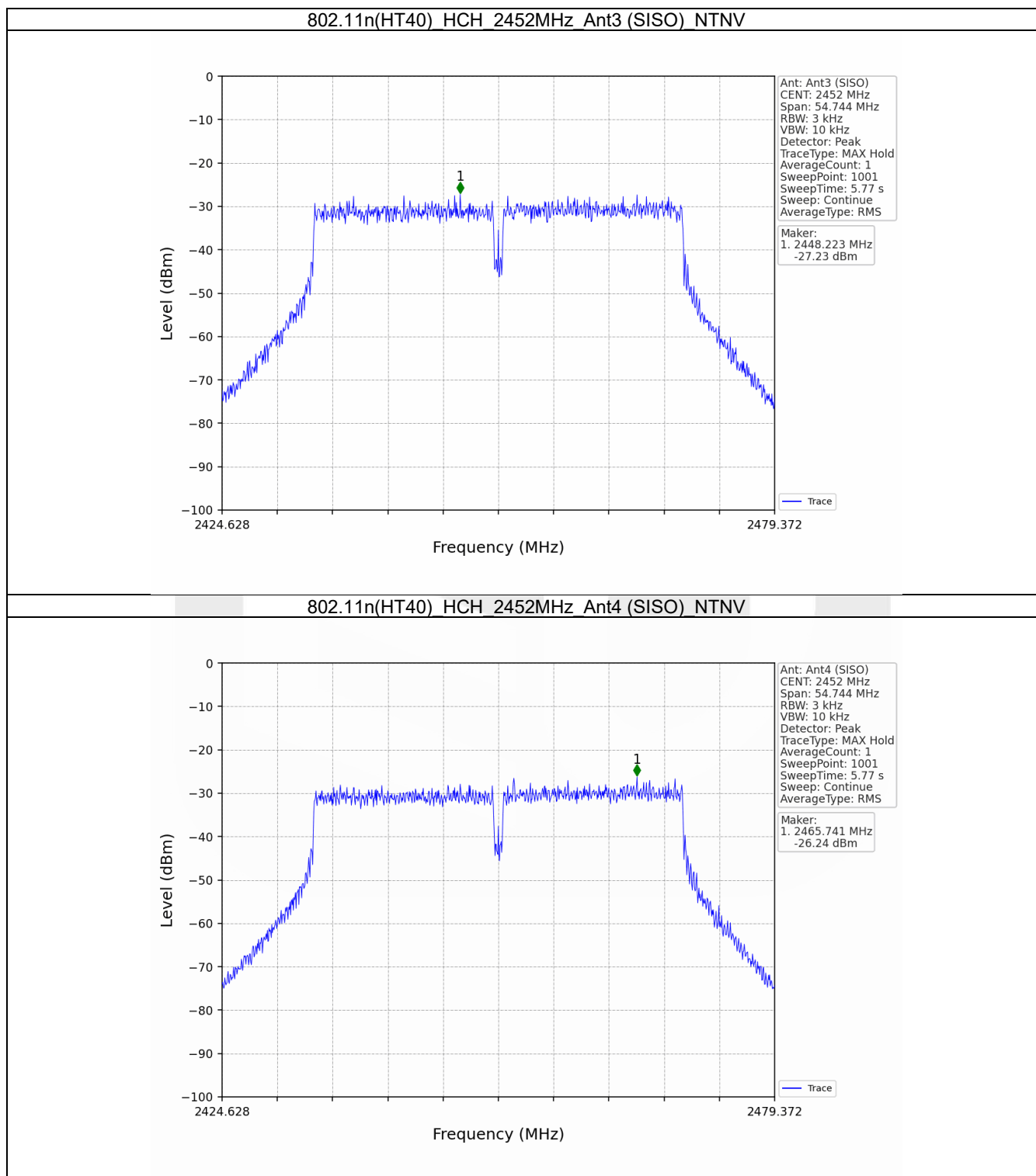




4.3 PSD (WiFi Module 1 + WiFi Module 2)

4.3.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)				Verdict
			Module 1	Module 2	MIMO	Limit	
802.11g	MIMO	2412	-17.01	-18.79	-14.80	<=8	Pass
		2437	-16.95	-19.20	-14.92	<=8	Pass
		2462	-17.87	-19.96	-15.78	<=8	Pass
802.11n (HT20)	MIMO	2412	-19.99	-15.10	-13.88	<=8	Pass
		2437	-20.11	-19.52	-16.79	<=8	Pass
		2462	-19.65	-19.24	-16.43	<=8	Pass
802.11n (HT40)	MIMO	2422	-23.70	-23.79	-20.73	<=8	Pass
		2437	-23.81	-24.06	-20.92	<=8	Pass
		2452	-23.67	-23.70	-20.67	<=8	Pass

Note1: Antenna Gain: WiFi Module 1: 2.97dBi; WiFi Module 2: 2.50dBi;

Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain=2.74dBi)

5. Unwanted Emissions In Non-restricted Frequency Bands

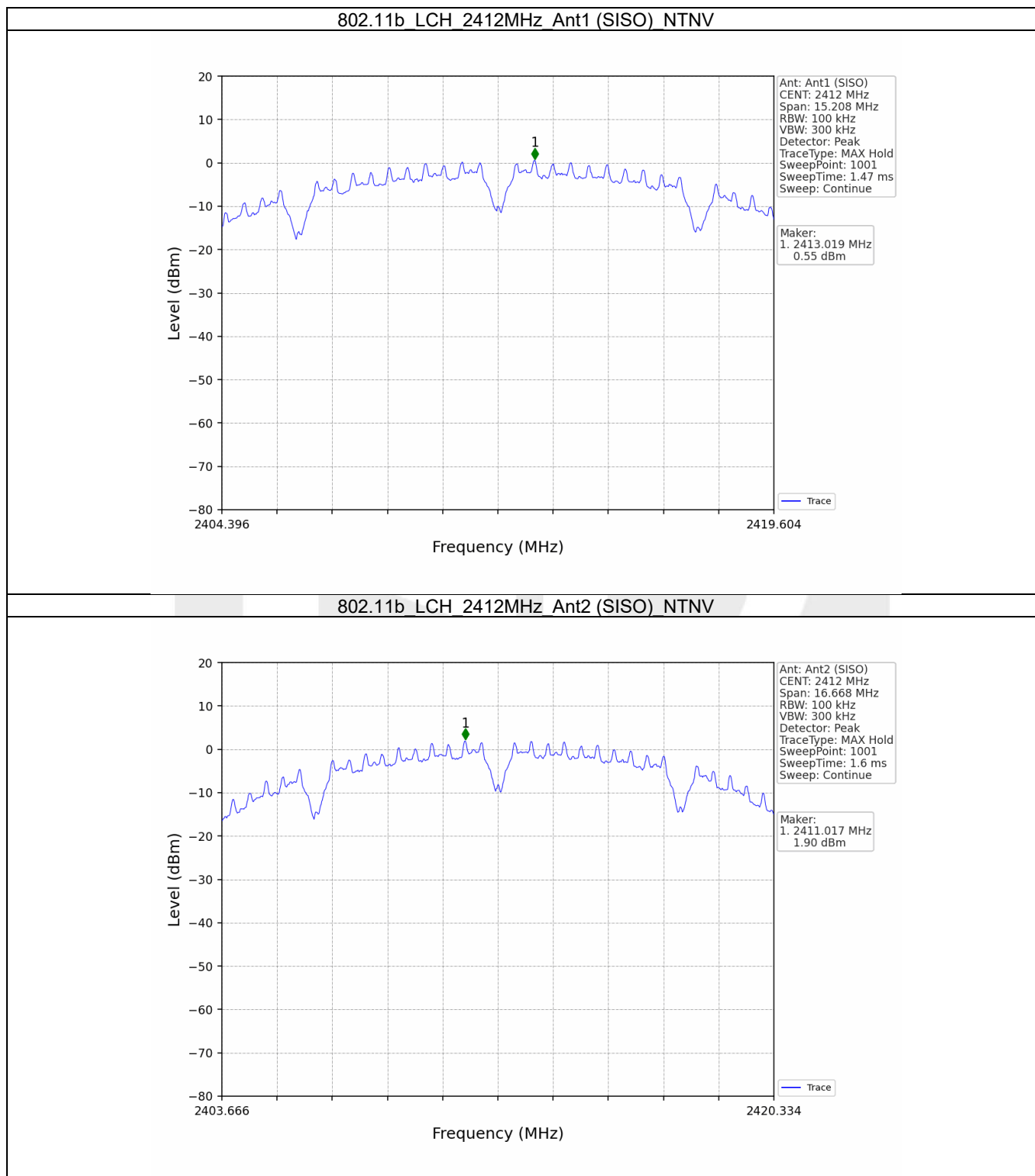
5.1.1 Ref (WiFi Module 1)

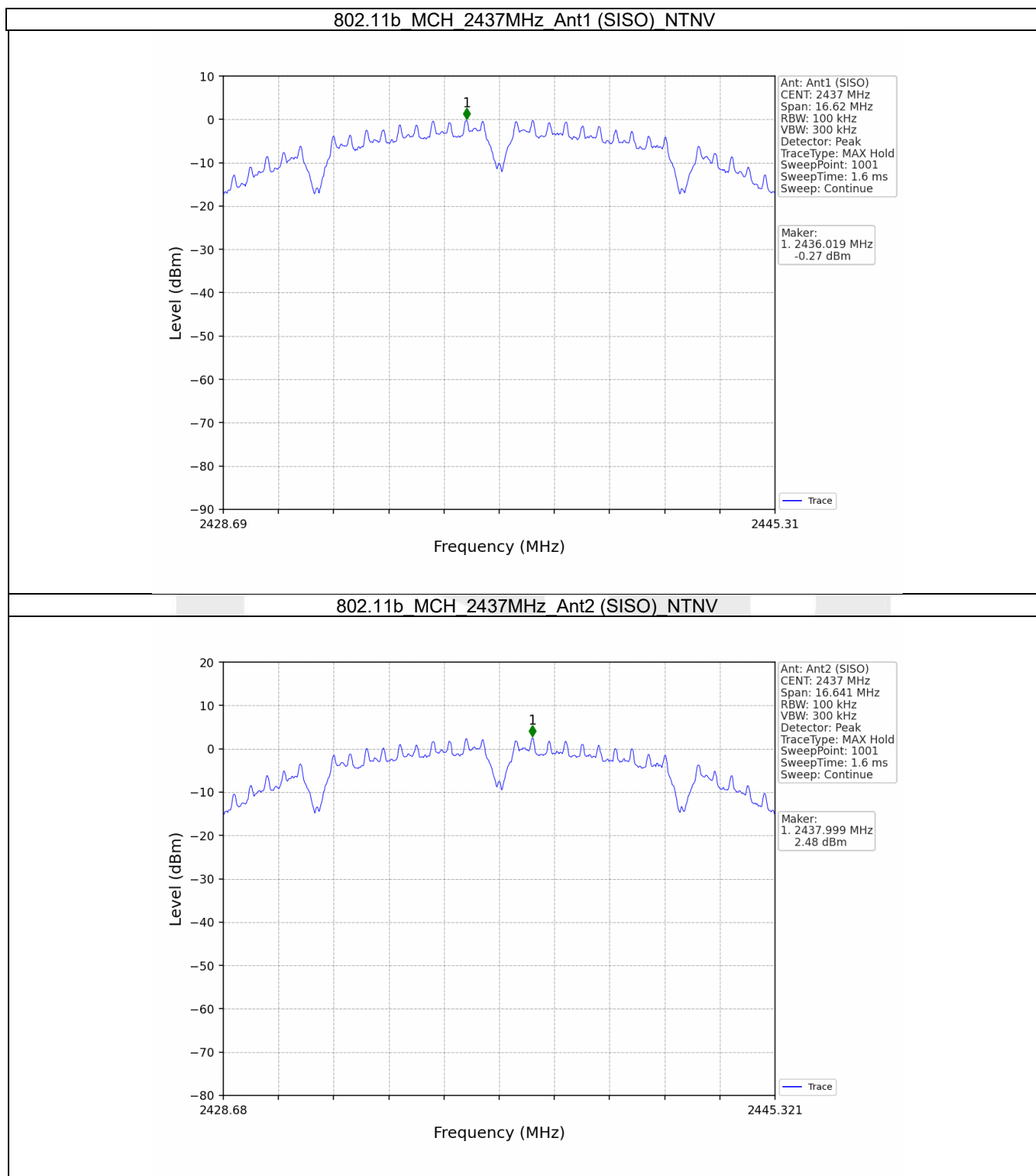
5.1.1.1 Test Result

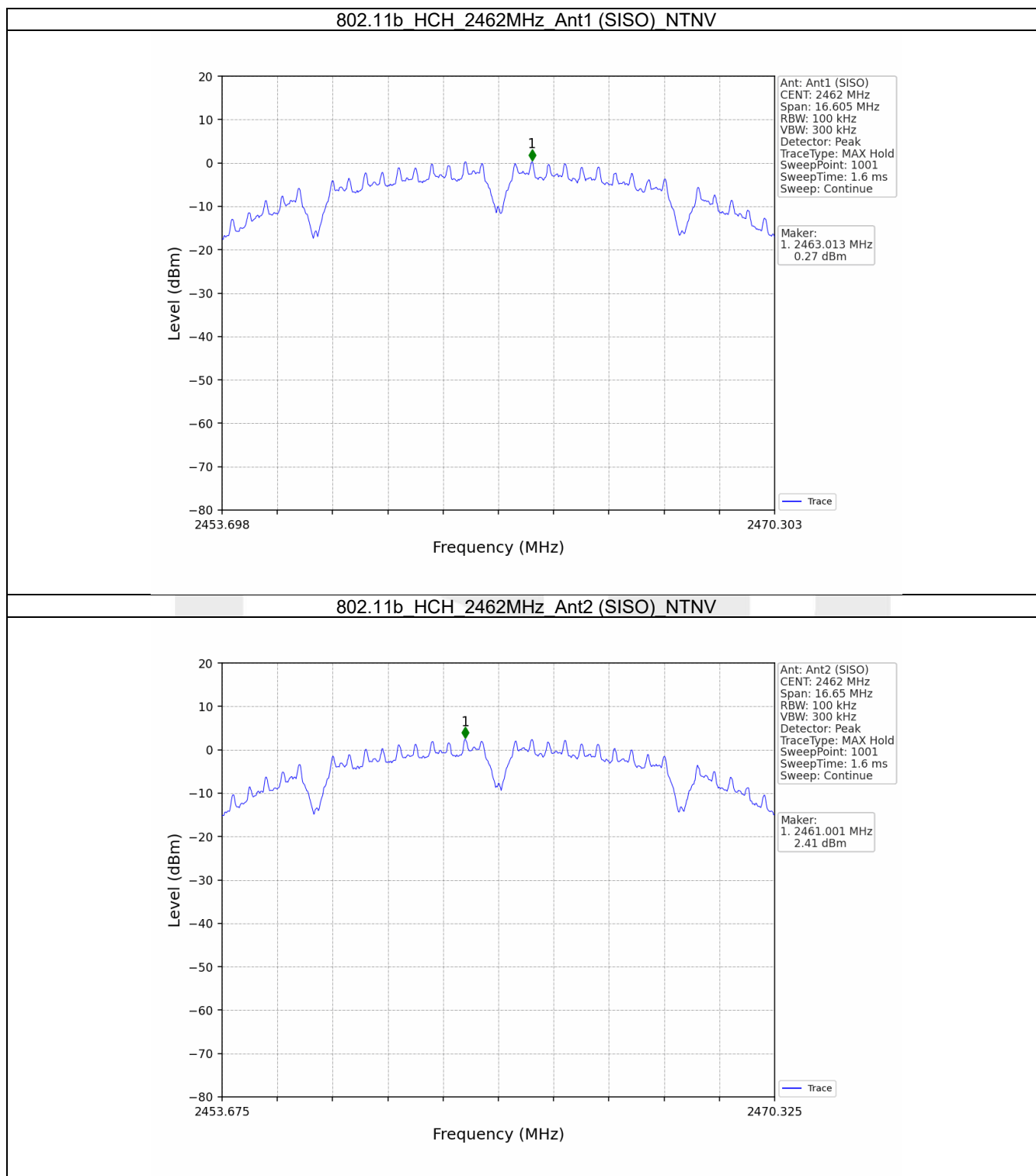
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	0.55
			2	1.90
		2437	1	-0.27
			2	2.48
		2462	1	0.27
			2	2.41
802.11g	SISO	2412	1	-3.47
			2	-5.62
		2437	1	-4.37
			2	-5.98
		2462	1	-4.31
			2	-7.65
802.11n (HT20)	SISO	2412	1	-9.41
			2	-7.91
		2437	1	-9.91
			2	-7.96
		2462	1	-9.45
			2	-7.83
802.11n (HT40)	SISO	2422	1	-12.39
			2	-11.50
		2437	1	-12.83
			2	-11.48
		2452	1	-12.46
			2	-11.35

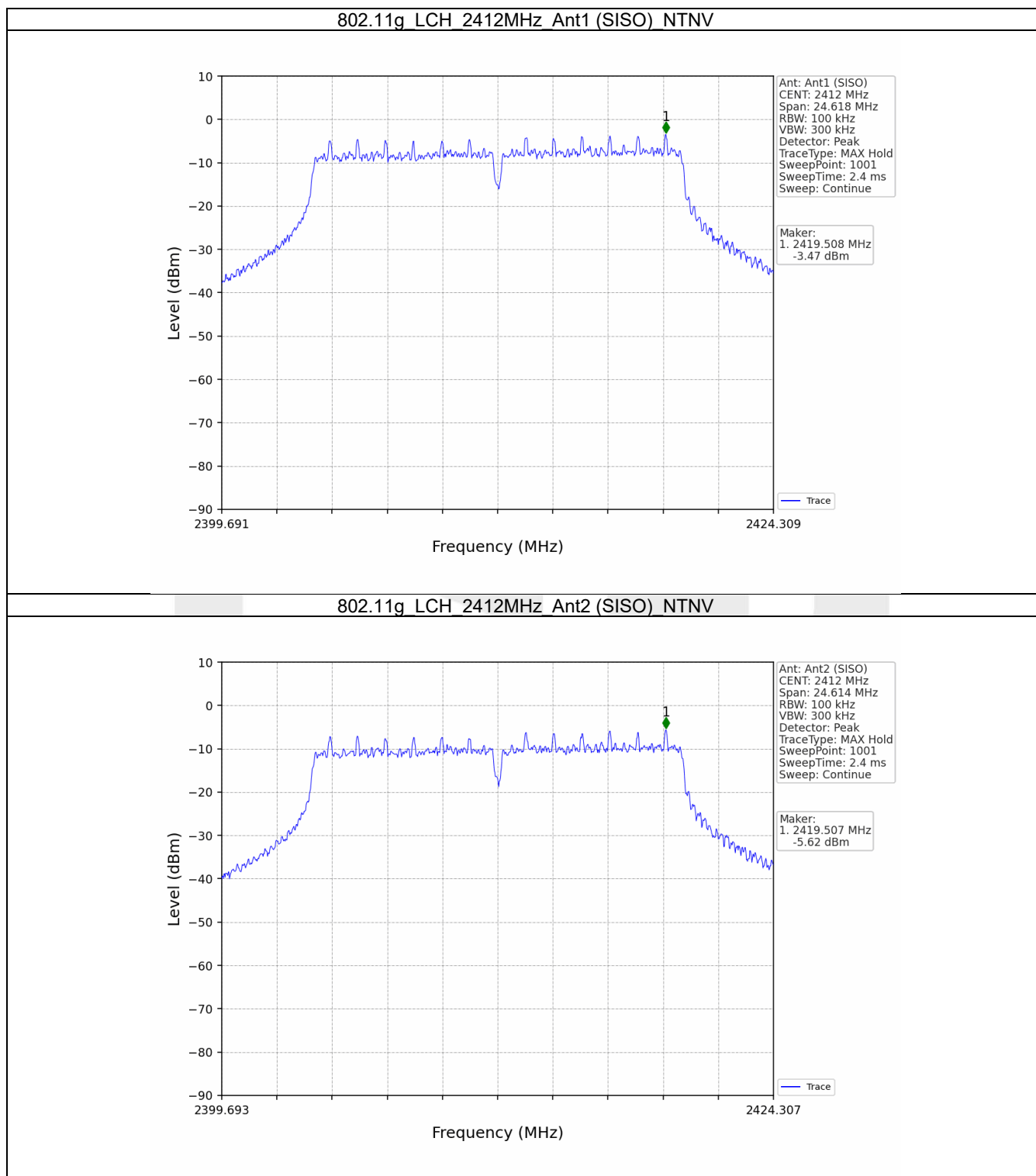
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

