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Annex for Bluetooth

Test Report No.: CTL2601223011-MIC

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MIC: 219-269050

1. Frequency Error

1.1 Test Result

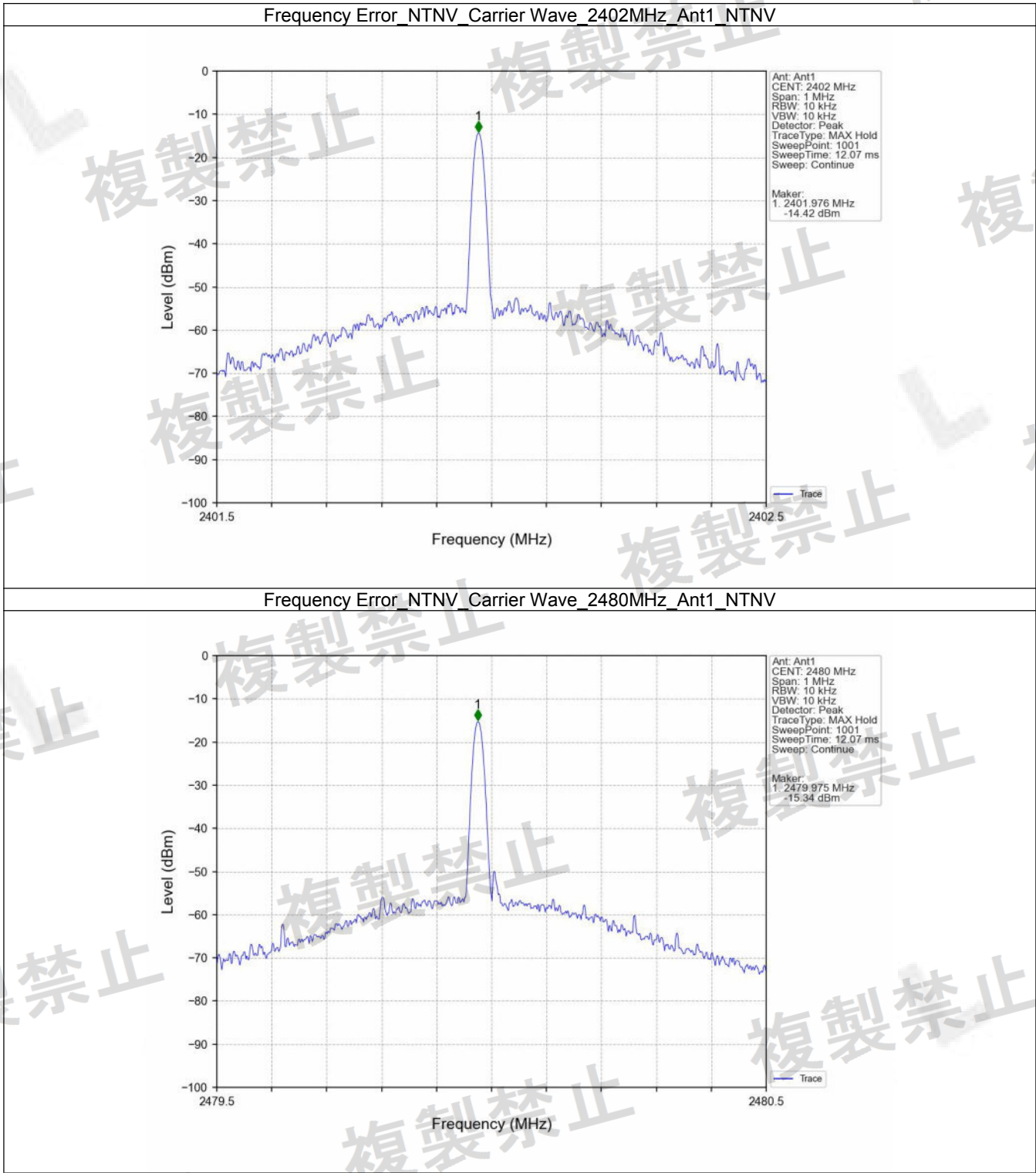
1.1.1 Ant1

Ant1								
ENV	Mode	TX Type	Frequency (MHz)	Packet Type	Measured Frequency (MHz)	Tolerance (ppm)		Verdict
						Result	Limit	
NTNV	Carrier Wave	SISO	2402	DH5	2401.976	-9.99	-50 to 50	Pass
			2480	DH5	2479.975	-10.08	-50 to 50	Pass
NTLV	Carrier Wave	SISO	2402	DH5	2401.977	-9.58	-50 to 50	Pass
			2480	DH5	2479.976	-9.68	-50 to 50	Pass
NTHV	Carrier Wave	SISO	2402	DH5	2401.977	-9.58	-50 to 50	Pass
			2480	DH5	2479.975	-10.08	-50 to 50	Pass

