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Annex for 2.4G Wi-Fi

Test Report No.: CTL2508045011-MIC02

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1. Frequency Error

1.1 Test Result

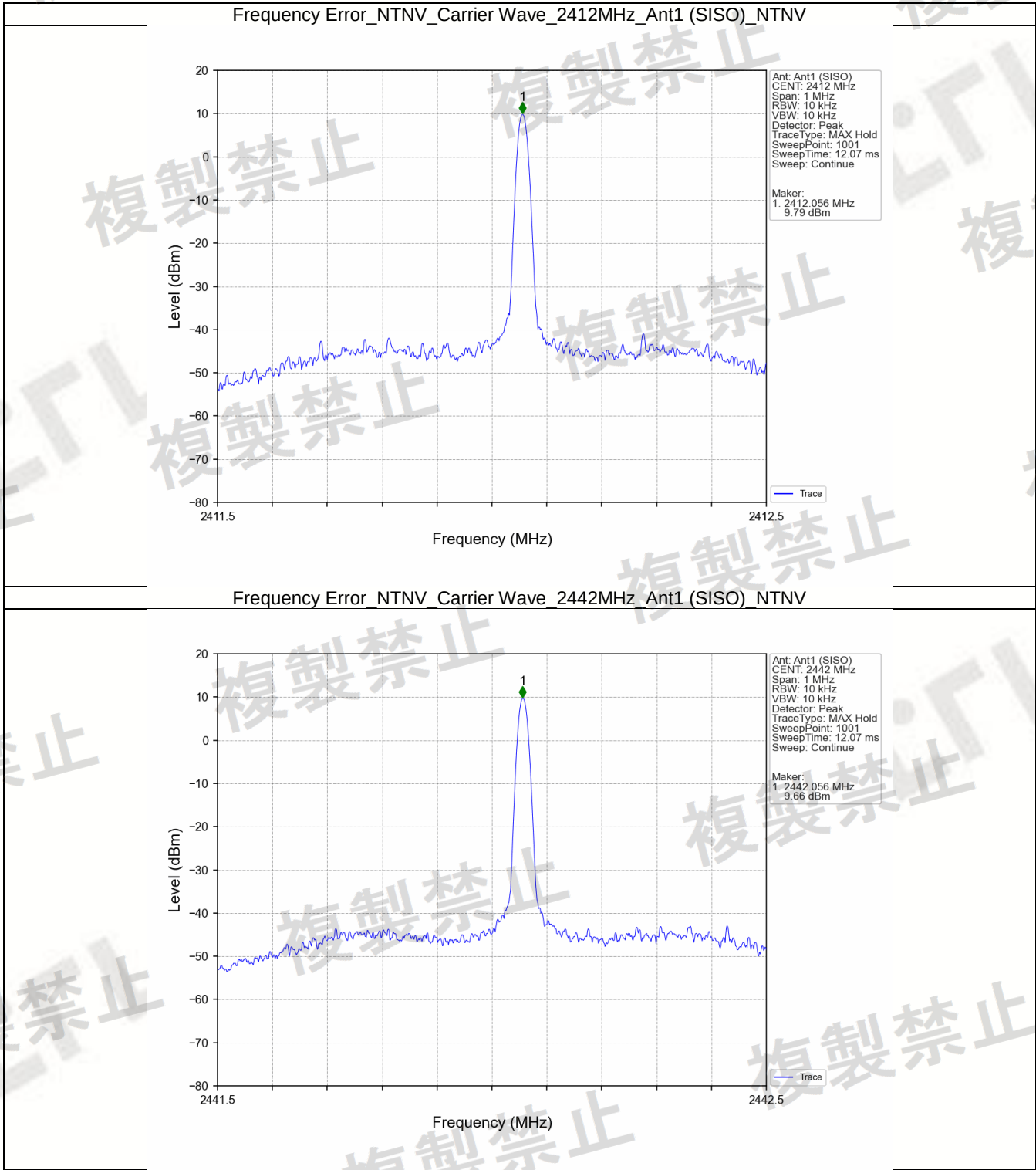
1.1.1 Ant1

Ant1							
ENV	Mode	TX Type	Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)		Verdict
					Result	Limit	
NTNV	Carrier Wave	SISO	2412	2412.056	23.22	-50 to 50	Pass
			2442	2442.056	22.93	-50 to 50	Pass
			2472	2472.060	24.27	-50 to 50	Pass
NTLV	Carrier Wave	SISO	2412	2412.056	23.22	-50 to 50	Pass
			2442	2442.057	23.34	-50 to 50	Pass
			2472	2472.060	24.27	-50 to 50	Pass
NTHV	Carrier Wave	SISO	2412	2412.056	23.22	-50 to 50	Pass
			2442	2442.057	23.34	-50 to 50	Pass
			2472	2472.060	24.27	-50 to 50	Pass

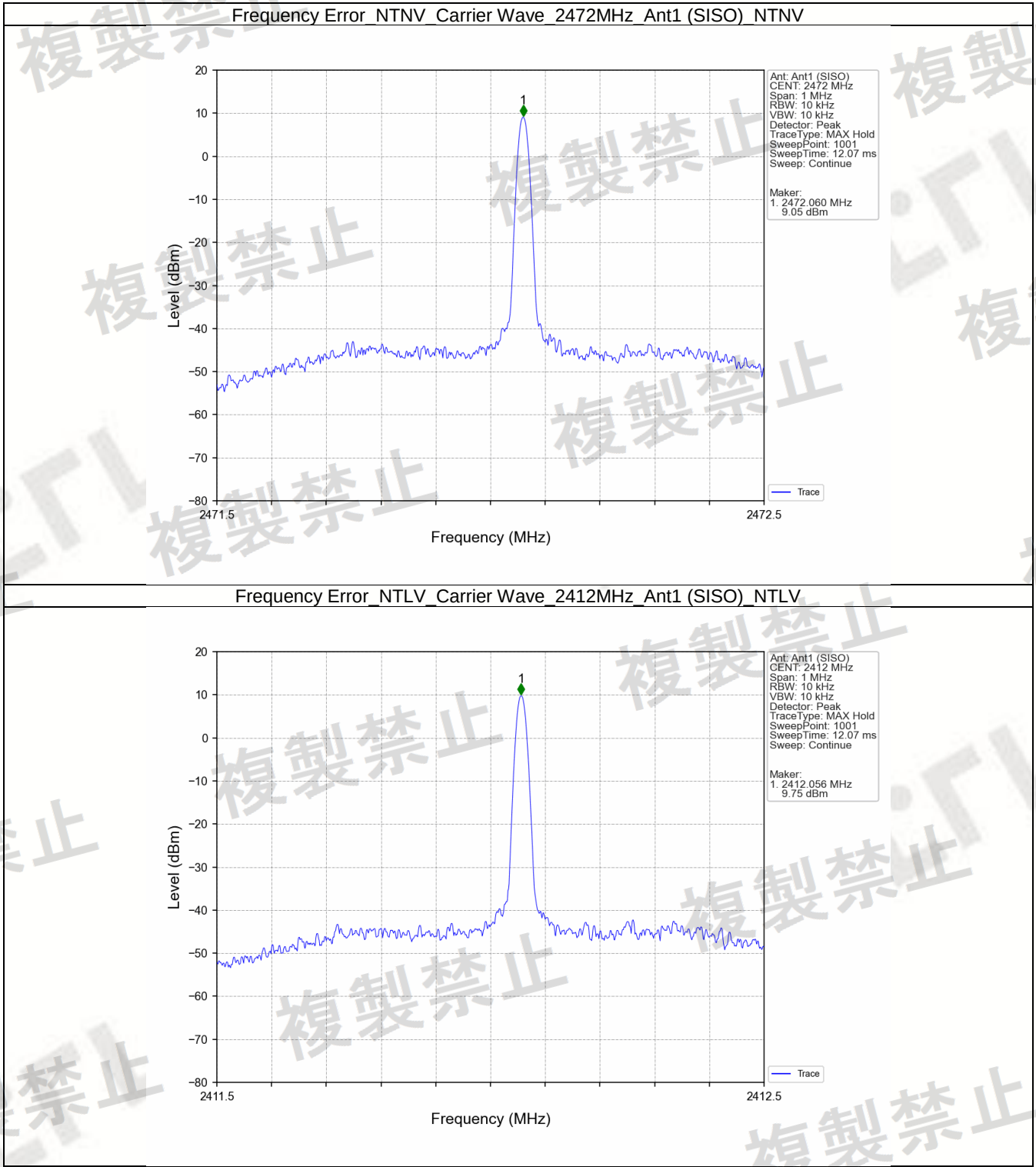
MIC: 219-259553

1.2 Test Graph

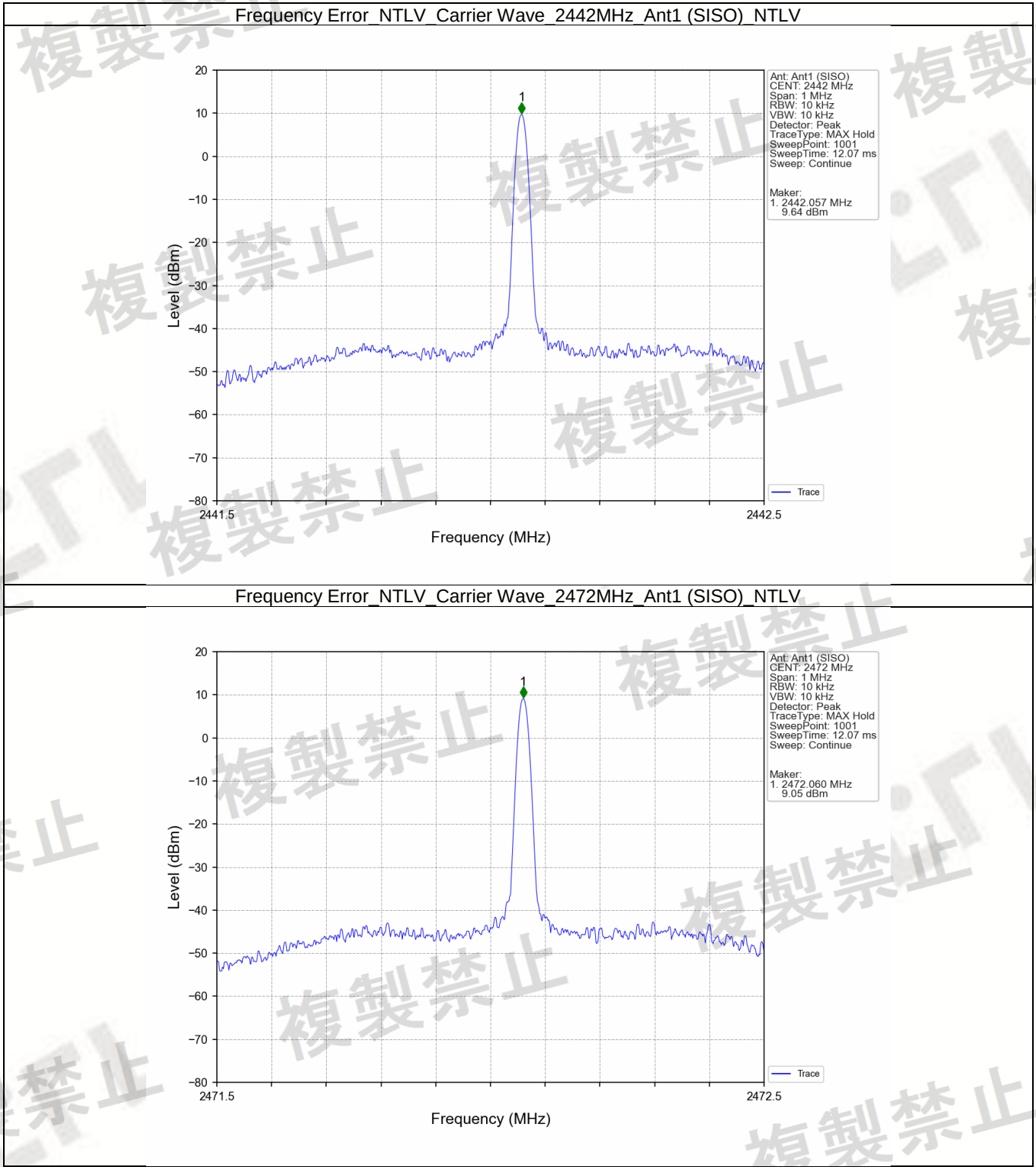
1.2.1 Ant1



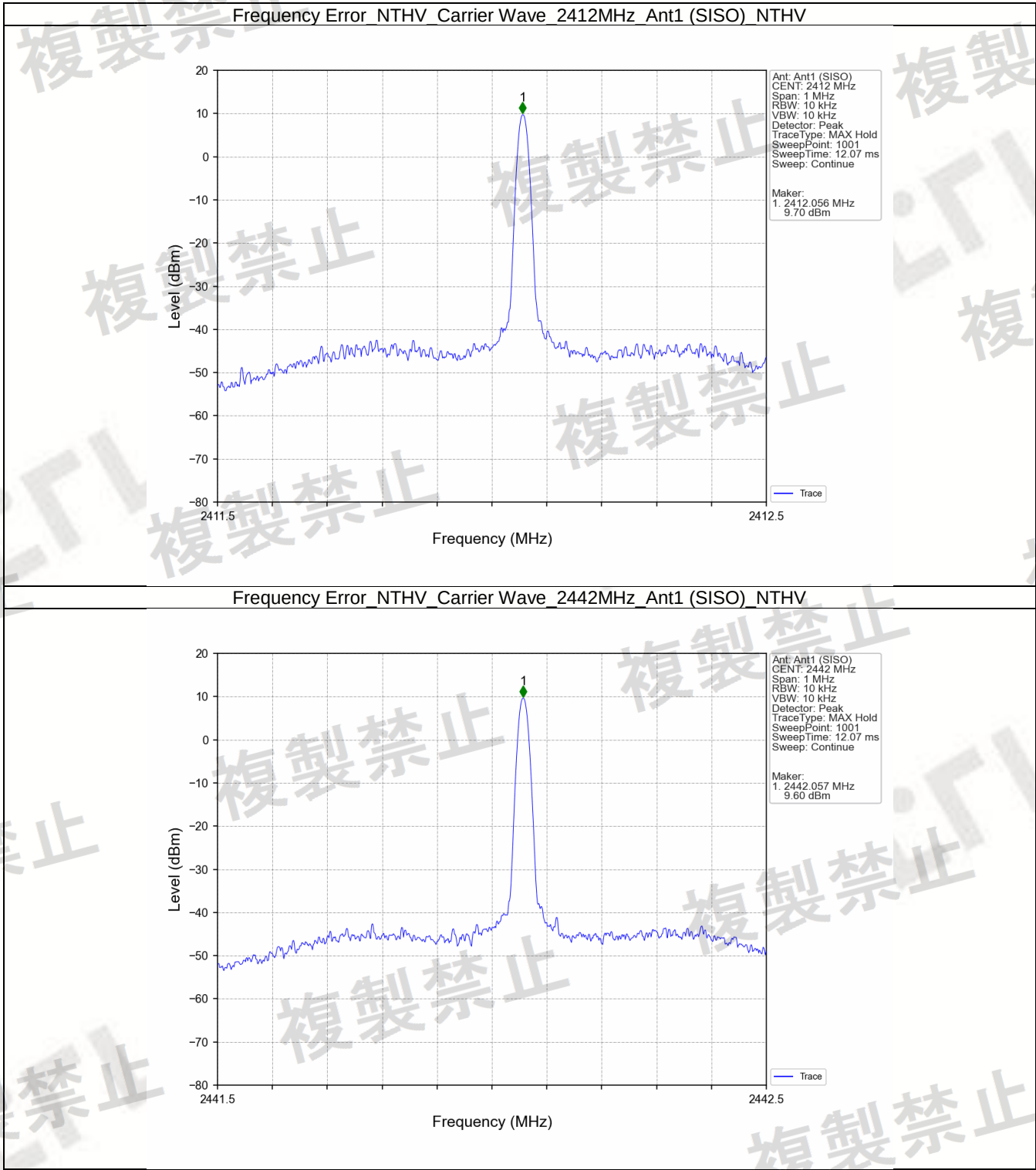
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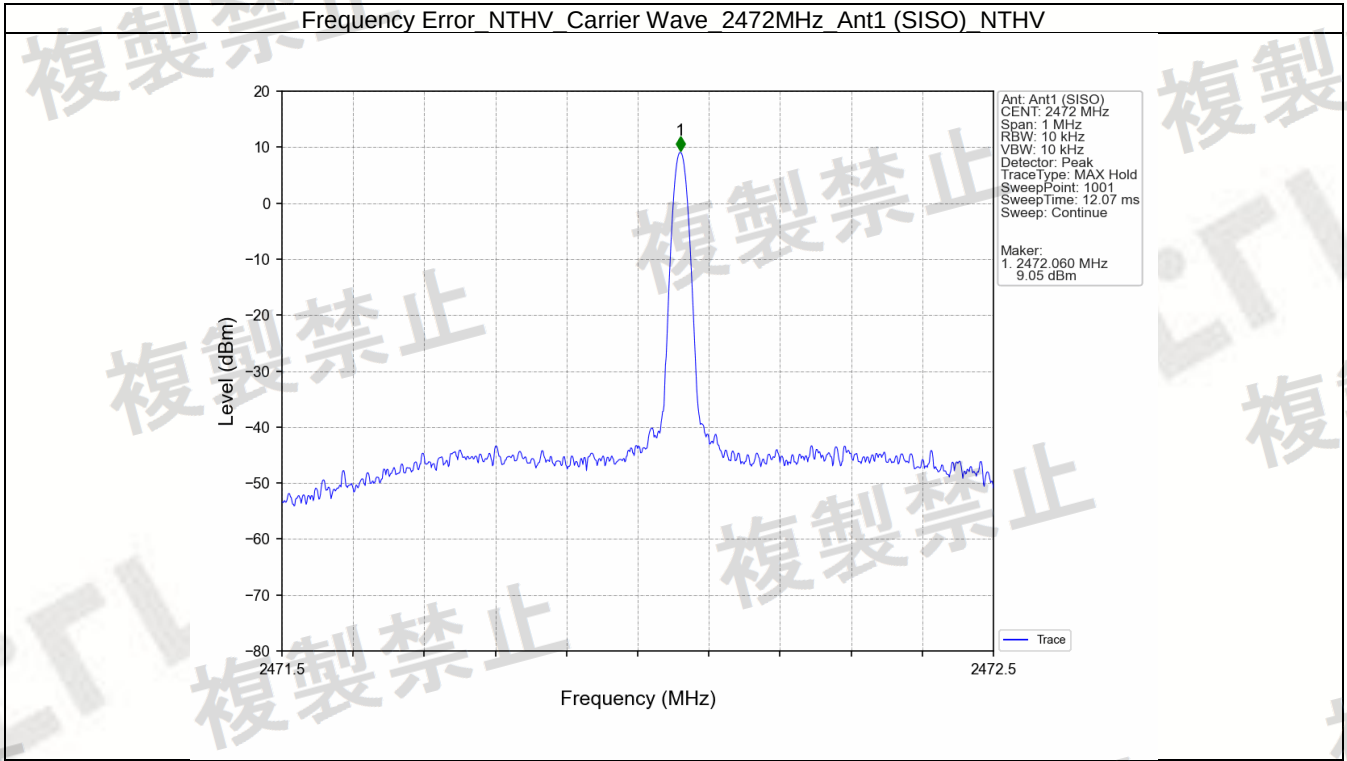
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2. Occupied Bandwidth

2.1 Test Result

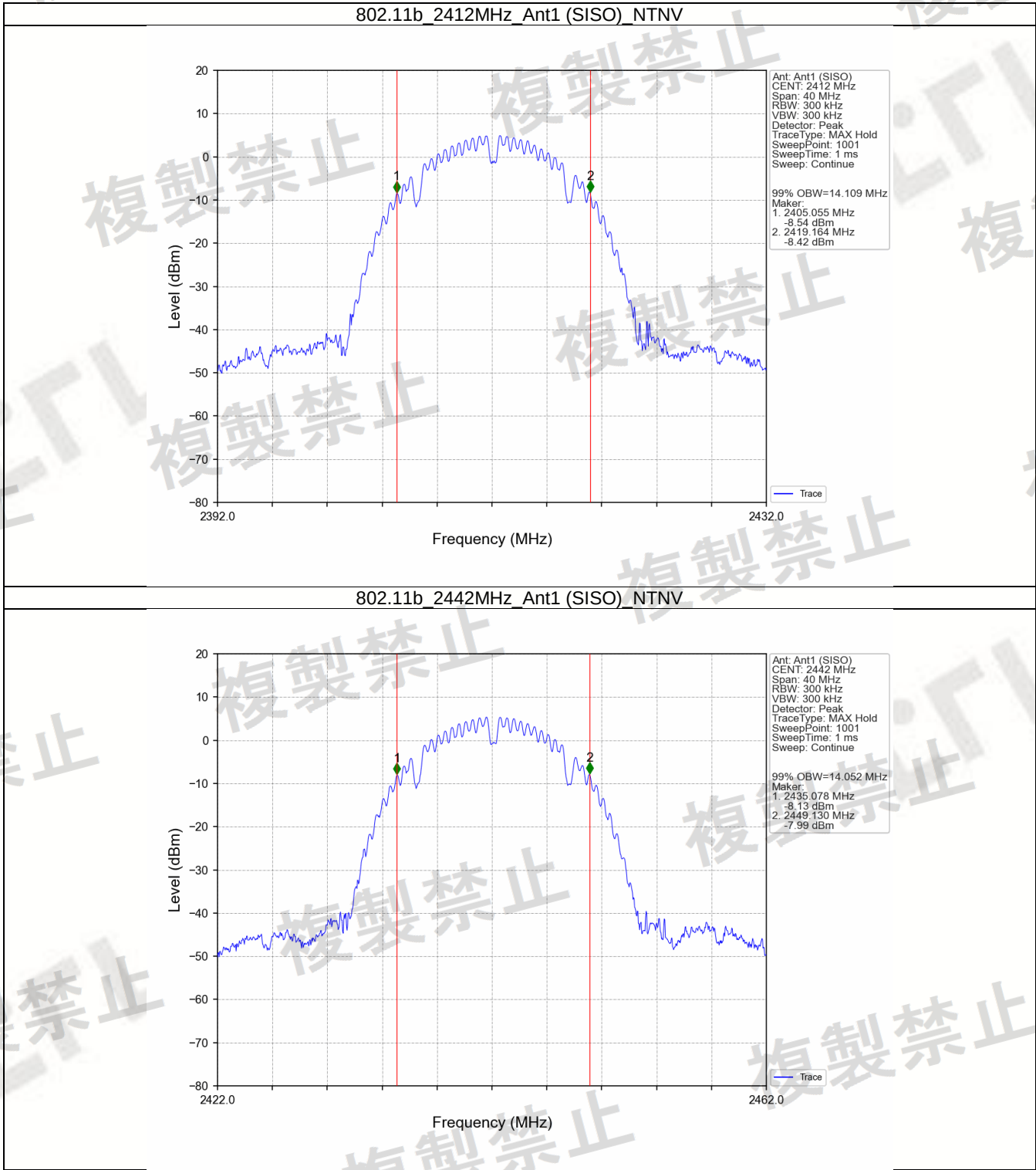
2.1.1 OBW

ENV	Mode	TX Type	Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
				ANT1	Limit	
NTNV	802.11b	SISO	2412	14.109	<=26	Pass
			2442	14.052	<=26	Pass
			2472	14.072	<=26	Pass
	802.11g	SISO	2412	16.950	<=40	Pass
			2442	16.889	<=40	Pass
			2472	16.962	<=40	Pass
	802.11n (HT20)	SISO	2412	17.989	<=40	Pass
			2442	17.990	<=40	Pass
			2472	18.022	<=40	Pass
NTLV	802.11b	SISO	2412	14.094	<=26	Pass
			2442	14.049	<=26	Pass
			2472	14.065	<=26	Pass
	802.11g	SISO	2412	16.930	<=40	Pass
			2442	16.880	<=40	Pass
			2472	16.925	<=40	Pass
	802.11n (HT20)	SISO	2412	17.993	<=40	Pass
			2442	17.992	<=40	Pass
			2472	17.982	<=40	Pass
NTHV	802.11b	SISO	2412	14.095	<=26	Pass
			2442	14.053	<=26	Pass
			2472	14.068	<=26	Pass
	802.11g	SISO	2412	16.919	<=40	Pass
			2442	16.956	<=40	Pass
			2472	16.951	<=40	Pass
	802.11n (HT20)	SISO	2412	18.029	<=40	Pass
			2442	17.989	<=40	Pass
			2472	18.007	<=40	Pass

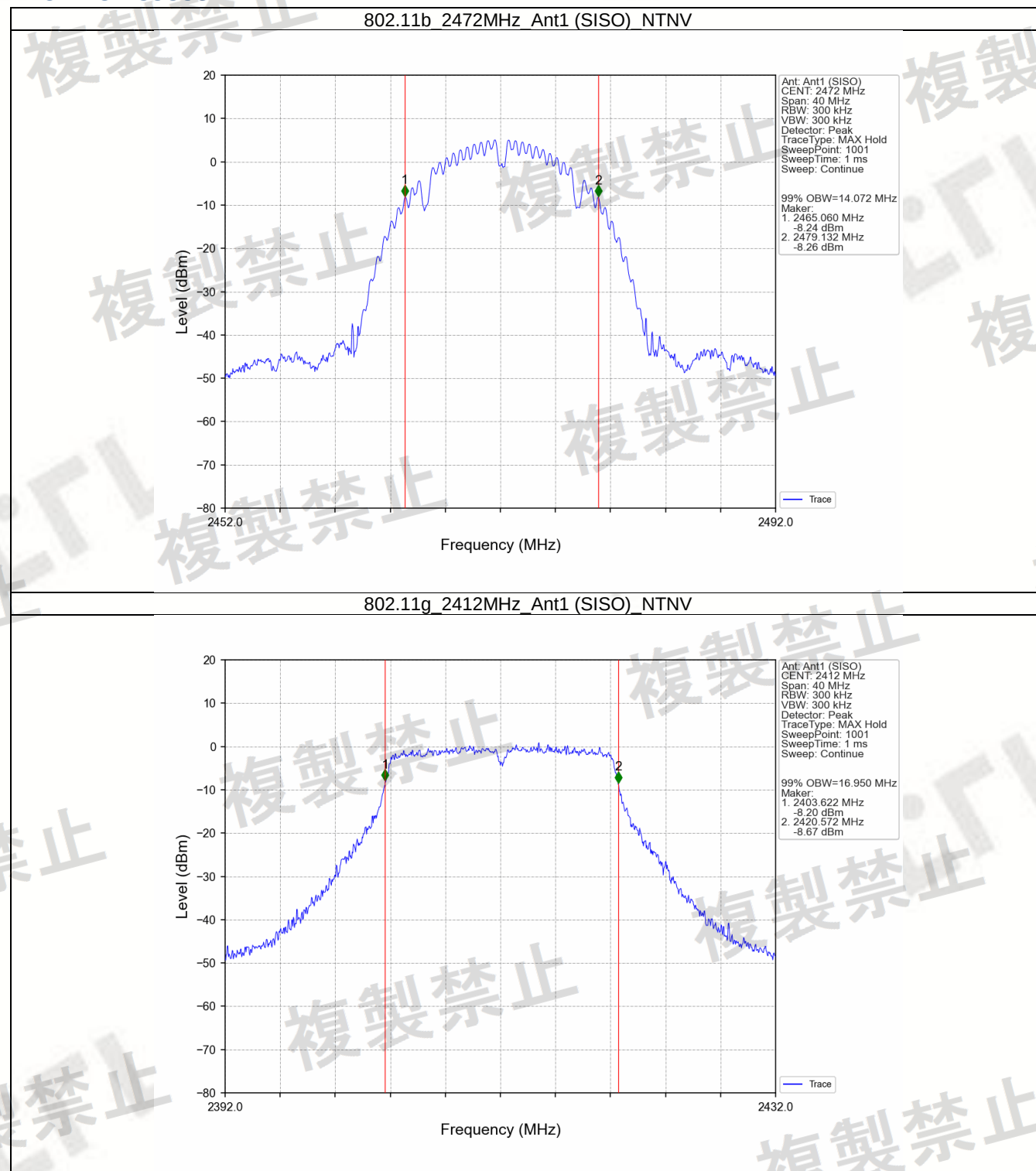
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2.2 Test Graph

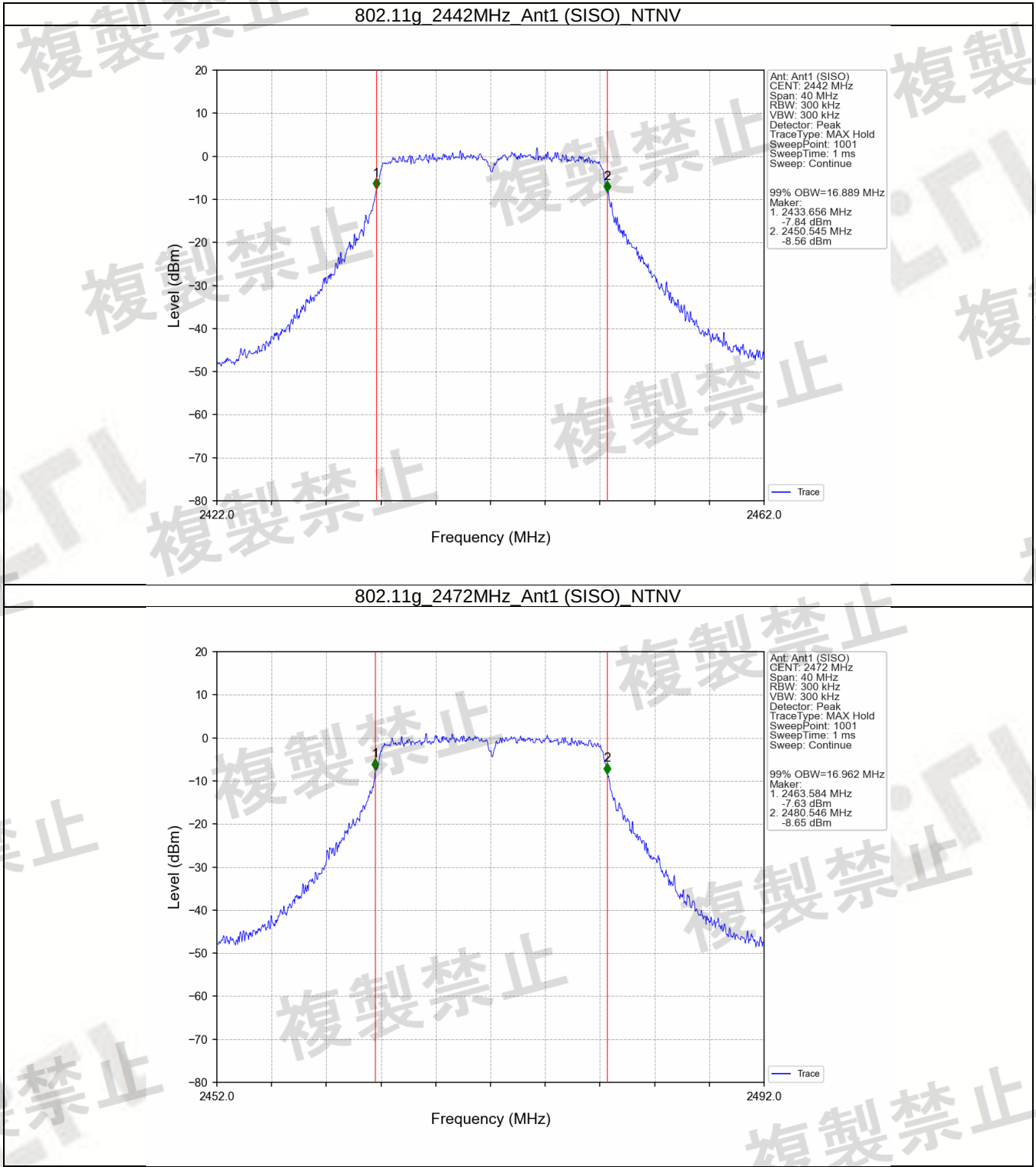
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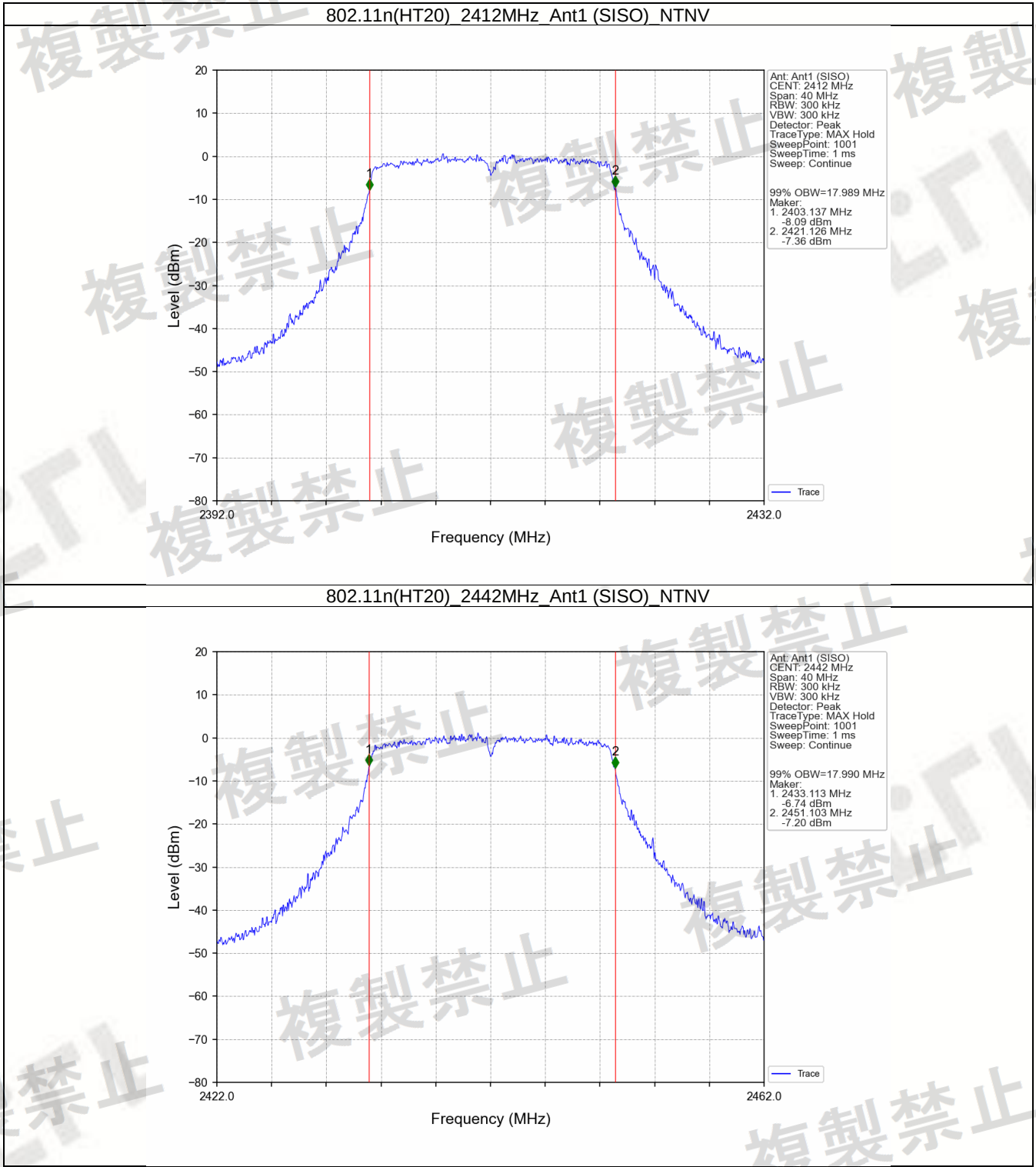
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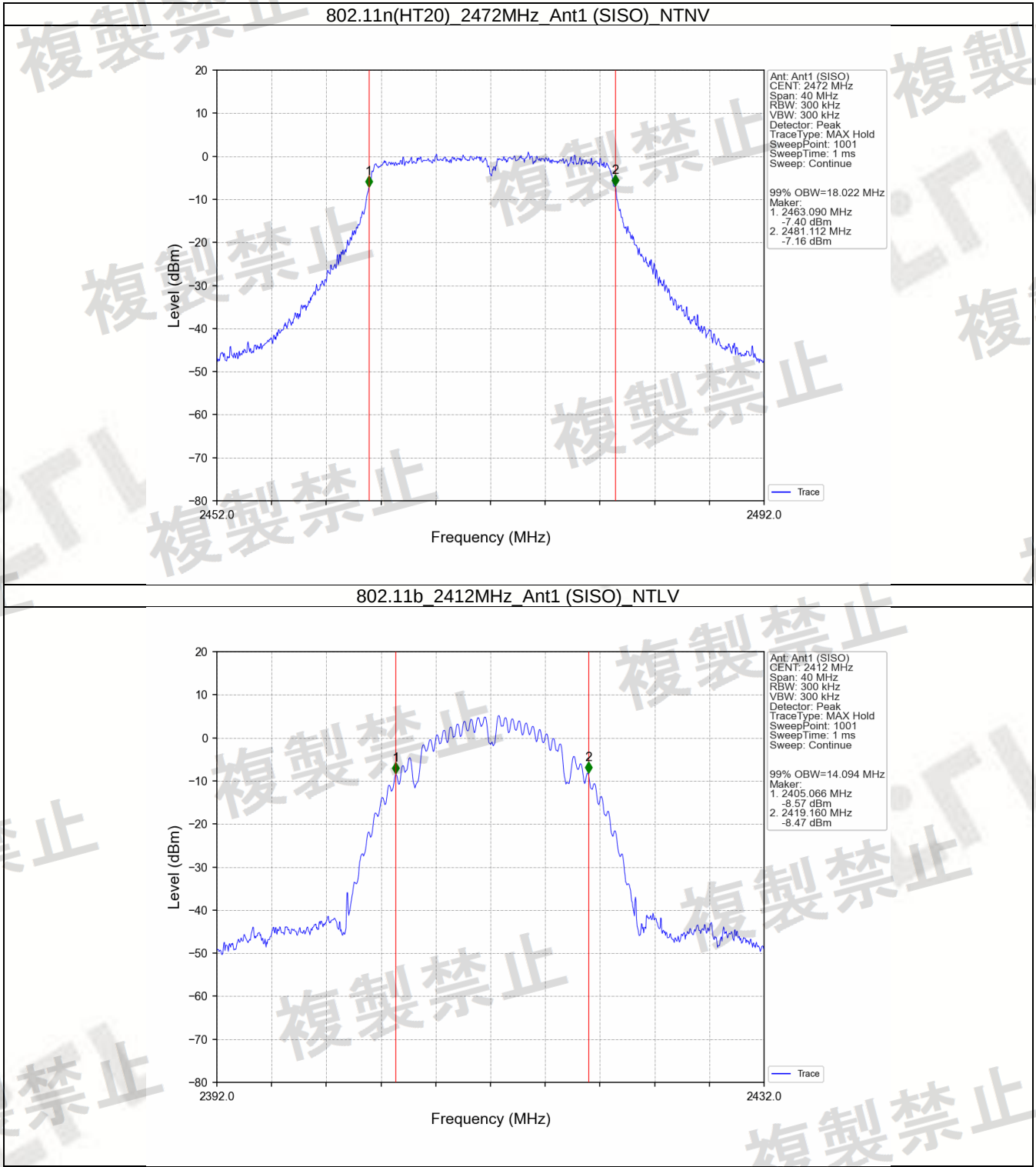
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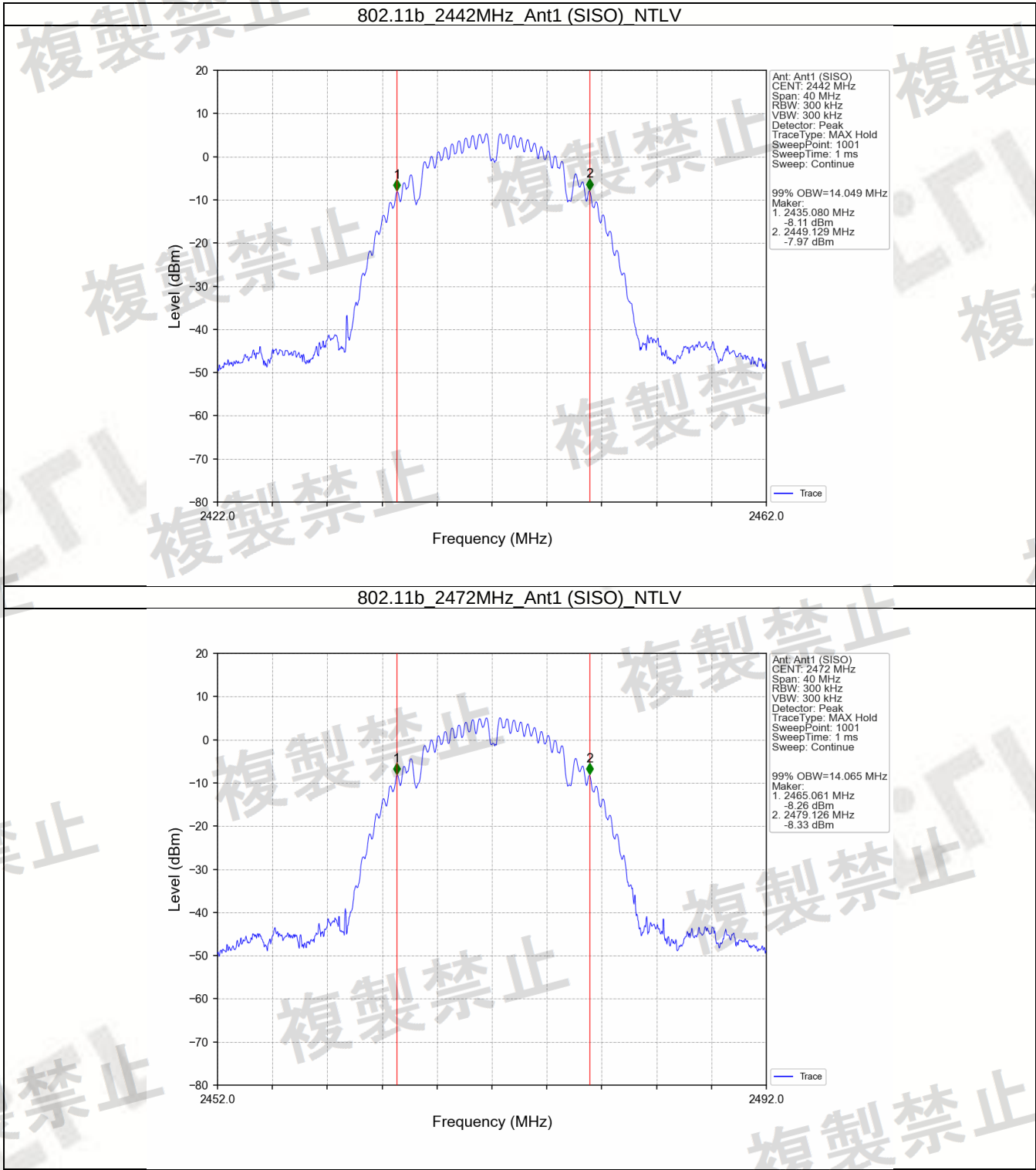
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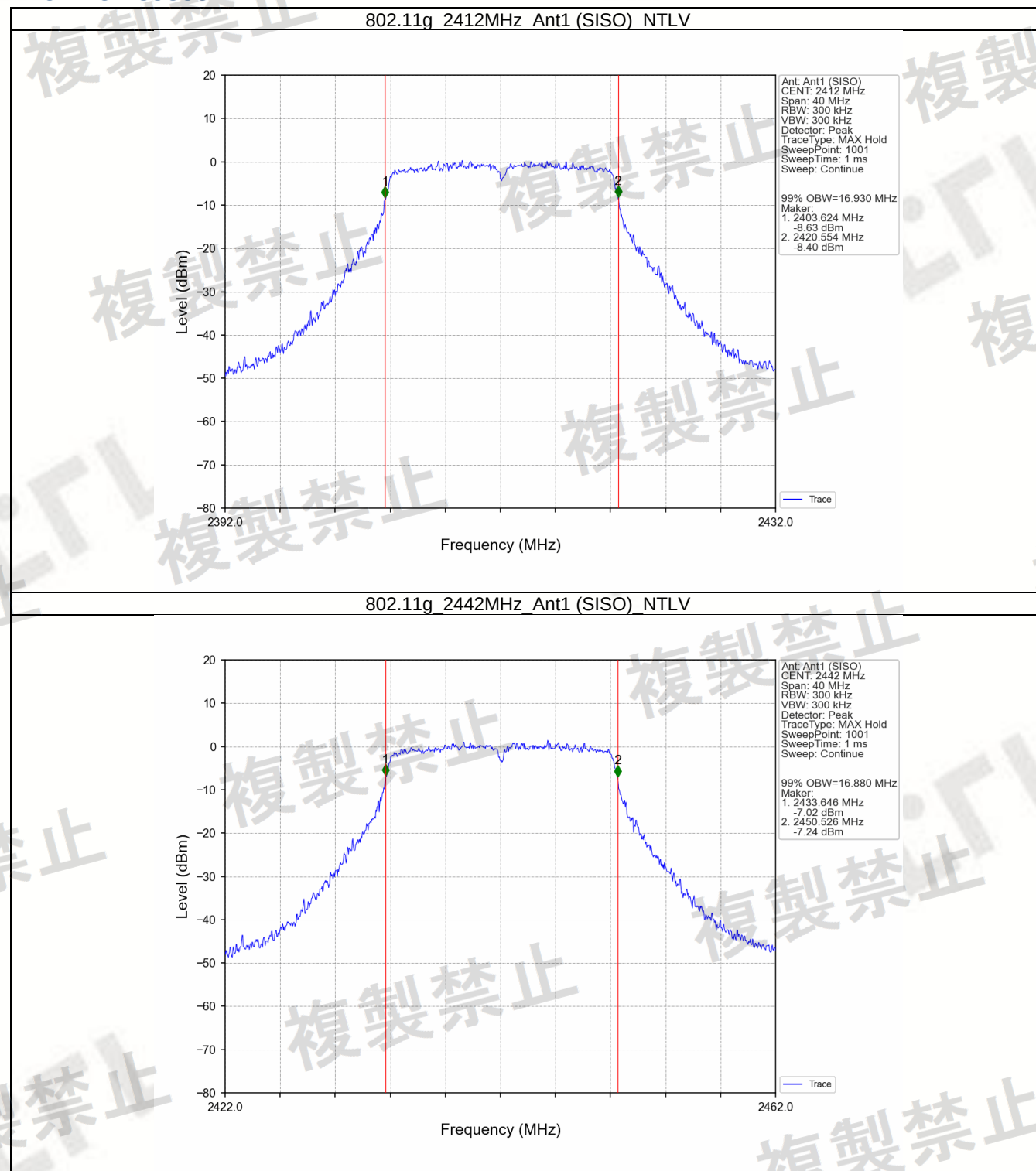
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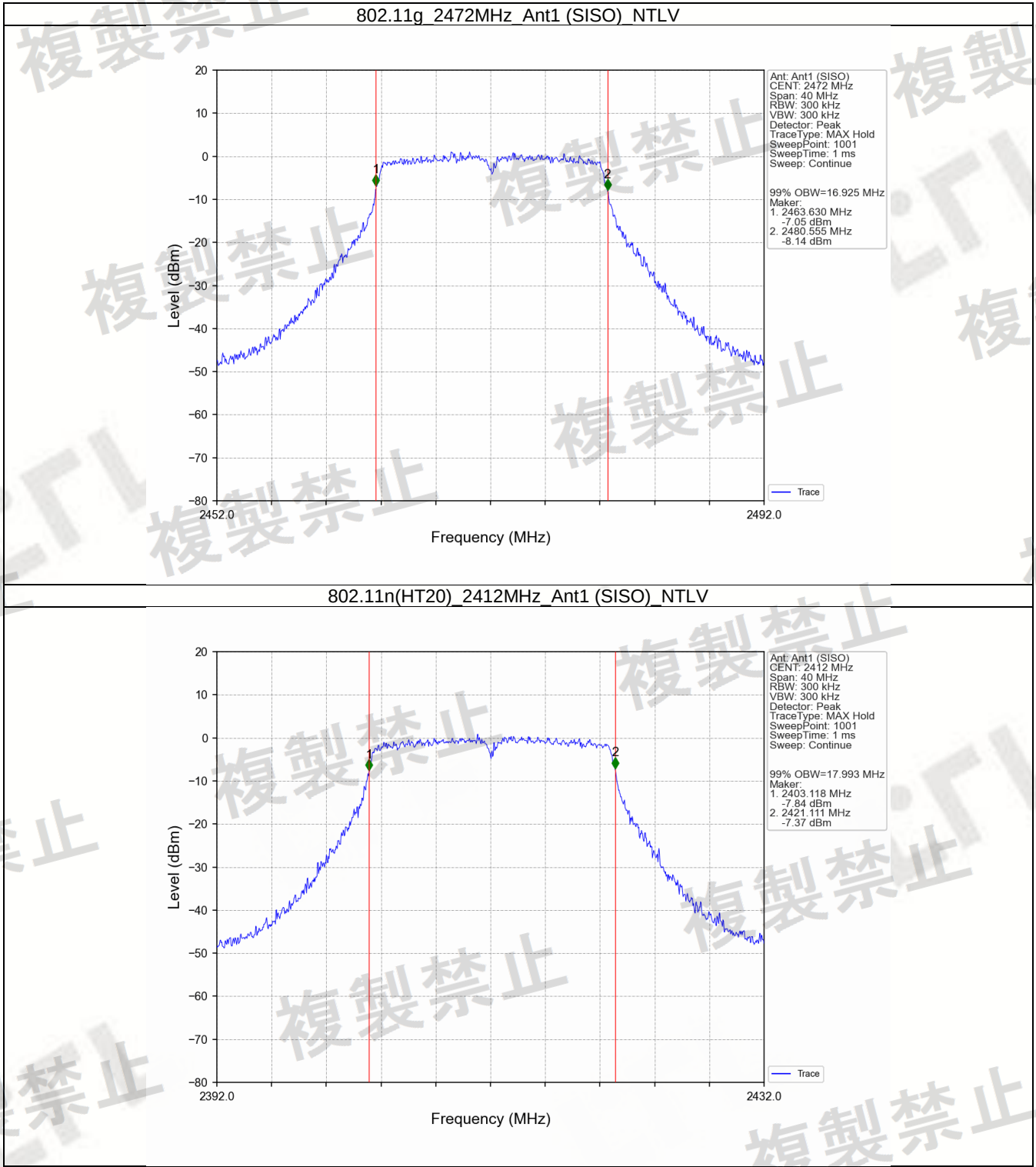
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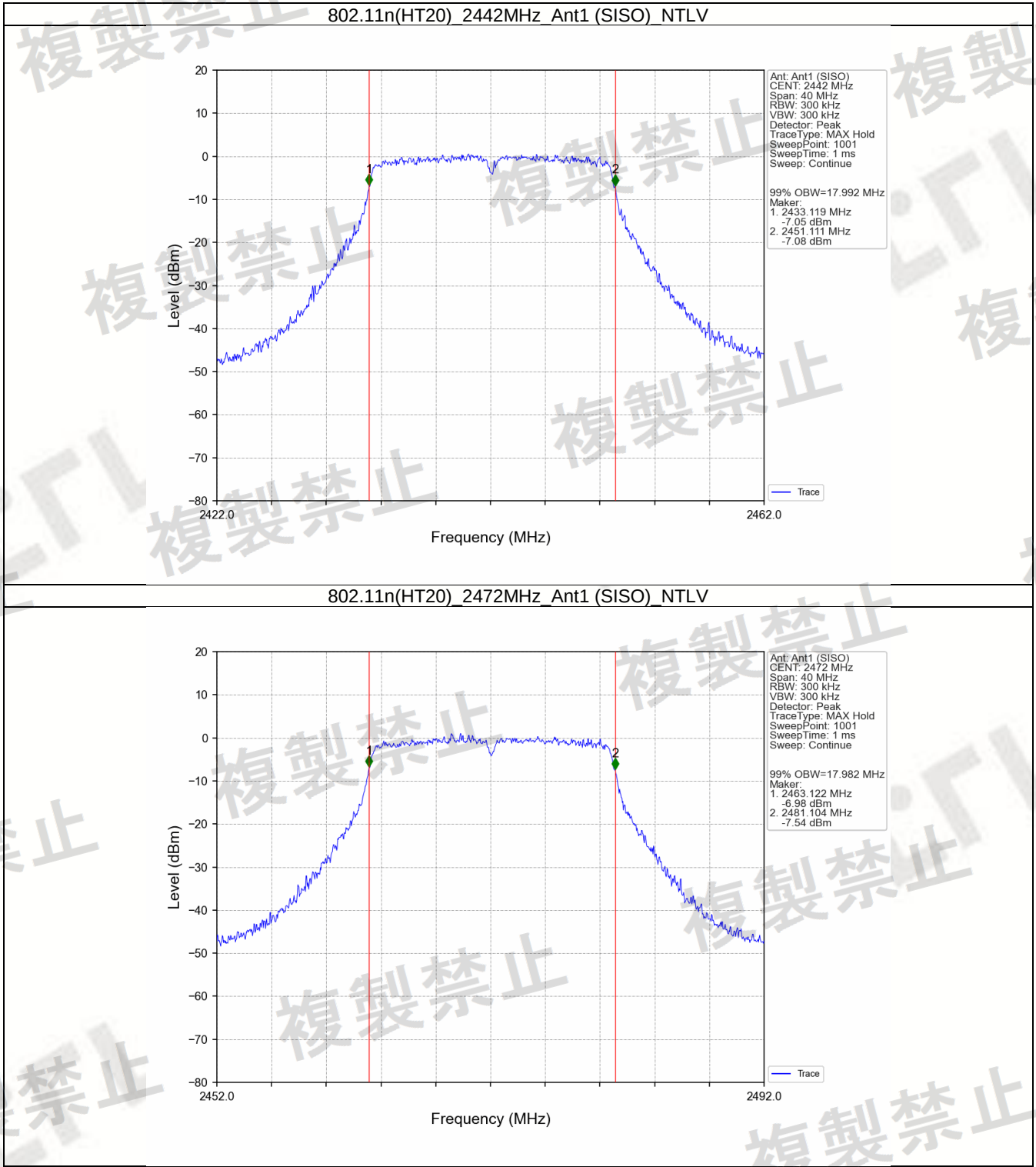
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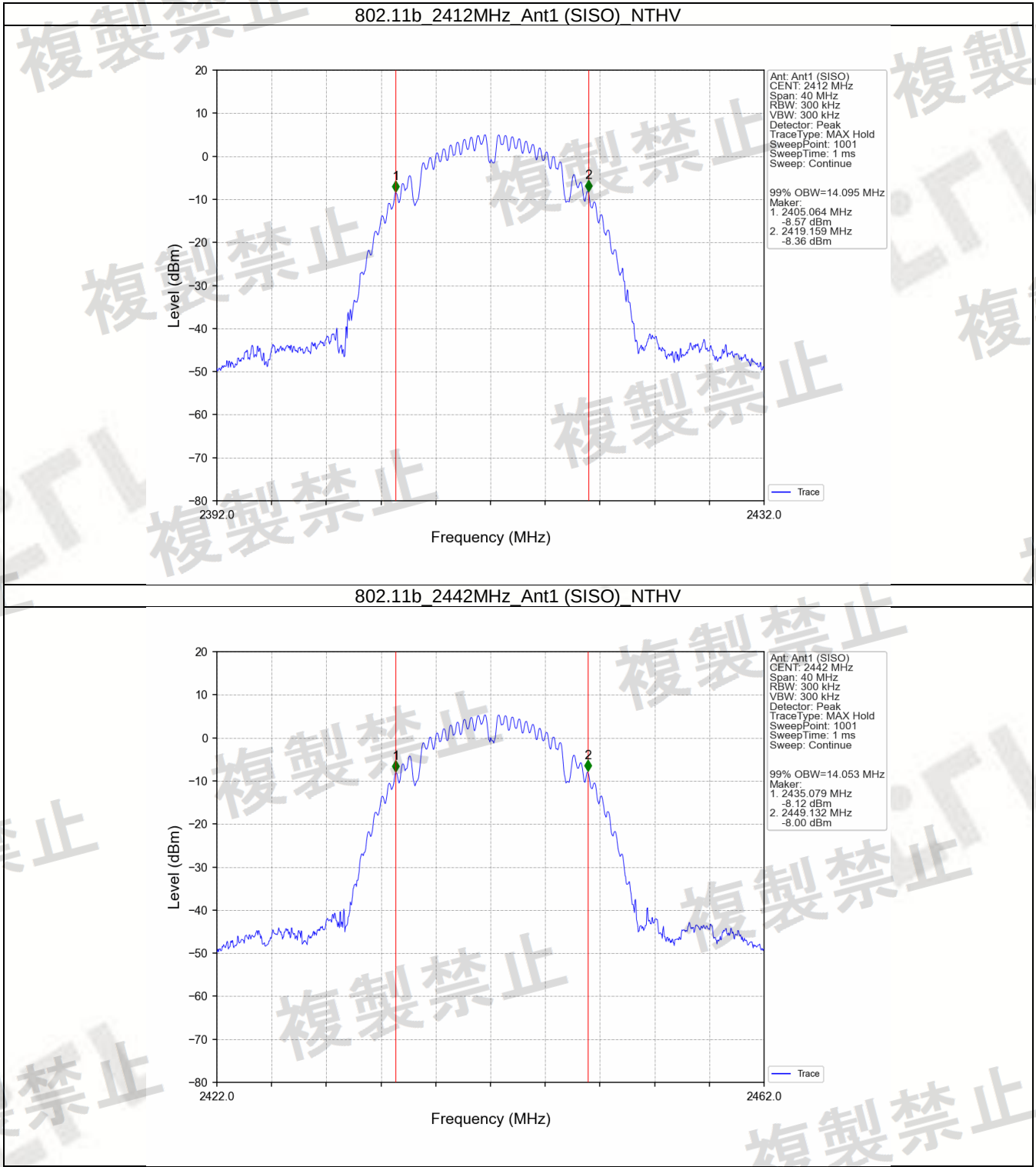
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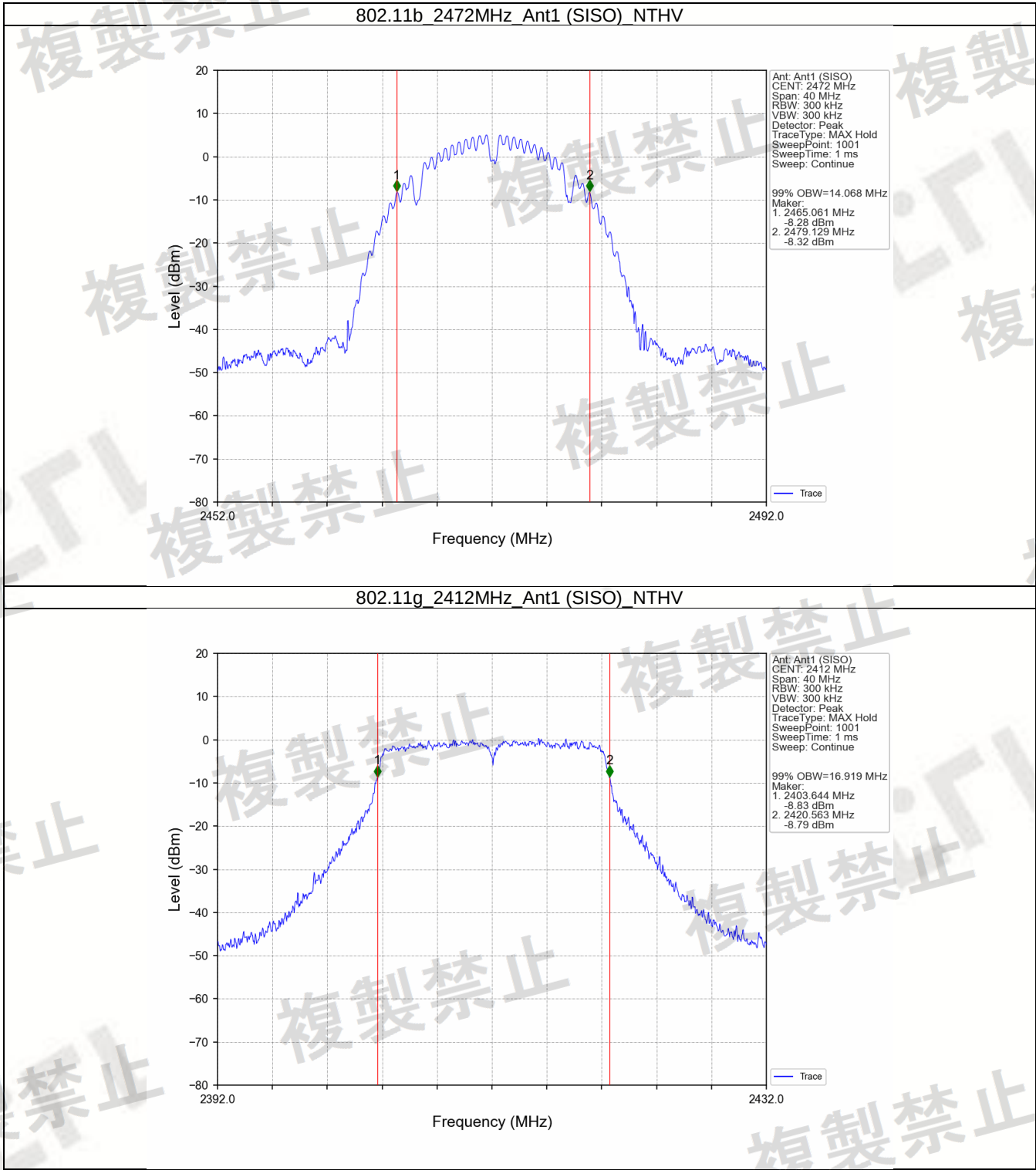
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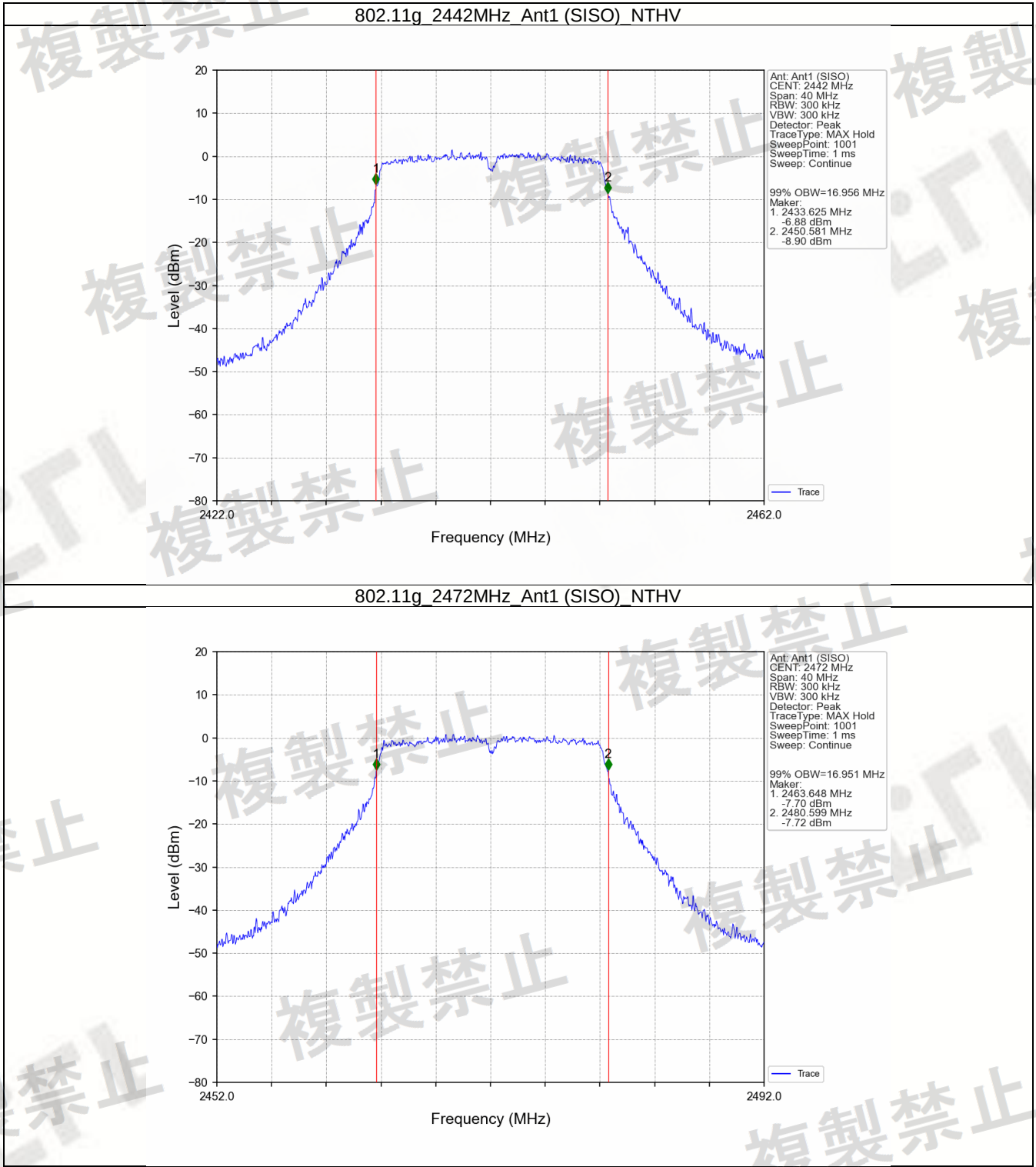
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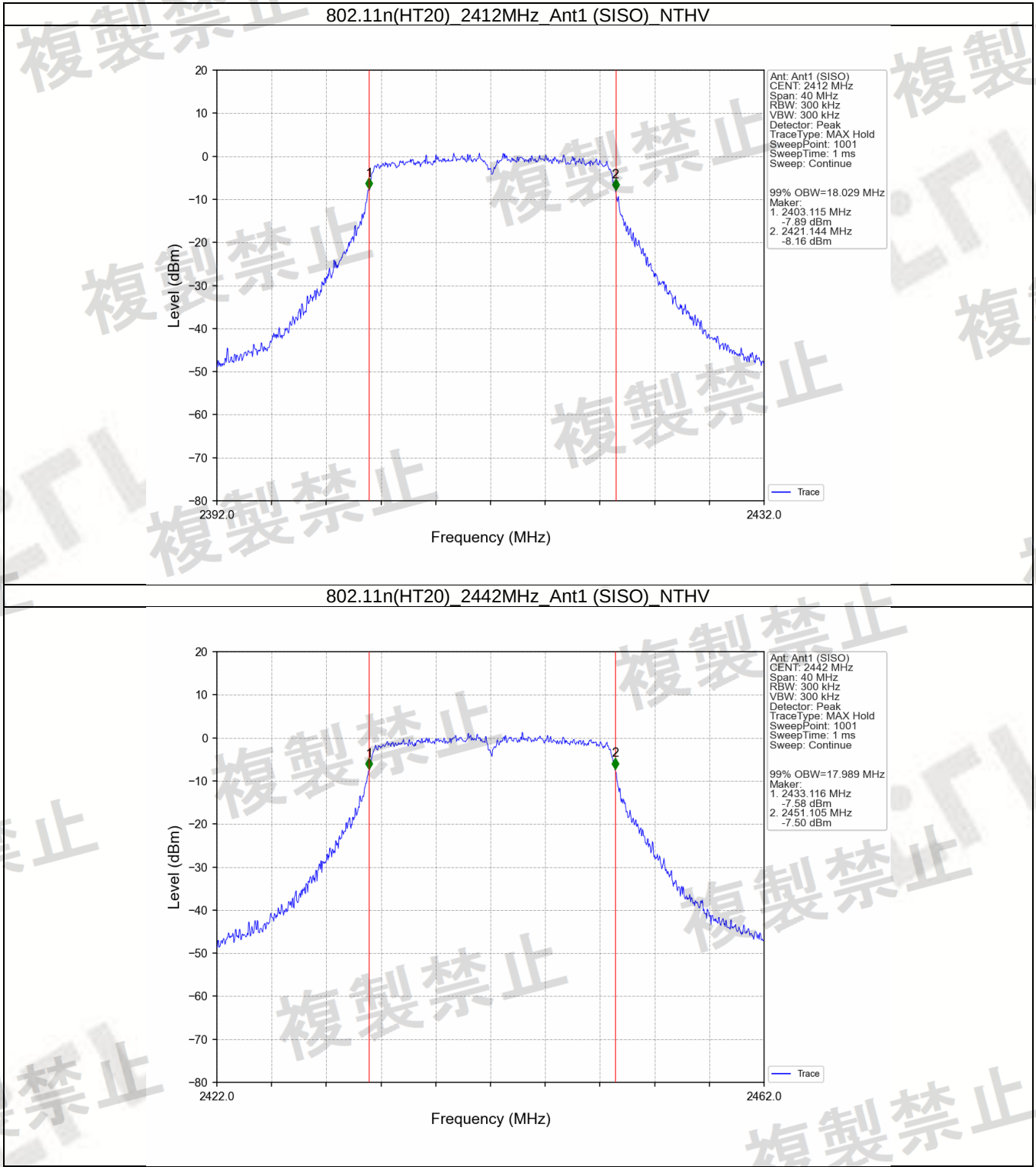
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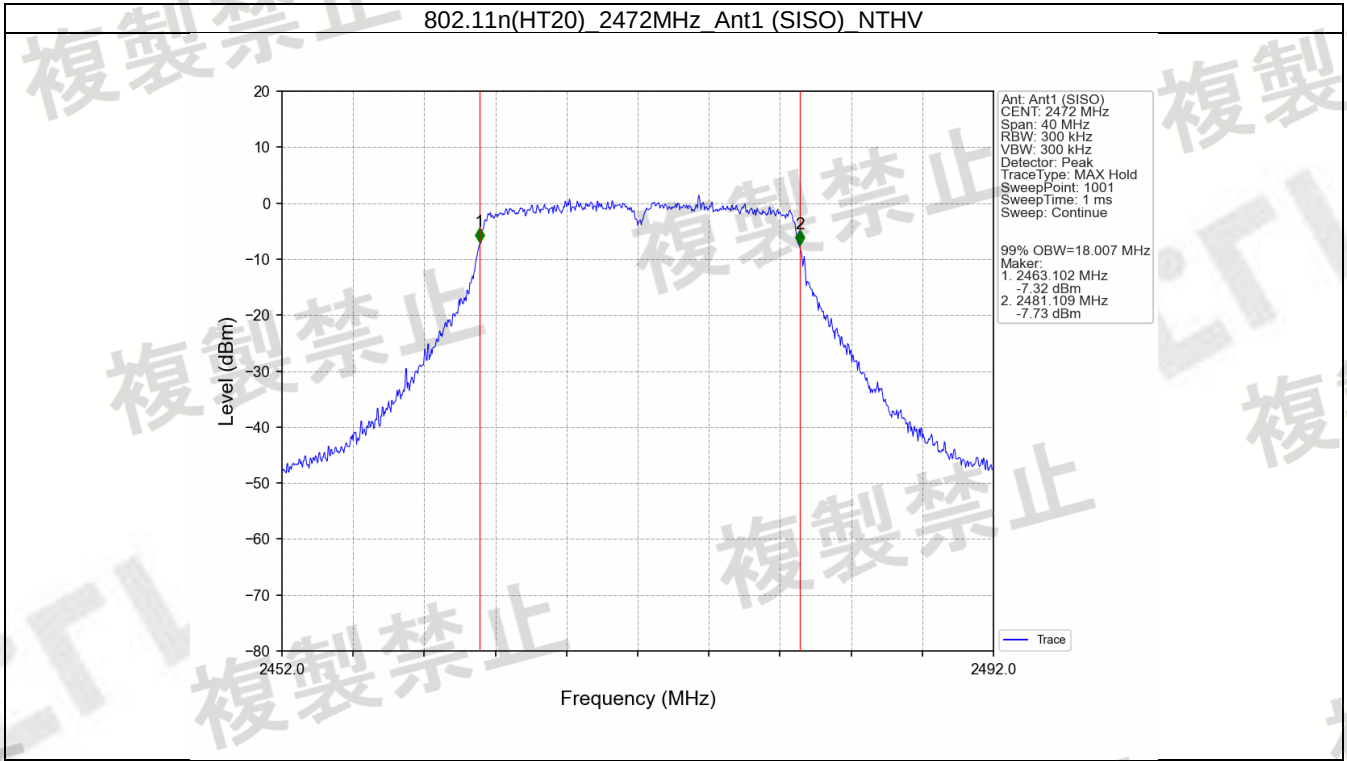
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MIC: 219-259553