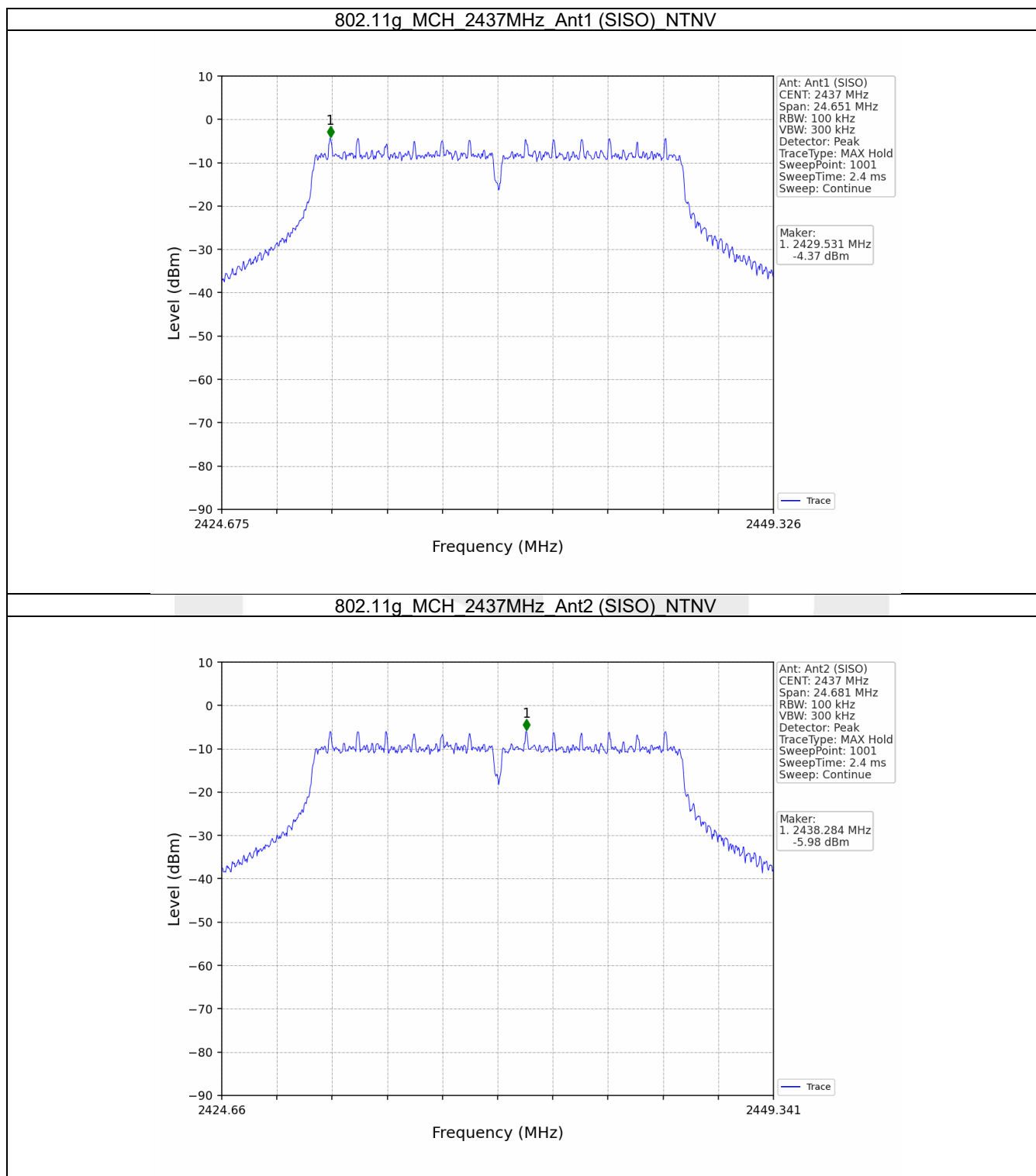
5.1.2 Test Graph

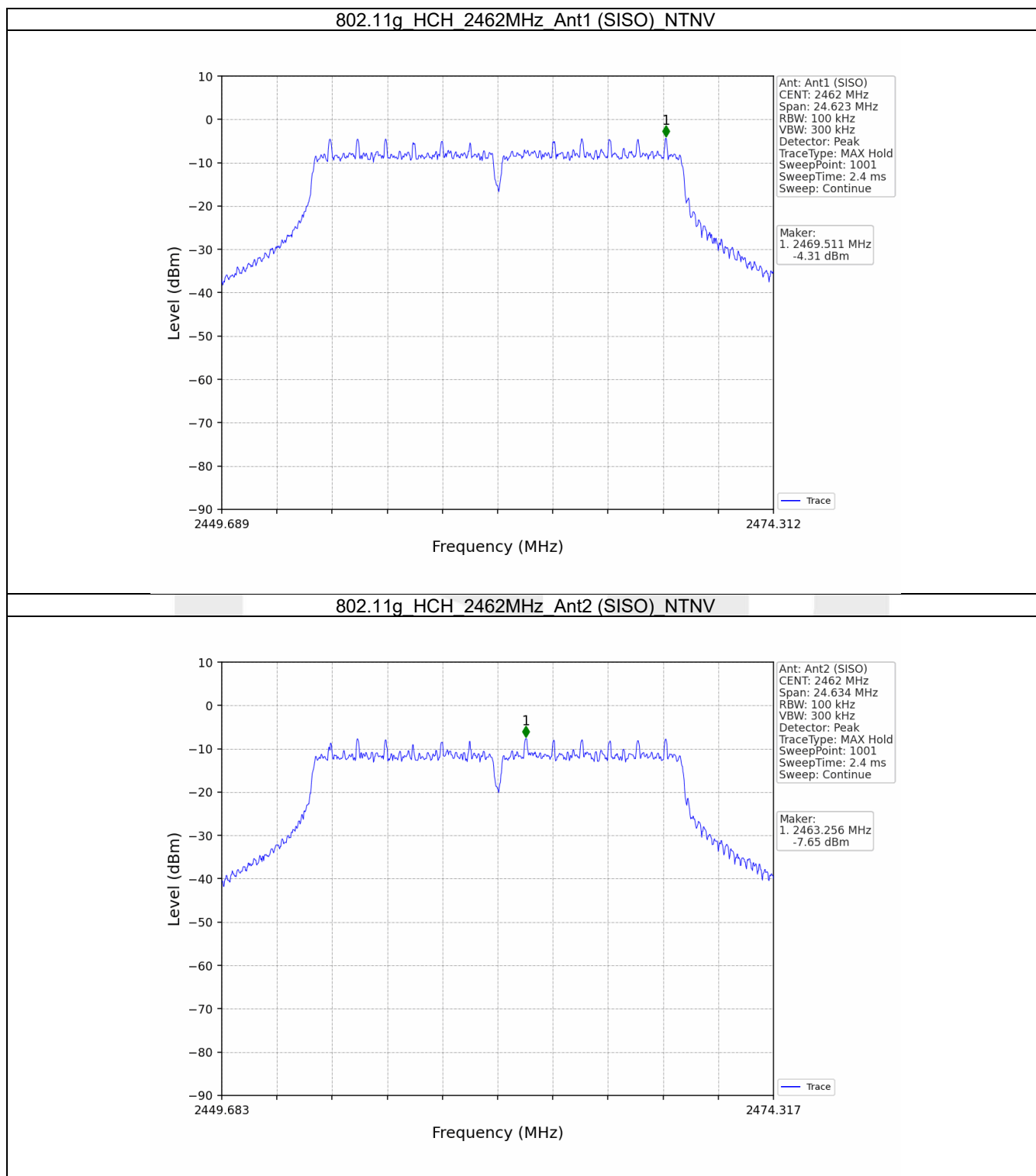


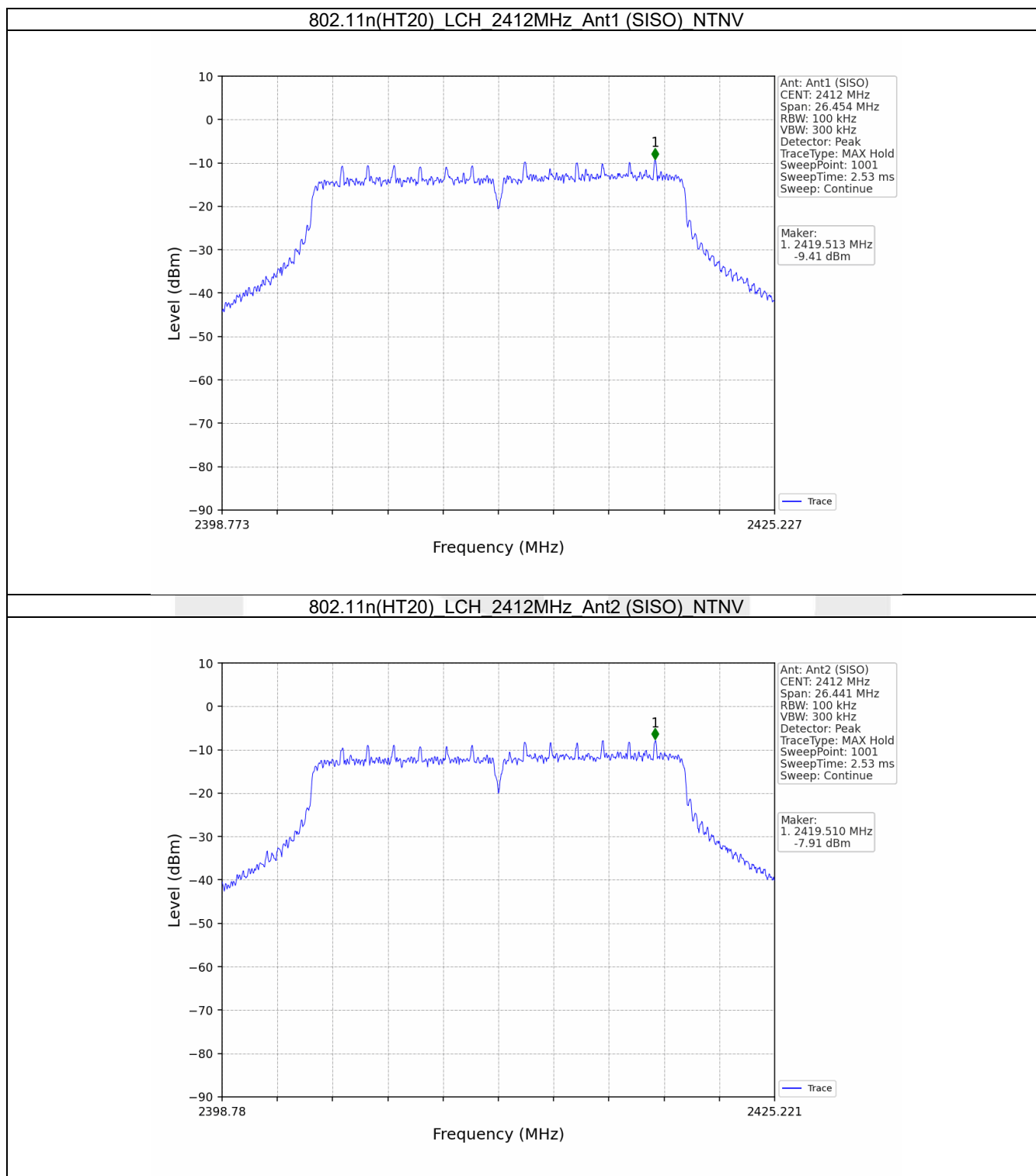


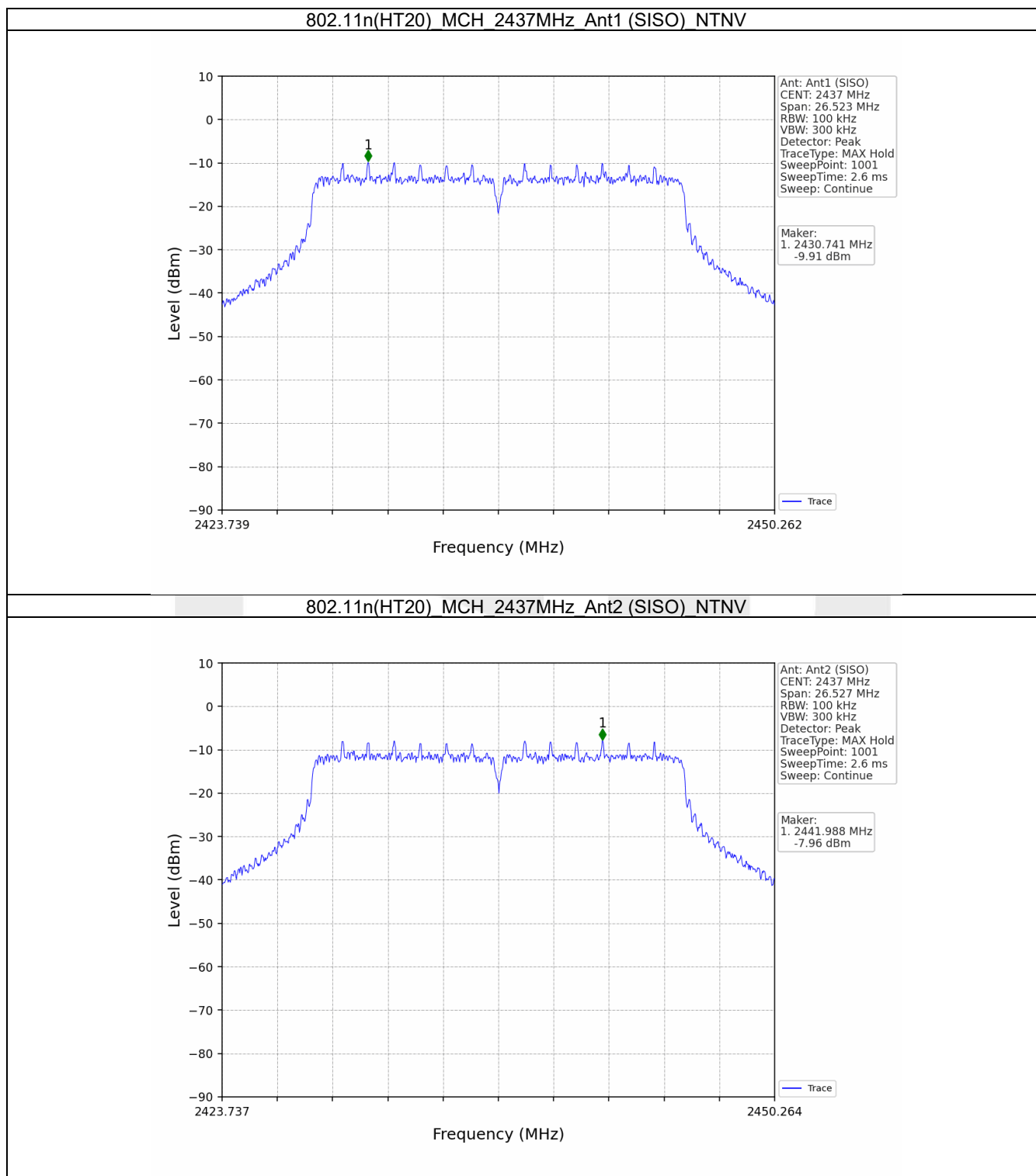


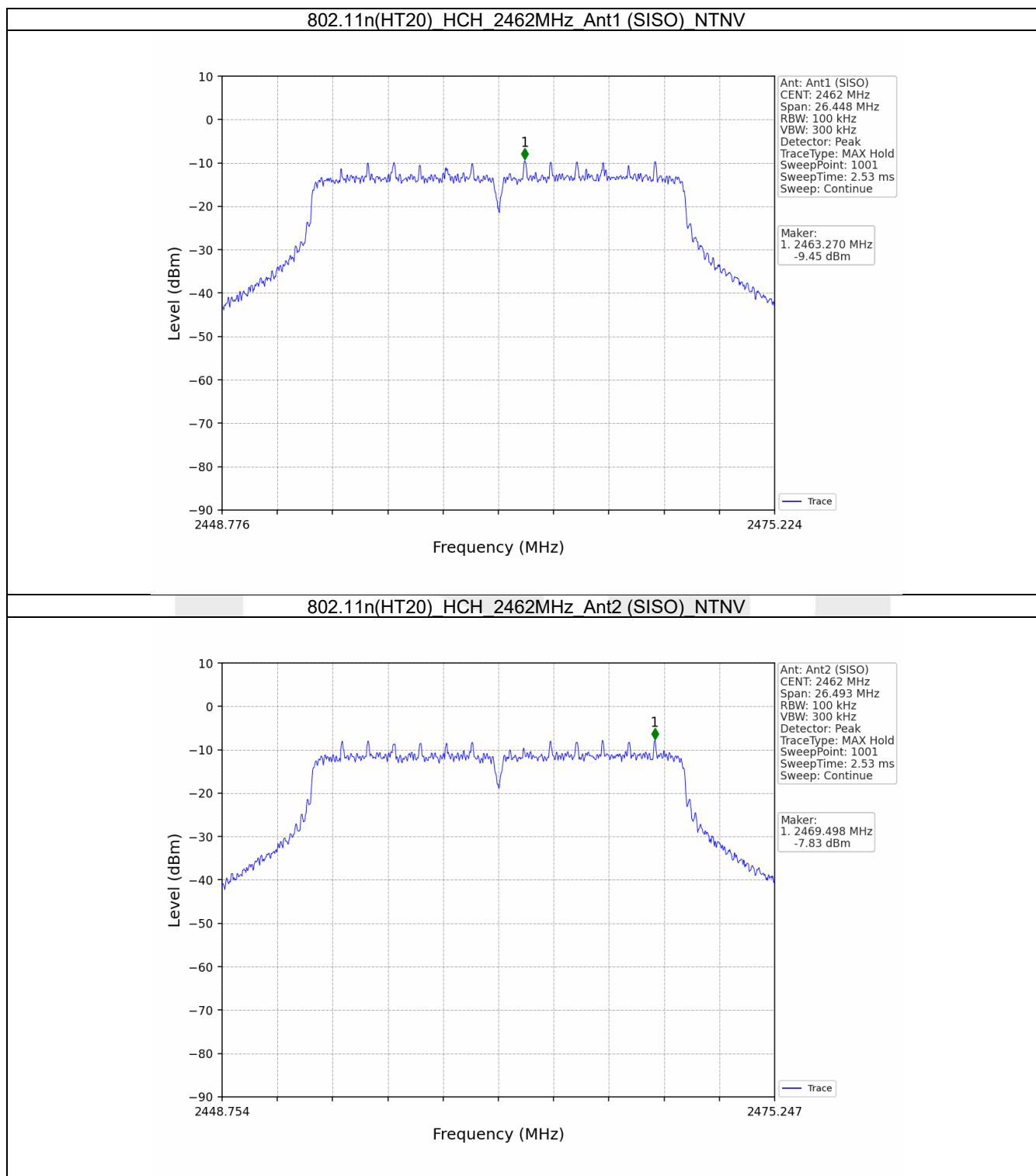


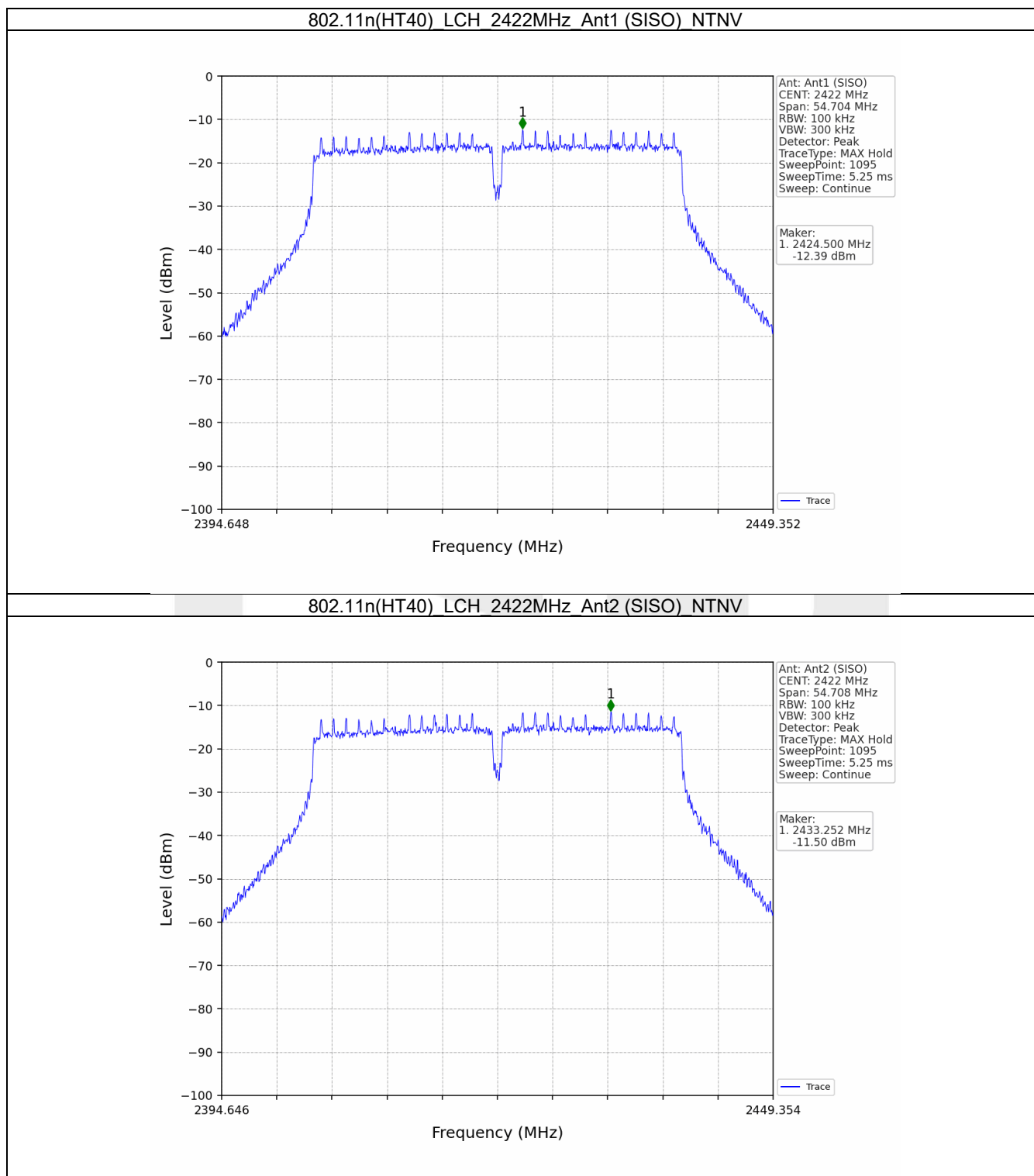


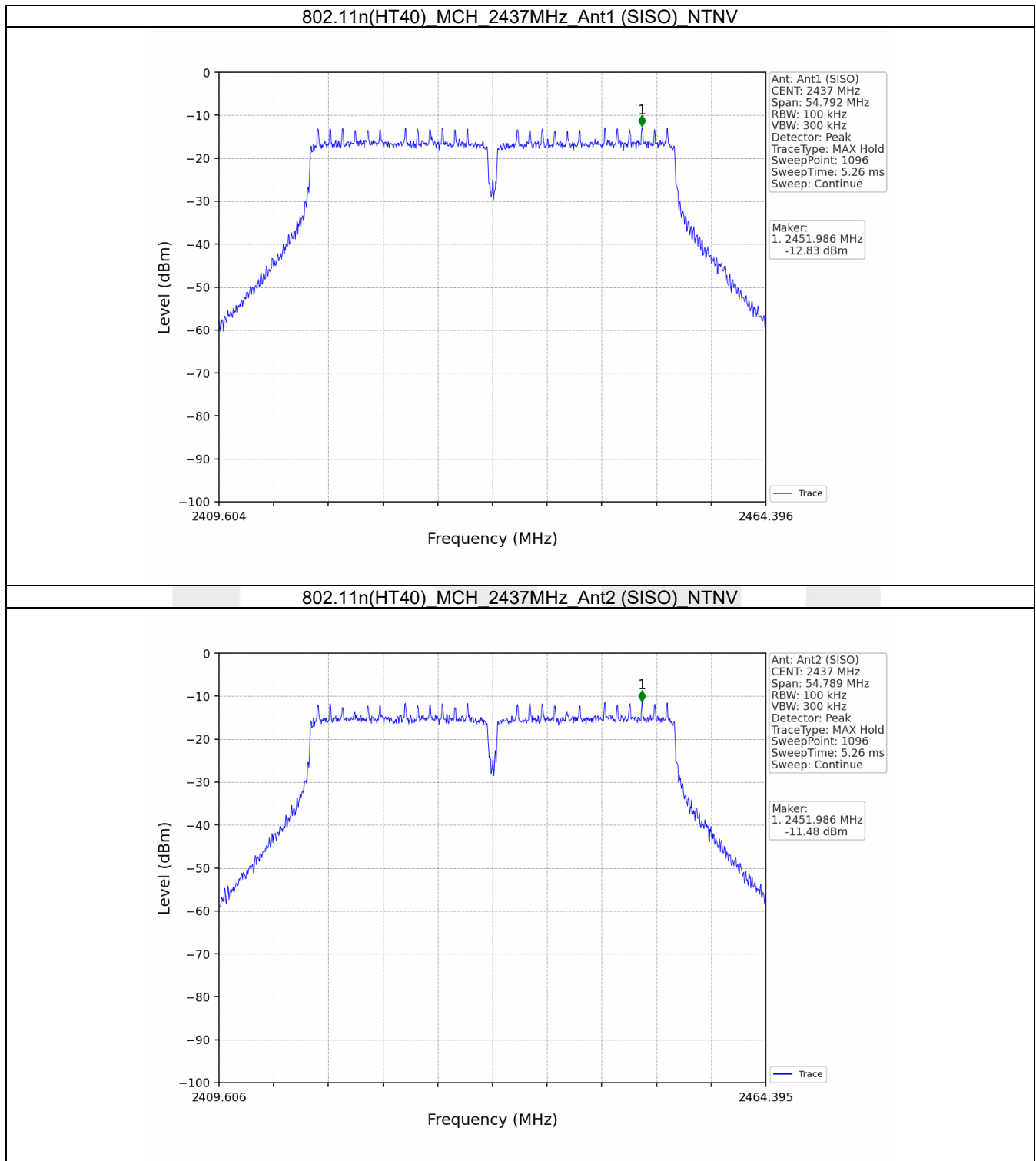


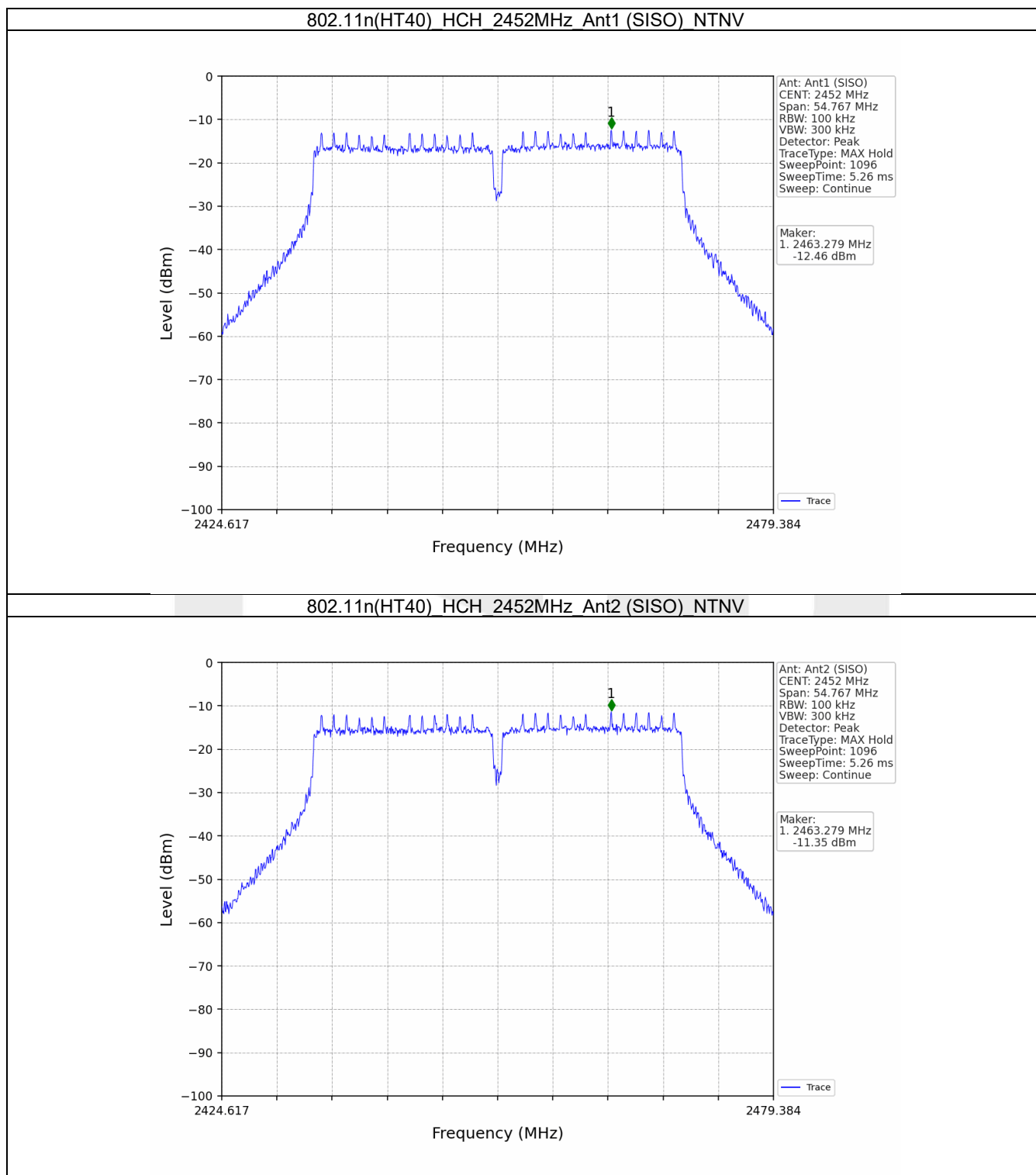












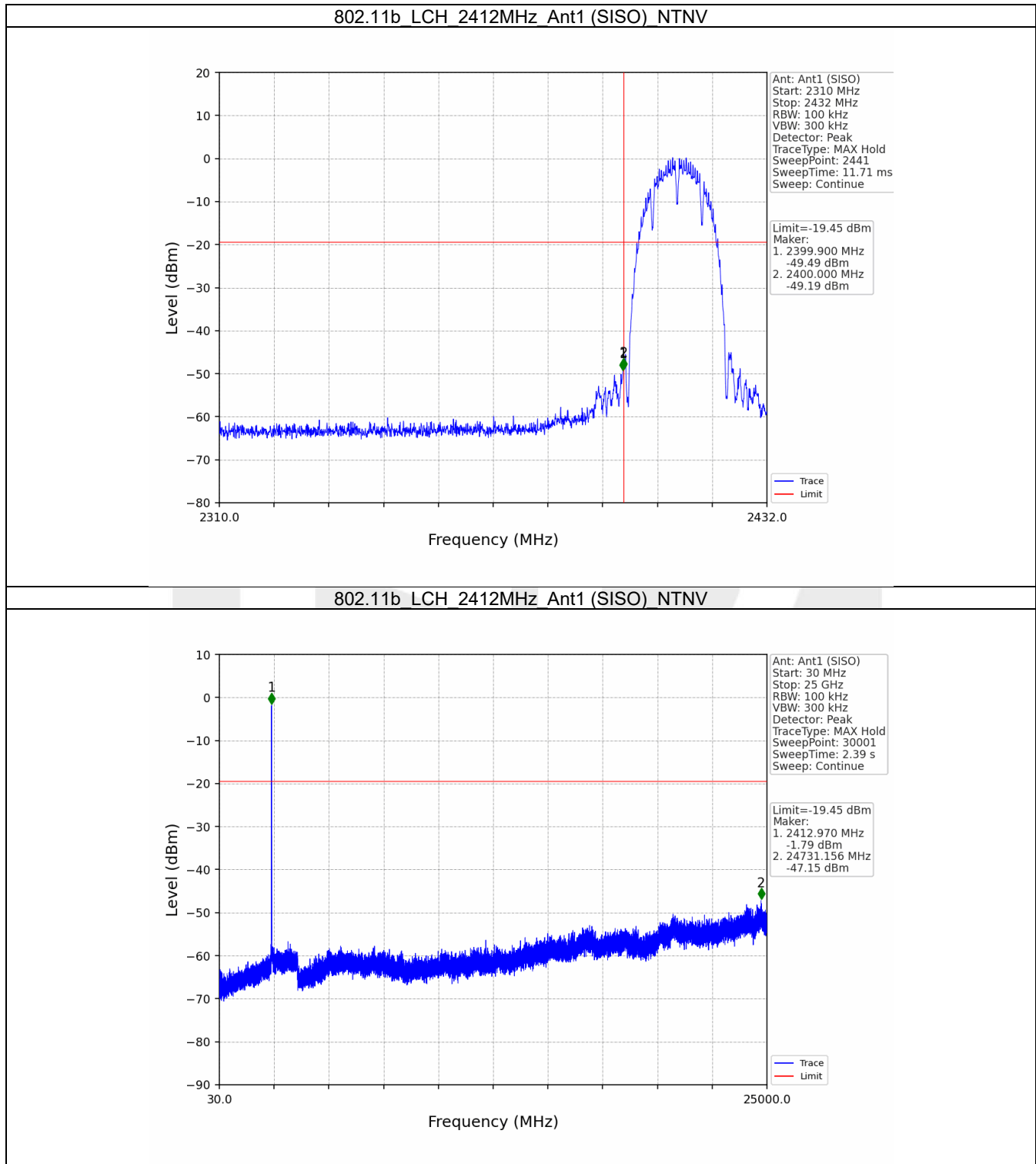
5.1.2 CSE (WiFi Module 1)

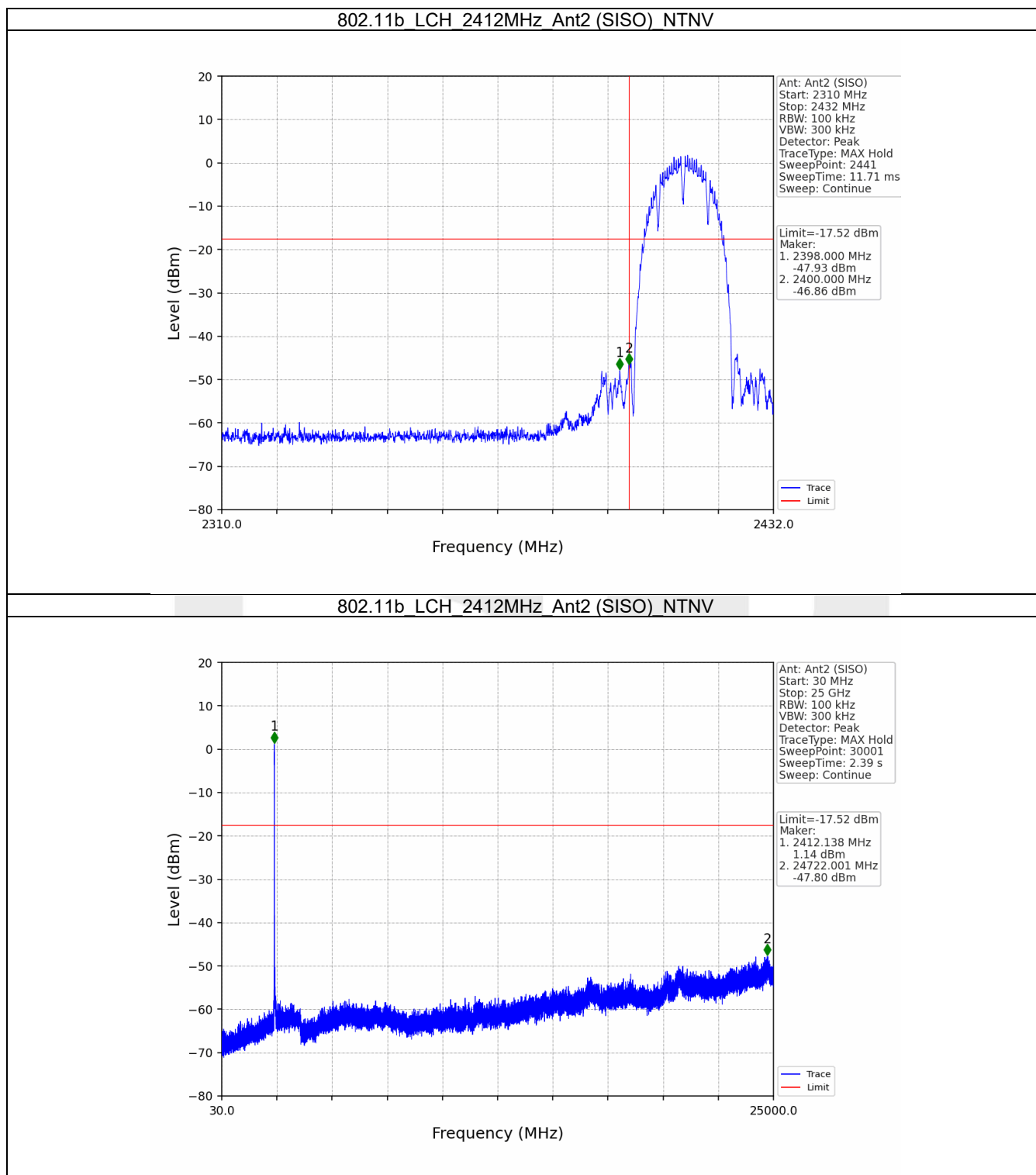
5.1.2.1 Test Result

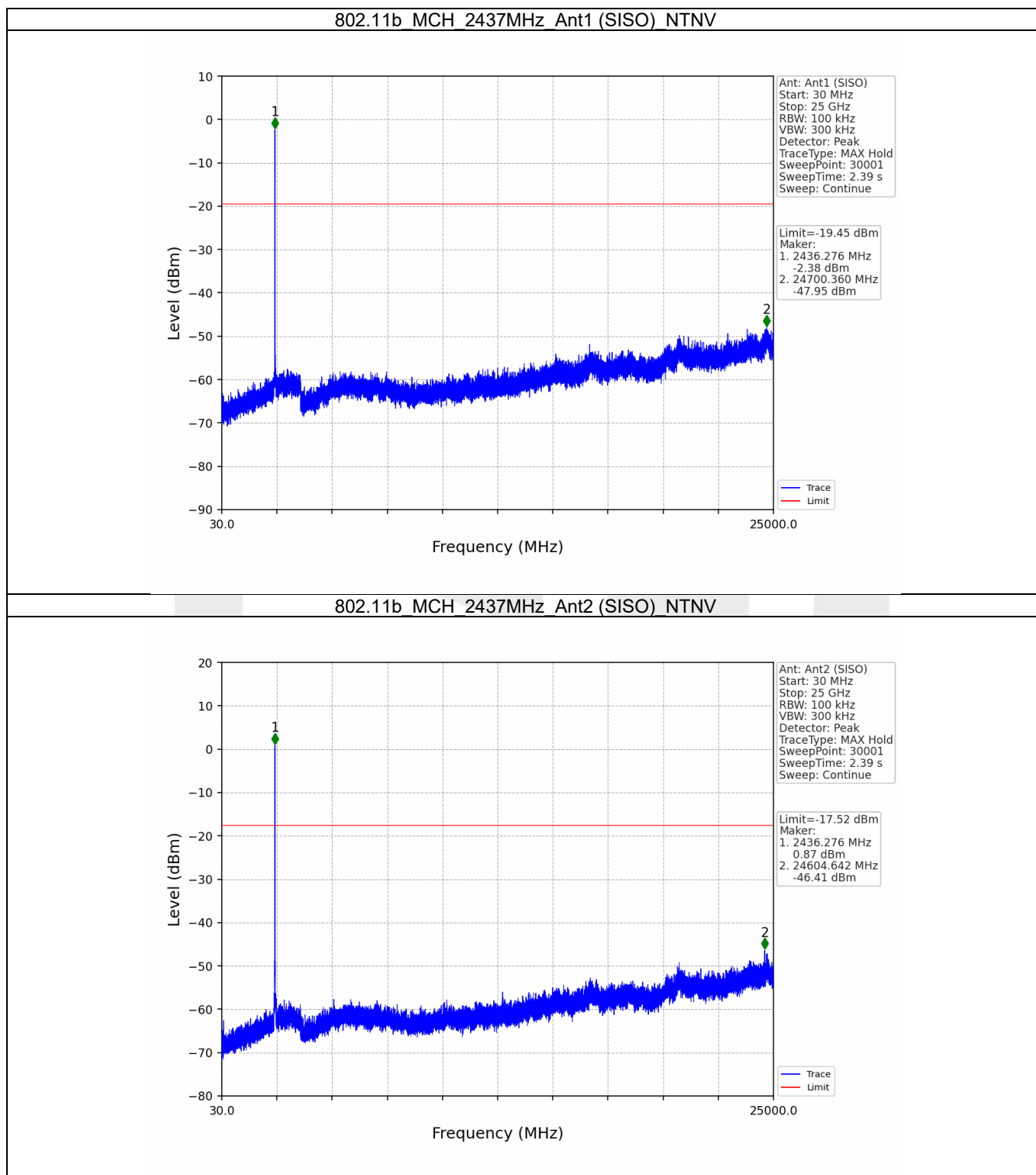
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11g	SISO	2412	1	-3.47	-23.47	Pass
			2	-5.62	-25.62	Pass
		2437	1	-3.47	-23.47	Pass
			2	-5.62	-25.62	Pass
		2462	1	-3.47	-23.47	Pass
			2	-5.62	-25.62	Pass
802.11b	SISO	2412	1	0.55	-19.45	Pass
			2	2.48	-17.52	Pass
802.11n (HT20)	SISO	2412	1	-9.41	-29.41	Pass
			2	-7.83	-27.83	Pass
802.11b	SISO	2437	1	0.55	-19.45	Pass
			2	2.48	-17.52	Pass
802.11n (HT20)	SISO	2437	1	-9.41	-29.41	Pass
			2	-7.83	-27.83	Pass
802.11b	SISO	2462	1	0.55	-19.45	Pass
			2	2.48	-17.52	Pass
802.11n (HT20)	SISO	2462	1	-9.41	-29.41	Pass
			2	-7.83	-27.83	Pass
802.11g	MIMO	2412	1	-0.79	-20.79	Pass
			2	0.28	-19.72	Pass
802.11n (HT40)	SISO	2422	1	-12.39	-32.39	Pass
			2	-11.35	-31.35	Pass
802.11g	MIMO	2437	1	-0.79	-20.79	Pass
802.11n (HT40)	SISO	2437	1	-12.39	-32.39	Pass
802.11g	MIMO	2437	2	0.28	-19.72	Pass
802.11n (HT40)	SISO	2437	2	-11.35	-31.35	Pass
802.11g	MIMO	2462	1	-0.79	-20.79	Pass
802.11n (HT40)	SISO	2452	1	-12.39	-32.39	Pass
802.11g	MIMO	2462	2	0.28	-19.72	Pass
802.11n (HT40)	SISO	2452	2	-11.35	-31.35	Pass
802.11n (HT20)	MIMO	2412	1	-10.05	-30.05	Pass
			2	-8.23	-28.23	Pass
		2437	1	-10.05	-30.05	Pass
			2	-8.23	-28.23	Pass
		2462	1	-10.05	-30.05	Pass
			2	-8.23	-28.23	Pass
802.11n (HT40)	MIMO	2422	1	-13.87	-33.87	Pass
			2	-12.07	-32.07	Pass
		2437	1	-13.87	-33.87	Pass
			2	-12.07	-32.07	Pass
		2452	1	-13.87	-33.87	Pass
			2	-12.07	-32.07	Pass