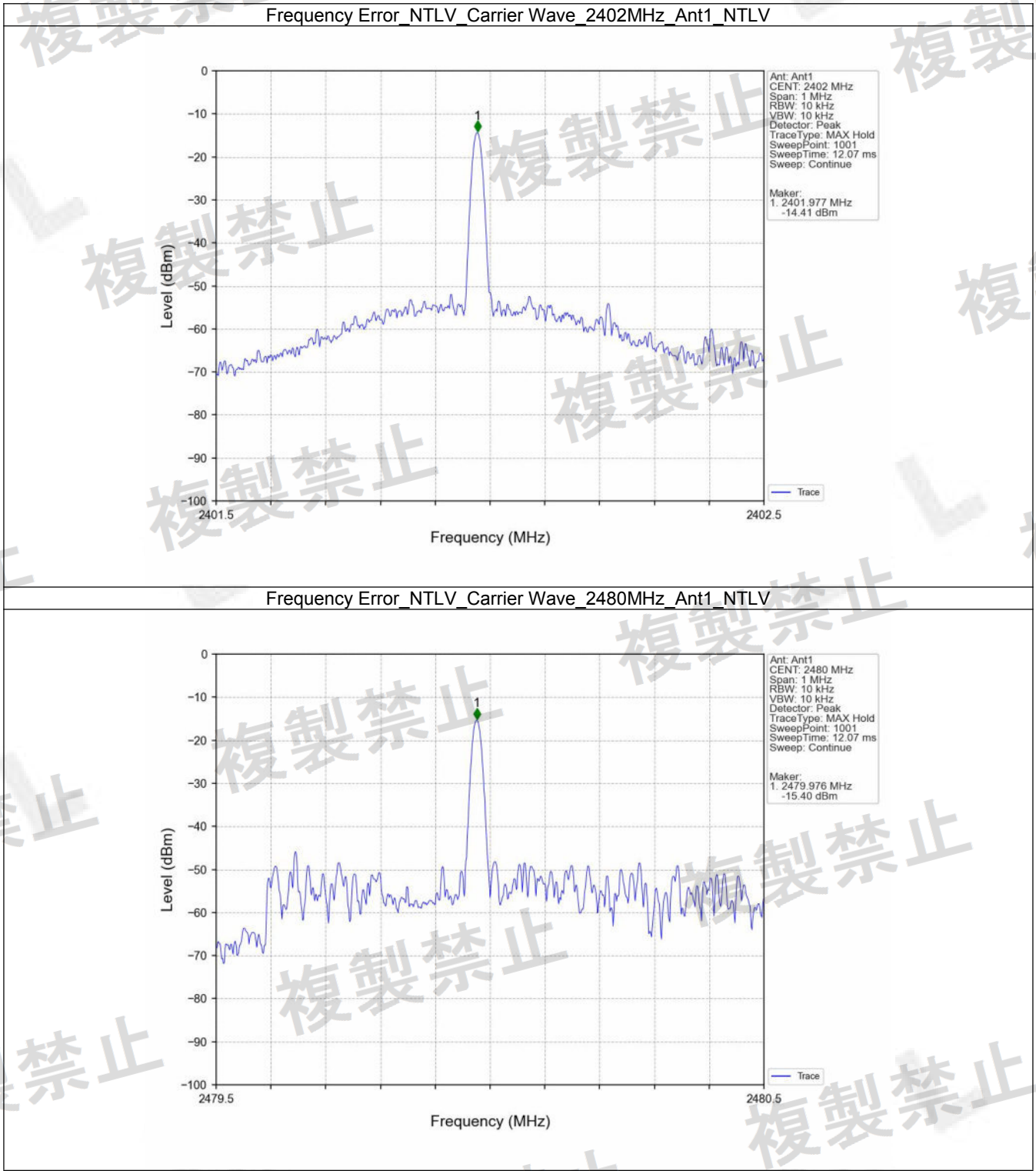
MIC: 219-269050

1.2 Test Graph

1.2.1 Ant1

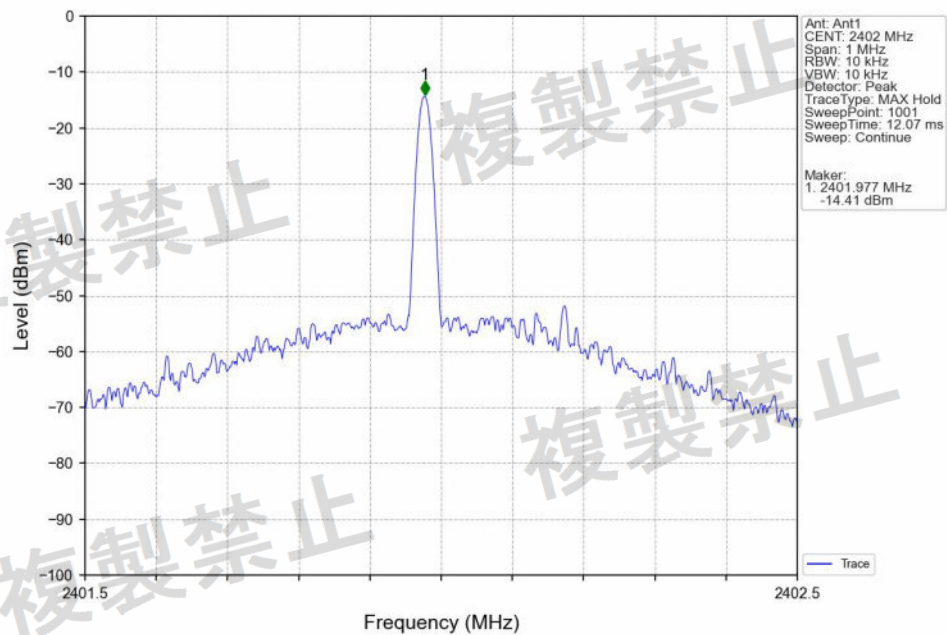


MIC: 219-269050

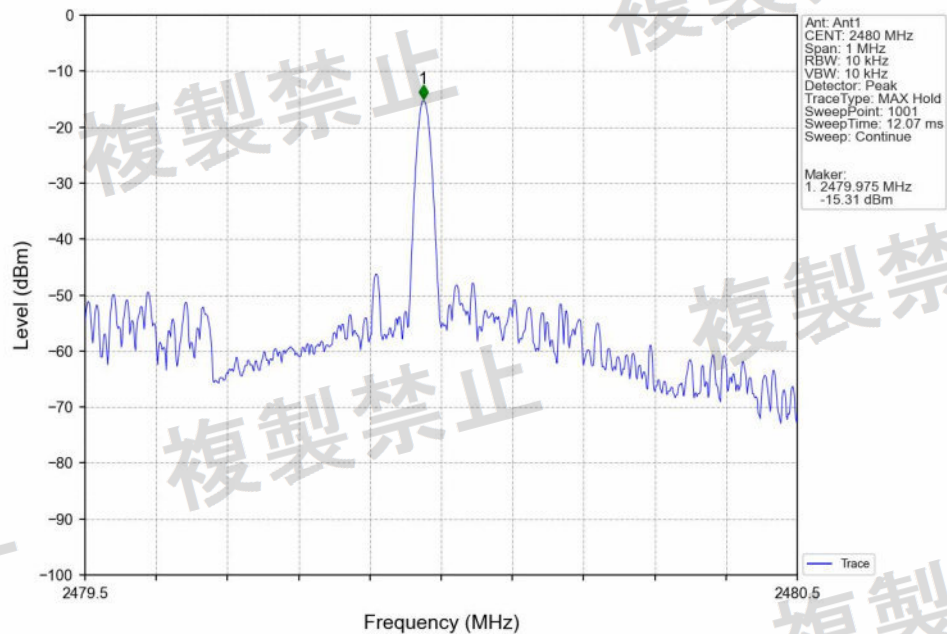


MIC: 219-269050

Frequency Error_NTHV_Carrier Wave_2402MHz_Ant1_NTHV



Frequency Error_NTHV_Carrier Wave_2480MHz_Ant1_NTHV



