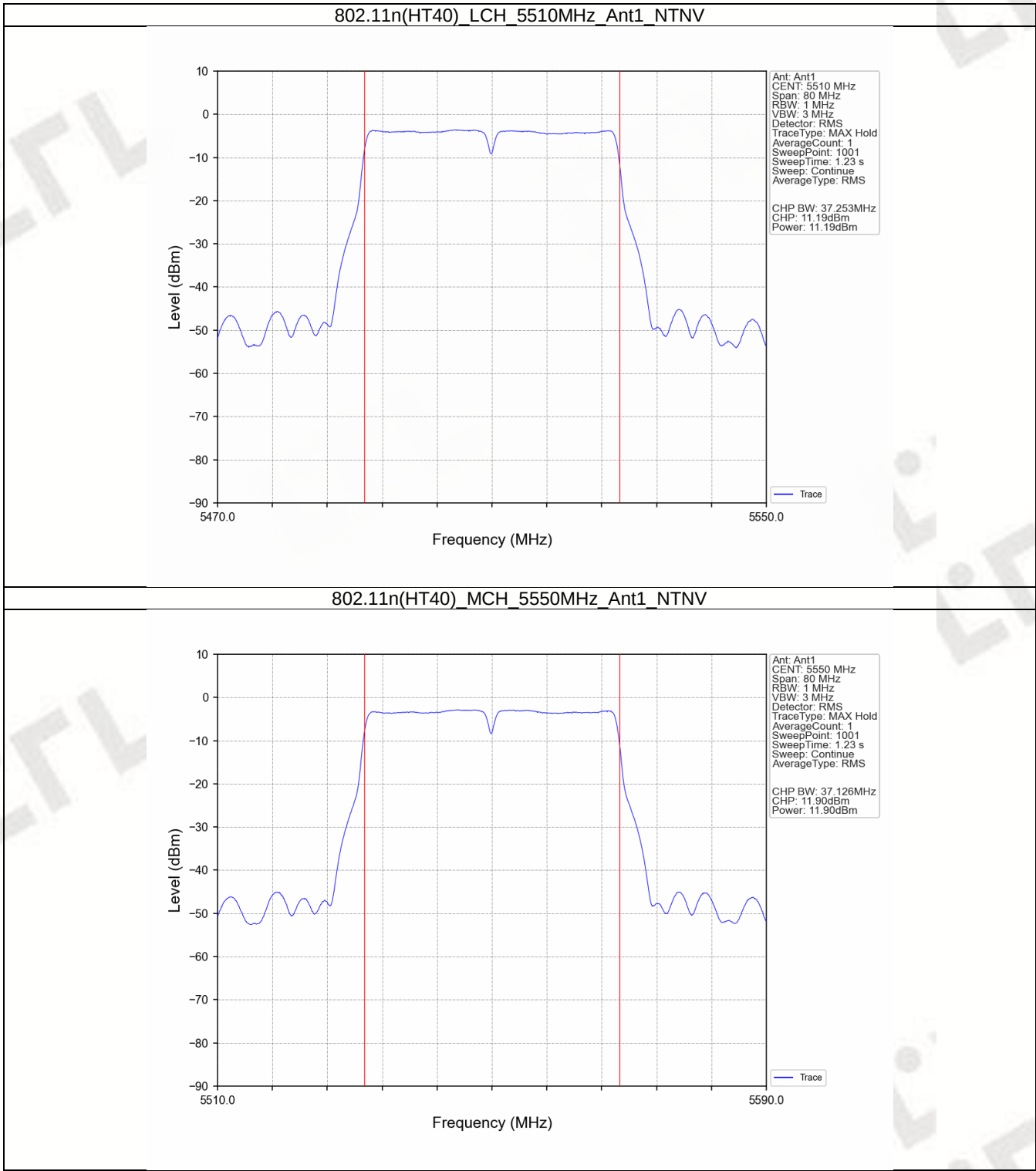
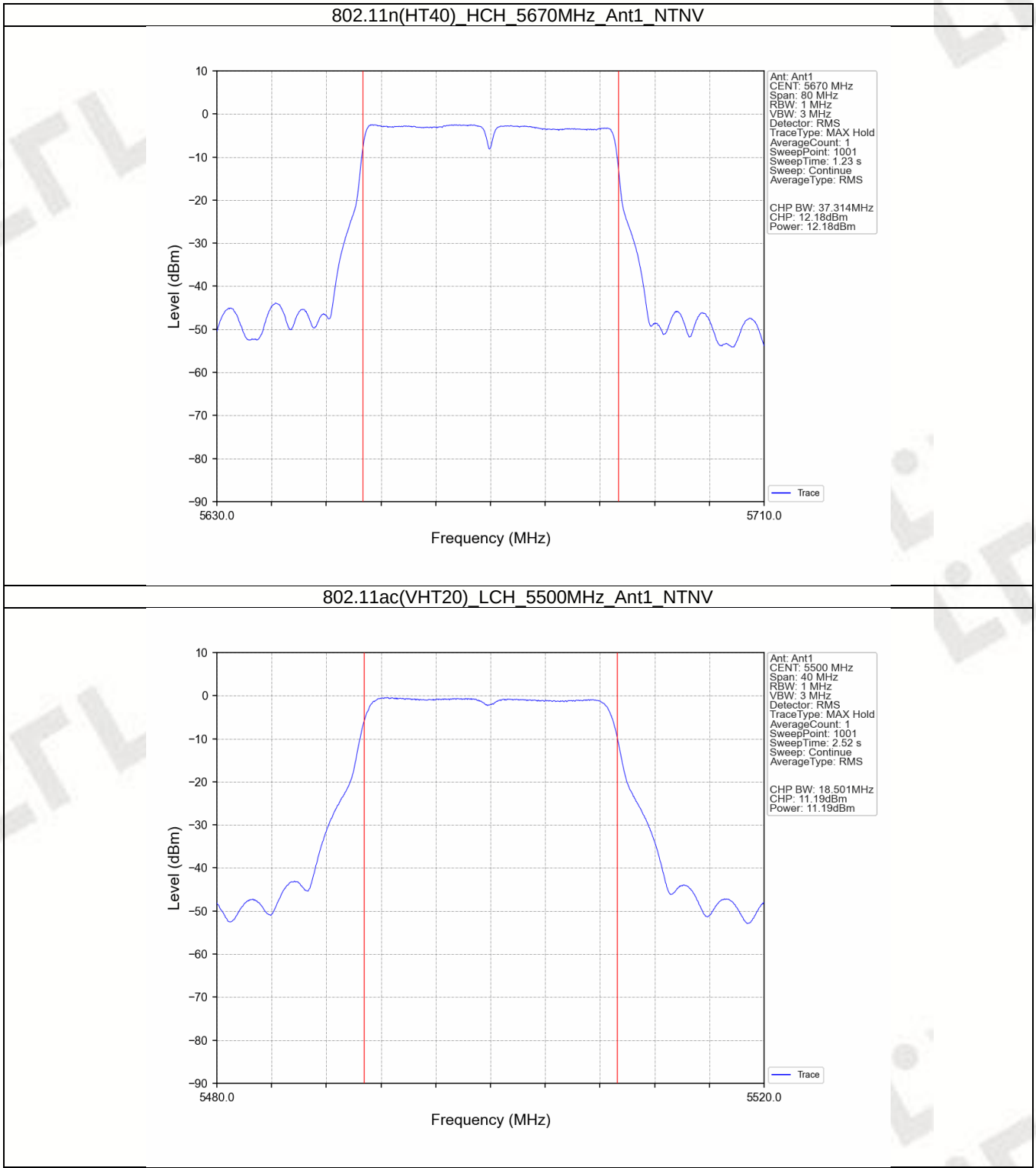