MIC: 219-259553



MIC: 219-259553

3. Spread Bandwidth

3.1 Test Result

3.1.1 SPBW

ENV	Mode	TX Type	Frequency (MHz)	Spread Bandwidth (MHz)		Verdict
				ANT1	Limit	
NTNV	802.11b	SISO	2412	9.085	≥ 0.5	Pass
			2442	9.056	≥ 0.5	Pass
			2472	9.072	≥ 0.5	Pass
NTLV	802.11b	SISO	2412	9.079	≥ 0.5	Pass
			2442	9.054	≥ 0.5	Pass
			2472	9.066	≥ 0.5	Pass
NTHV	802.11b	SISO	2412	9.084	≥ 0.5	Pass
			2442	9.058	≥ 0.5	Pass
			2472	9.070	≥ 0.5	Pass

3.1.2 SpreadFactor

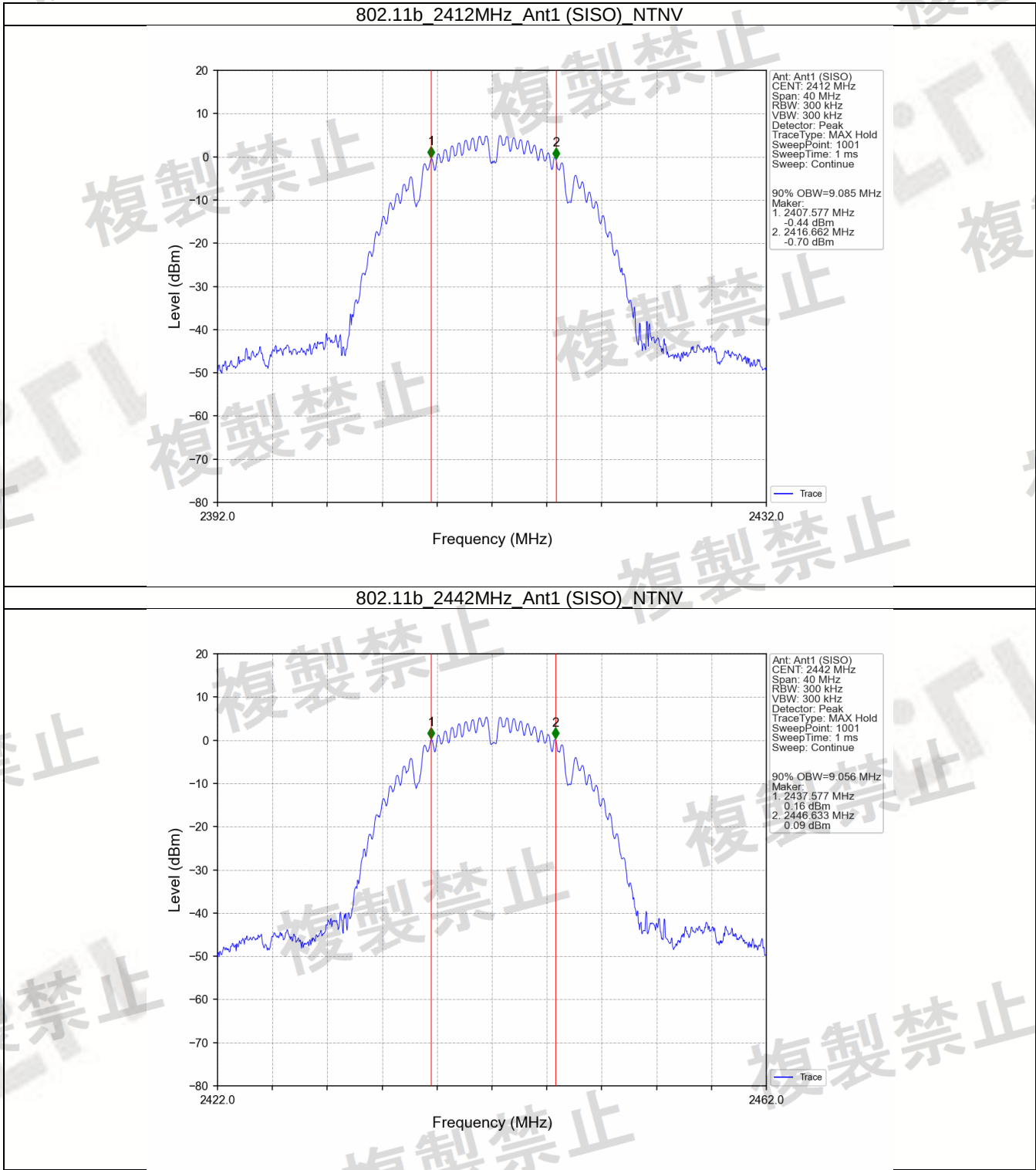
ENV	Mode	TX Type	Frequency (MHz)	Spread Factor		Verdict
				ANT1	Limit	
NTNV	802.11b	SISO	2412	6.610	≥ 5	Pass
			2442	6.590	≥ 5	Pass
			2472	6.600	≥ 5	Pass
NTLV	802.11b	SISO	2412	6.600	≥ 5	Pass
			2442	6.580	≥ 5	Pass
			2472	6.590	≥ 5	Pass
NTHV	802.11b	SISO	2412	6.610	≥ 5	Pass
			2442	6.590	≥ 5	Pass
			2472	6.600	≥ 5	Pass

Note1: Spread Factor = Spread Bandwidth / Symbol Rate, For 802.11b mode, Symbol Rate = 1.375

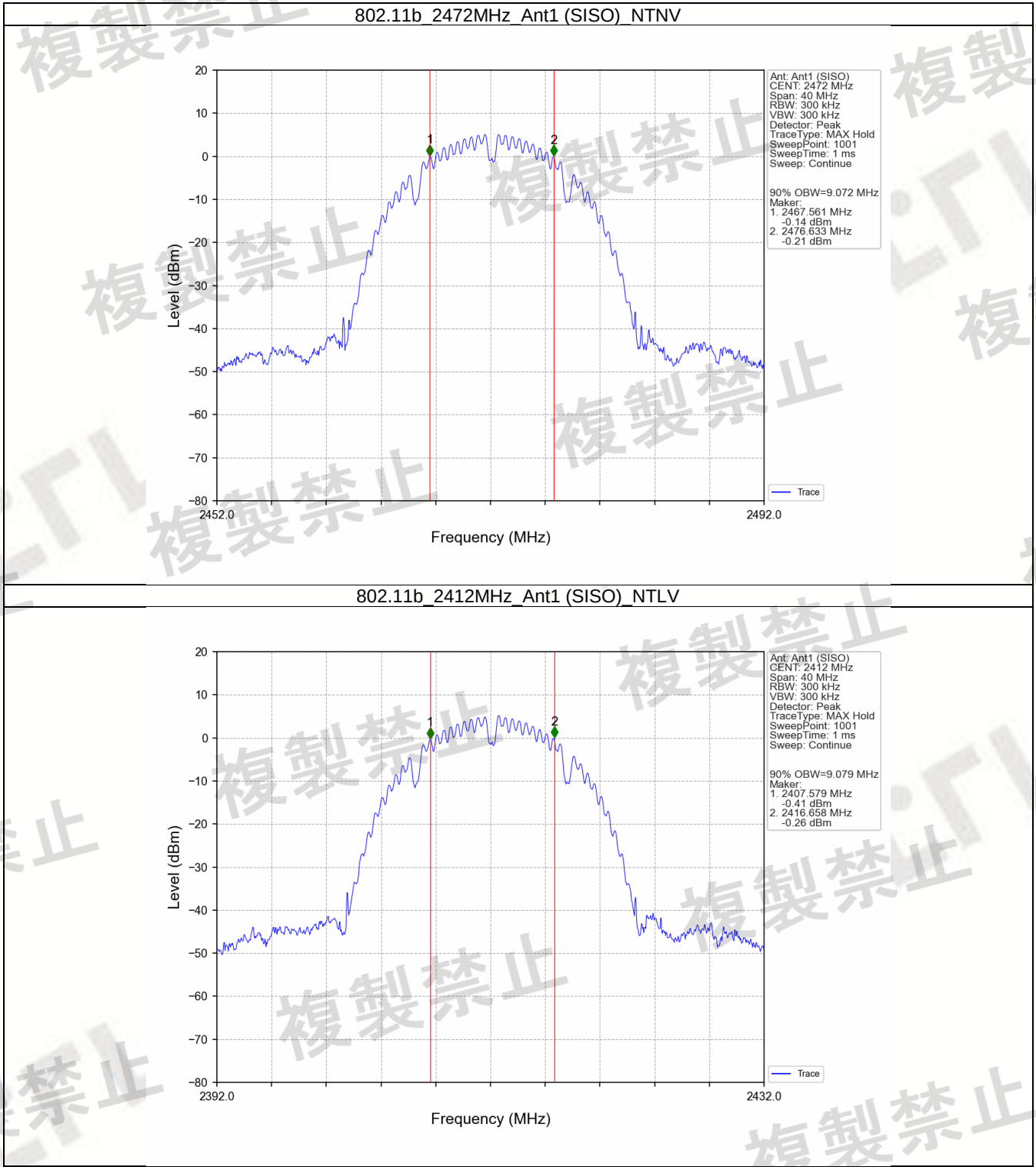
MIC: 219-259553

3.2 Test Graph

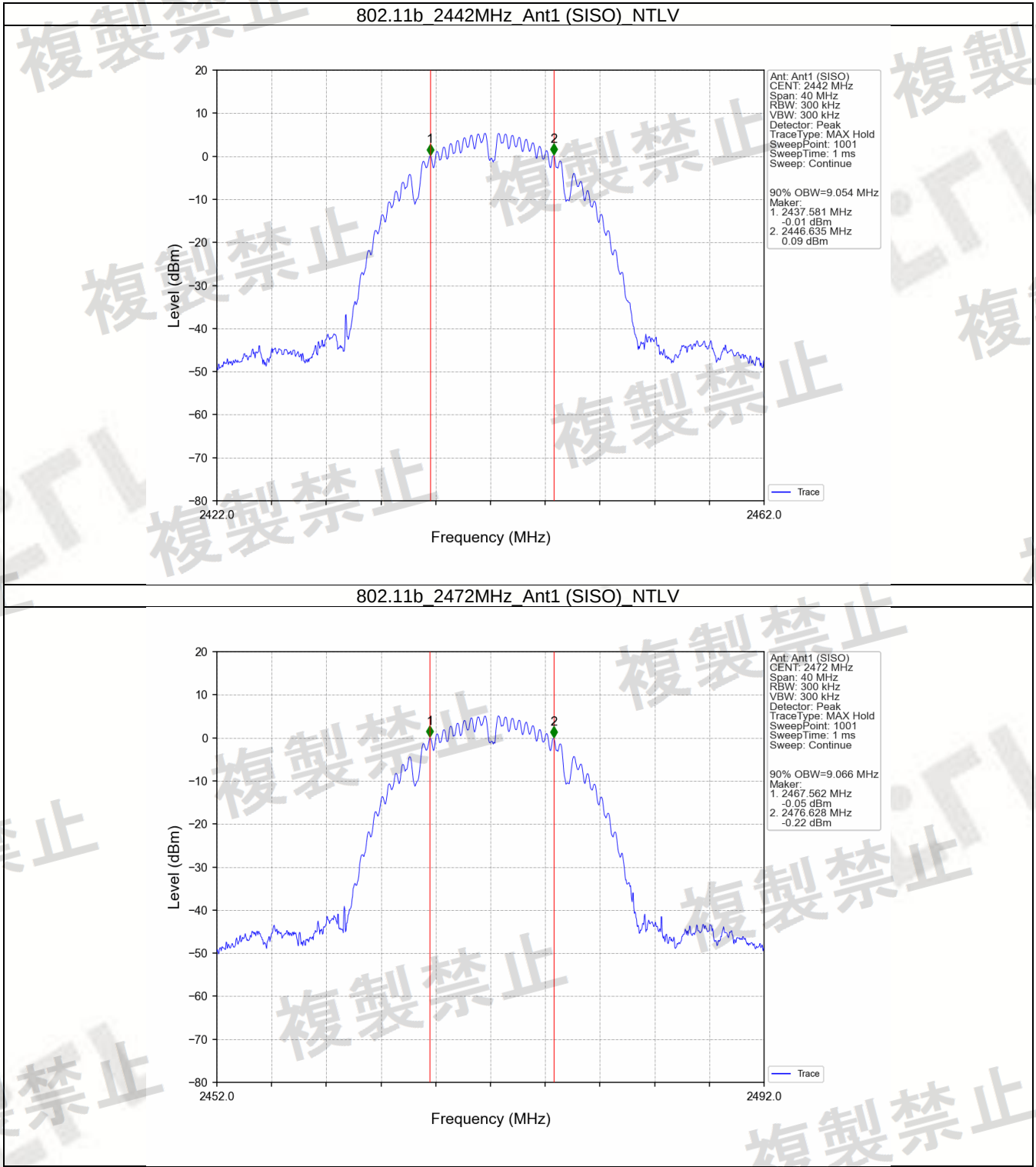
3.2.1 SPBW



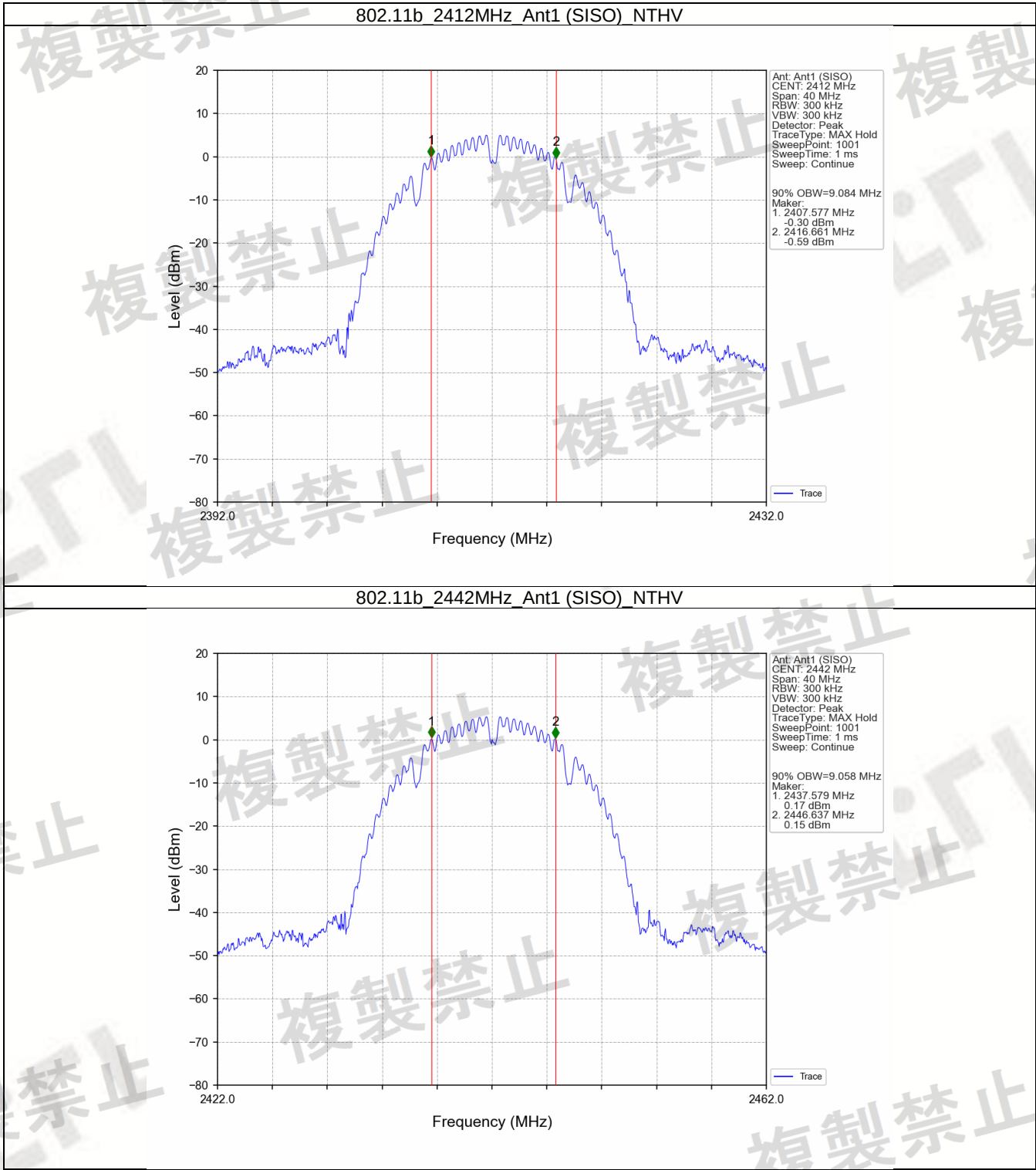
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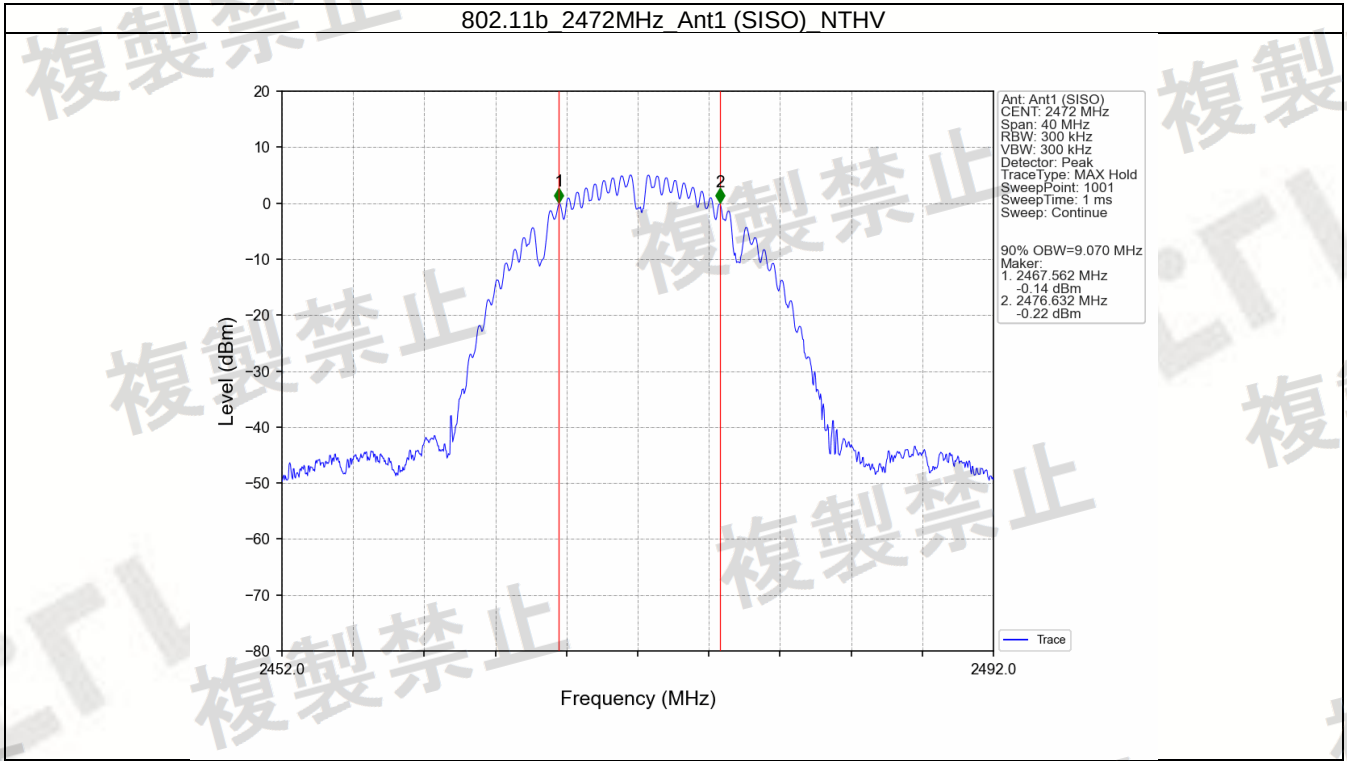
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4. Antenna Power

4.1 Test Result

4.1.1 Power

ENV	Mode	TX Type	Frequency (MHz)	ANT	Antenna Power (mW/MHz)		Nominal Power (mW/MHz)	Tolerance (%)		Verdict
					Measured	Limit		Measured	Limit	
NTNV	802.11b	SISO	2412	1	1.900	<=10.00	1.900	0.00	20	Pass
			2442	1	2.155	<=10.00	1.900	13.42	20	Pass
			2472	1	1.915	<=10.00	1.900	0.79	20	Pass
	802.11g	SISO	2412	1	0.620	<=10.00	0.620	0.00	20	Pass
			2442	1	0.743	<=10.00	0.620	19.84	20	Pass
			2472	1	0.505	<=10.00	0.620	-18.55	20	Pass
	802.11n (HT20)	SISO	2412	1	0.635	<=10.00	0.630	0.79	20	Pass
			2442	1	0.700	<=10.00	0.630	11.11	20	Pass
			2472	1	0.669	<=10.00	0.630	6.19	20	Pass
NTLV	802.11b	SISO	2412	1	1.865	<=10.00	1.900	-1.84	20	Pass
			2442	1	2.047	<=10.00	1.900	7.74	20	Pass
			2472	1	1.915	<=10.00	1.900	0.79	20	Pass
	802.11g	SISO	2412	1	0.580	<=10.00	0.620	-6.45	20	Pass
			2442	1	0.631	<=10.00	0.620	1.77	20	Pass
			2472	1	0.705	<=10.00	0.620	13.71	20	Pass
	802.11n (HT20)	SISO	2412	1	0.646	<=10.00	0.630	2.54	20	Pass
			2442	1	0.669	<=10.00	0.630	6.19	20	Pass
			2472	1	0.633	<=10.00	0.630	0.48	20	Pass
NTHV	802.11b	SISO	2412	1	1.841	<=10.00	1.900	-3.11	20	Pass
			2442	1	2.050	<=10.00	1.900	7.89	20	Pass
			2472	1	1.927	<=10.00	1.900	1.42	20	Pass
	802.11g	SISO	2412	1	0.603	<=10.00	0.620	-2.74	20	Pass
			2442	1	0.709	<=10.00	0.620	14.35	20	Pass
			2472	1	0.687	<=10.00	0.620	10.81	20	Pass
	802.11n (HT20)	SISO	2412	1	0.624	<=10.00	0.630	-0.95	20	Pass
			2442	1	0.680	<=10.00	0.630	7.94	20	Pass
			2472	1	0.640	<=10.00	0.630	1.59	20	Pass

4.1.2 EIRP

ENV	Mode	TX Type	Frequency (MHz)	ANT	Gain (dBi)	EIRP (dBm/MHz)		Verdict
						Result	Limit	
NTNV	802.11b	SISO	2412	1	2.55	5.34	12.14	Pass
			2442	1	2.55	5.88	12.14	Pass
			2472	1	2.55	5.37	12.14	Pass
	802.11g	SISO	2412	1	2.55	0.48	12.14	Pass
			2442	1	2.55	1.26	12.14	Pass
			2472	1	2.55	-0.42	12.14	Pass
	802.11n (HT20)	SISO	2412	1	2.55	0.58	12.14	Pass
			2442	1	2.55	1.00	12.14	Pass
			2472	1	2.55	0.80	12.14	Pass
NTLV	802.11b	SISO	2412	1	2.55	5.26	12.14	Pass
			2442	1	2.55	5.66	12.14	Pass
			2472	1	2.55	5.37	12.14	Pass
	802.11g	SISO	2412	1	2.55	0.18	12.14	Pass

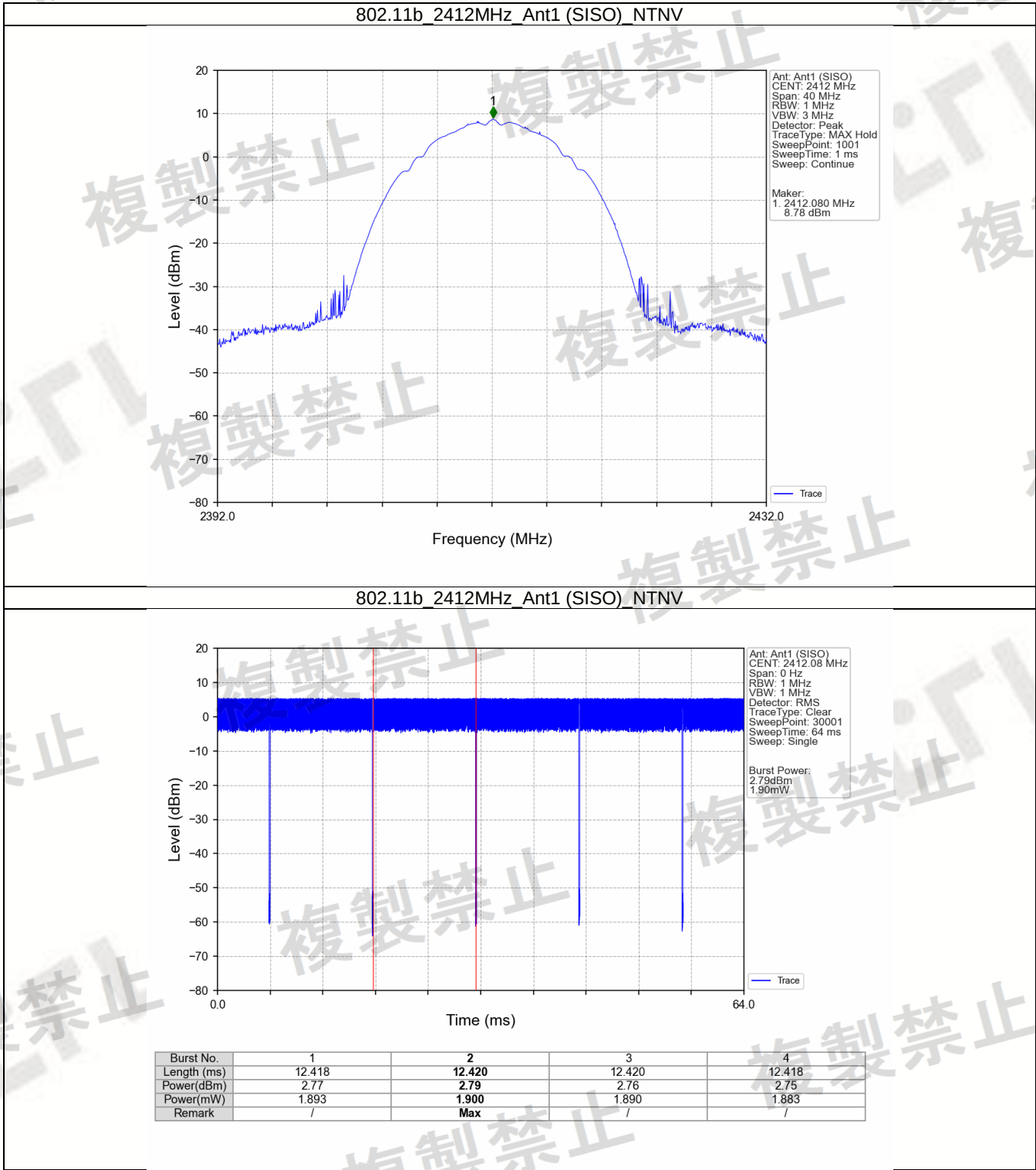
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	802.11n (HT20)	SISO	2442	1	2.55	0.55	12.14	Pass
			2472	1	2.55	1.03	12.14	Pass
			2412	1	2.55	0.66	12.14	Pass
			2442	1	2.55	0.80	12.14	Pass
			2472	1	2.55	0.56	12.14	Pass
NTHV	802.11b	SISO	2412	1	2.55	5.20	12.14	Pass
			2442	1	2.55	5.67	12.14	Pass
			2472	1	2.55	5.40	12.14	Pass
	802.11g	SISO	2412	1	2.55	0.35	12.14	Pass
			2442	1	2.55	1.05	12.14	Pass
			2472	1	2.55	0.92	12.14	Pass
	802.11n (HT20)	SISO	2412	1	2.55	0.50	12.14	Pass
			2442	1	2.55	0.88	12.14	Pass
			2472	1	2.55	0.61	12.14	Pass

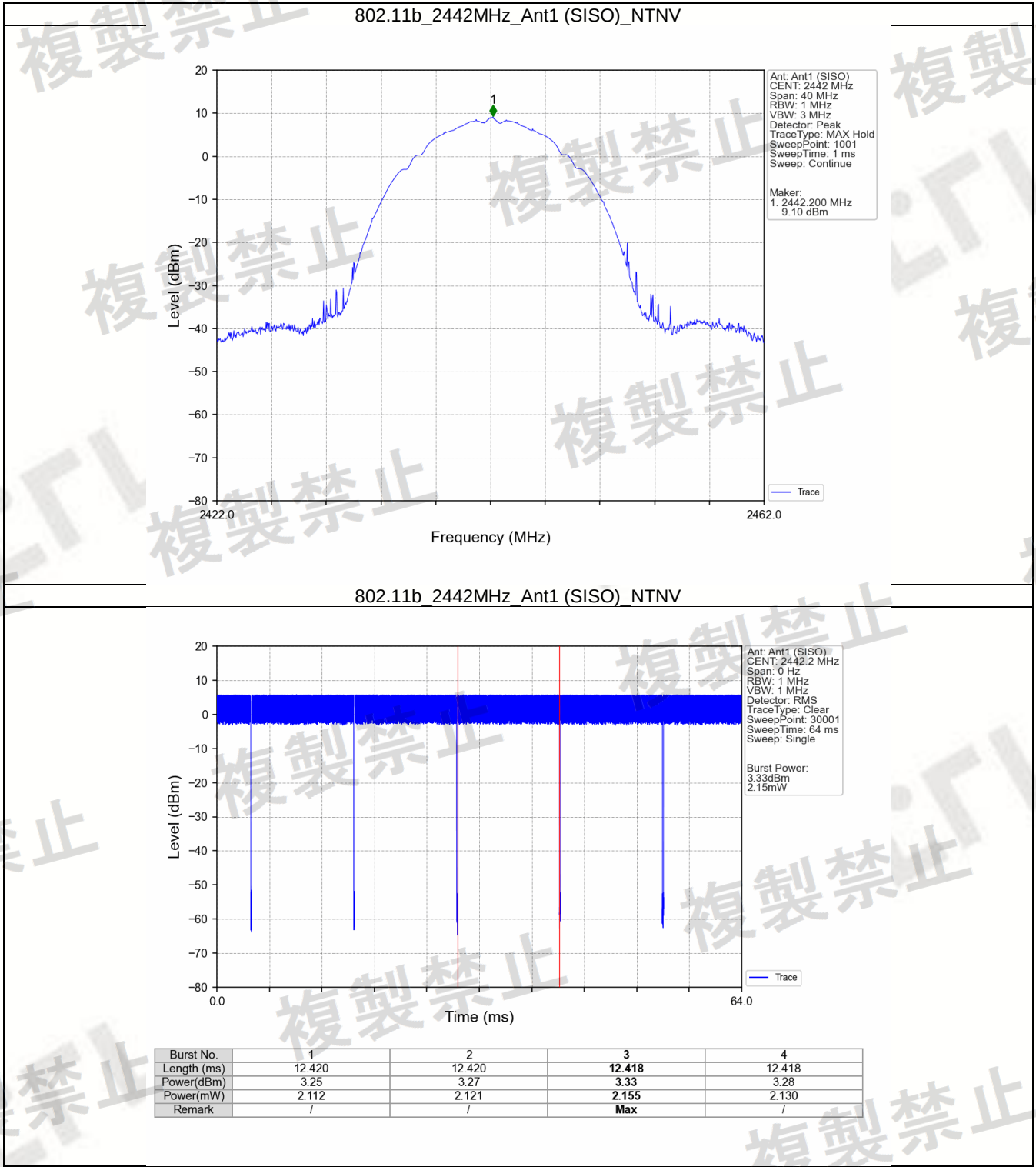
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4.2 Test Graph