MIC: 219-269050

2. Occupied Bandwidth

2.1 Test Result

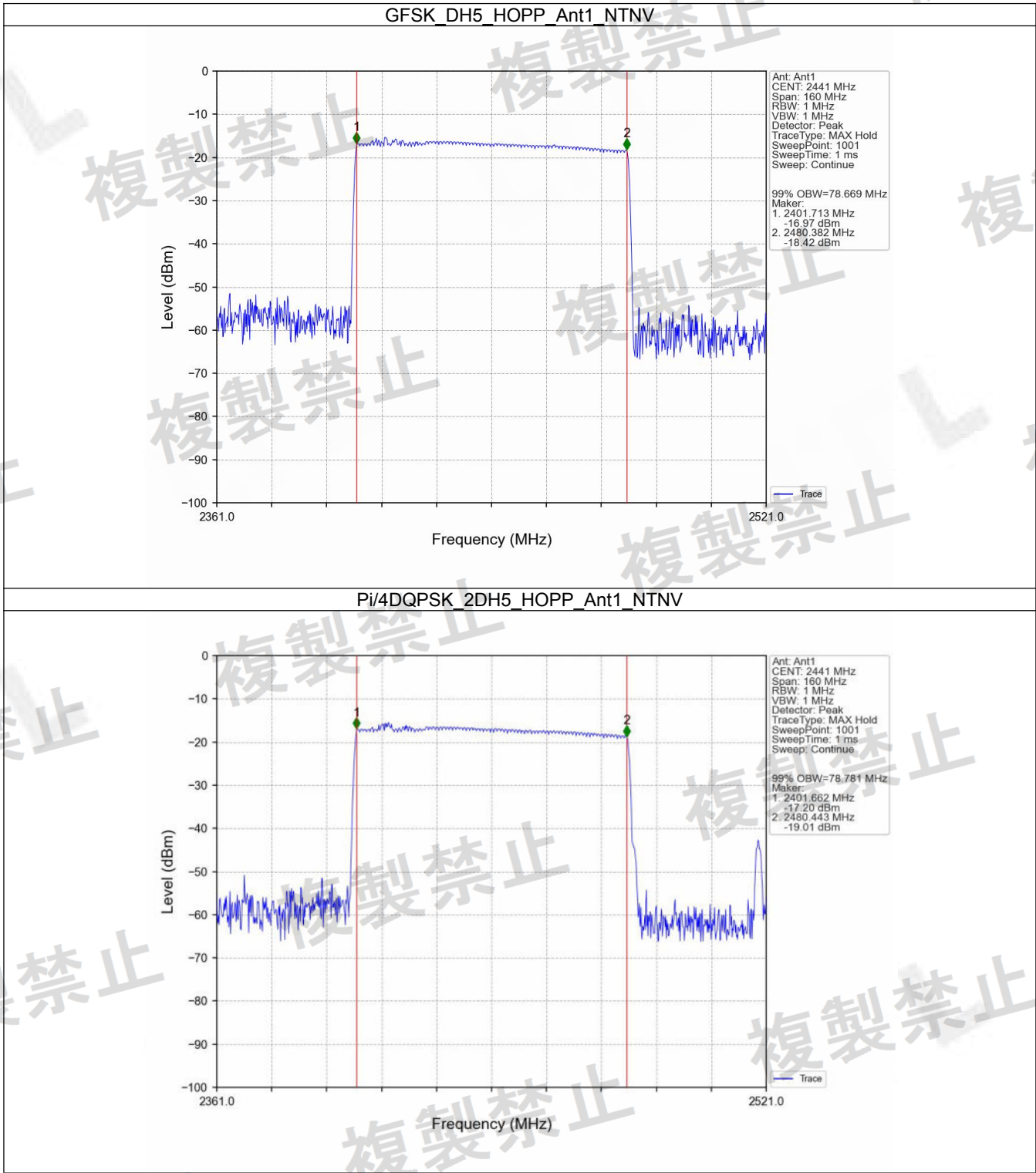
2.1.1 OBW

ENV	Mode	TX Type	Frequency (MHz)	Packet Type	99% Occupied Bandwidth (MHz)		Verdict
					ANT1	Limit	
NTNV	GFSK	SISO	HOPP	DH5	78.669	<=83.5	Pass
	Pi/4DQPSK	SISO	HOPP	2DH5	78.781	<=83.5	Pass
	8DPSK	SISO	HOPP	3DH5	78.690	<=83.5	Pass
NTLV	GFSK	SISO	HOPP	DH5	78.665	<=83.5	Pass
	Pi/4DQPSK	SISO	HOPP	2DH5	78.700	<=83.5	Pass
	8DPSK	SISO	HOPP	3DH5	78.591	<=83.5	Pass
NTHV	GFSK	SISO	HOPP	DH5	78.656	<=83.5	Pass
	Pi/4DQPSK	SISO	HOPP	2DH5	78.765	<=83.5	Pass
	8DPSK	SISO	HOPP	3DH5	78.761	<=83.5	Pass