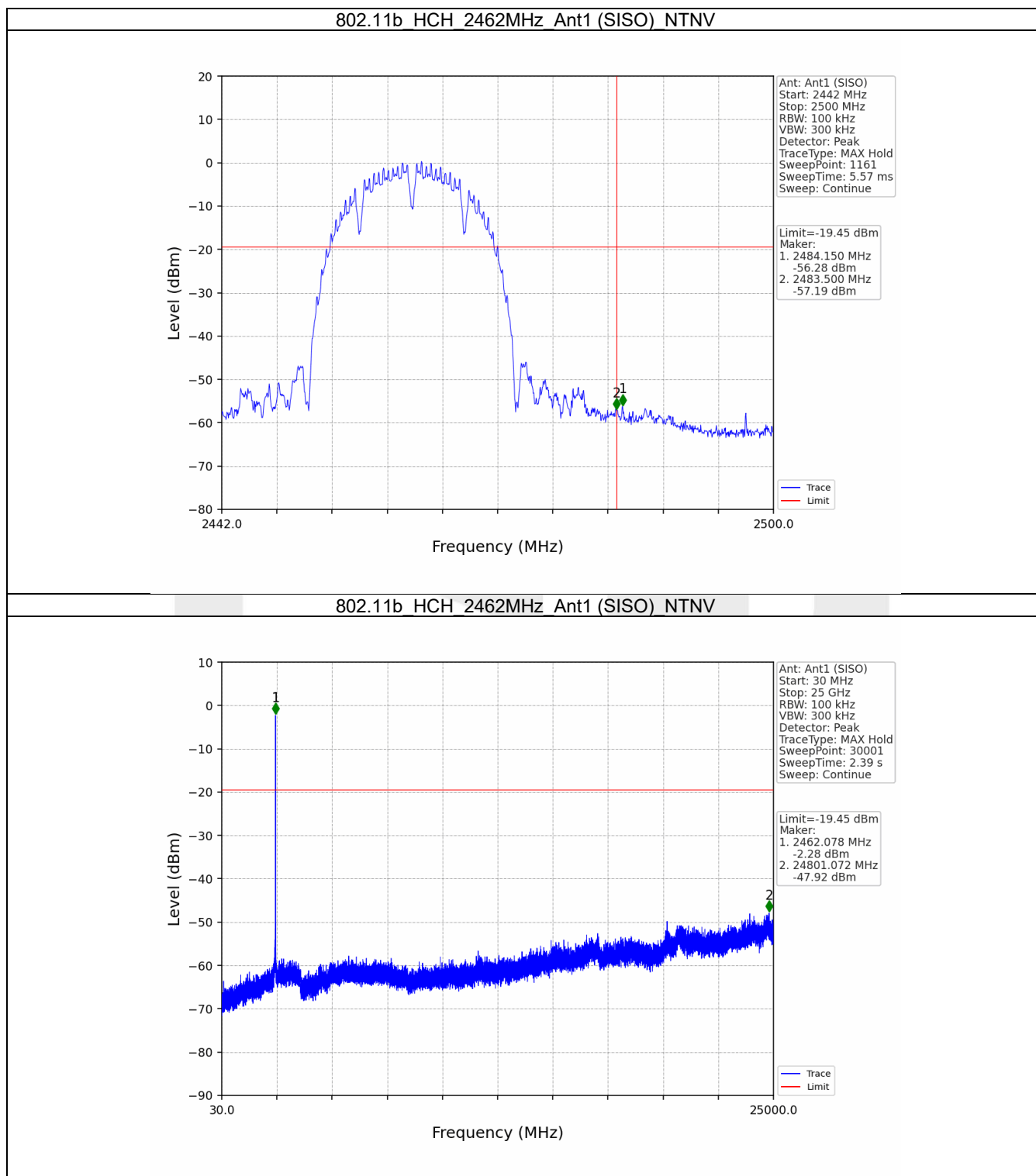
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