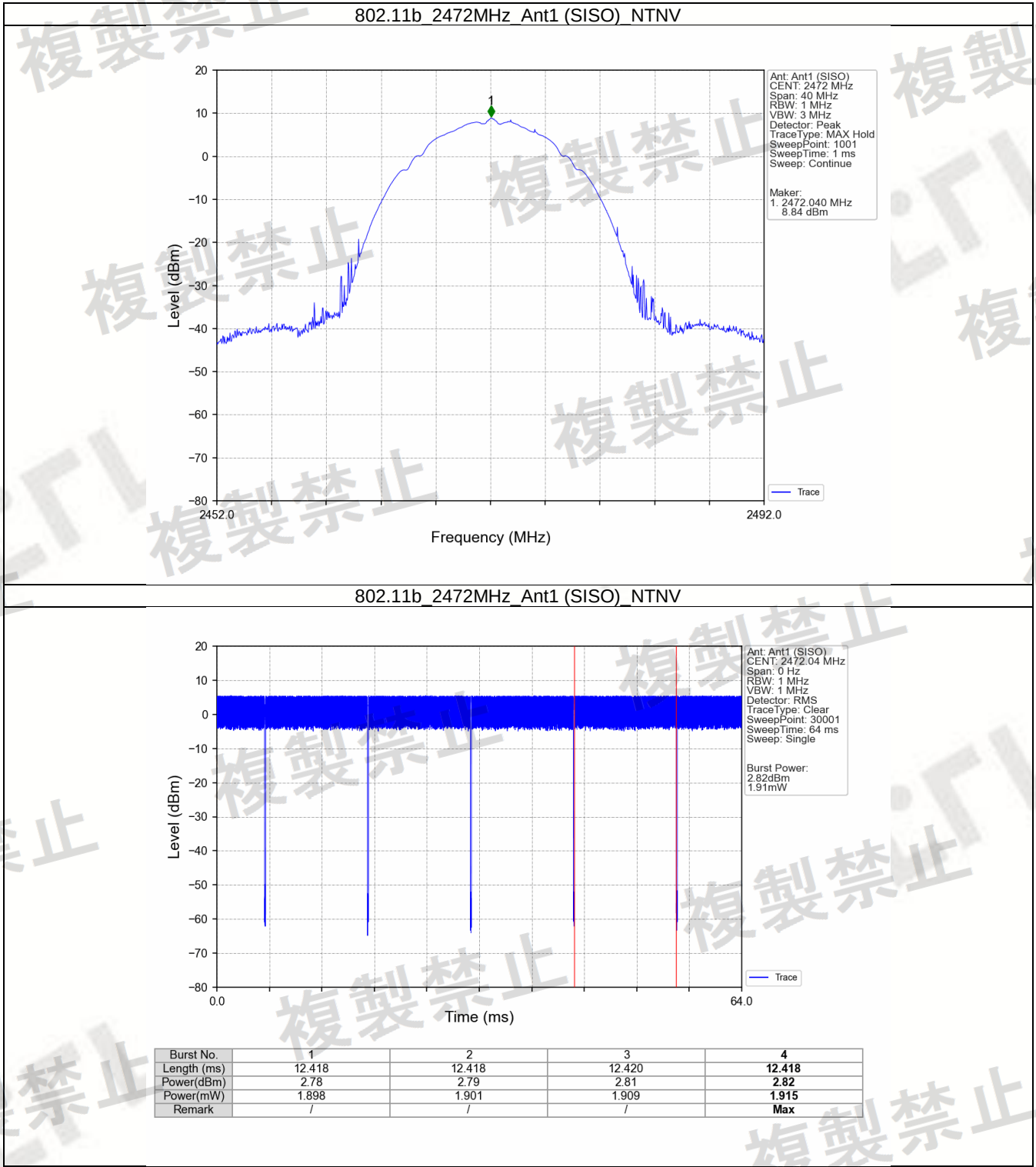
4.2.1 Power



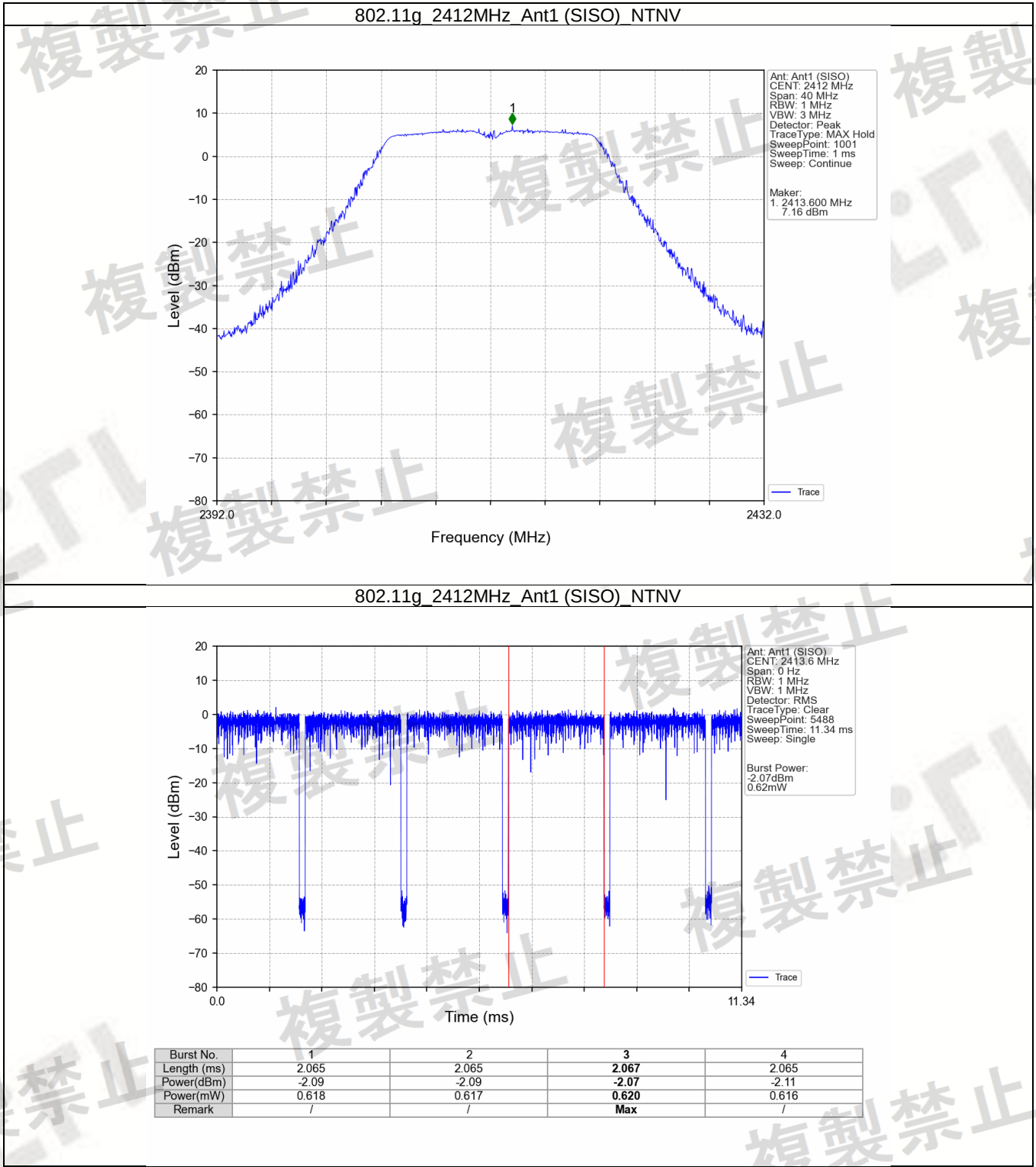
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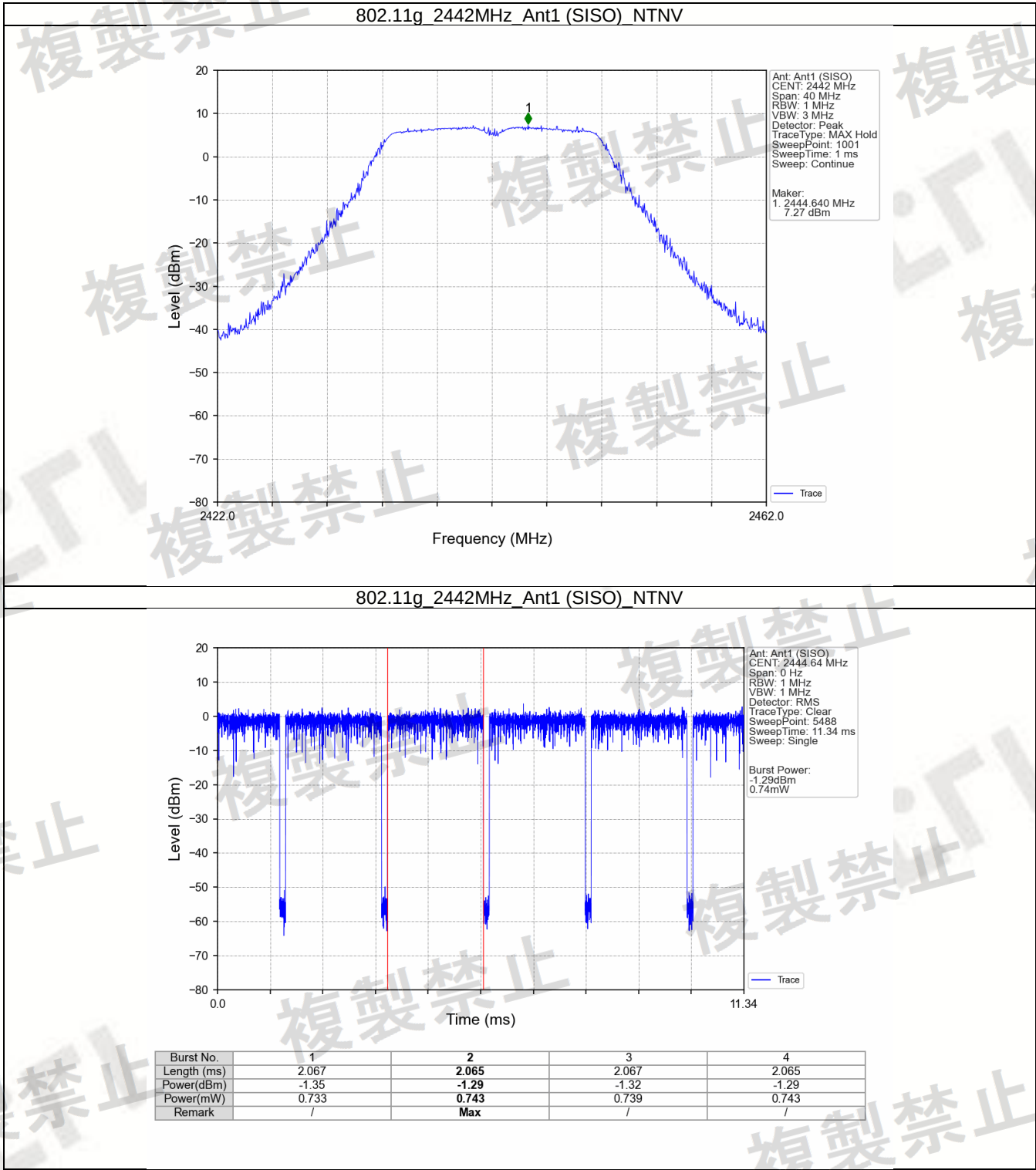
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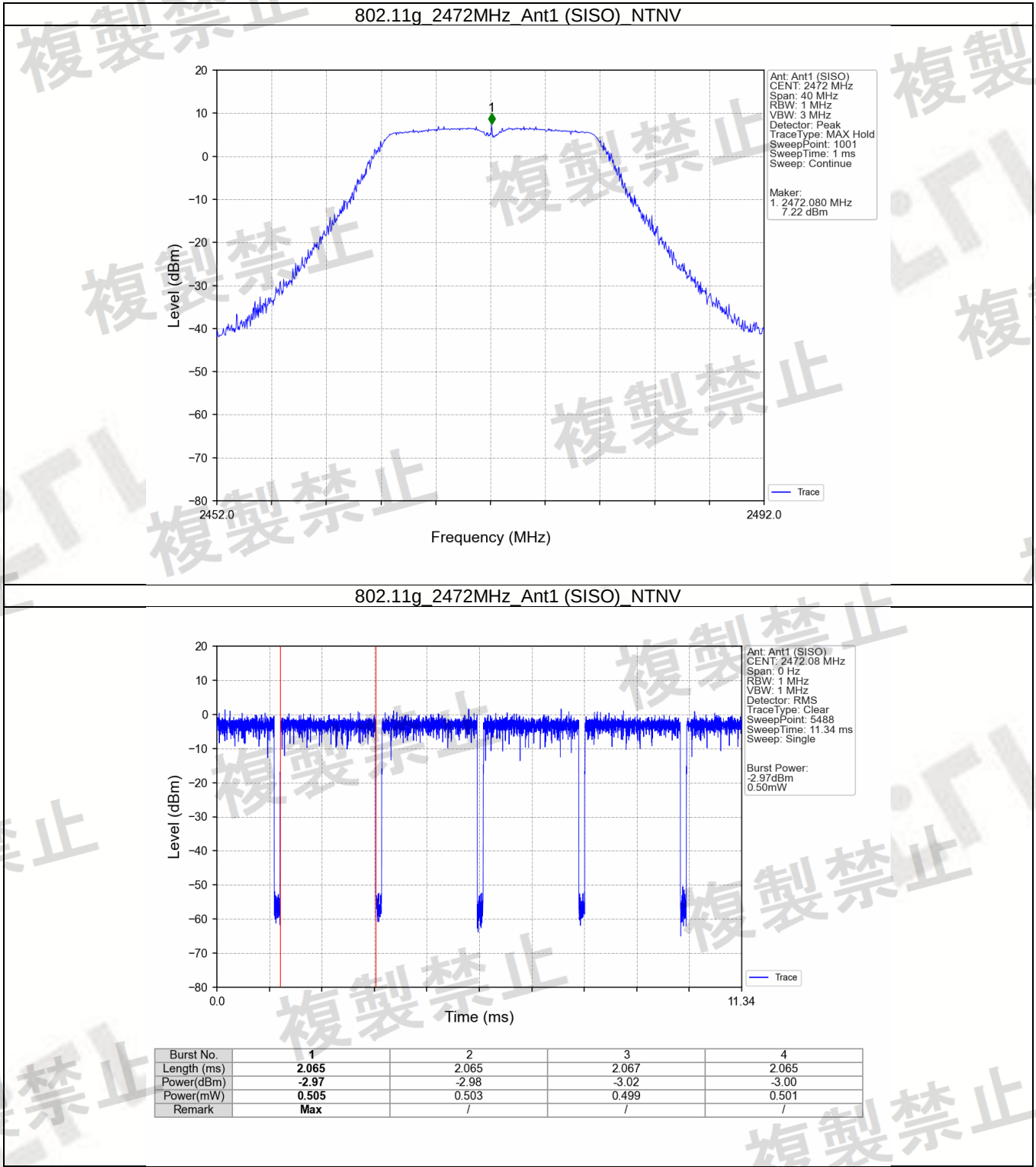
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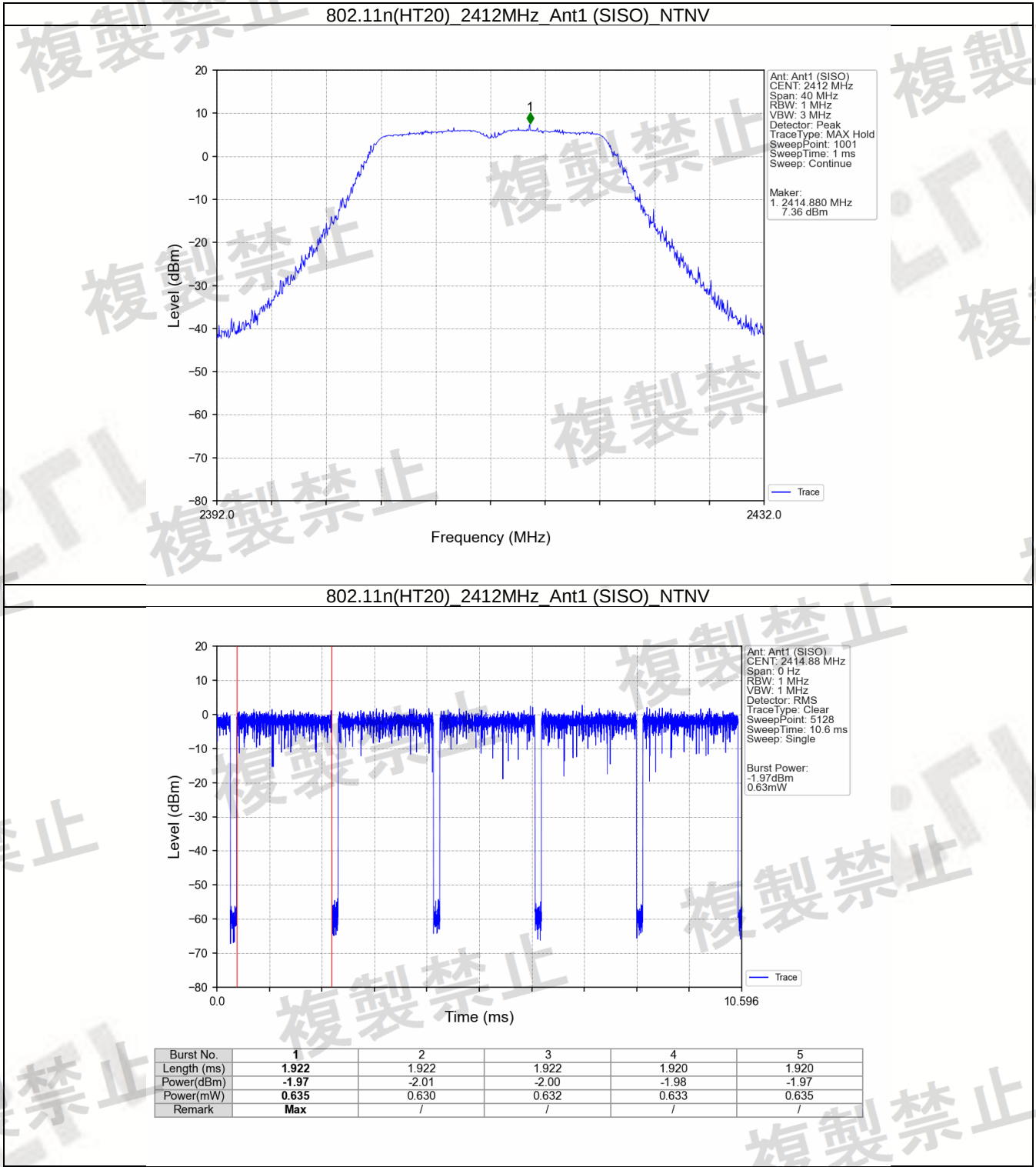
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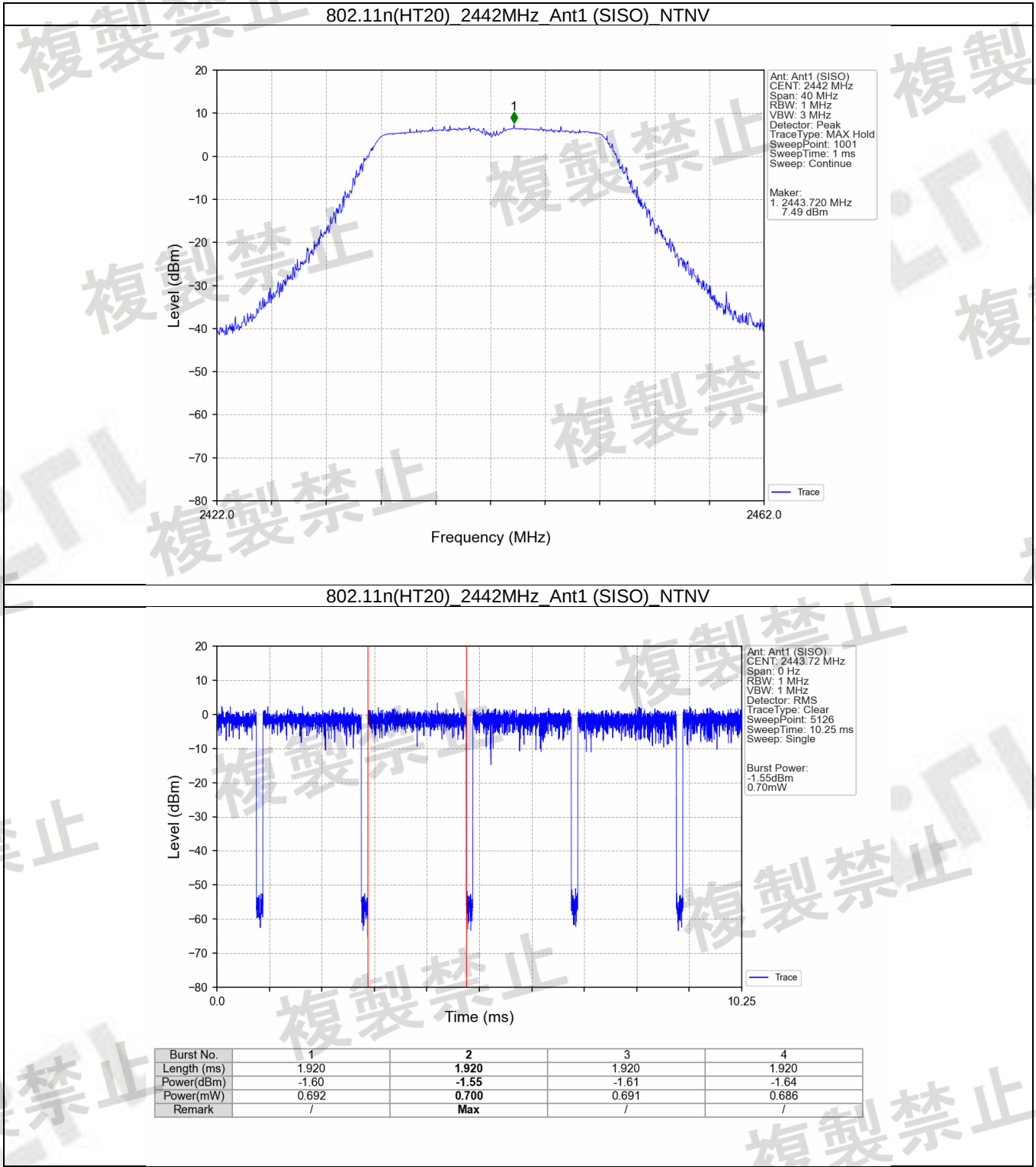
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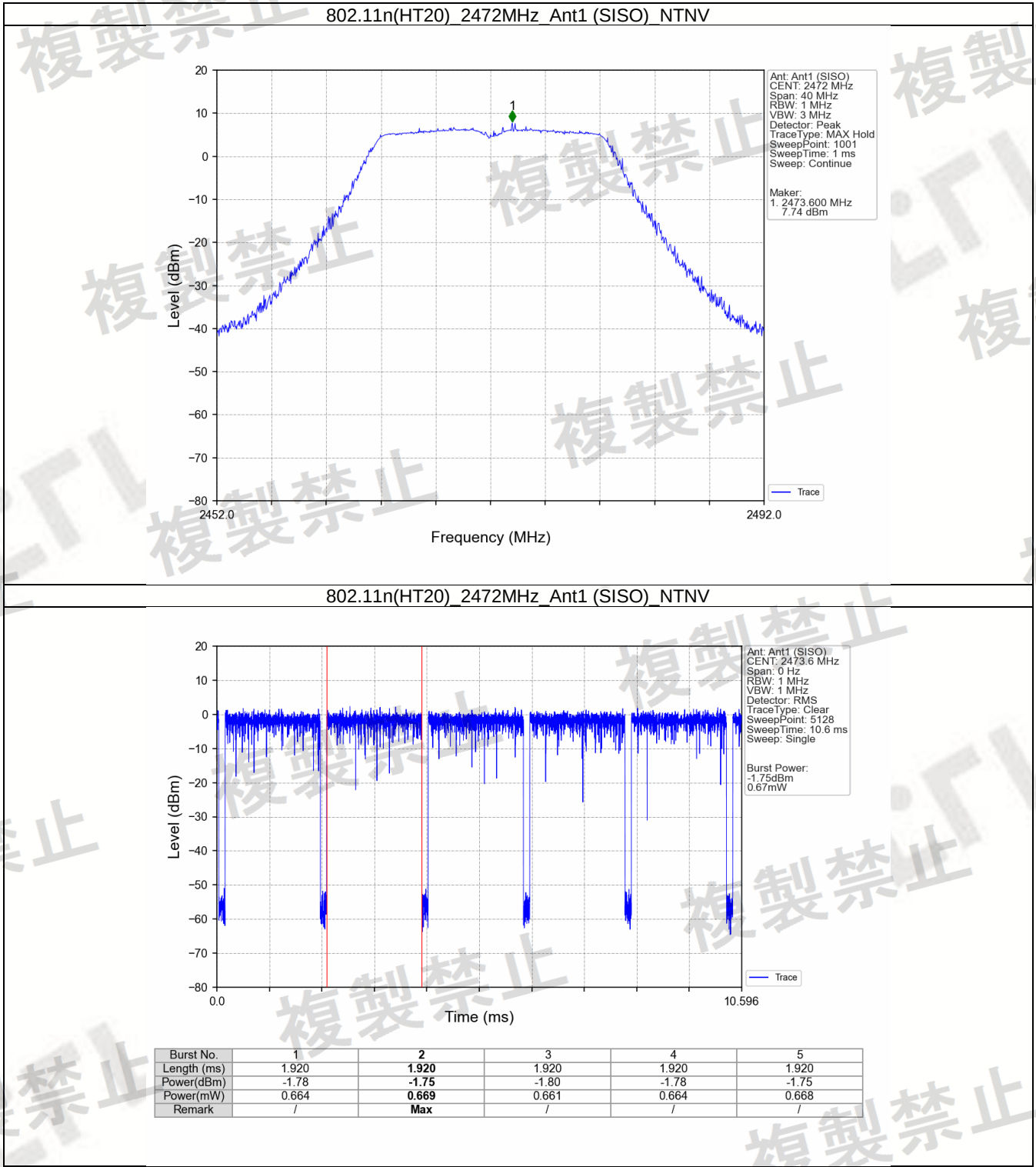
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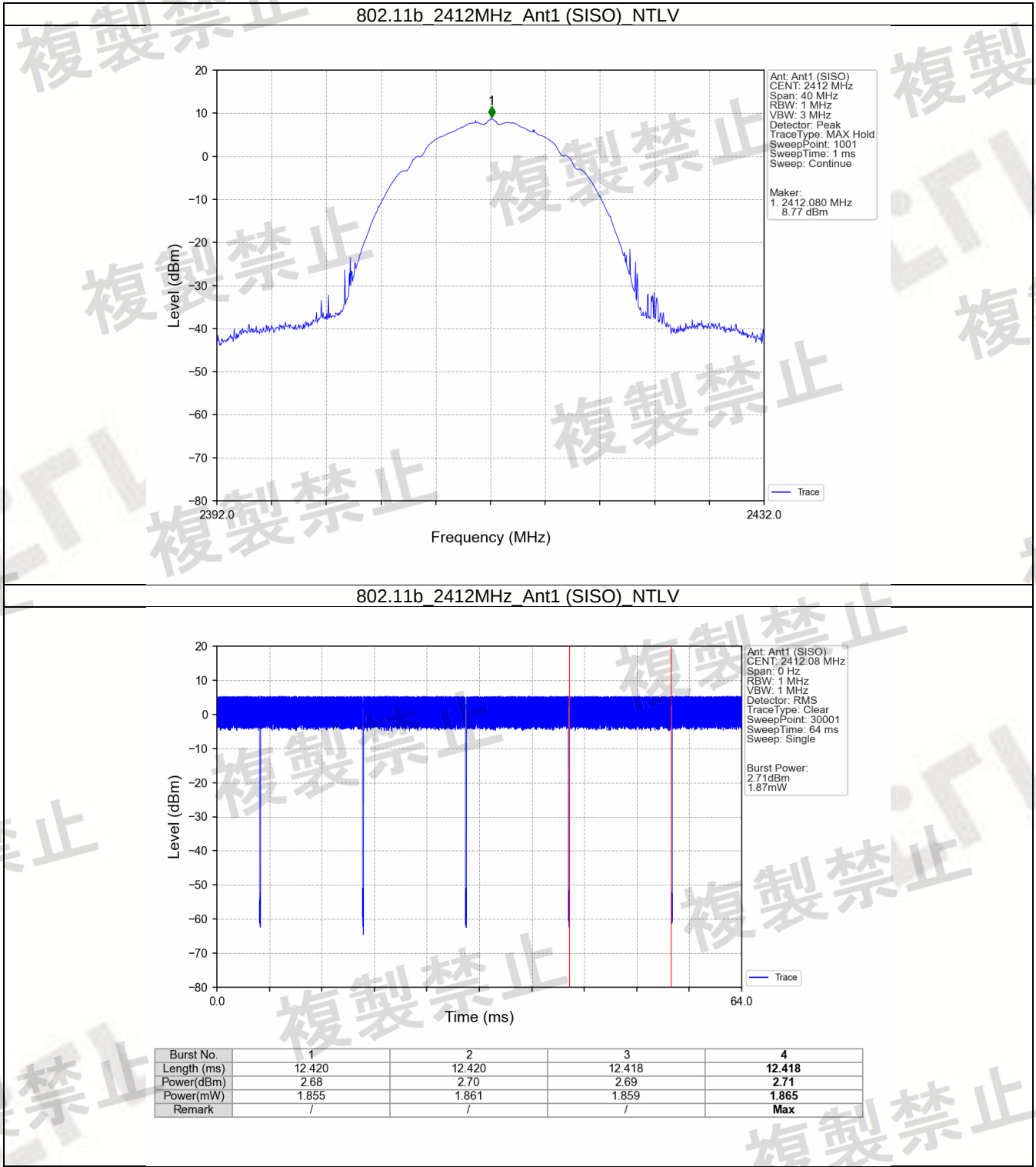
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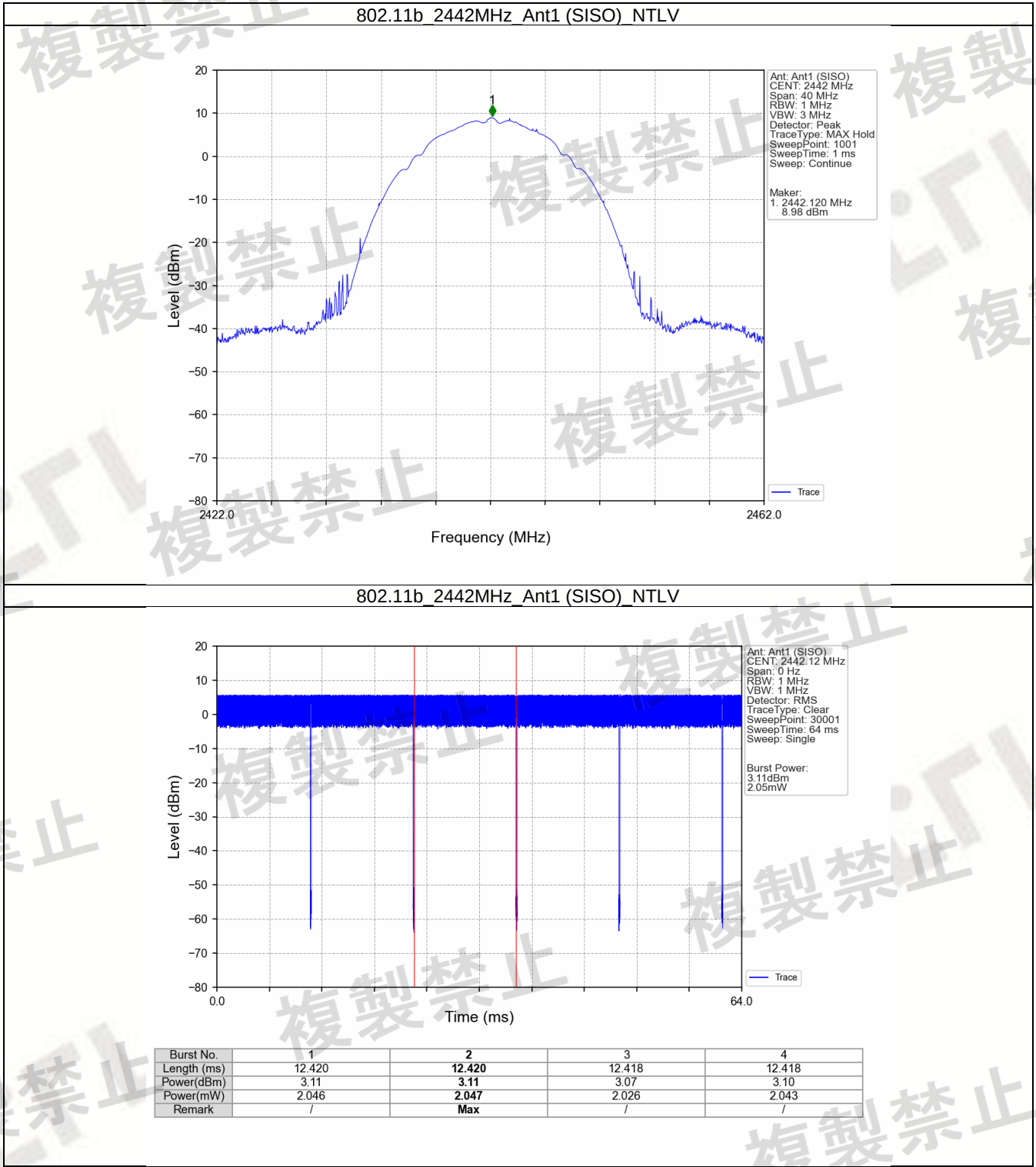
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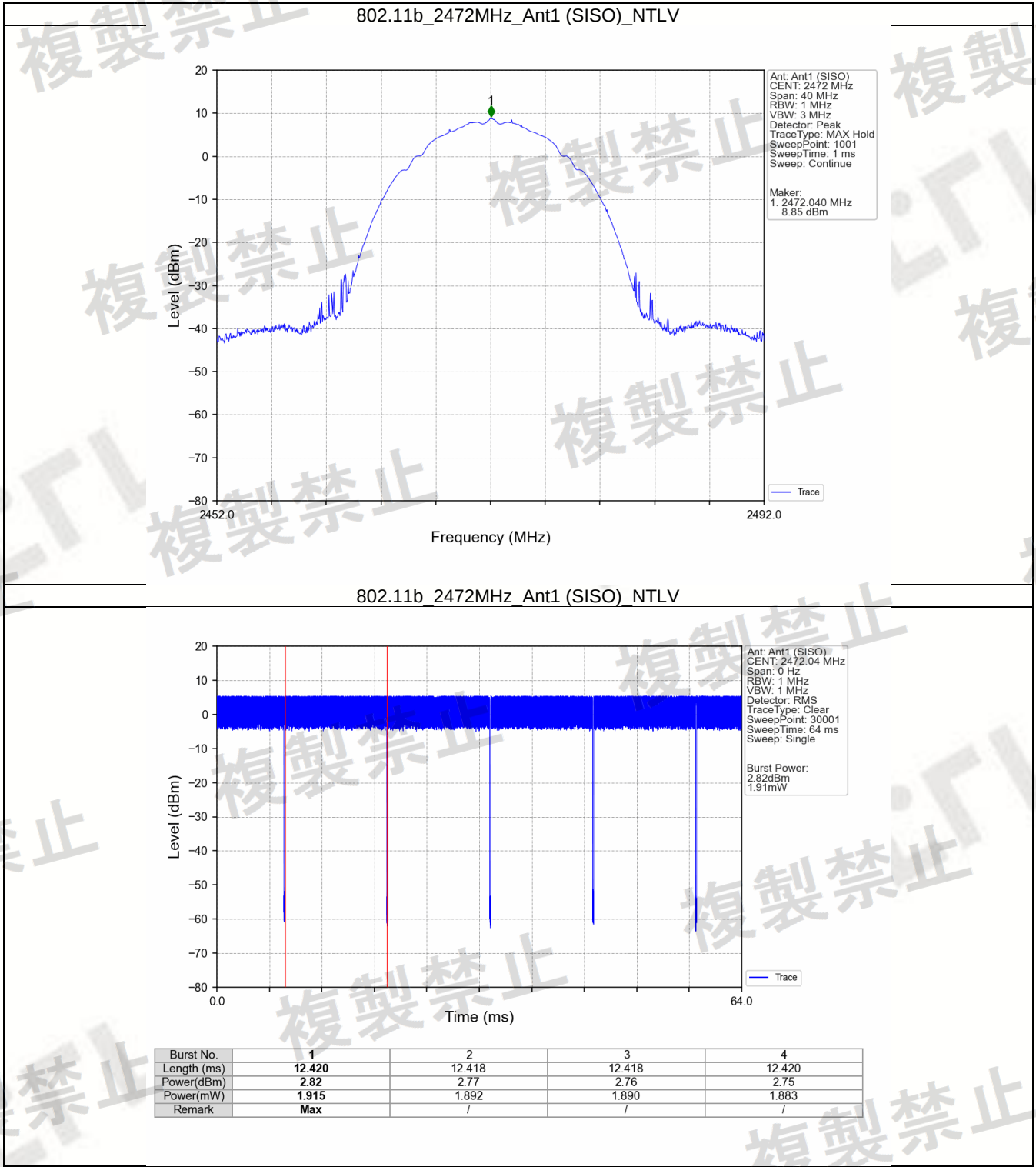
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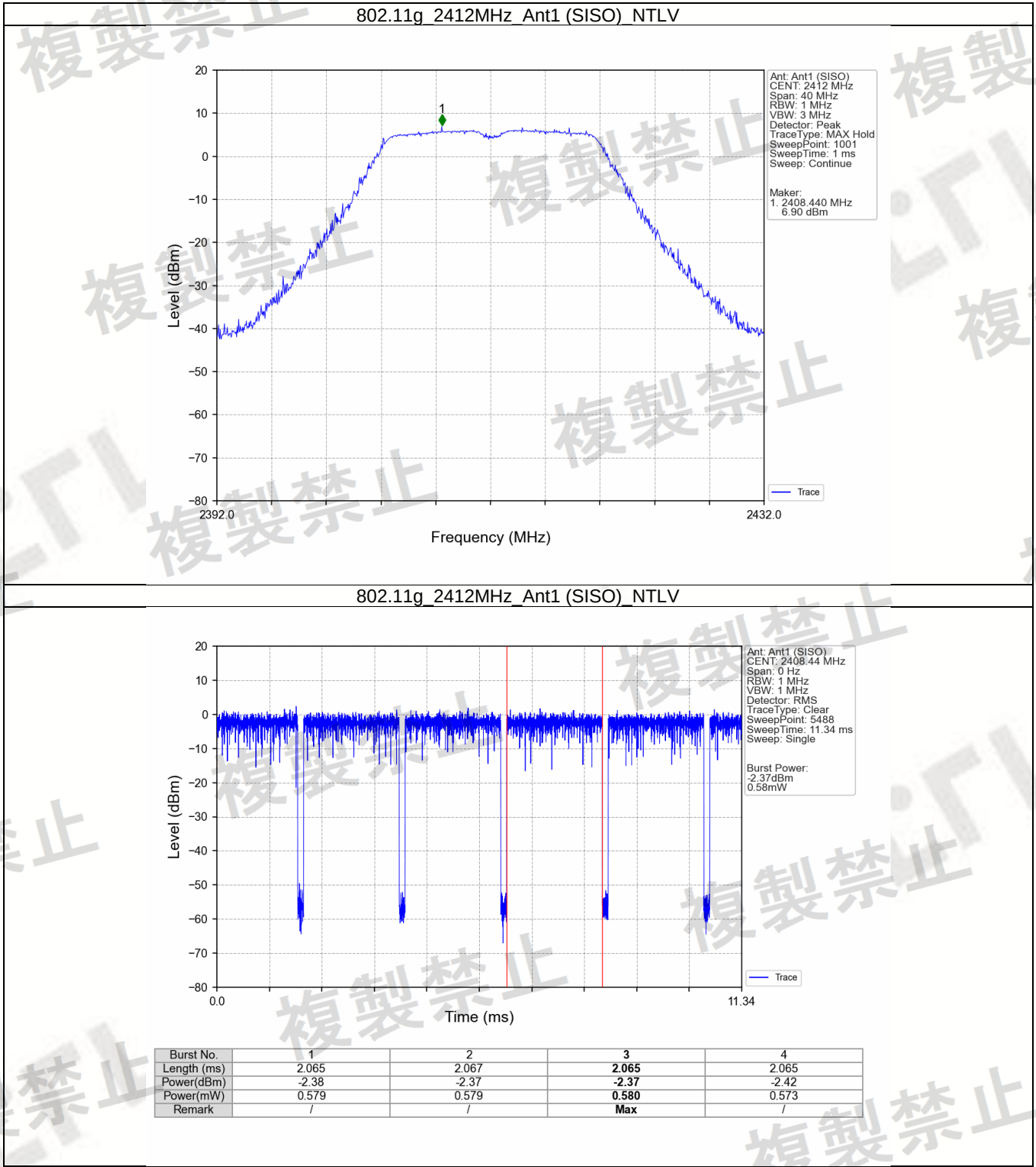
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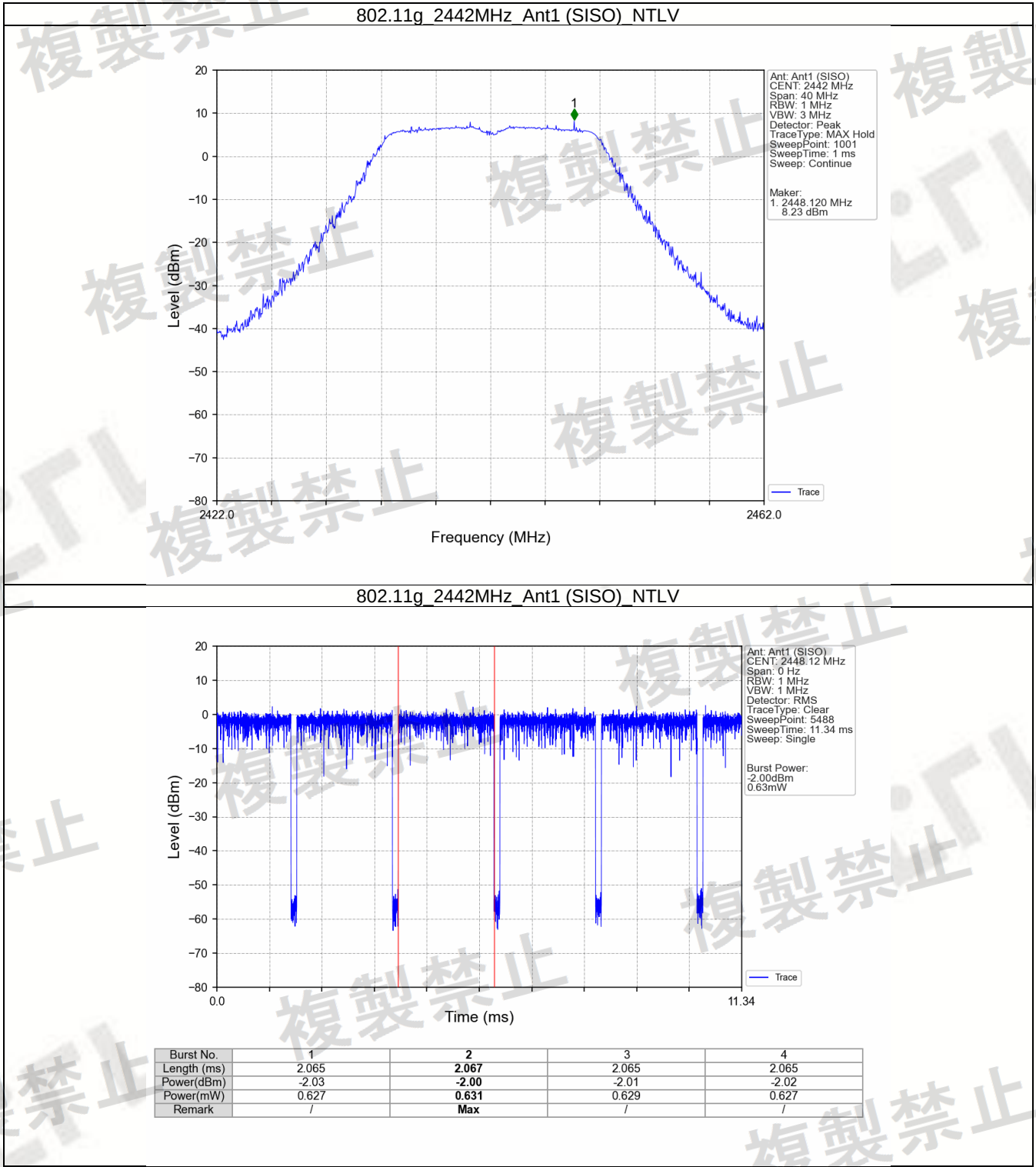
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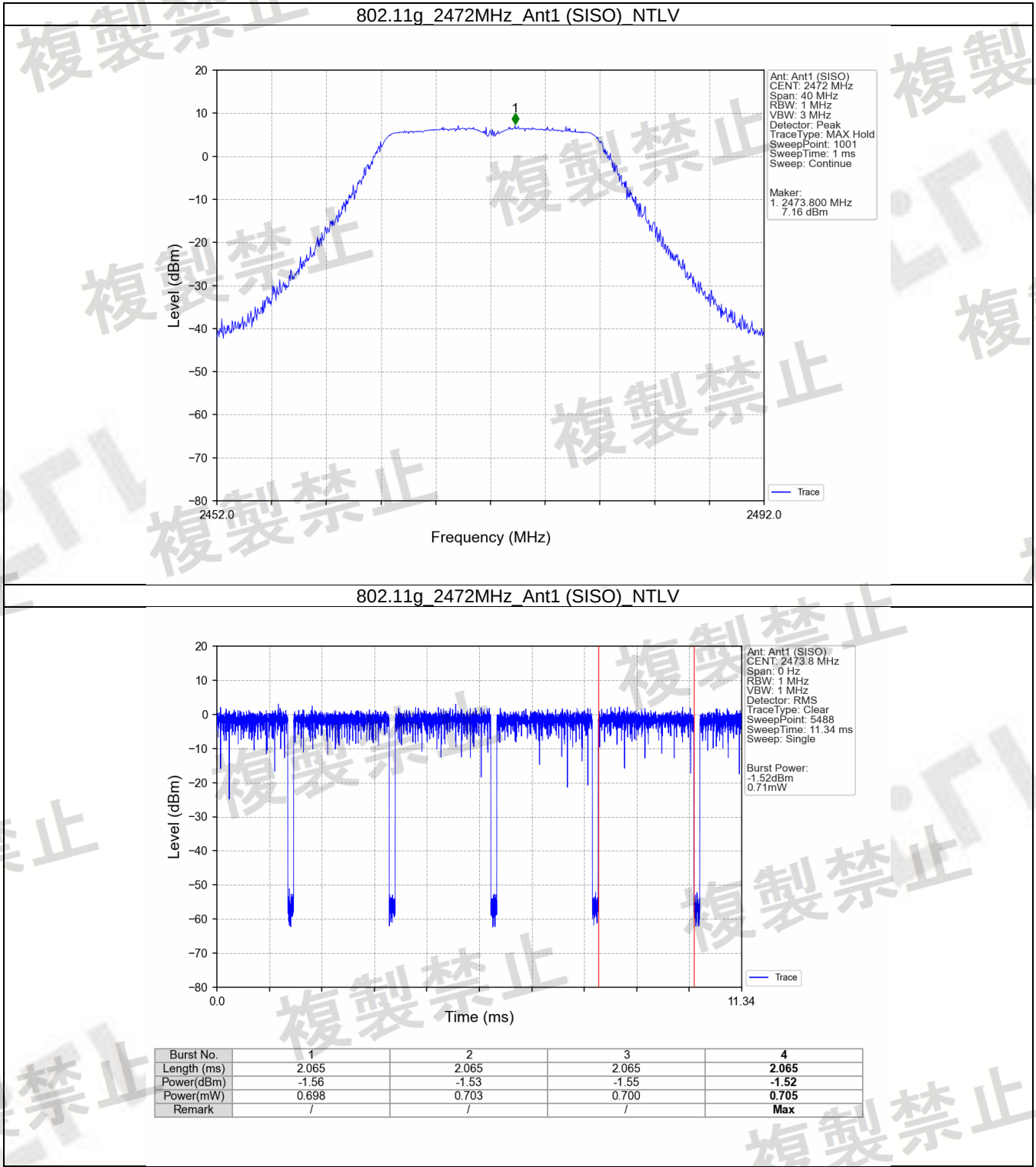
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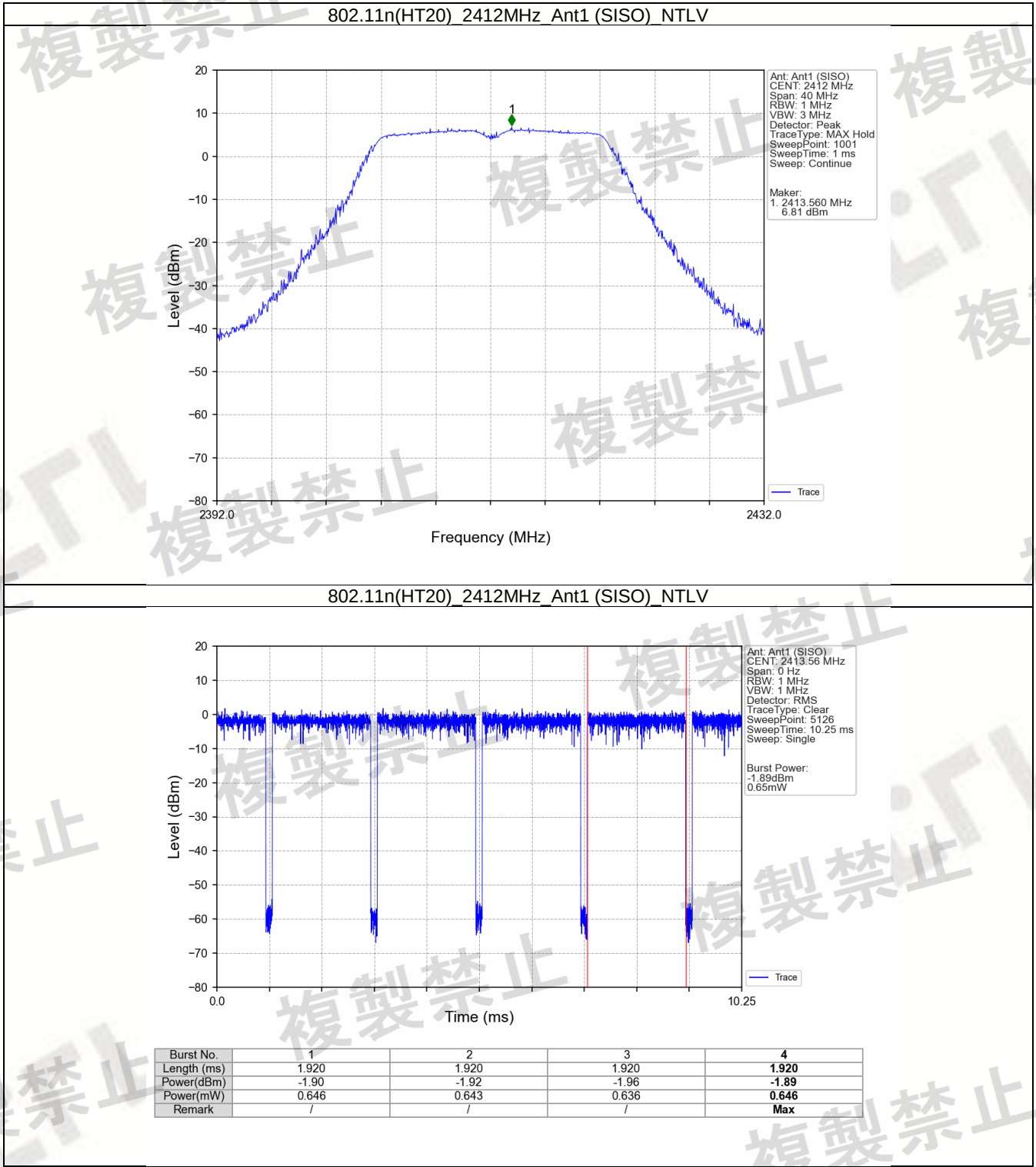
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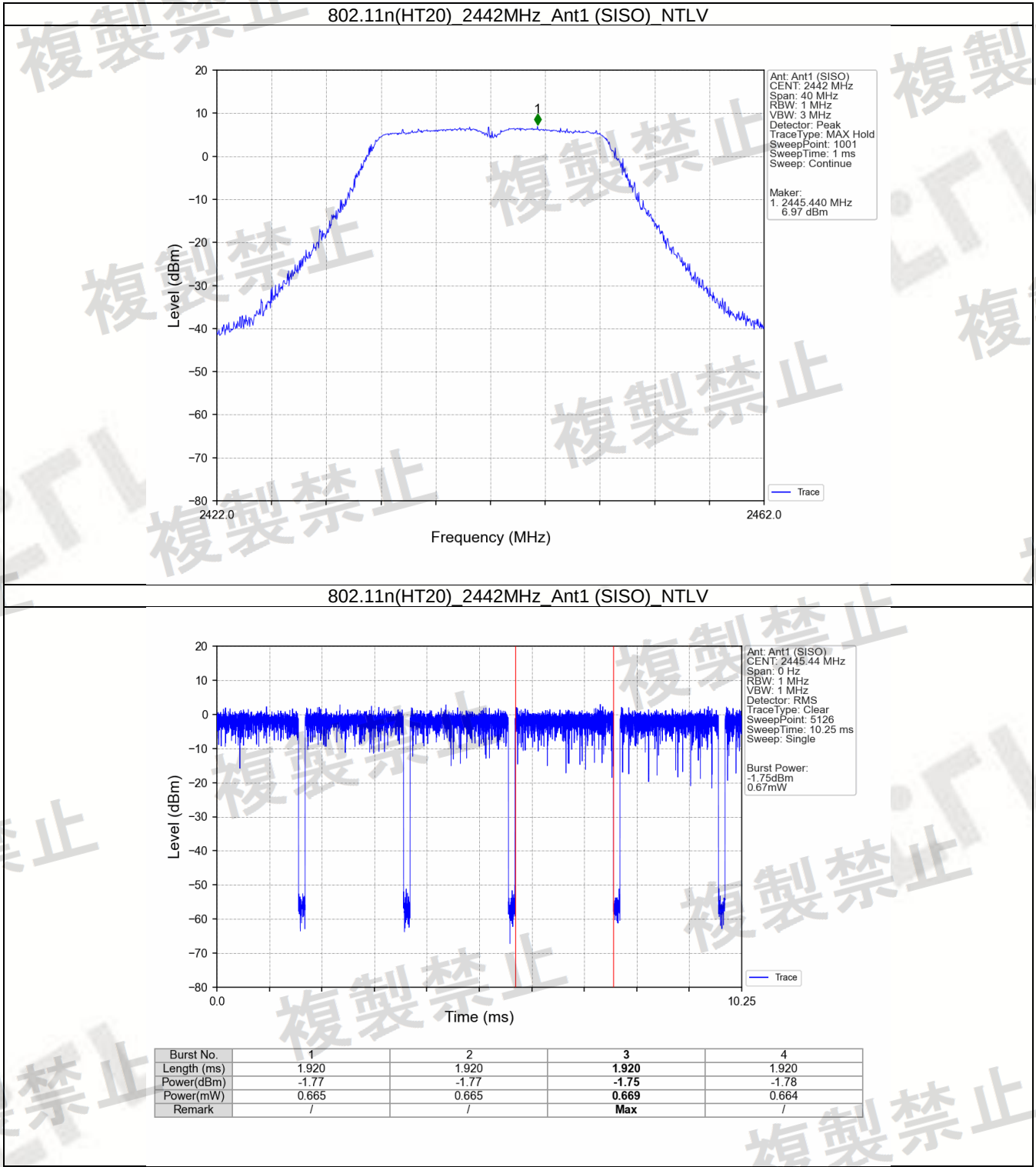
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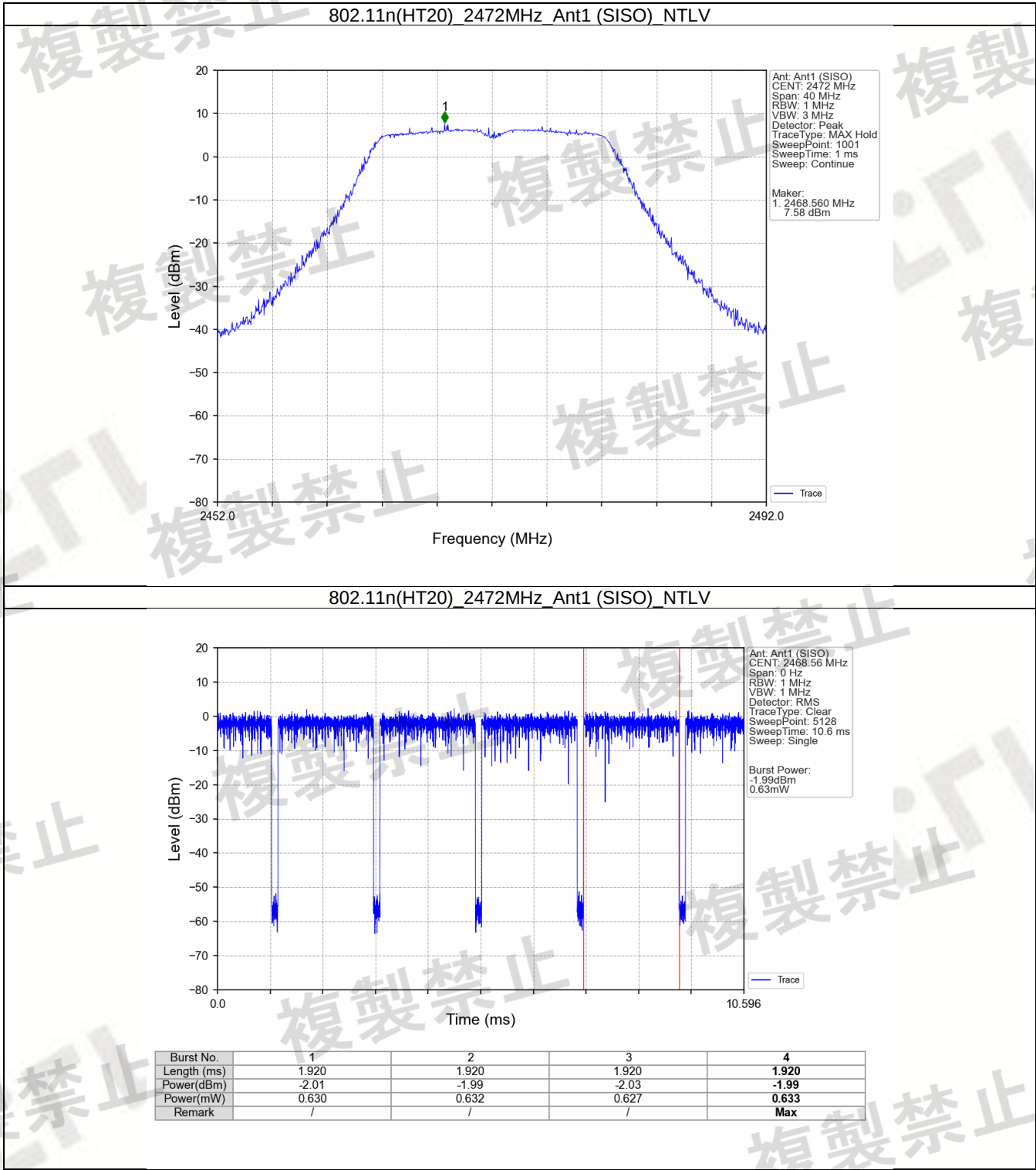
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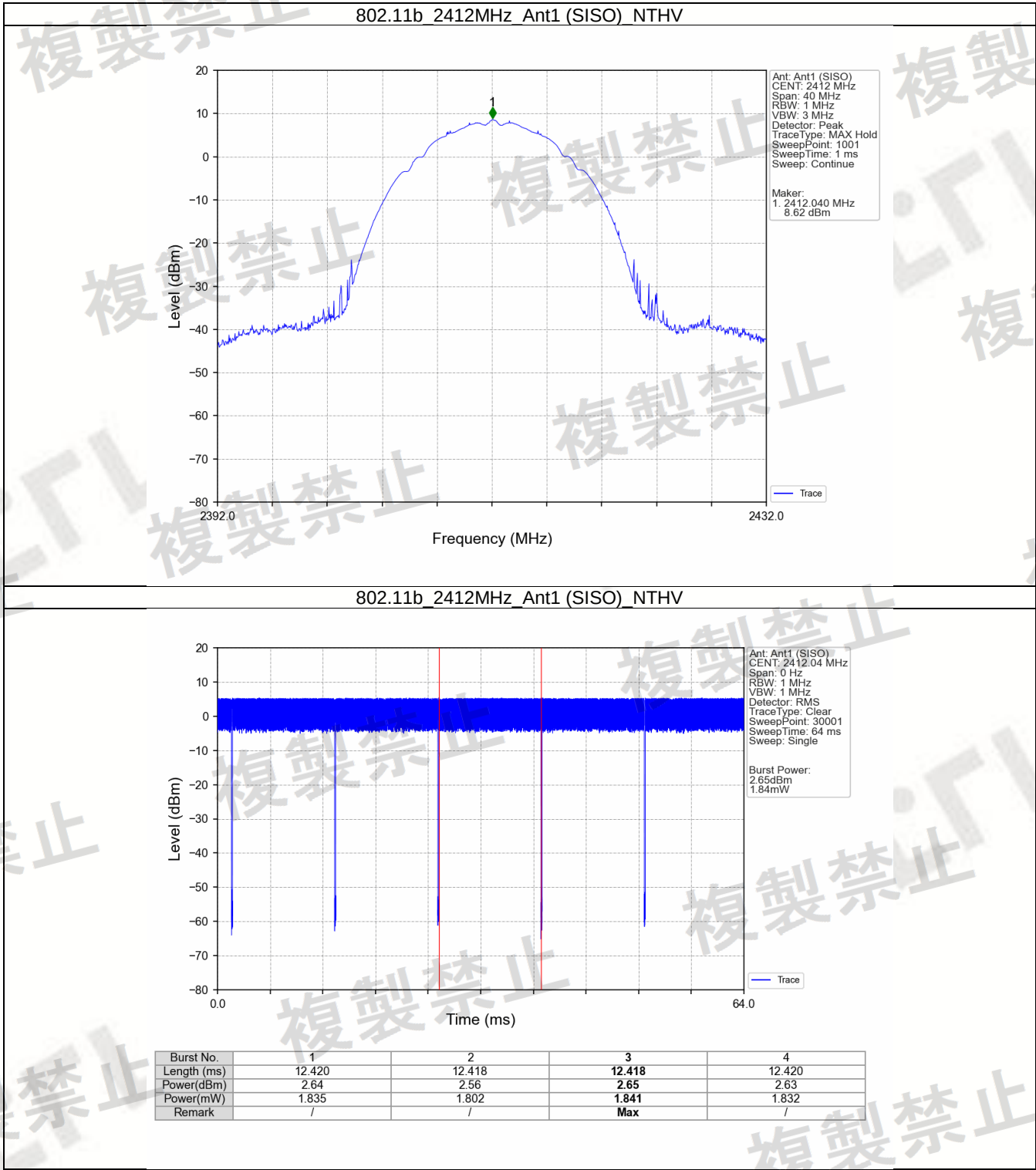
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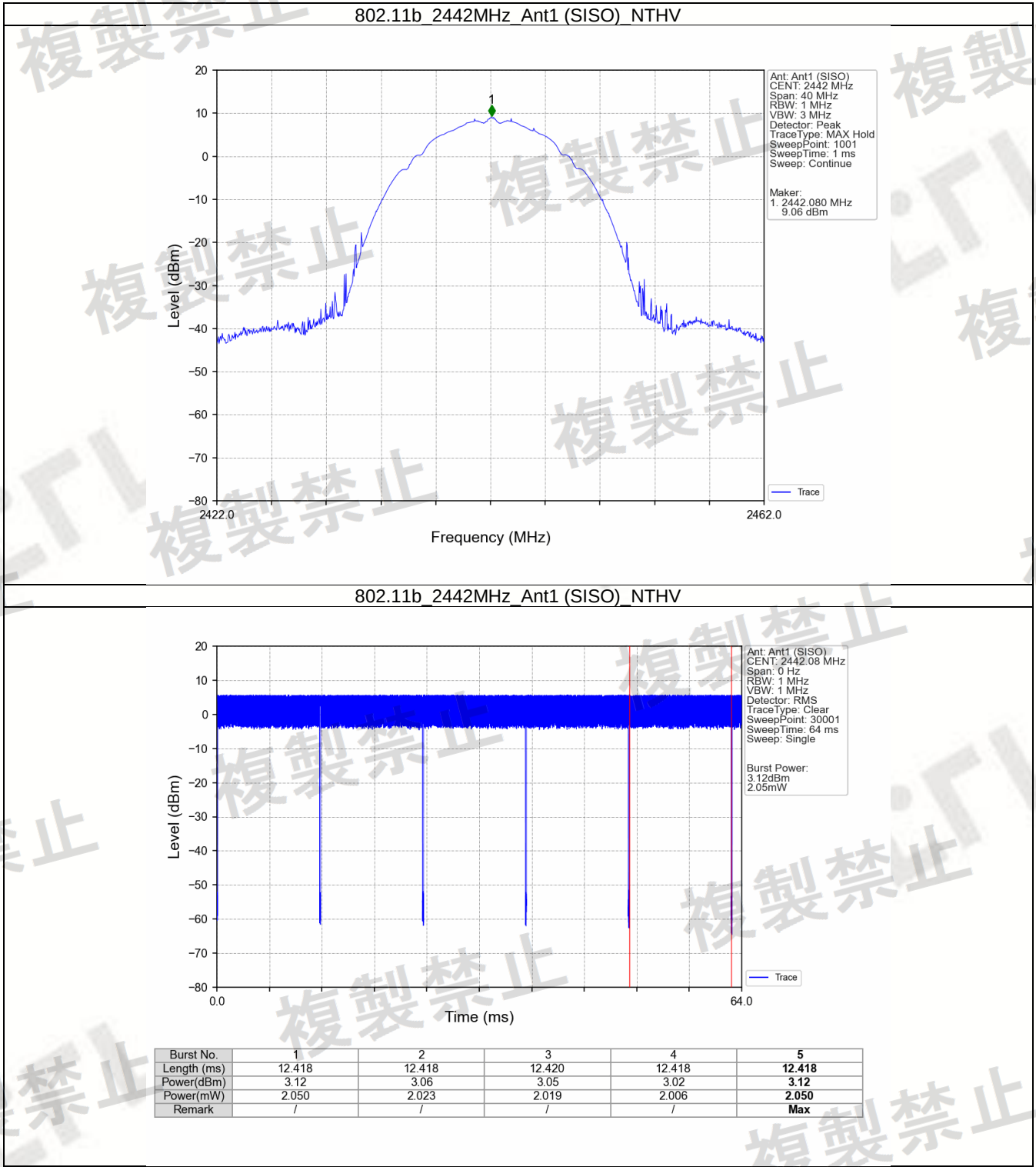
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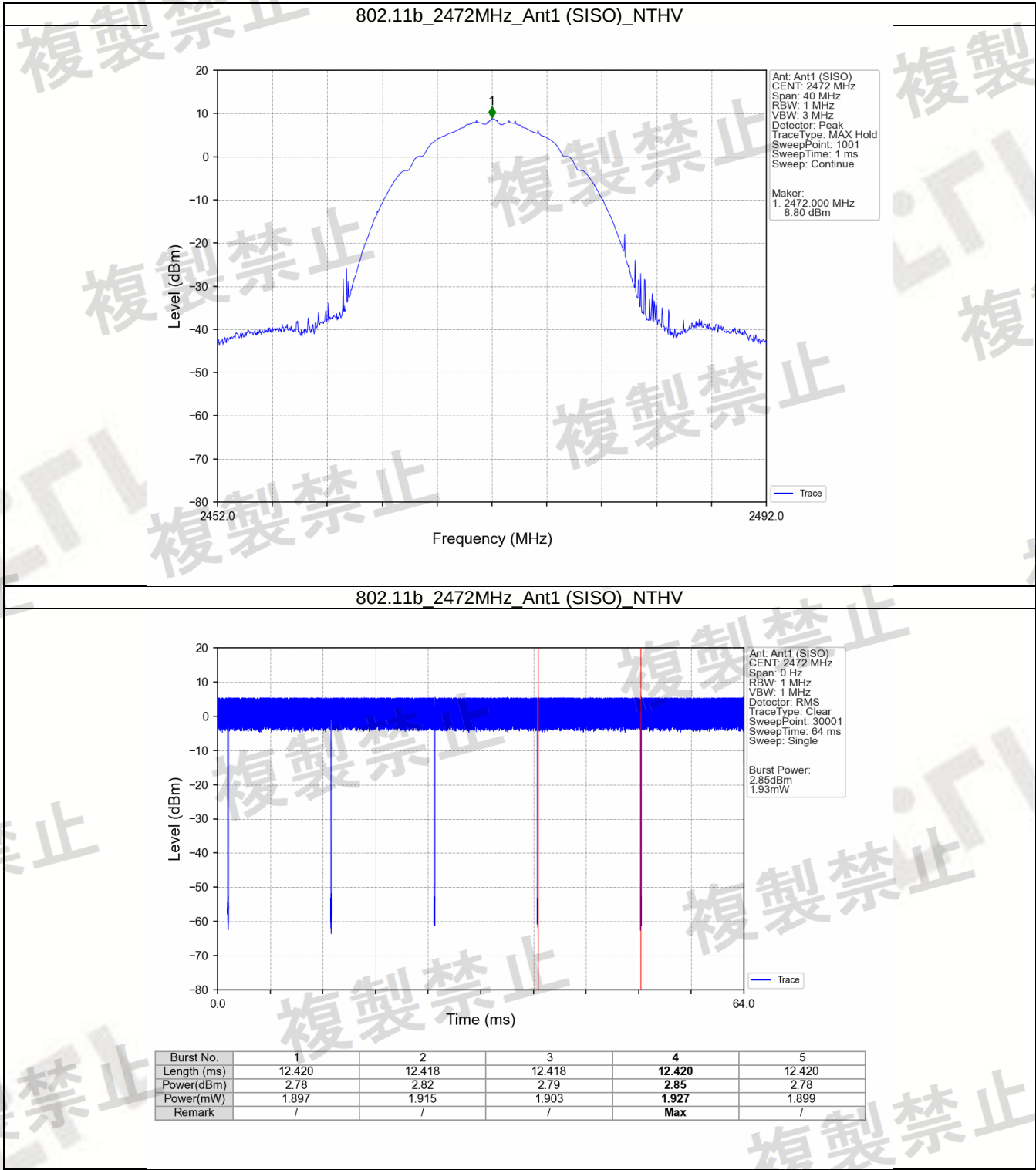
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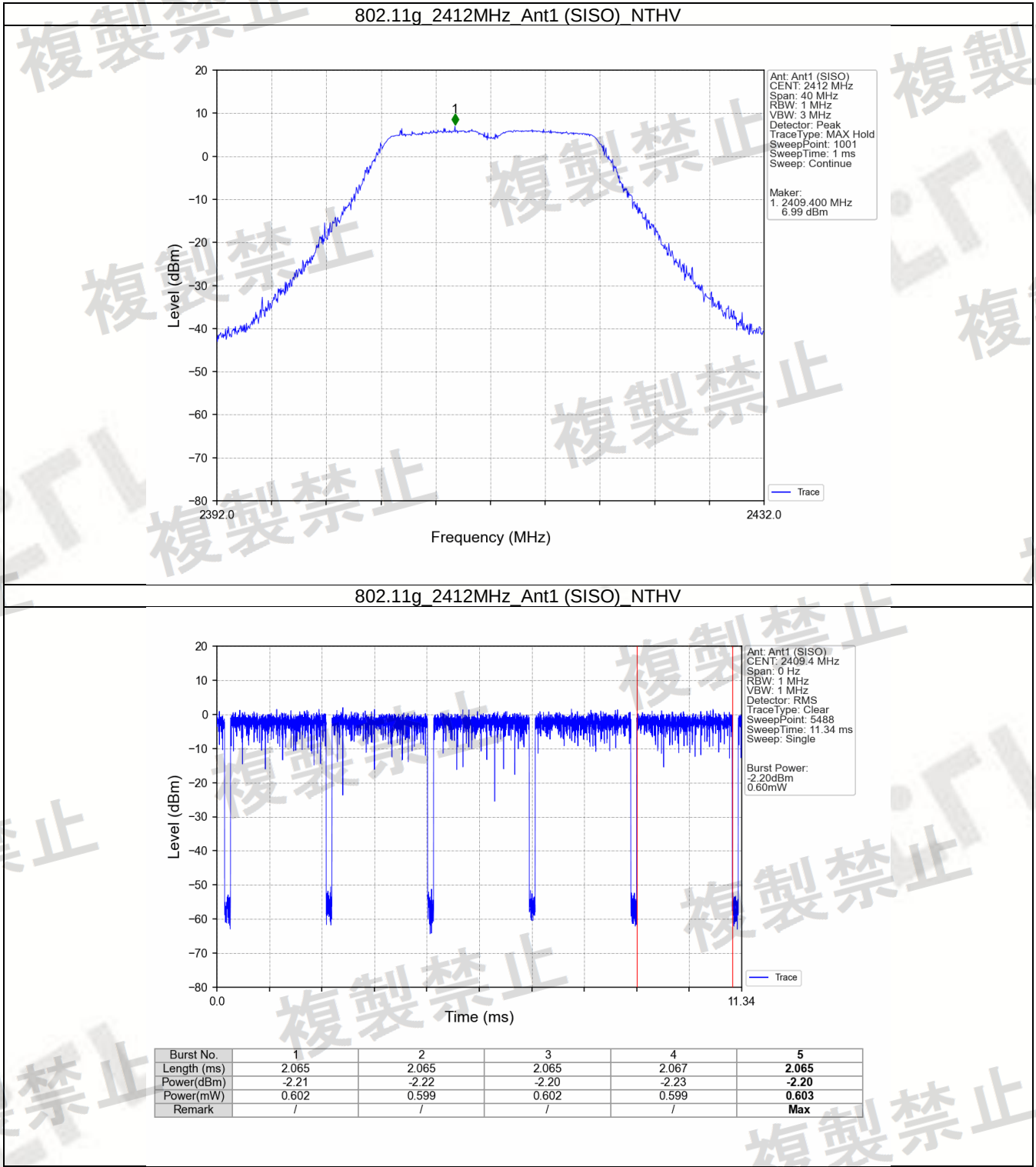
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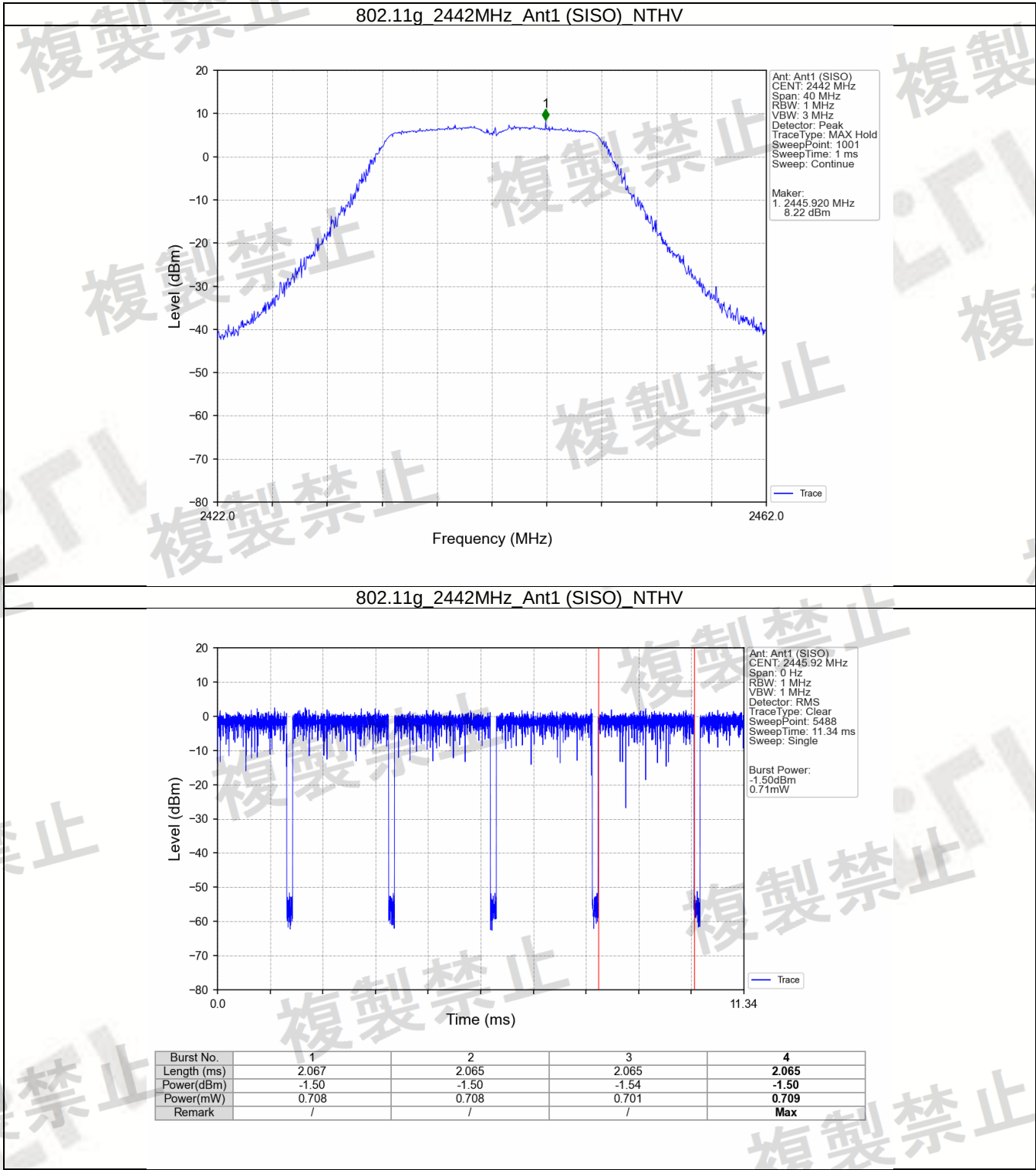
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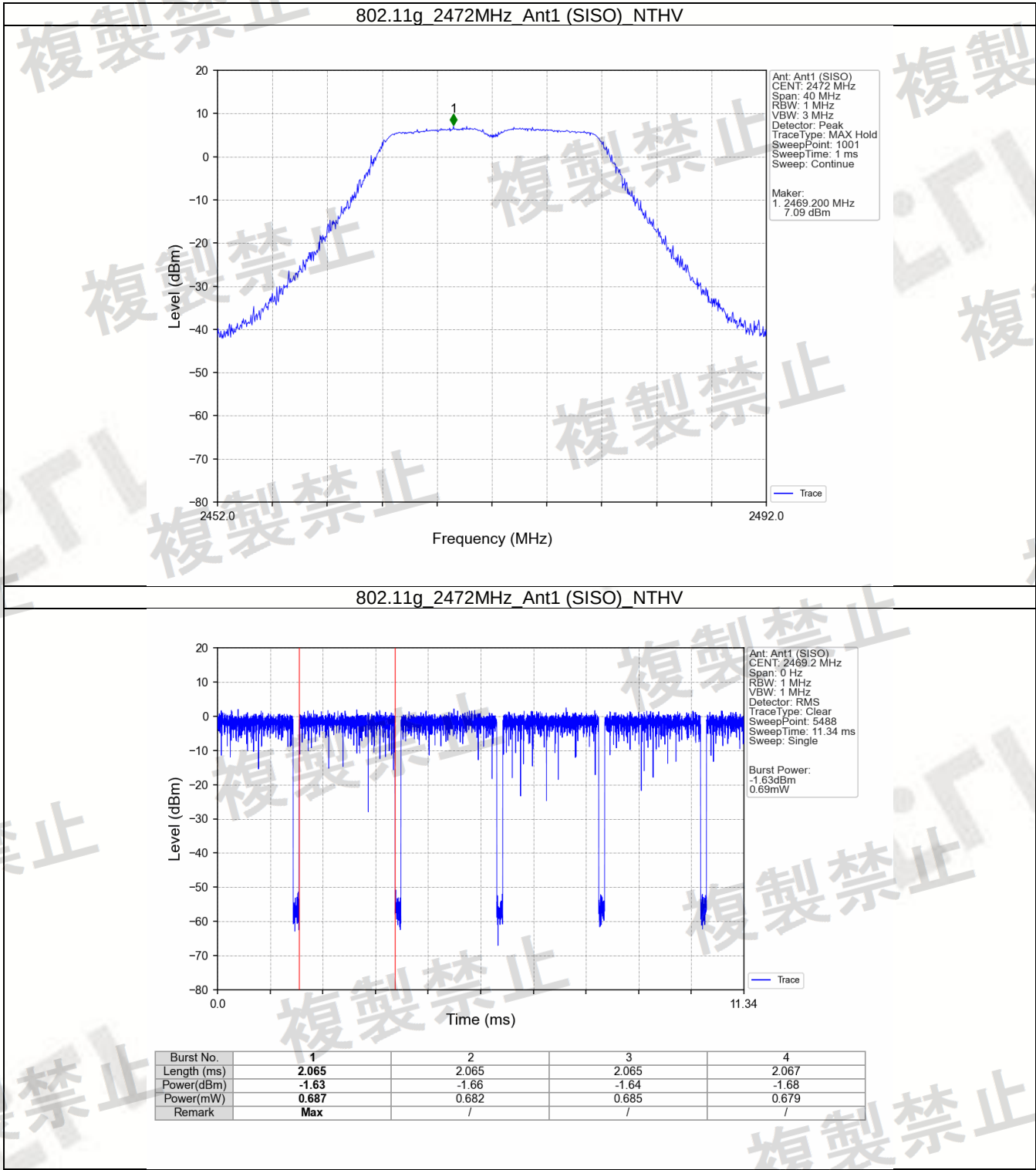
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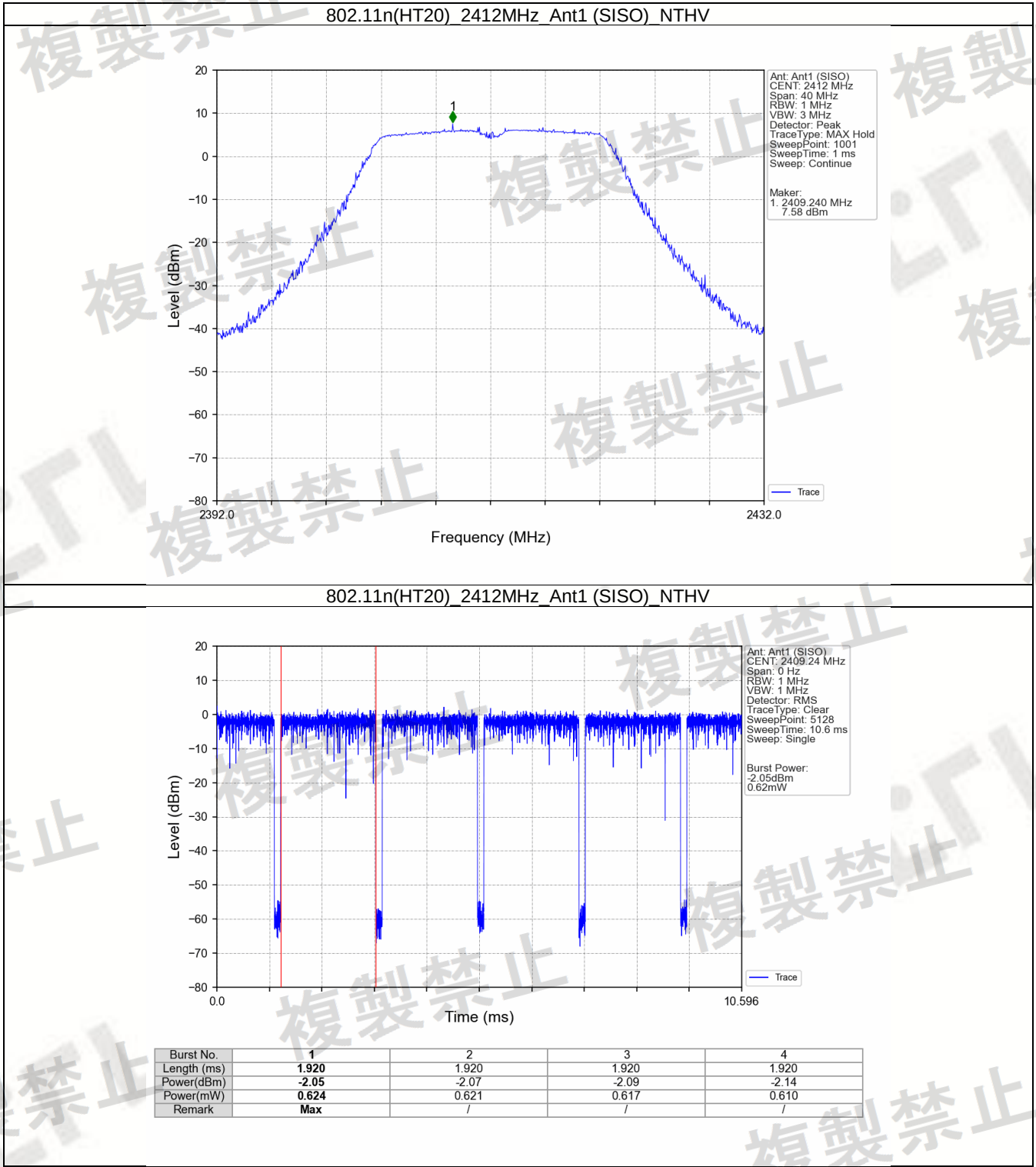
MIC: 219-259553