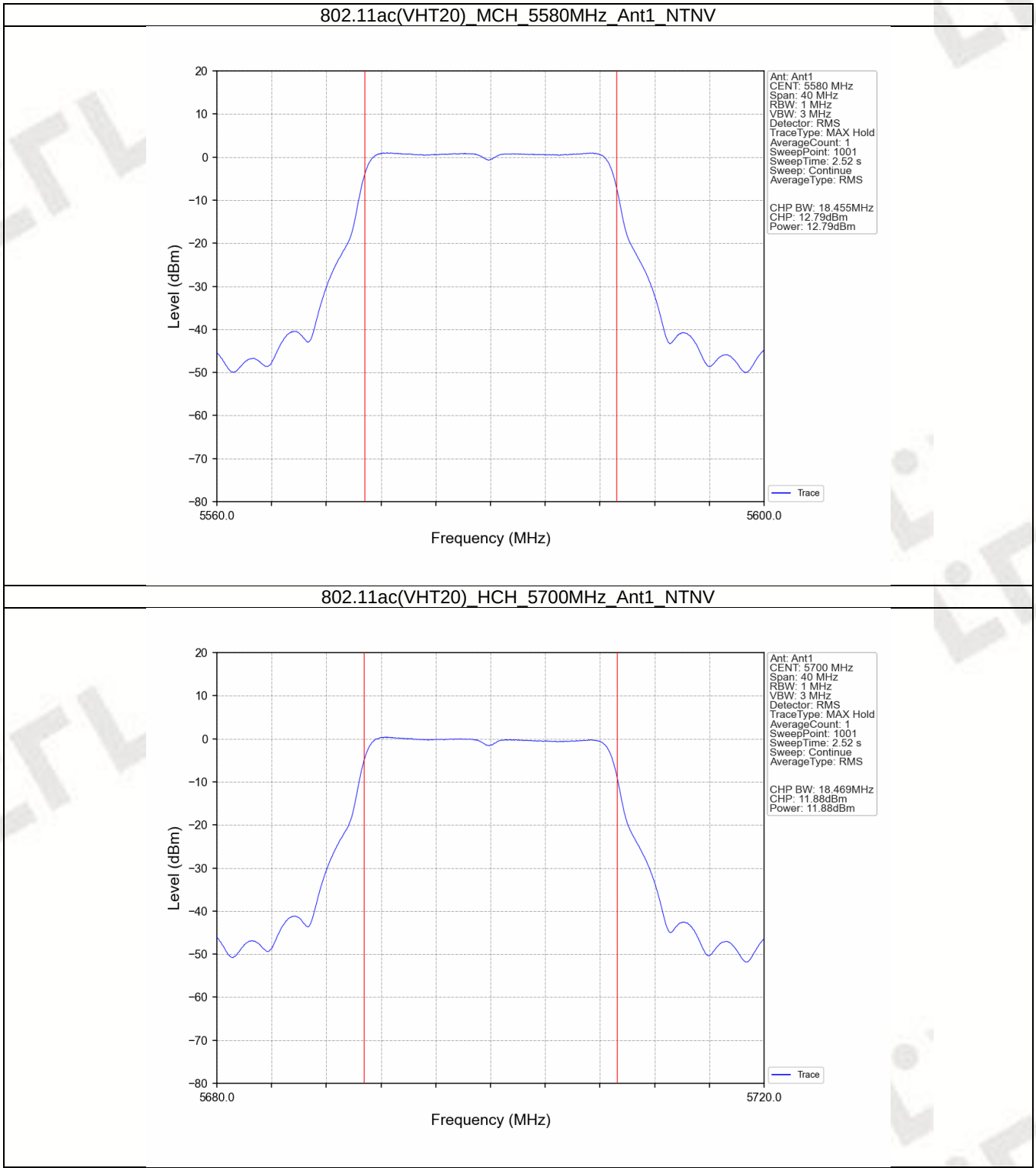
FCC ID: SMQ-UWM1



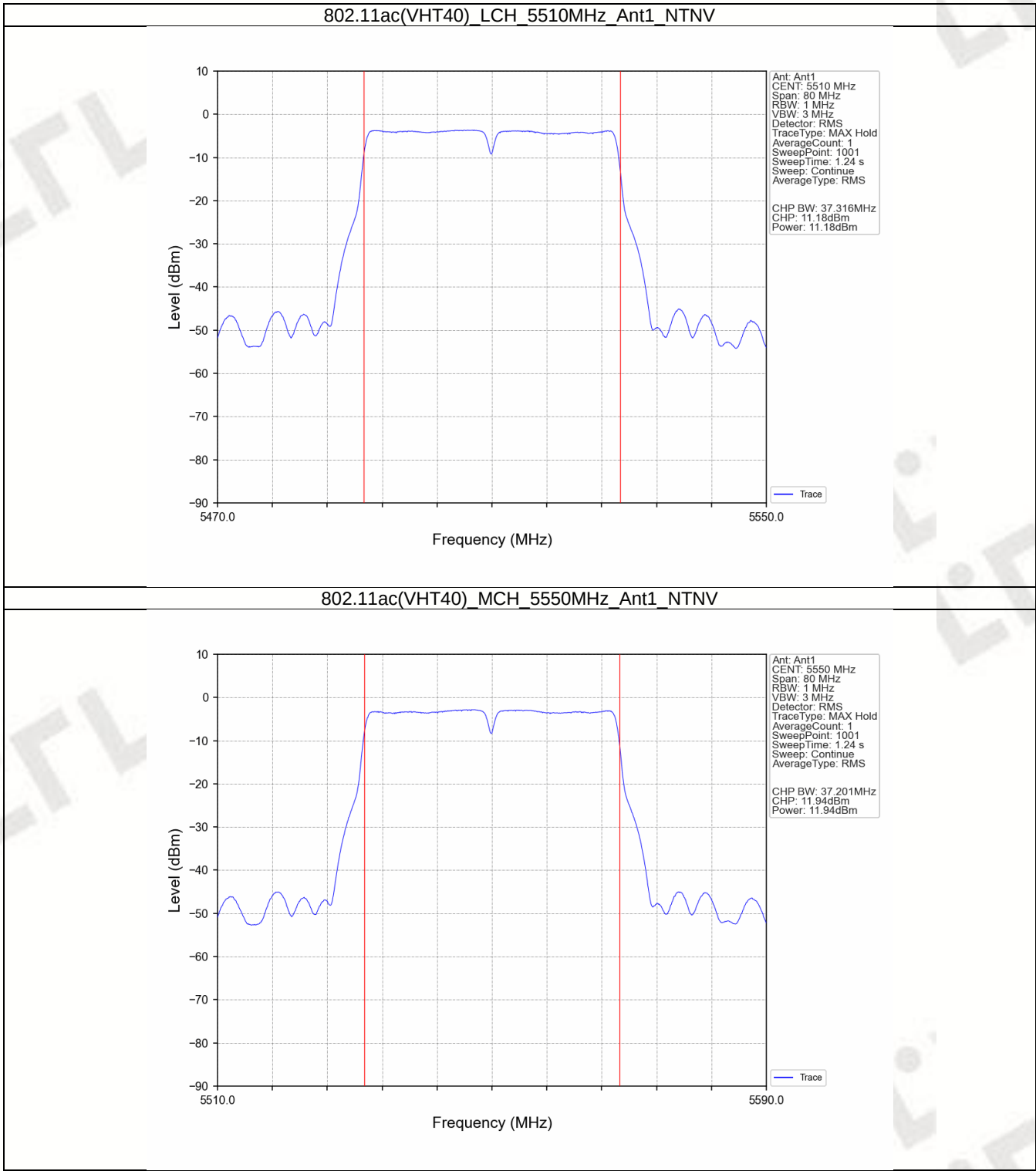
FCC ID: SMQ-UWM1



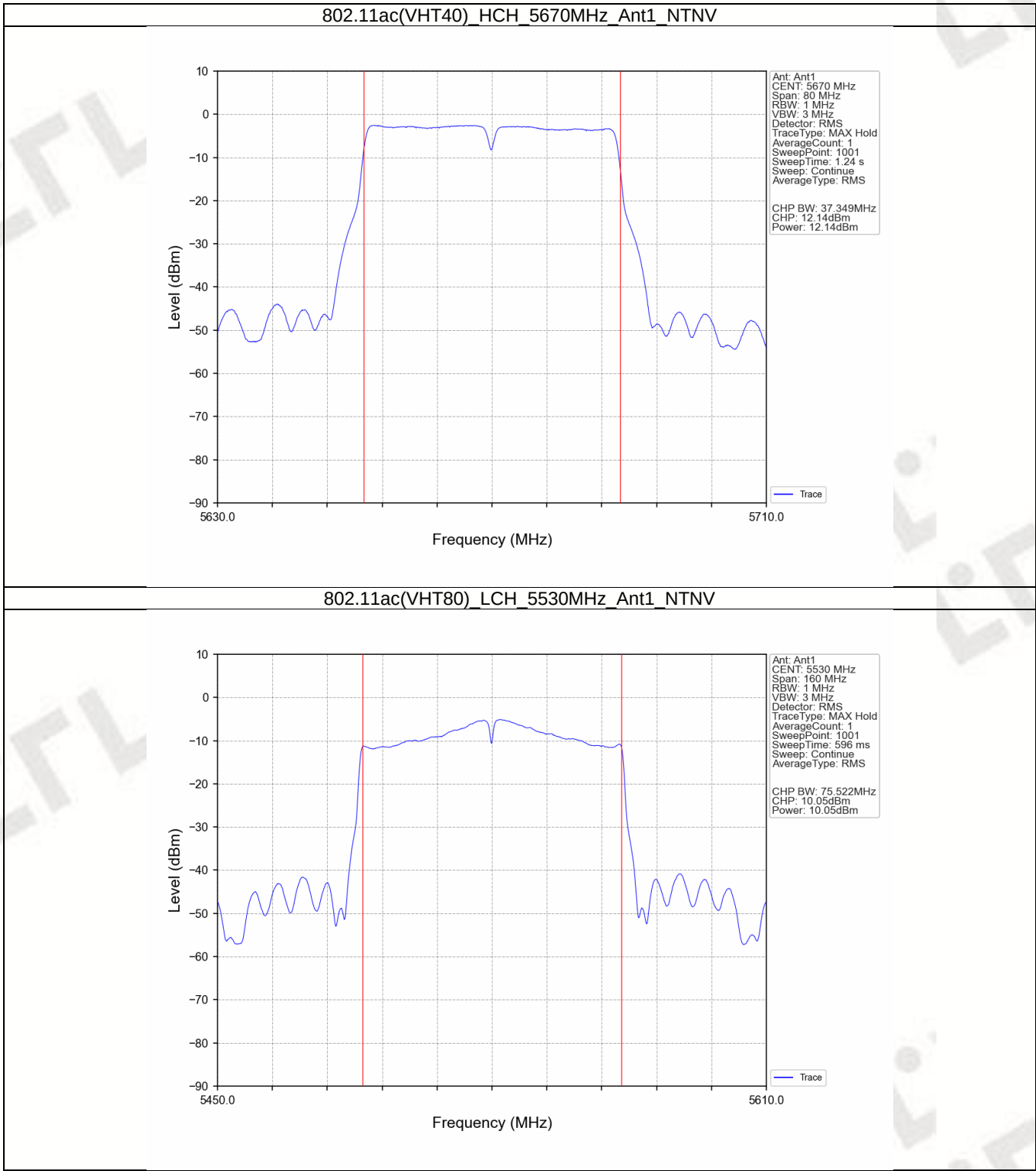
FCC ID: SMQ-UWM1



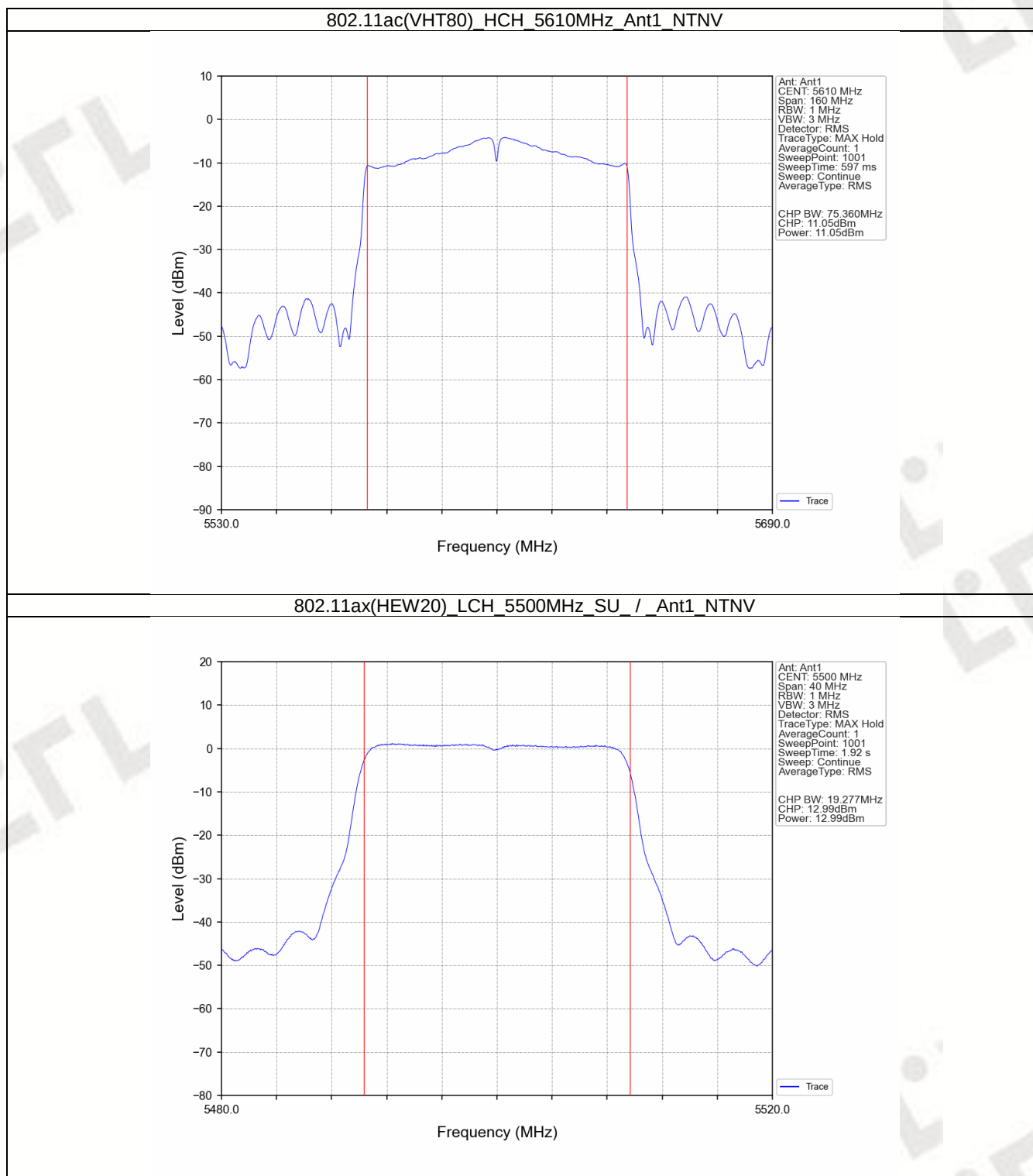
FCC ID: SMQ-UWM1



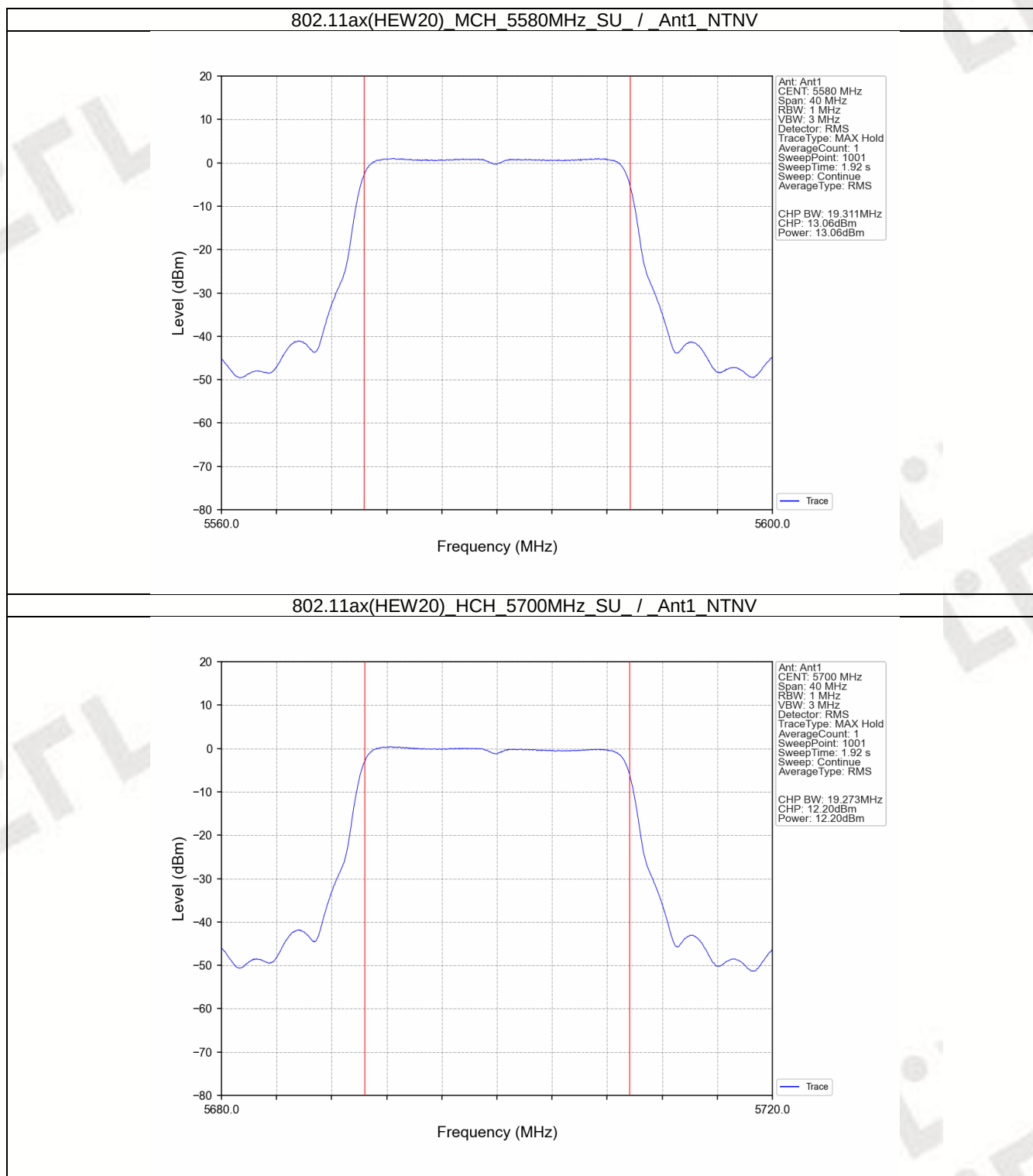
FCC ID: SMQ-UWM1



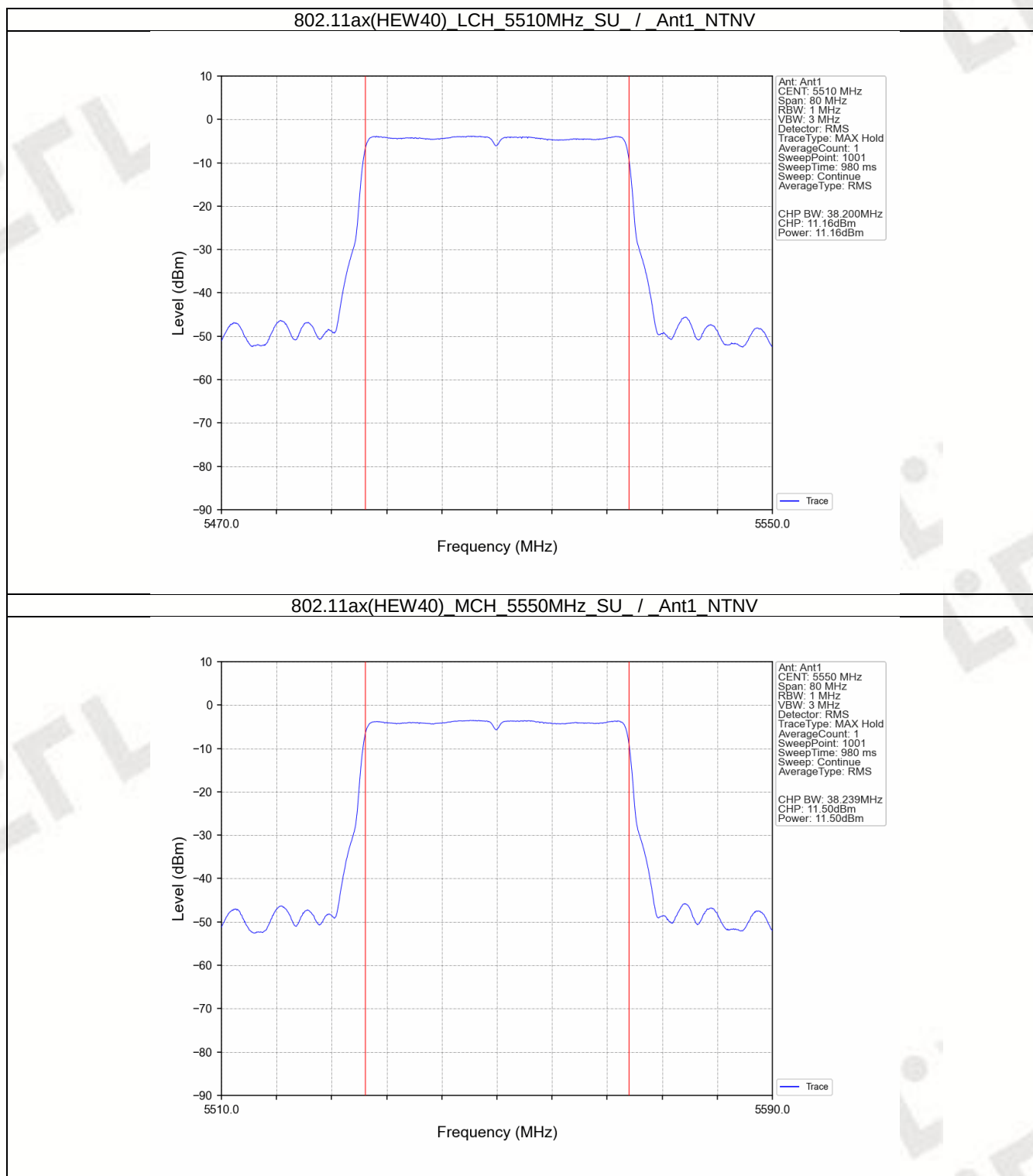
FCC ID: SMQ-UWM1



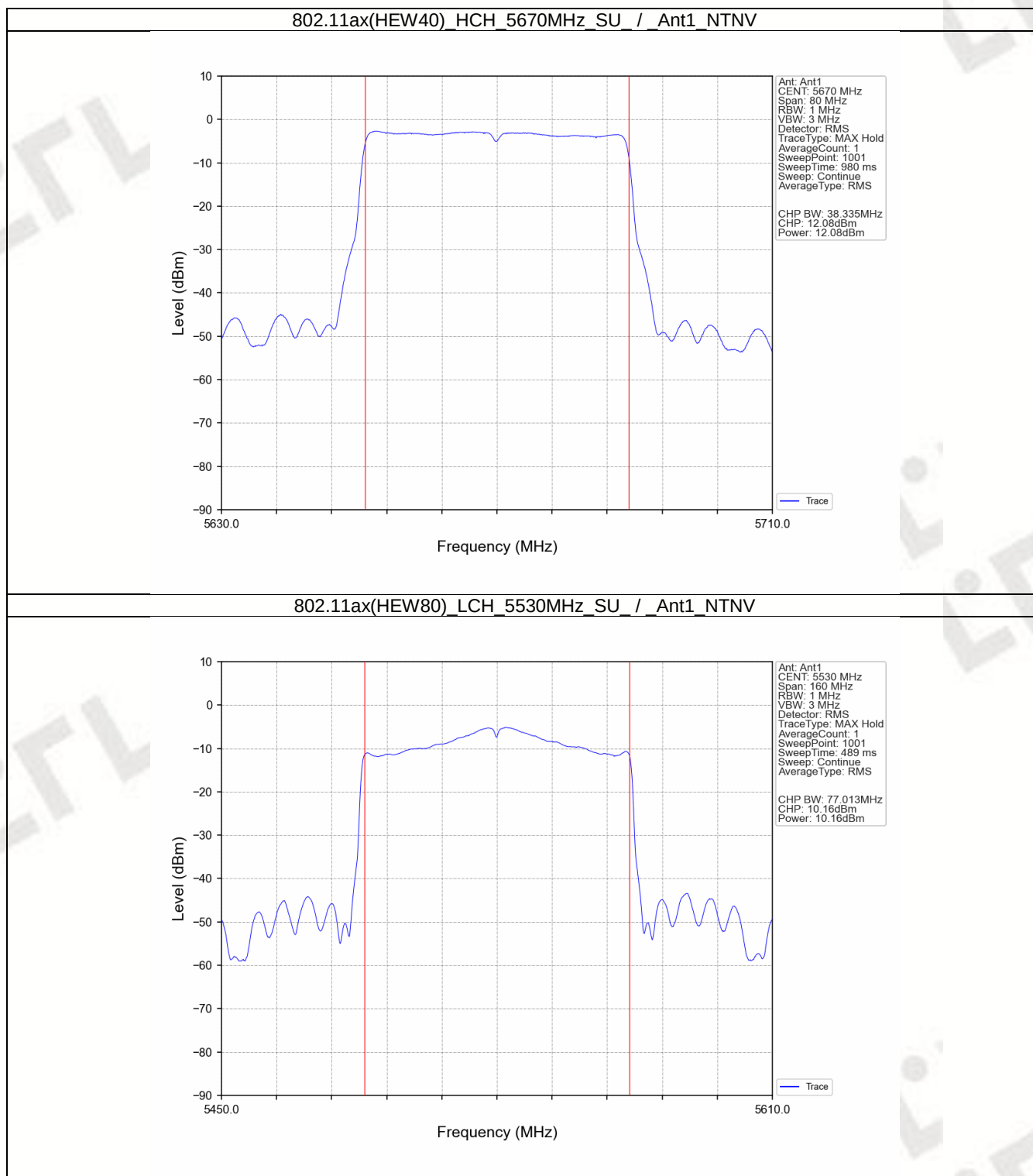
FCC ID: SMQ-UWM1



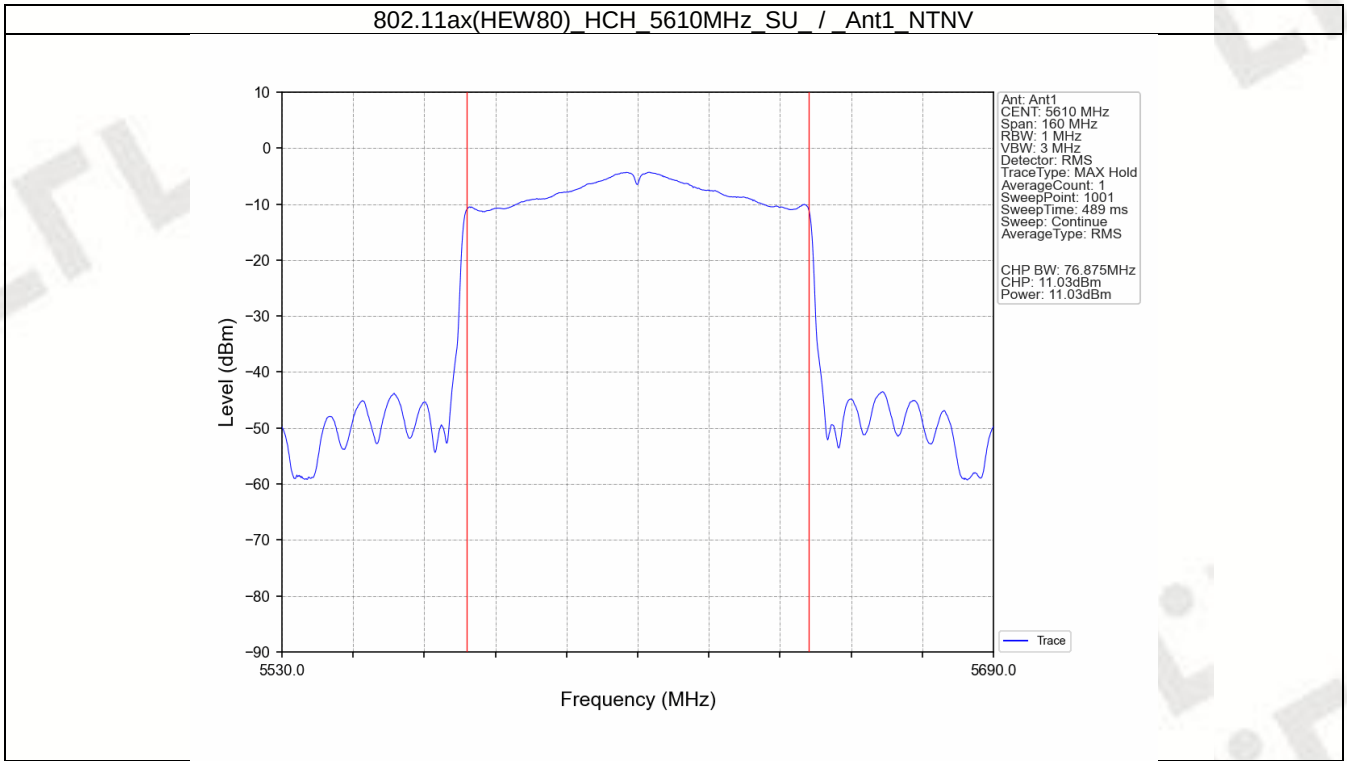
FCC ID: SMQ-UWM1



FCC ID: SMQ-UWM1