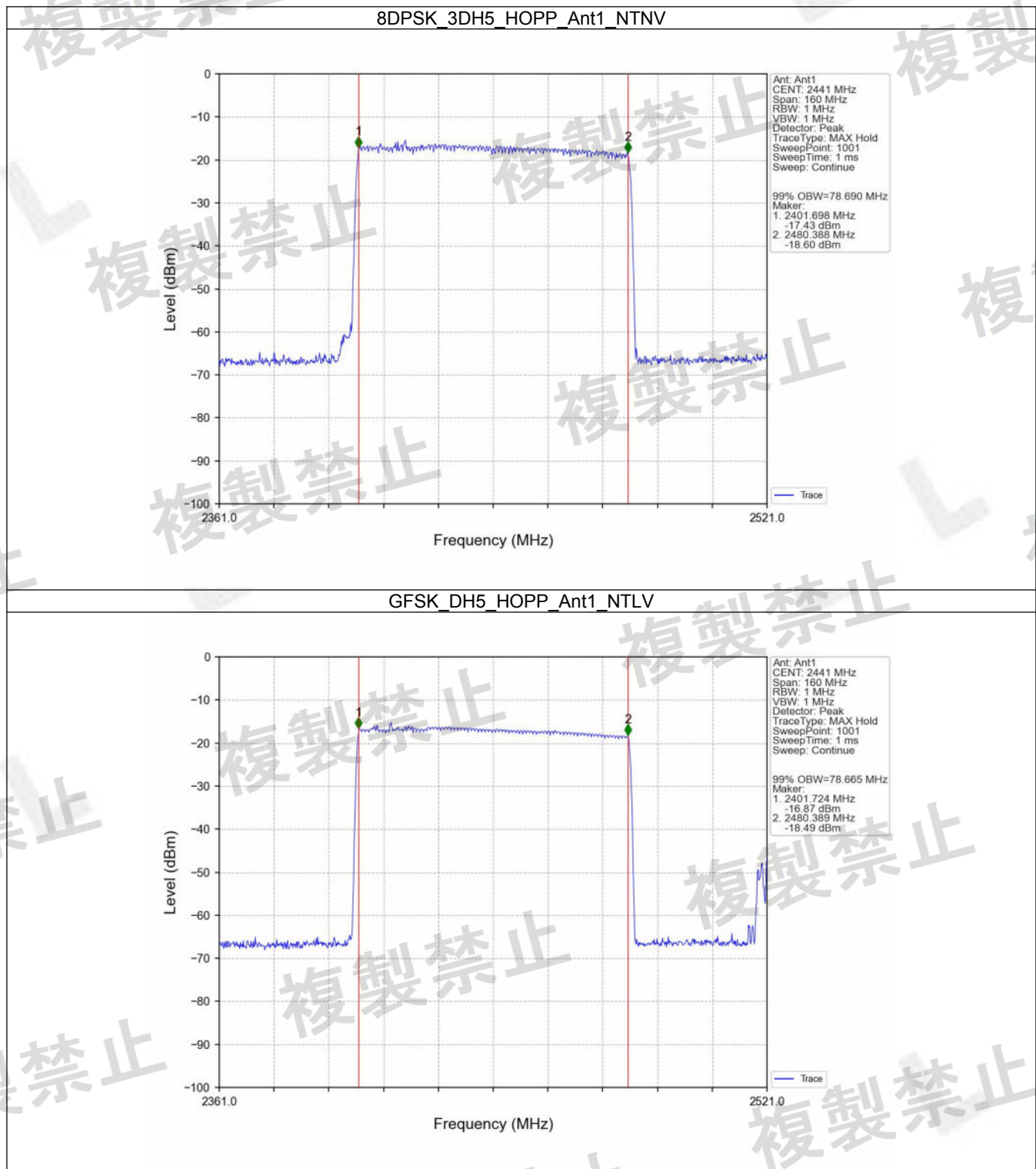
MIC: 219-269050