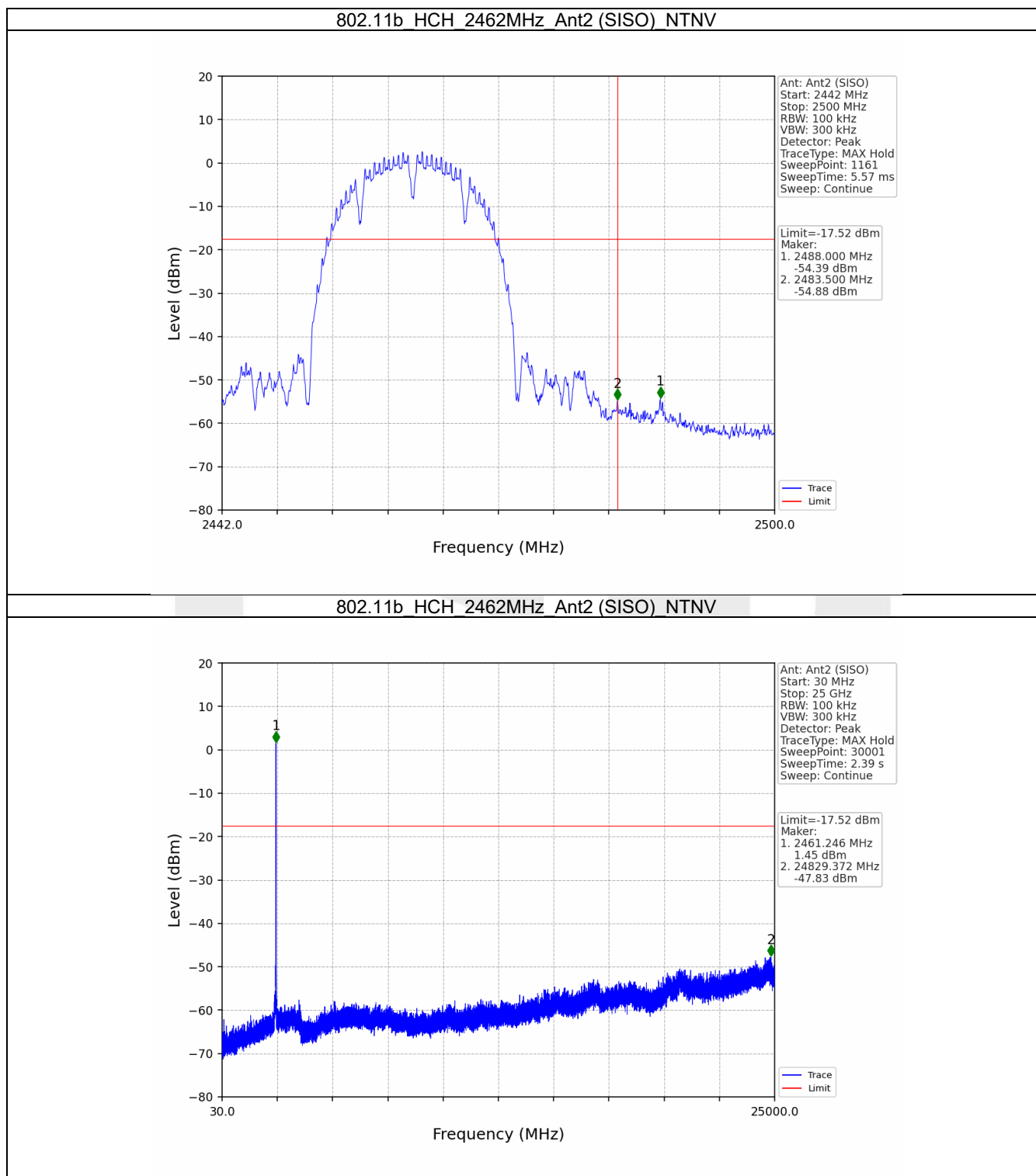
5.1.2.2 Test Graph

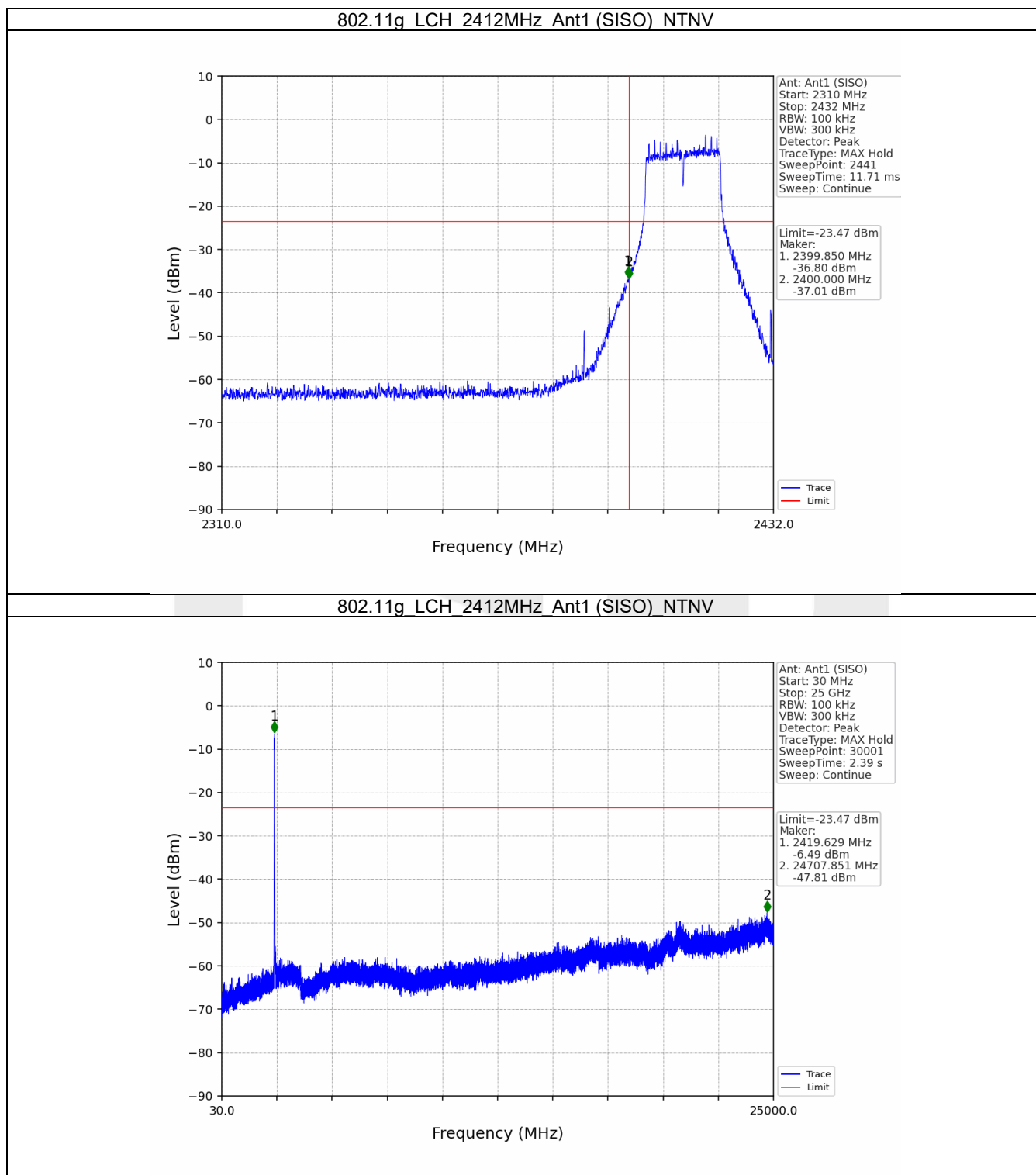


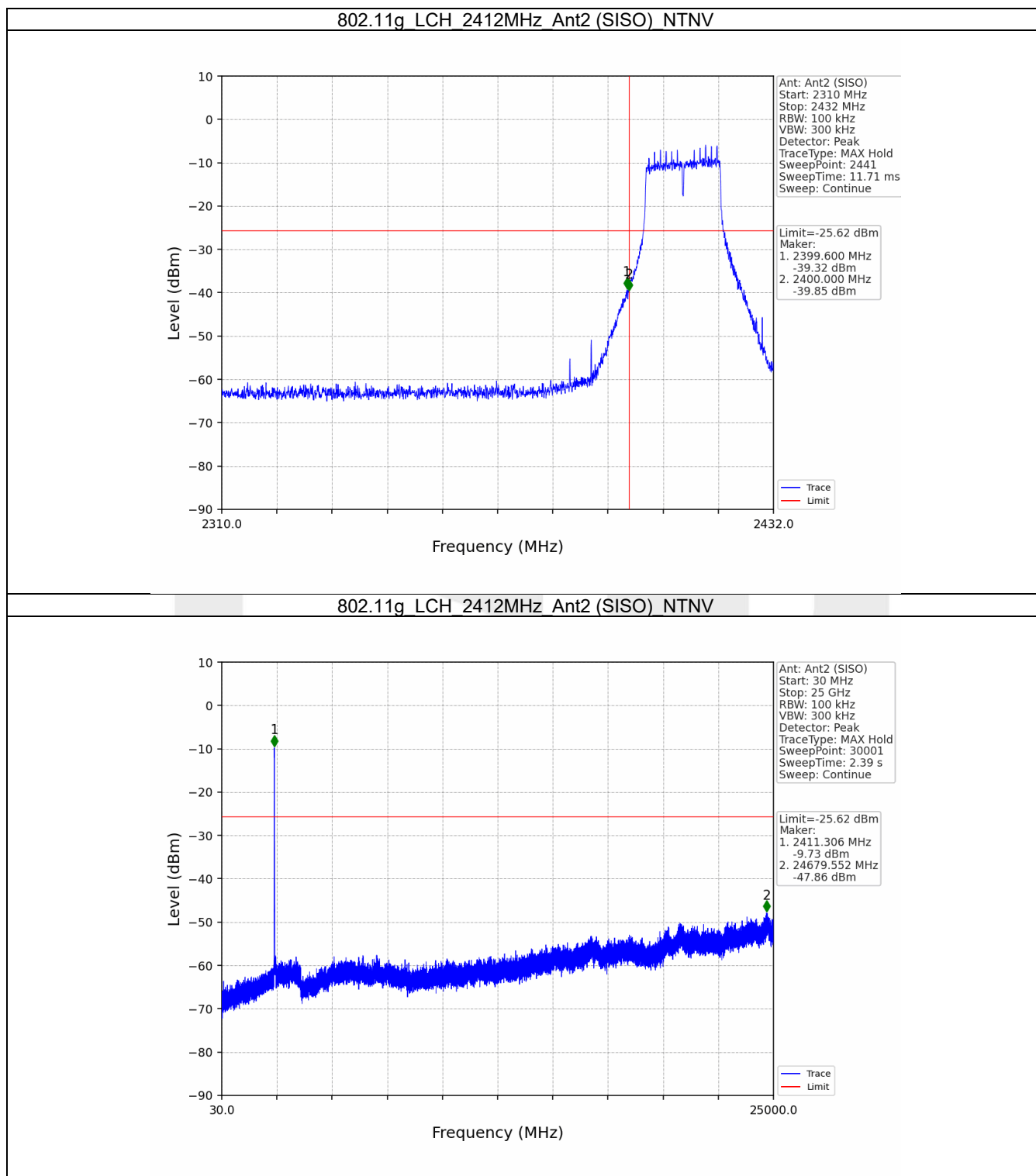


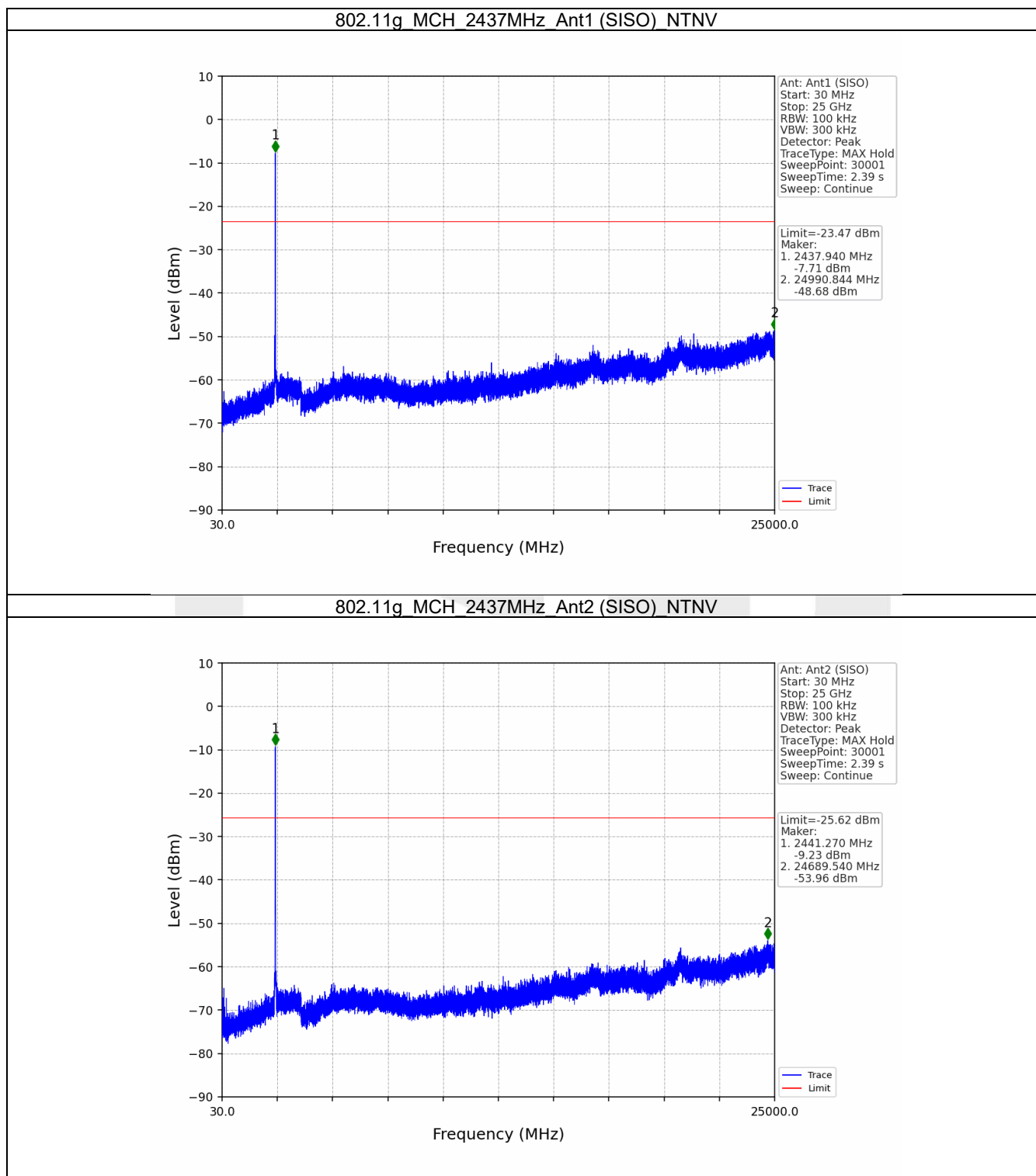


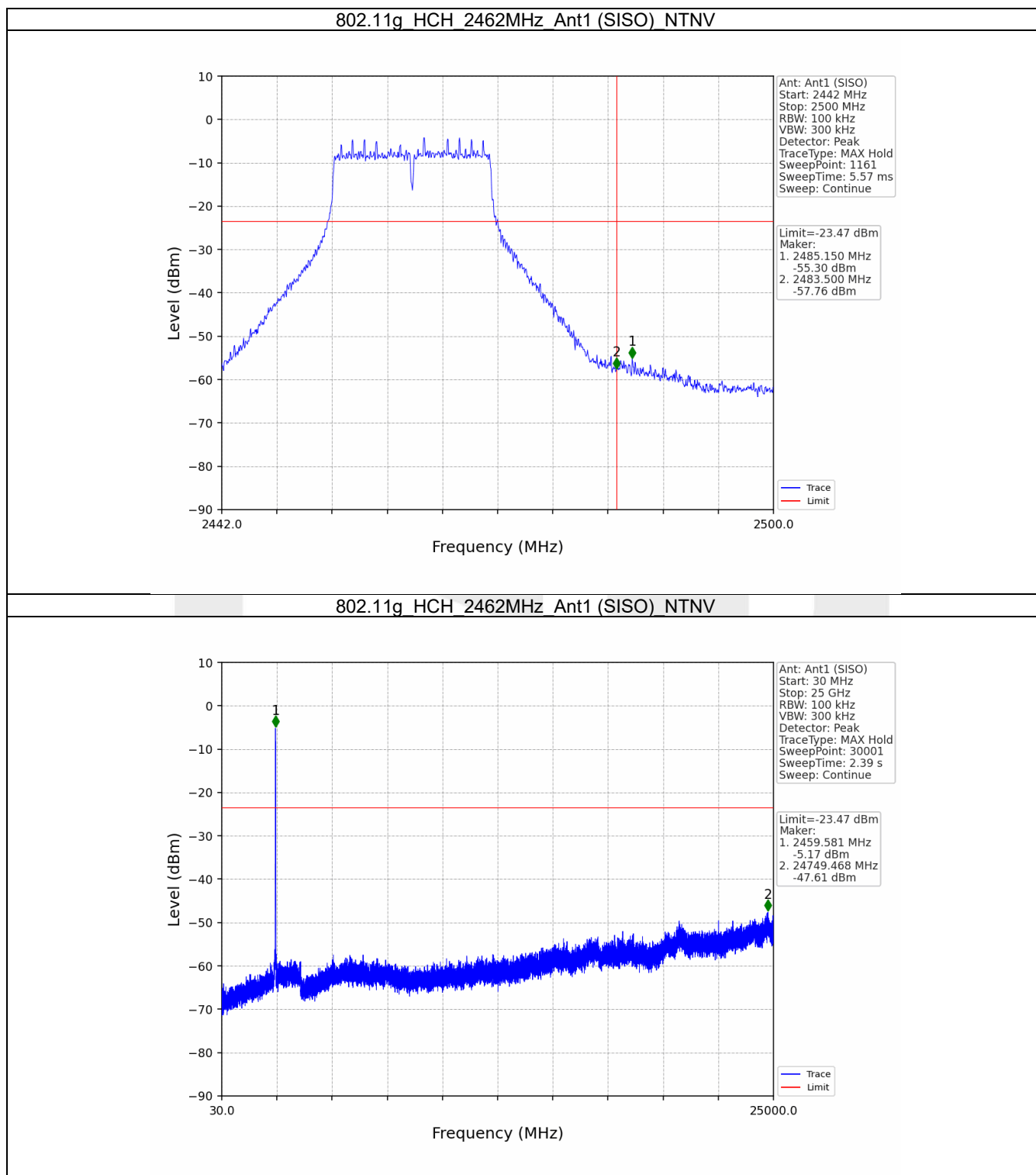


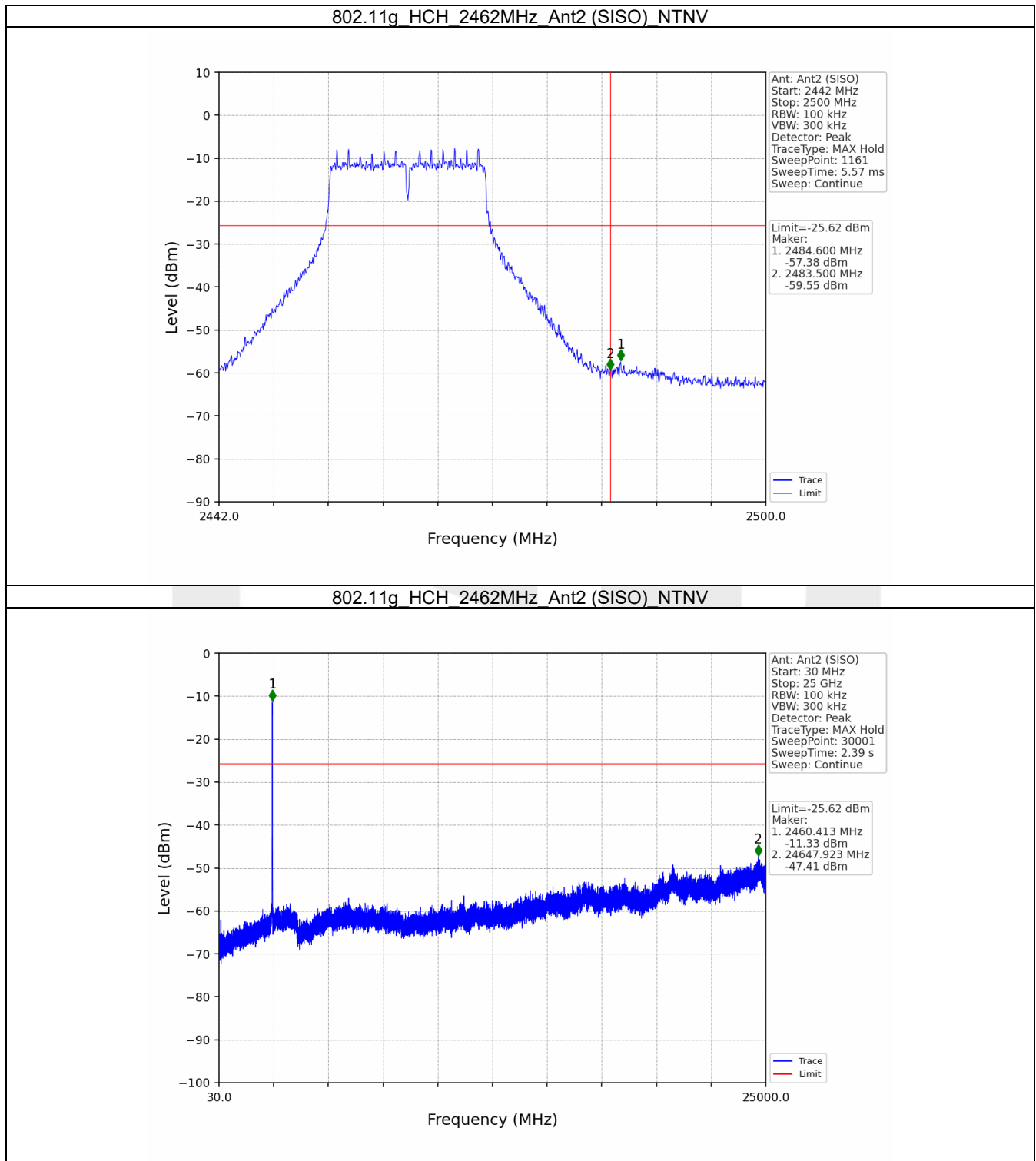


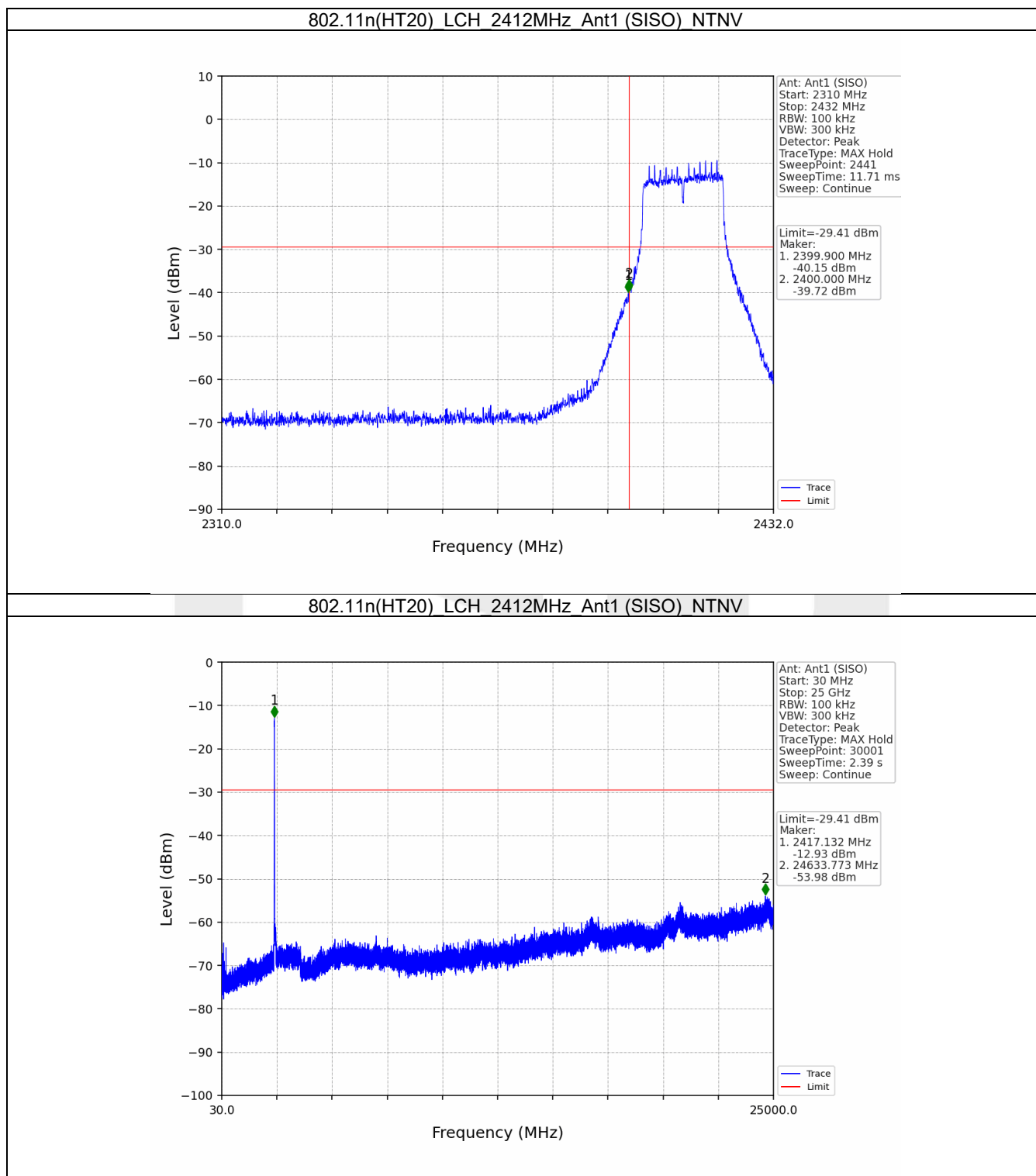


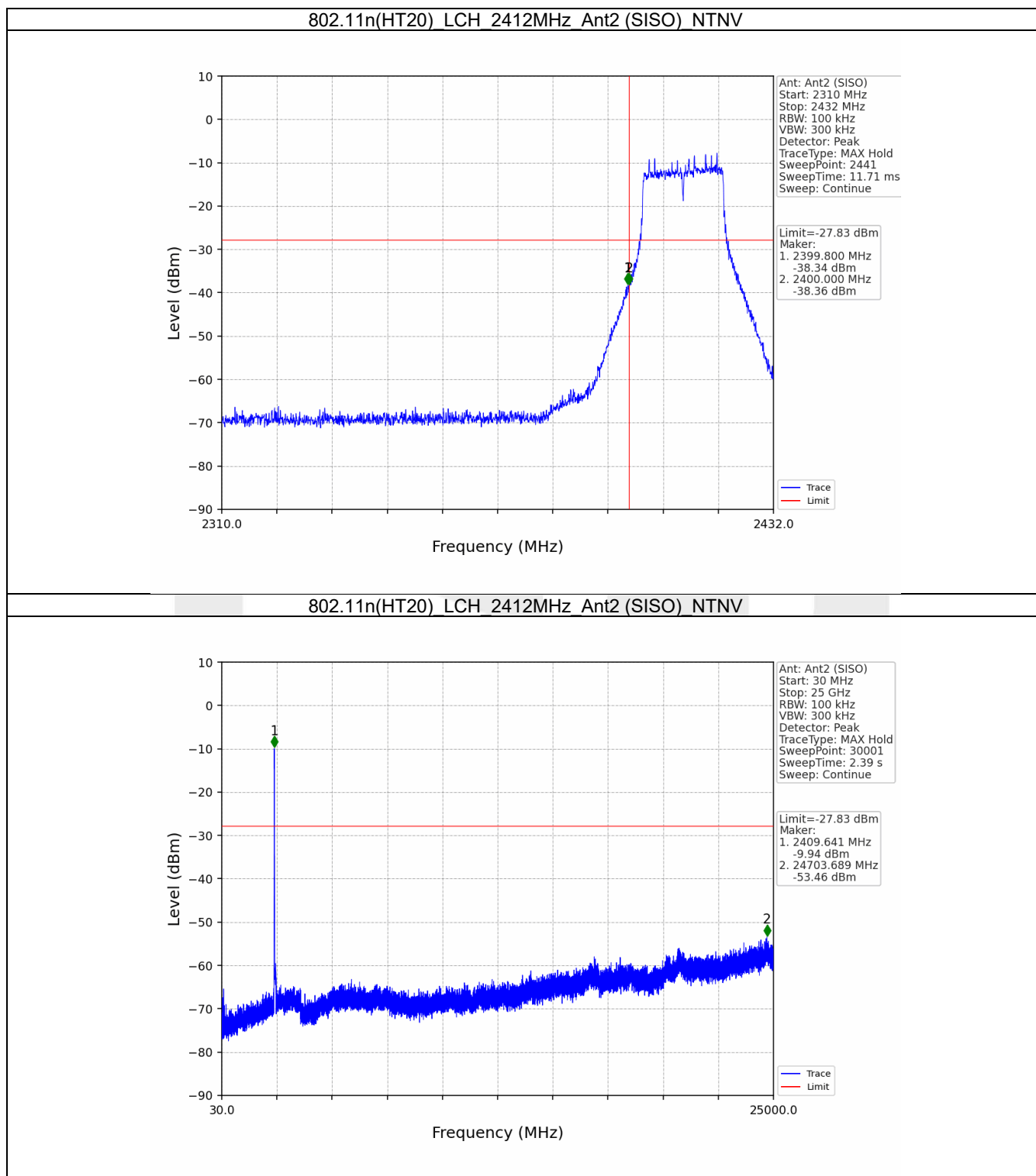


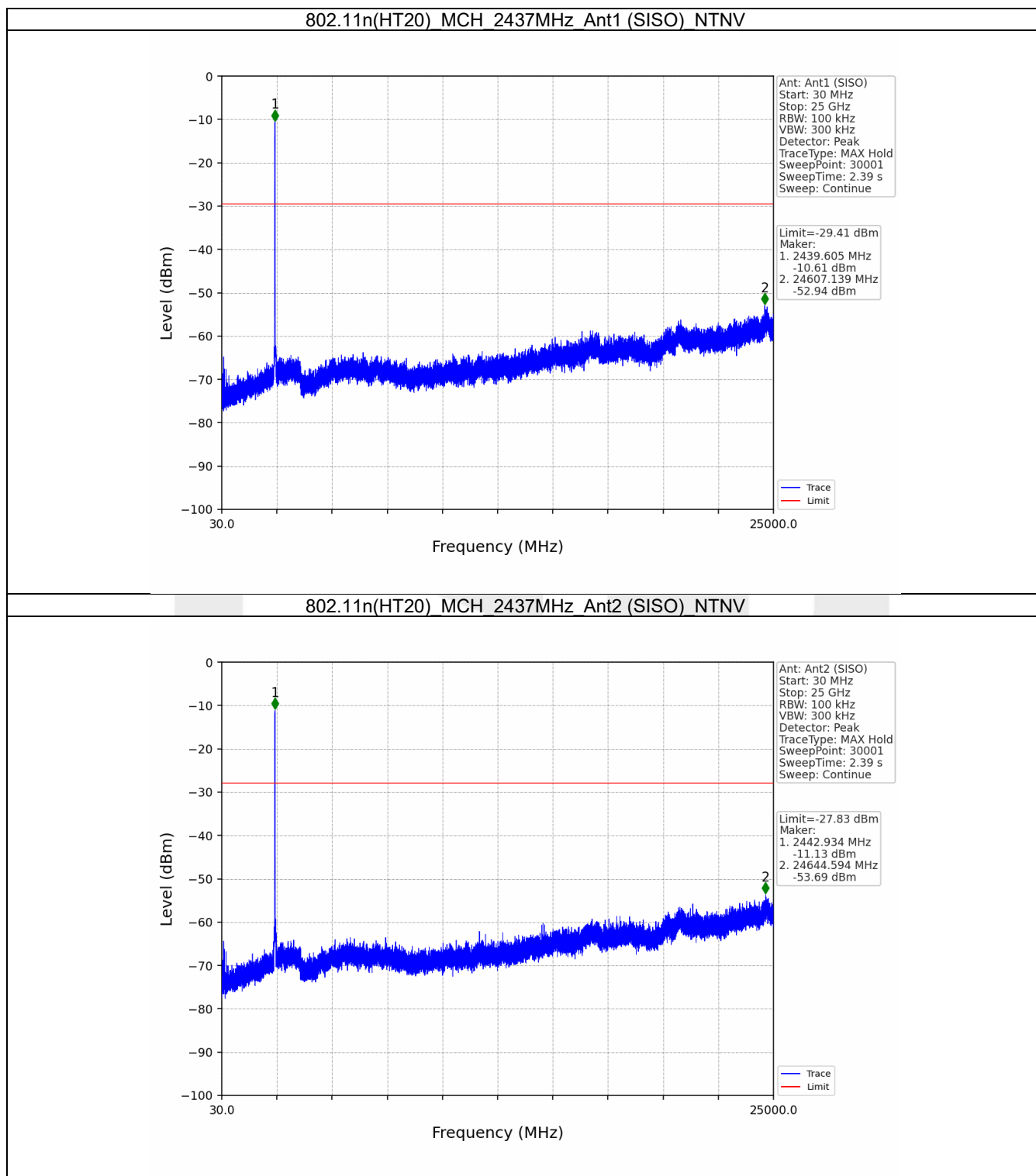


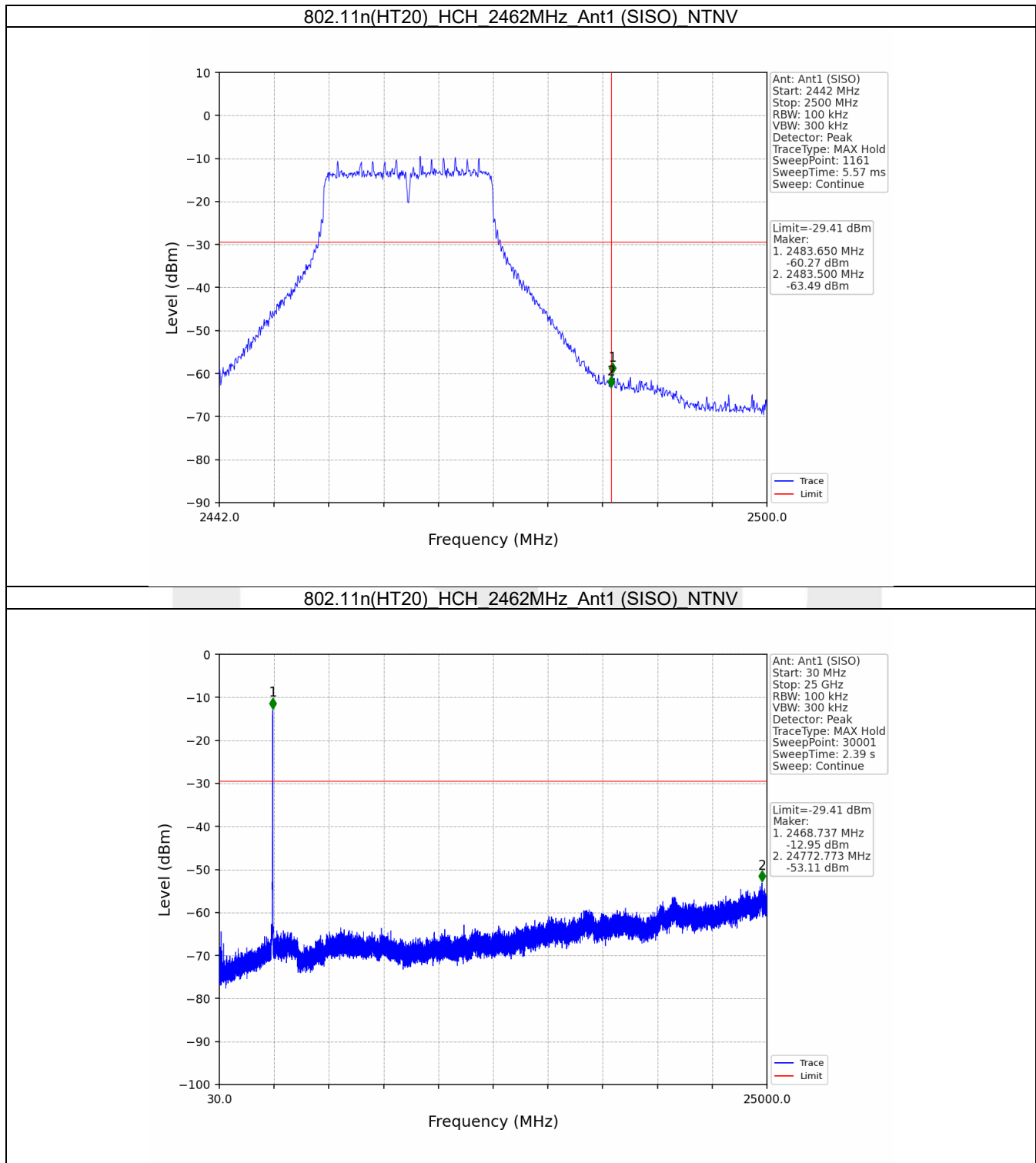


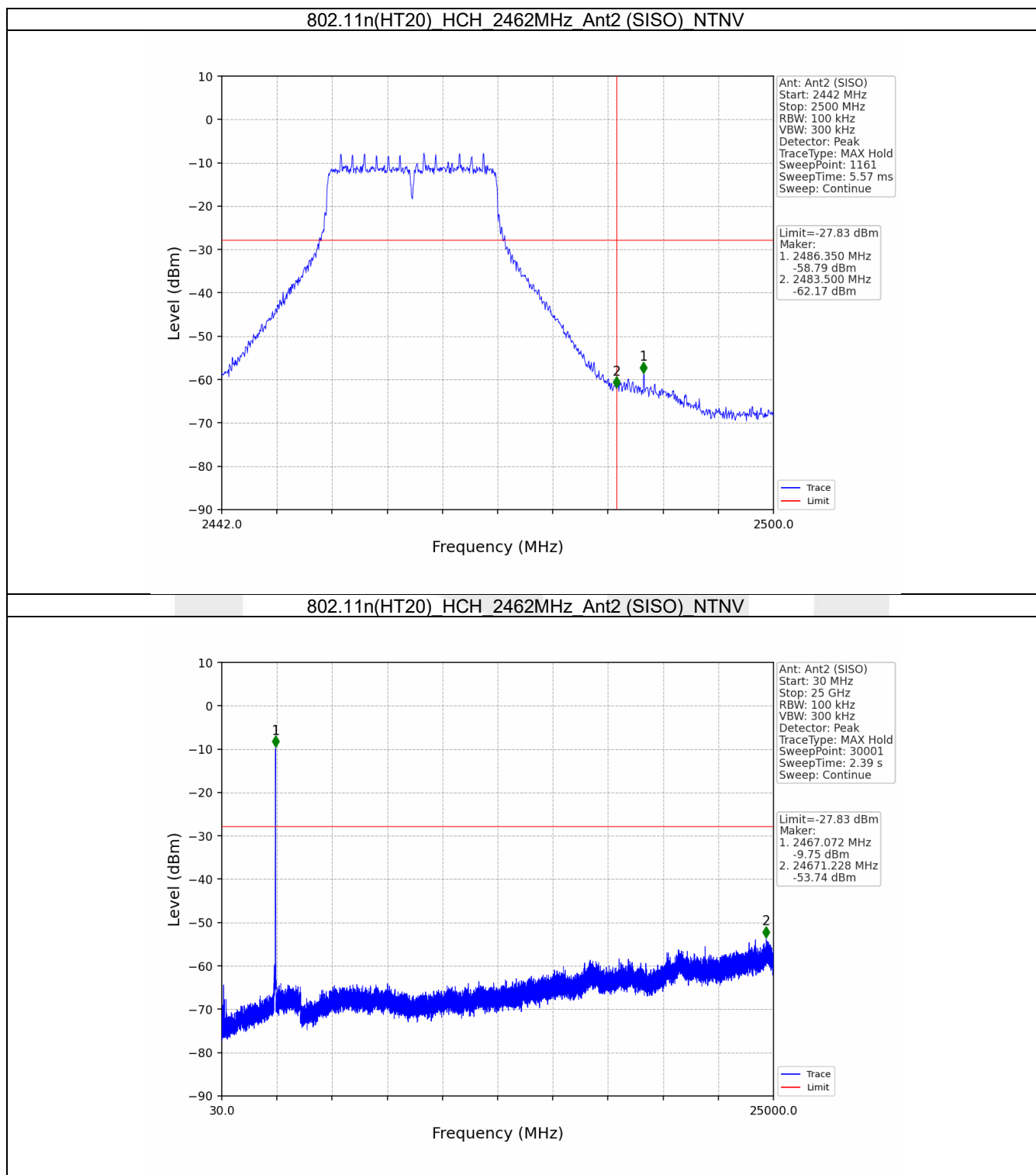


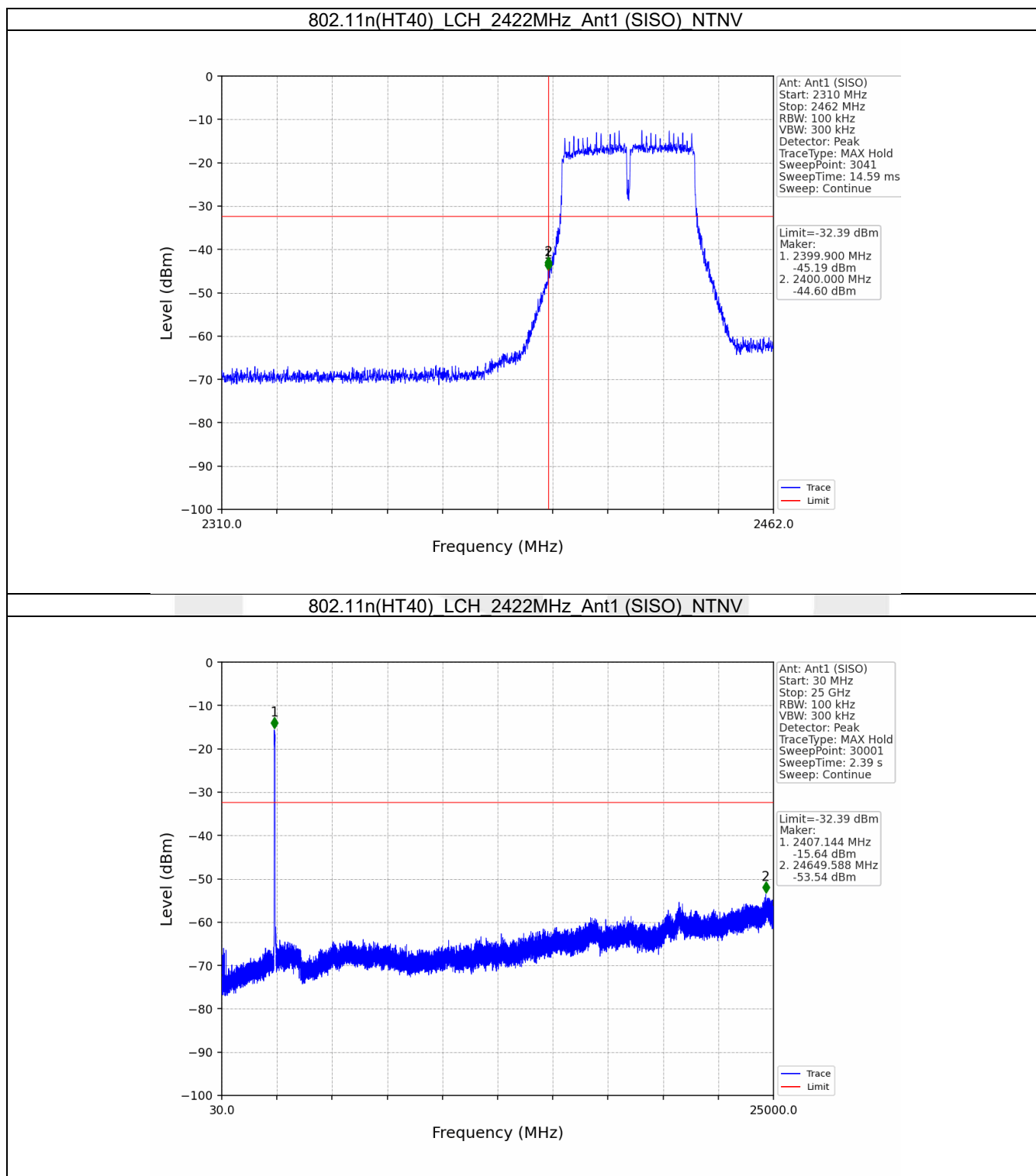


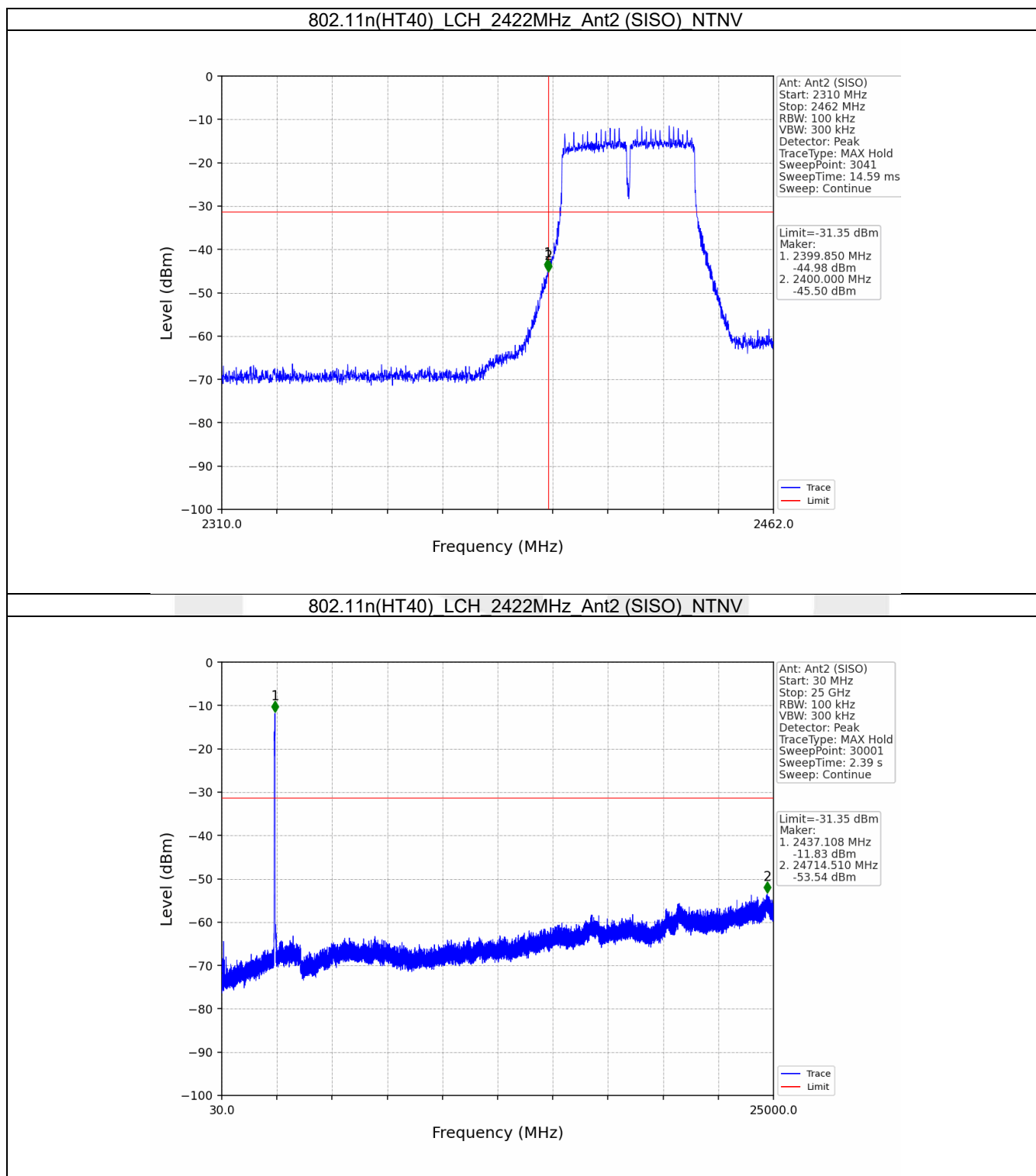


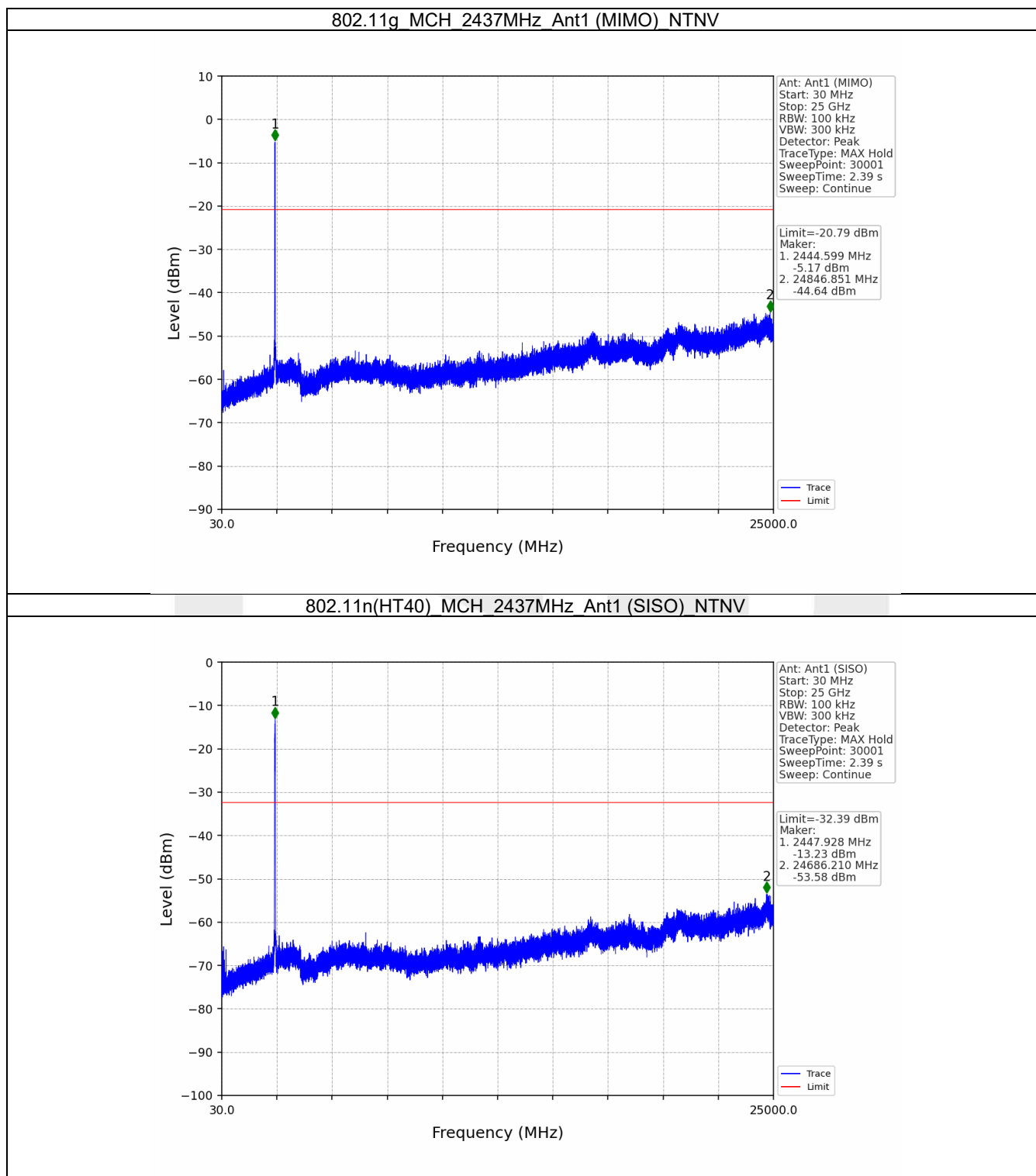


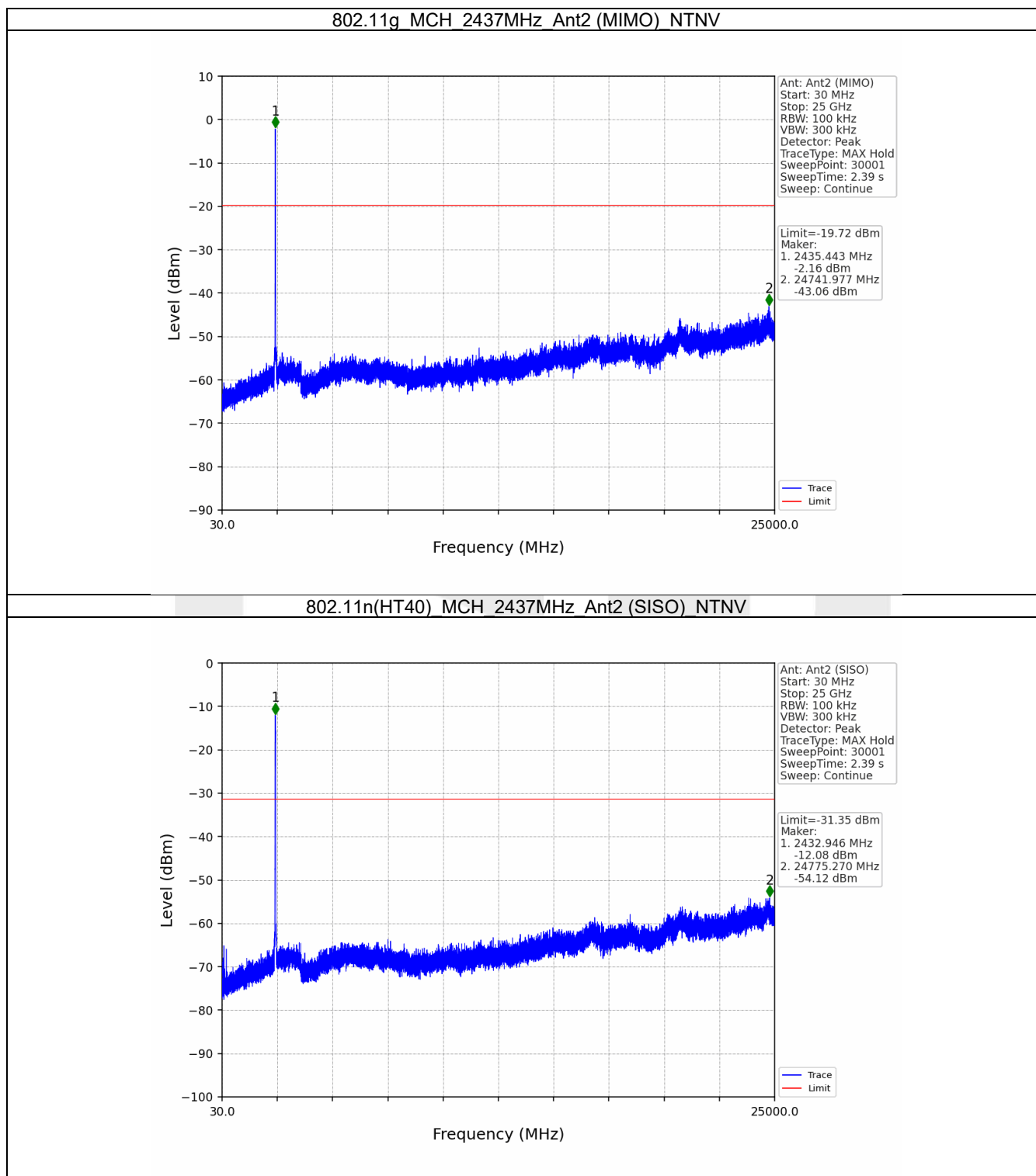


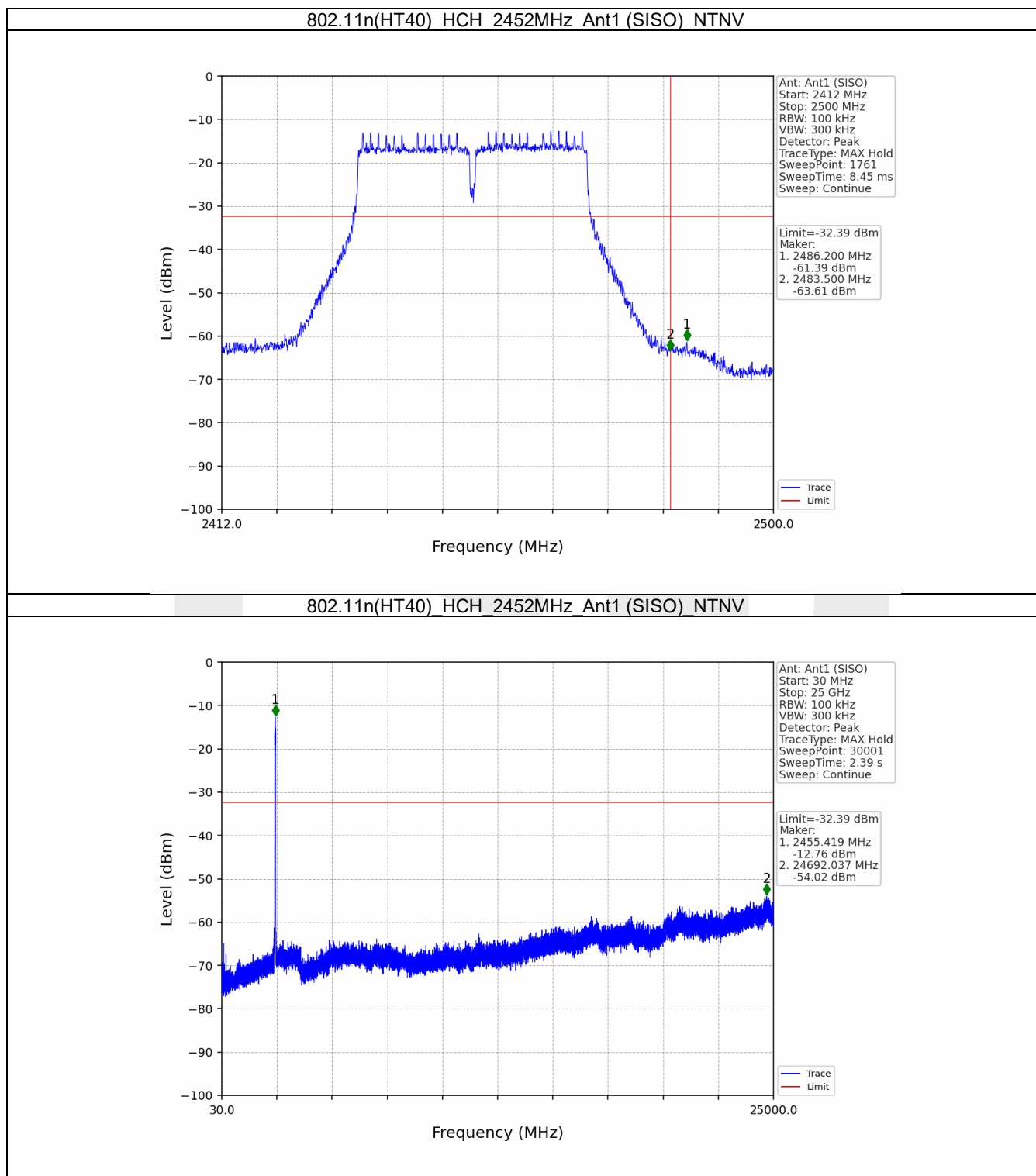


