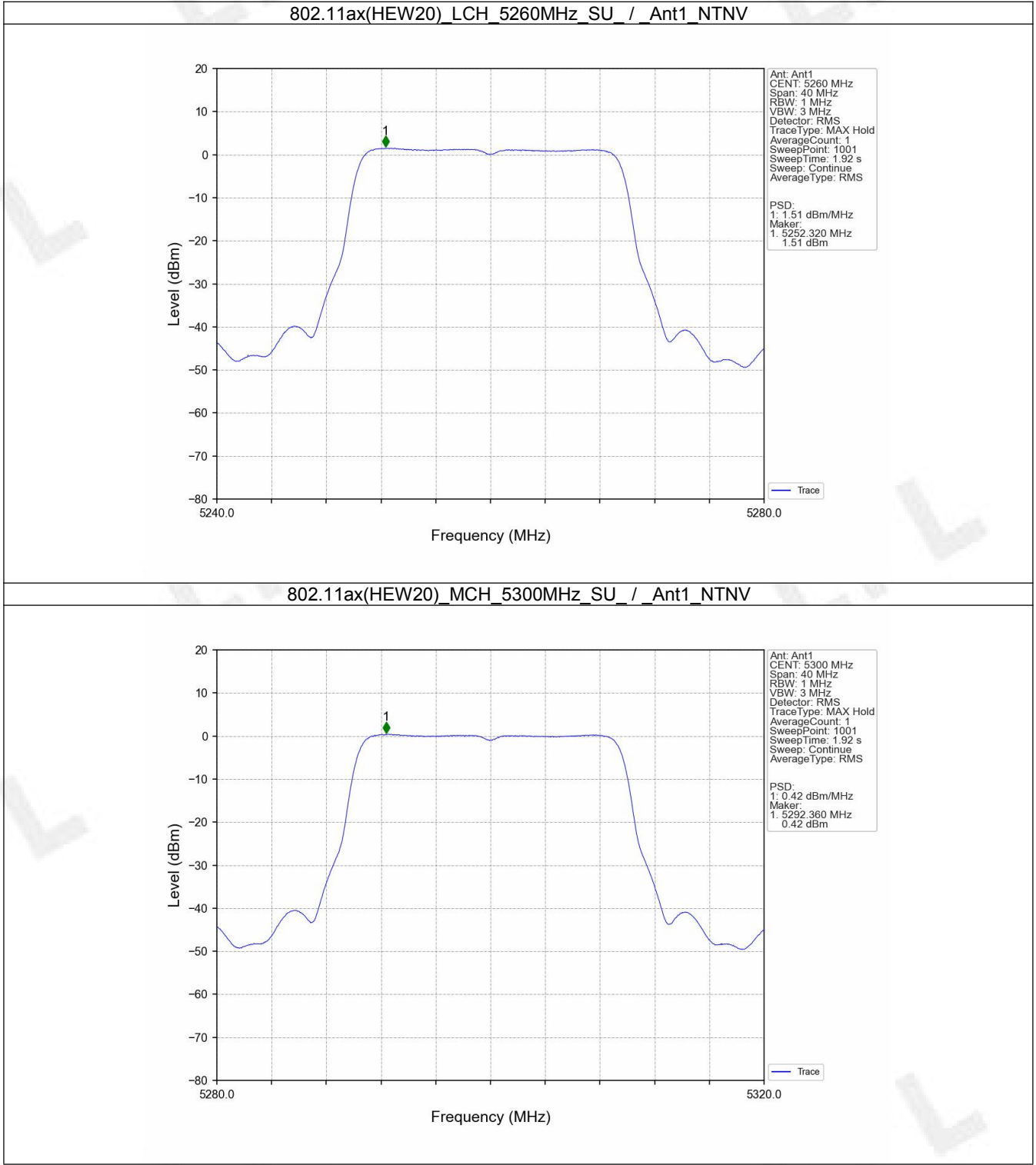
FCC ID: SMQUWM2



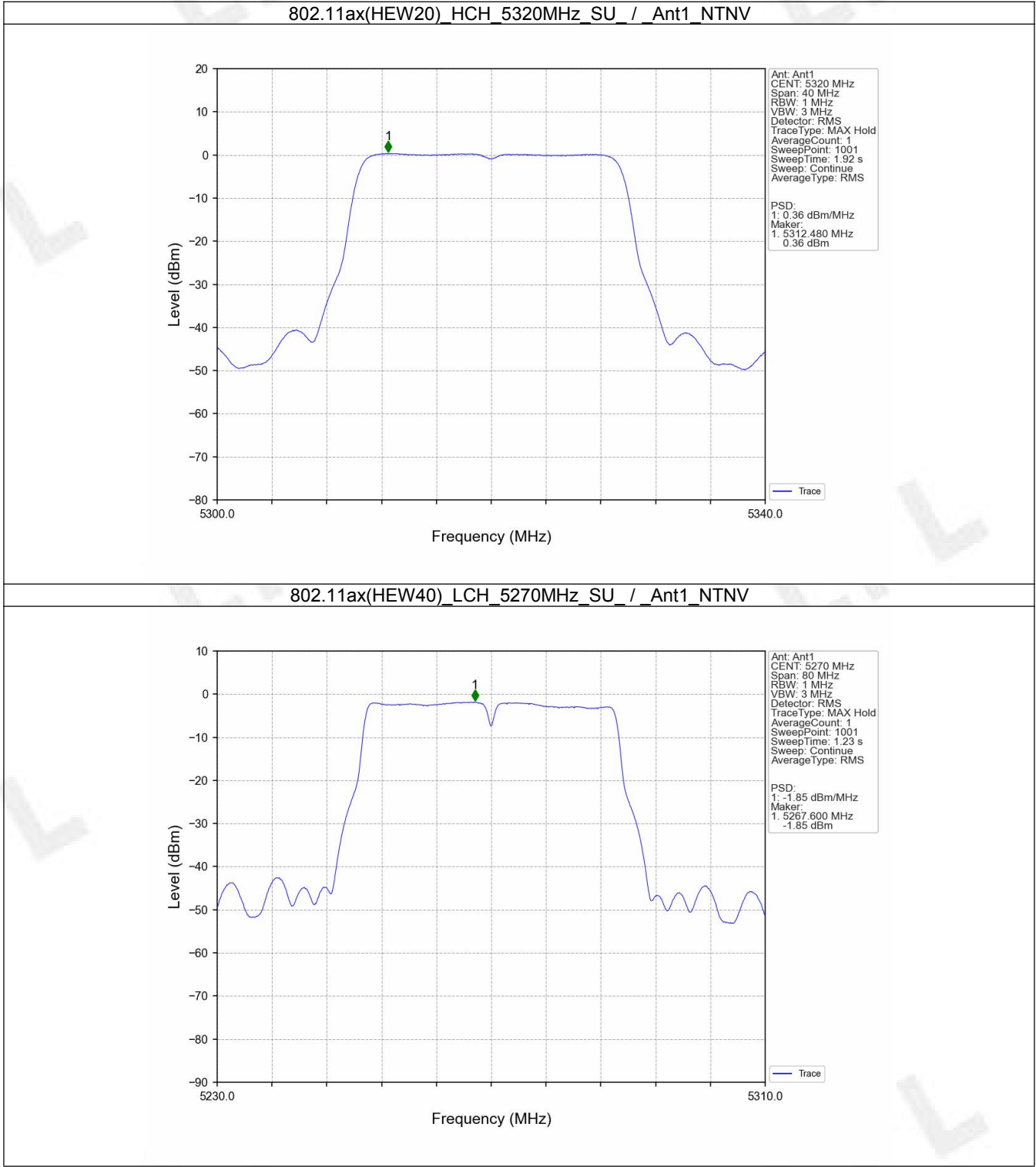
FCC ID: SMQUWM2



FCC ID: SMQUWM2

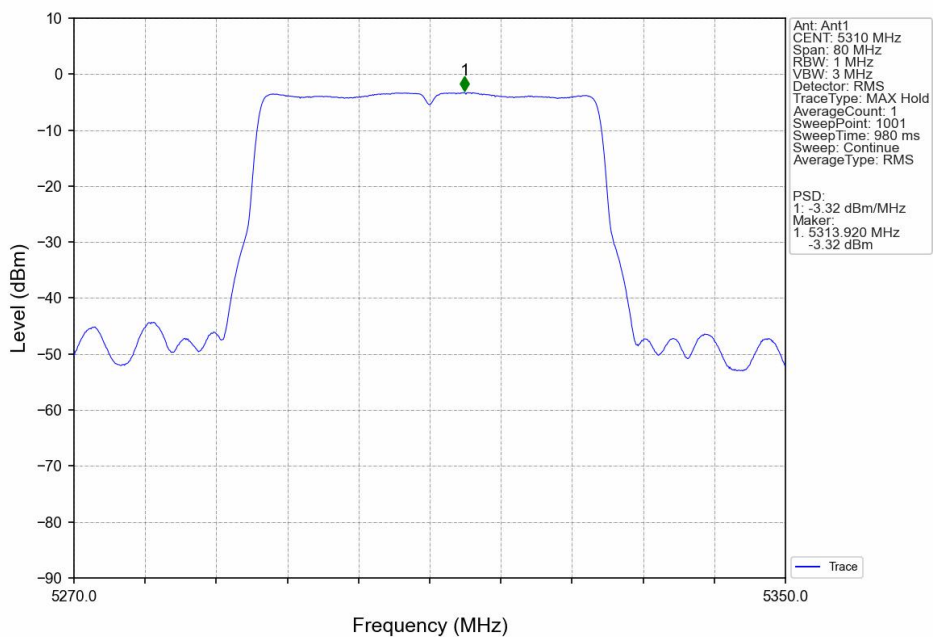


FCC ID: SMQUWM2

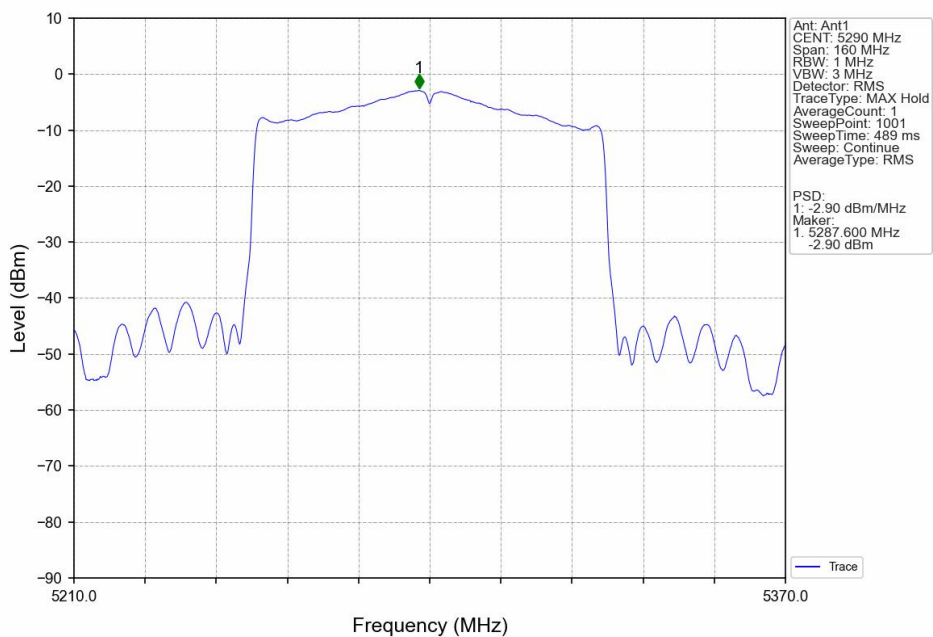


FCC ID: SMQUWM2

802.11ax(HEW40)_HCH_5310MHz_SU_ / Ant1_NTNV



802.11ax(HEW80)_MCH_5290MHz_SU_ / Ant1_NTNV



FCC ID: SMQUWM2

5. Frequency Stability**5.1 Test Result****5.1.1 Ant1**

Ant1							
Mode	Tx Type	Frequency (MHz)	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5260	20	4.5	5259.967	5250 to 5350	Pass
				5.0	5259.967	5250 to 5350	Pass
				5.5	5259.967	5250 to 5350	Pass
			-30	5.0	5259.967	5250 to 5350	Pass
			-20	5.0	5259.966	5250 to 5350	Pass
			-10	5.0	5259.966	5250 to 5350	Pass