FCC ID: SMQ-UWM1



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

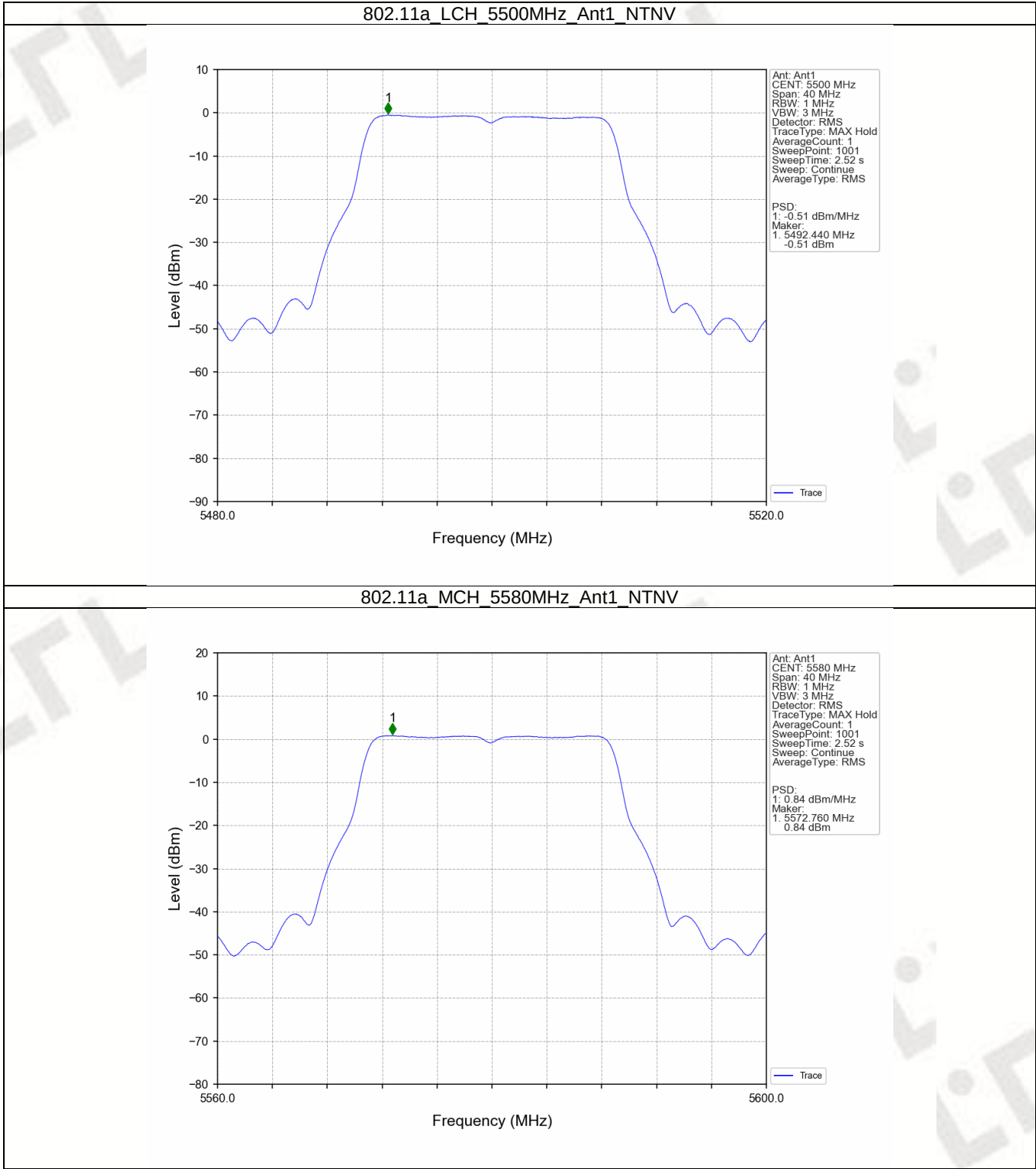
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5500	/	/	-0.51	<=11	Pass
		5580	/	/	0.84	<=11	Pass
		5700	/	/	0.54	<=11	Pass
802.11n (HT20)	SISO	5500	/	/	-0.53	<=11	Pass
		5580	/	/	0.84	<=11	Pass
		5700	/	/	0.25	<=11	Pass
802.11n (HT40)	SISO	5510	/	/	-3.62	<=11	Pass
		5550	/	/	-2.92	<=11	Pass
		5670	/	/	-2.65	<=11	Pass
802.11ac (VHT20)	SISO	5500	/	/	-0.43	<=11	Pass
		5580	/	/	0.89	<=11	Pass
		5700	/	/	0.32	<=11	Pass
802.11ac (VHT40)	SISO	5510	/	/	-3.65	<=11	Pass
		5550	/	/	-2.90	<=11	Pass
		5670	/	/	-2.63	<=11	Pass
802.11ac (VHT80)	SISO	5530	/	/	-5.10	<=11	Pass
		5610	/	/	-4.17	<=11	Pass
802.11ax (HEW20)	SISO	5500	SU	/	0.47	<=11	Pass
		5580	SU	/	0.74	<=11	Pass
		5700	SU	/	0.32	<=11	Pass
802.11ax (HEW40)	SISO	5510	SU	/	-3.95	<=11	Pass
		5550	SU	/	-3.54	<=11	Pass
		5670	SU	/	-2.78	<=11	Pass
802.11ax (HEW80)	SISO	5530	SU	/	-5.17	<=11	Pass
		5610	SU	/	-4.35	<=11	Pass

Note1: Antenna Gain: Ant1: 2.91dBi;