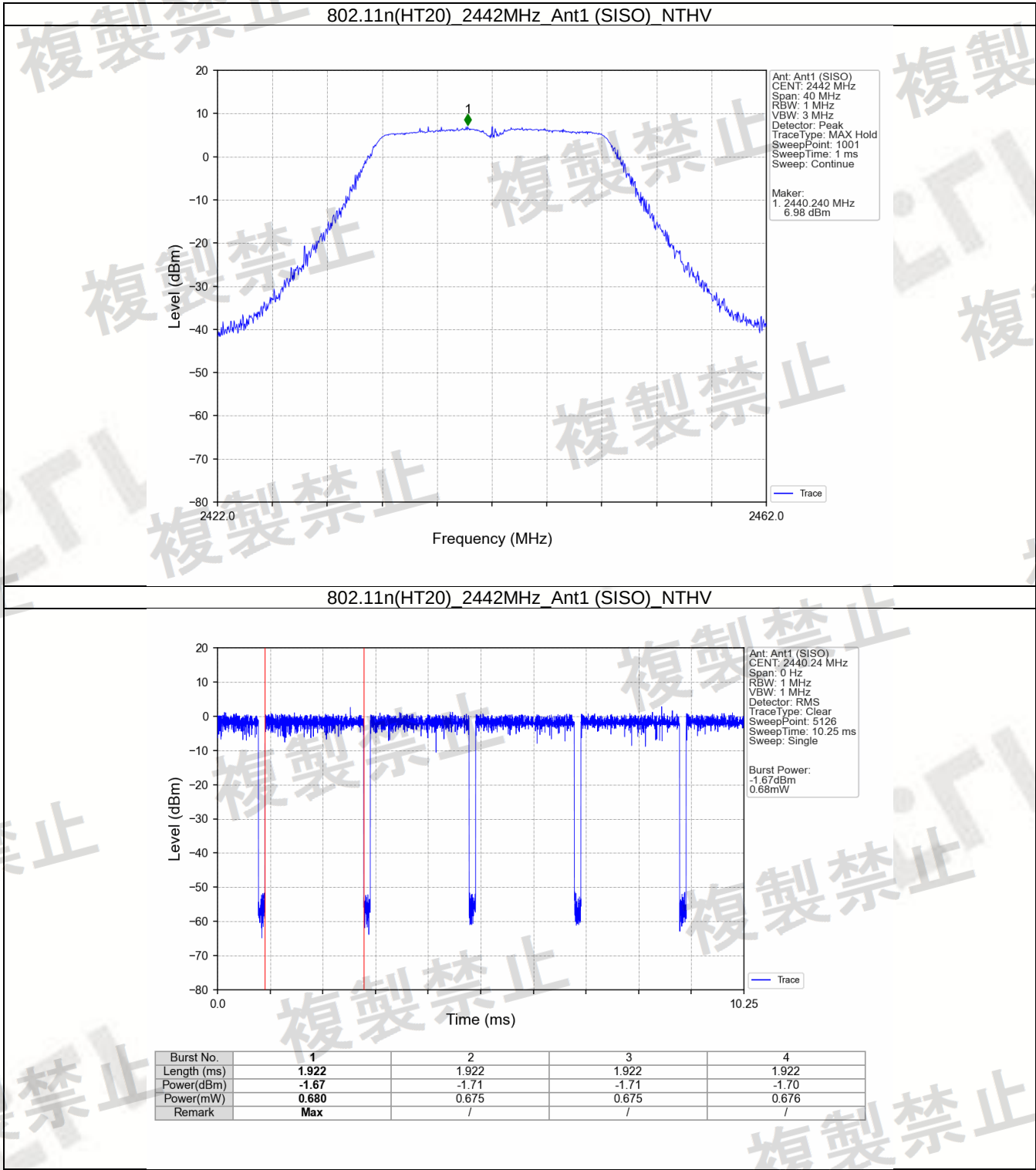
MIC: 219-259553



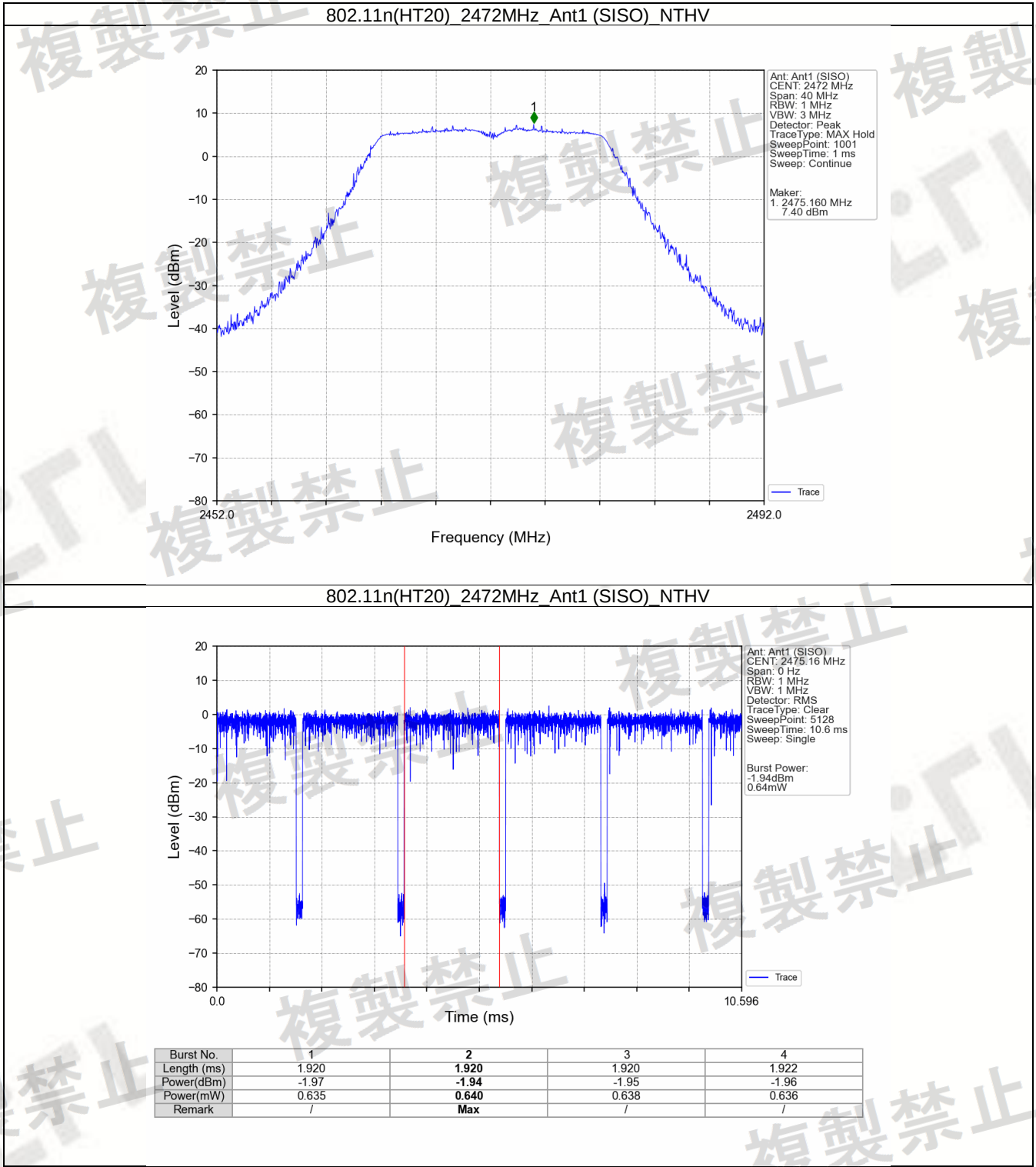
MIC: 219-259553



MIC: 219-259553



MIC: 219-259553



MIC: 219-259553

5. Spurious Emission Intensity

5.1 Test Result

5.1.1 TxSe_NTNV

NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (uW /MHz)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm /MHz)	PK Power (uW /MHz)	AV Power (dBm /MHz)	AV Power (uW /MHz)		
802.11b	SISO	2412	1	30	2387	2385.5	-43.80	0.042	/	/	2.5	Pass
				2387	2400	2399.493	-33.83	0.414	/	/	25	Pass
				2483.5	2496.5	2494.537	-42.17	0.061	/	/	25	Pass
				2496.5	12500	12368.5	-43.17	0.048	/	/	2.5	Pass
		2442	1	30	2387	2116	-43.50	0.045	/	/	2.5	Pass
				2387	2400	2398.297	-37.99	0.159	/	/	25	Pass
				2483.5	2496.5	2493.172	-42.62	0.055	/	/	25	Pass
				2496.5	12500	2520	-43.34	0.046	/	/	2.5	Pass
		2472	1	30	2387	2331	-44.31	0.037	/	/	2.5	Pass
				2387	2400	2391.316	-43.90	0.041	/	/	25	Pass
				2483.5	2496.5	2483.591	-31.80	0.661	/	/	25	Pass
				2496.5	12500	2580.5	-43.15	0.048	/	/	2.5	Pass
802.11g	SISO	2412	1	30	2387	2356	-43.08	0.049	/	/	2.5	Pass
				2387	2400	2399.922	-17.78	16.672	-35.48	0.283	25	Pass
				2483.5	2496.5	2492.431	-41.91	0.064	/	/	25	Pass
				2496.5	12500	2644	-42.39	0.058	/	/	2.5	Pass
		2442	1	30	2387	2099	-44.46	0.036	/	/	2.5	Pass
				2387	2400	2396.191	-43.48	0.045	/	/	25	Pass
				2483.5	2496.5	2488.986	-42.99	0.050	/	/	25	Pass
				2496.5	12500	12402	-42.35	0.058	/	/	2.5	Pass
		2472	1	30	2387	1942.5	-42.45	0.057	/	/	2.5	Pass
				2387	2400	2392.681	-44.01	0.040	/	/	25	Pass
				2483.5	2496.5	2483.617	-14.71	33.806	-32.57	0.553	25	Pass
				2496.5	12500	2497	-43.77	0.042	/	/	2.5	Pass
802.11n (HT20)	SISO	2412	1	30	2387	2345	-45.97	0.025	/	/	2.5	Pass
				2387	2400	2399.922	-16.53	22.233	-34.13	0.386	25	Pass
				2483.5	2496.5	2490.975	-43.92	0.041	/	/	25	Pass
				2496.5	12500	2539.5	-46.29	0.023	/	/	2.5	Pass
		2442	1	30	2387	2330	-43.58	0.044	/	/	2.5	Pass
				2387	2400	2399.142	-43.70	0.043	/	/	25	Pass
				2483.5	2496.5	2486.503	-42.16	0.061	/	/	25	Pass
				2496.5	12500	2566.5	-43.59	0.044	/	/	2.5	Pass
		2472	1	30	2387	2356	-44.19	0.038	/	/	2.5	Pass
				2387	2400	2390.809	-44.07	0.039	/	/	25	Pass
				2483.5	2496.5	2483.682	-13.36	46.132	-31.52	0.705	25	Pass
				2496.5	12500	5495	-43.40	0.046	/	/	2.5	Pass

5.1.2 TxSe_NTLV

NTLV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (uW)	Verdict
				Start	Stop	Freq.	PK Power	PK Power	AV Power	AV Power		

MIC: 219-259553

				(MHz)	(MHz)	(MHz)	(dBm /MHz)	(uW /MHz)	(dBm /MHz)	(uW /MHz)	/MHz)	
802.11b	SISO	2412	1	30	2387	2347	-43.19	0.048	/	/	2.5	Pass
				2387	2400	2399.805	-33.25	0.473	/	/	25	Pass
				2483.5	2496.5	2494.056	-42.65	0.054	/	/	25	Pass
				2496.5	12500	5423.5	-43.32	0.047	/	/	2.5	Pass
		2442	1	30	2387	2357.5	-43.03	0.050	/	/	2.5	Pass
				2387	2400	2397.725	-42.38	0.058	/	/	25	Pass
				2483.5	2496.5	2488.869	-42.71	0.054	/	/	25	Pass
				2496.5	12500	12277	-43.22	0.048	/	/	2.5	Pass
		2472	1	30	2387	2380	-44.04	0.039	/	/	2.5	Pass
				2387	2400	2396.971	-43.46	0.045	/	/	25	Pass
				2483.5	2496.5	2483.617	-31.10	0.776	/	/	25	Pass
				2496.5	12500	5799	-43.70	0.043	/	/	2.5	Pass
802.11g	SISO	2412	1	30	2387	2112	-43.97	0.040	/	/	2.5	Pass
				2387	2400	2399.974	-17.35	18.408	-35.43	0.286	25	Pass
				2483.5	2496.5	2491.989	-42.36	0.058	/	/	25	Pass
				2496.5	12500	2565.5	-43.91	0.041	/	/	2.5	Pass
		2442	1	30	2387	2229.5	-44.39	0.036	/	/	2.5	Pass
				2387	2400	2398.115	-43.15	0.048	/	/	25	Pass
				2483.5	2496.5	2488.362	-42.55	0.056	/	/	25	Pass
				2496.5	12500	5411.5	-44.28	0.037	/	/	2.5	Pass
		2472	1	30	2387	2348.5	-44.31	0.037	/	/	2.5	Pass
				2387	2400	2388.131	-43.60	0.044	/	/	25	Pass
				2483.5	2496.5	2483.63	-13.92	40.551	-32.66	0.542	25	Pass
				2496.5	12500	2511.5	-43.59	0.044	/	/	2.5	Pass
802.11n (HT20)	SISO	2412	1	30	2387	2386.5	-46.14	0.024	/	/	2.5	Pass
				2387	2400	2399.909	-16.58	21.979	-34.35	0.367	25	Pass
				2483.5	2496.5	2494.797	-44.51	0.035	/	/	25	Pass
				2496.5	12500	5908.5	-46.37	0.023	/	/	2.5	Pass
		2442	1	30	2387	2386.5	-44.10	0.039	/	/	2.5	Pass
				2387	2400	2396.815	-43.55	0.044	/	/	25	Pass
				2483.5	2496.5	2489.168	-43.25	0.047	/	/	25	Pass
				2496.5	12500	12104	-43.34	0.046	/	/	2.5	Pass
		2472	1	30	2387	2147	-43.38	0.046	/	/	2.5	Pass
				2387	2400	2397.426	-43.68	0.043	/	/	25	Pass
				2483.5	2496.5	2483.643	-13.35	46.238	-31.46	0.714	25	Pass
				2496.5	12500	12359	-43.99	0.040	/	/	2.5	Pass

5.1.3 TxSe_NTHV

NTHV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (uW /MHz)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm /MHz)	PK Power (uW /MHz)	AV Power (dBm /MHz)	AV Power (uW /MHz)		
802.11b	SISO	2412	1	30	2387	1923	-41.59	0.069	/	/	2.5	Pass
				2387	2400	2399.298	-35.60	0.275	/	/	25	Pass
				2483.5	2496.5	2492.34	-42.14	0.061	/	/	25	Pass
				2496.5	12500	12139.5	-43.51	0.045	/	/	2.5	Pass
		2442	1	30	2387	2351	-43.83	0.041	/	/	2.5	Pass
				2387	2400	2396.464	-43.26	0.047	/	/	25	Pass
				2483.5	2496.5	2483.89	-42.68	0.054	/	/	25	Pass
				2496.5	12500	5389	-43.59	0.044	/	/	2.5	Pass
		2472	1	30	2387	2376	-43.45	0.045	/	/	2.5	Pass
				2387	2400	2399.194	-44.06	0.039	/	/	25	Pass
				2483.5	2496.5	2483.981	-29.07	1.239	/	/	25	Pass
				2496.5	12500	2523.5	-43.29	0.047	/	/	2.5	Pass

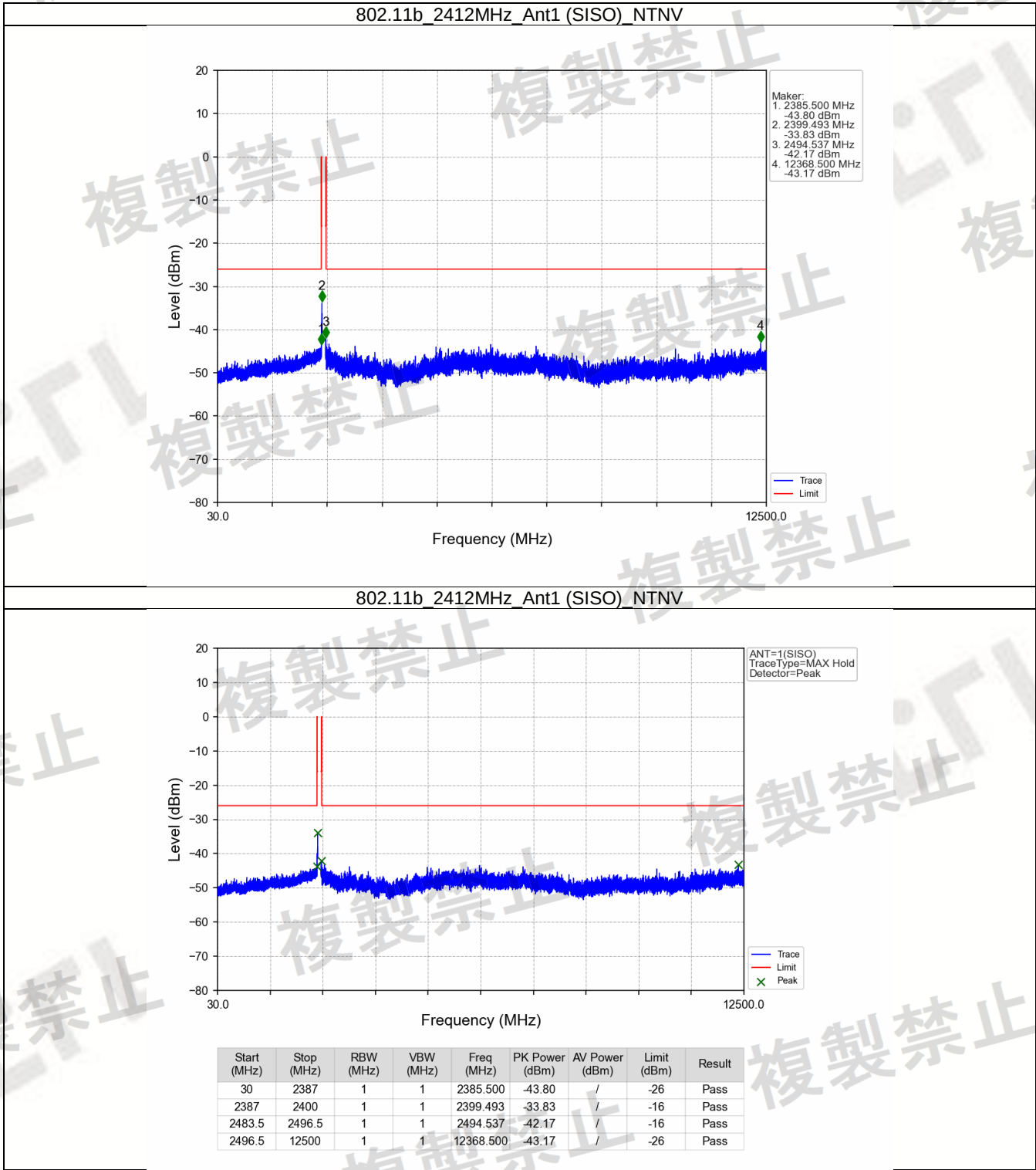
MIC: 219-259553

802.11g	SISO	2412	1	30	2387	2380.5	-43.45	0.045	/	/	2.5	Pass
				2387	2400	2399.987	-17.04	19.770	-35.31	0.294	25	Pass
				2483.5	2496.5	2495.85	-42.47	0.057	/	/	25	Pass
				2496.5	12500	5460	-43.68	0.043	/	/	2.5	Pass
		2442	1	30	2387	2382	-44.37	0.037	/	/	2.5	Pass
				2387	2400	2399.896	-43.23	0.048	/	/	25	Pass
				2483.5	2496.5	2483.864	-43.41	0.046	/	/	25	Pass
				2496.5	12500	2522	-43.59	0.044	/	/	2.5	Pass
		2472	1	30	2387	2344.5	-44.06	0.039	/	/	2.5	Pass
				2387	2400	2394.501	-44.11	0.039	/	/	25	Pass
				2483.5	2496.5	2483.669	-13.24	47.424	-32.73	0.533	25	Pass
				2496.5	12500	5411	-43.98	0.040	/	/	2.5	Pass
802.11n (HT20)	SISO	2412	1	30	2387	2380.5	-45.83	0.026	/	/	2.5	Pass
				2387	2400	2399.935	-16.08	24.660	-34.40	0.363	25	Pass
				2483.5	2496.5	2491.703	-44.33	0.037	/	/	25	Pass
				2496.5	12500	2558.5	-46.22	0.024	/	/	2.5	Pass
		2442	1	30	2387	2223	-44.20	0.038	/	/	2.5	Pass
				2387	2400	2399.597	-43.31	0.047	/	/	25	Pass
				2483.5	2496.5	2487.985	-42.65	0.054	/	/	25	Pass
				2496.5	12500	7279	-43.36	0.046	/	/	2.5	Pass
		2472	1	30	2387	2363.5	-44.45	0.036	/	/	2.5	Pass
				2387	2400	2397.881	-43.51	0.045	/	/	25	Pass
				2483.5	2496.5	2483.773	-13.16	48.306	-31.99	0.632	25	Pass
				2496.5	12500	2550.5	-42.76	0.053	/	/	2.5	Pass