			0	5.0	5259.966	5250 to 5350	Pass
			10	5.0	5259.966	5250 to 5350	Pass
			30	5.0	5259.966	5250 to 5350	Pass
			40	5.0	5259.966	5250 to 5350	Pass
			50	5.0	5259.966	5250 to 5350	Pass
		5300	20	4.5	5299.965	5250 to 5350	Pass
				5.0	5299.964	5250 to 5350	Pass
				5.5	5299.964	5250 to 5350	Pass
			-30	5.0	5299.964	5250 to 5350	Pass
			-20	5.0	5299.964	5250 to 5350	Pass
			-10	5.0	5299.964	5250 to 5350	Pass
			0	5.0	5299.964	5250 to 5350	Pass
			10	5.0	5299.964	5250 to 5350	Pass
			30	5.0	5299.964	5250 to 5350	Pass
			40	5.0	5299.964	5250 to 5350	Pass
			50	5.0	5299.964	5250 to 5350	Pass
		5320	20	4.5	5319.964	5250 to 5350	Pass
				5.0	5319.964	5250 to 5350	Pass
				5.5	5319.964	5250 to 5350	Pass
			-30	5.0	5319.963	5250 to 5350	Pass
			-20	5.0	5319.964	5250 to 5350	Pass
			-10	5.0	5319.964	5250 to 5350	Pass
			0	5.0	5319.964	5250 to 5350	Pass
			10	5.0	5319.963	5250 to 5350	Pass
			30	5.0	5319.963	5250 to 5350	Pass
			40	5.0	5319.963	5250 to 5350	Pass
			50	5.0	5319.963	5250 to 5350	Pass
		5270	20	4.5	5269.964	5250 to 5350	Pass
				5.0	5269.964	5250 to 5350	Pass
				5.5	5269.964	5250 to 5350	Pass
			-30	5.0	5269.964	5250 to 5350	Pass
			-20	5.0	5269.964	5250 to 5350	Pass
			-10	5.0	5269.964	5250 to 5350	Pass
			0	5.0	5269.964	5250 to 5350	Pass
			10	5.0	5269.964	5250 to 5350	Pass
			30	5.0	5269.964	5250 to 5350	Pass
			40	5.0	5269.964	5250 to 5350	Pass
			50	5.0	5269.964	5250 to 5350	Pass
		5310	20	4.5	5309.963	5250 to 5350	Pass
				5.0	5309.963	5250 to 5350	Pass
				5.5	5309.963	5250 to 5350	Pass
			-30	5.0	5309.963	5250 to 5350	Pass
			-20	5.0	5309.963	5250 to 5350	Pass

FCC ID: SMQUWM2

			-10	5.0	5309.963	5250 to 5350	Pass
			0	5.0	5309.963	5250 to 5350	Pass
			10	5.0	5309.963	5250 to 5350	Pass
			30	5.0	5309.963	5250 to 5350	Pass
			40	5.0	5309.963	5250 to 5350	Pass
			50	5.0	5309.963	5250 to 5350	Pass
		5290	20	4.5	5289.963	5250 to 5350	Pass
				5.0	5289.963	5250 to 5350	Pass
				5.5	5289.963	5250 to 5350	Pass
			-30	5.0	5289.963	5250 to 5350	Pass
			-20	5.0	5289.963	5250 to 5350	Pass
			-10	5.0	5289.963	5250 to 5350	Pass
			0	5.0	5289.963	5250 to 5350	Pass
			10	5.0	5289.963	5250 to 5350	Pass
			30	5.0	5289.963	5250 to 5350	Pass
			40	5.0	5289.963	5250 to 5350	Pass
			50	5.0	5289.963	5250 to 5350	Pass