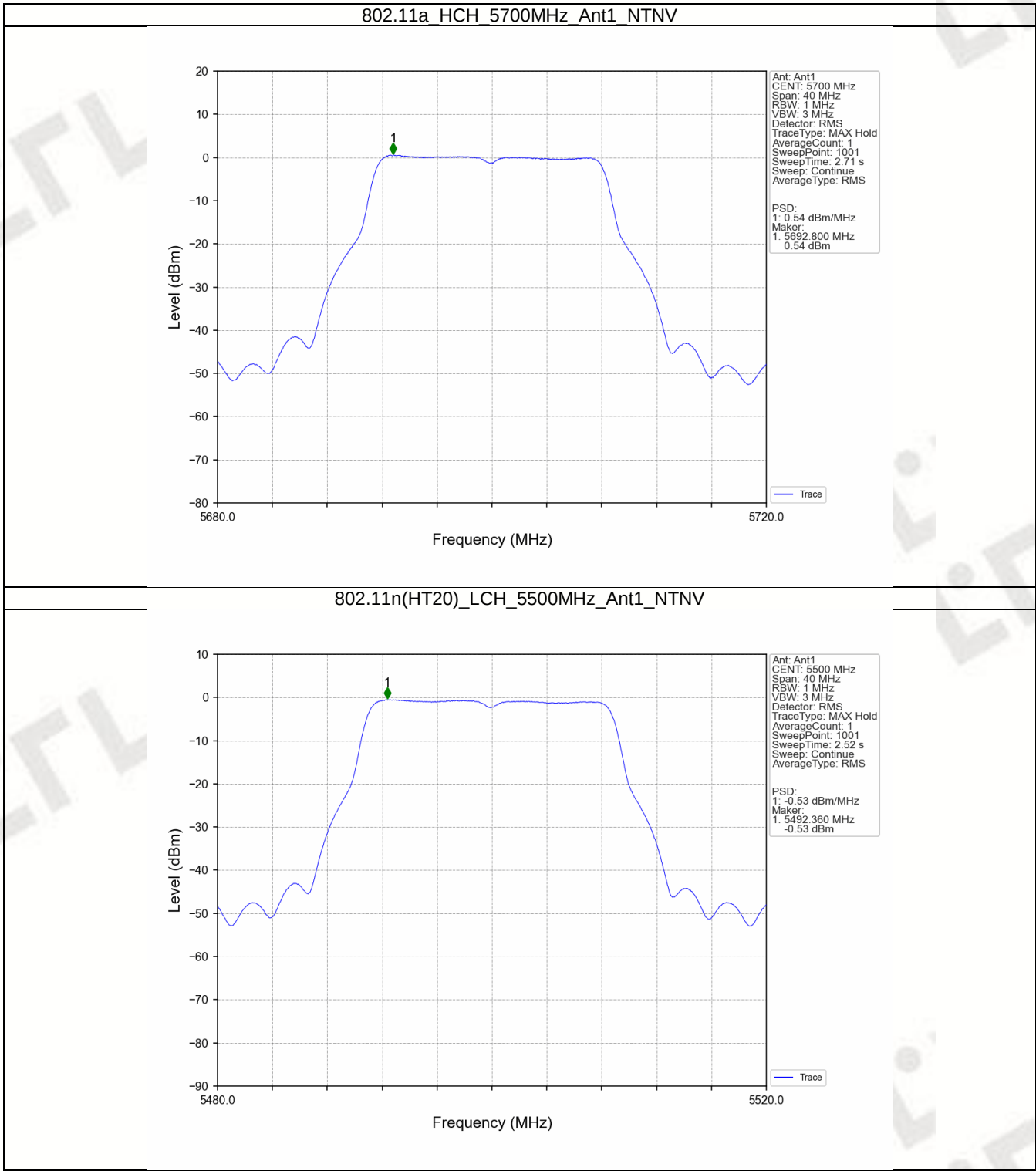
FCC ID: SMQ-UWM1

4.2 Test Graph

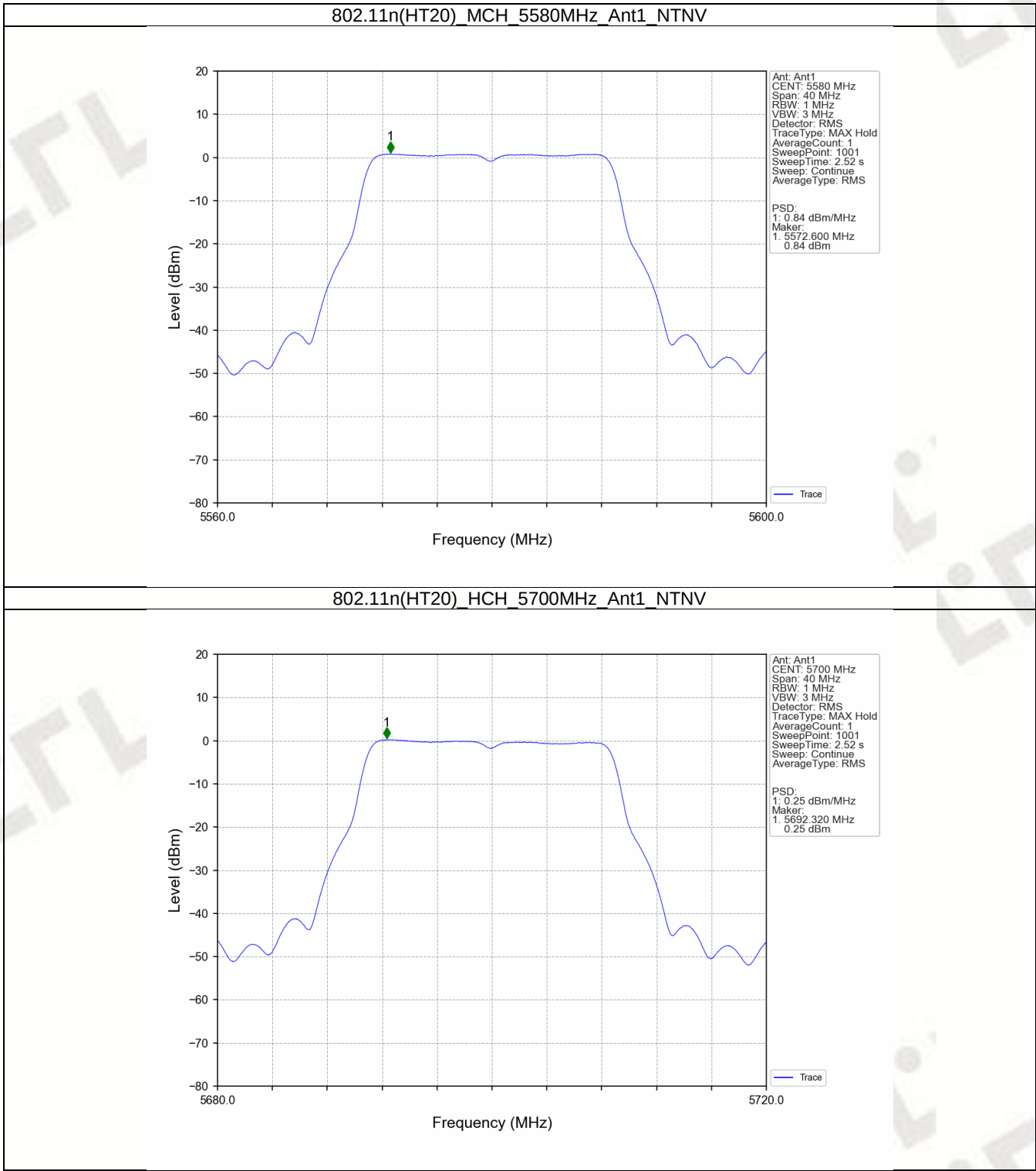
4.2.1 PSD



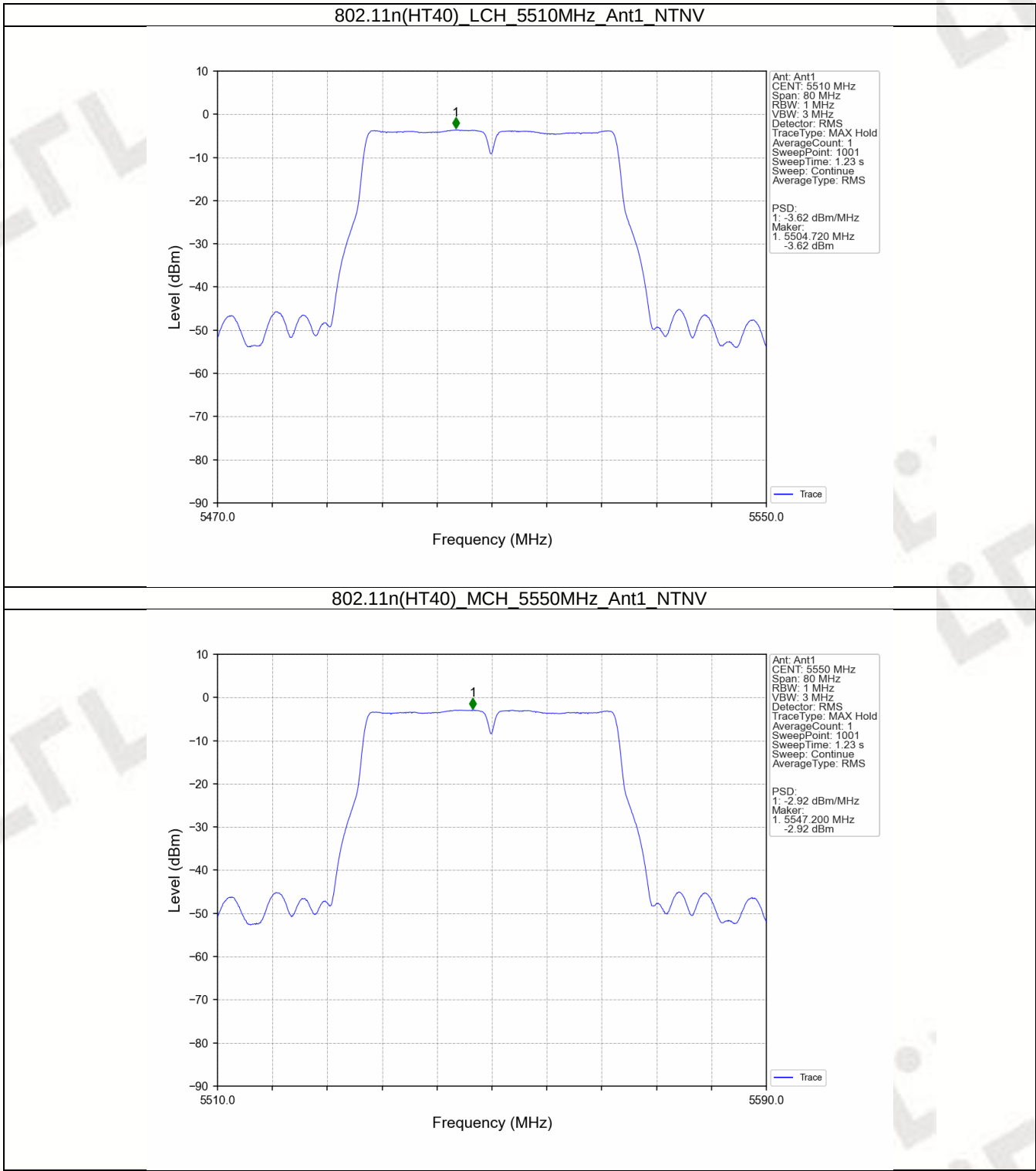
FCC ID: SMQ-UWM1



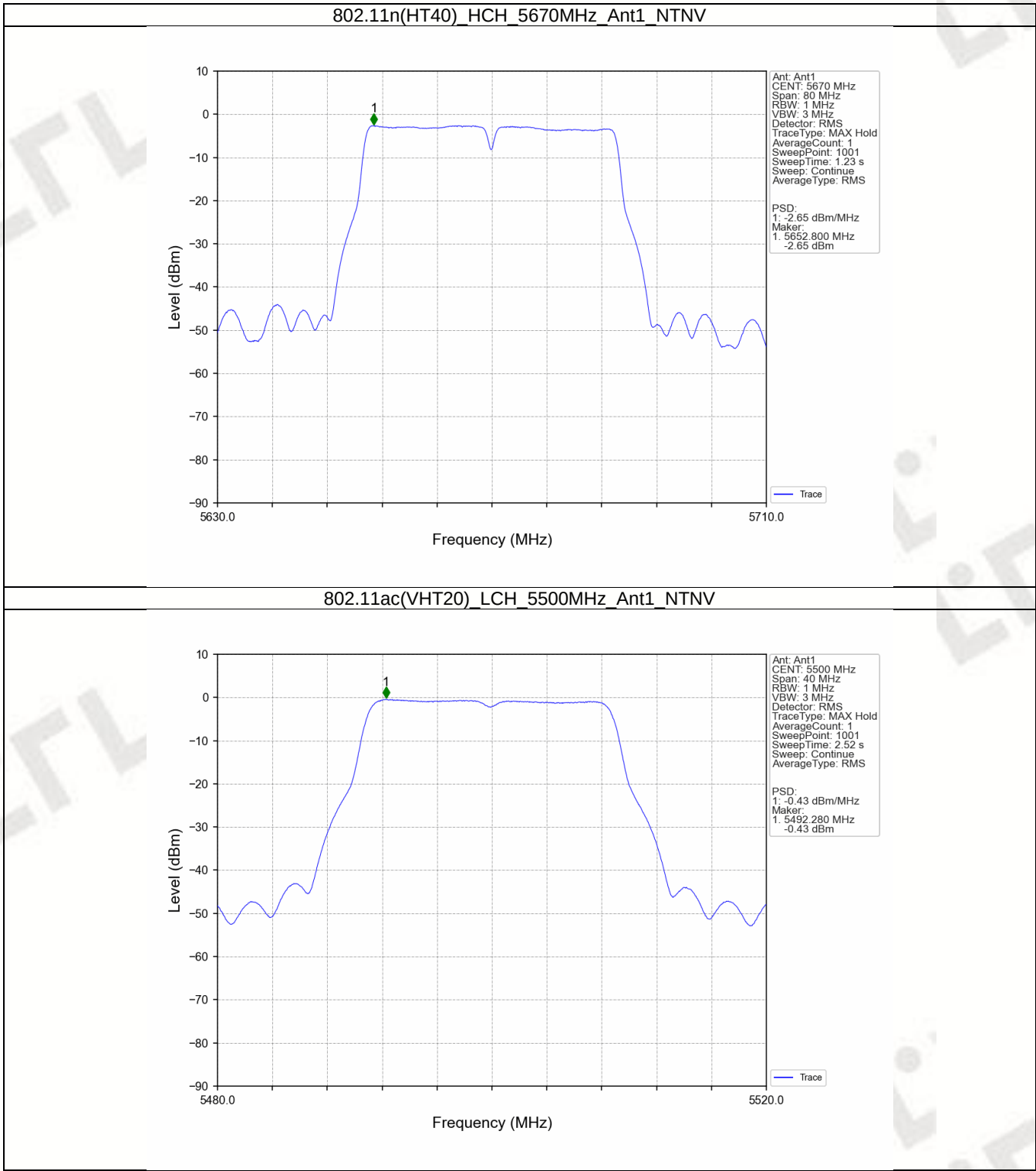
FCC ID: SMQ-UWM1



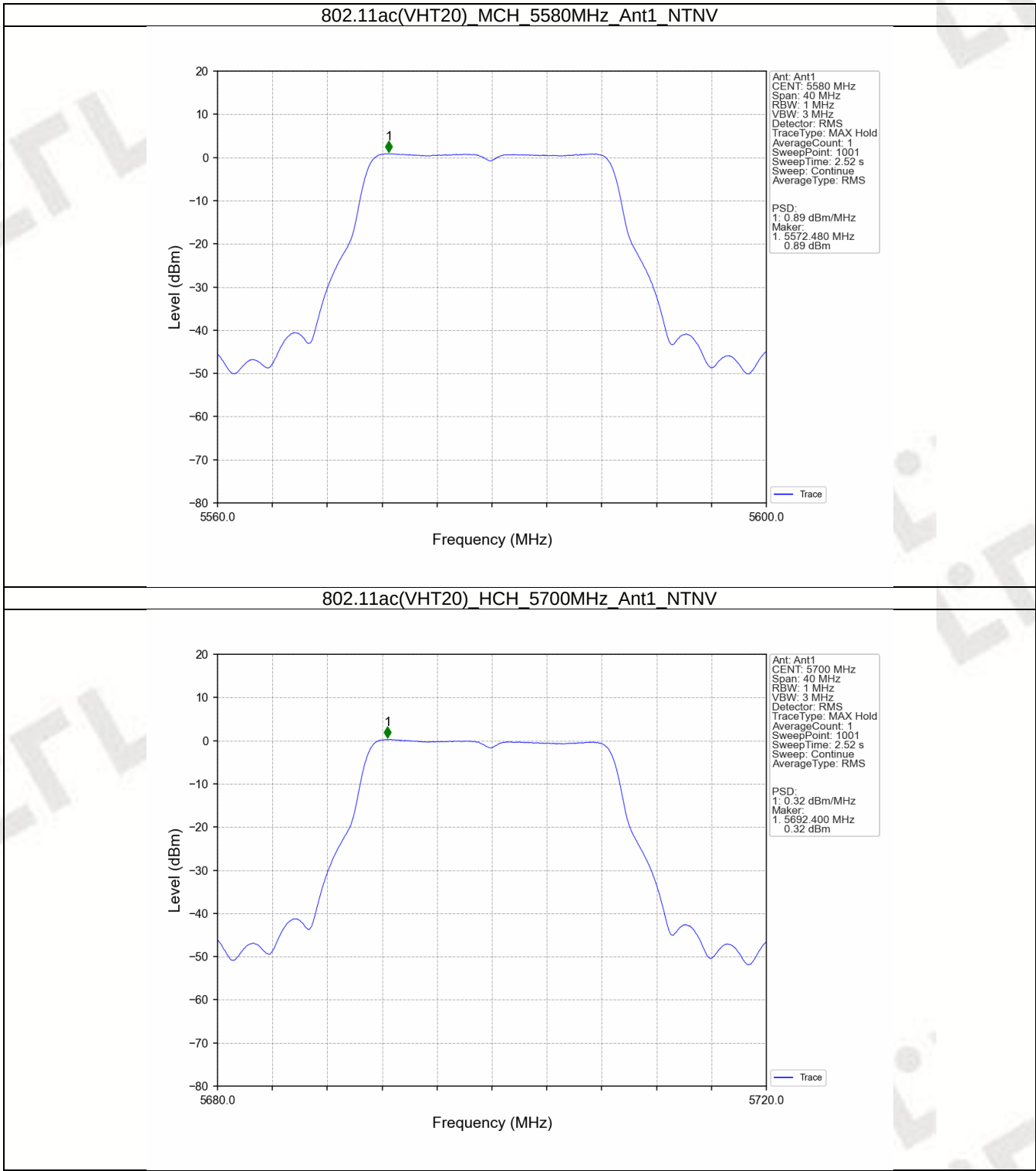
FCC ID: SMQ-UWM1



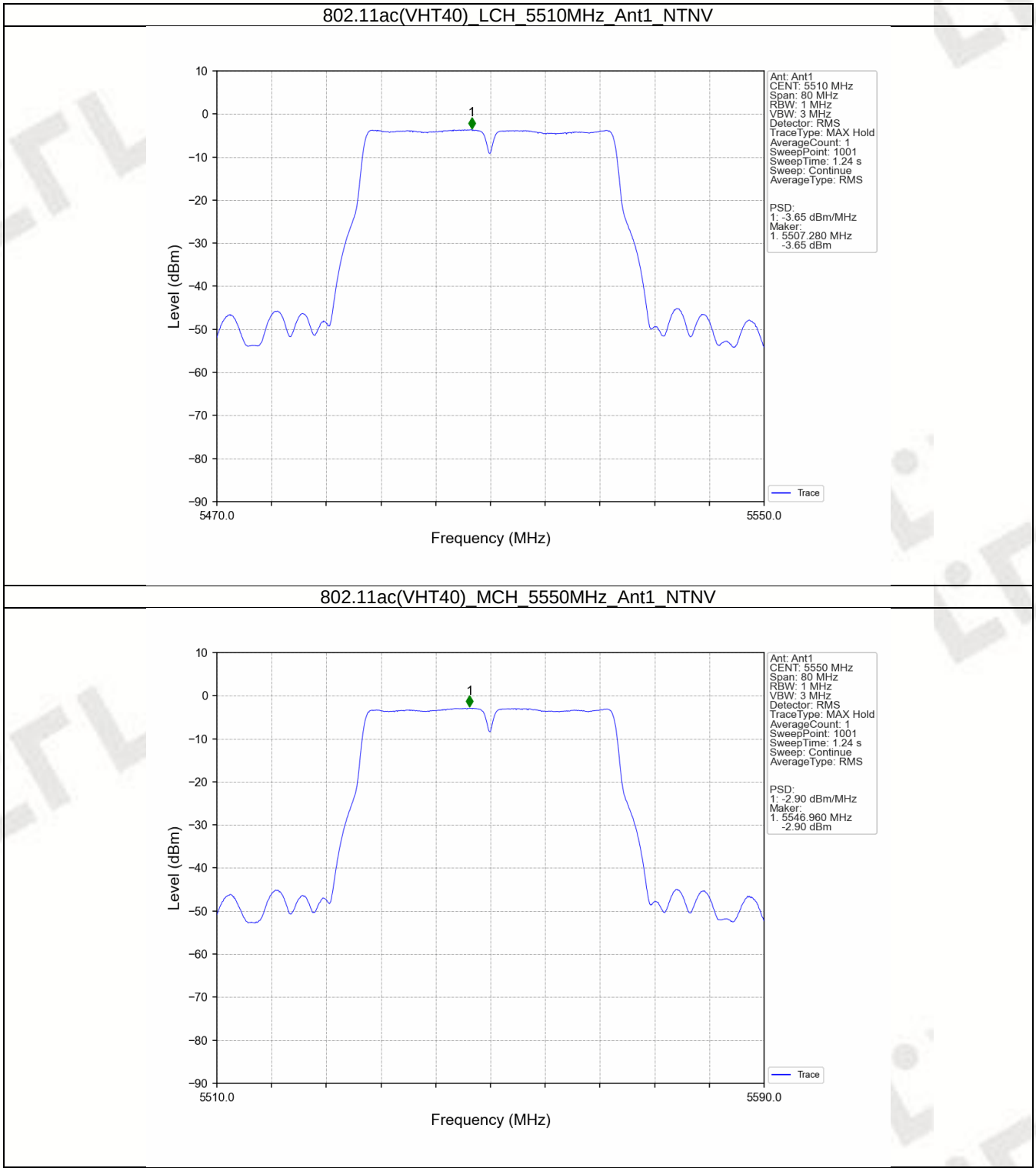
FCC ID: SMQ-UWM1



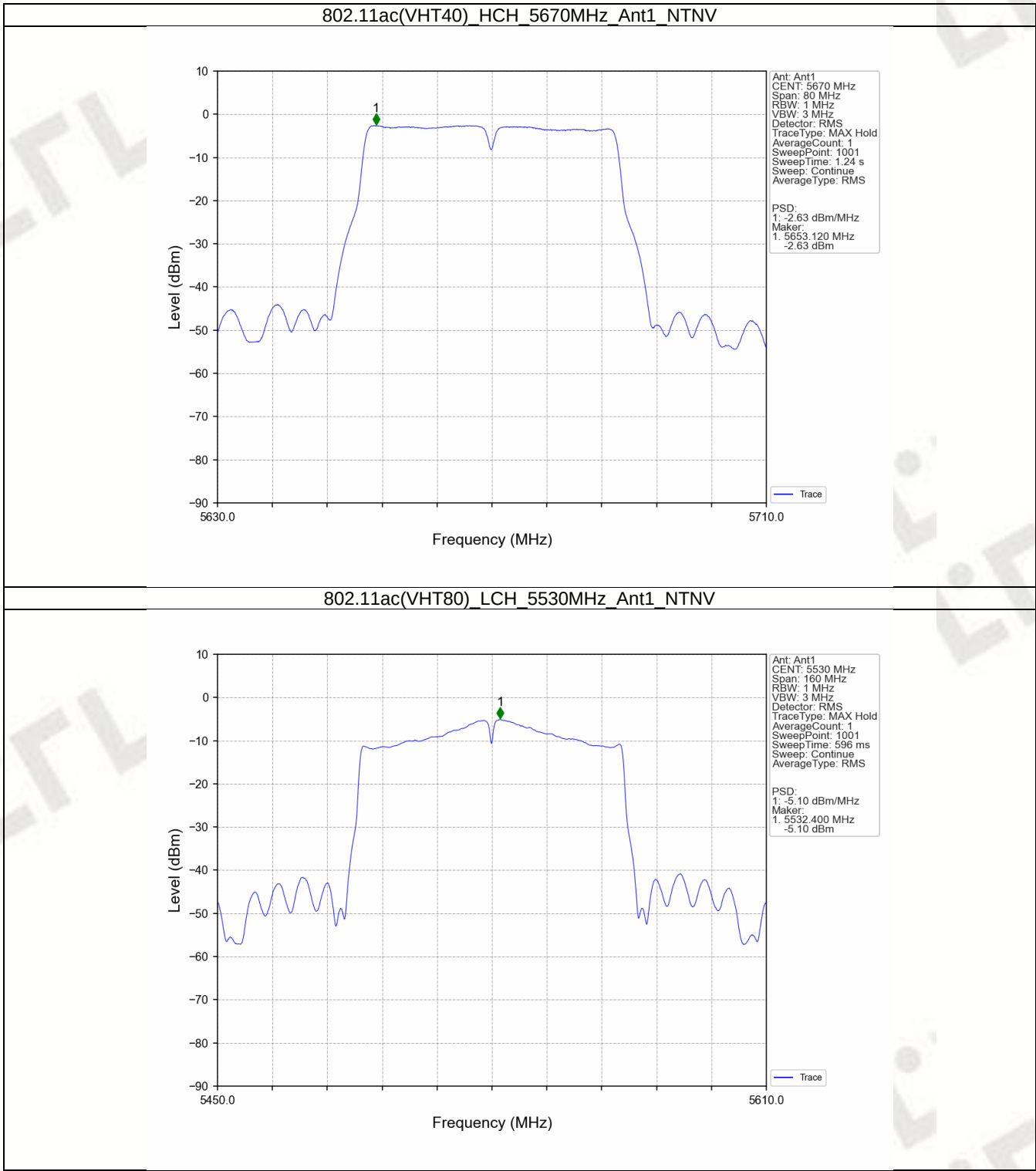
FCC ID: SMQ-UWM1



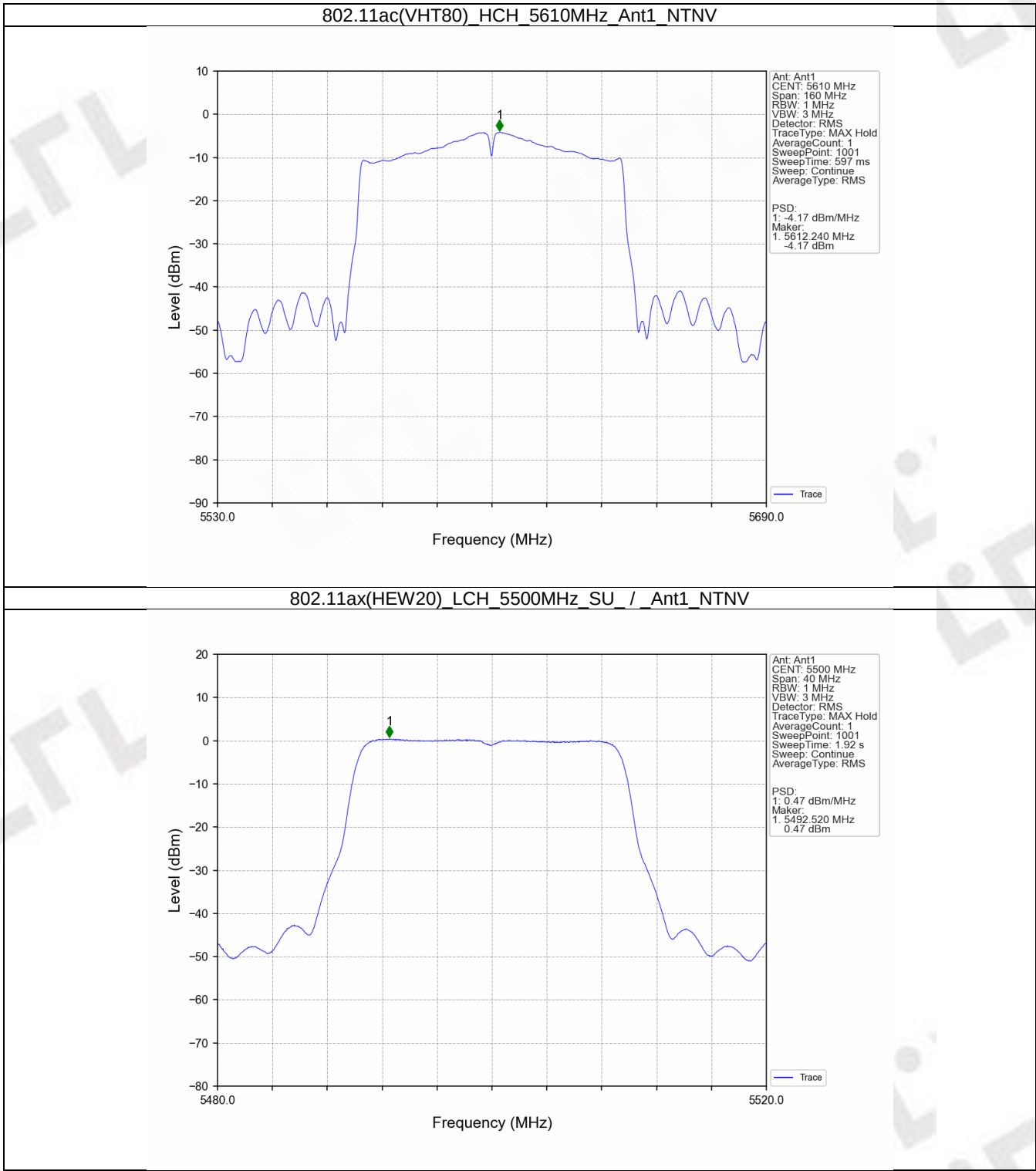
FCC ID: SMQ-UWM1



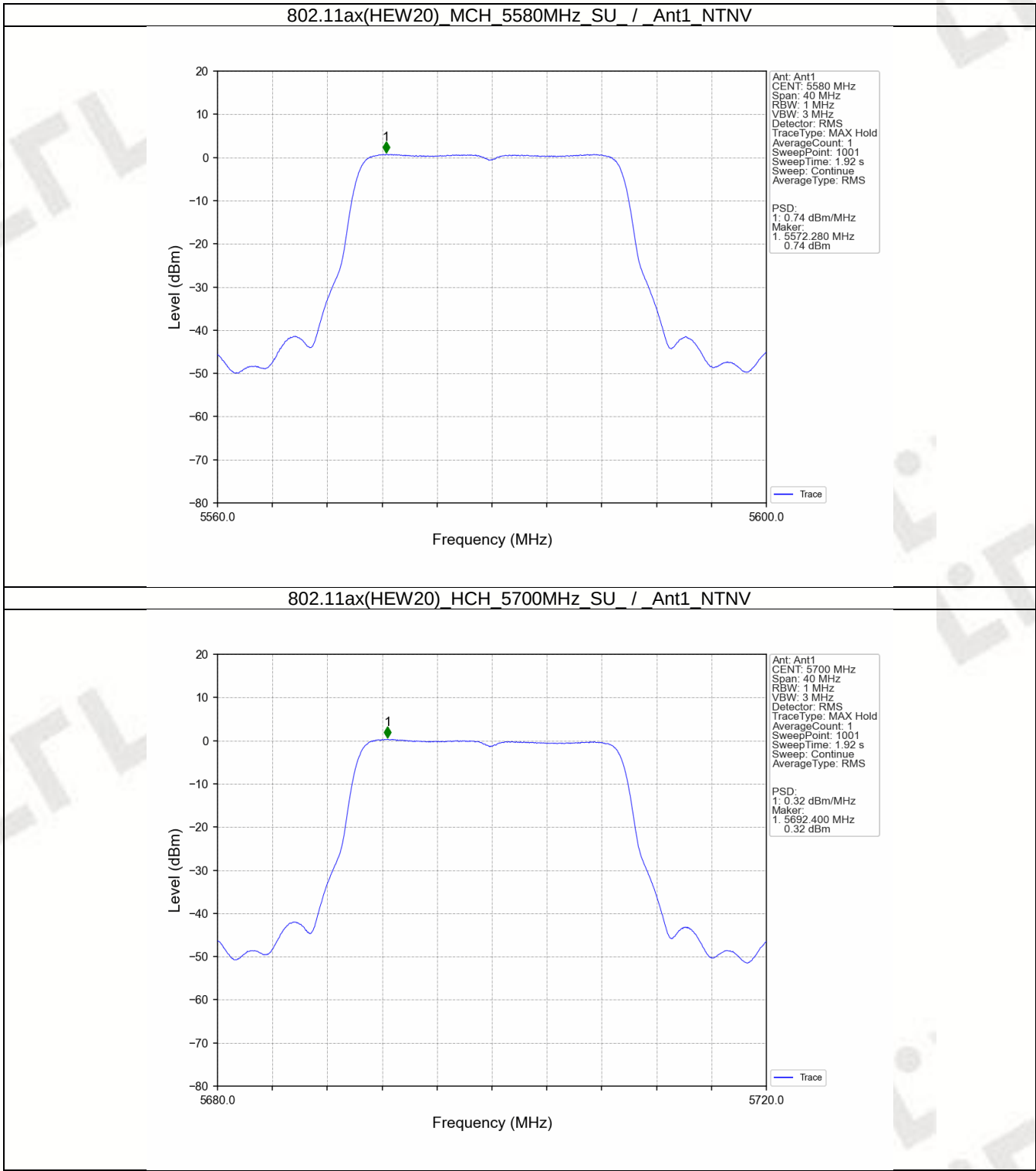
FCC ID: SMQ-UWM1



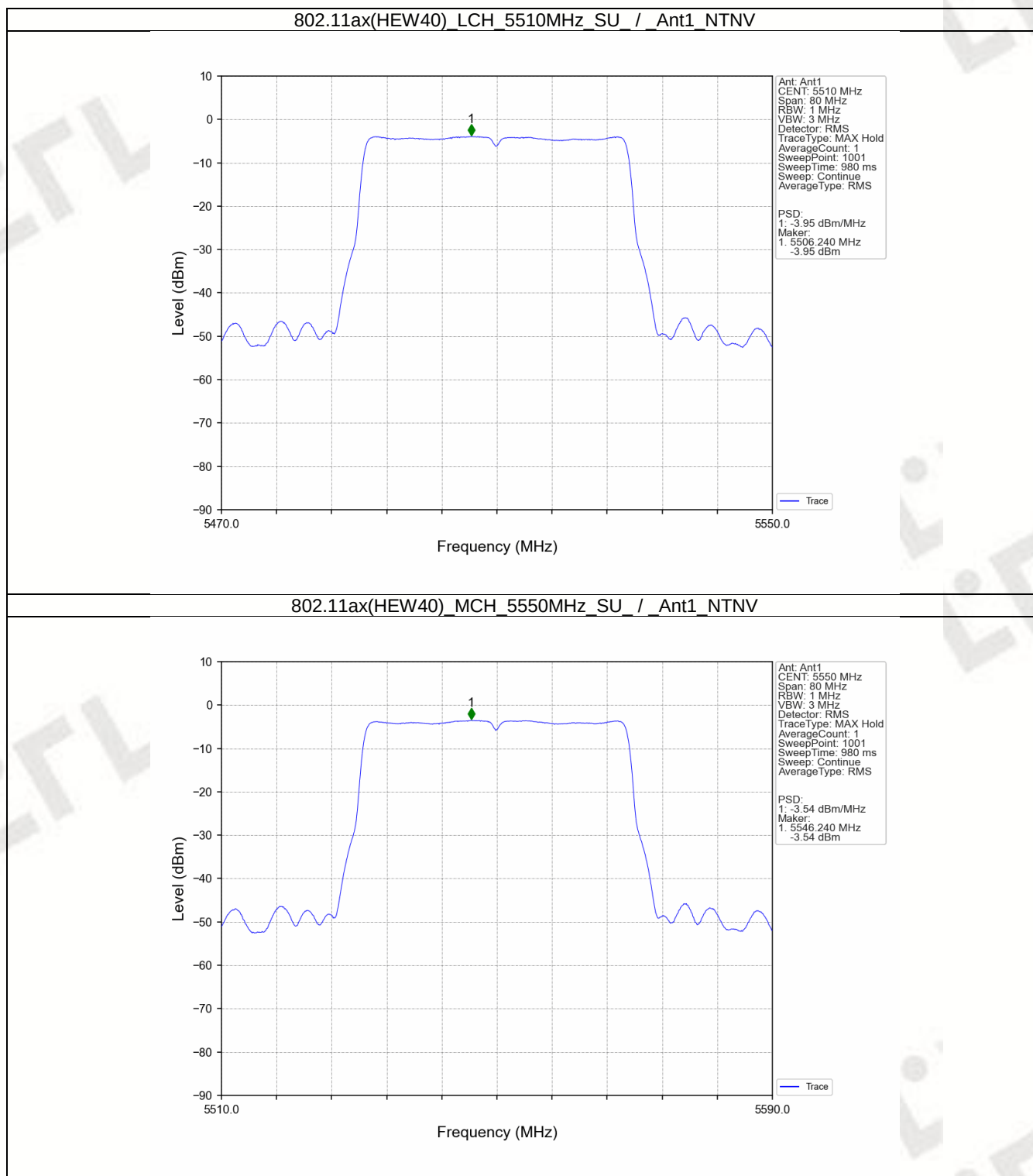
FCC ID: SMQ-UWM1



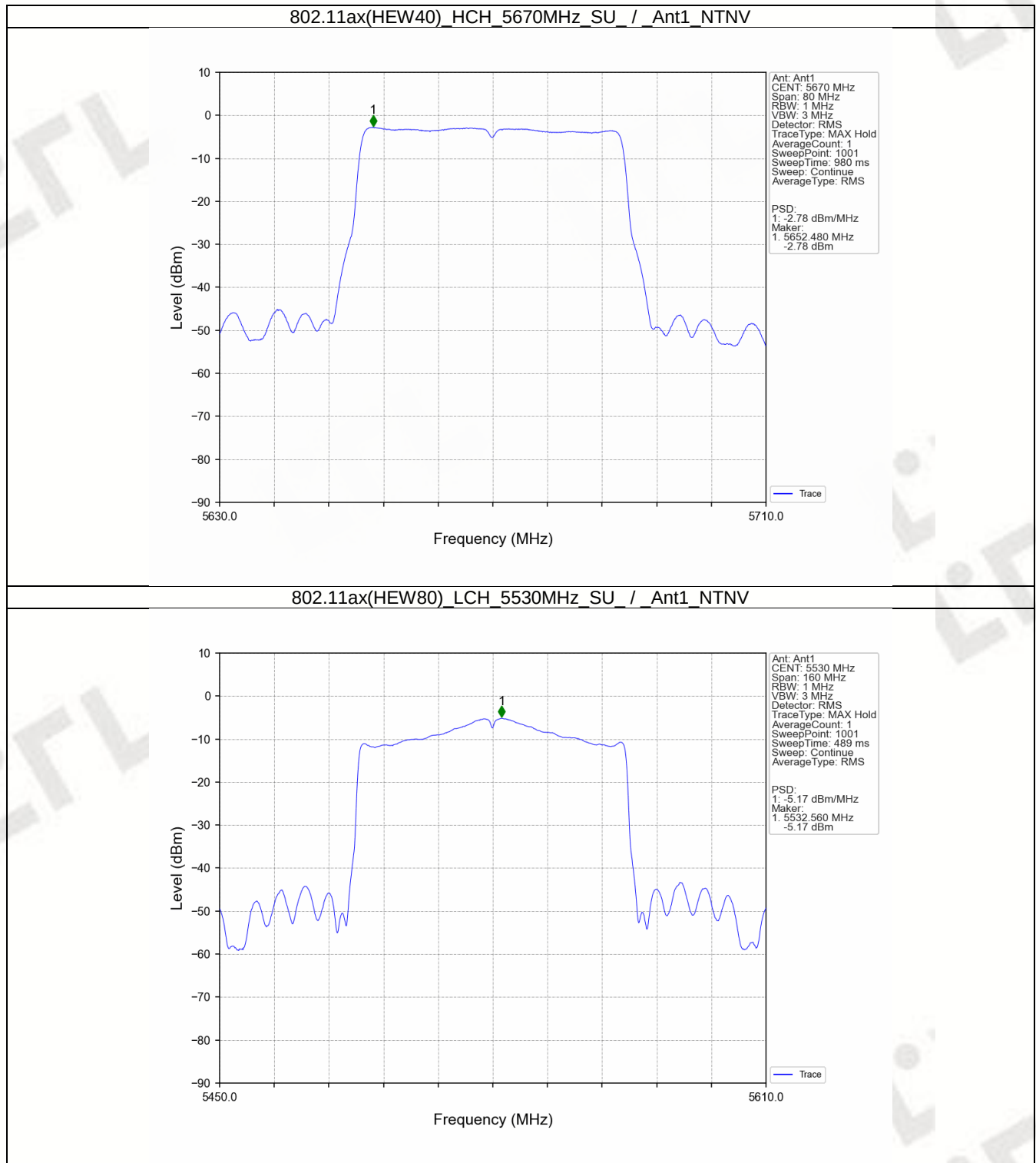
FCC ID: SMQ-UWM1



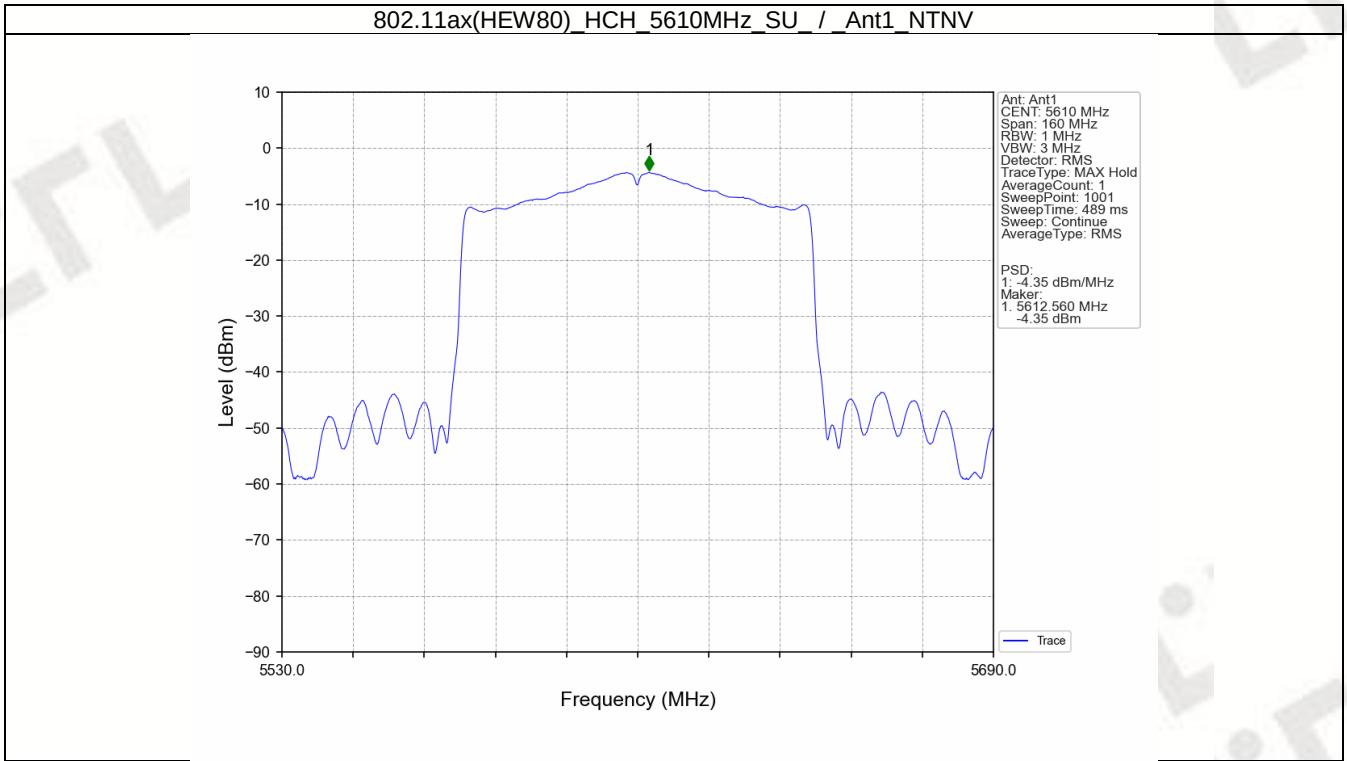
FCC ID: SMQ-UWM1



FCC ID: SMQ-UWM1



FCC ID: SMQ-UWM1



FCC ID: SMQ-UWM1

5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

Ant1							
Mode	Tx Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5500	20	2.805	5499.894	5470 to 5725	Pass
				3.300	5499.894	5470 to 5725	Pass
				3.795	5499.894	5470 to 5725	Pass
			-30	3.300	5499.894	5470 to 5725	Pass