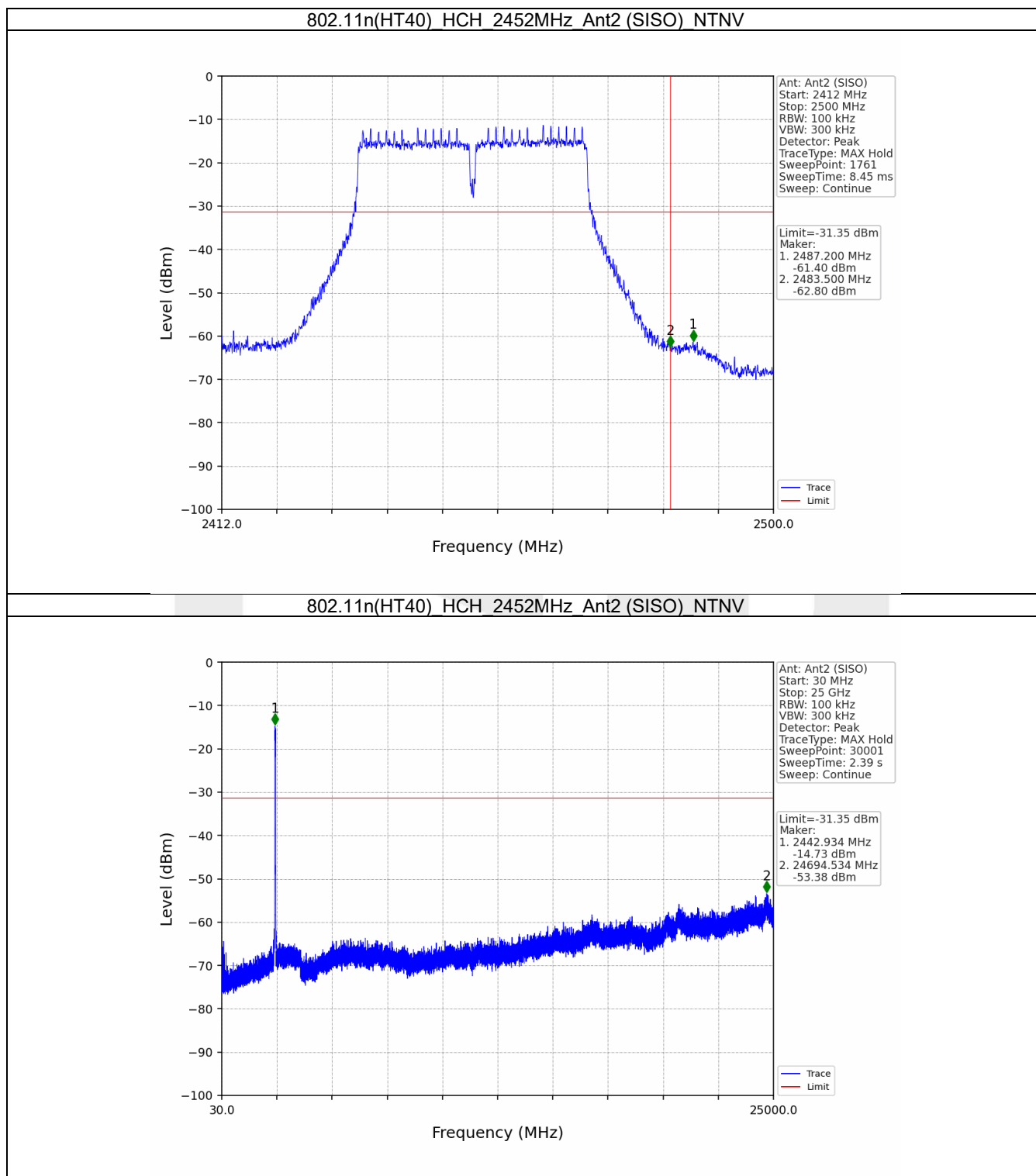










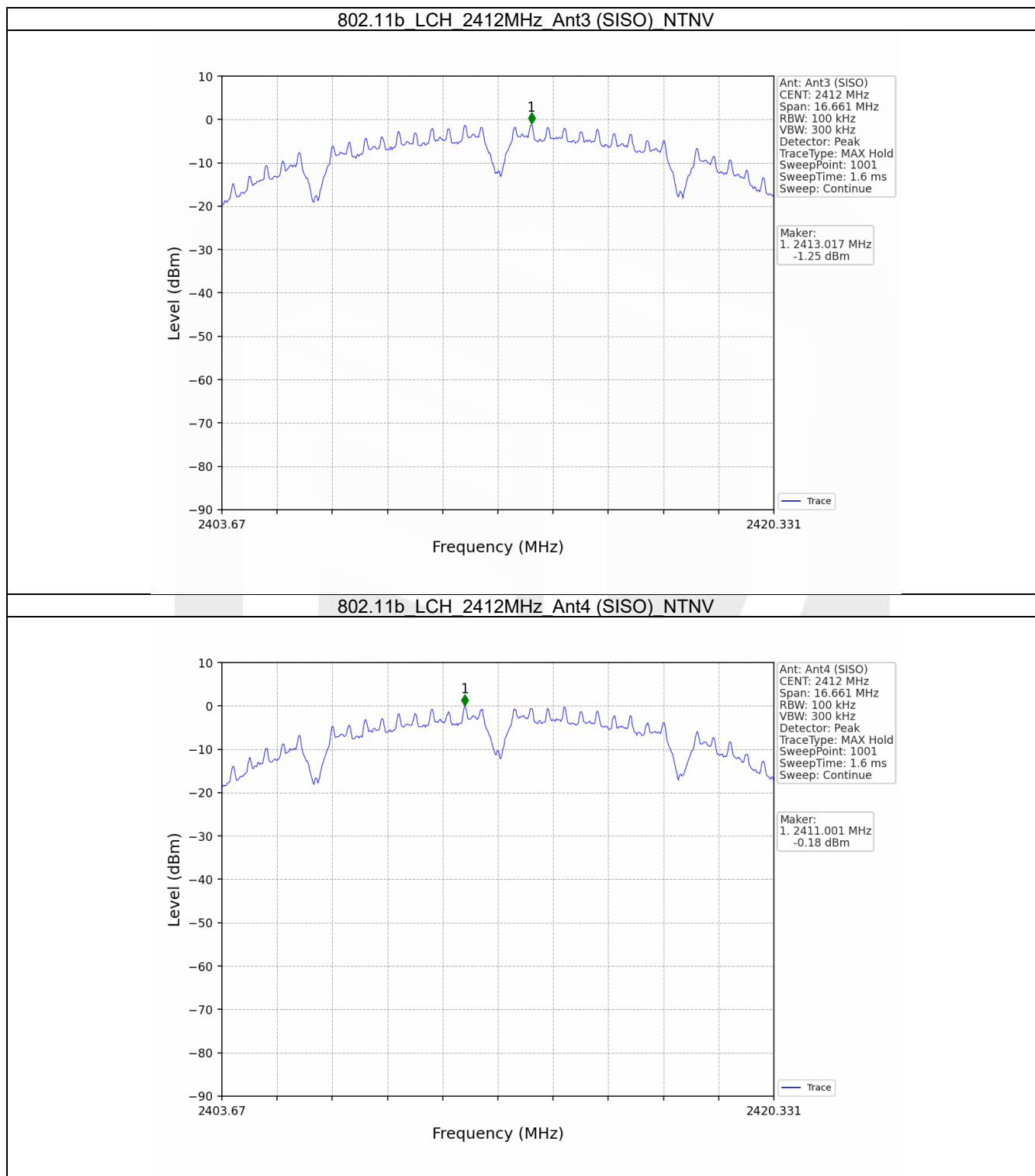


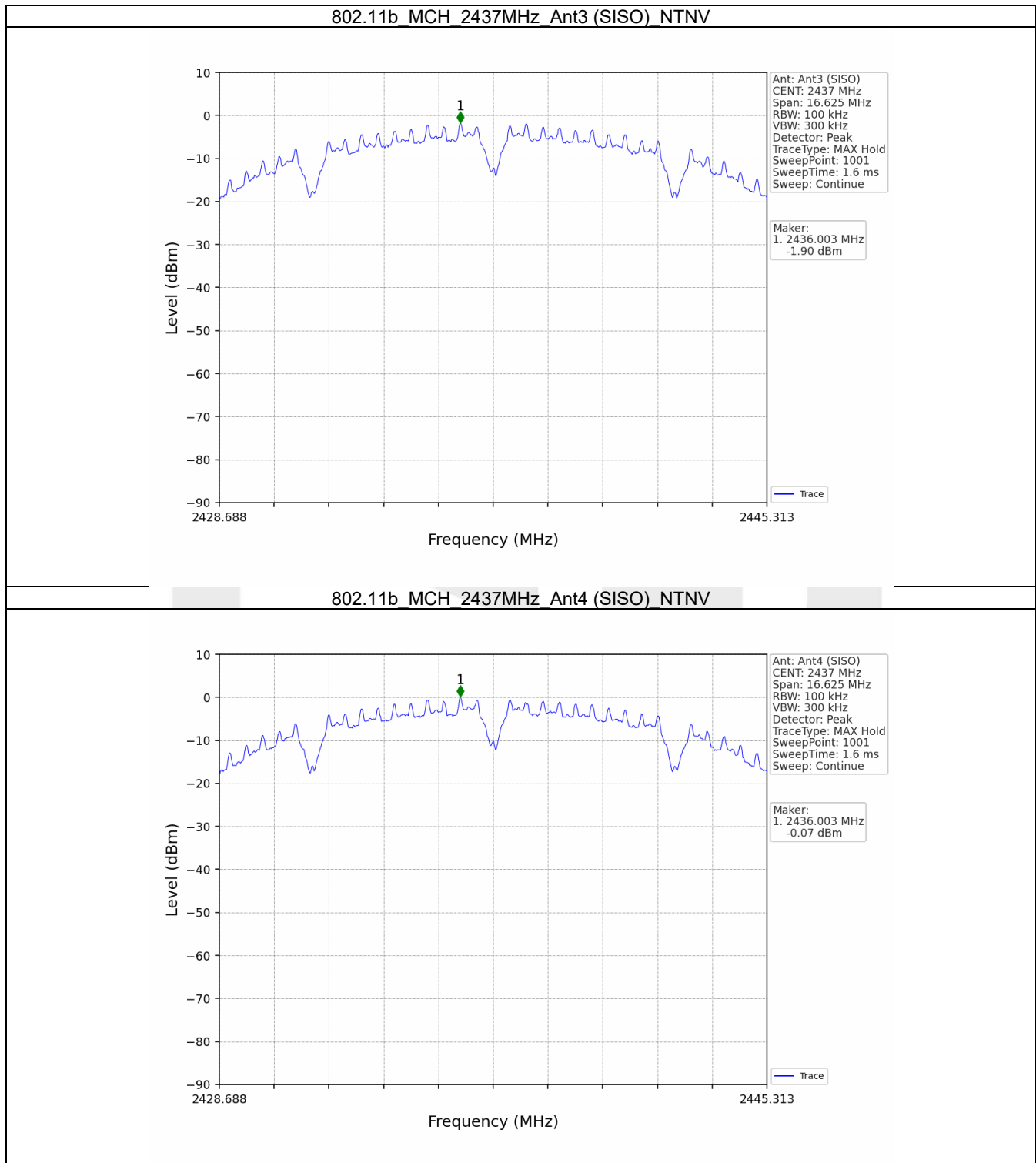
5.2.1 Ref (WiFi Module 2)

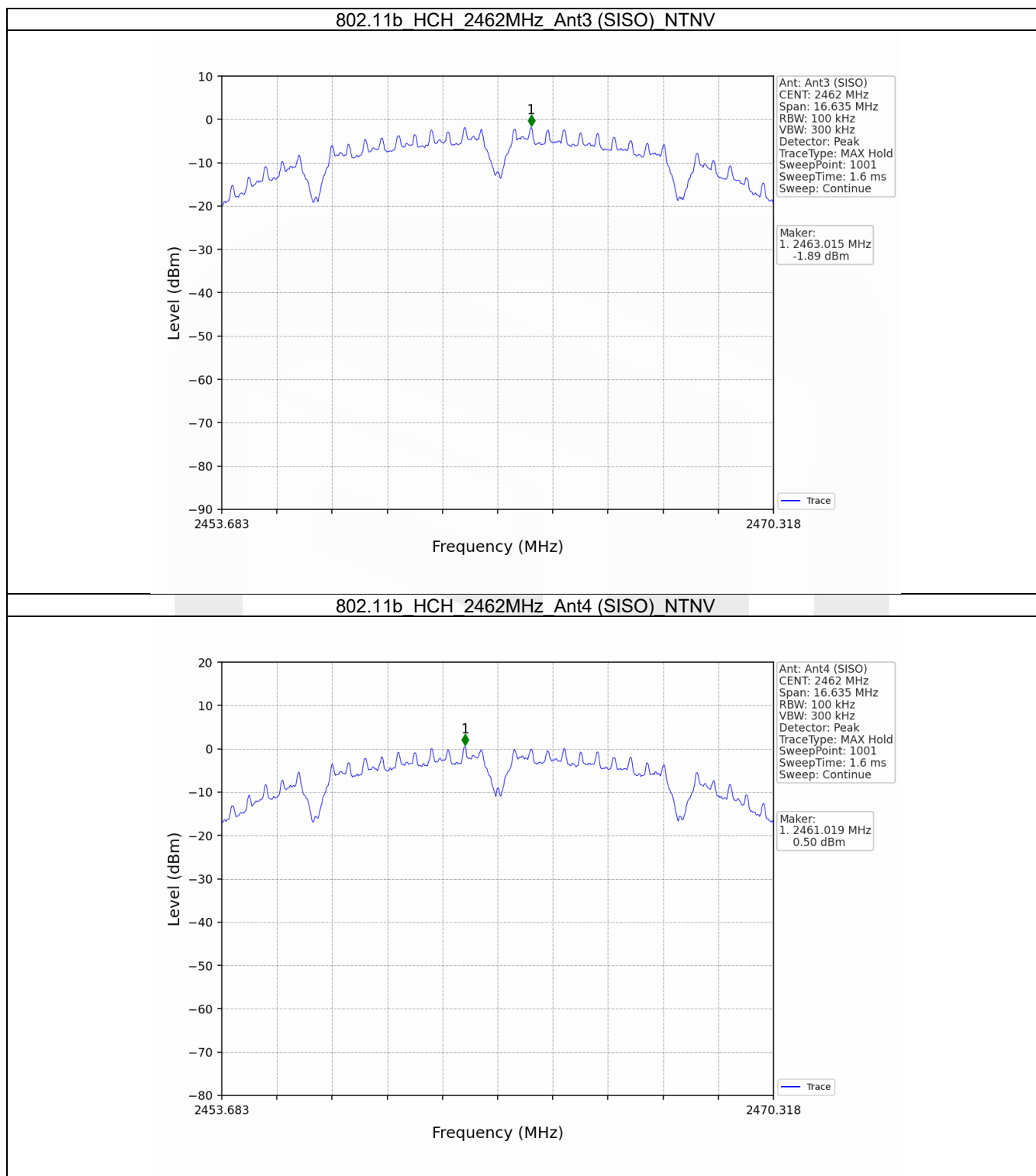
5.2.1.1 Test Result

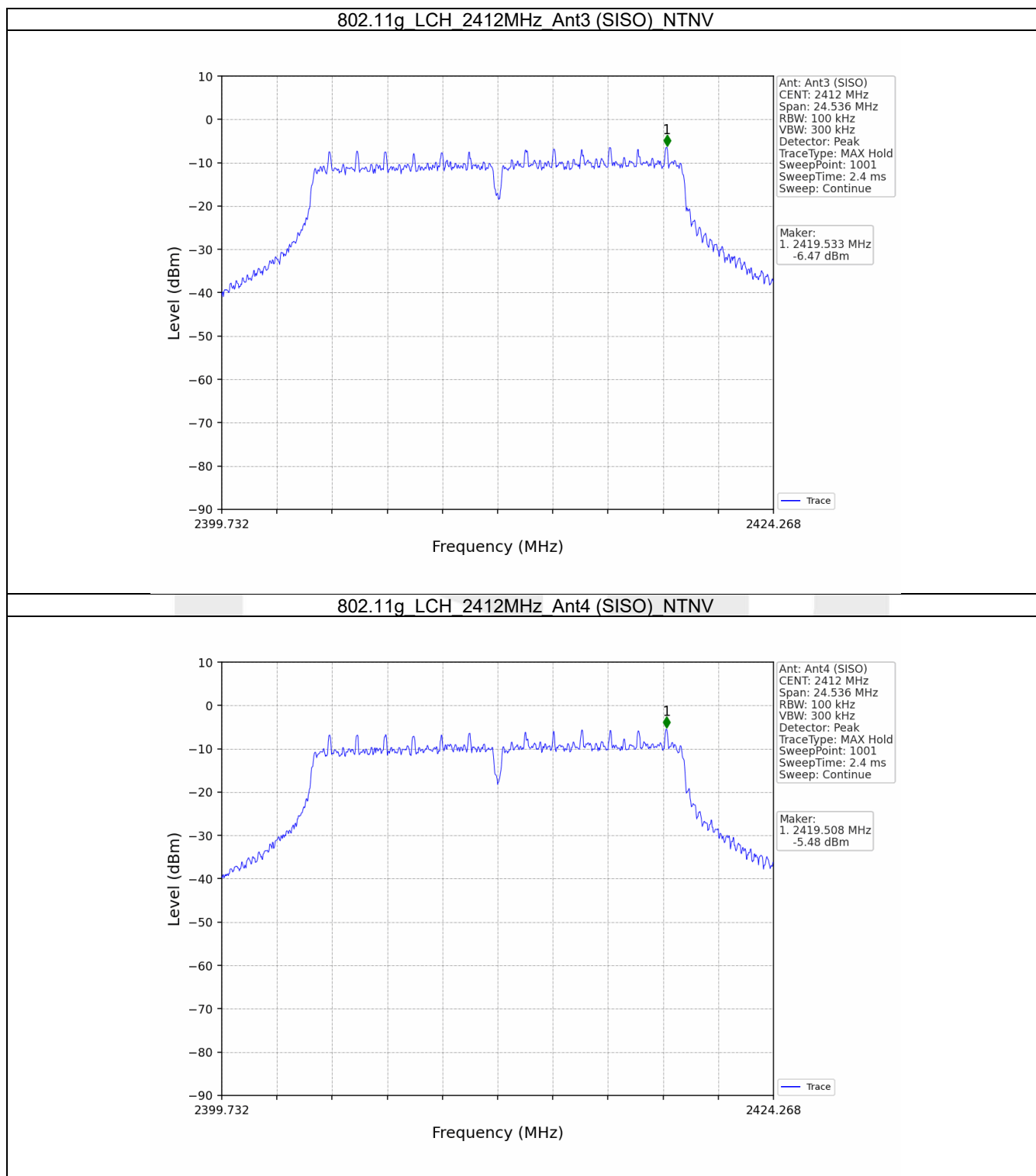
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	3	-1.25
			4	-0.18
		2437	3	-1.90
			4	-0.07
		2462	3	-1.89
			4	0.50
802.11g	SISO	2412	3	-6.47
			4	-5.48
		2437	3	-8.03
			4	-5.87
		2462	3	-7.72
			4	-7.41
802.11n (HT20)	SISO	2412	3	-7.84
			4	-7.08
		2437	3	-8.12
			4	-7.80
		2462	3	-7.90
			4	-7.18
802.11n (HT40)	SISO	2422	3	-12.77
			4	-12.19
		2437	3	-13.12
			4	-12.26
		2452	3	-12.22
			4	-12.19
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.				