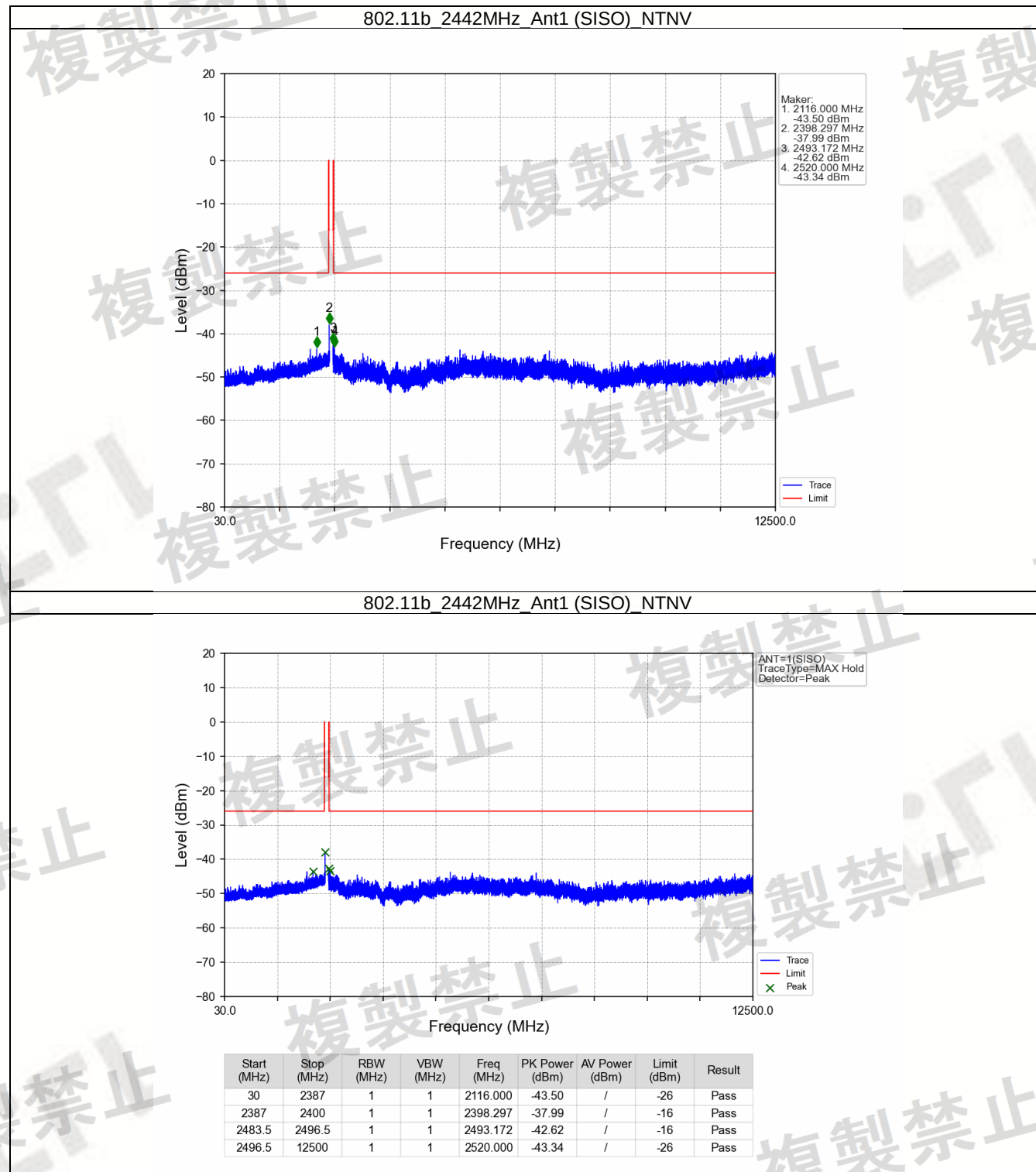
MIC: 219-259553

5.2 Test Graph

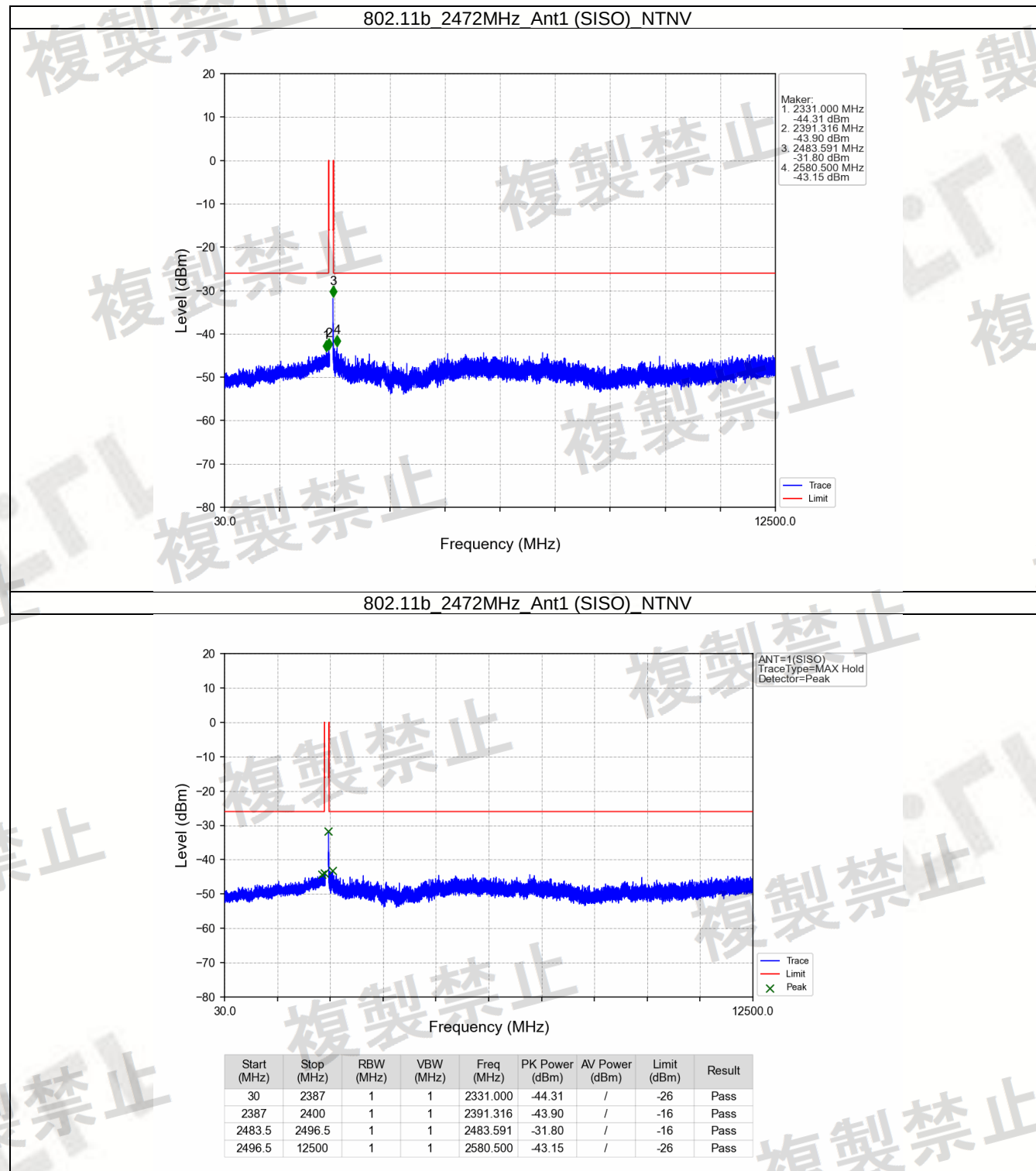
5.2.1 TxSe_NTNV



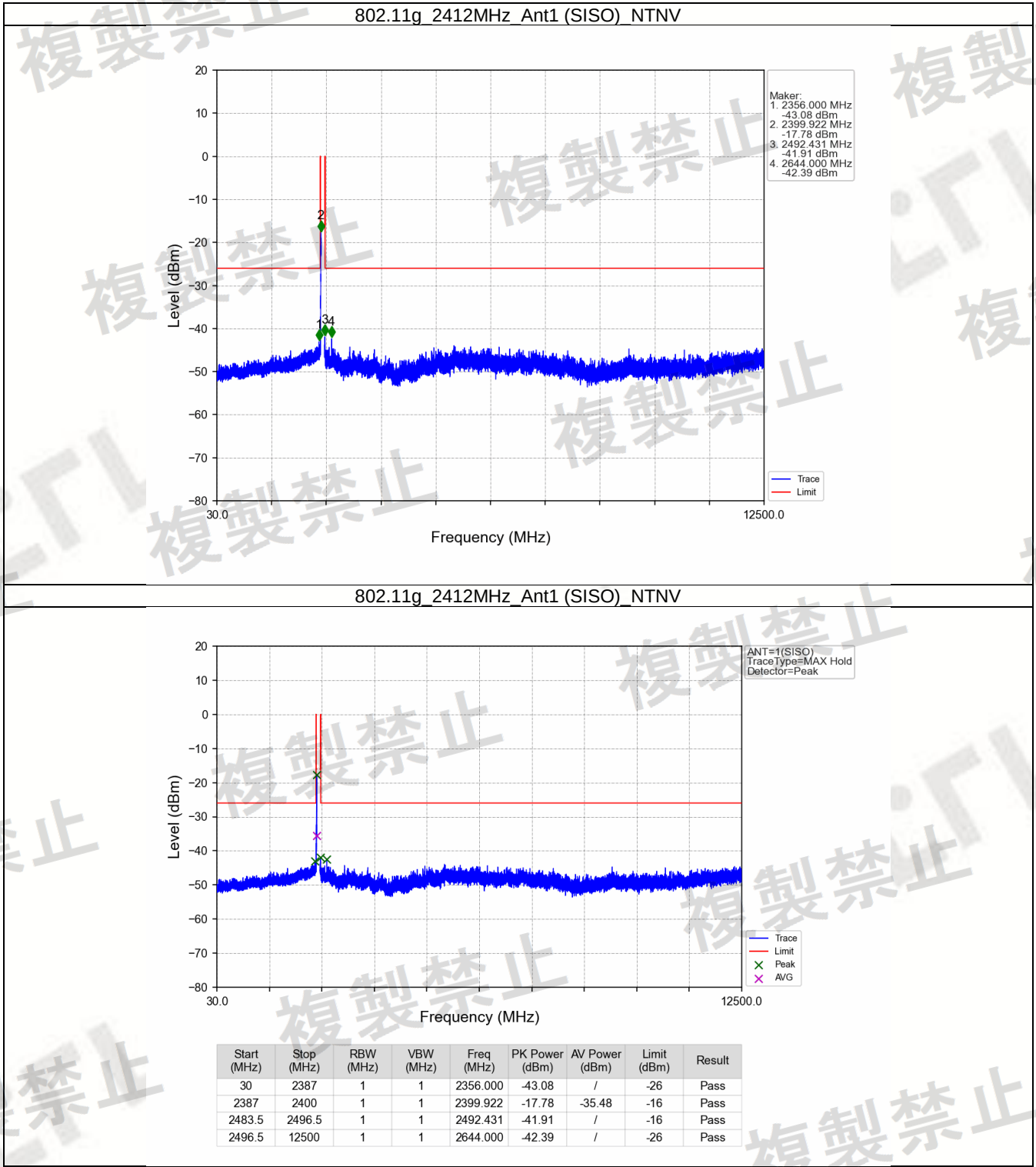
MIC: 219-259553



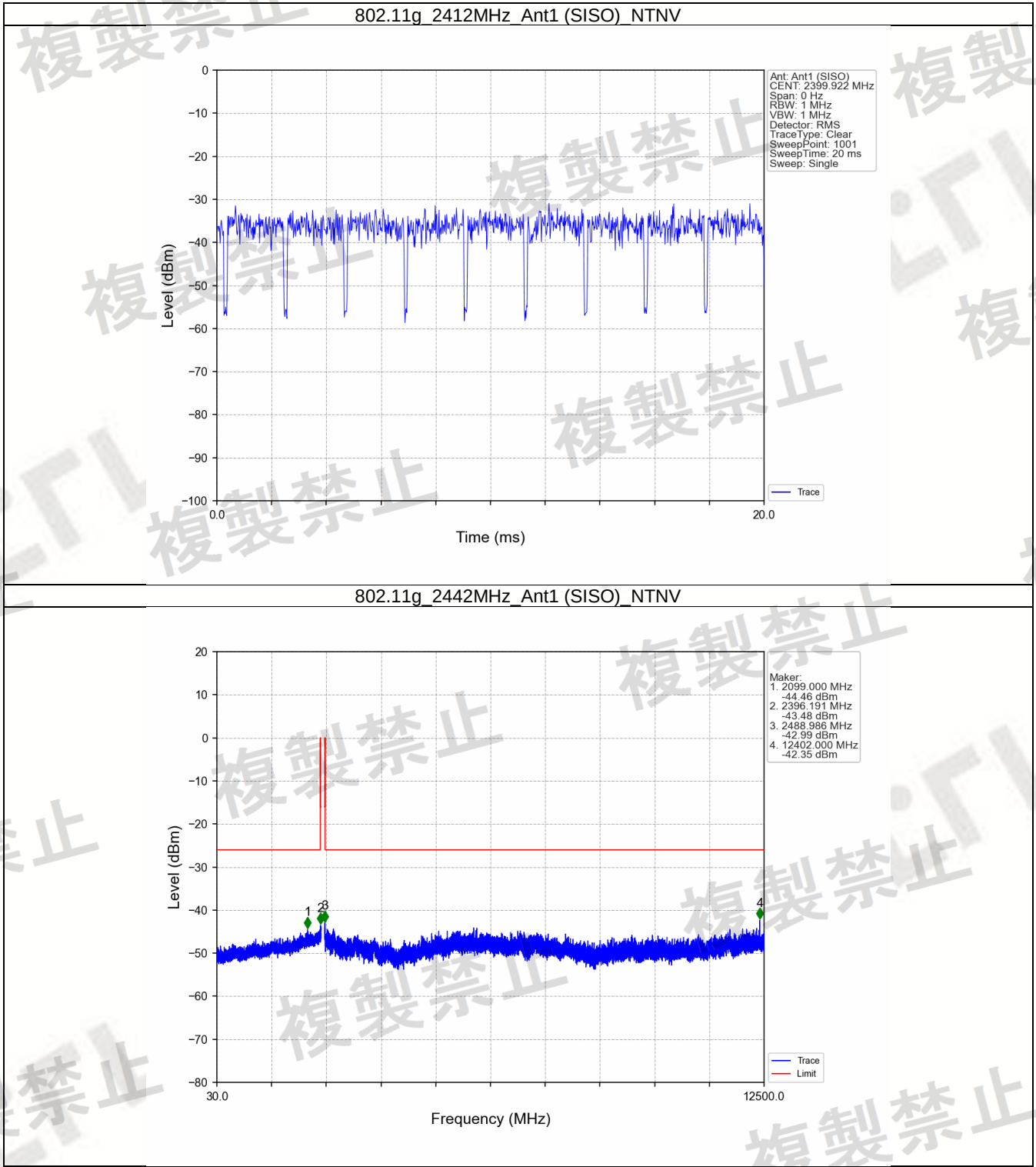
MIC: 219-259553



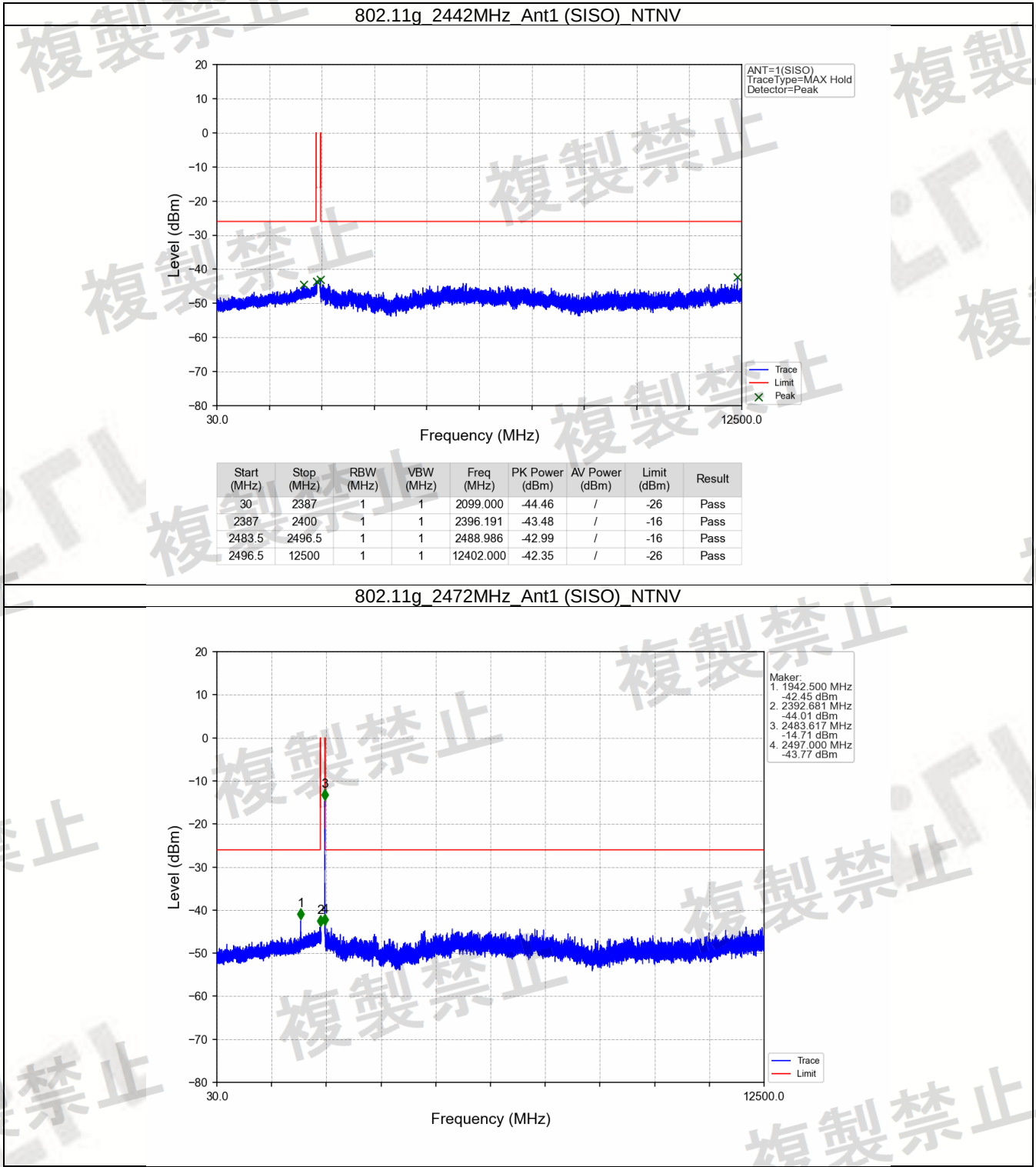
MIC: 219-259553



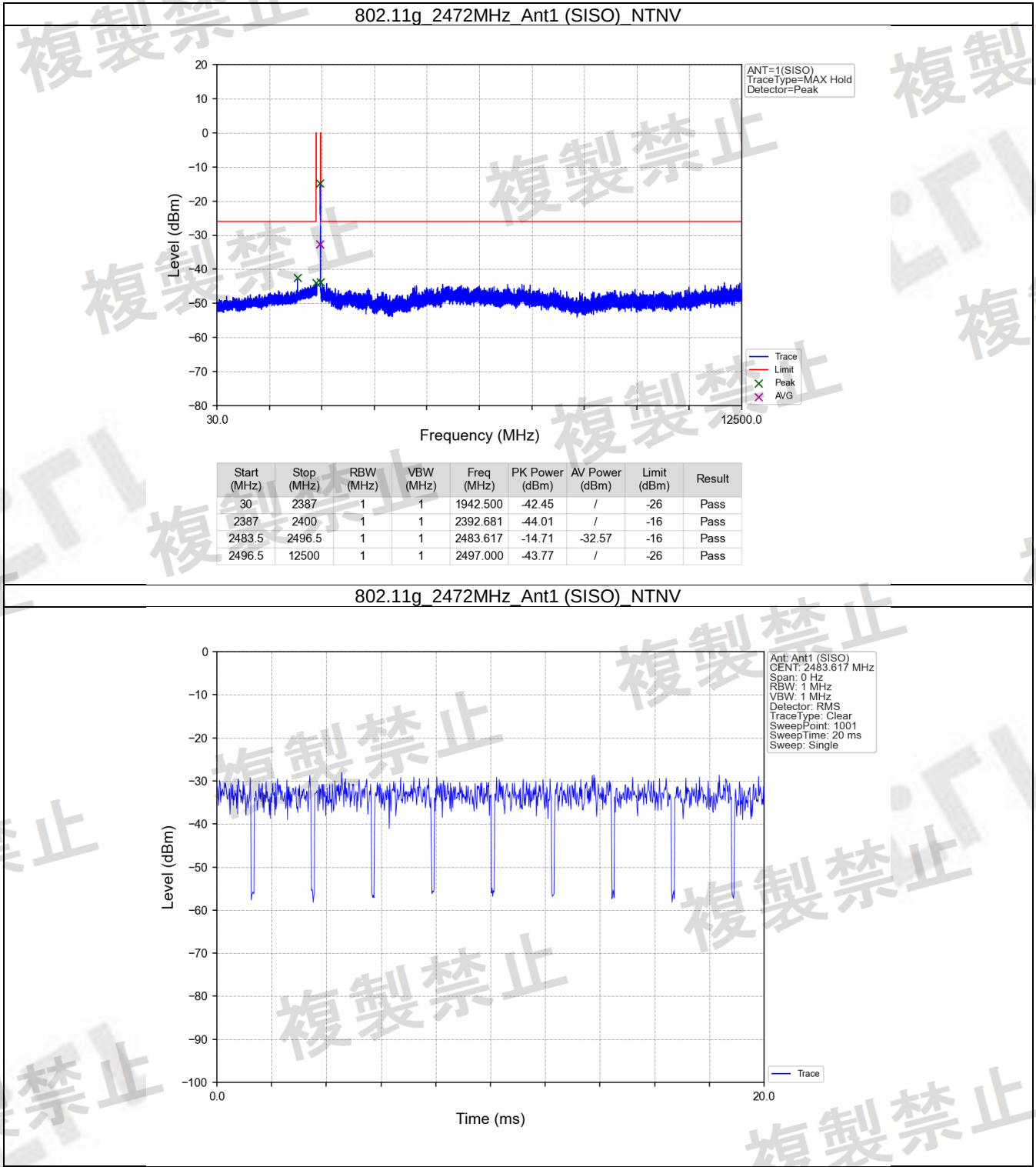
MIC: 219-259553



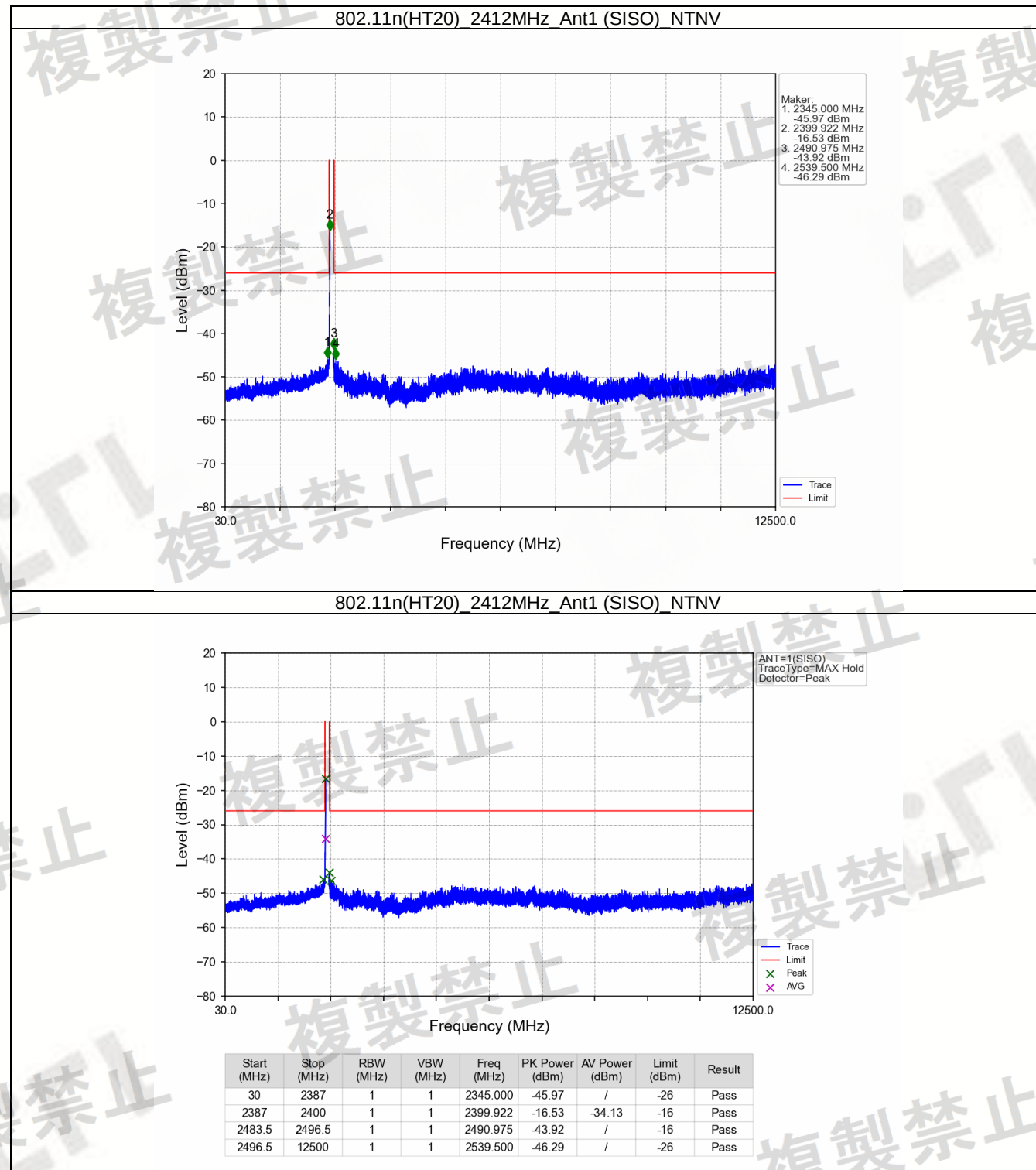
MIC: 219-259553



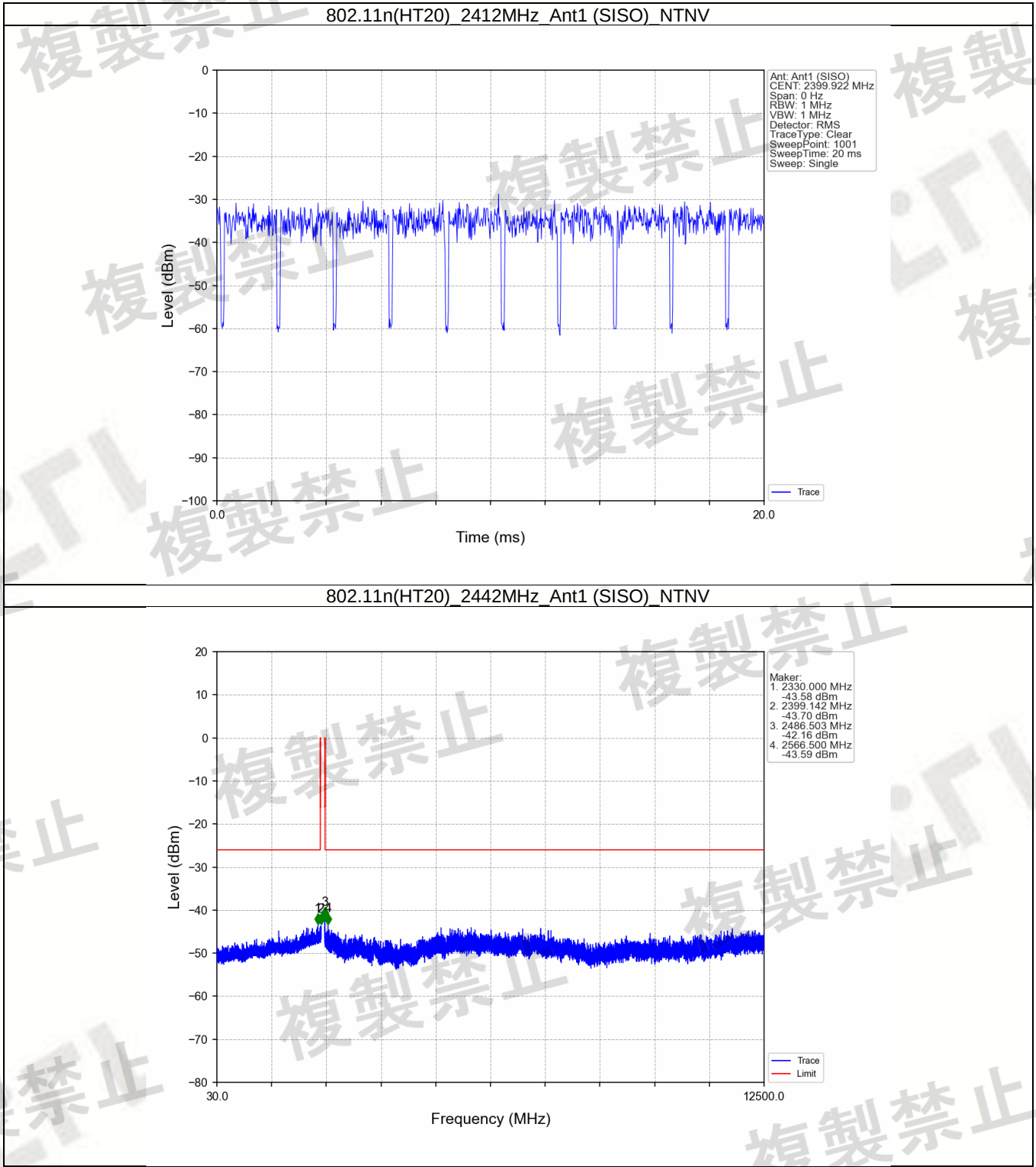
MIC: 219-259553



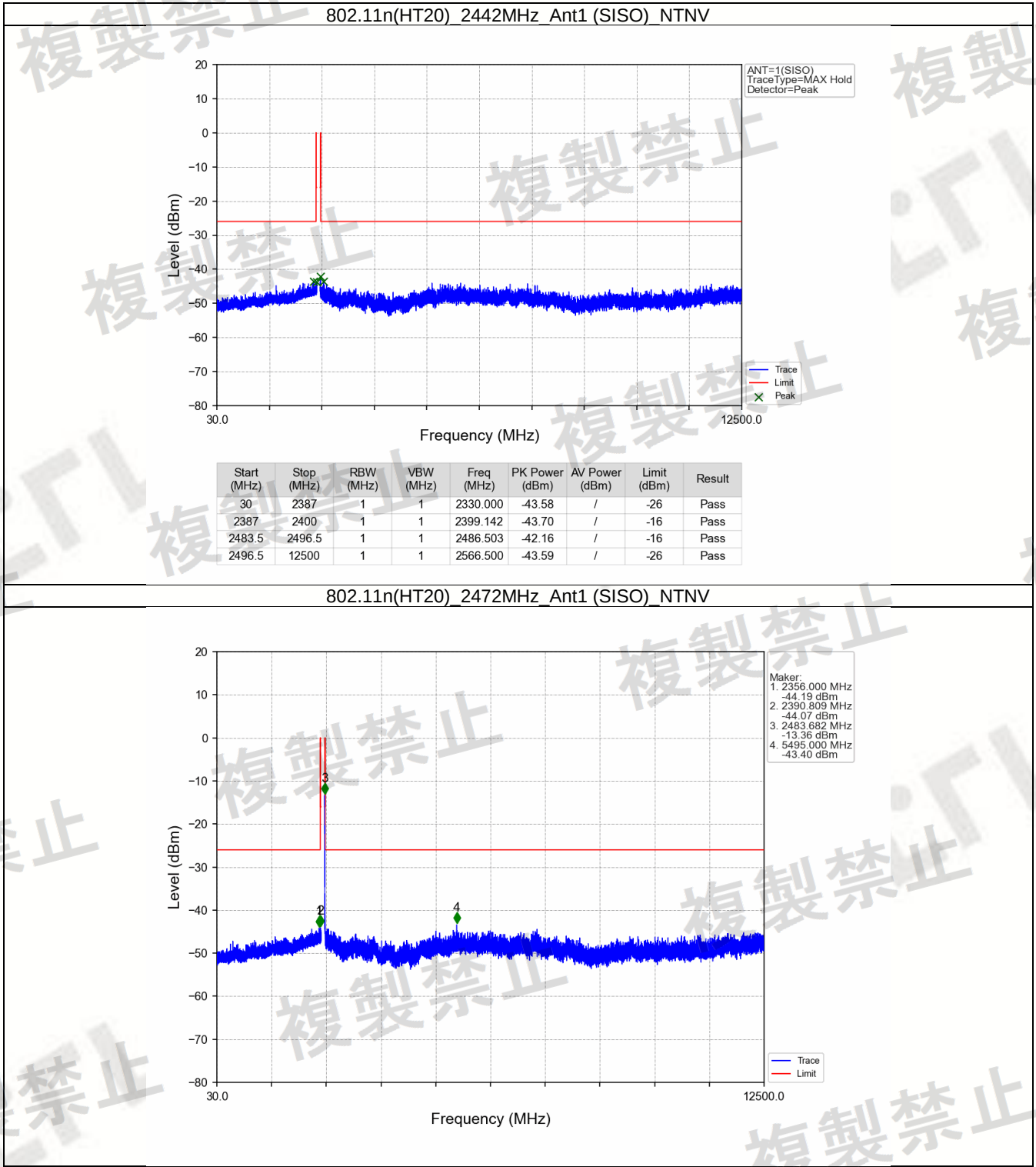
MIC: 219-259553



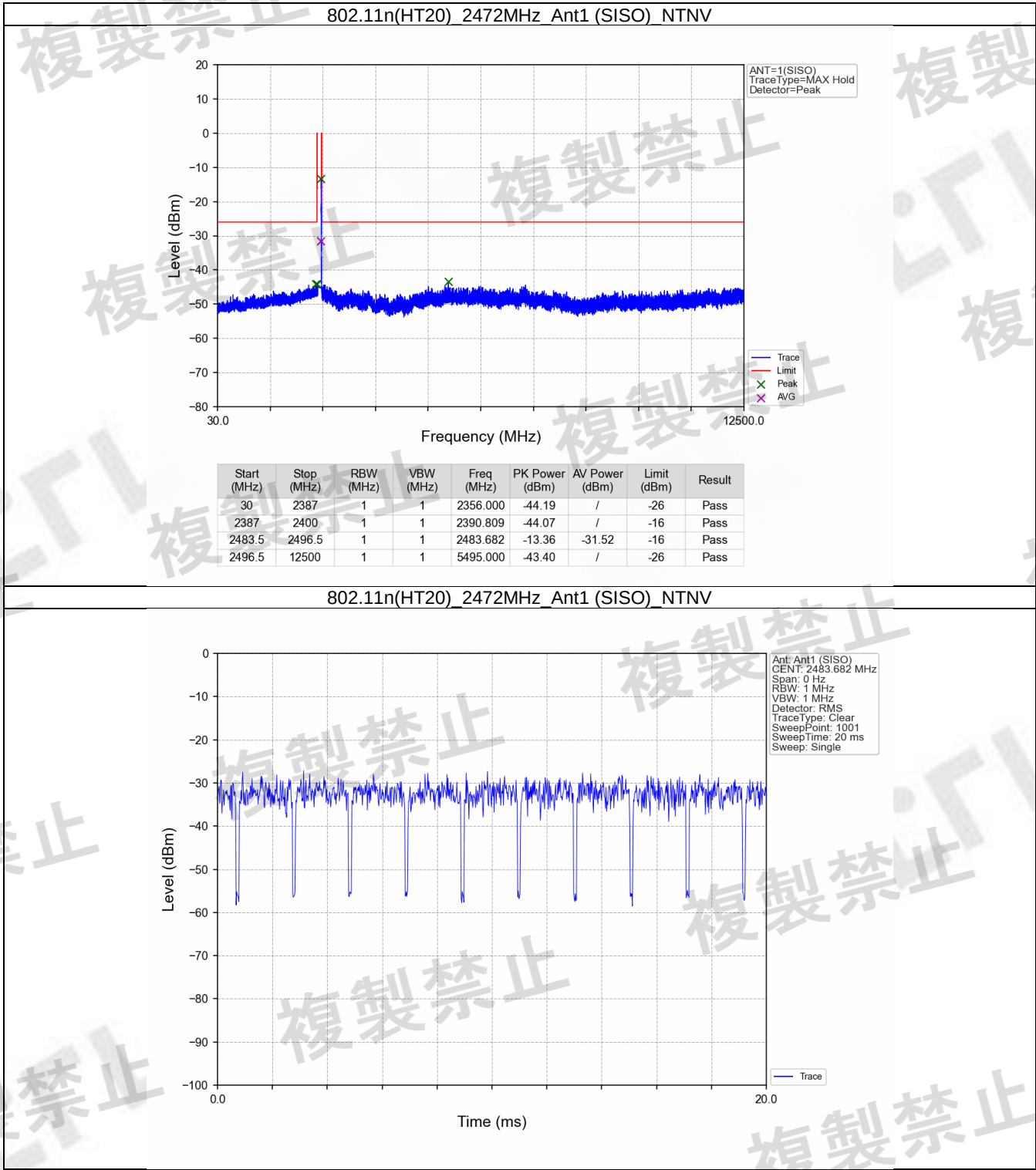
MIC: 219-259553



MIC: 219-259553

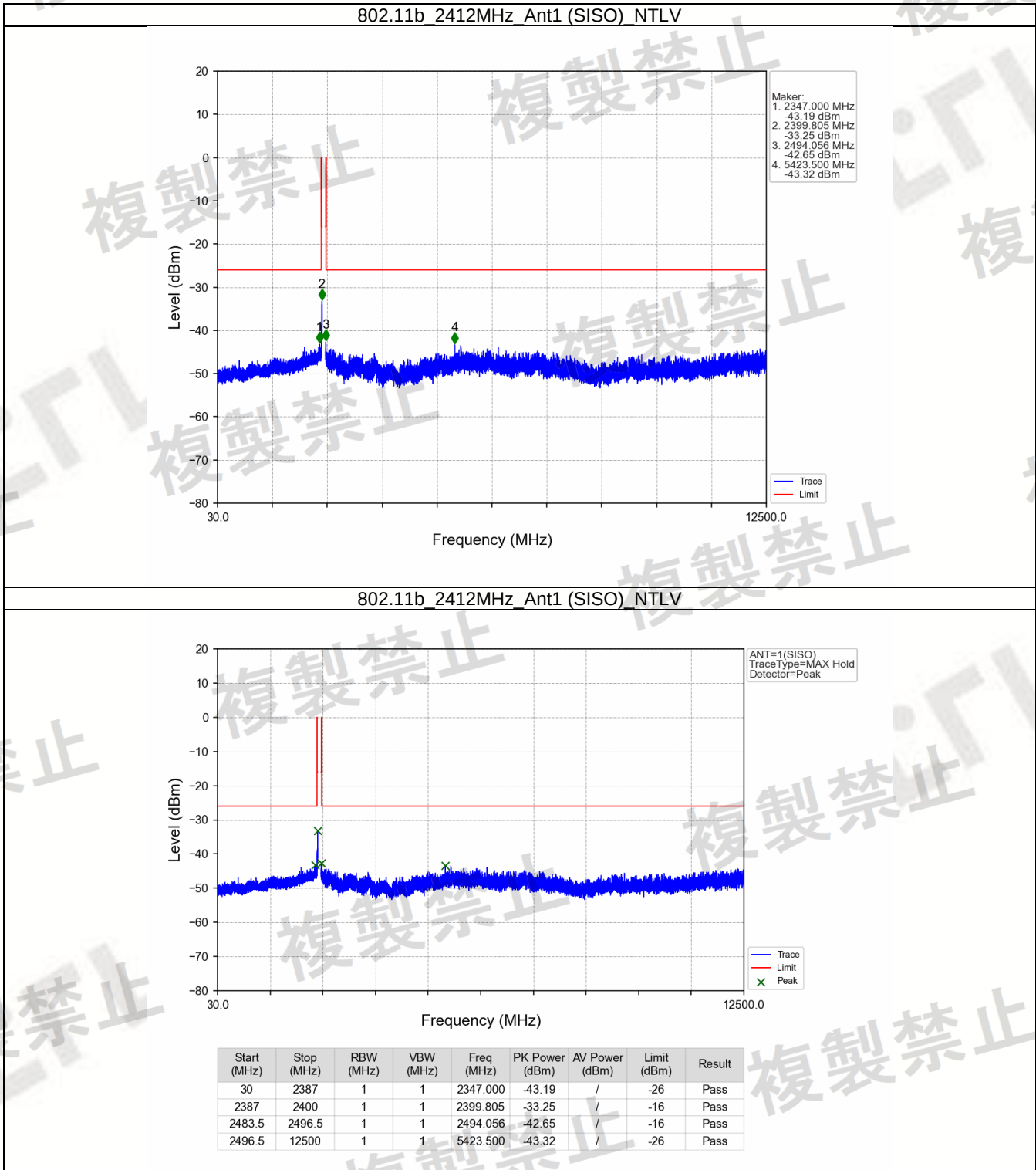


MIC: 219-259553

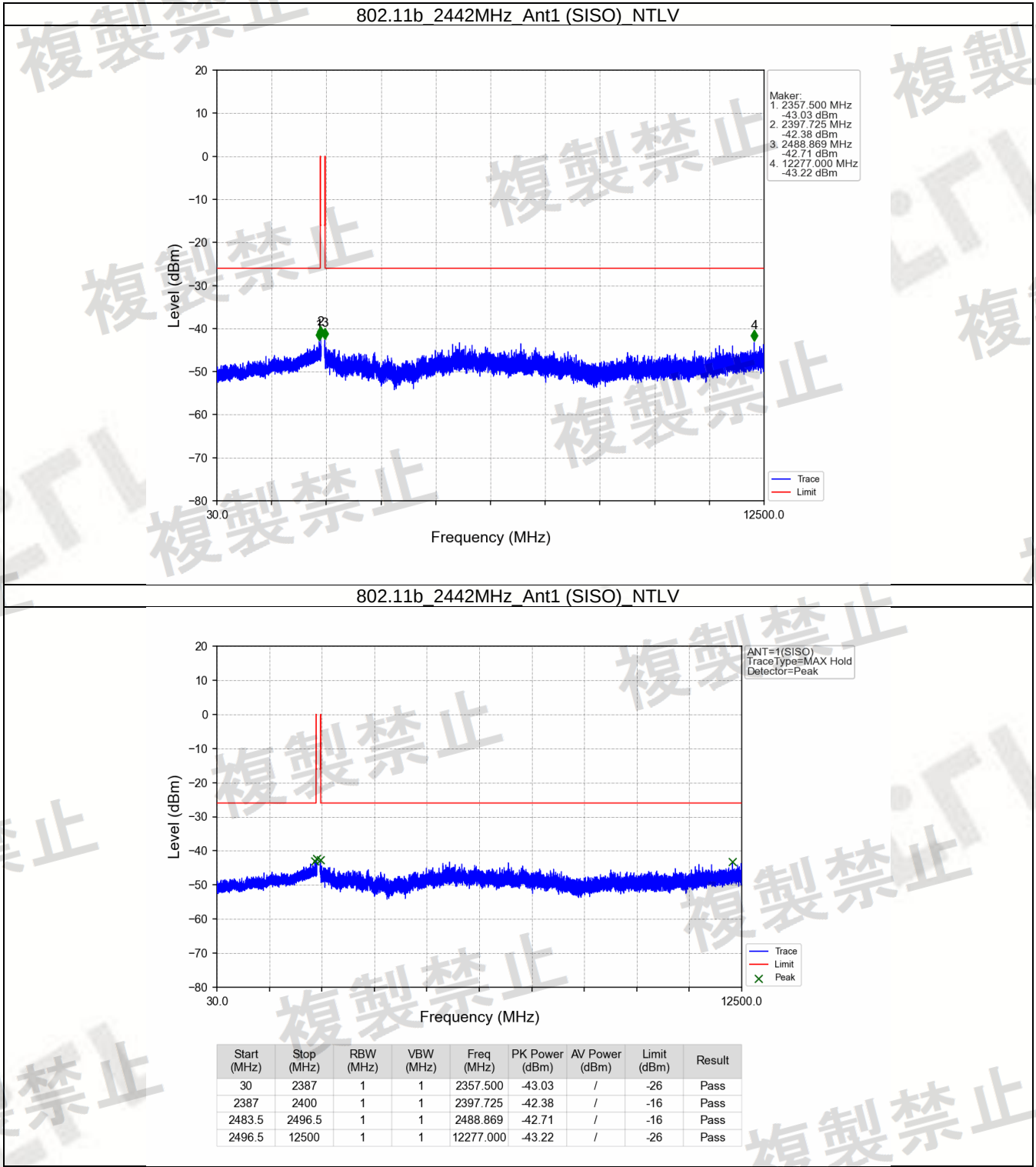


MIC: 219-259553

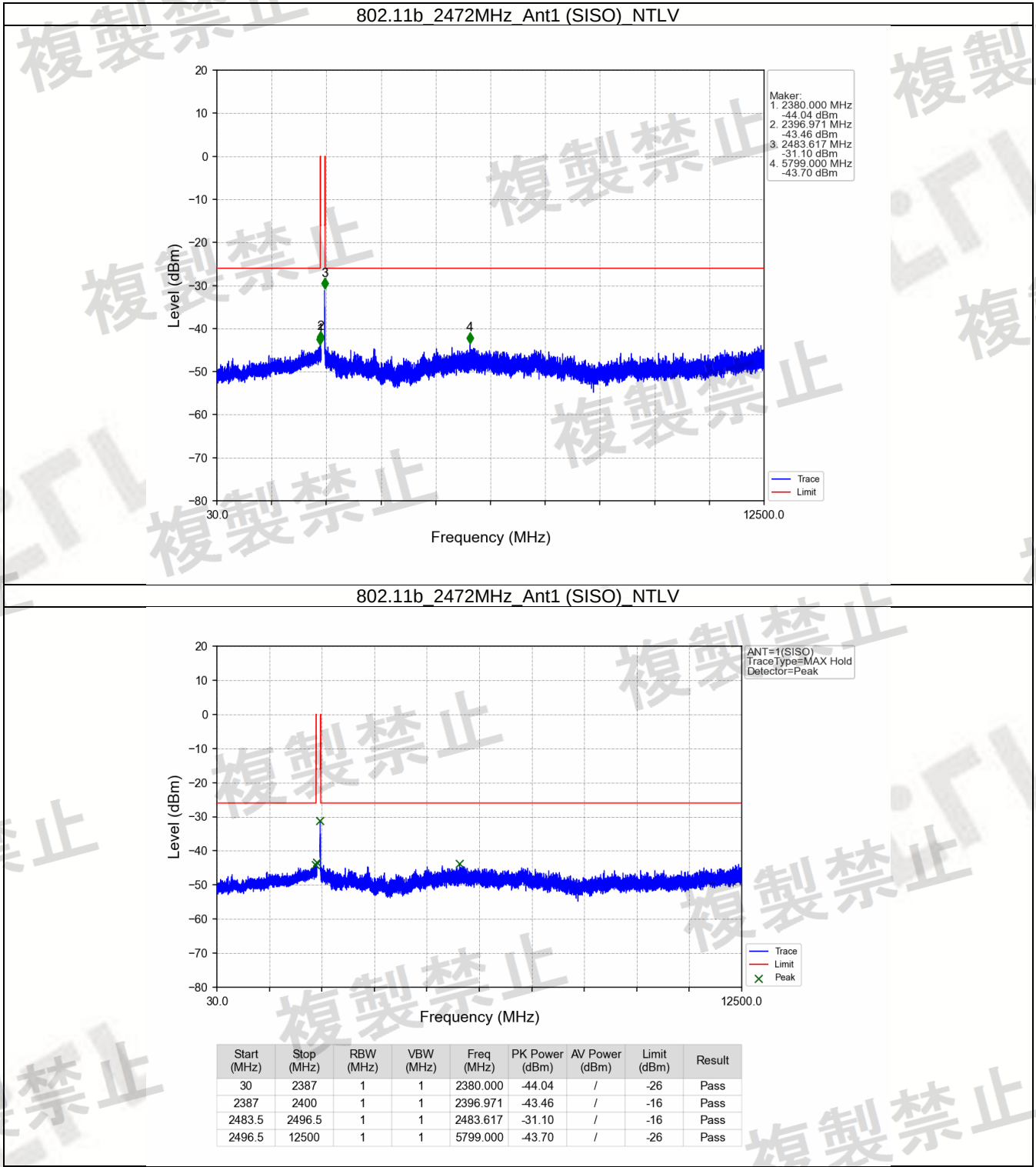
5.2.2 TxSe_NTLV



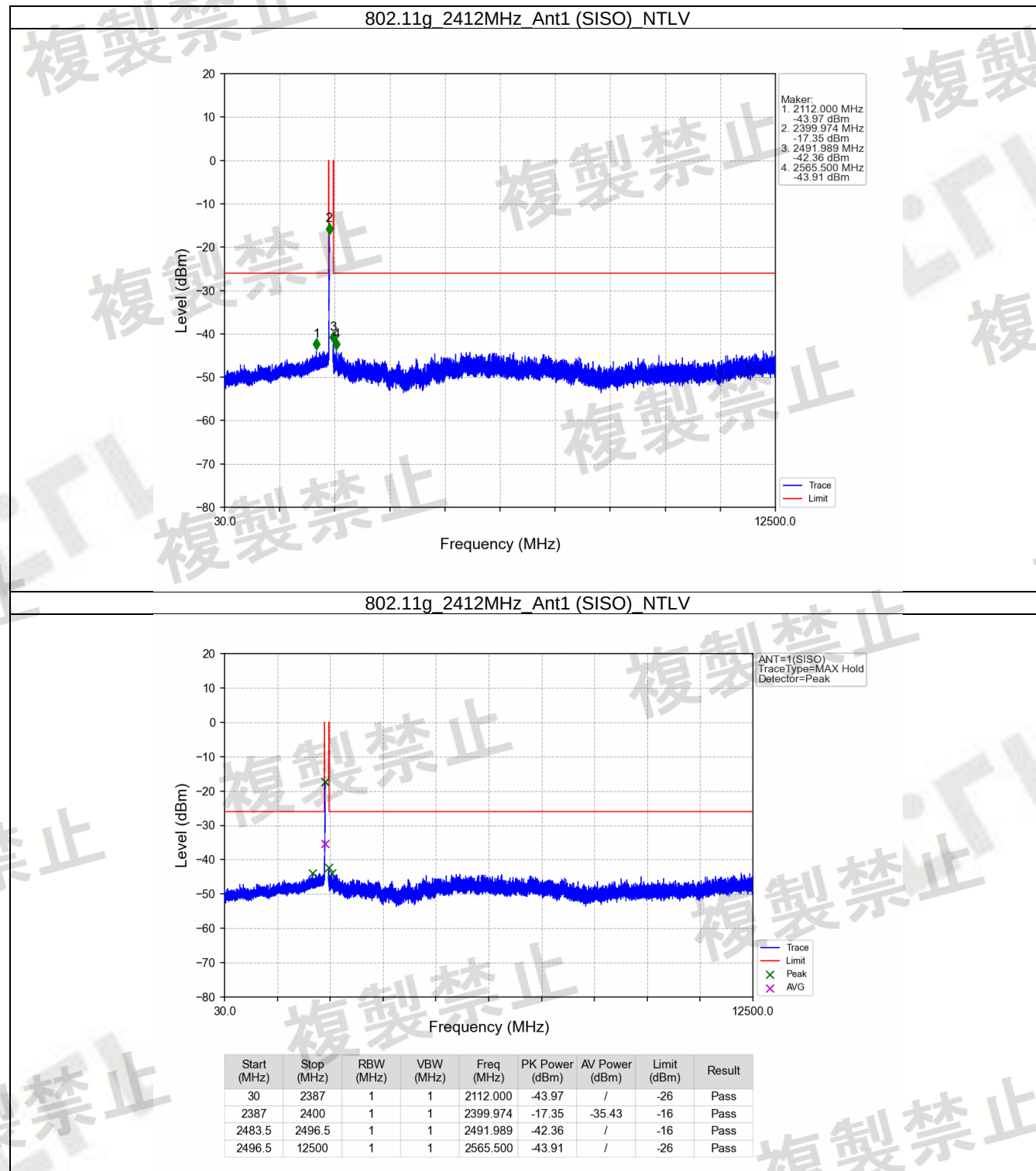
MIC: 219-259553



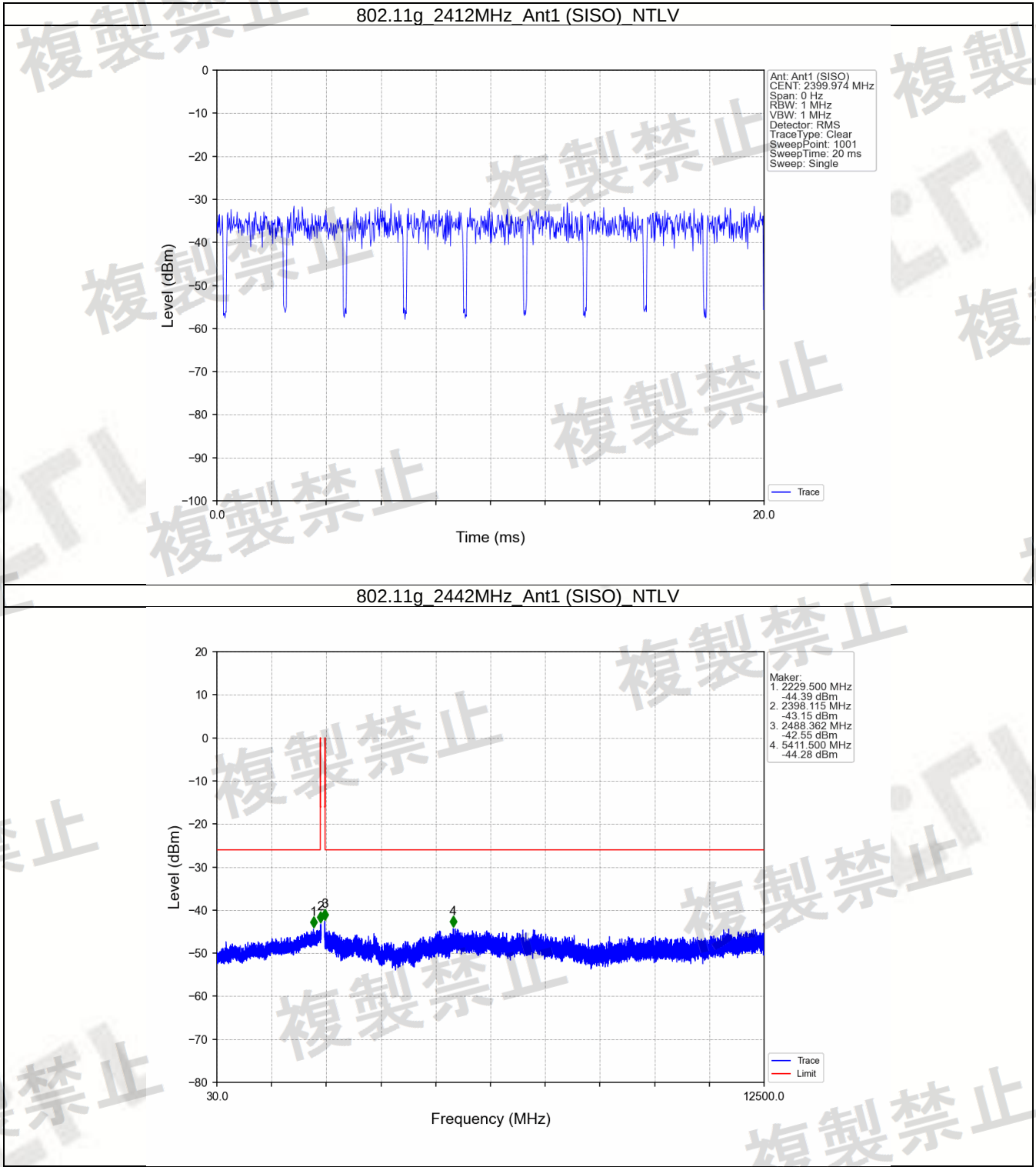
MIC: 219-259553



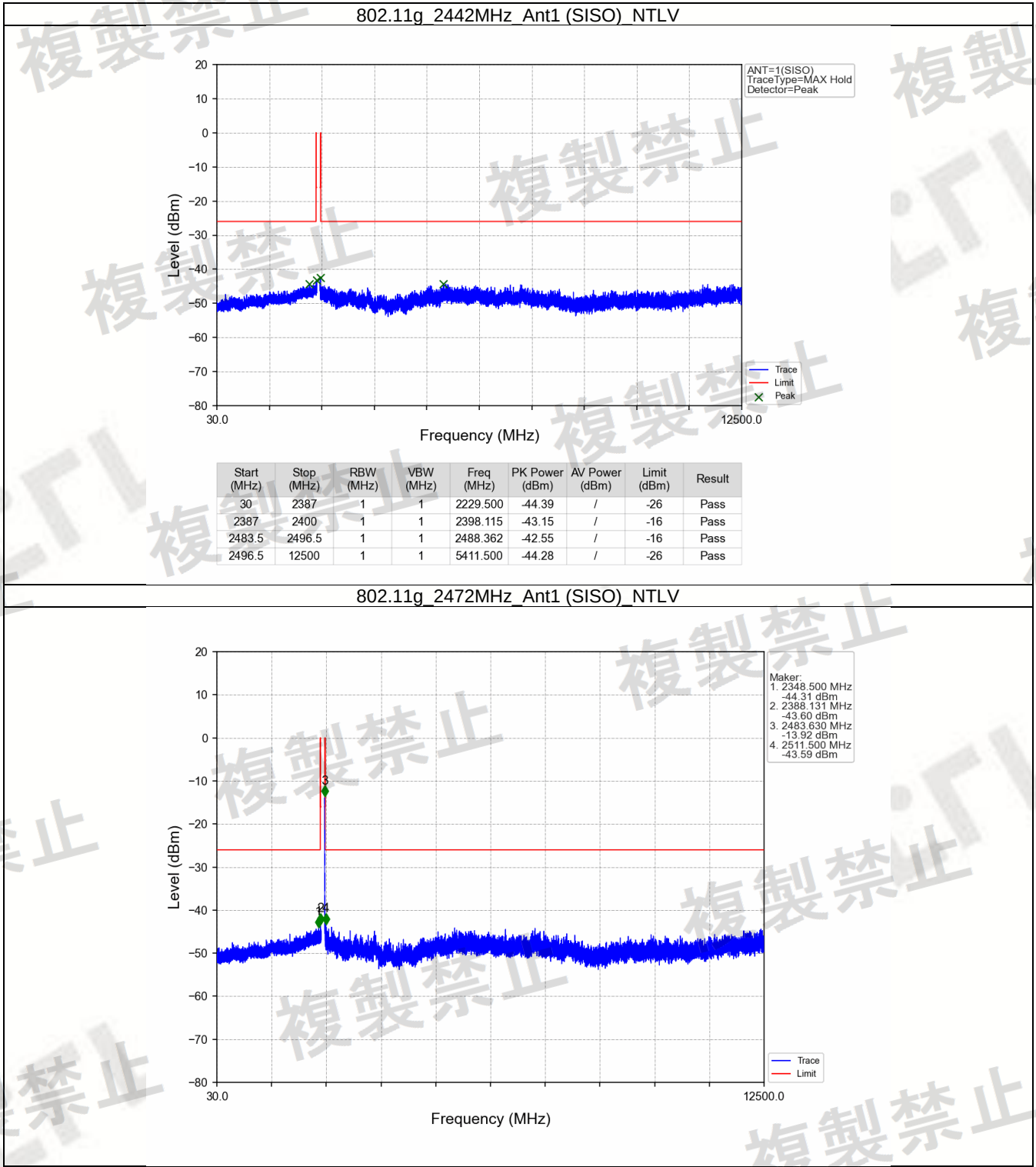
MIC: 219-259553



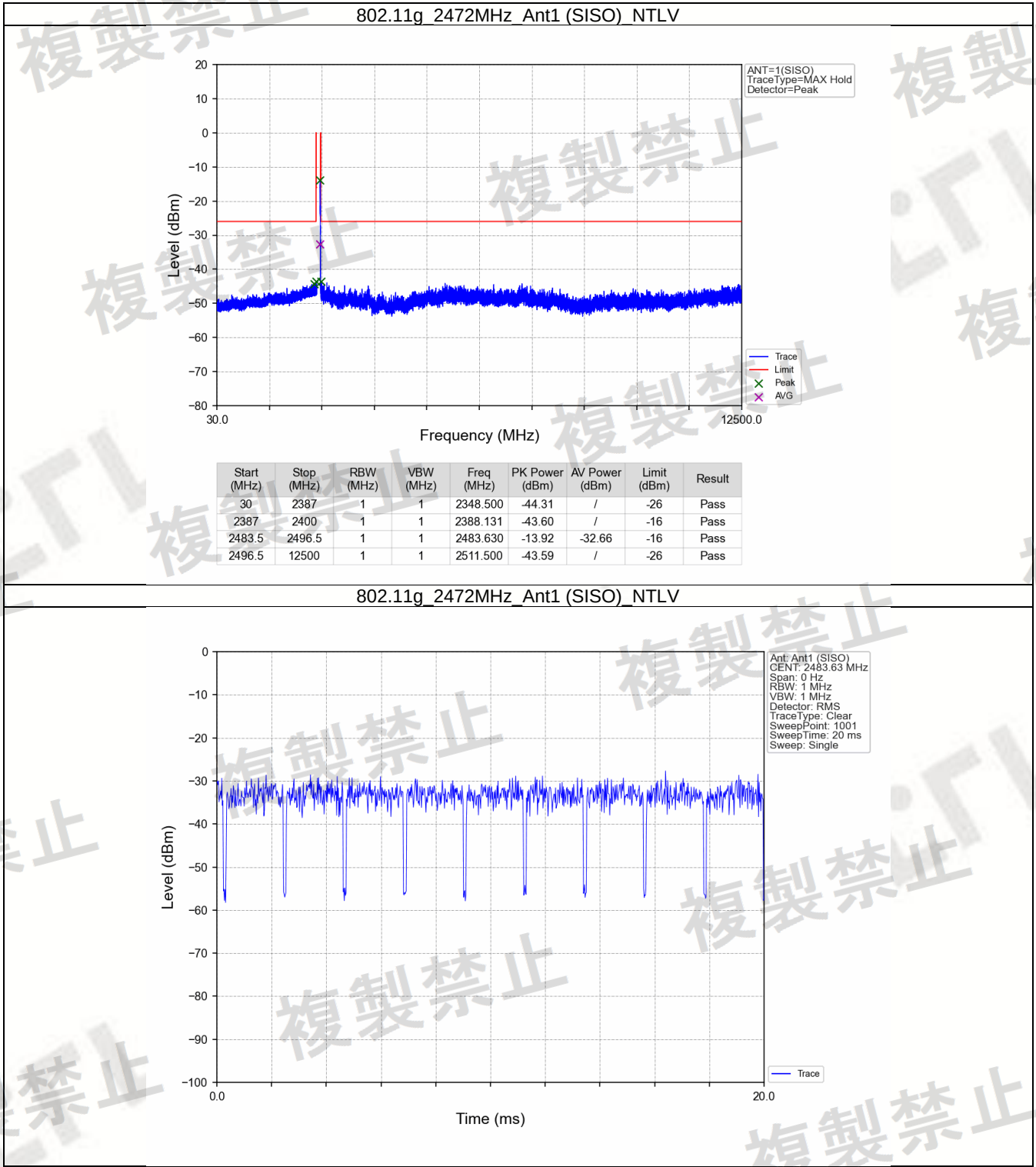
MIC: 219-259553



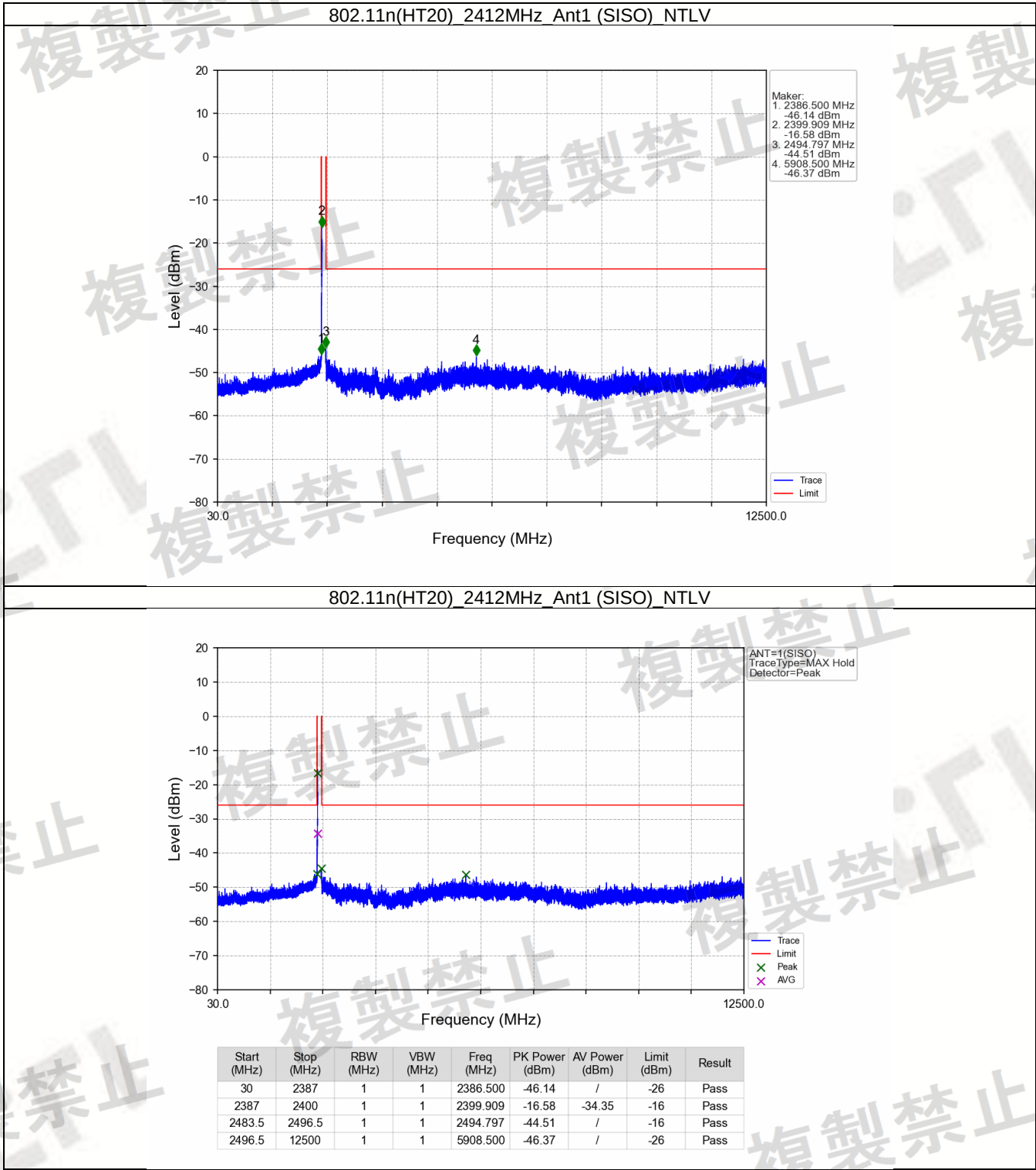
MIC: 219-259553



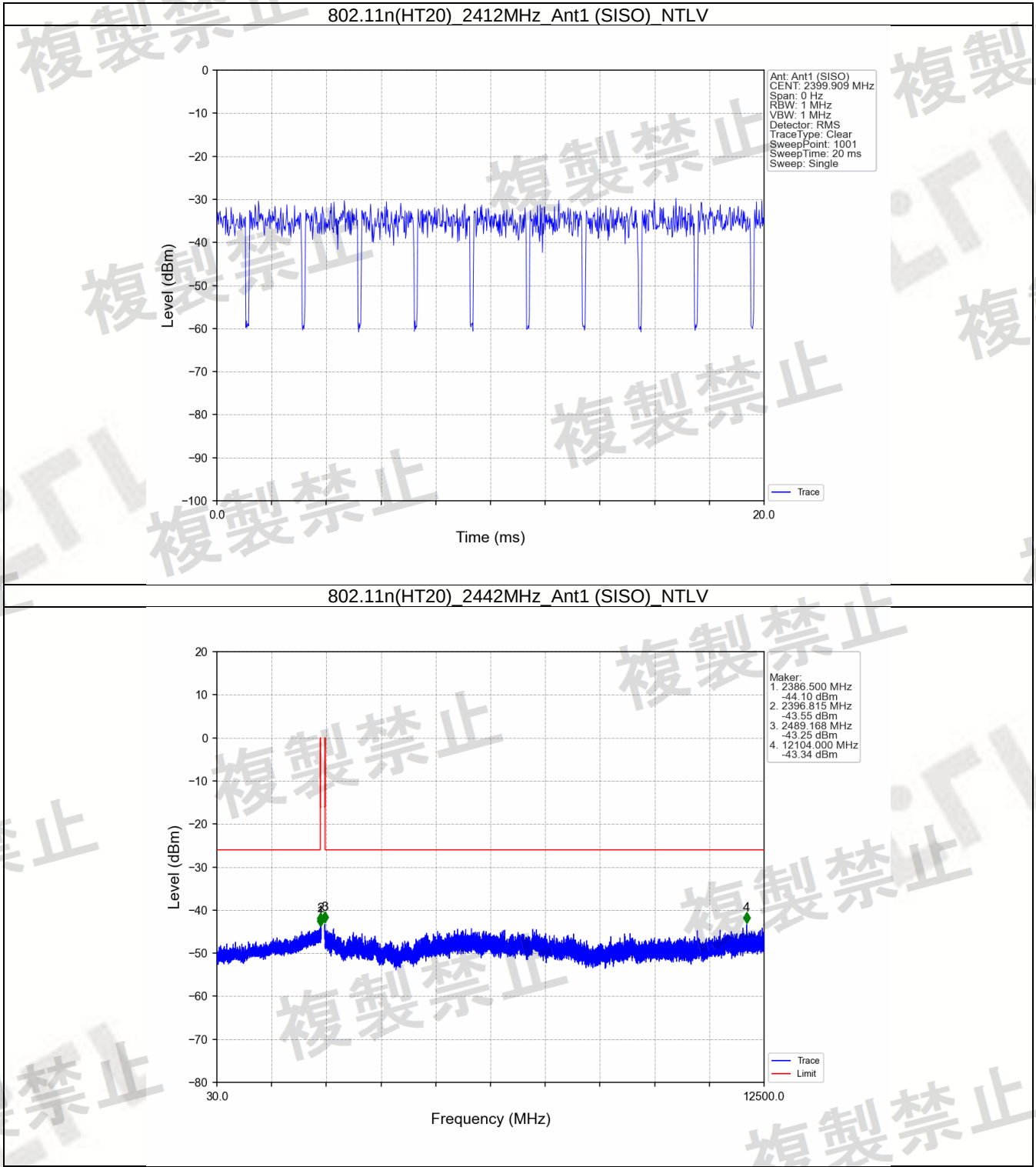
MIC: 219-259553



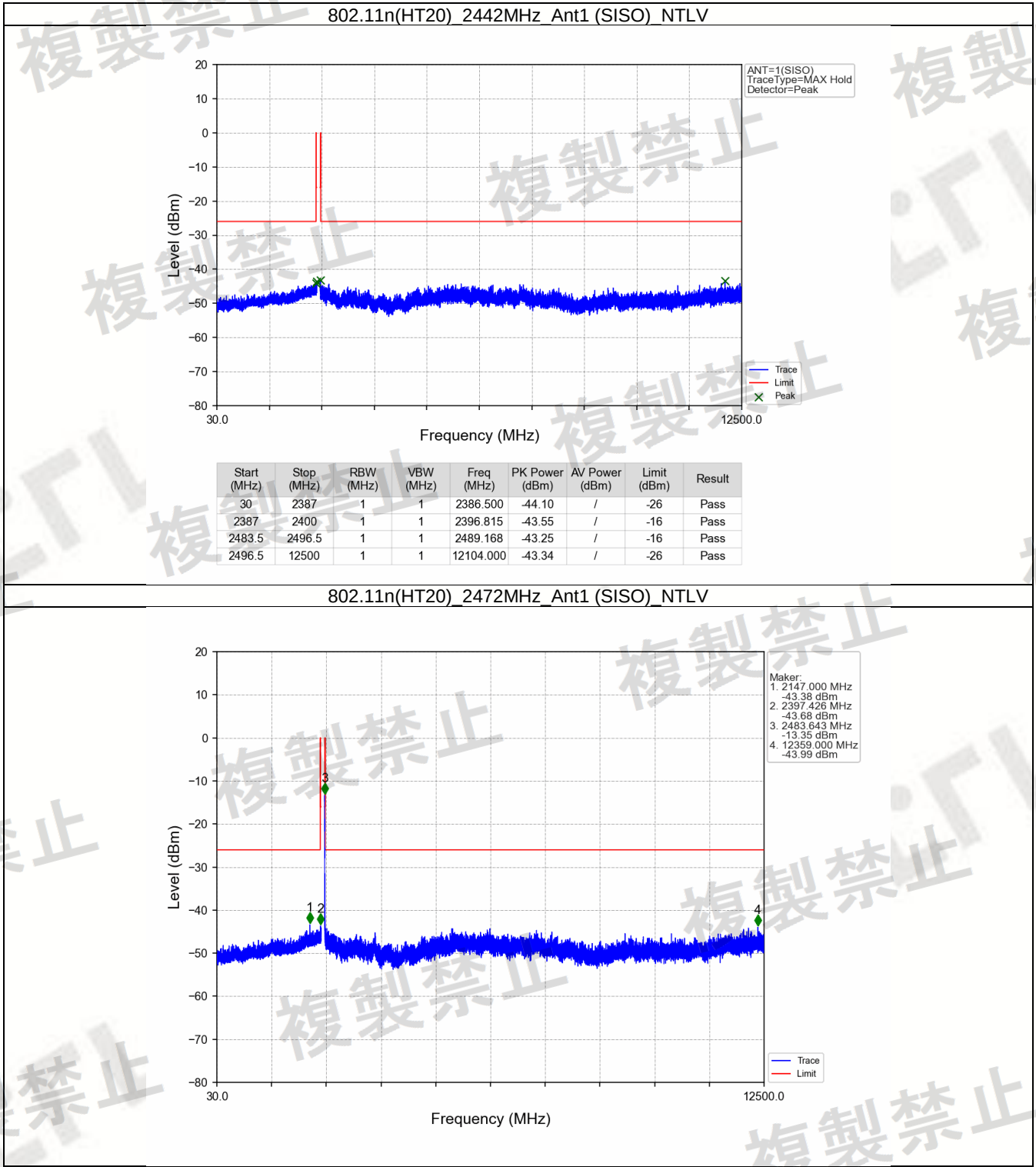
MIC: 219-259553



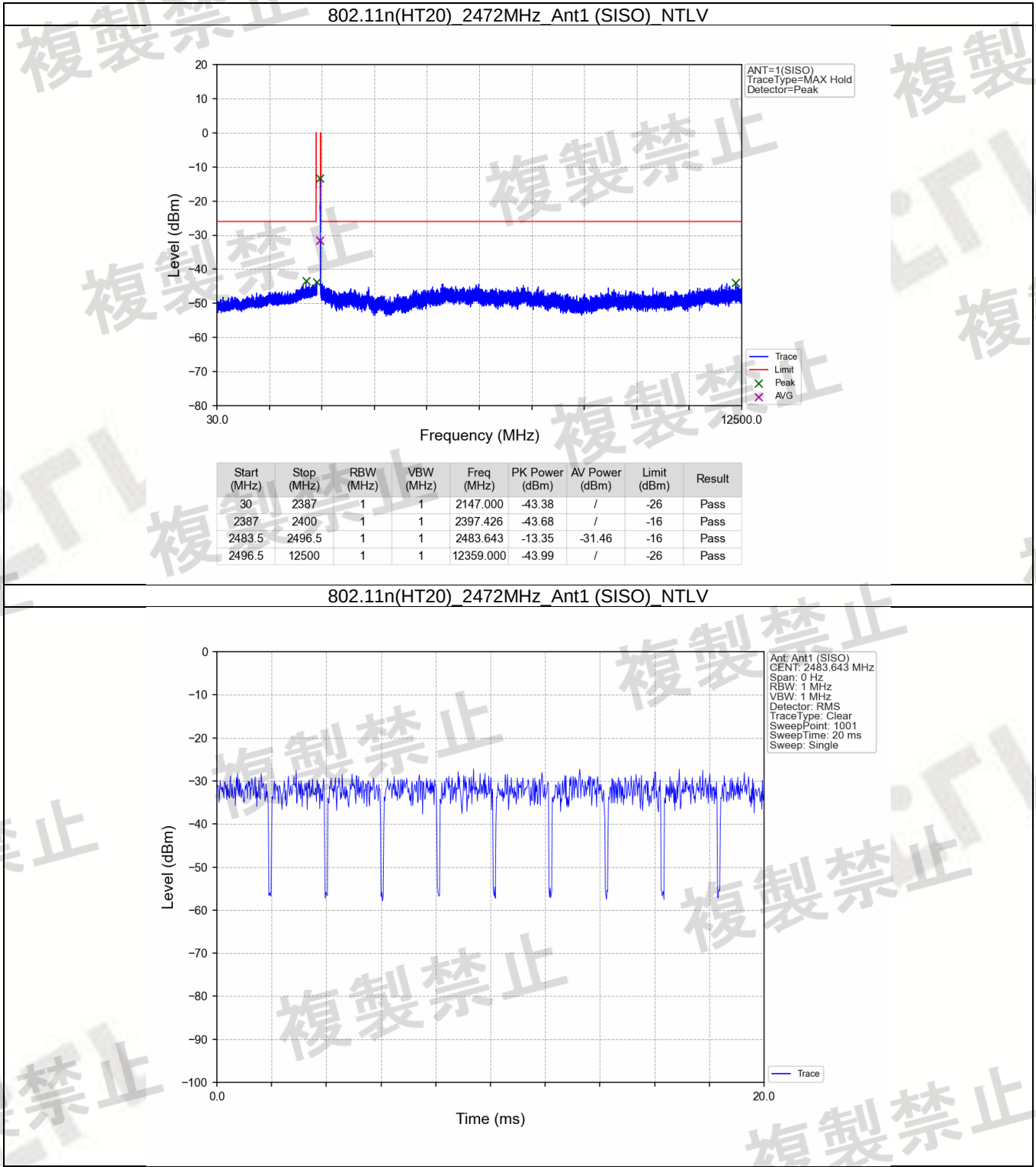
MIC: 219-259553



MIC: 219-259553

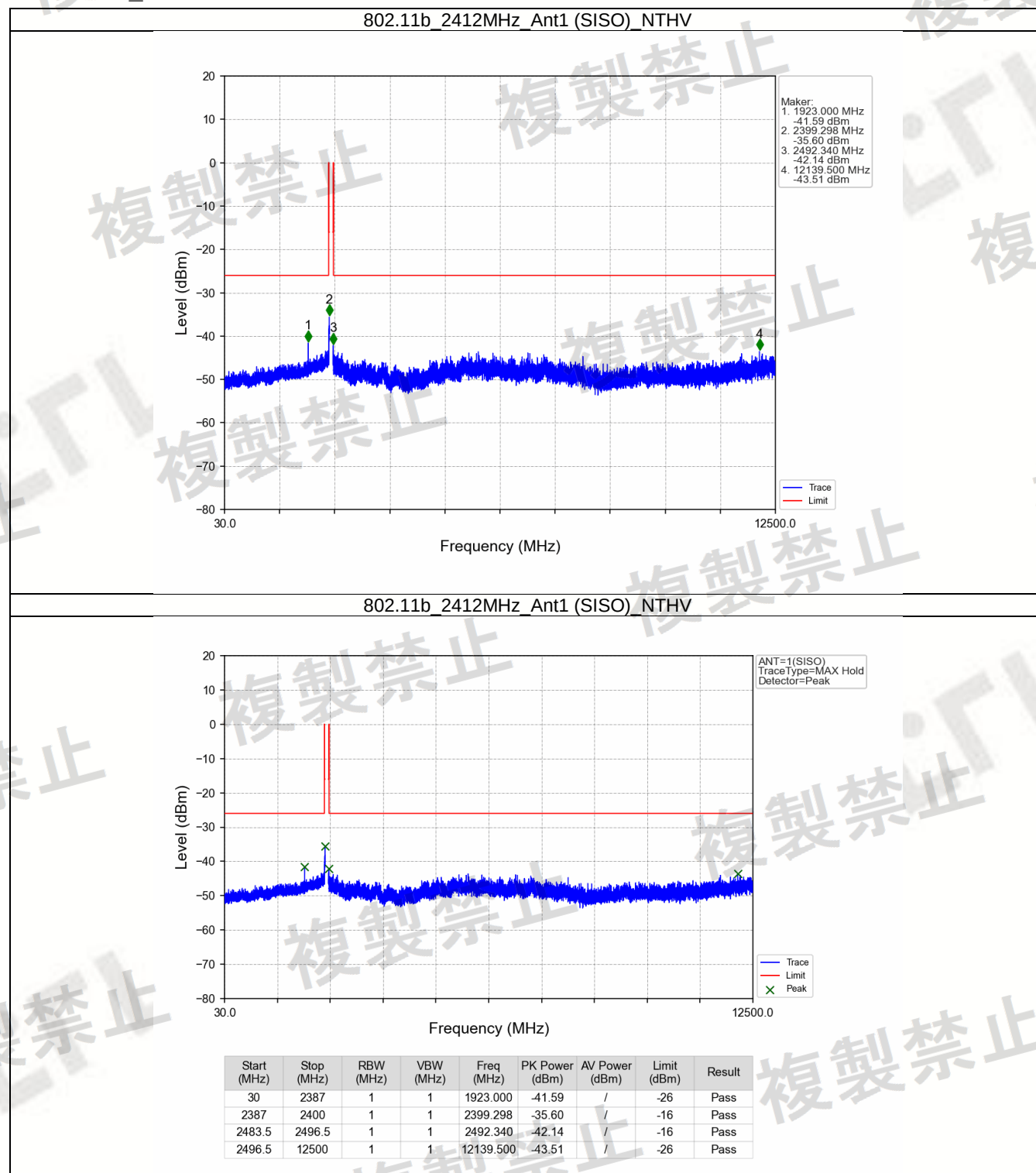


MIC: 219-259553

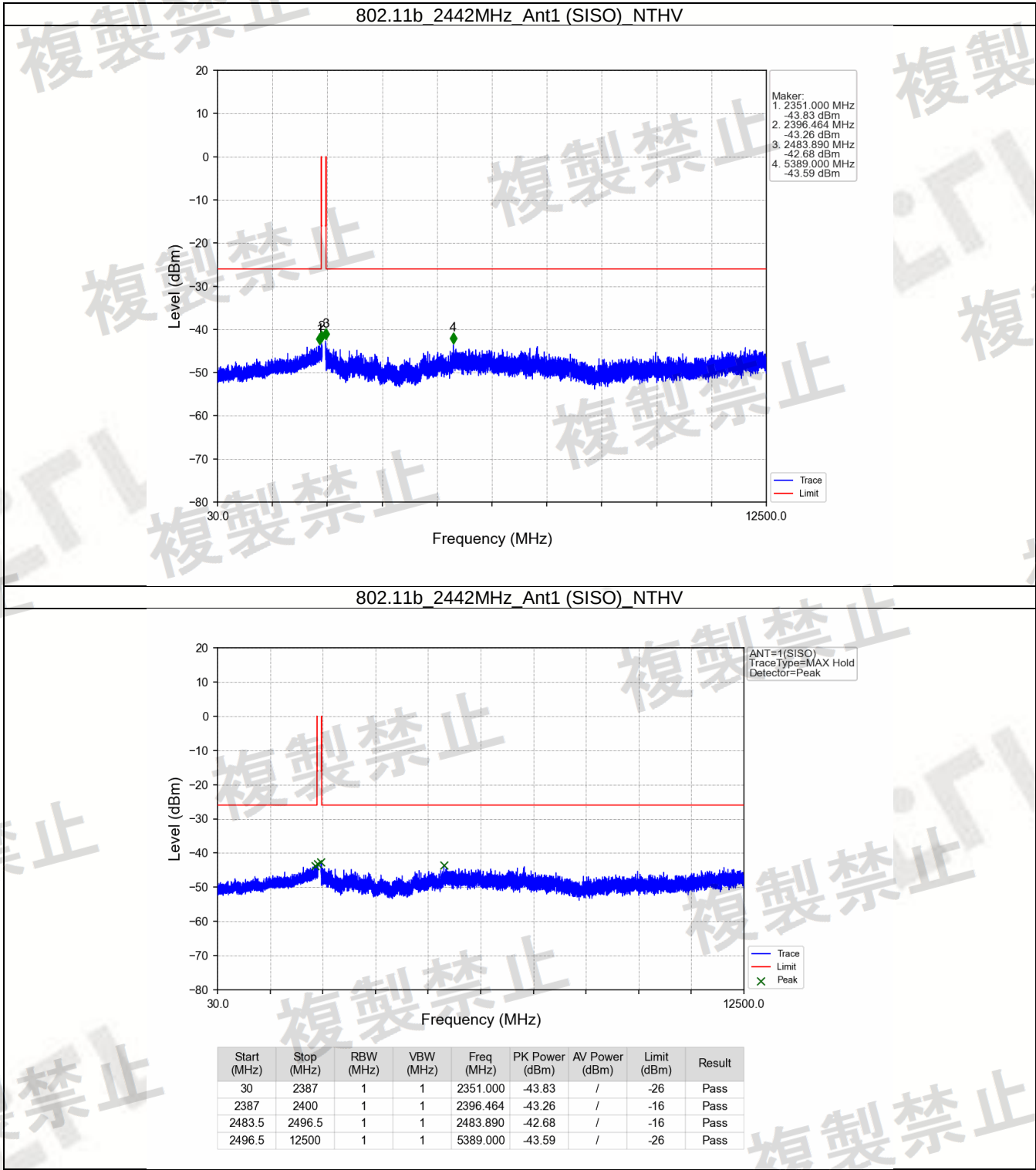


MIC: 219-259553

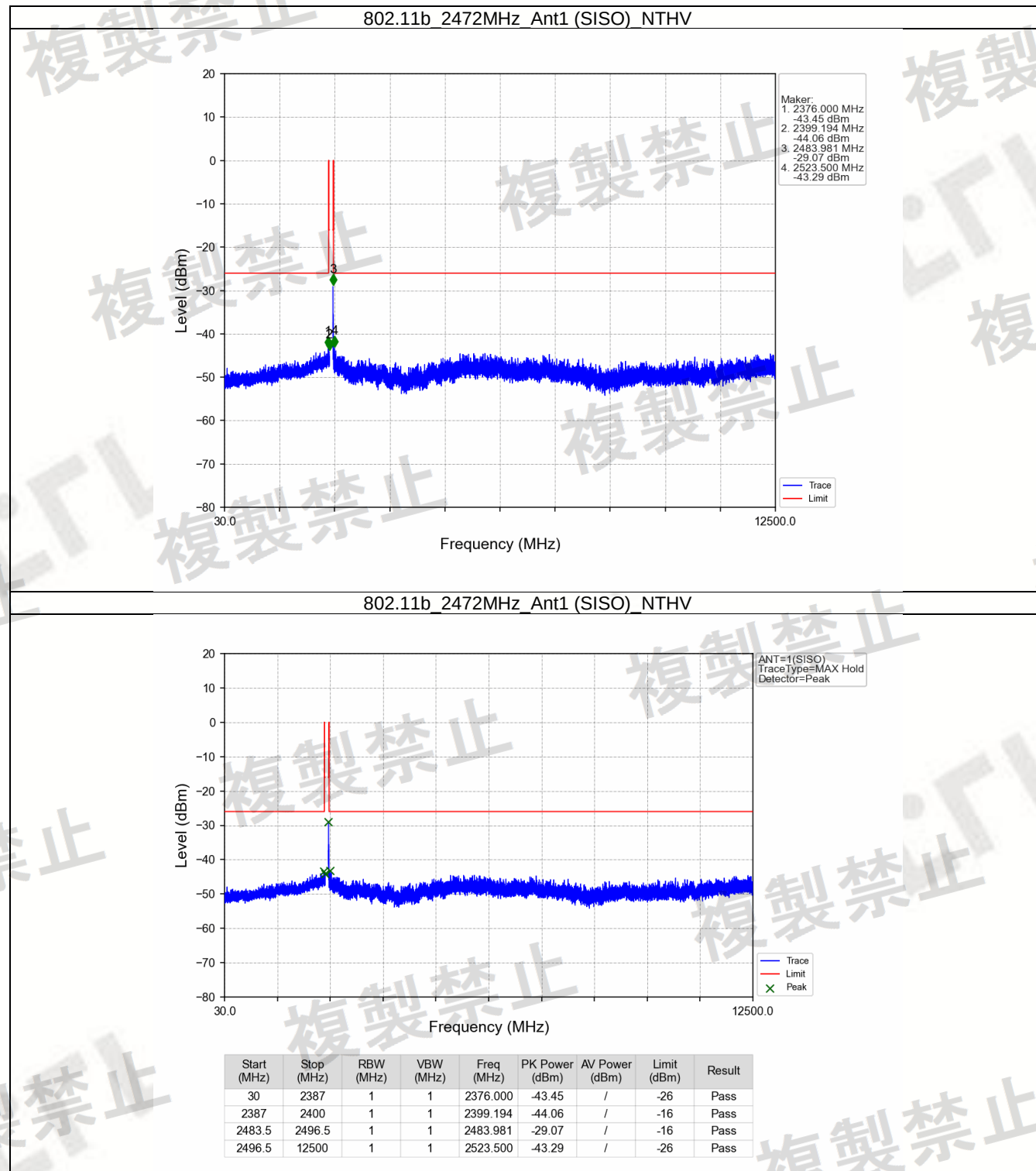
5.2.3 TxSe_NTHV



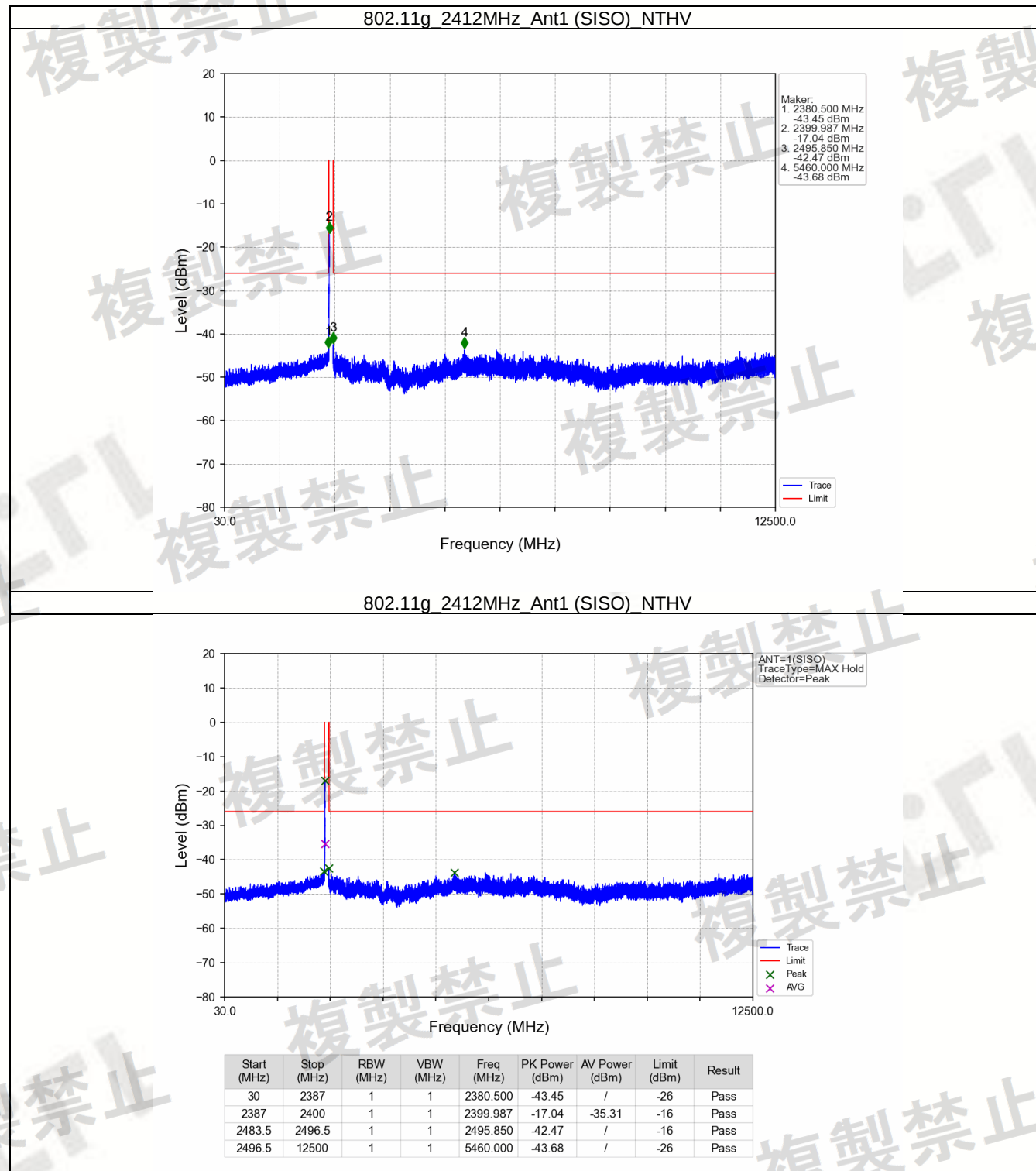
MIC: 219-259553



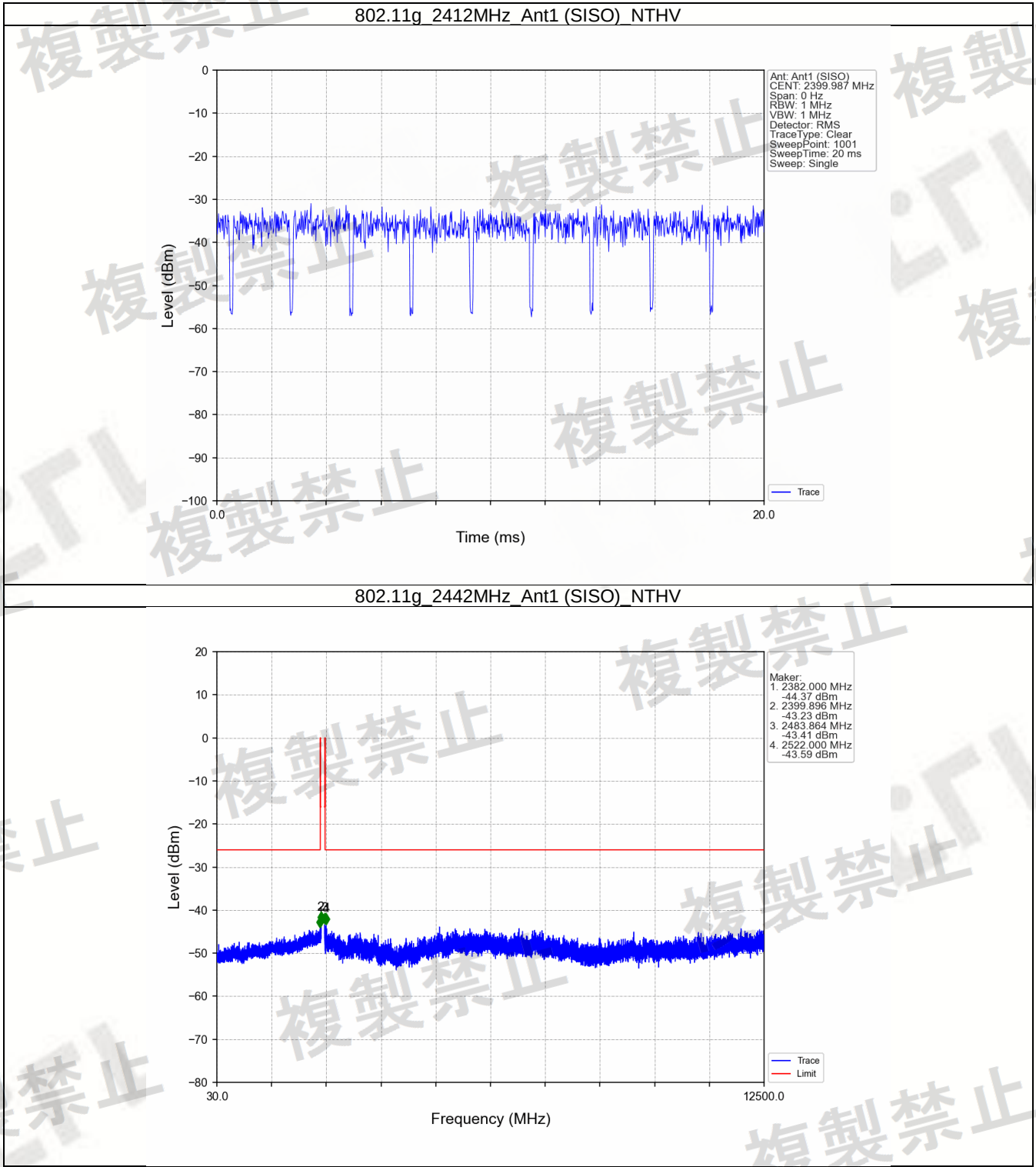