			-20	3.300	5499.894	5470 to 5725	Pass
			-10	3.300	5499.894	5470 to 5725	Pass
			0	3.300	5499.894	5470 to 5725	Pass
			10	3.300	5499.894	5470 to 5725	Pass
			30	3.300	5499.894	5470 to 5725	Pass
			40	3.300	5499.894	5470 to 5725	Pass
			50	3.300	5499.894	5470 to 5725	Pass
		5580	20	2.805	5579.892	5470 to 5725	Pass
				3.300	5579.892	5470 to 5725	Pass
				3.795	5579.892	5470 to 5725	Pass
			-30	3.300	5579.893	5470 to 5725	Pass
			-20	3.300	5579.893	5470 to 5725	Pass
			-10	3.300	5579.893	5470 to 5725	Pass
			0	3.300	5579.893	5470 to 5725	Pass
			10	3.300	5579.893	5470 to 5725	Pass
			30	3.300	5579.893	5470 to 5725	Pass
			40	3.300	5579.893	5470 to 5725	Pass
			50	3.300	5579.893	5470 to 5725	Pass
		5700	20	2.805	5699.891	5470 to 5725	Pass
				3.300	5699.891	5470 to 5725	Pass
				3.795	5699.891	5470 to 5725	Pass
			-30	3.300	5699.891	5470 to 5725	Pass
			-20	3.300	5699.891	5470 to 5725	Pass
			-10	3.300	5699.891	5470 to 5725	Pass
			0	3.300	5699.891	5470 to 5725	Pass
			10	3.300	5699.891	5470 to 5725	Pass
			30	3.300	5699.891	5470 to 5725	Pass
			40	3.300	5699.891	5470 to 5725	Pass