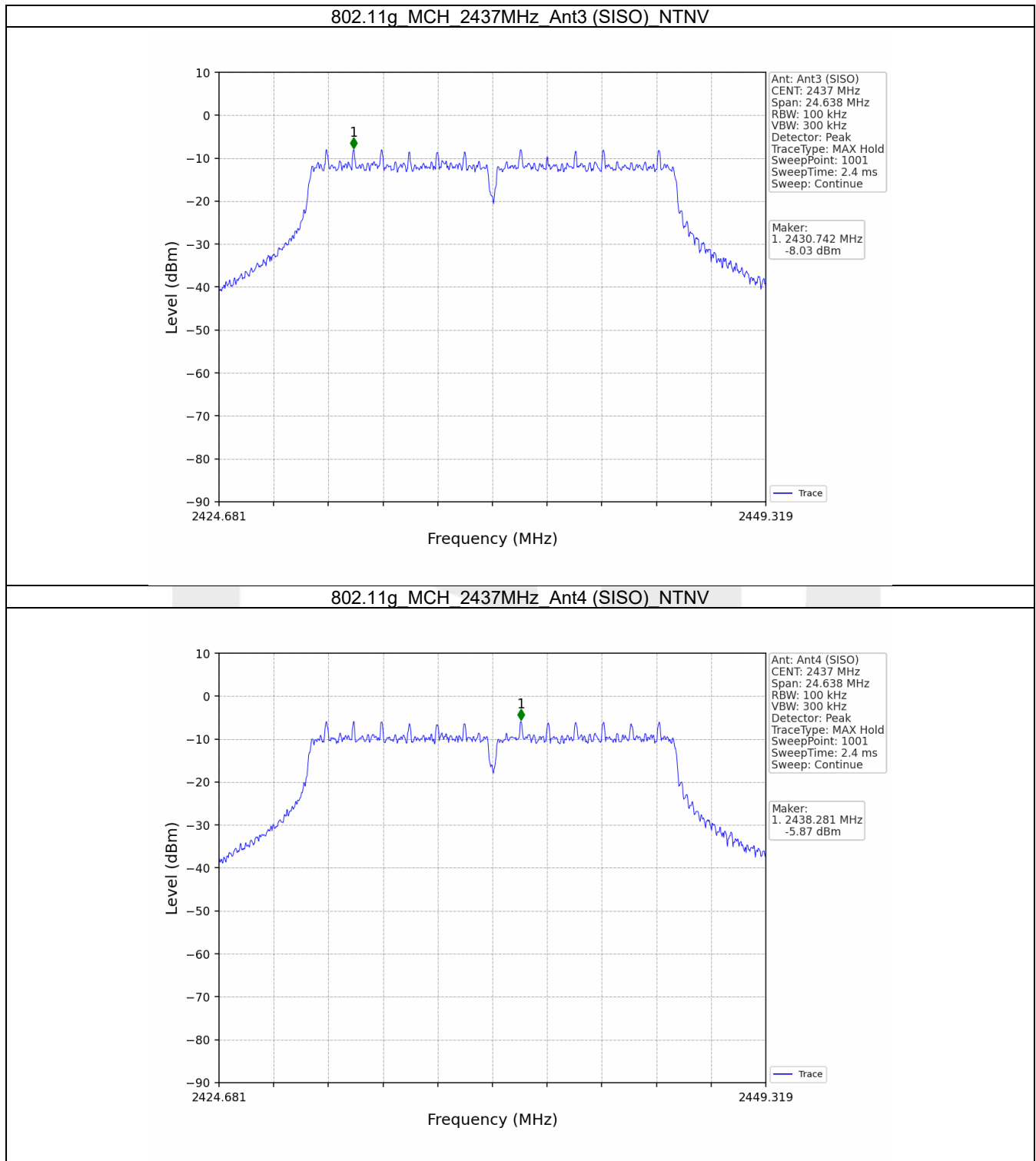
5.2.1.2 Test Graph

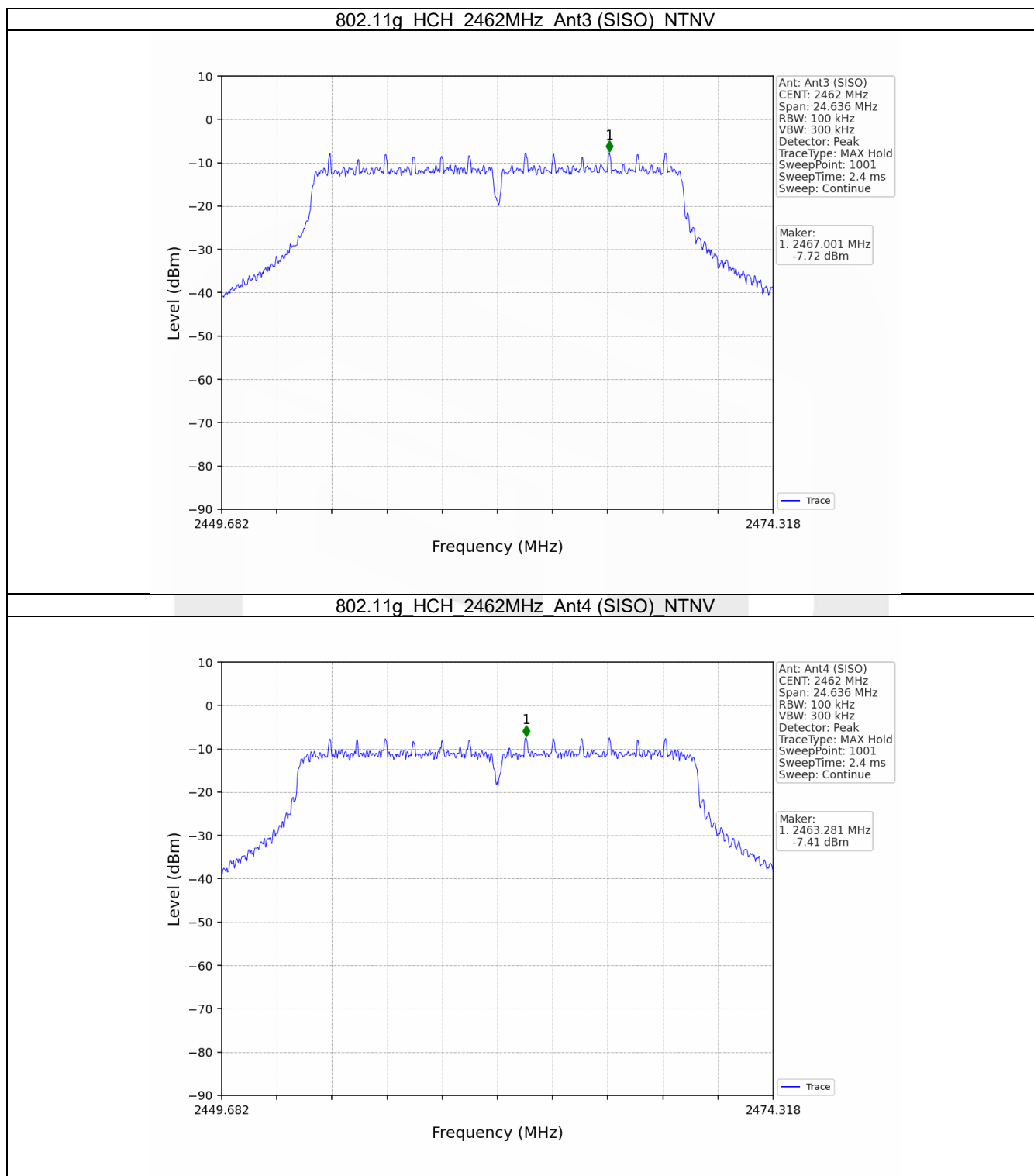


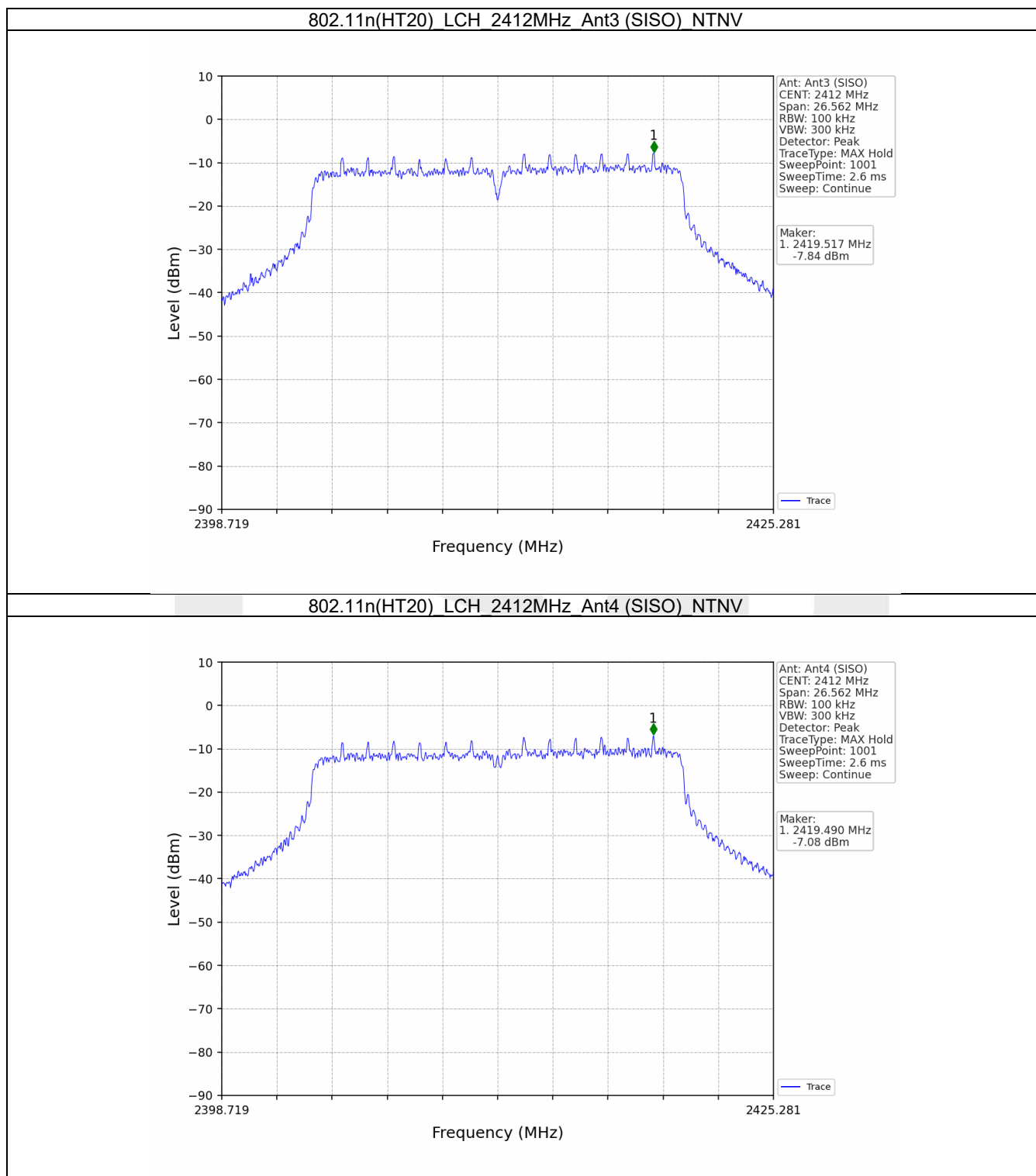


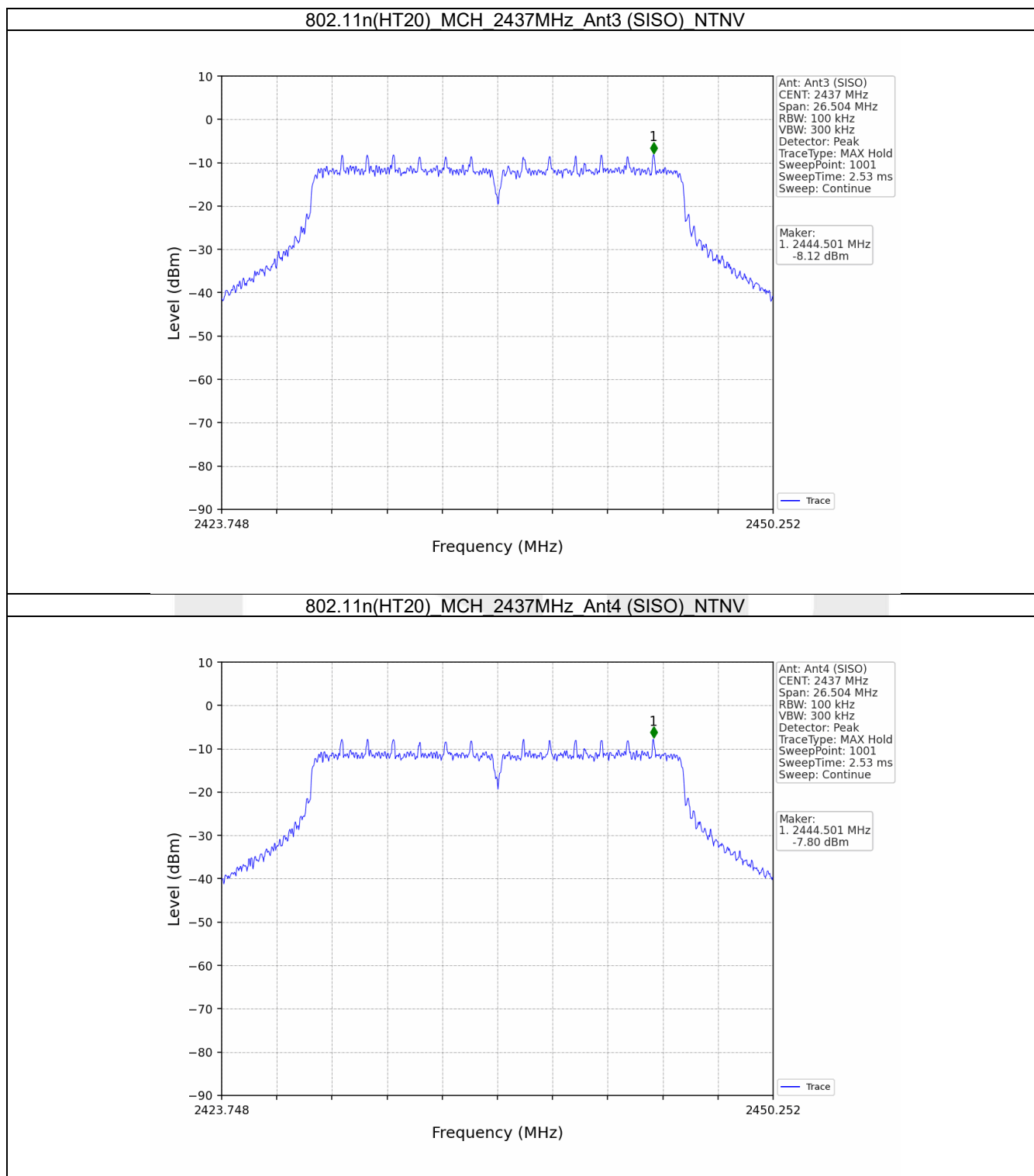


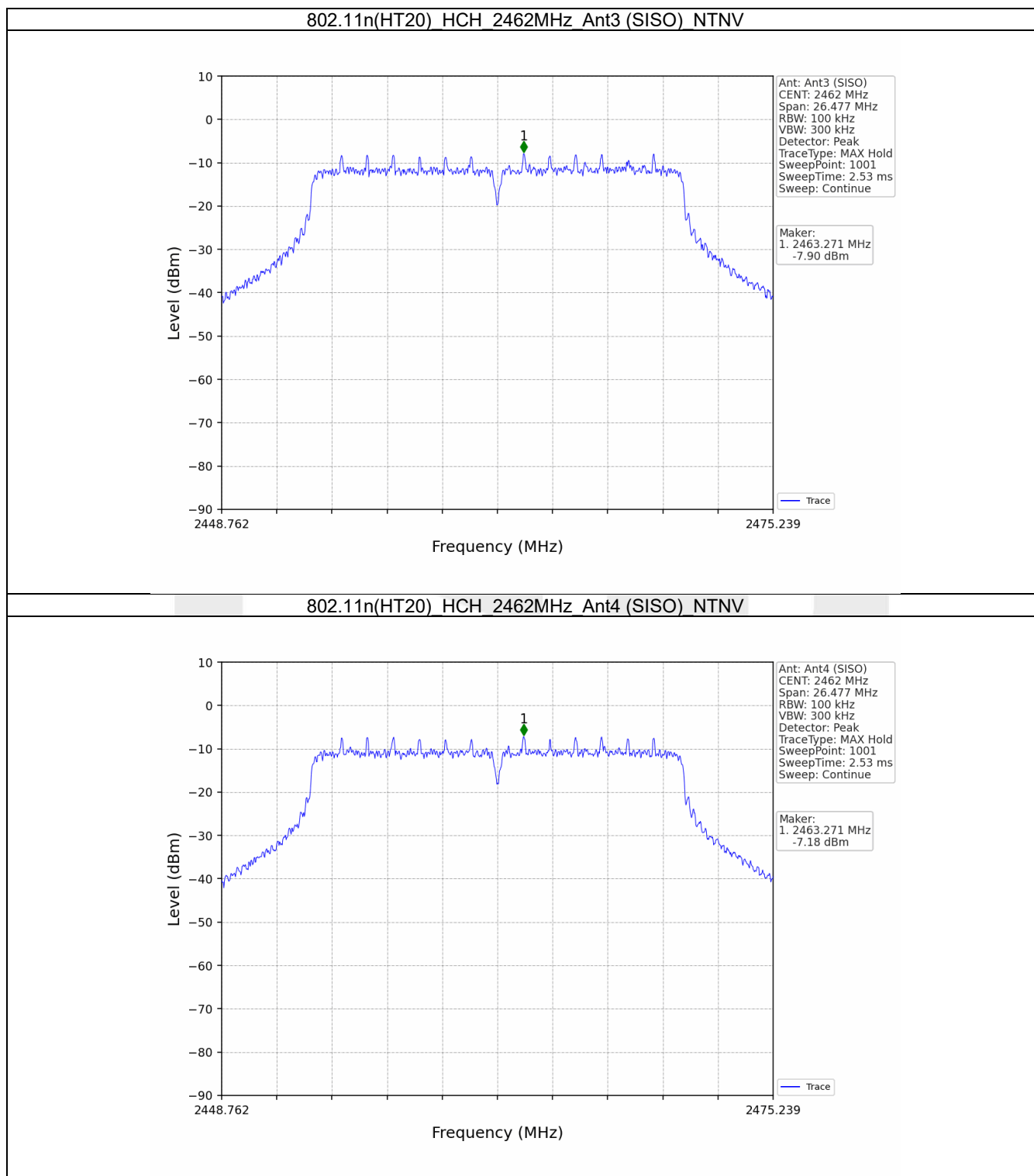


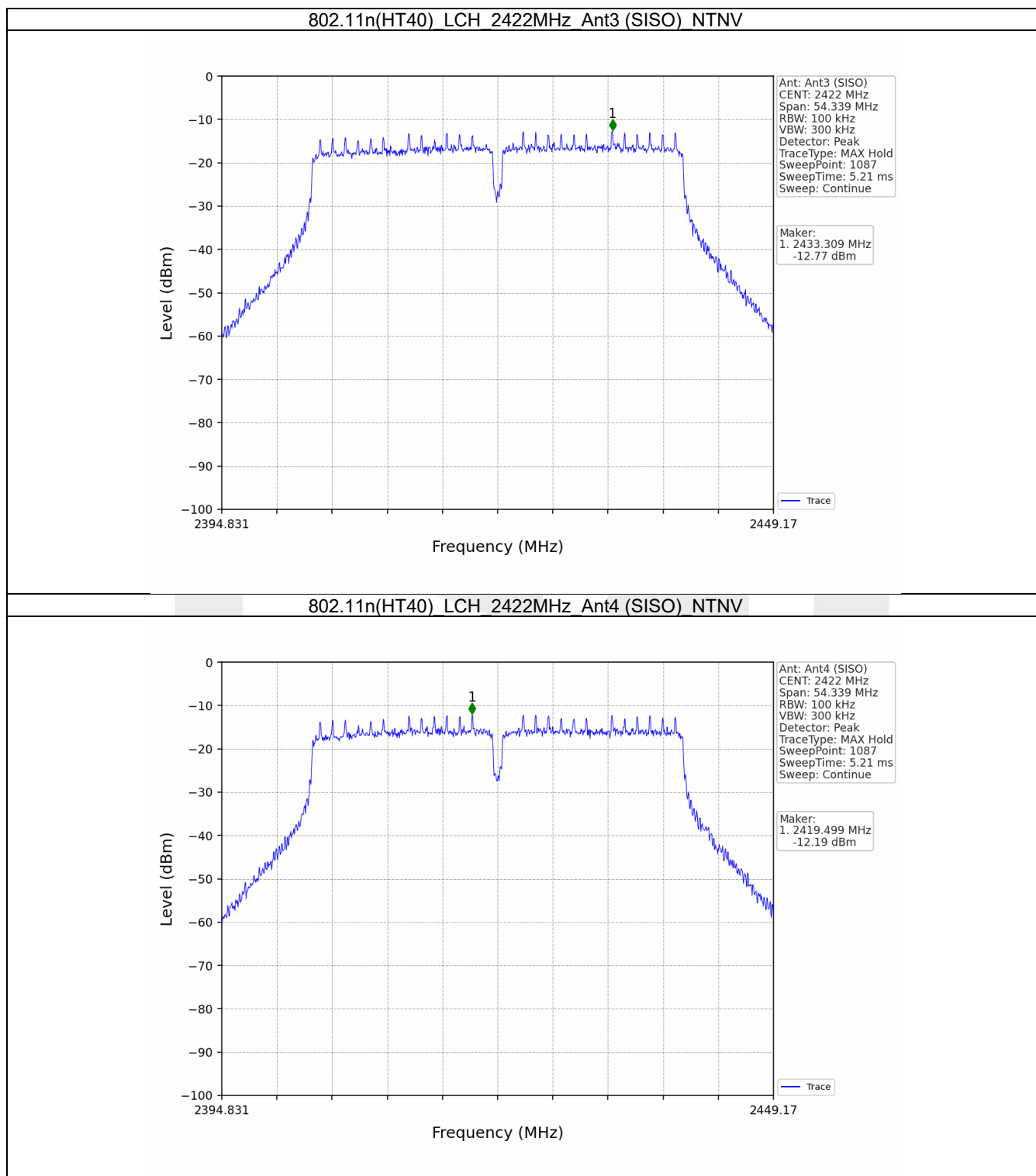


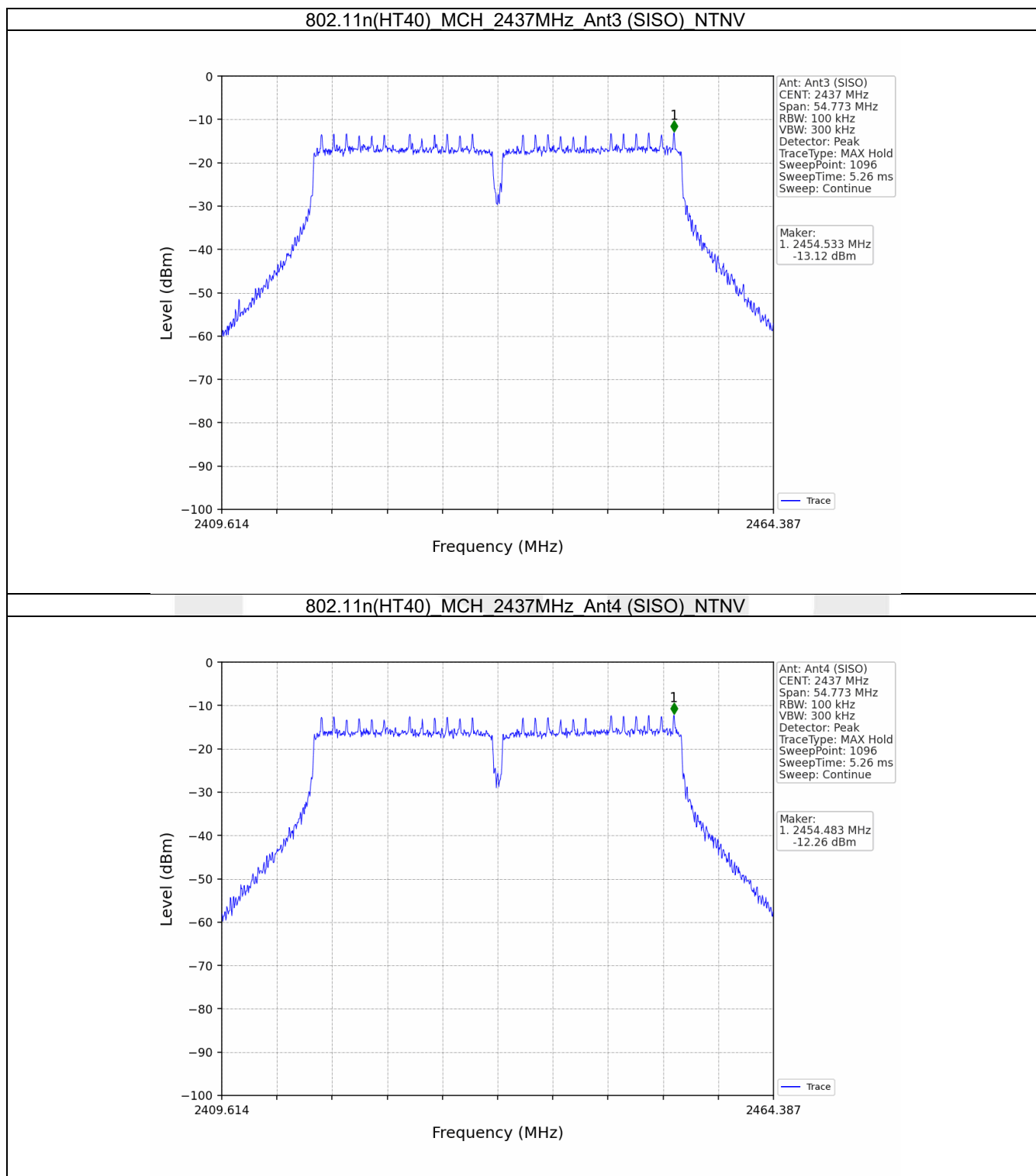


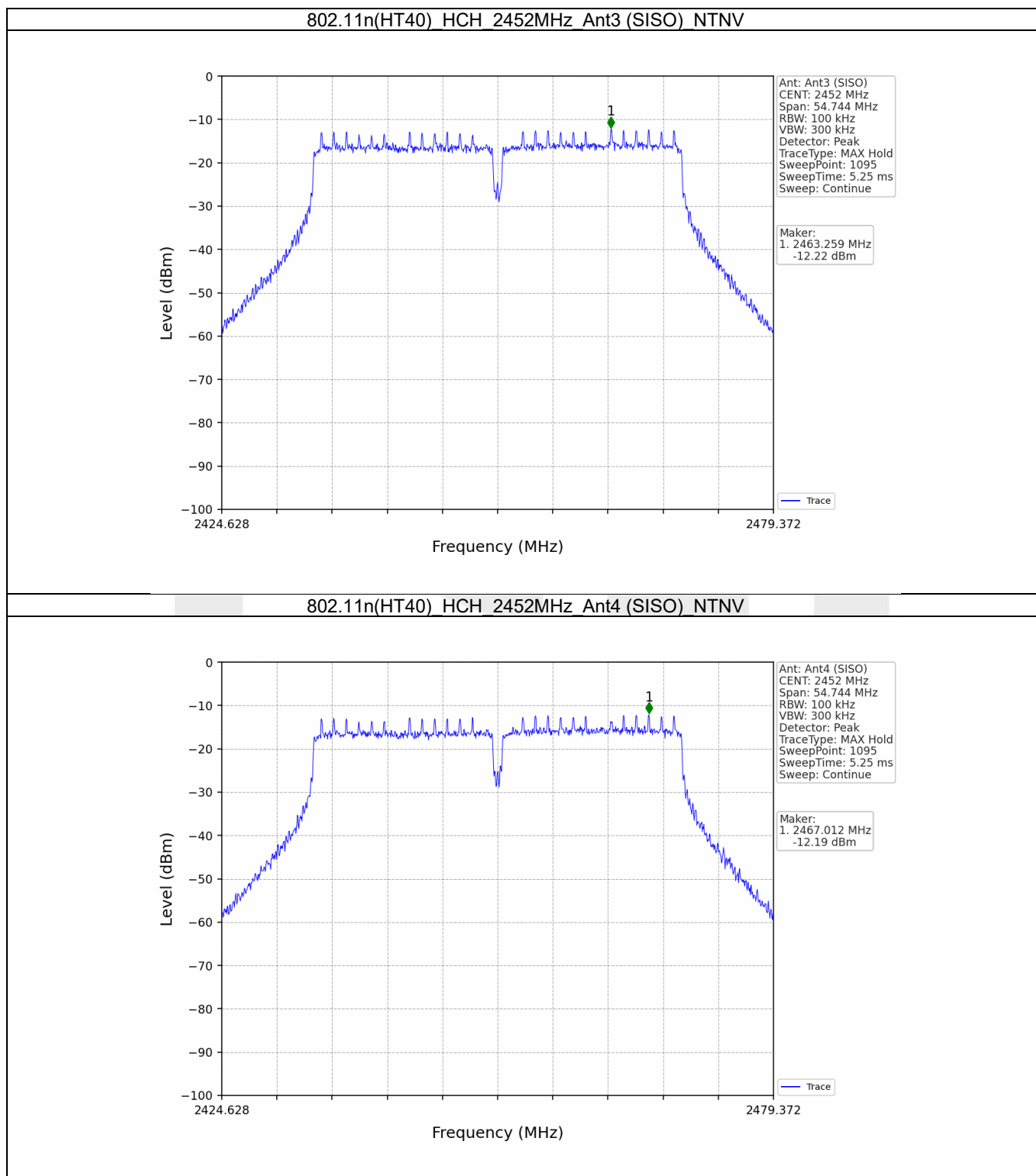










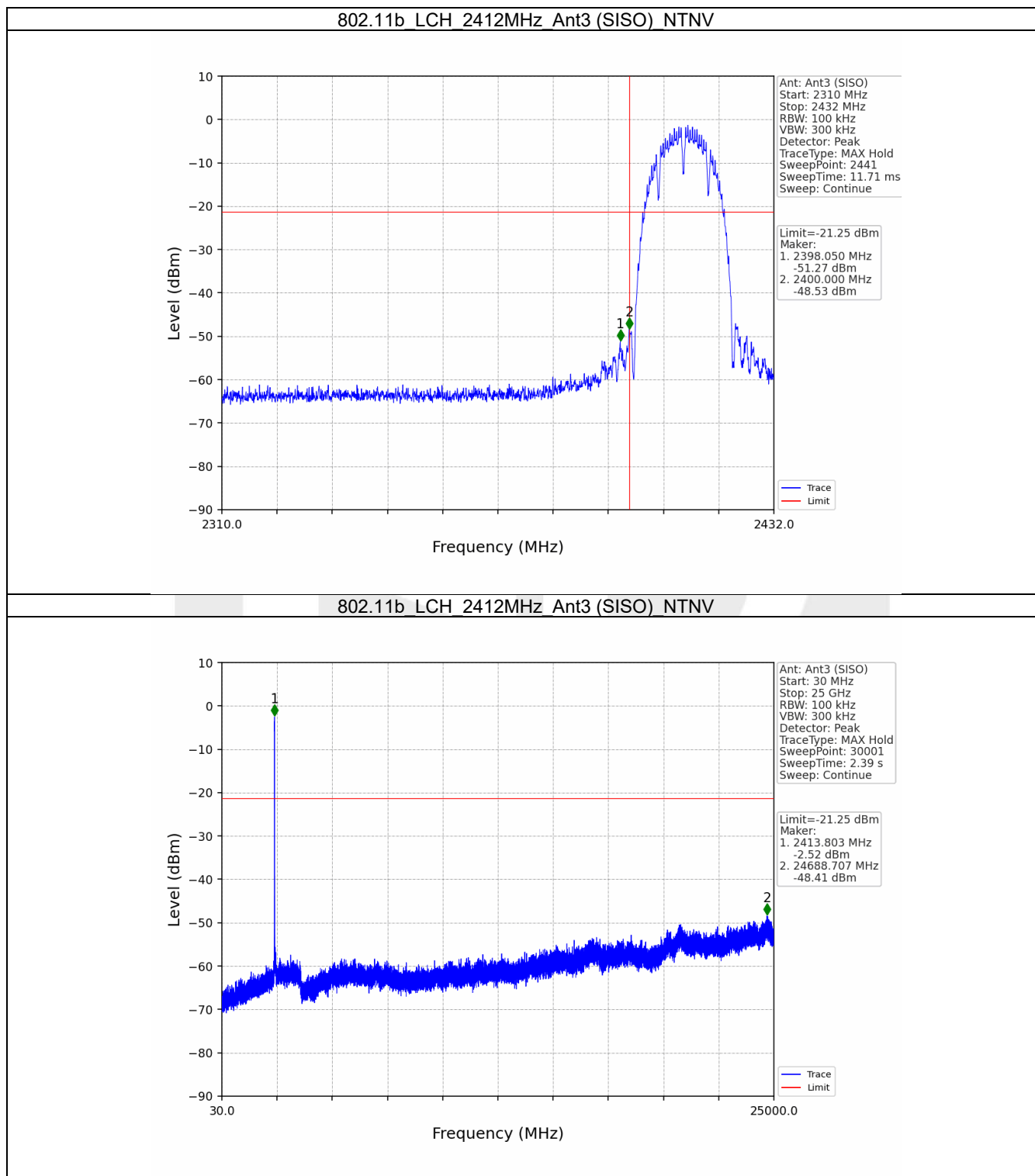


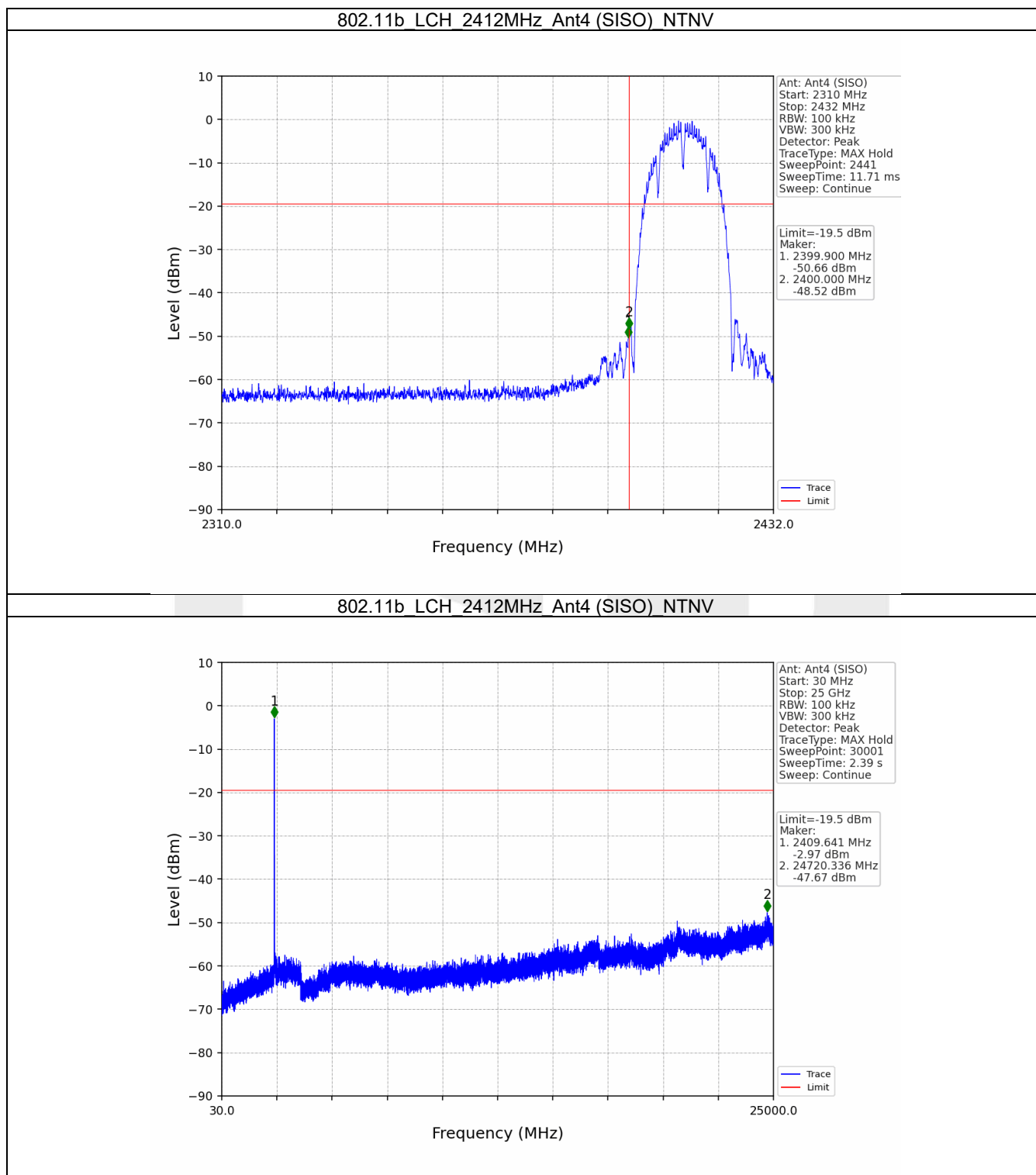
5.2.2 CSE

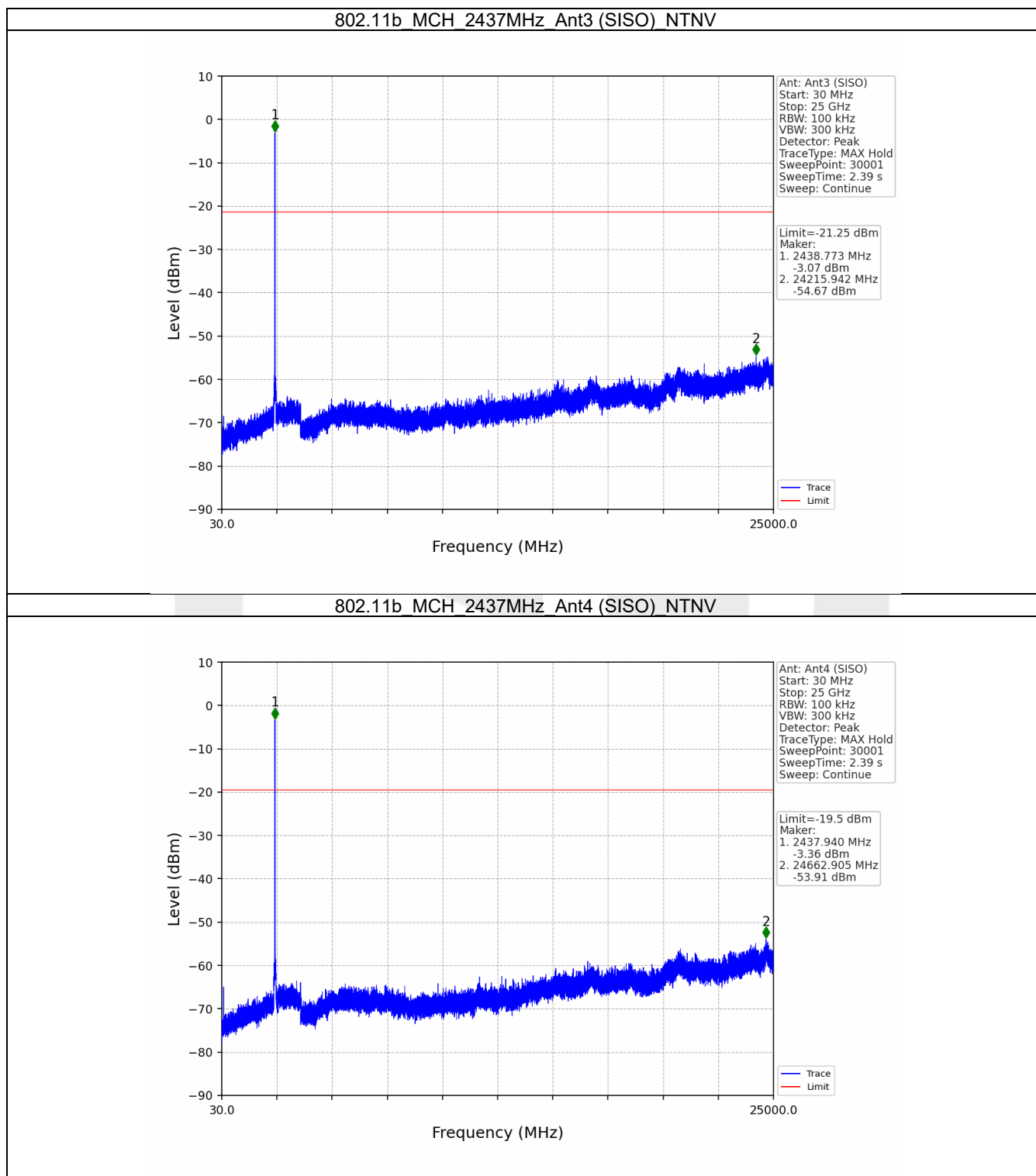
5.2.2.1 Test Result

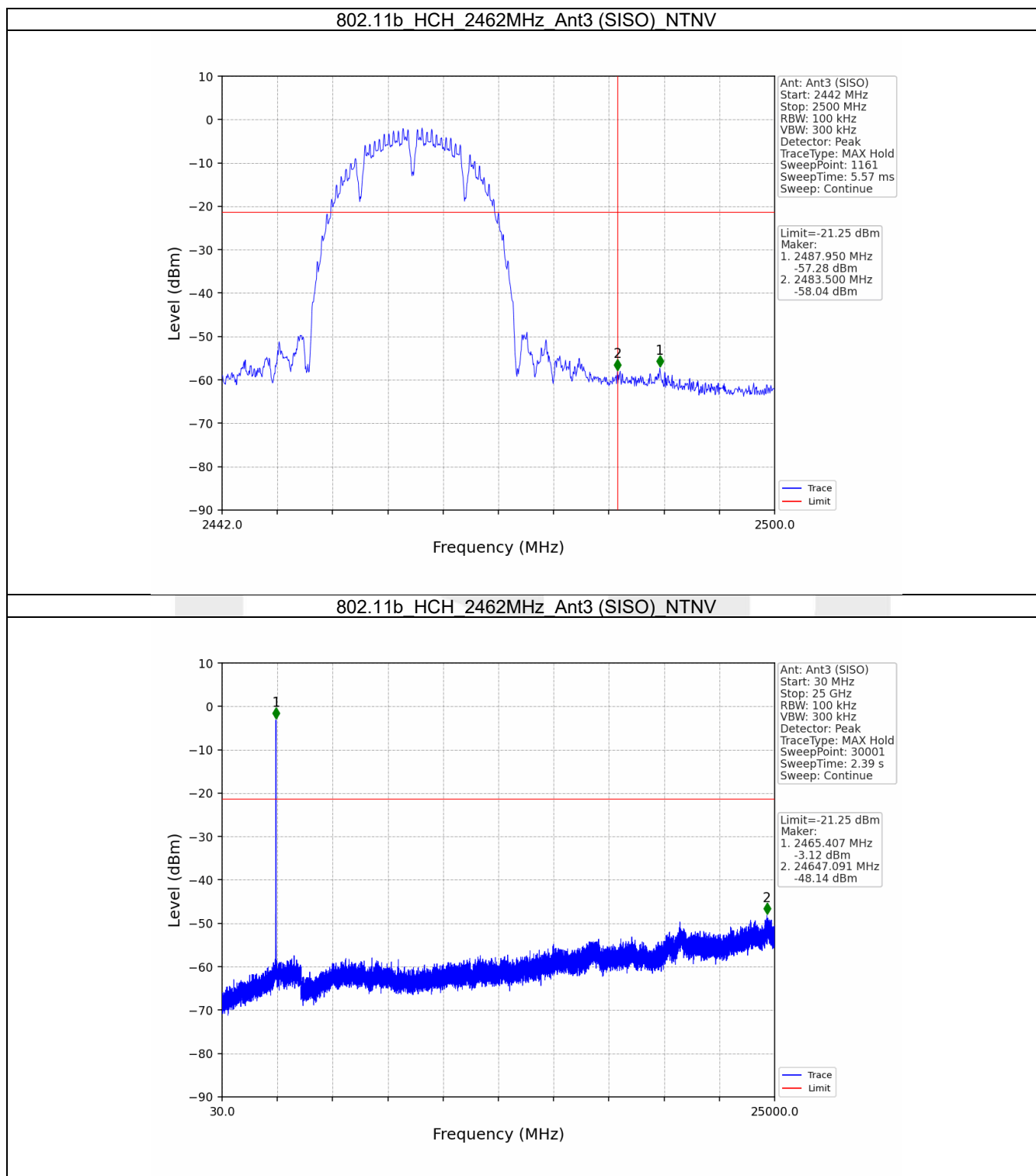
Mode	TX Type		Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	3	-1.25	-21.25	Pass	
			4	0.50	-19.50	Pass	
		2437	3	-1.25	-21.25	Pass	
			4	0.50	-19.50	Pass	
		2462	3	-1.25	-21.25	Pass	
			4	0.50	-19.50	Pass	
802.11g	SISO	2412	3	-6.47	-26.47	Pass	
			4	-5.48	-25.48	Pass	
		2437	3	-6.47	-26.47	Pass	
			4	-5.48	-25.48	Pass	
		2462	3	-6.47	-26.47	Pass	
			4	-5.48	-25.48	Pass	
802.11n (HT20)	SISO	2412	3	-7.84	-27.84	Pass	
			4	-7.08	-27.08	Pass	
		2437	3	-7.84	-27.84	Pass	
			4	-7.08	-27.08	Pass	
		2462	3	-7.84	-27.84	Pass	
			4	-7.08	-27.08	Pass	
802.11n (HT40)	SISO	2422	3	-12.22	-32.22	Pass	
			4	-12.19	-32.19	Pass	
		2437	3	-12.22	-32.22	Pass	
			4	-12.19	-32.19	Pass	
		2452	3	-12.22	-32.22	Pass	
			4	-12.19	-32.19	Pass	
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.							