MIC: 219-259553



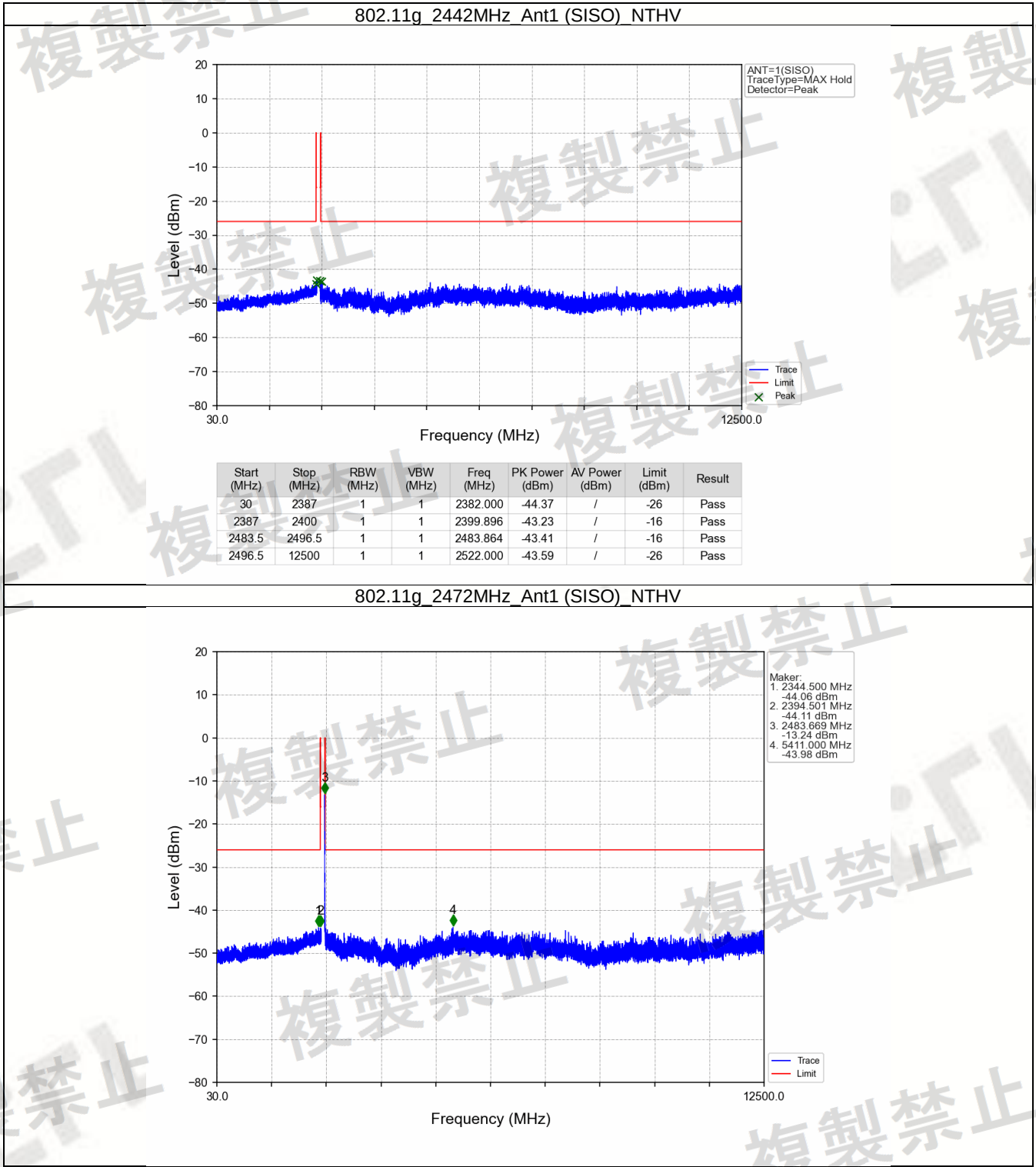
MIC: 219-259553



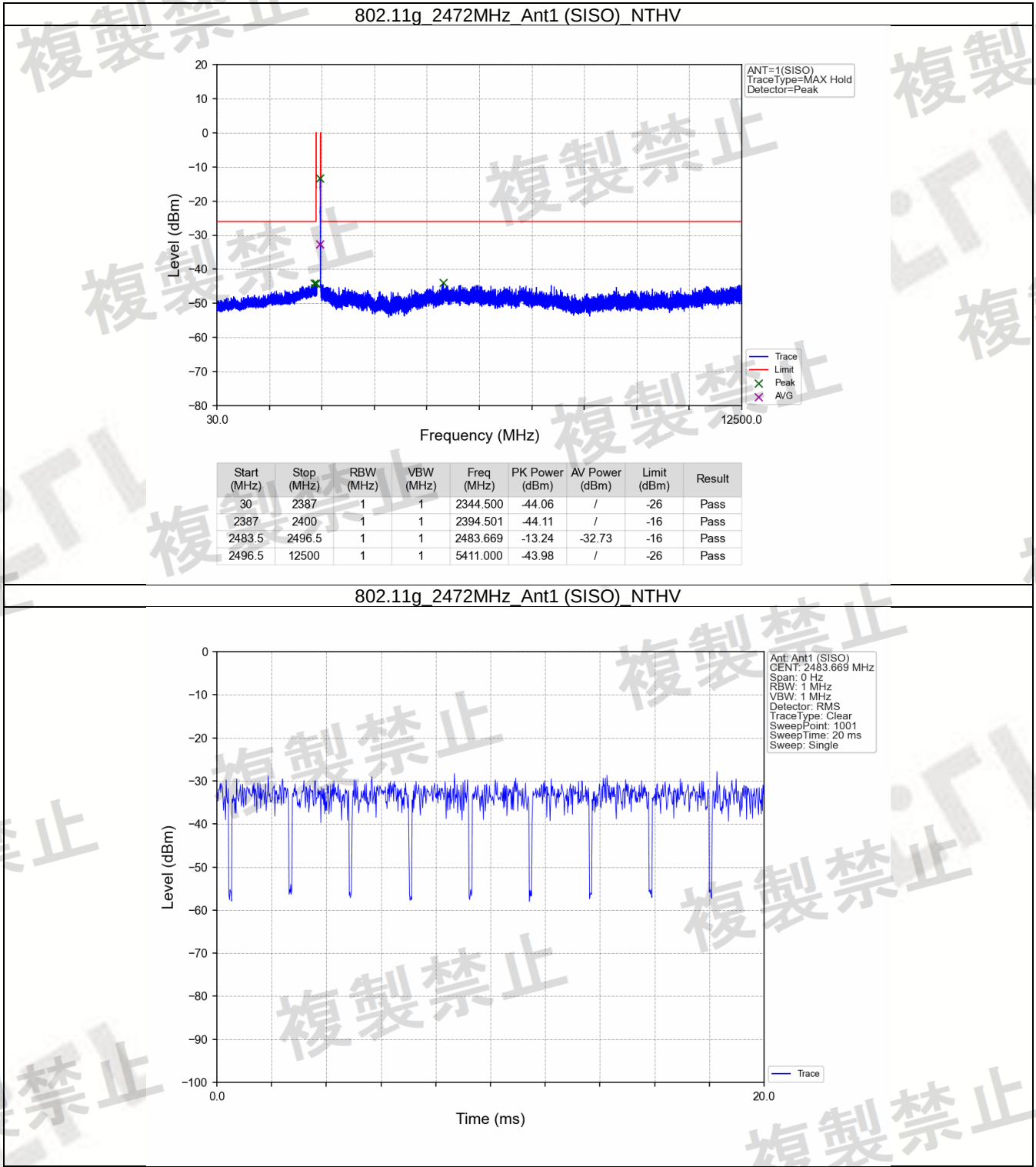
MIC: 219-259553



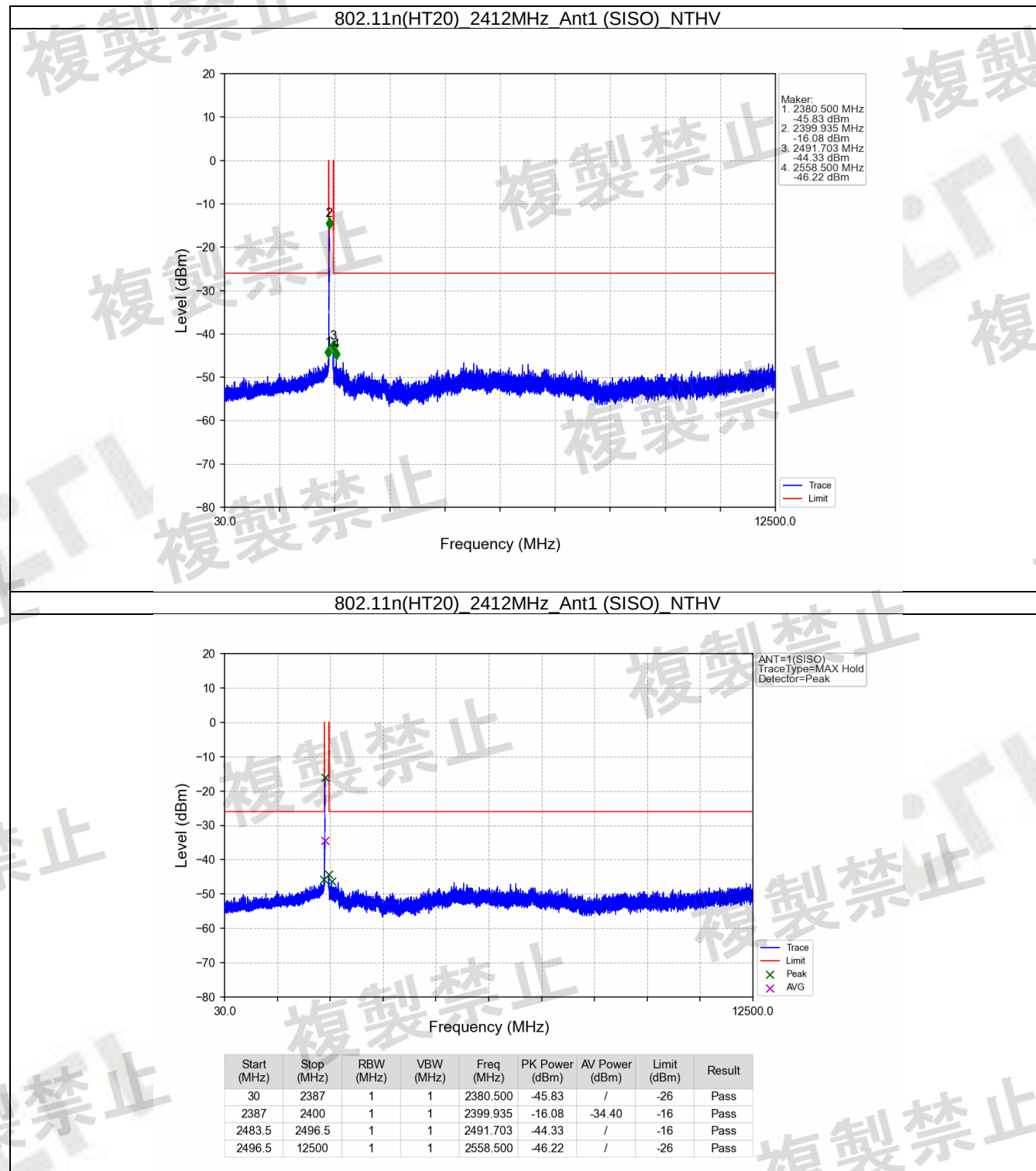
MIC: 219-259553



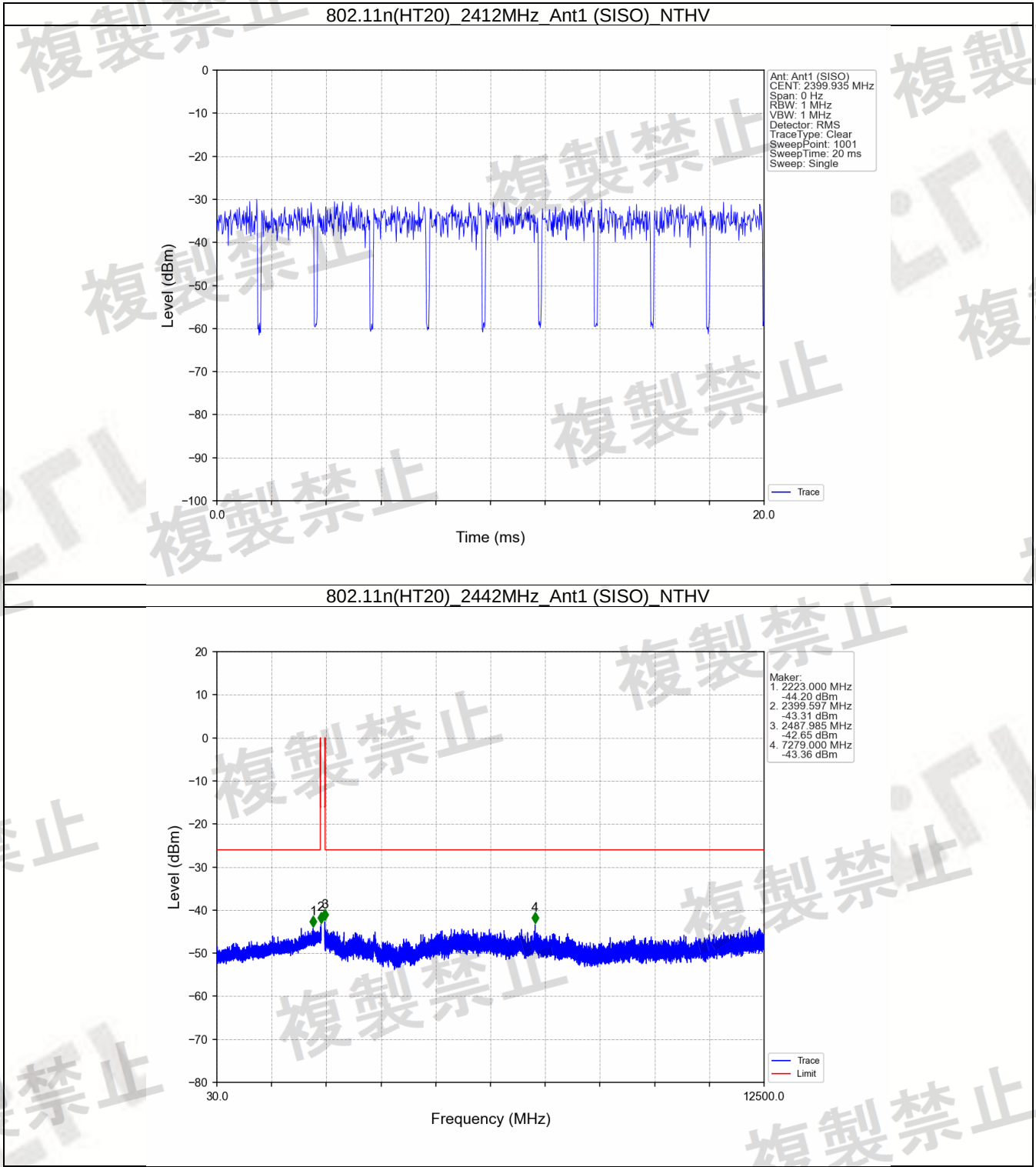
MIC: 219-259553



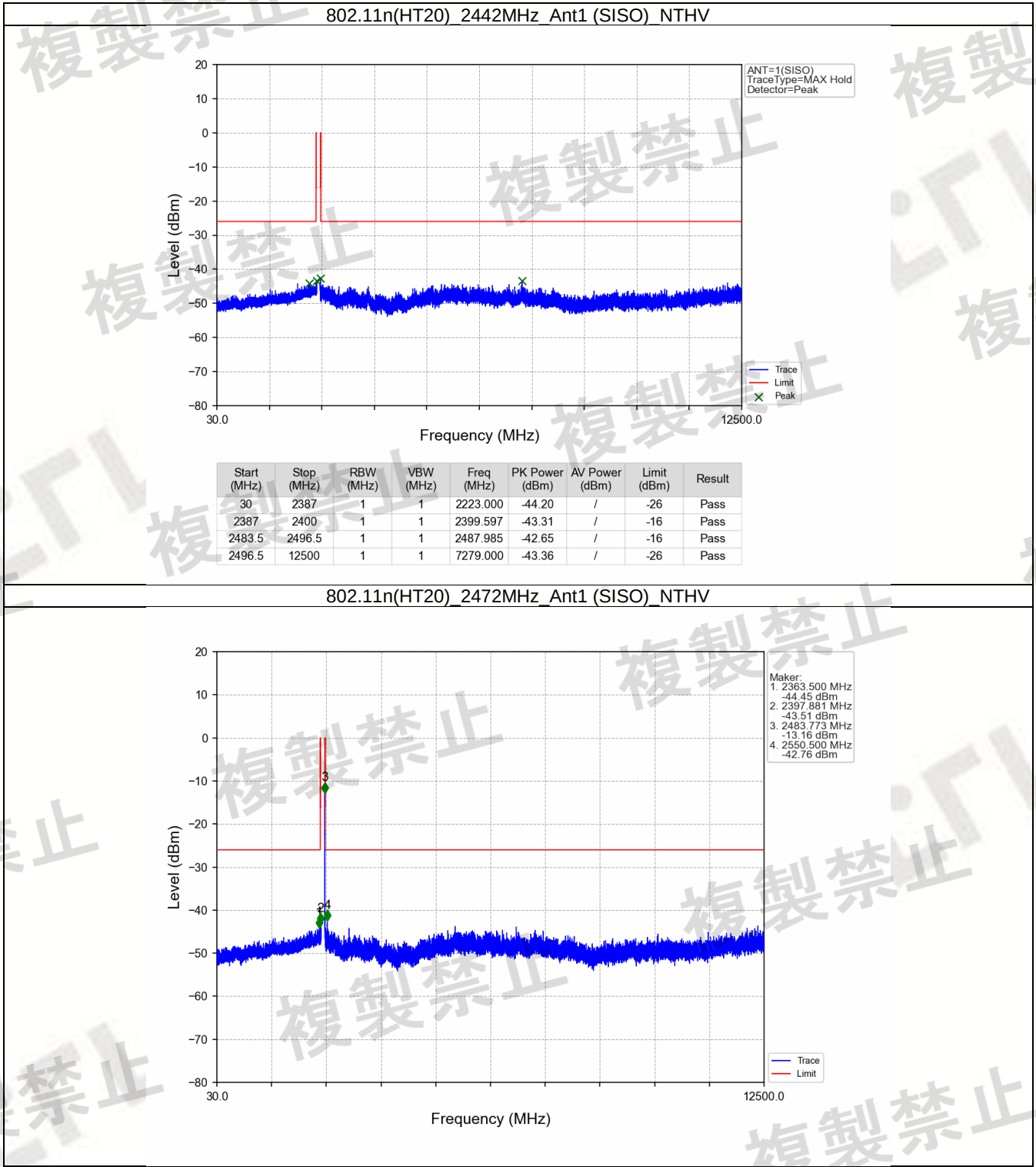
MIC: 219-259553



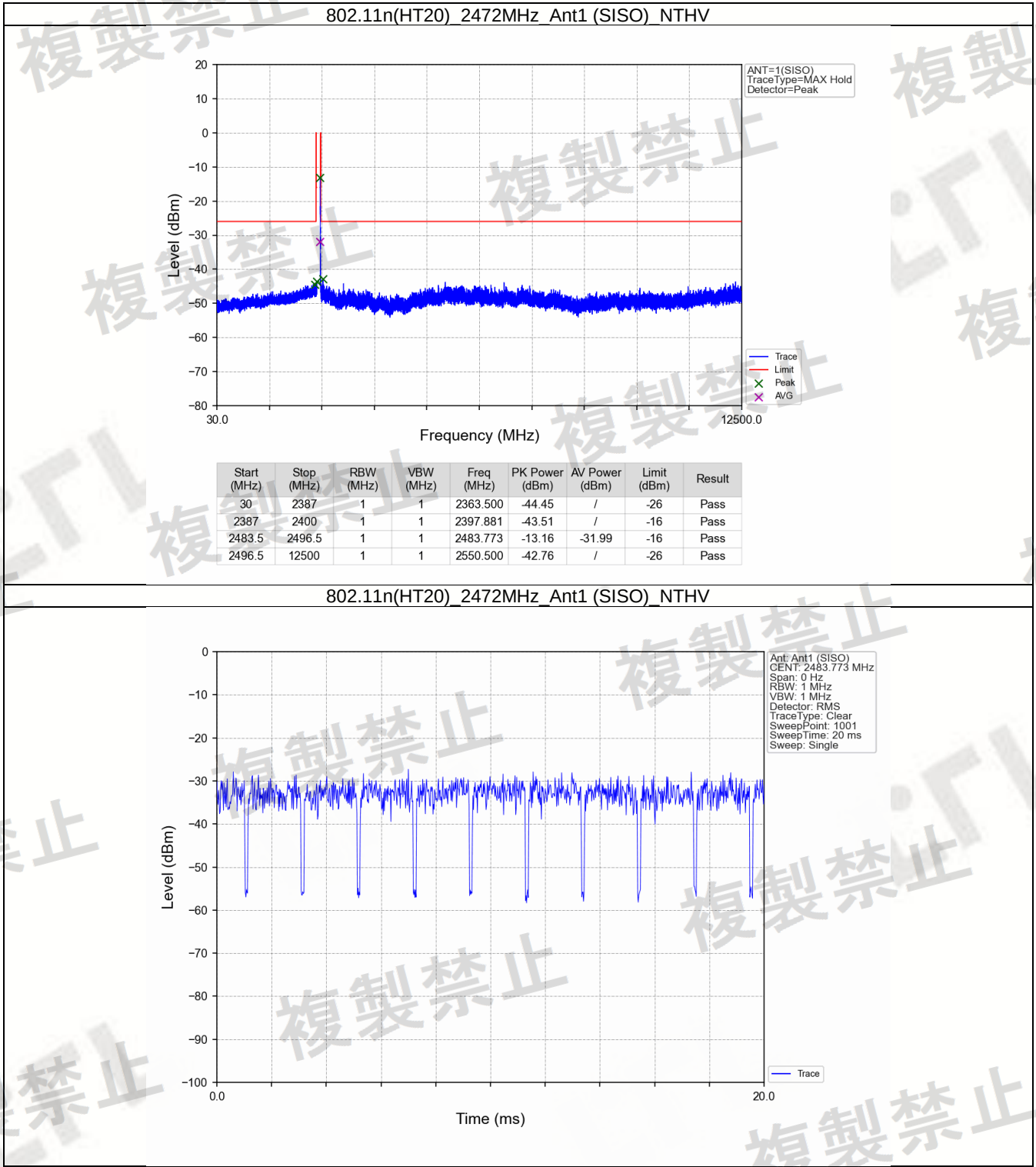
MIC: 219-259553



MIC: 219-259553



MIC: 219-259553



MIC: 219-259553

6. Secondary Radiated Emission

6.1 Test Result

6.1.1 RxSe_NTNV

NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (nW)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm)	PK Power (nW)	AV Power (dBm)	AV Power (nW)		
802.11b	SISO	2412	1	30	1000	930.3	-76.73	0.021	/	/	4	Pass
				1000	12500	5741.5	-63.20	0.479	/	/	20	Pass
		2442	1	30	1000	865.3	-76.69	0.021	/	/	4	Pass
				1000	12500	2468.5	-62.40	0.575	/	/	20	Pass
		2472	1	30	1000	721.8	-60.76	0.839	/	/	4	Pass
				1000	12500	11711.5	-62.53	0.558	/	/	20	Pass
802.11g	SISO	2412	1	30	1000	475.5	-77.01	0.020	/	/	4	Pass
				1000	12500	5751.5	-60.67	0.857	/	/	20	Pass
		2442	1	30	1000	731.4	-59.65	1.084	-89.23	0.001	4	Pass
				1000	12500	7017	-63.07	0.493	/	/	20	Pass
		2472	1	30	1000	920.75	-76.44	0.023	/	/	4	Pass
				1000	12500	7112	-63.76	0.421	/	/	20	Pass
802.11n (HT20)	SISO	2412	1	30	1000	783.05	-75.88	0.026	/	/	4	Pass
				1000	12500	11999	-62.89	0.514	/	/	20	Pass
		2442	1	30	1000	768.85	-76.70	0.021	/	/	4	Pass
				1000	12500	12204.5	-63.28	0.470	/	/	20	Pass
		2472	1	30	1000	729.8	-55.13	3.069	-89.59	0.001	4	Pass
				1000	12500	5519.5	-63.28	0.470	/	/	20	Pass