			50	3.300	5699.891	5470 to 5725	Pass
		5510	20	2.805	5509.895	5470 to 5725	Pass
				3.300	5509.895	5470 to 5725	Pass
				3.795	5509.895	5470 to 5725	Pass
			-30	3.300	5509.895	5470 to 5725	Pass
			-20	3.300	5509.895	5470 to 5725	Pass
			-10	3.300	5509.895	5470 to 5725	Pass
			0	3.300	5509.895	5470 to 5725	Pass
			10	3.300	5509.895	5470 to 5725	Pass
			30	3.300	5509.895	5470 to 5725	Pass
			40	3.300	5509.895	5470 to 5725	Pass
			50	3.300	5509.895	5470 to 5725	Pass
		5550	20	2.805	5549.894	5470 to 5725	Pass
				3.300	5549.894	5470 to 5725	Pass
				3.795	5549.894	5470 to 5725	Pass

FCC ID: SMQ-UWM1

			-30	3.300	5549.894	5470 to 5725	Pass
			-20	3.300	5549.894	5470 to 5725	Pass
			-10	3.300	5549.894	5470 to 5725	Pass
			0	3.300	5549.895	5470 to 5725	Pass
			10	3.300	5549.895	5470 to 5725	Pass
			30	3.300	5549.895	5470 to 5725	Pass
			40	3.300	5549.894	5470 to 5725	Pass
			50	3.300	5549.895	5470 to 5725	Pass
		5670	20	2.805	5669.892	5470 to 5725	Pass
				3.300	5669.892	5470 to 5725	Pass
				3.795	5669.892	5470 to 5725	Pass
			-30	3.300	5669.892	5470 to 5725	Pass
			-20	3.300	5669.892	5470 to 5725	Pass