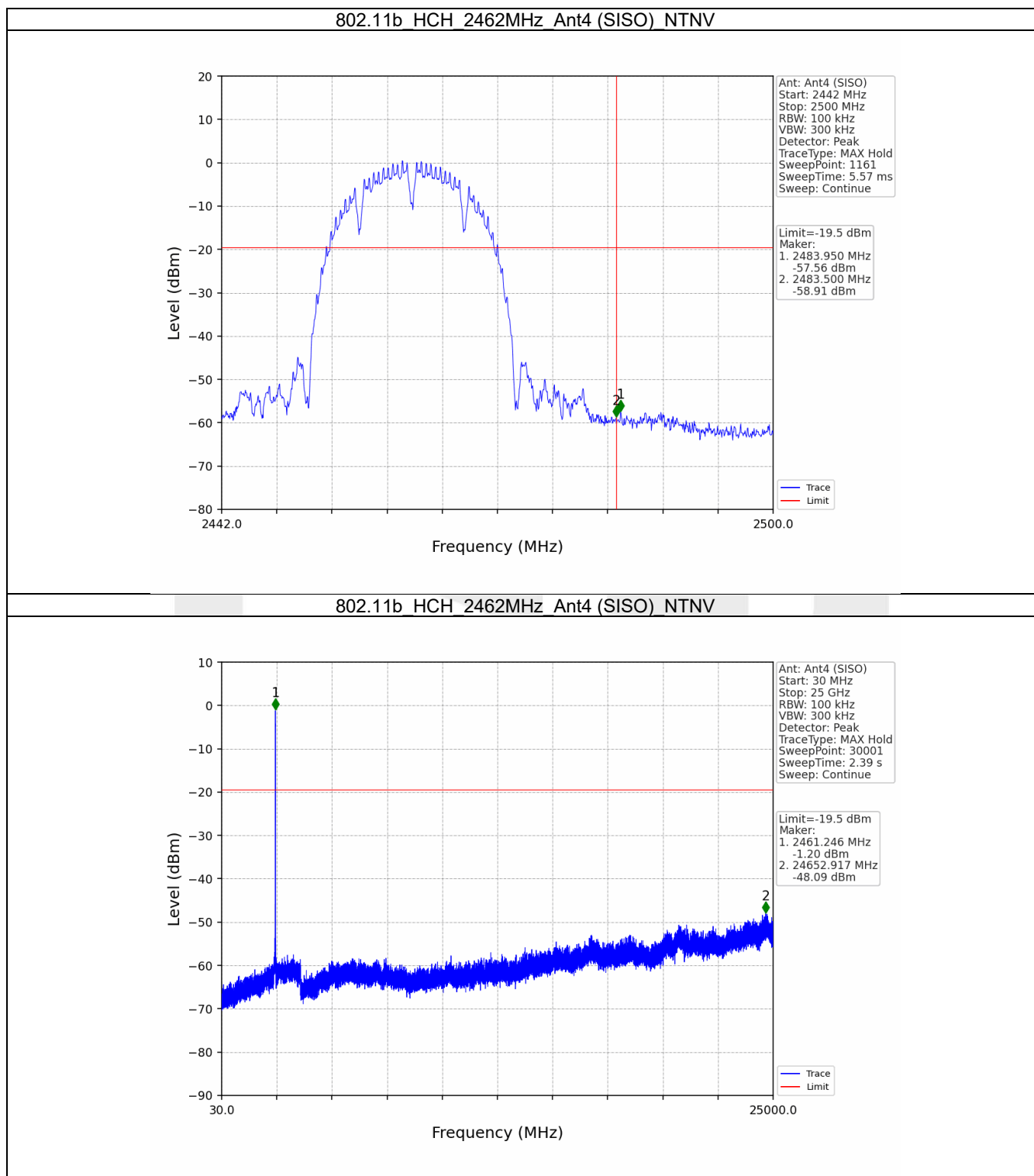
5.2.2.2 Test Graph

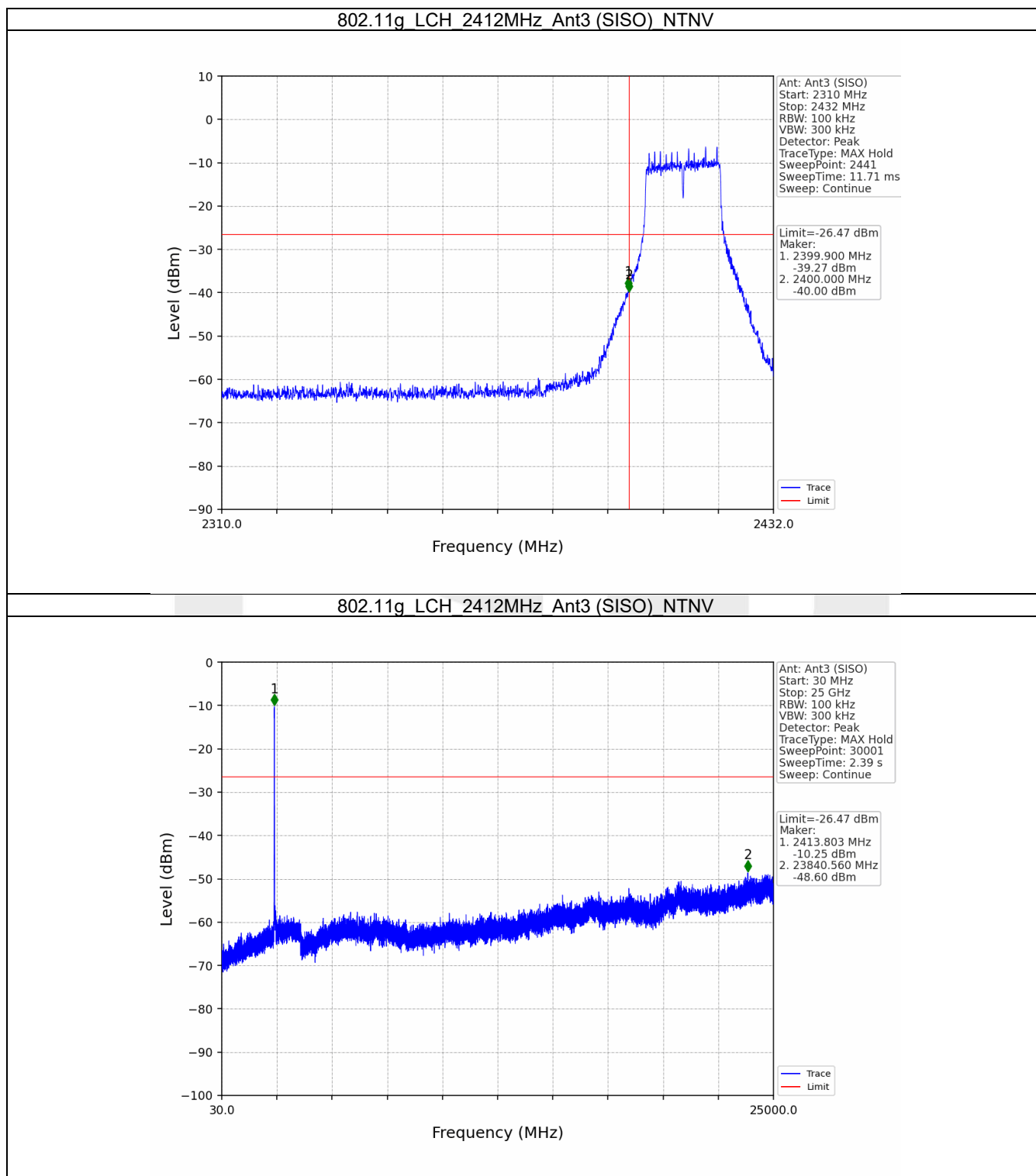


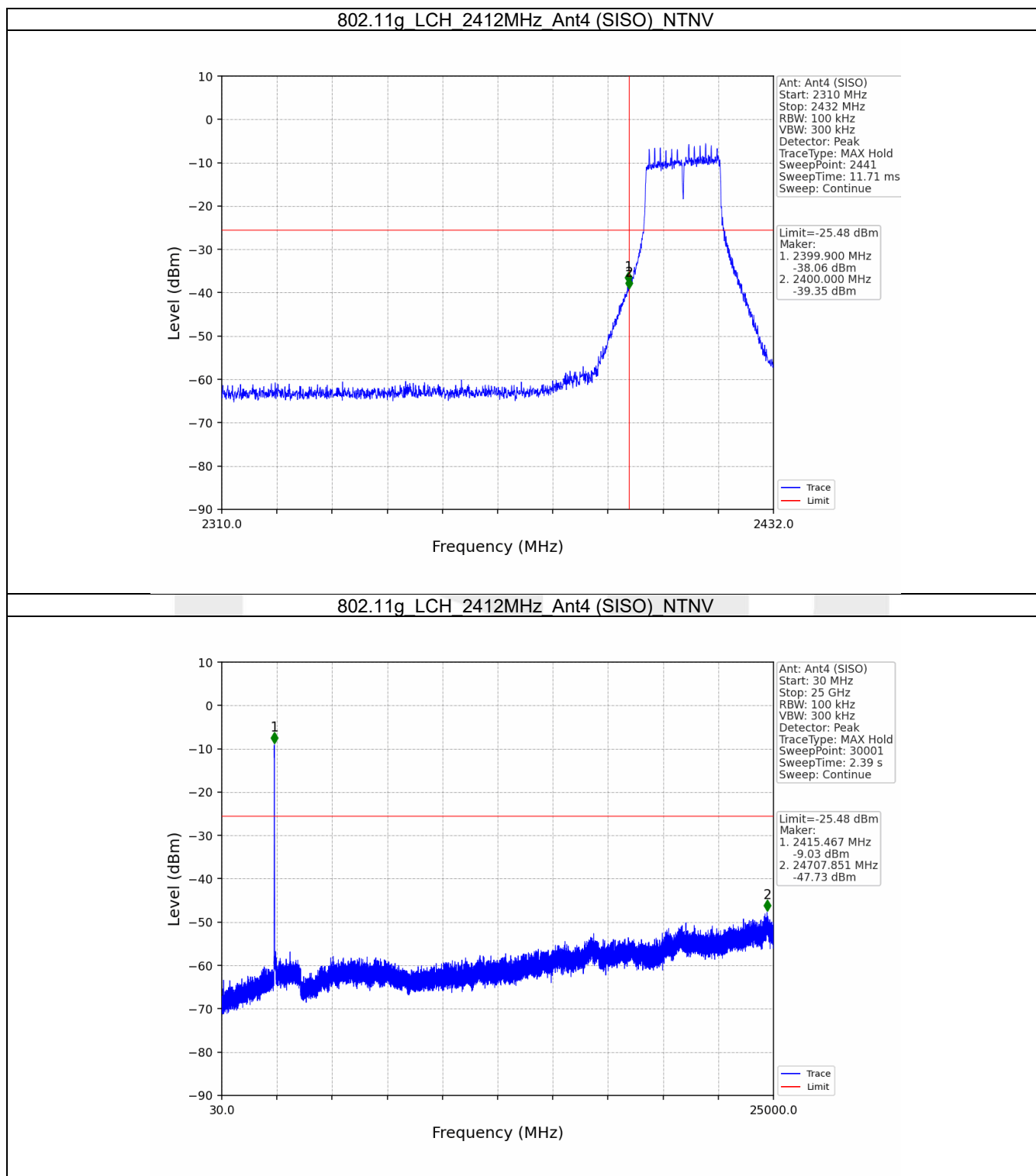


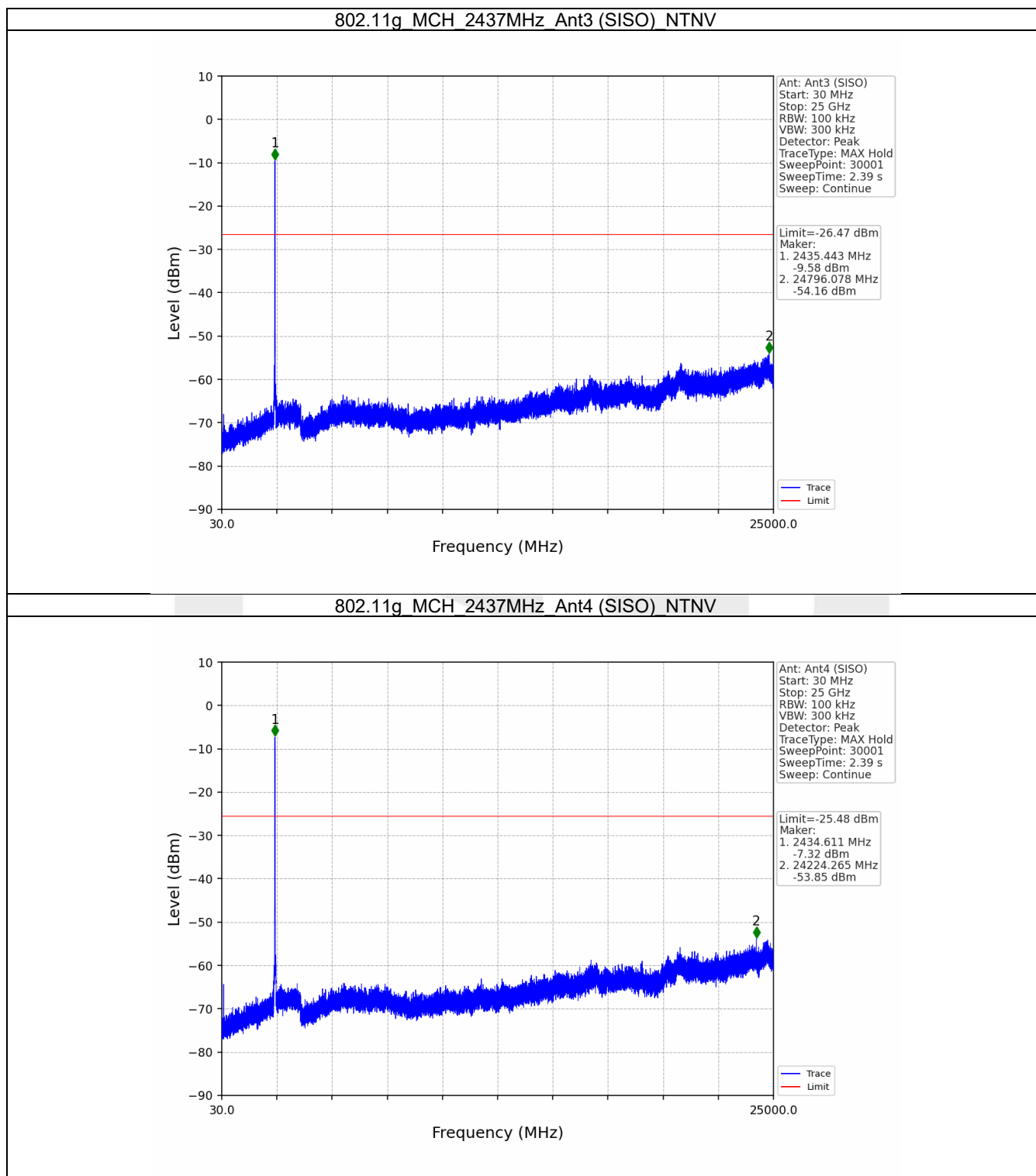


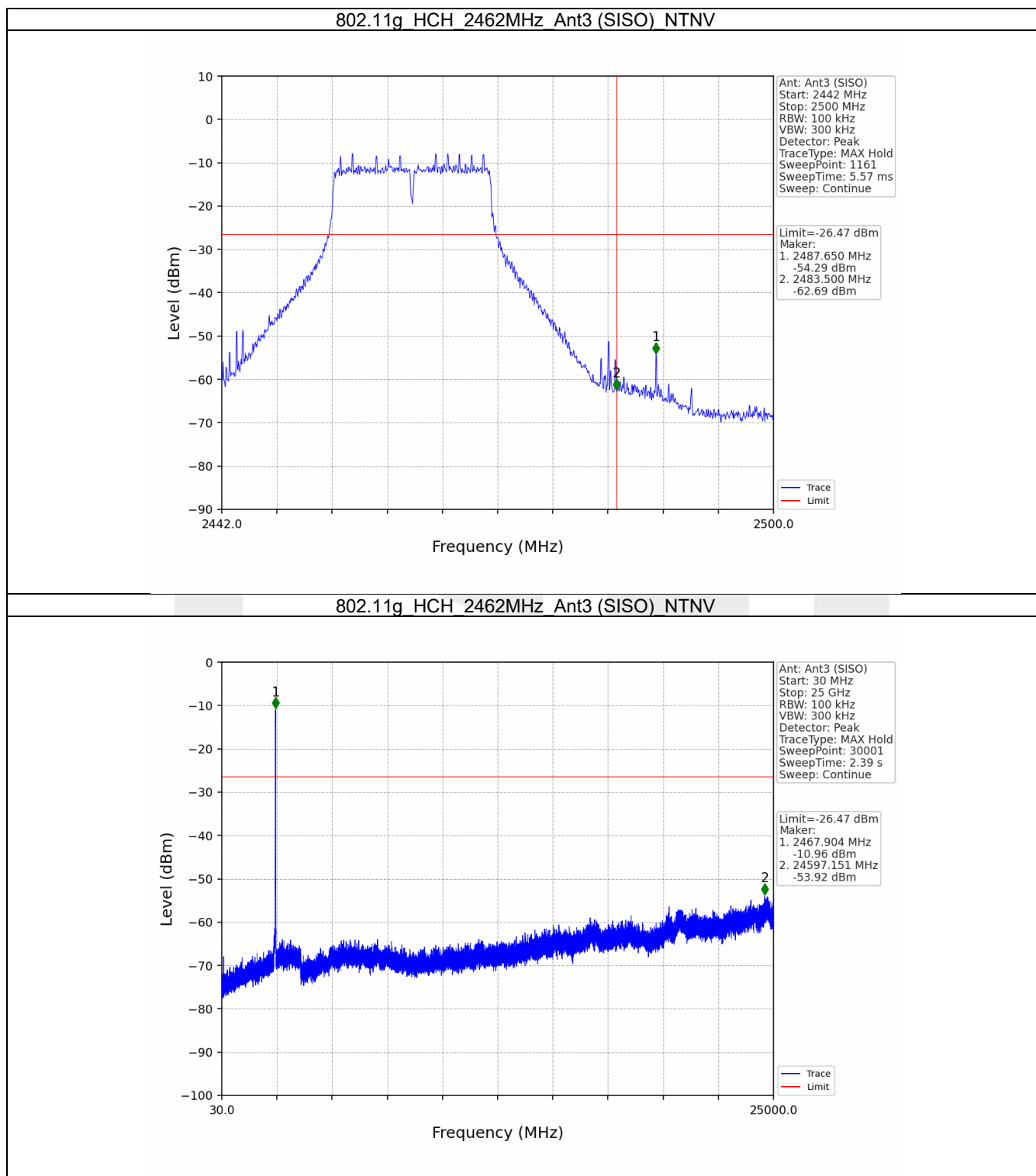


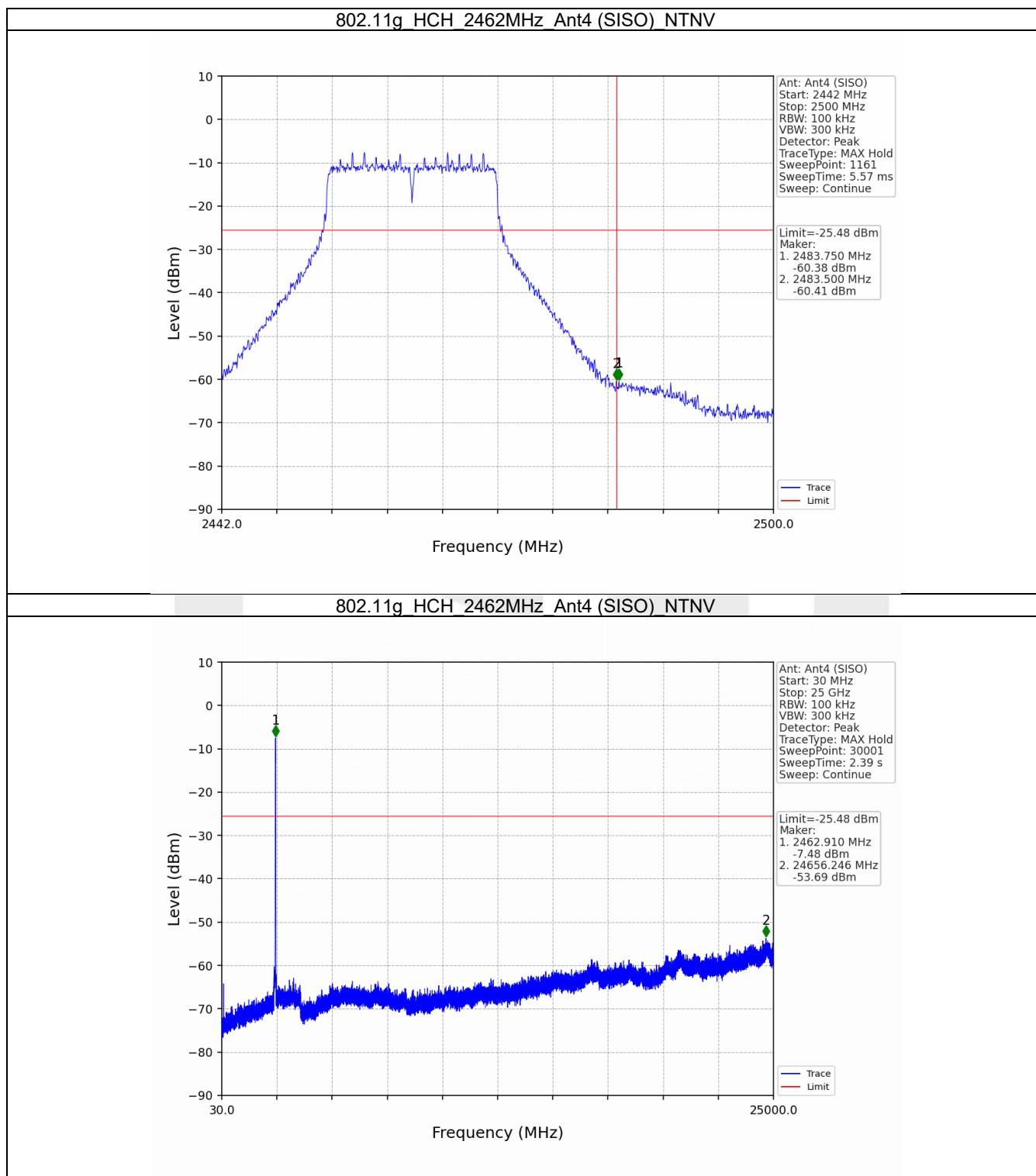


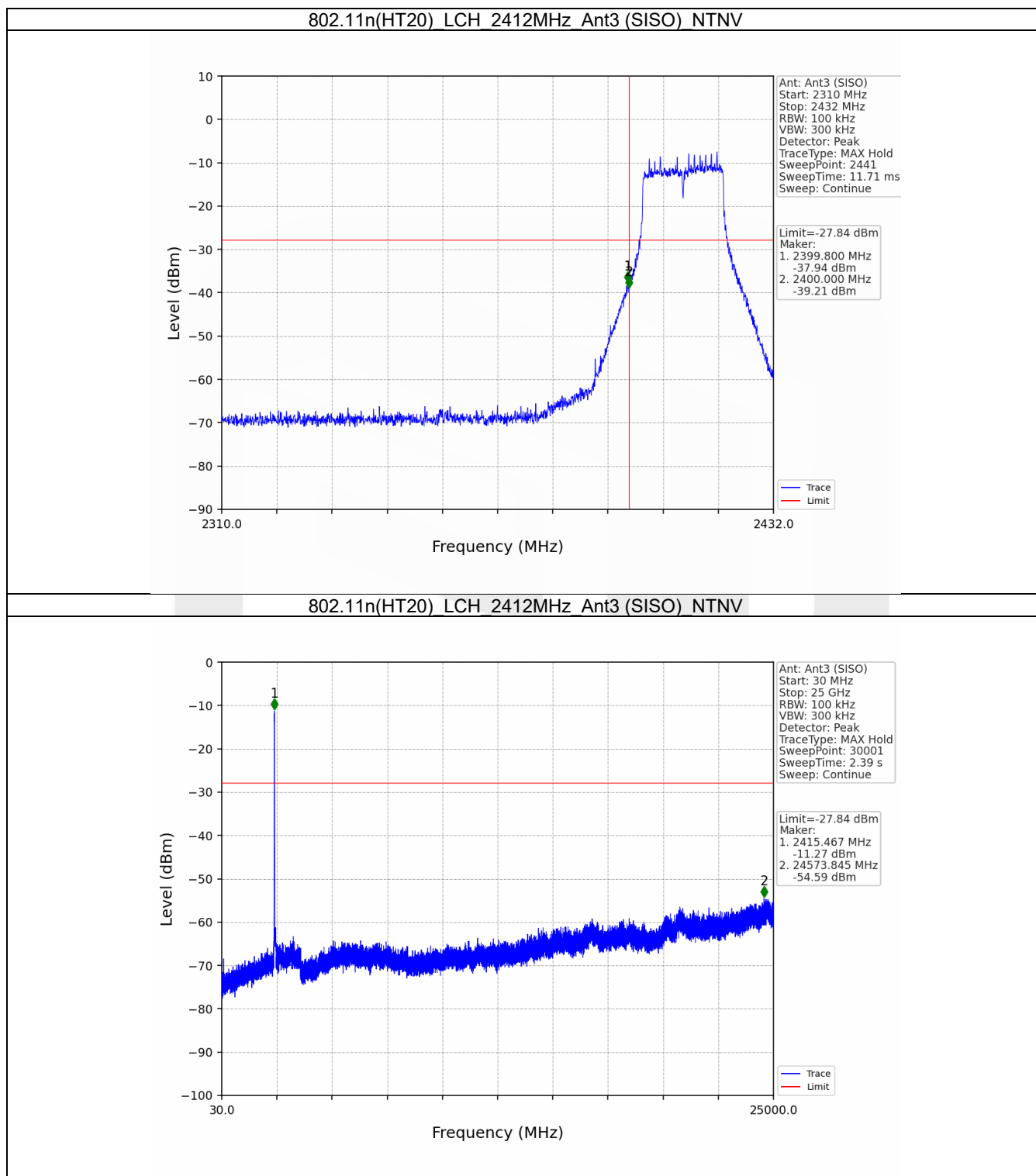


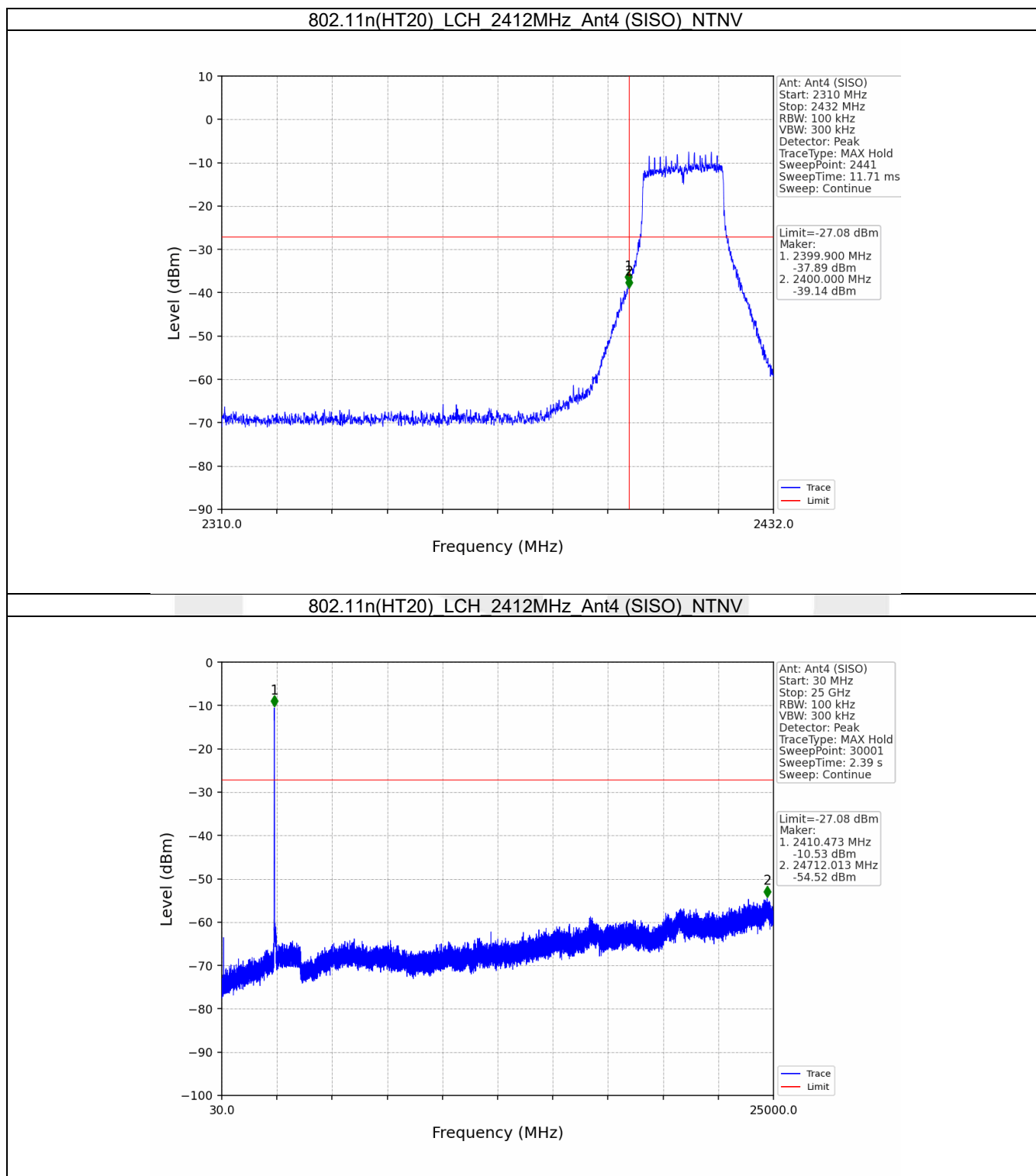