6.1.2 RxSe_NTLV

NTLV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (nW)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm)	PK Power (nW)	AV Power (dBm)	AV Power (nW)		
802.11b	SISO	2412	1	30	1000	886.4	-76.24	0.024	/	/	4	Pass
				1000	12500	12349.5	-62.83	0.521	/	/	20	Pass
		2442	1	30	1000	894.8	-76.60	0.022	/	/	4	Pass
				1000	12500	12330	-62.97	0.505	/	/	20	Pass
		2472	1	30	1000	867.35	-76.82	0.021	/	/	4	Pass
				1000	12500	5752.5	-63.75	0.422	/	/	20	Pass
802.11g	SISO	2412	1	30	1000	992.05	-76.86	0.021	/	/	4	Pass
				1000	12500	12022.5	-62.86	0.518	/	/	20	Pass
		2442	1	30	1000	772.65	-76.55	0.022	/	/	4	Pass
				1000	12500	12281.5	-63.66	0.431	/	/	20	Pass
		2472	1	30	1000	950.85	-77.13	0.019	/	/	4	Pass
				1000	12500	5432.5	-63.99	0.399	/	/	20	Pass
802.11n (HT20)	SISO	2412	1	30	1000	886.55	-76.99	0.020	/	/	4	Pass
				1000	12500	7325.5	-63.07	0.493	/	/	20	Pass
		2442	1	30	1000	91.7	-77.00	0.020	/	/	4	Pass
				1000	12500	5467.5	-63.37	0.460	/	/	20	Pass
		2472	1	30	1000	732.2	-53.93	4.046	-89.36	0.001	4	Pass
				1000	12500	5745.5	-63.59	0.438	/	/	20	Pass

MIC: 219-259553

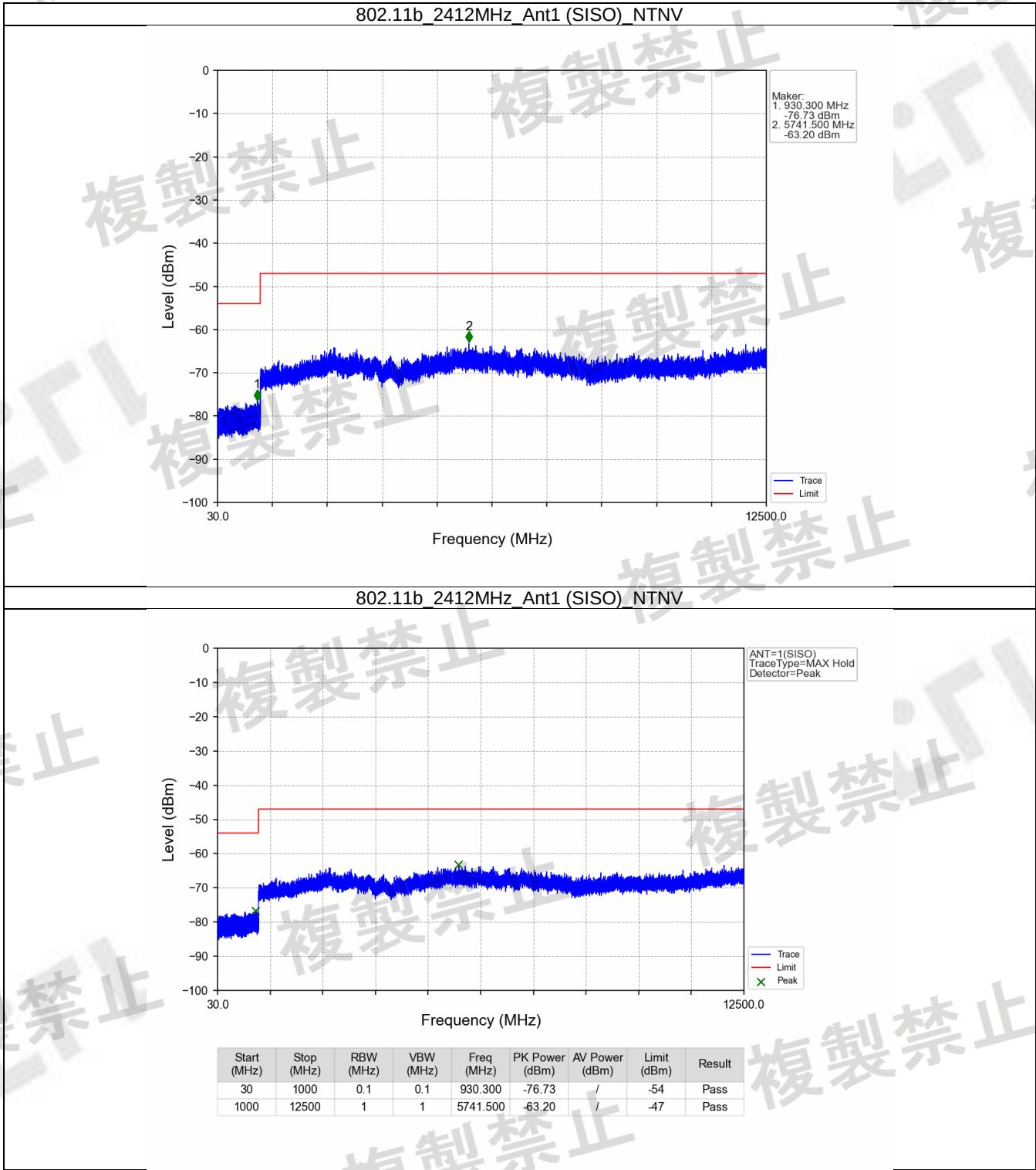
6.1.3 RxSe_NTHV

NTHV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (nW)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm)	PK Power (nW)	AV Power (dBm)	AV Power (nW)		
802.11b	SISO	2412	1	30	1000	850.45	-76.50	0.022	/	/	4	Pass
				1000	12500	12442	-63.00	0.501	/	/	20	Pass
		2442	1	30	1000	228.9	-77.15	0.019	/	/	4	Pass
				1000	12500	5753	-61.49	0.710	/	/	20	Pass
		2472	1	30	1000	995.2	-76.77	0.021	/	/	4	Pass
				1000	12500	5741	-60.38	0.916	/	/	20	Pass
802.11g	SISO	2412	1	30	1000	269.7	-76.80	0.021	/	/	4	Pass
				1000	12500	12452	-62.62	0.547	/	/	20	Pass
		2442	1	30	1000	876.5	-76.74	0.021	/	/	4	Pass
				1000	12500	5753.5	-61.06	0.783	/	/	20	Pass
		2472	1	30	1000	909.85	-76.02	0.025	/	/	4	Pass
				1000	12500	12100	-63.62	0.435	/	/	20	Pass
802.11n (HT20)	SISO	2412	1	30	1000	800.45	-76.72	0.021	/	/	4	Pass
				1000	12500	5673.5	-63.35	0.462	/	/	20	Pass
		2442	1	30	1000	459.05	-76.46	0.023	/	/	4	Pass
				1000	12500	12049	-63.69	0.428	/	/	20	Pass
		2472	1	30	1000	704.25	-54.29	3.724	-89.58	0.001	4	Pass
				1000	12500	5757	-62.53	0.558	/	/	20	Pass

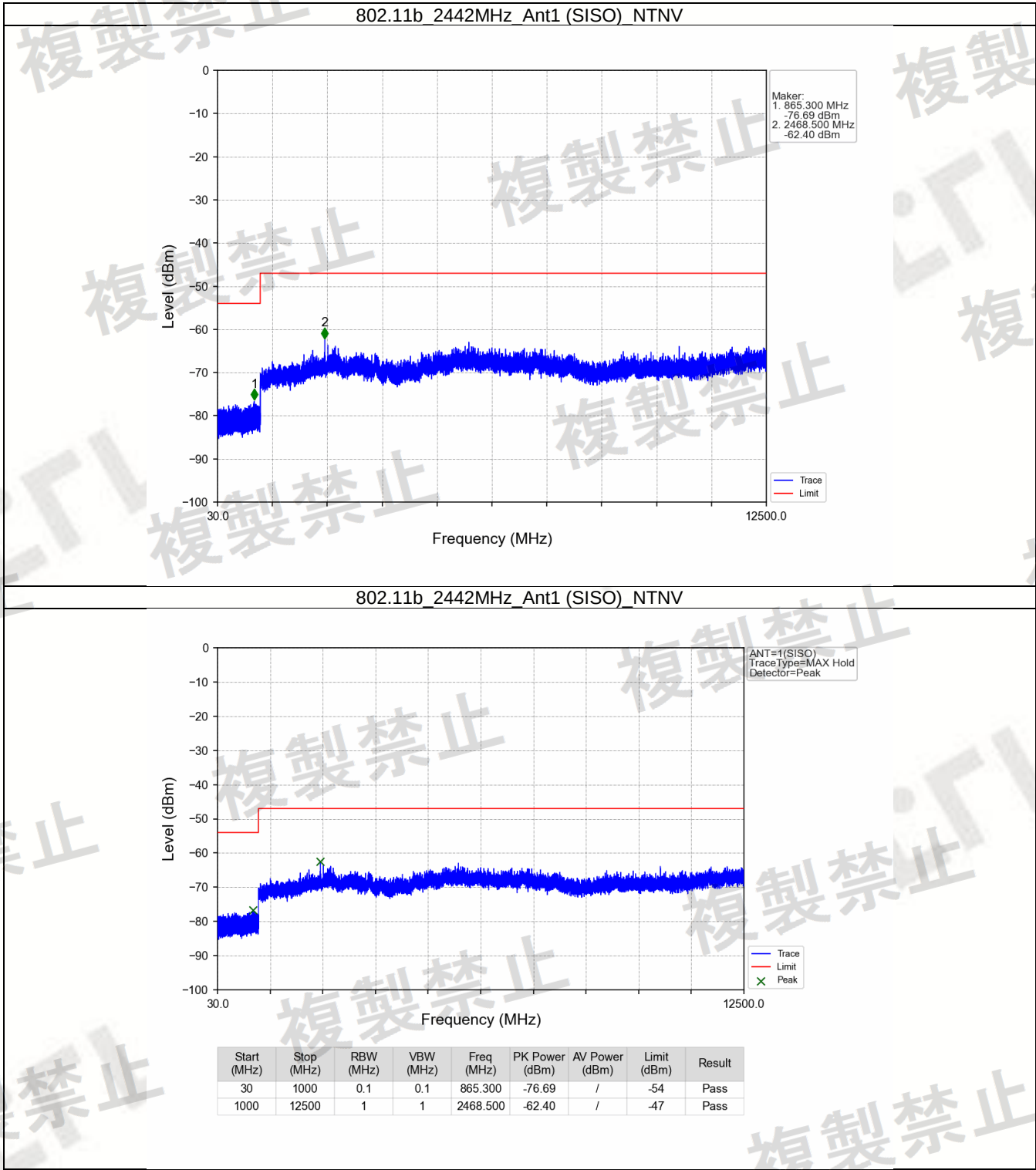
MIC: 219-259553

6.2 Test Graph

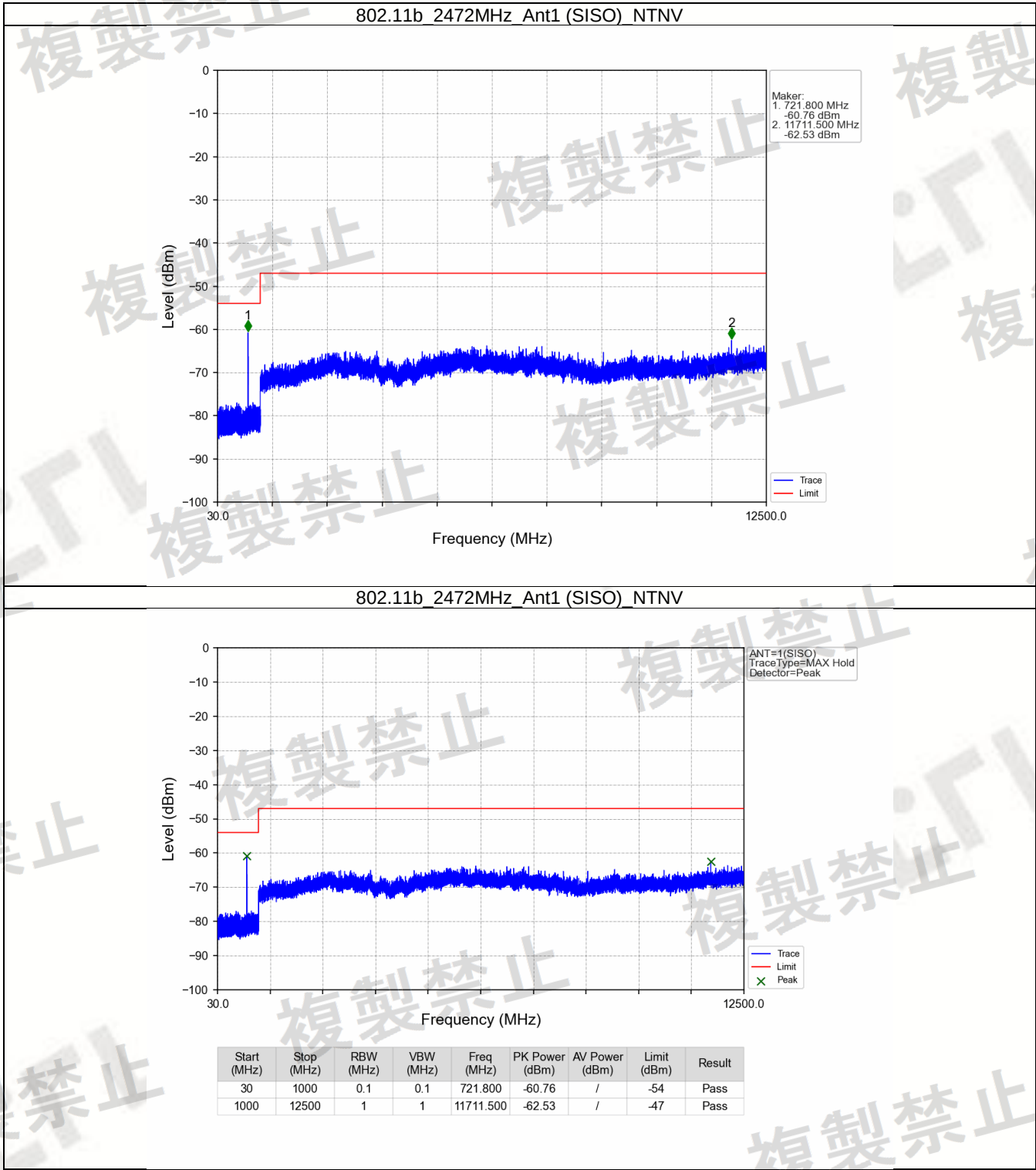
6.2.1 RxSe_NTNV



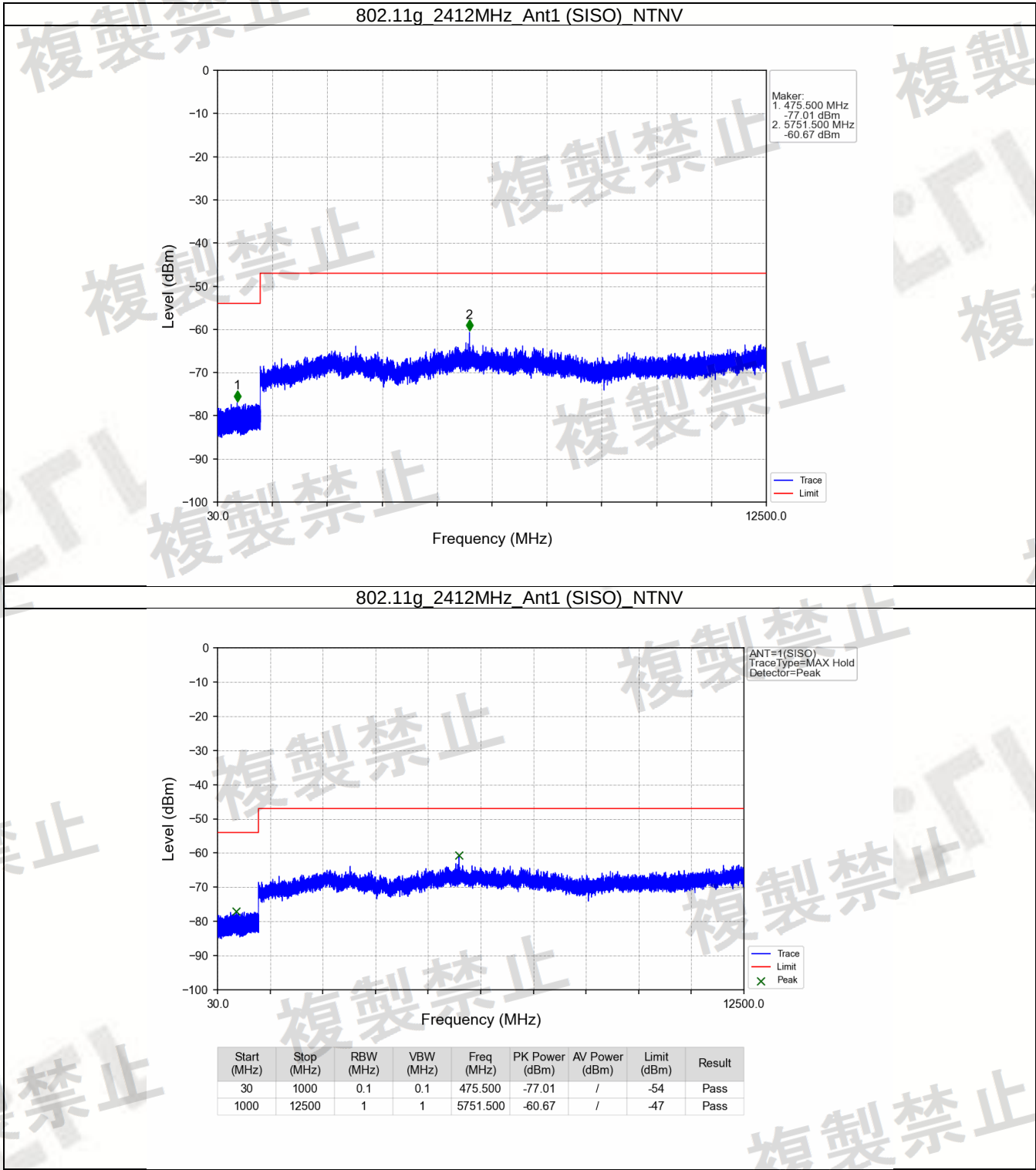
MIC: 219-259553



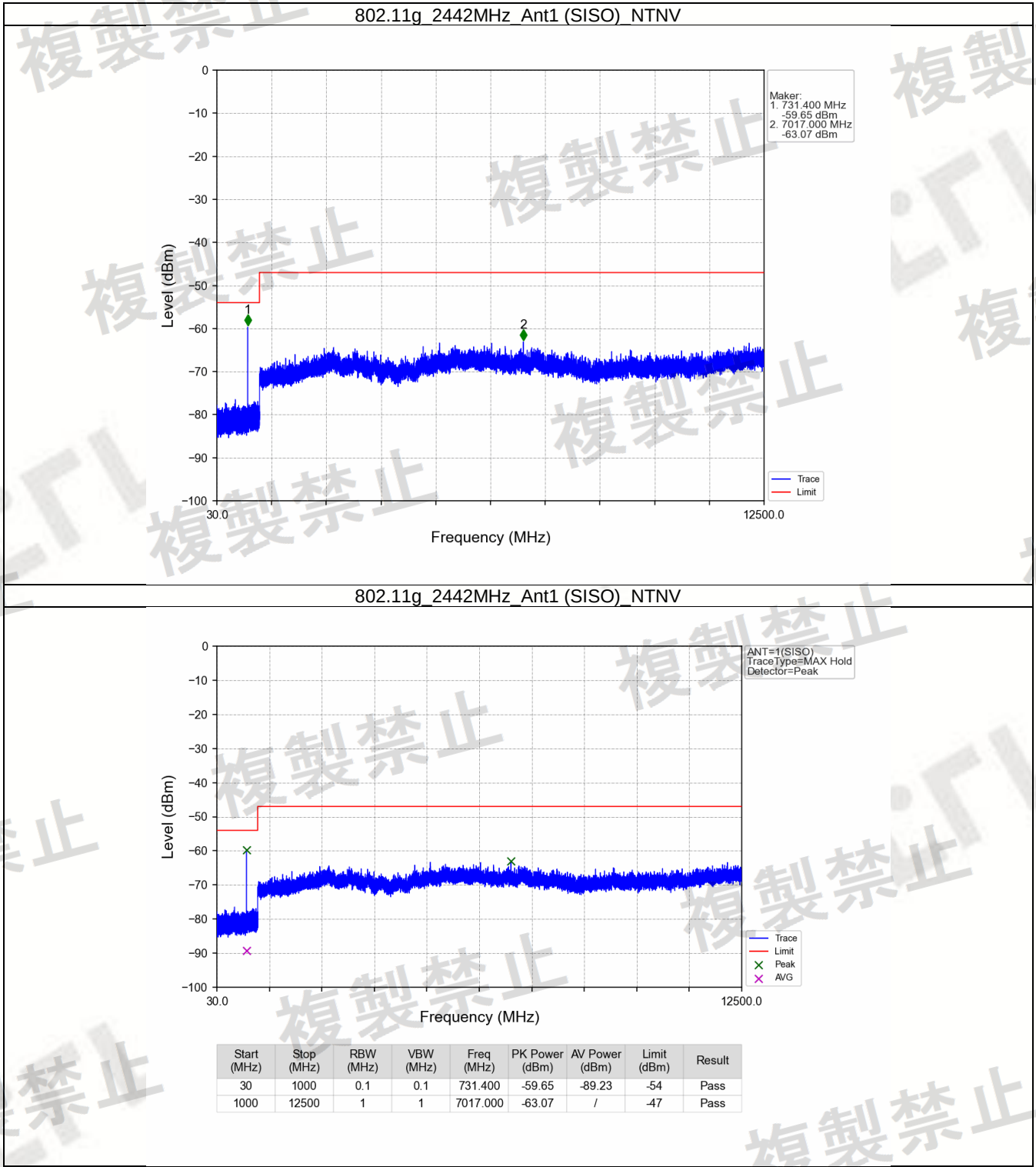
MIC: 219-259553



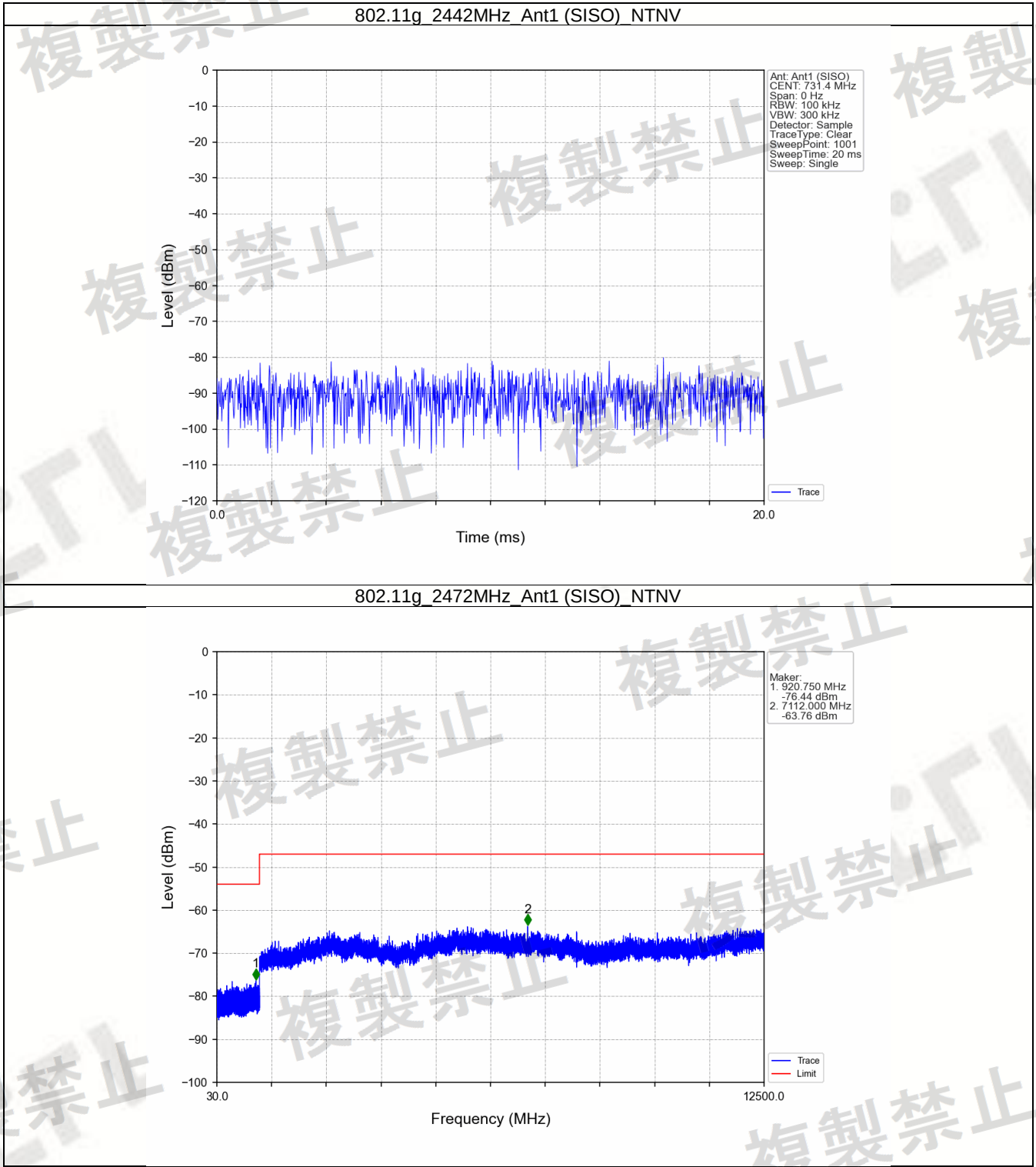
MIC: 219-259553



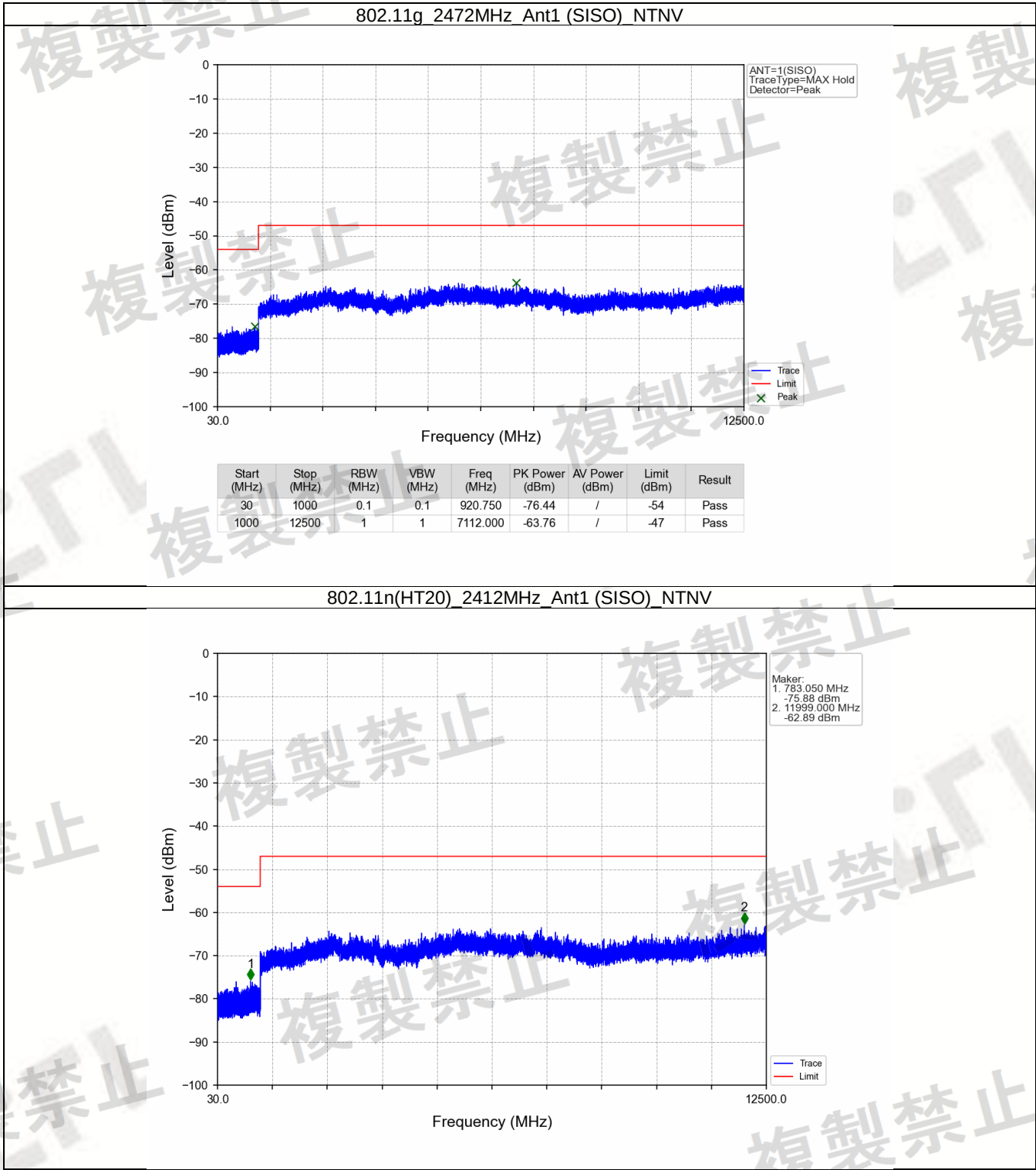
MIC: 219-259553



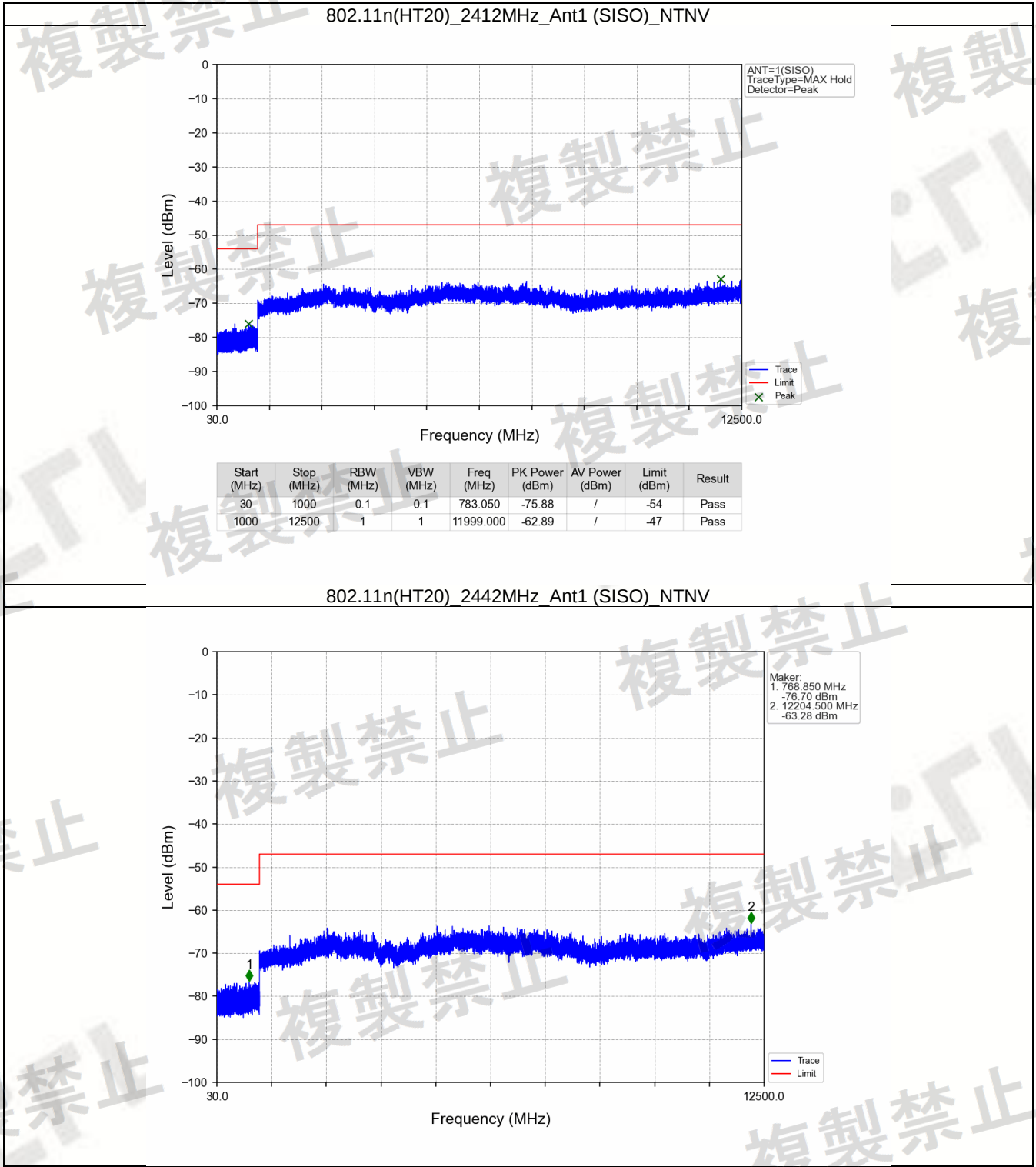
MIC: 219-259553



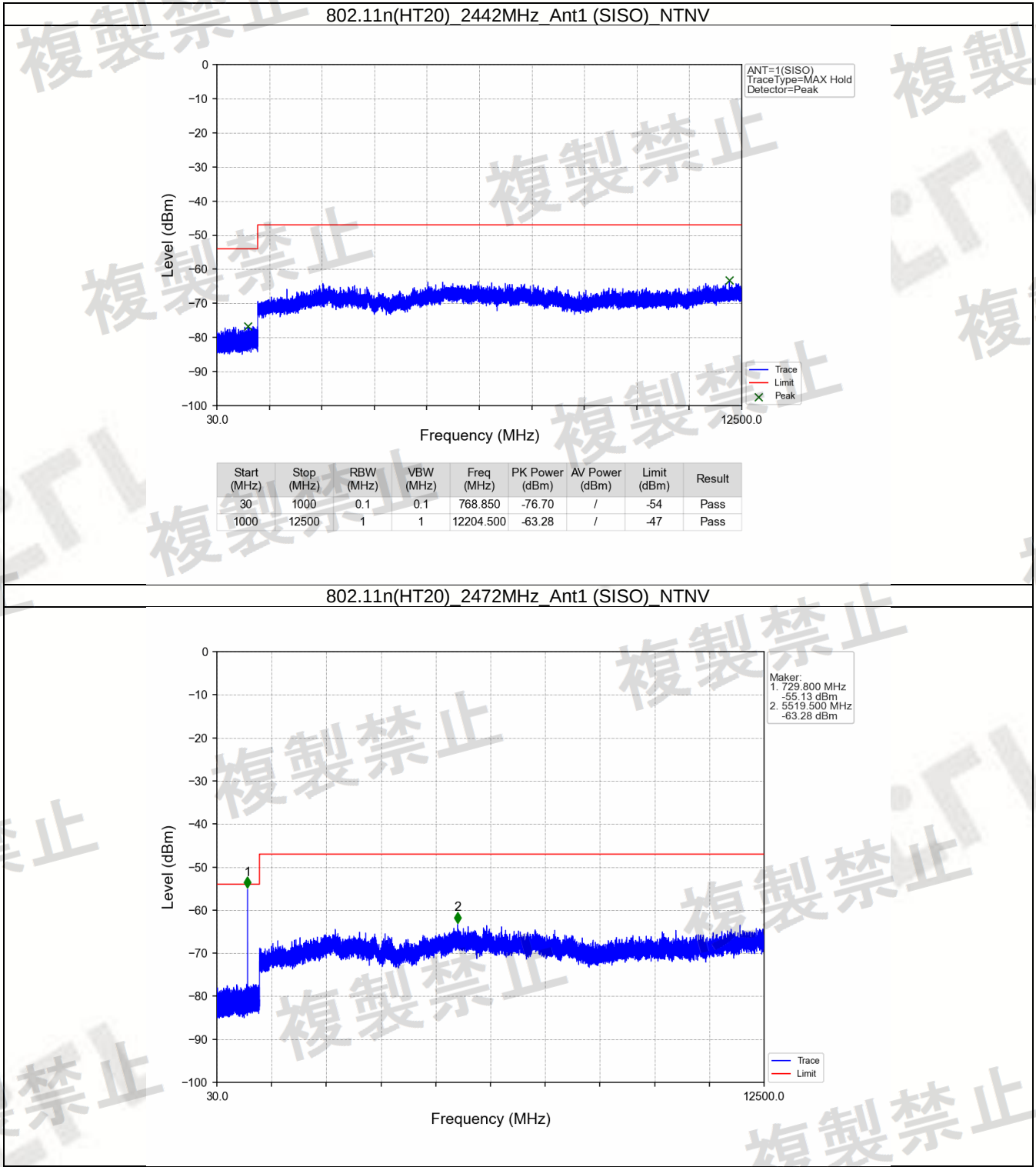
MIC: 219-259553



MIC: 219-259553

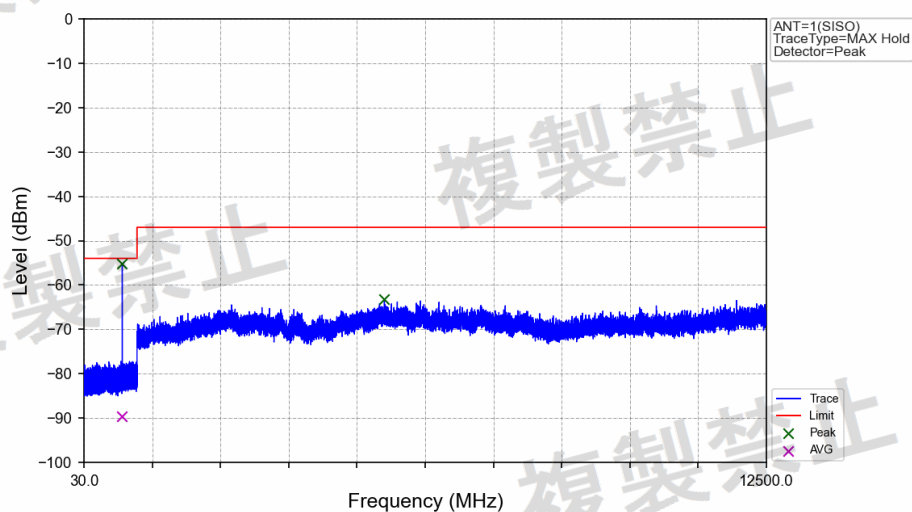


MIC: 219-259553



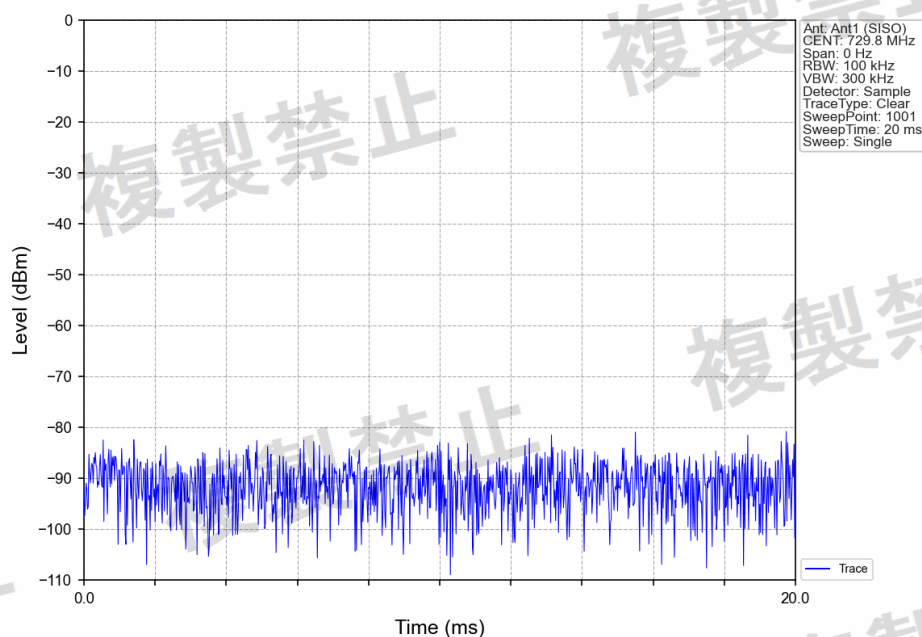
MIC: 219-259553

802.11n(HT20) 2472MHz Ant1 (SISO) NTV



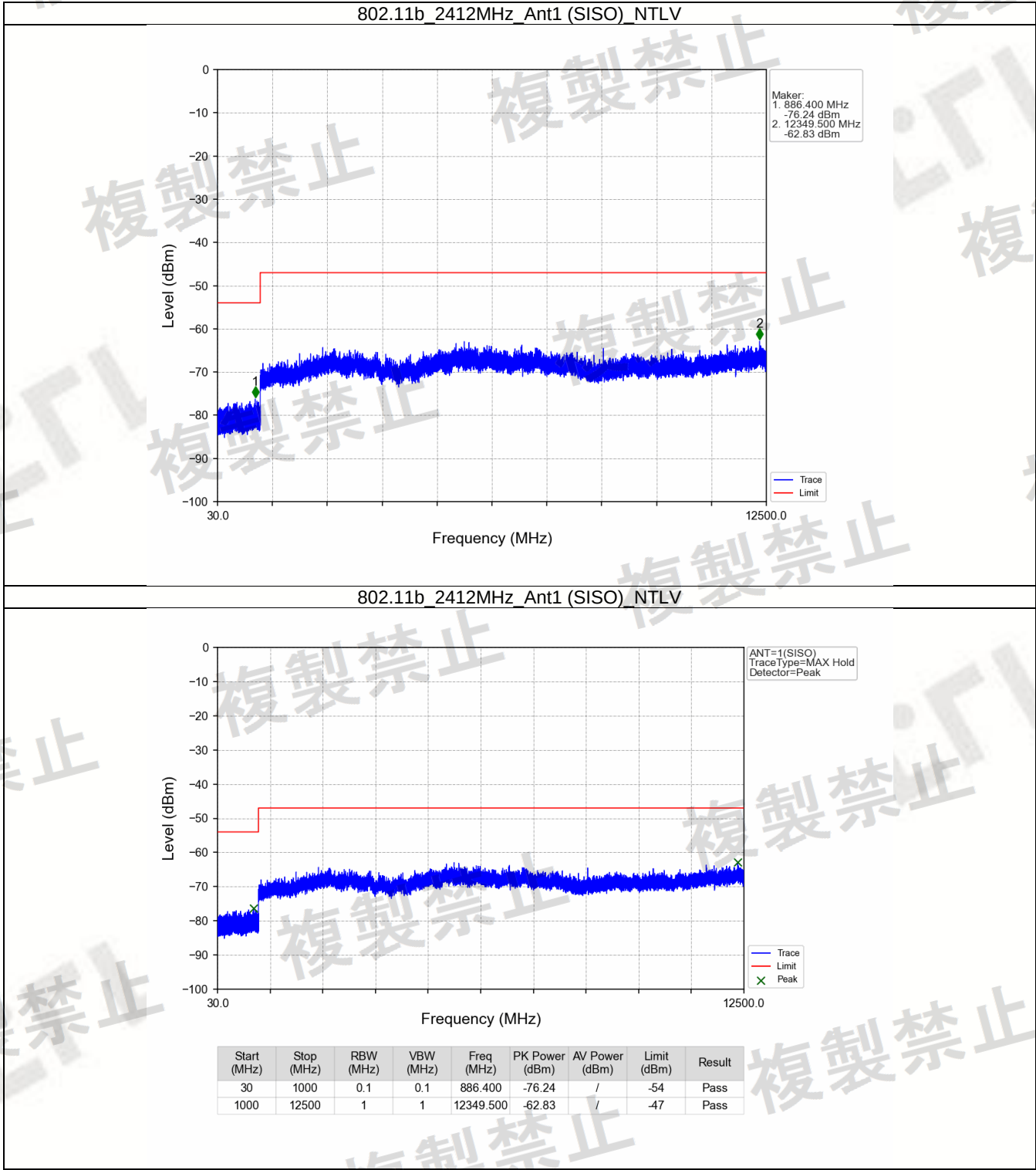
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	729.800	-55.13	-89.59	-54	Pass
1000	12500	1	1	5519.500	-63.28	/	-47	Pass