			-10	3.300	5669.892	5470 to 5725	Pass
			0	3.300	5669.892	5470 to 5725	Pass
			10	3.300	5669.892	5470 to 5725	Pass
			30	3.300	5669.892	5470 to 5725	Pass
			40	3.300	5669.892	5470 to 5725	Pass
			50	3.300	5669.892	5470 to 5725	Pass
		5530	20	2.805	5529.895	5470 to 5725	Pass
				3.300	5529.895	5470 to 5725	Pass
				3.795	5529.895	5470 to 5725	Pass
			-30	3.300	5529.895	5470 to 5725	Pass
			-20	3.300	5529.895	5470 to 5725	Pass
			-10	3.300	5529.895	5470 to 5725	Pass
			0	3.300	5529.895	5470 to 5725	Pass
			10	3.300	5529.895	5470 to 5725	Pass
			30	3.300	5529.895	5470 to 5725	Pass
			40	3.300	5529.895	5470 to 5725	Pass
			50	3.300	5529.895	5470 to 5725	Pass
		5610	20	2.805	5609.893	5470 to 5725	Pass
				3.300	5609.893	5470 to 5725	Pass
				3.795	5609.893	5470 to 5725	Pass
			-30	3.300	5609.893	5470 to 5725	Pass
			-20	3.300	5609.893	5470 to 5725	Pass
			-10	3.300	5609.893	5470 to 5725	Pass
			0	3.300	5609.893	5470 to 5725	Pass
			10	3.300	5609.893	5470 to 5725	Pass
			30	3.300	5609.893	5470 to 5725	Pass
			40	3.300	5609.893	5470 to 5725	Pass
			50	3.300	5609.893	5470 to 5725	Pass