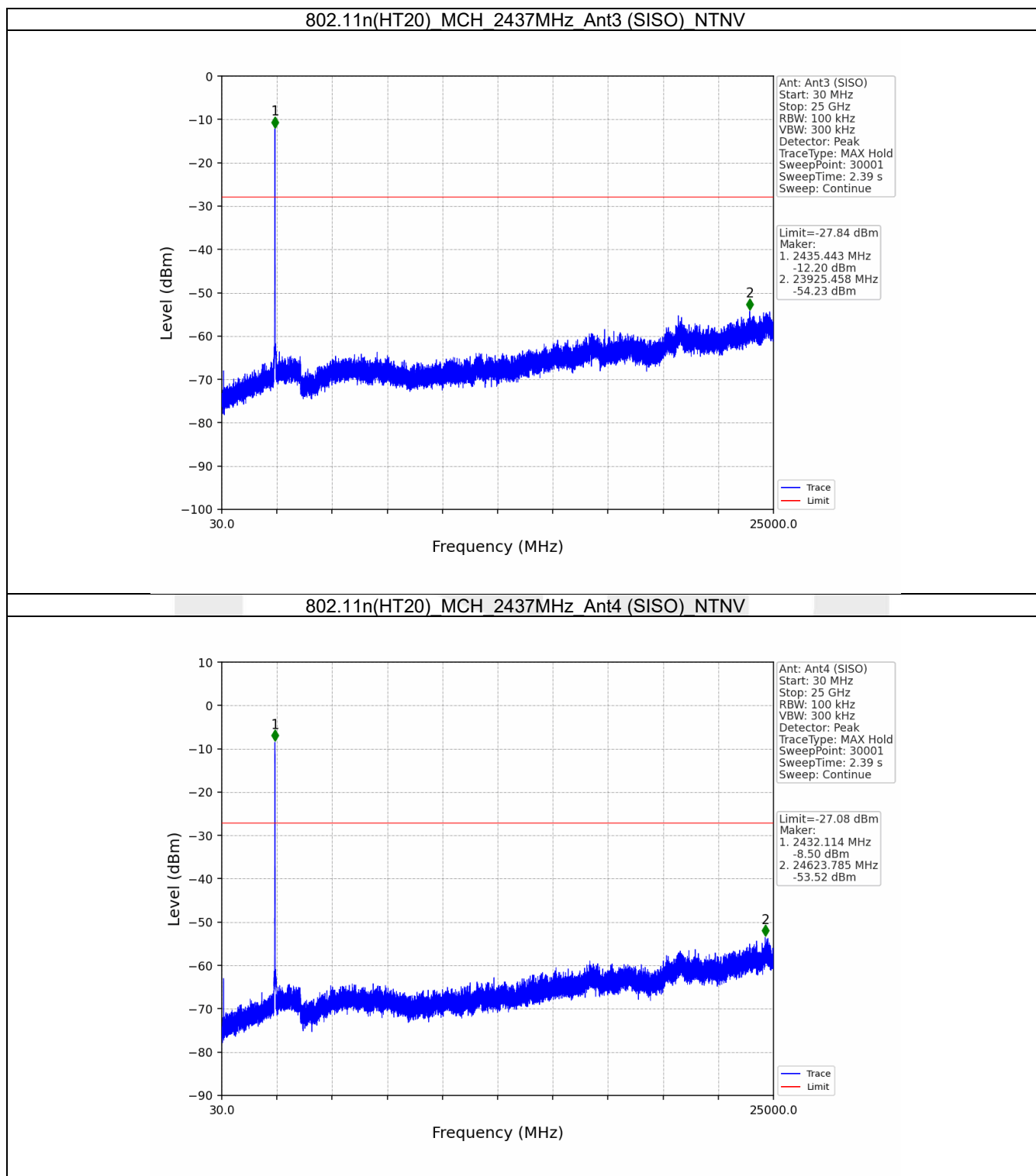


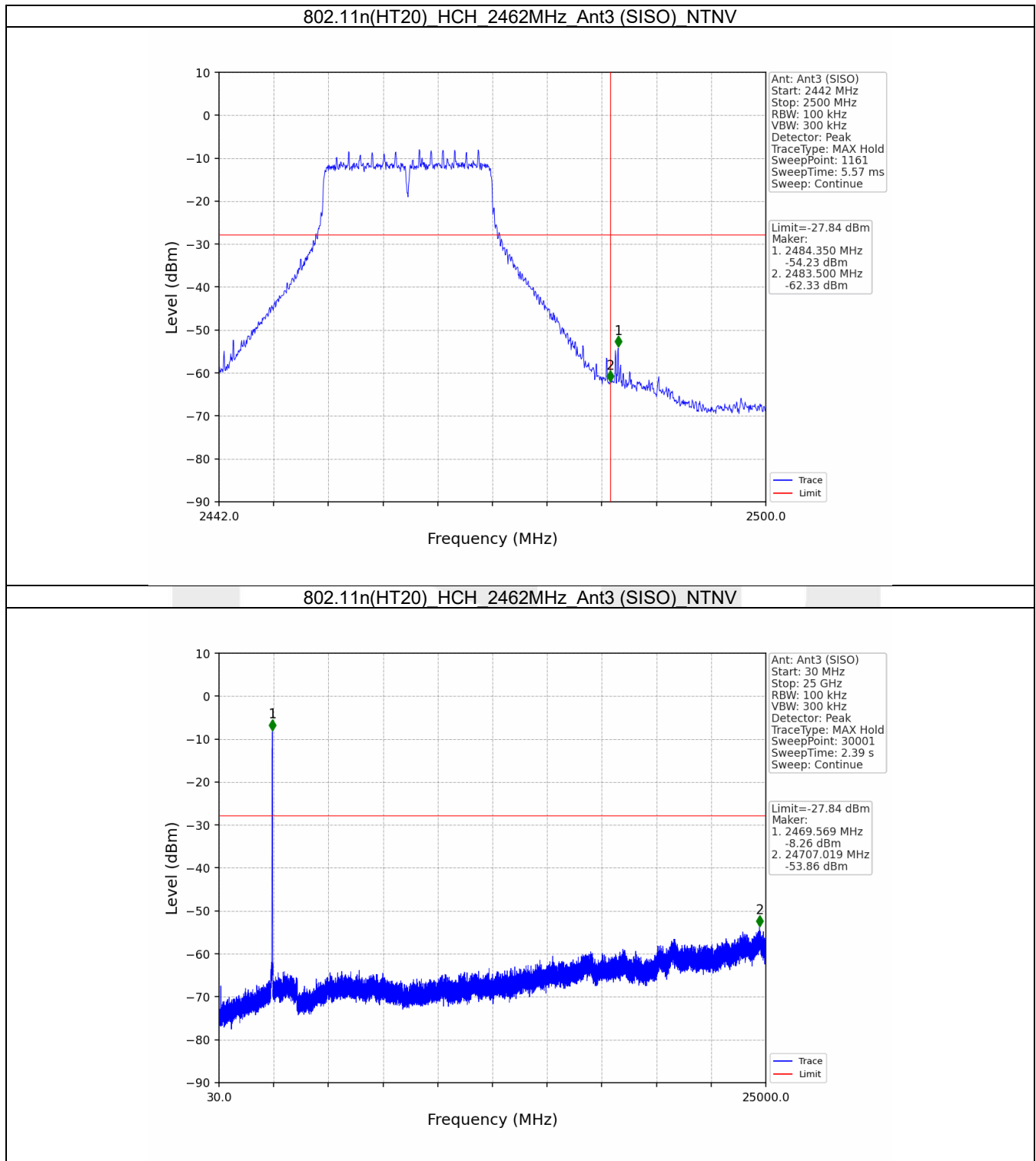


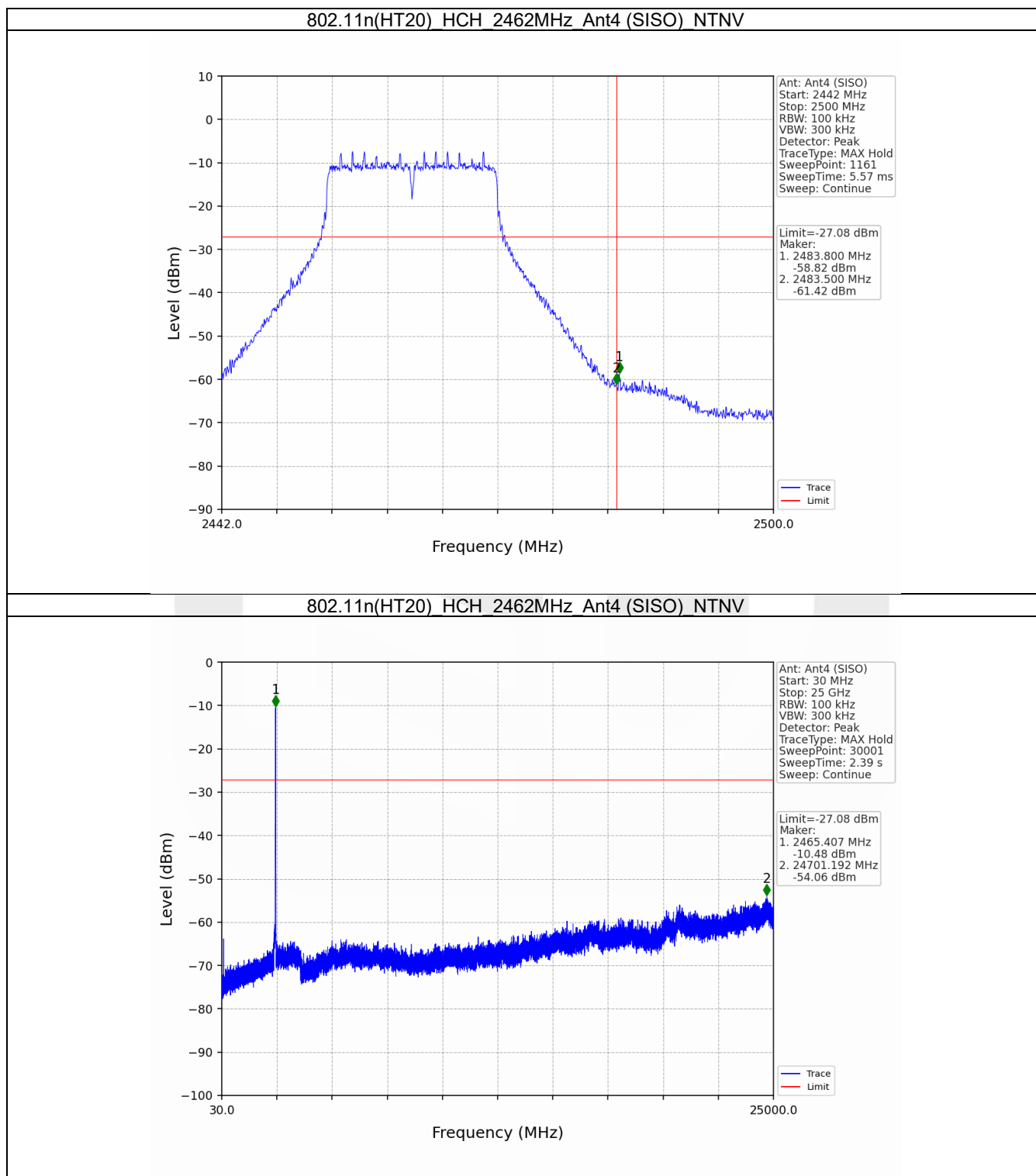


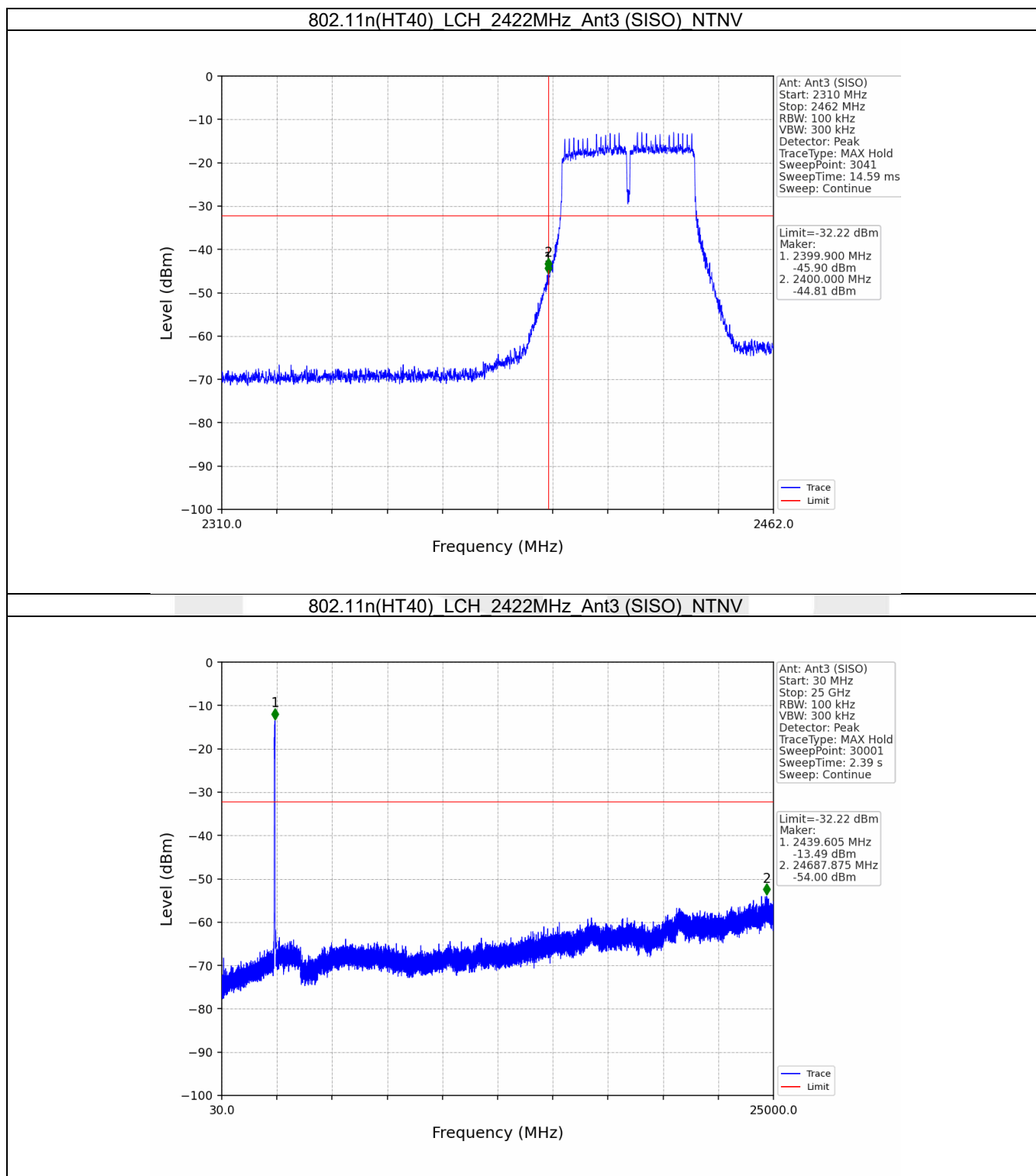


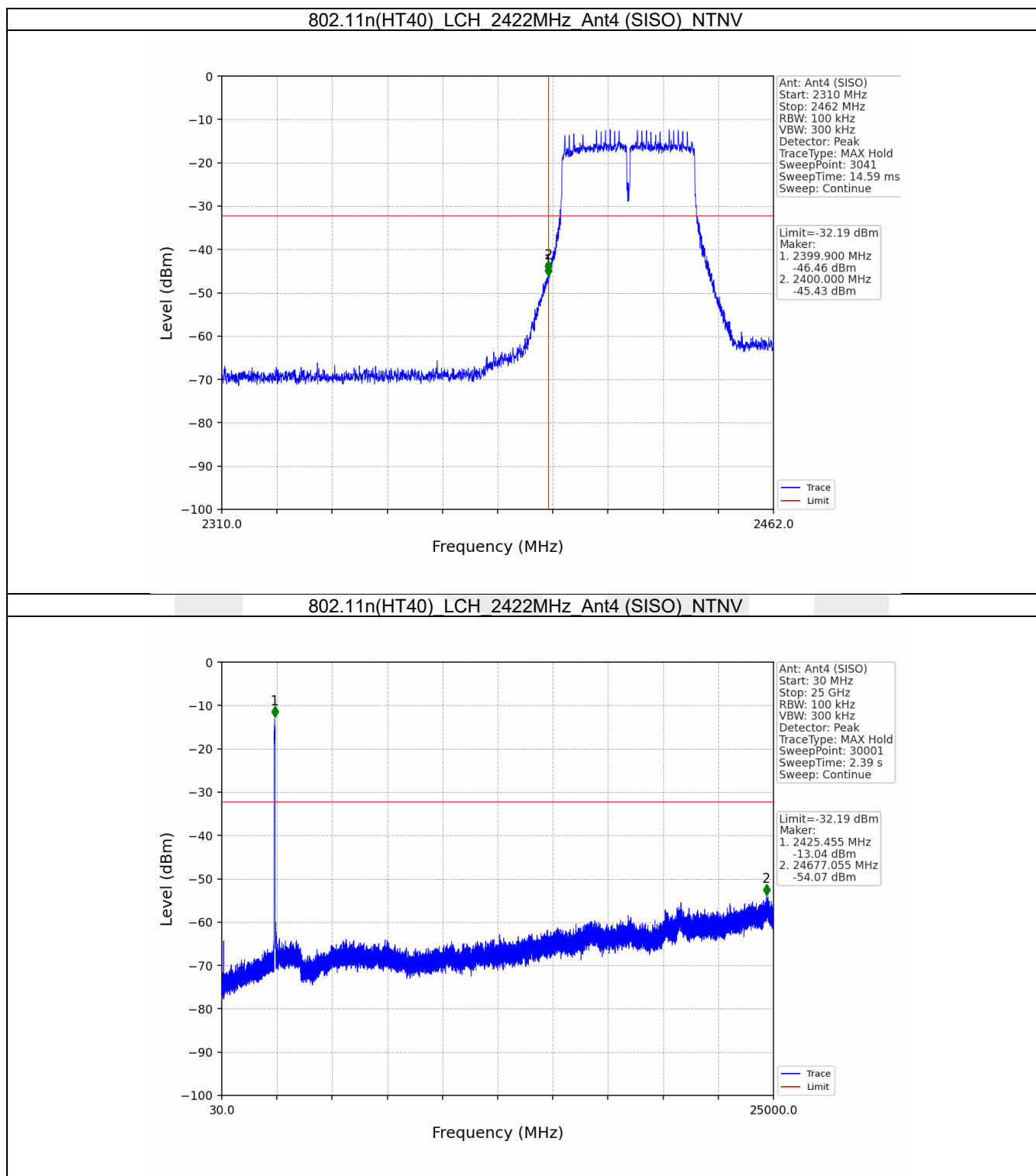


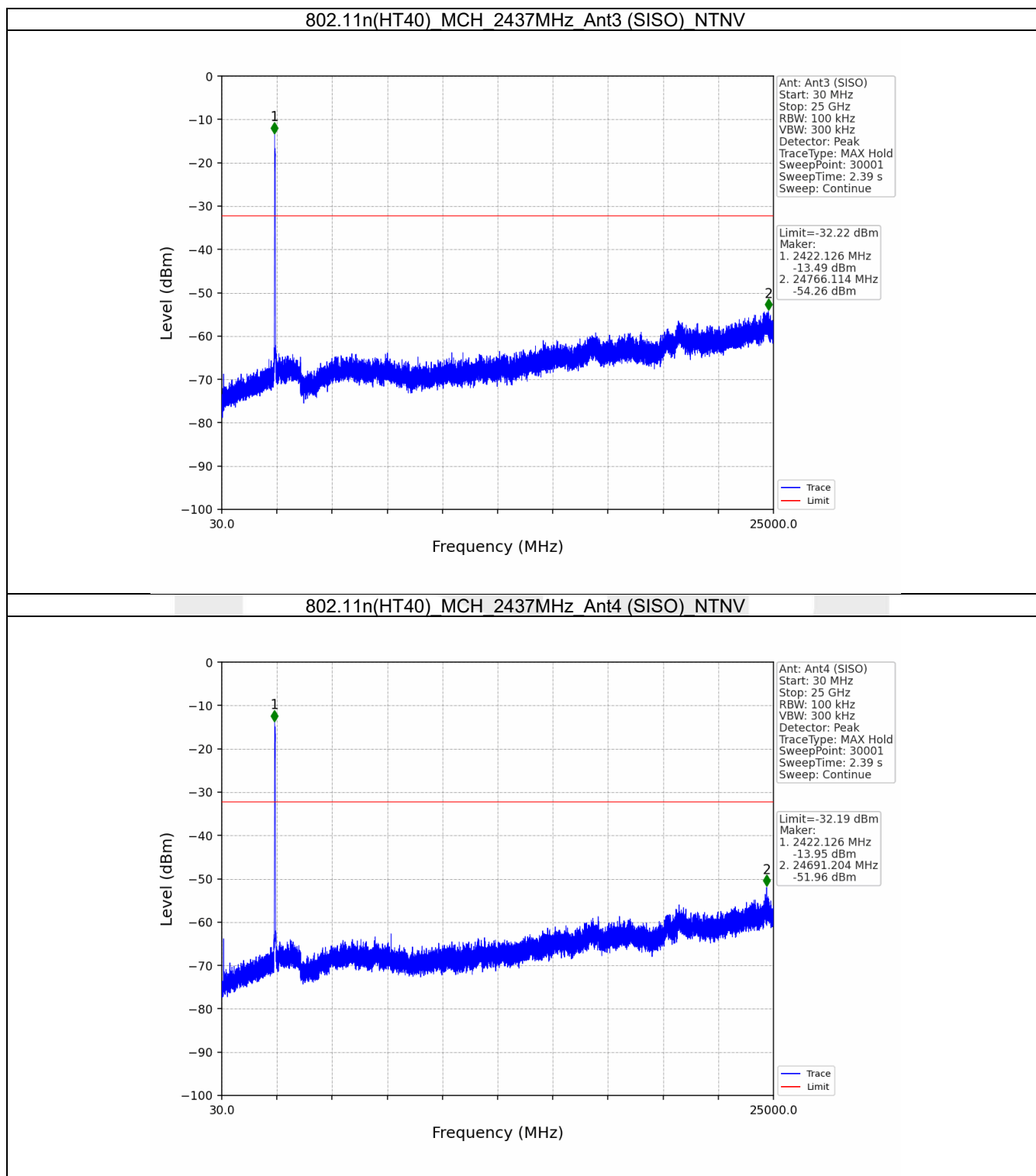


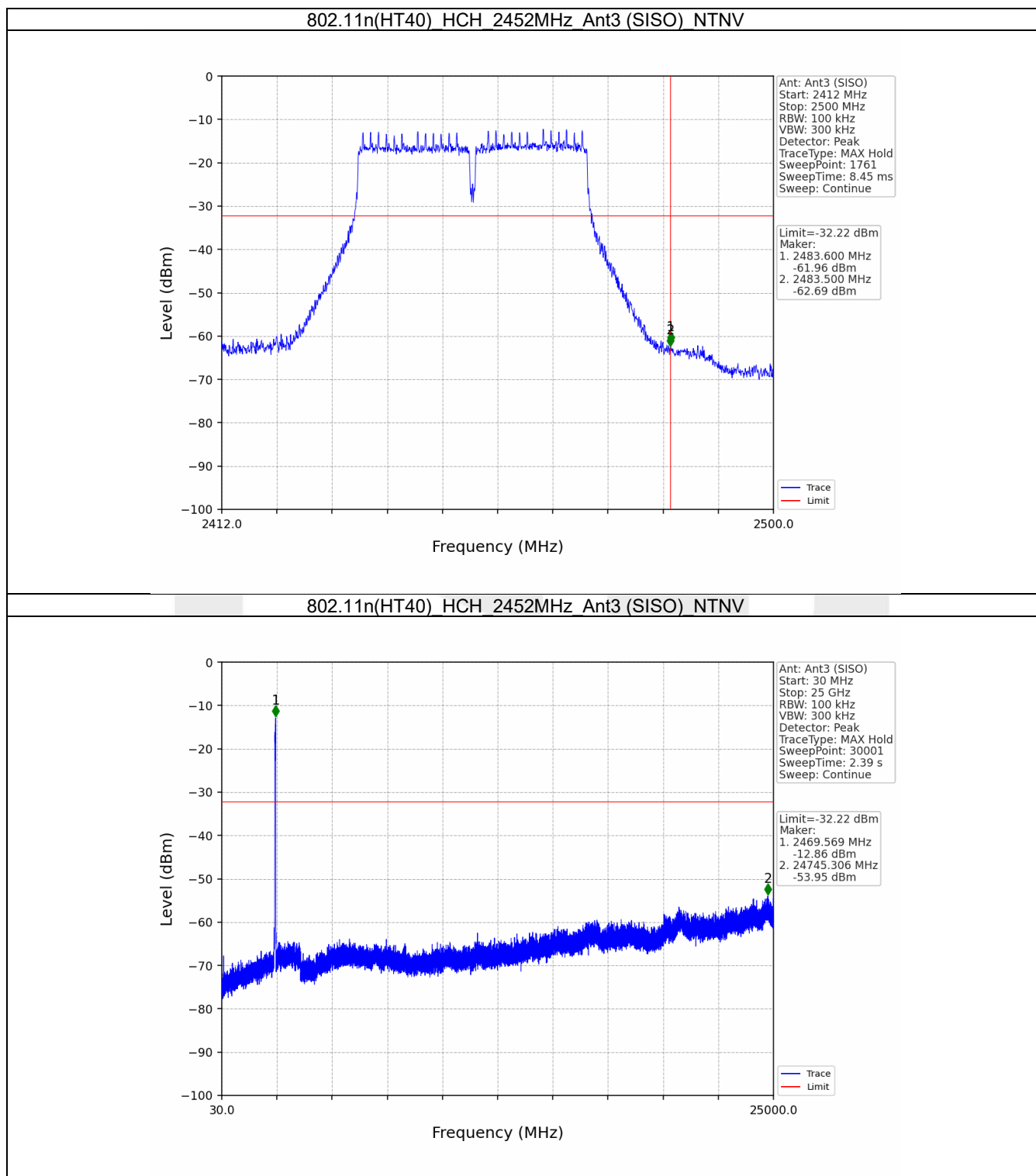


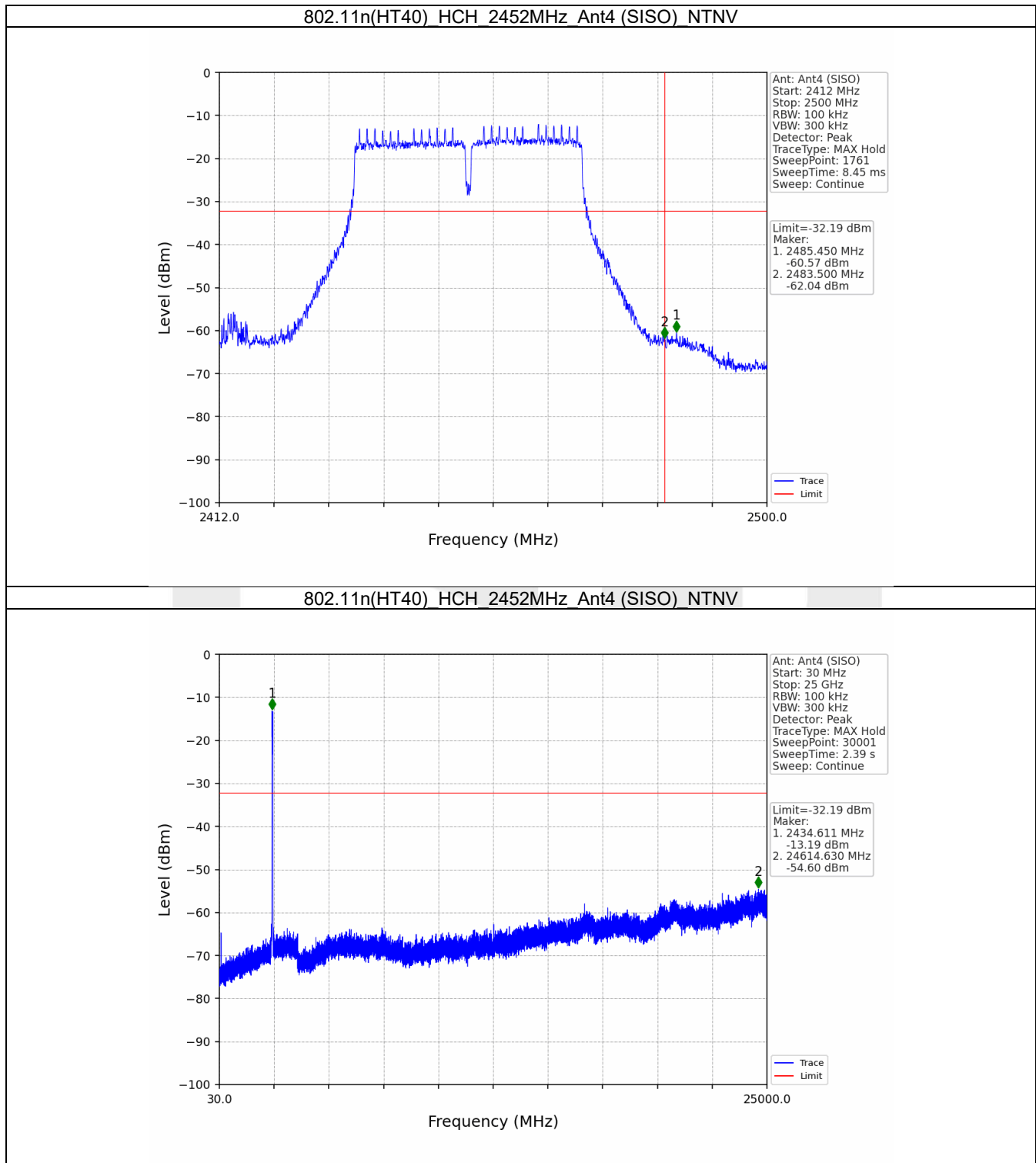












----- End of Report -----