802.11n(HT20) 2472MHz Ant1 (SISO) NTV

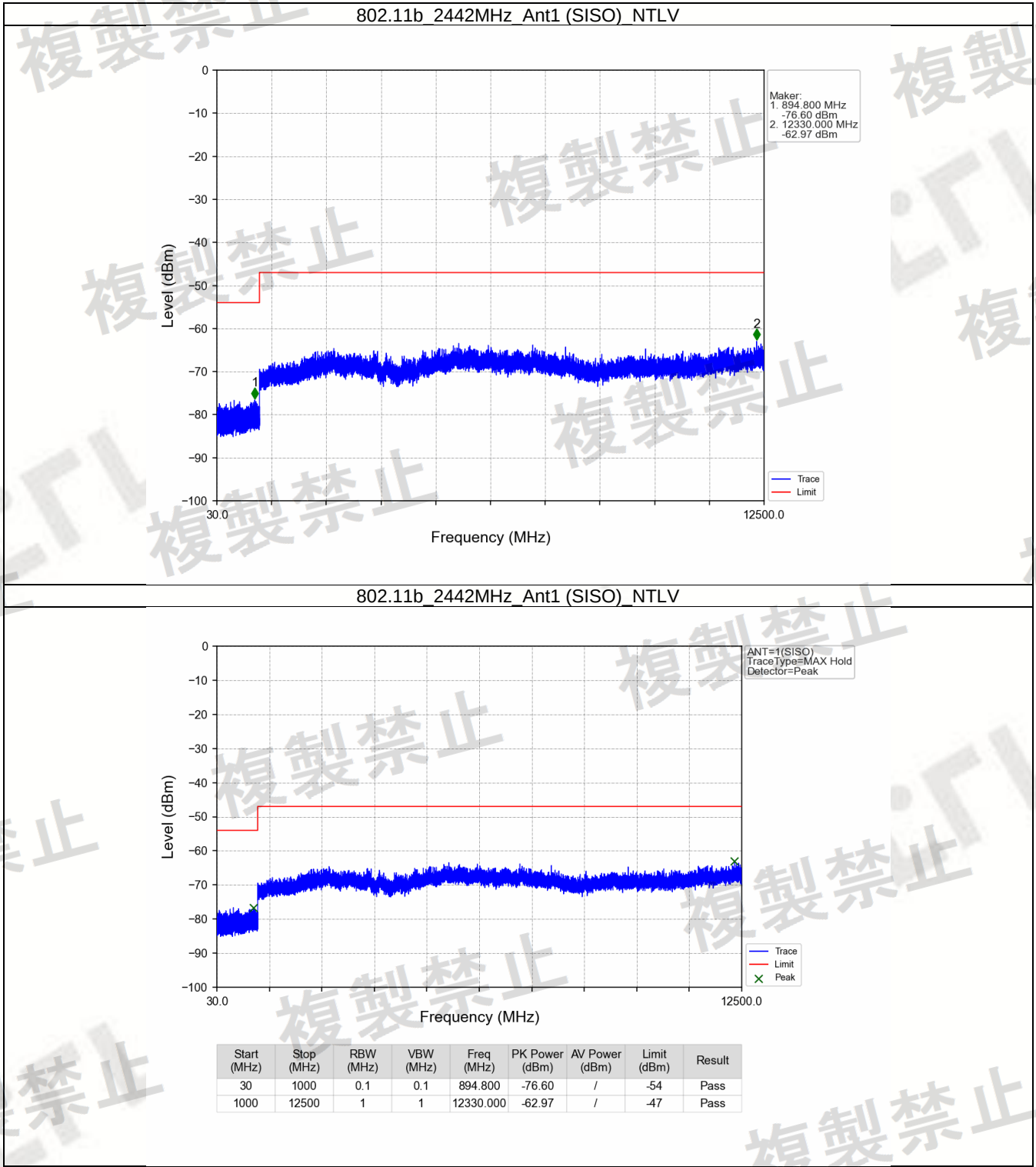


MIC: 219-259553

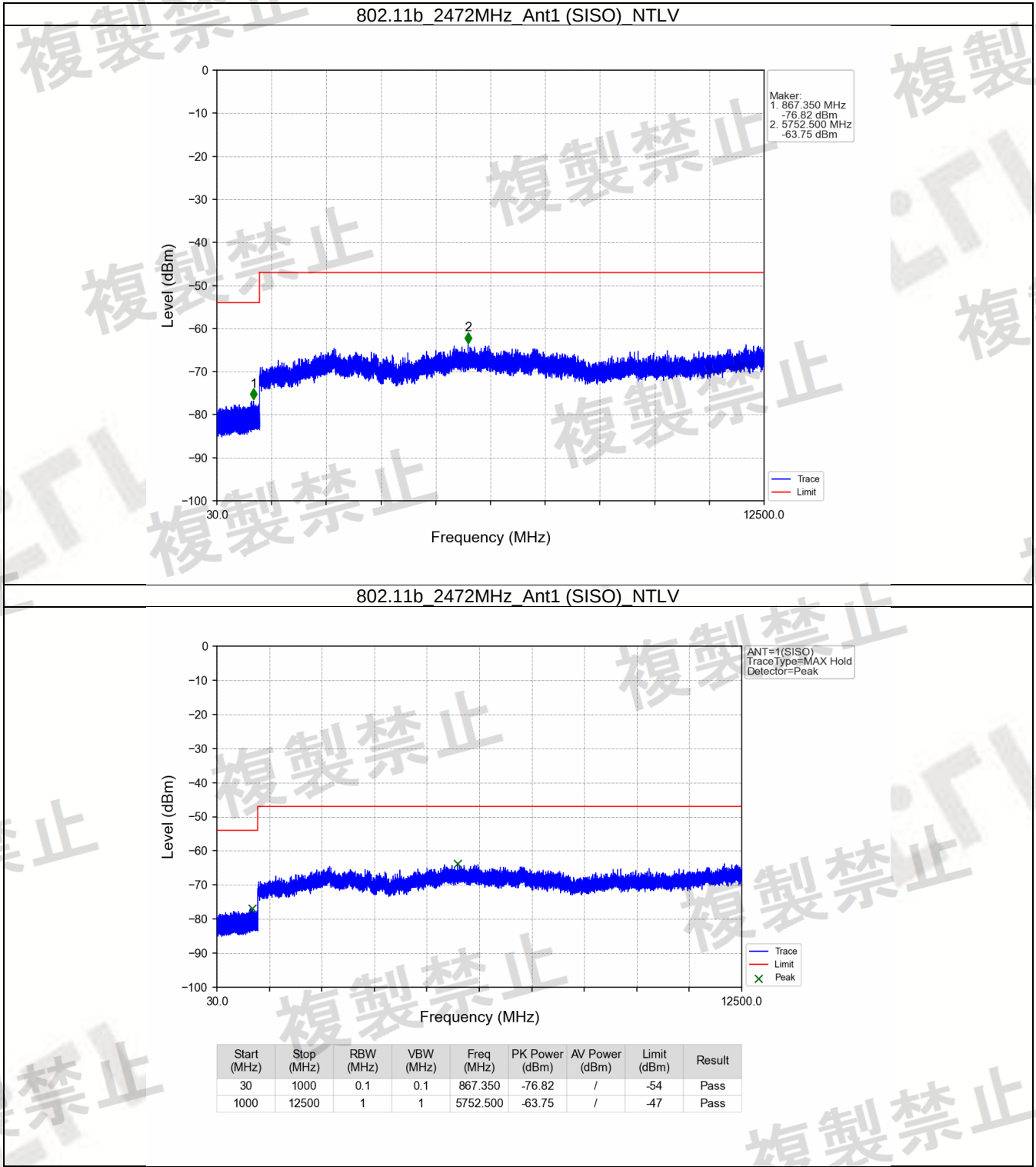
6.2.2 RxSe_NTLV



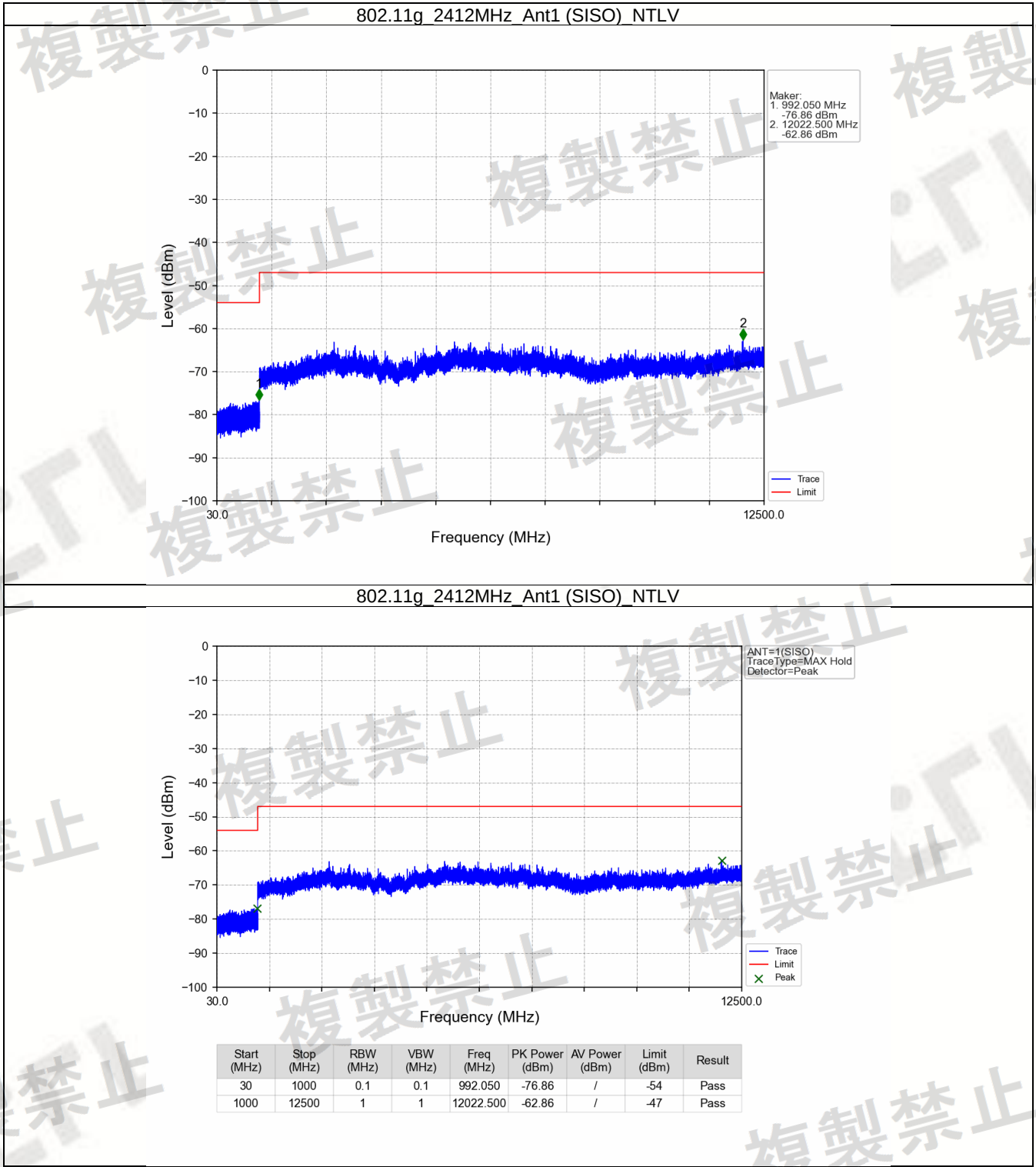
MIC: 219-259553



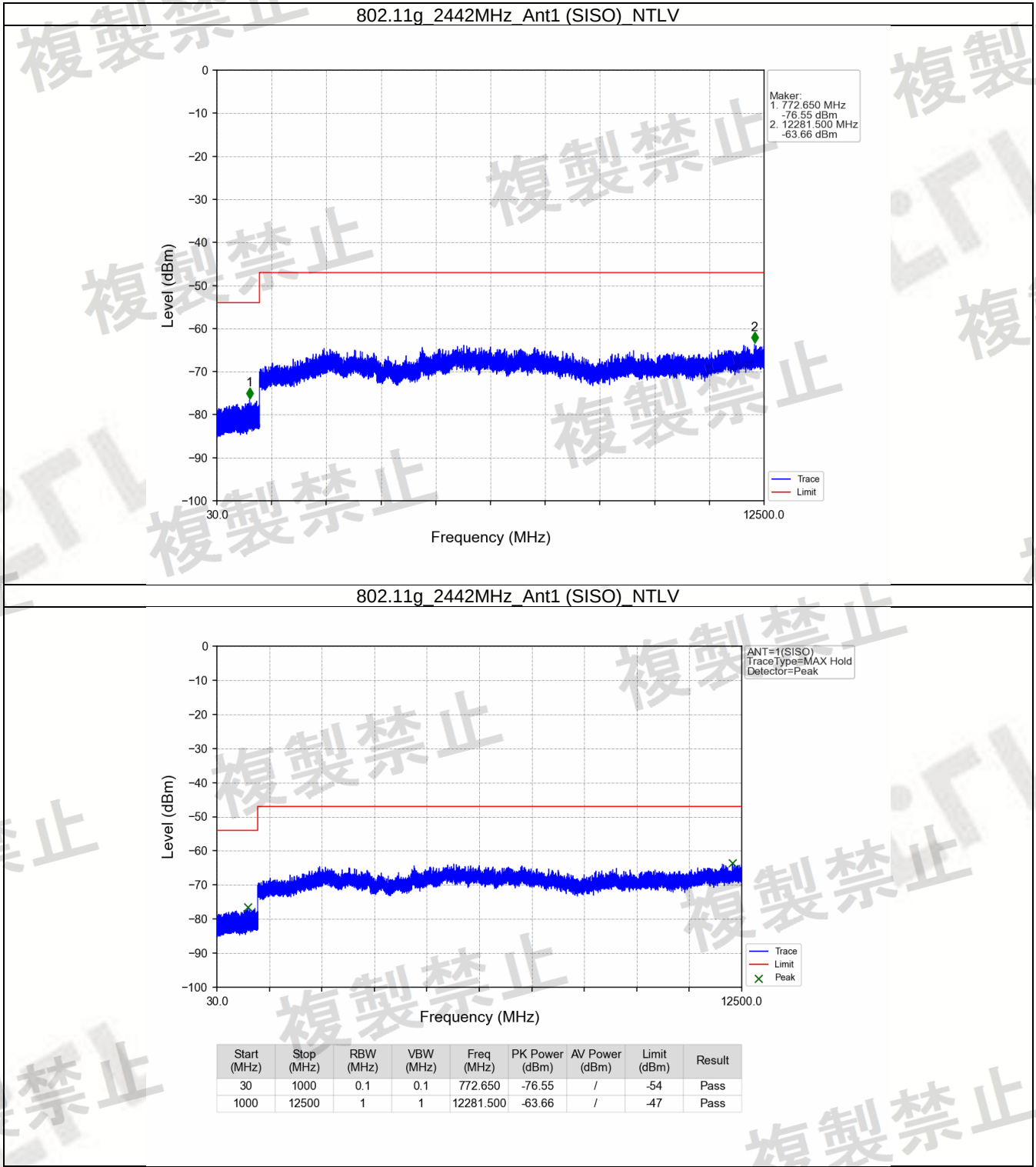
MIC: 219-259553



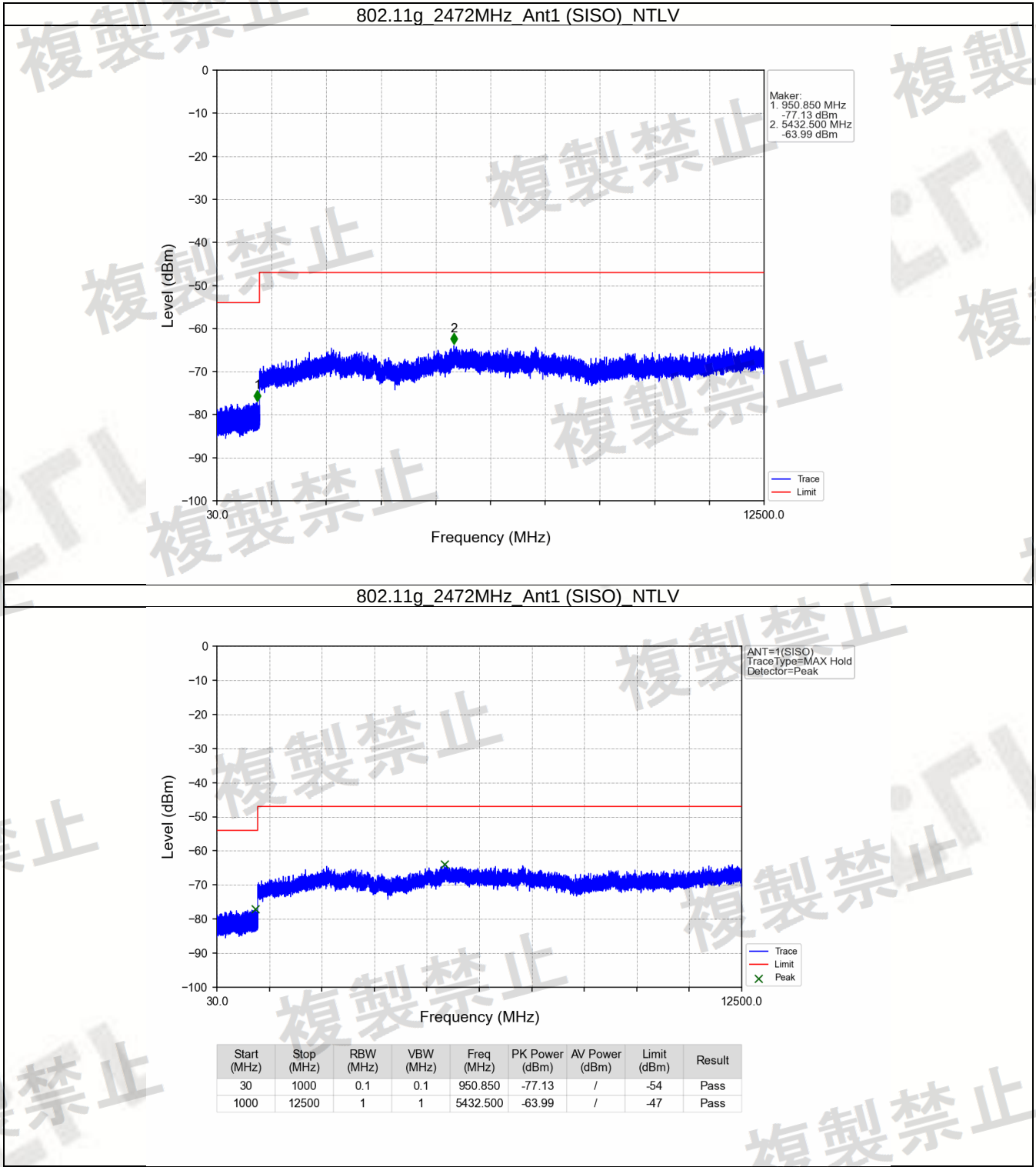
MIC: 219-259553



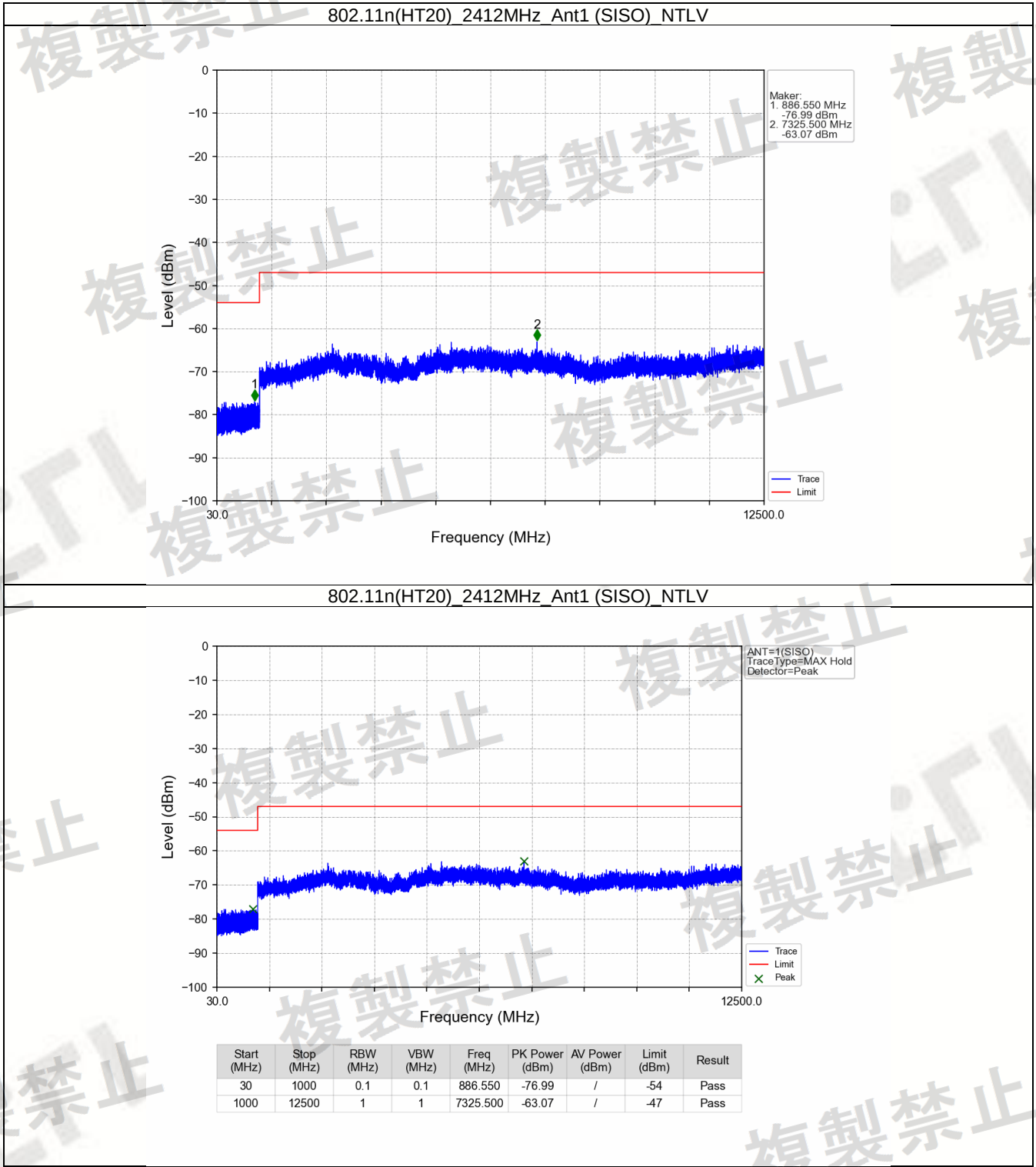
MIC: 219-259553



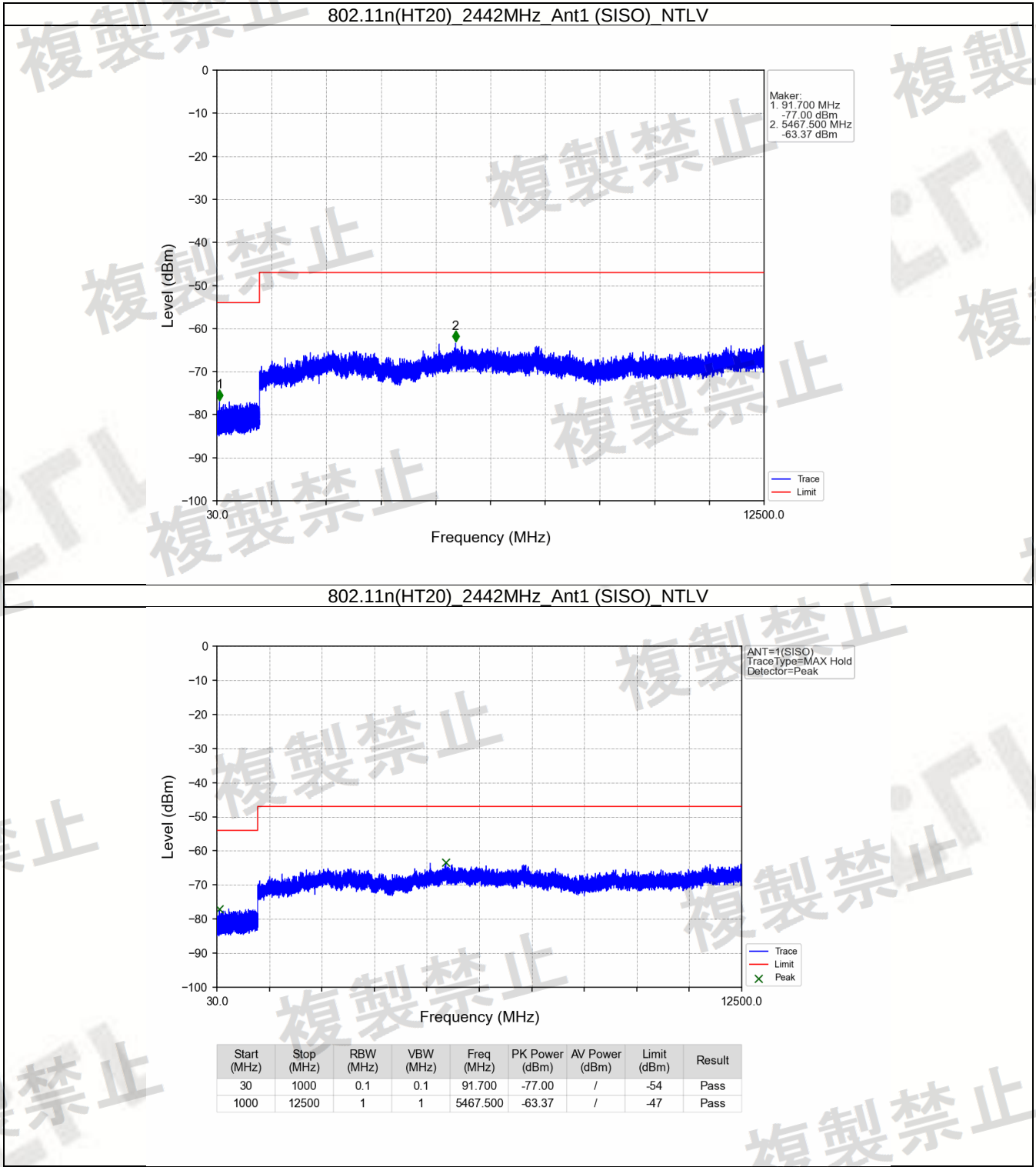
MIC: 219-259553



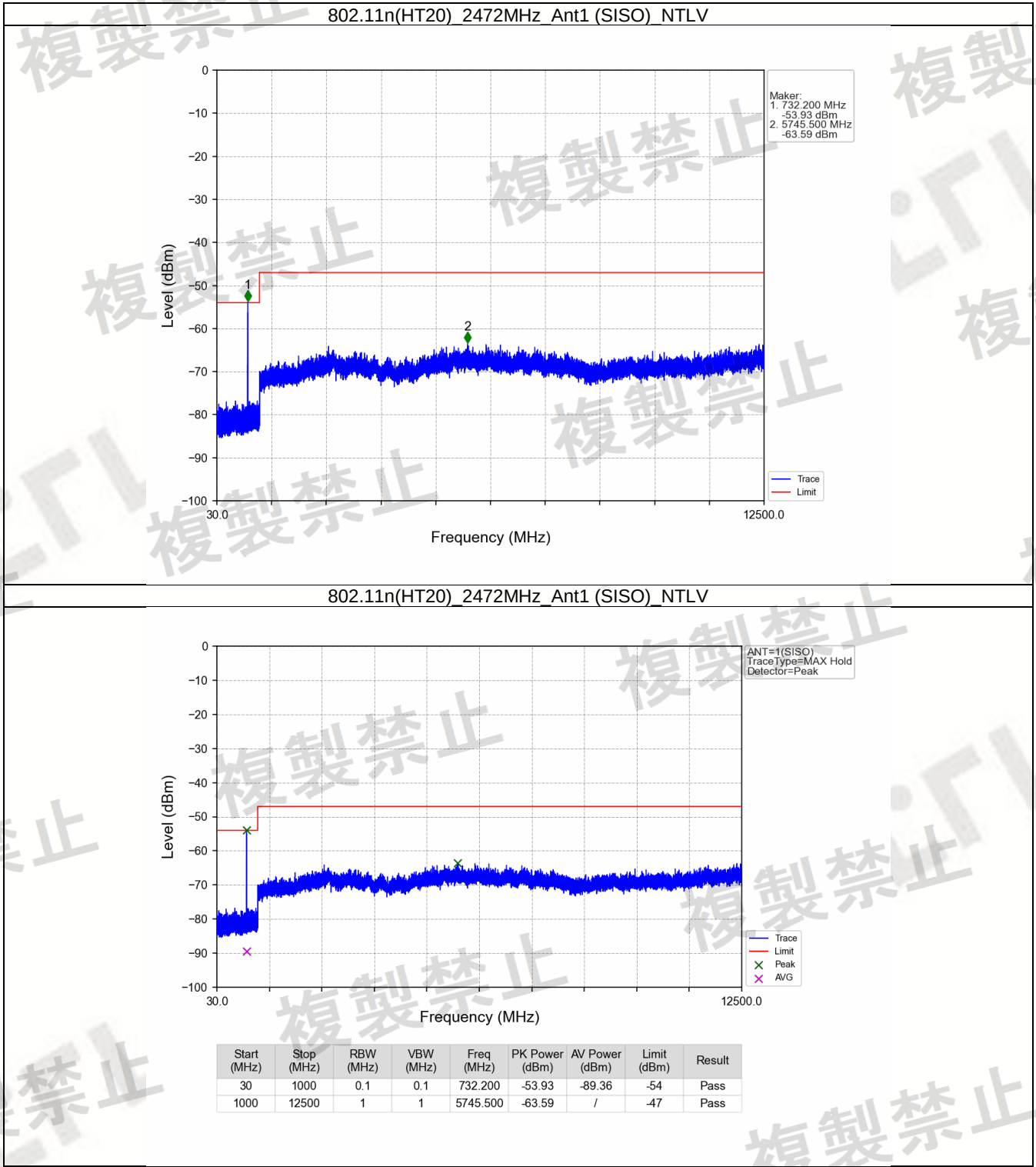
MIC: 219-259553



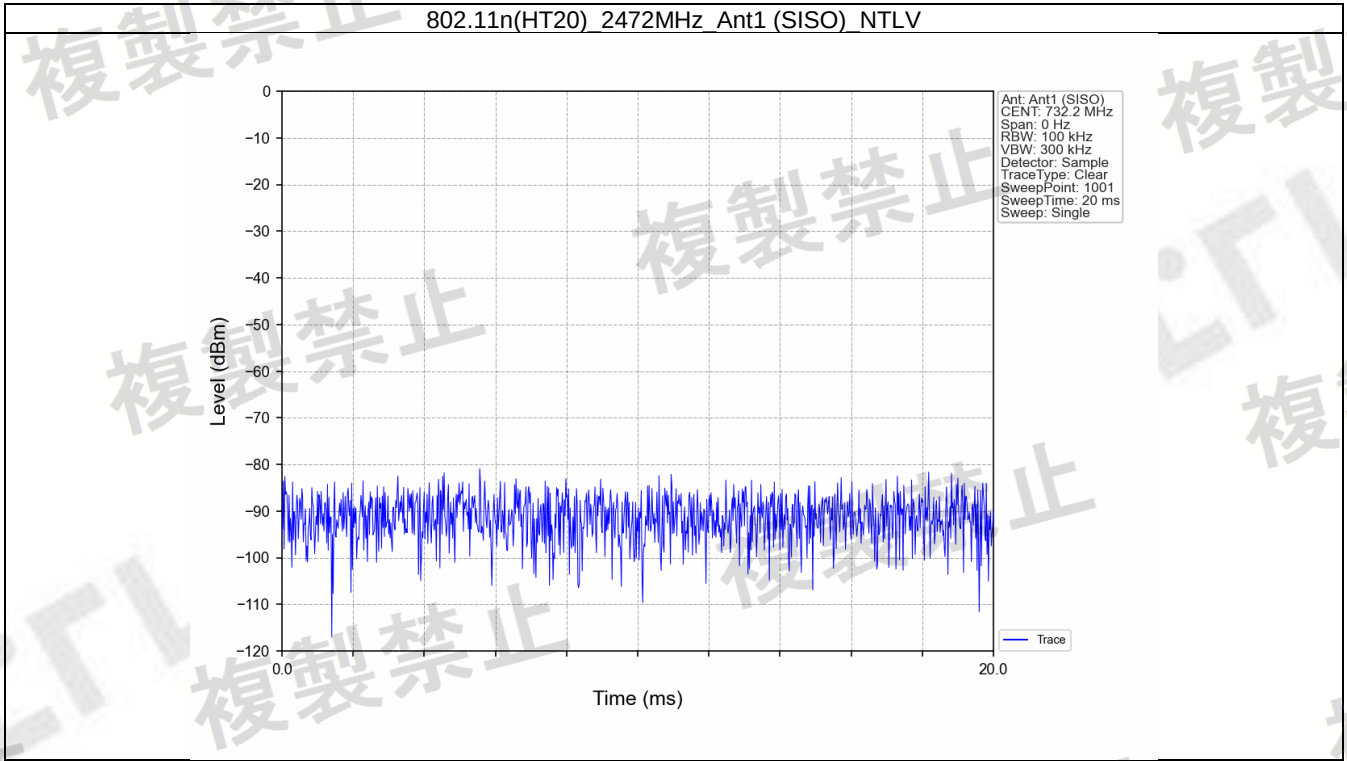
MIC: 219-259553



MIC: 219-259553

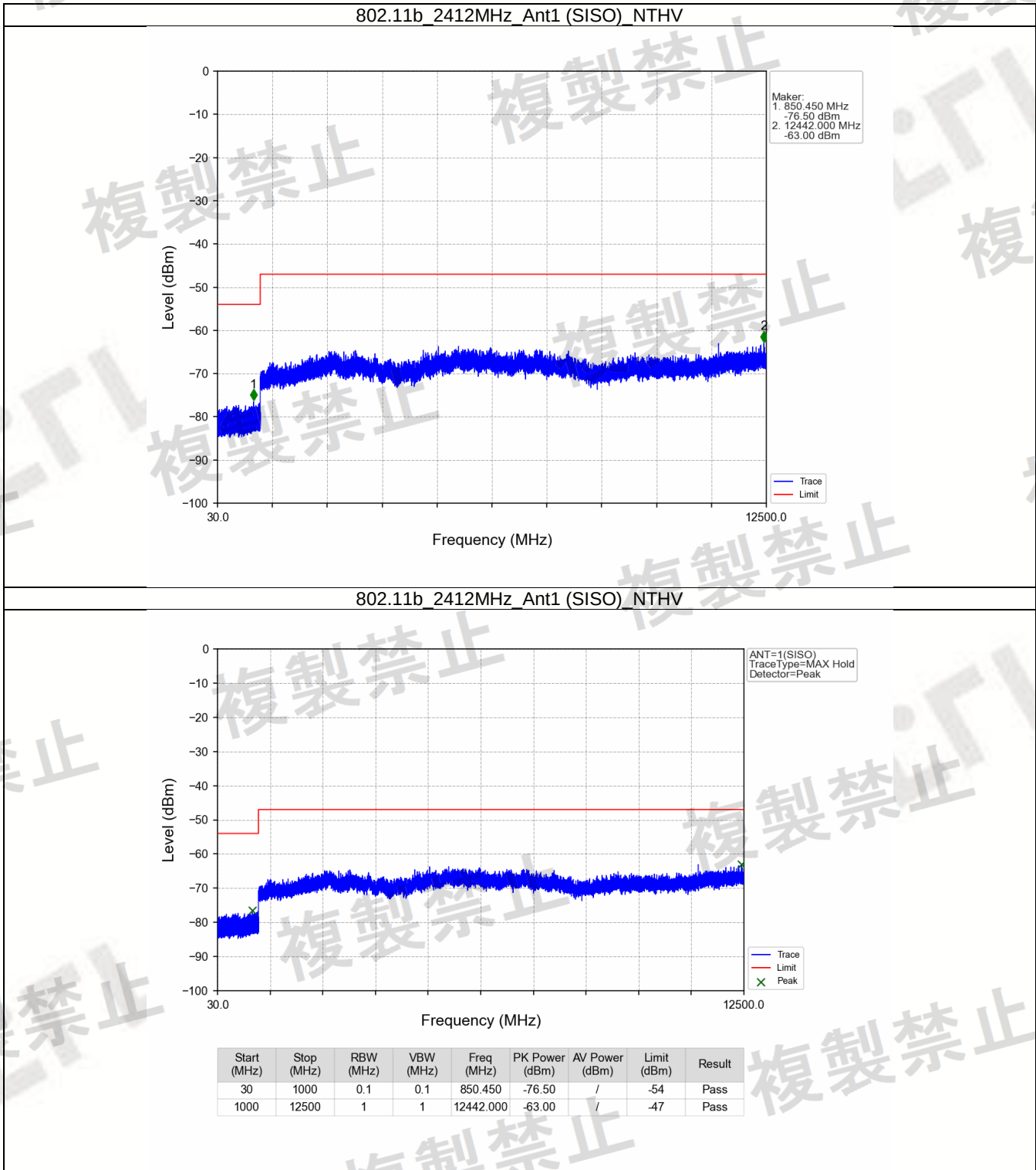


MIC: 219-259553

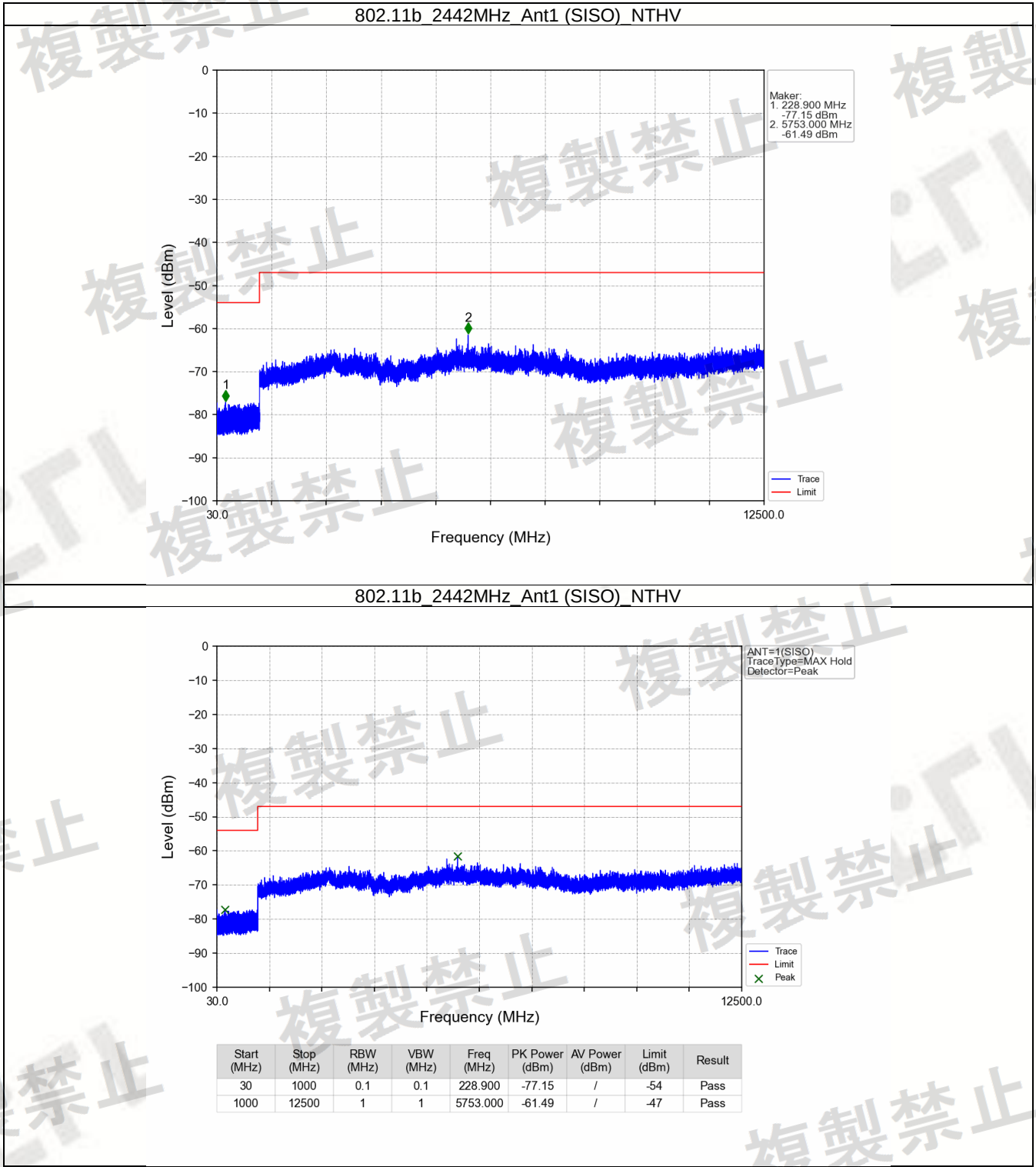


MIC: 219-259553

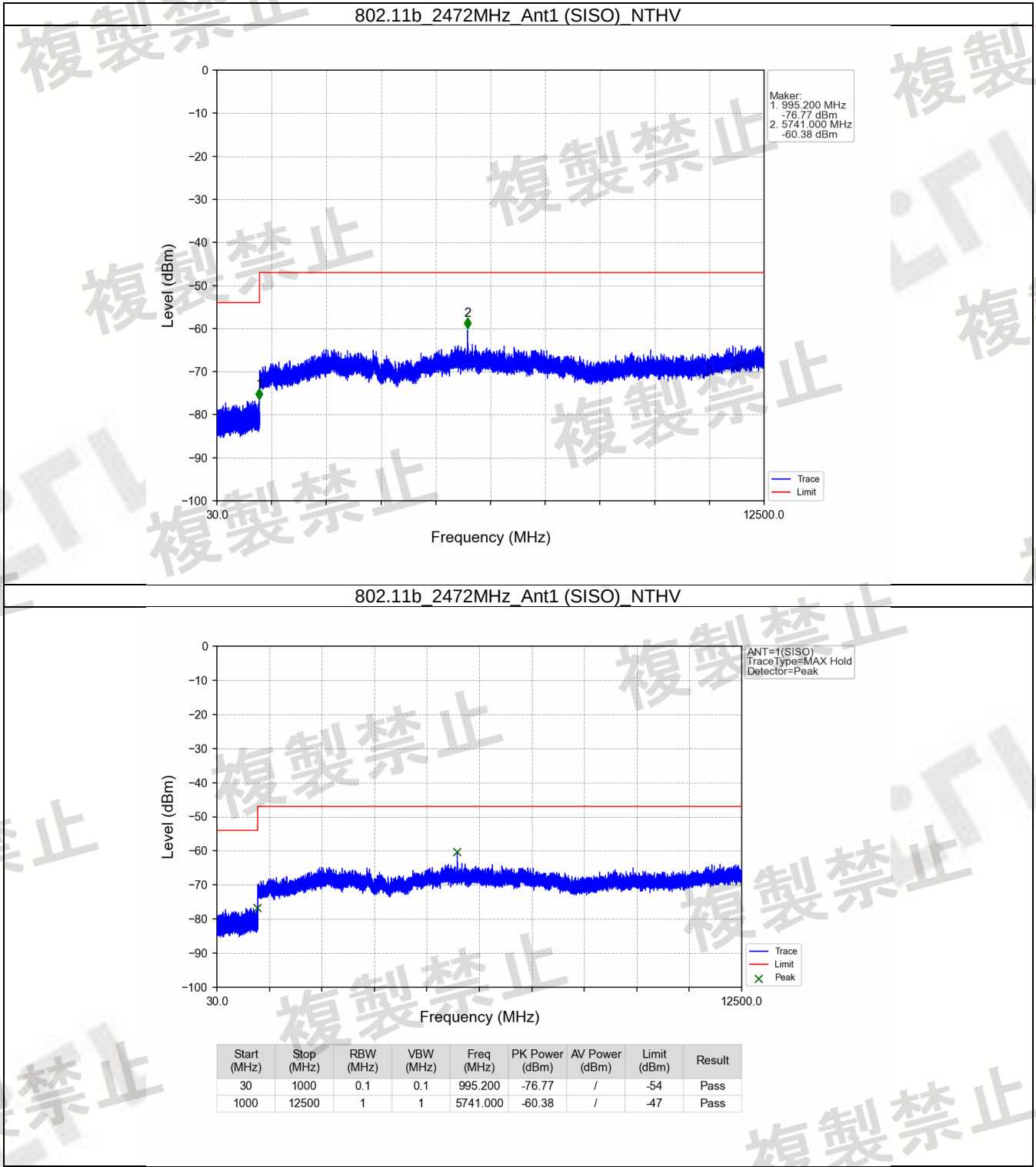
6.2.3 RxSe_NTHV



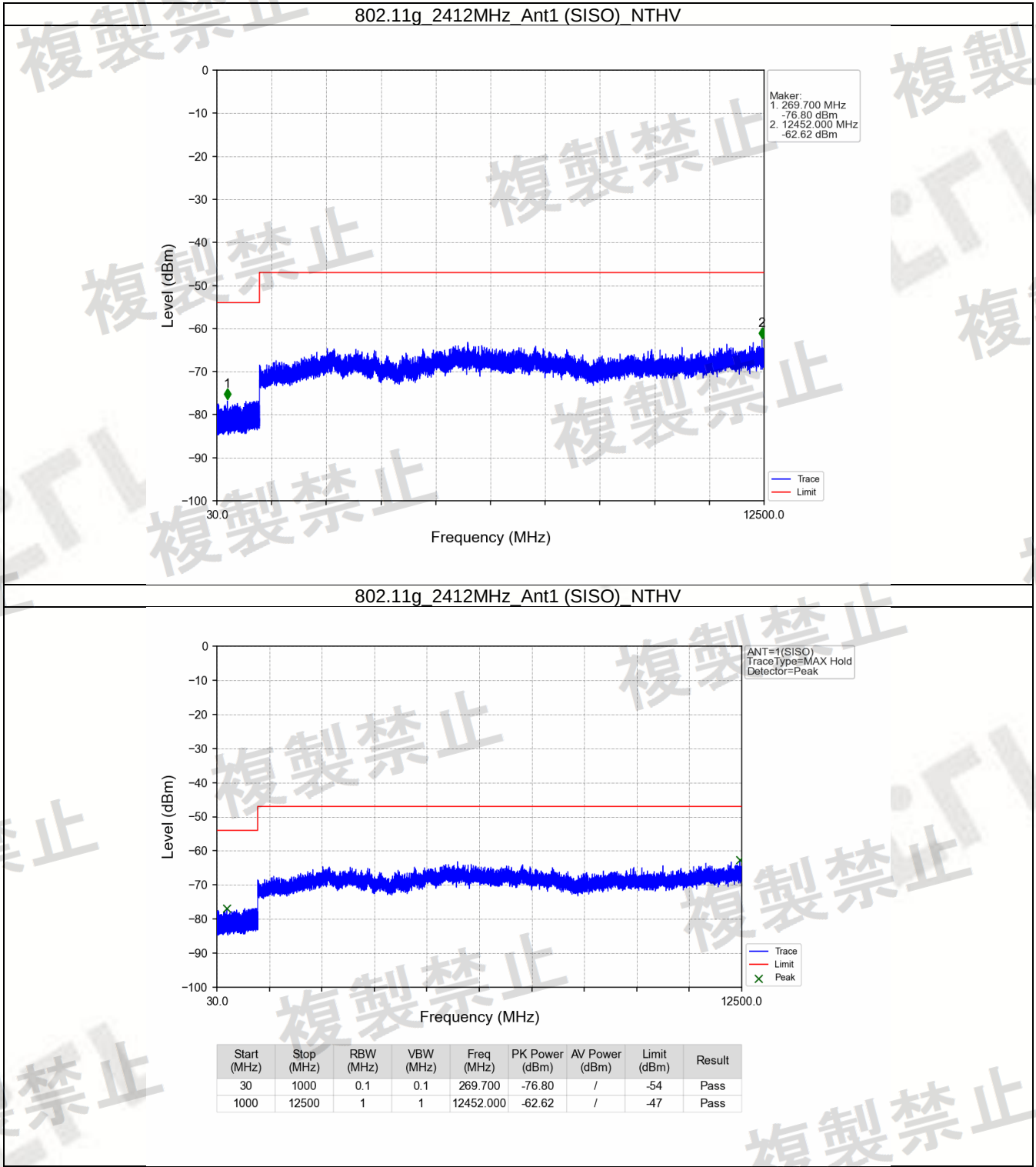
MIC: 219-259553



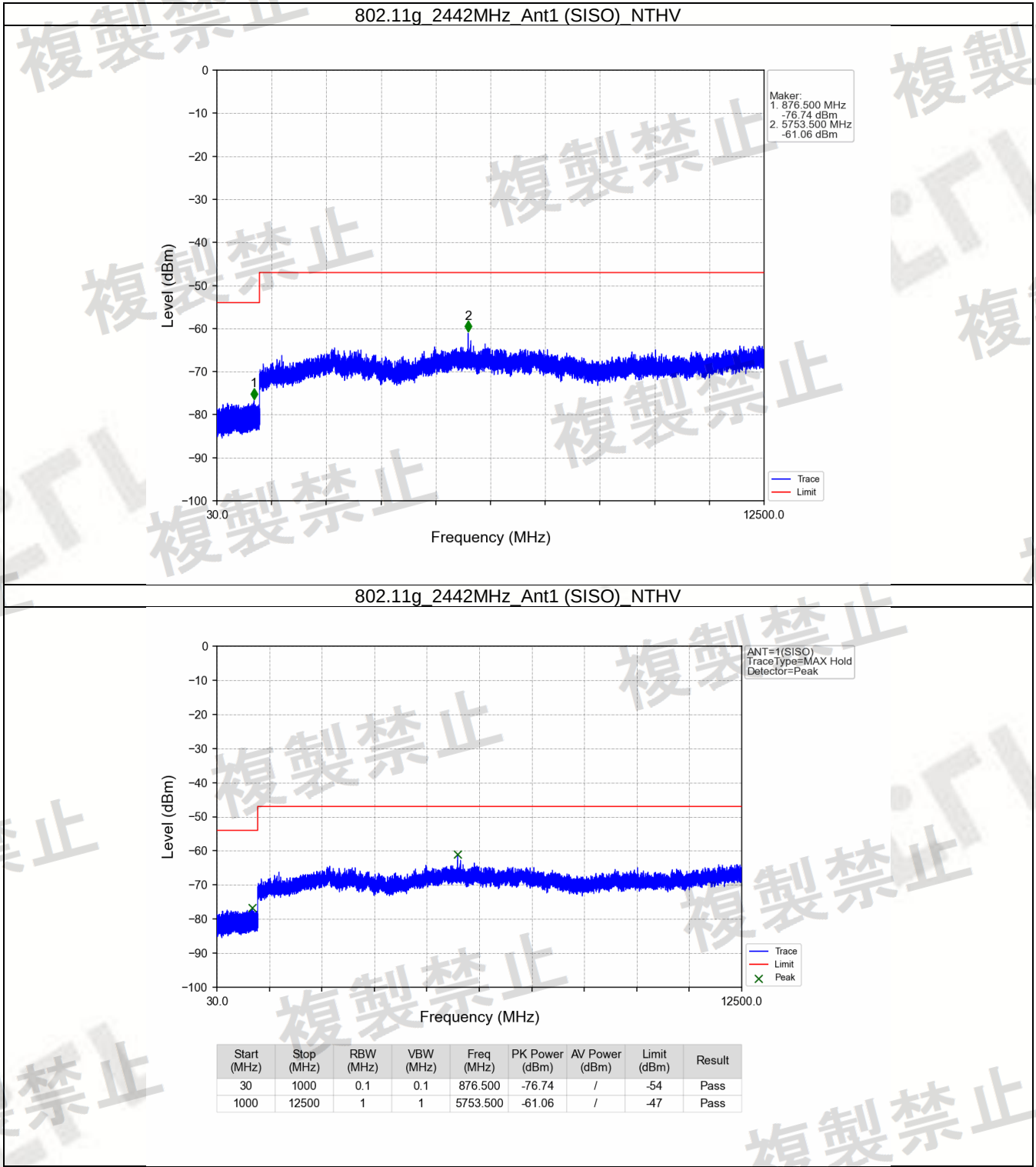
MIC: 219-259553



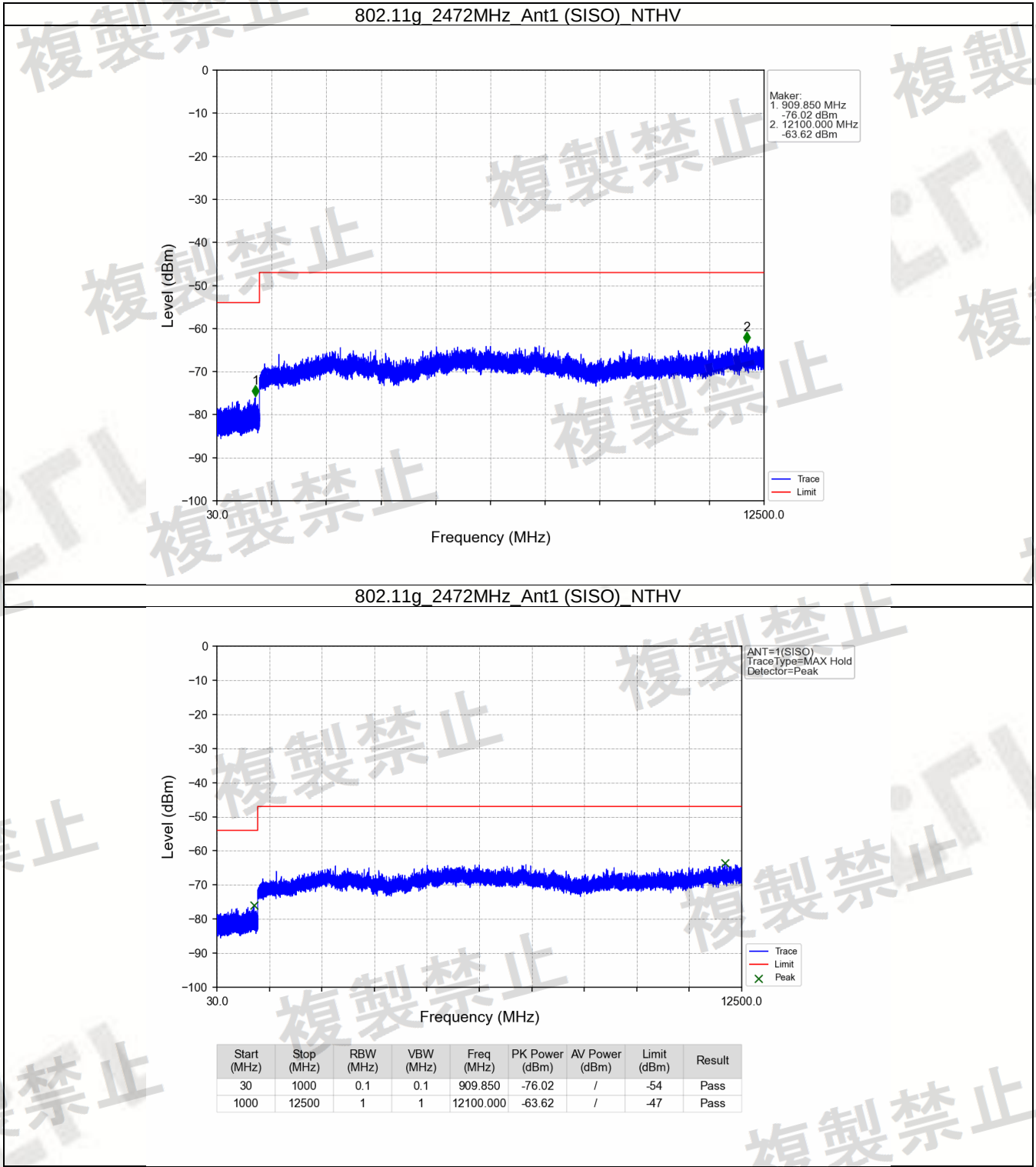
MIC: 219-259553



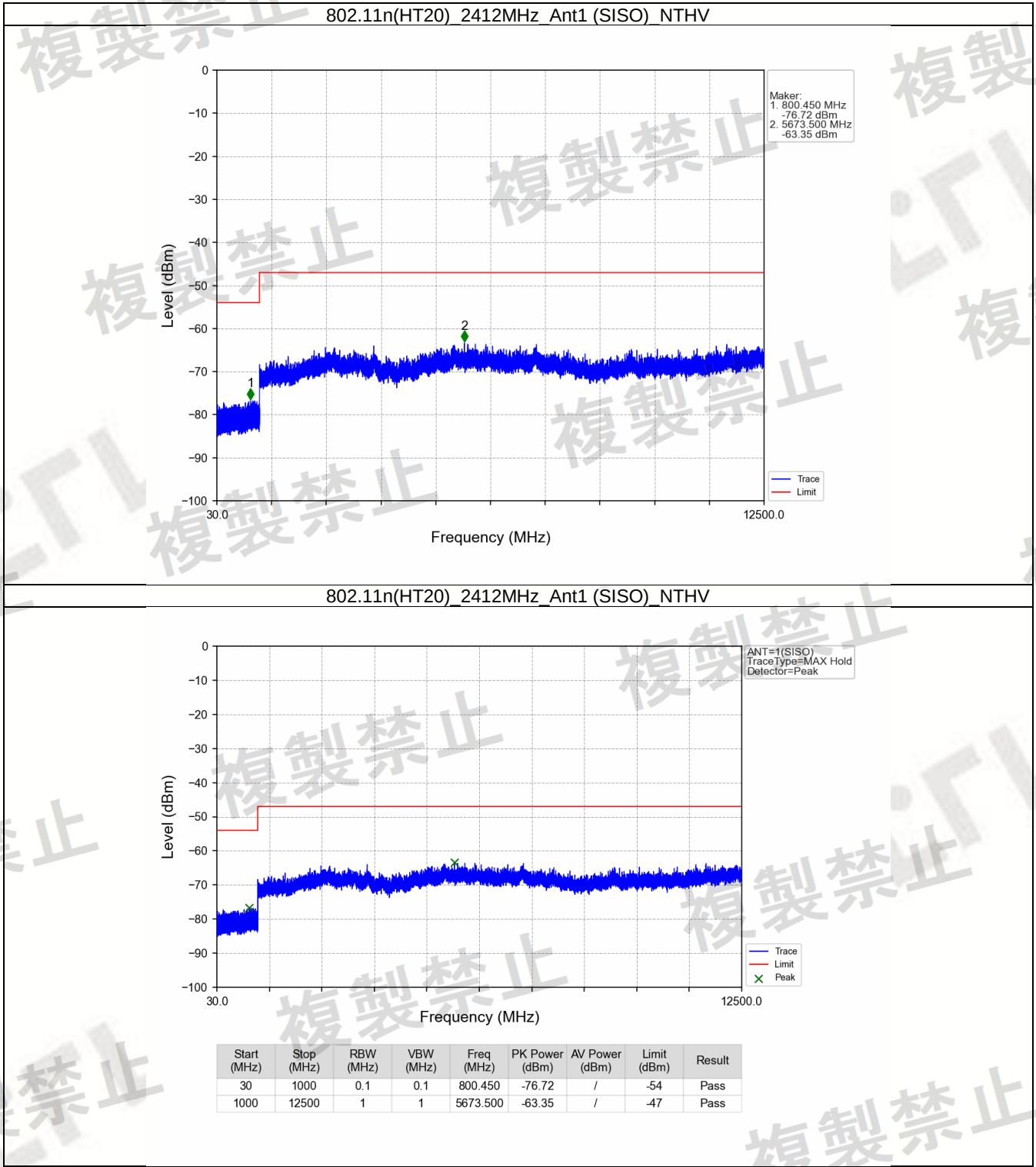
MIC: 219-259553



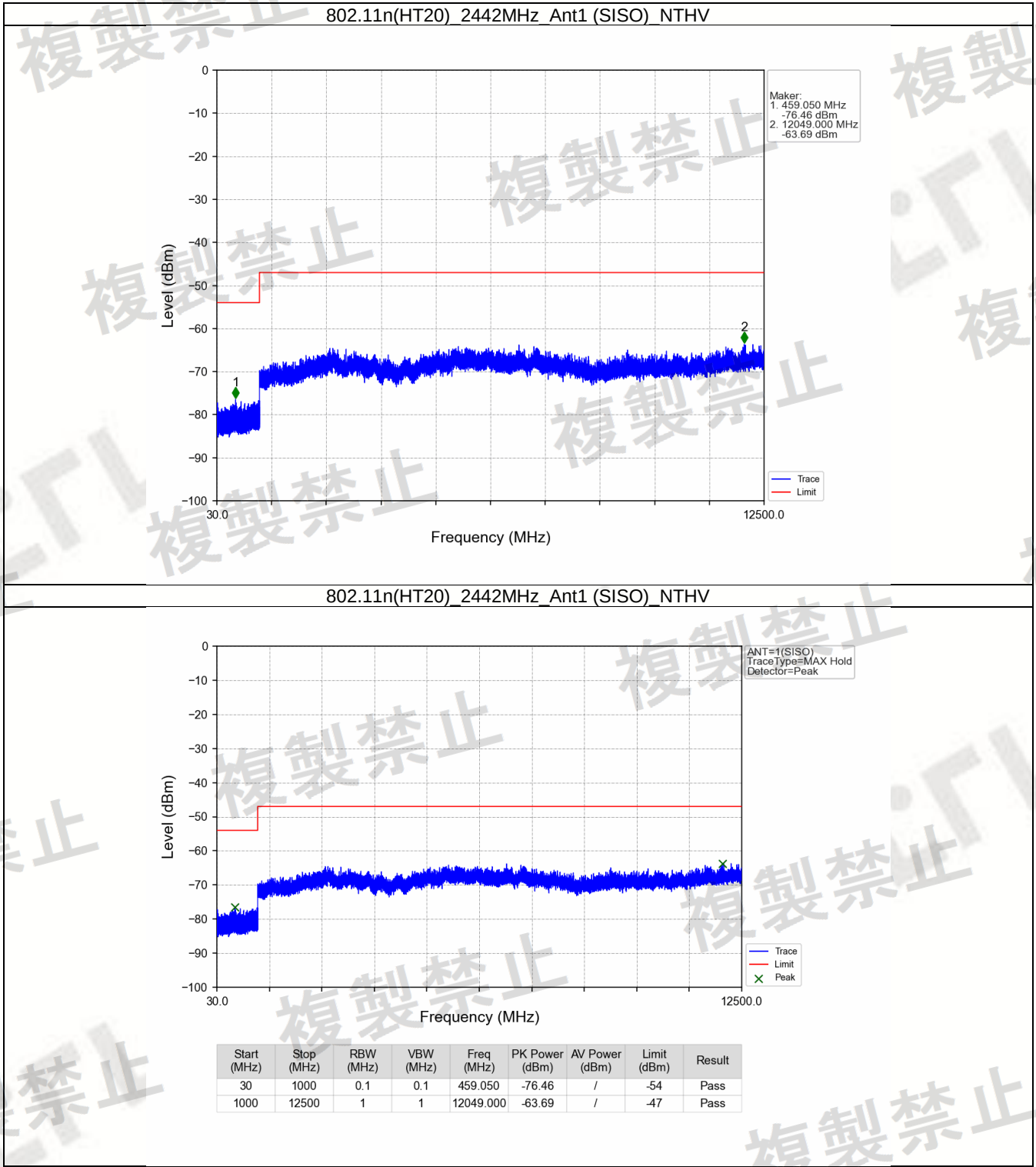
MIC: 219-259553



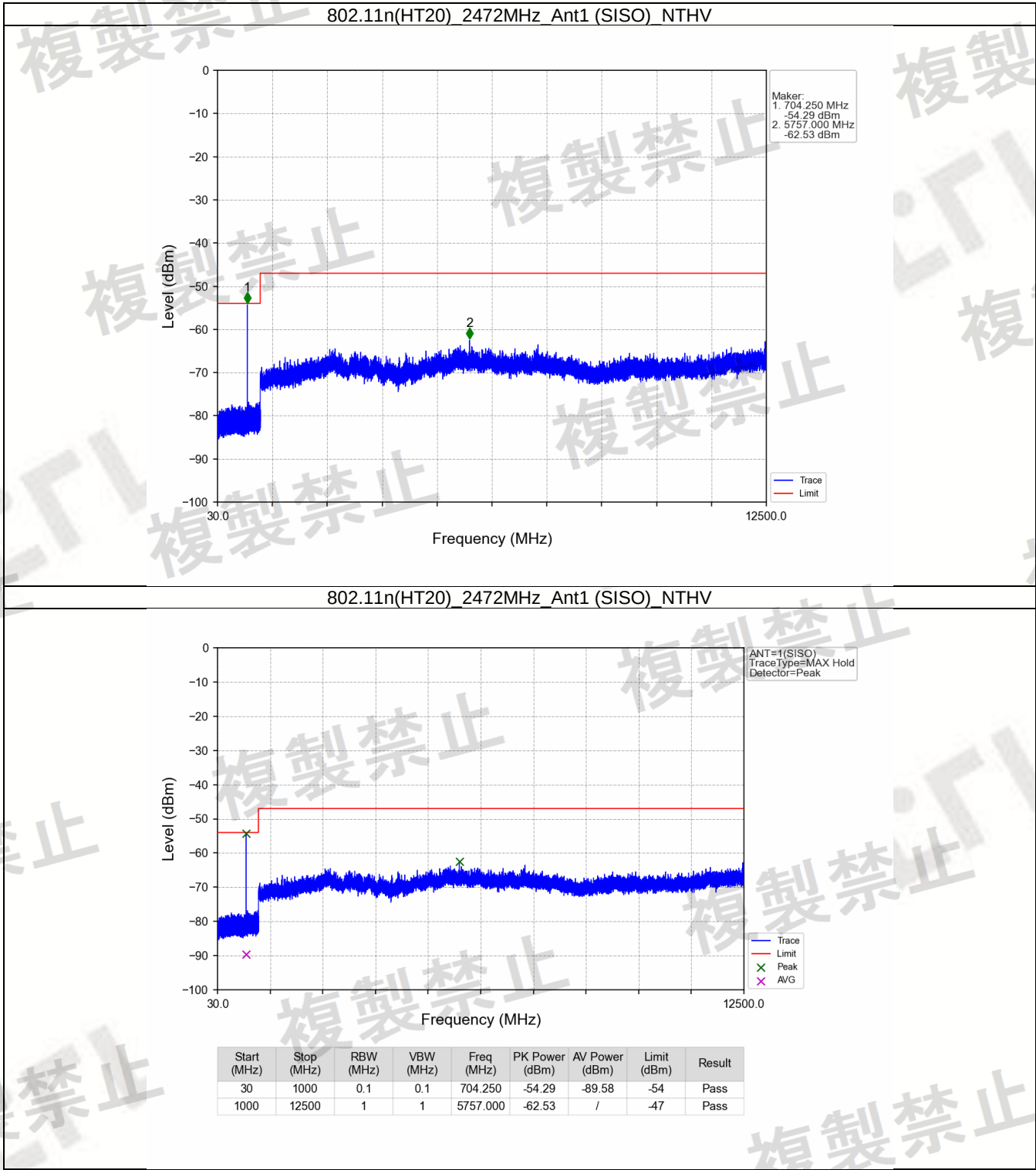
MIC: 219-259553



MIC: 219-259553



MIC: 219-259553



MIC: 219-259553