2.2 Test Graph

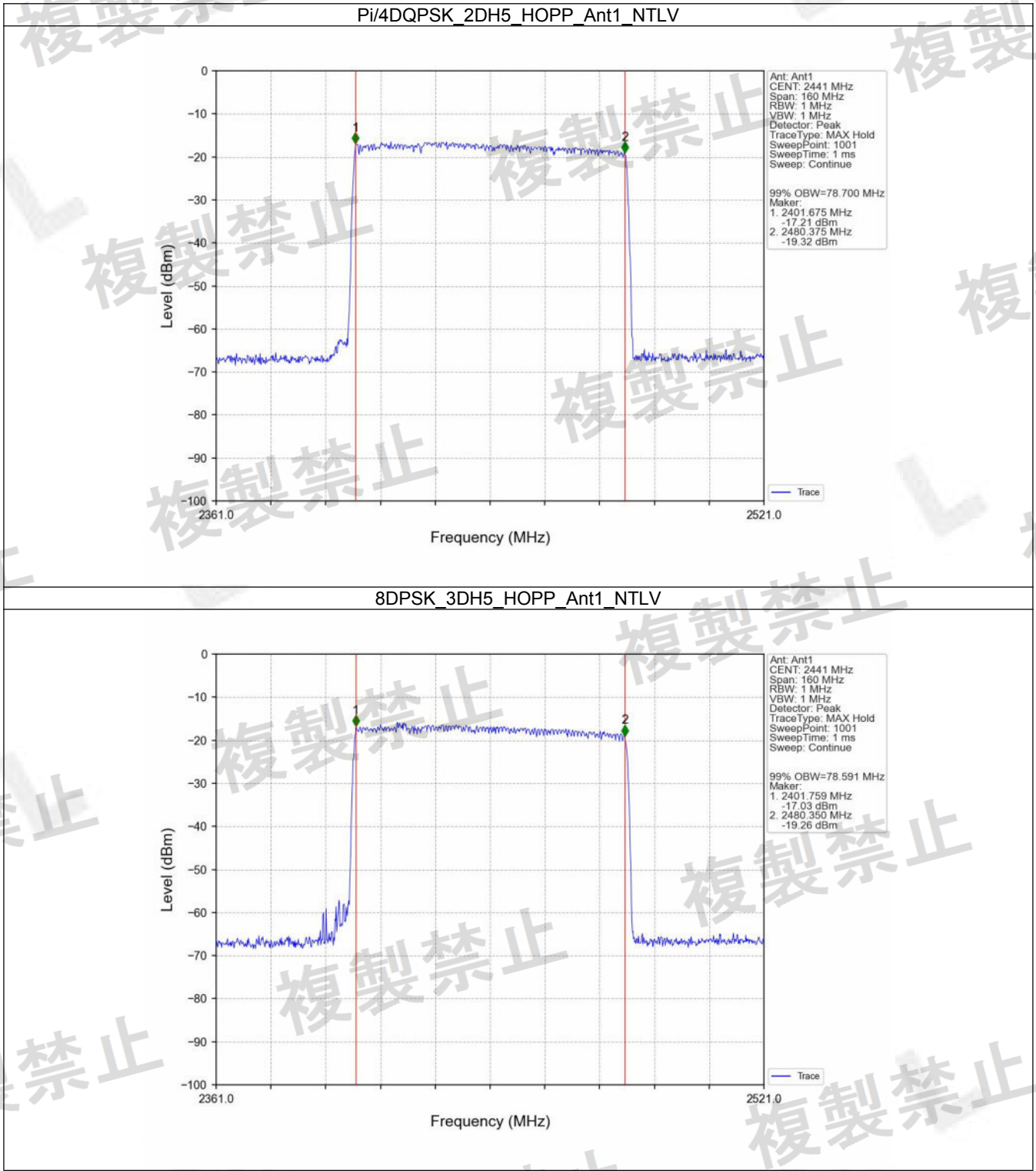
2.2.1 OBW



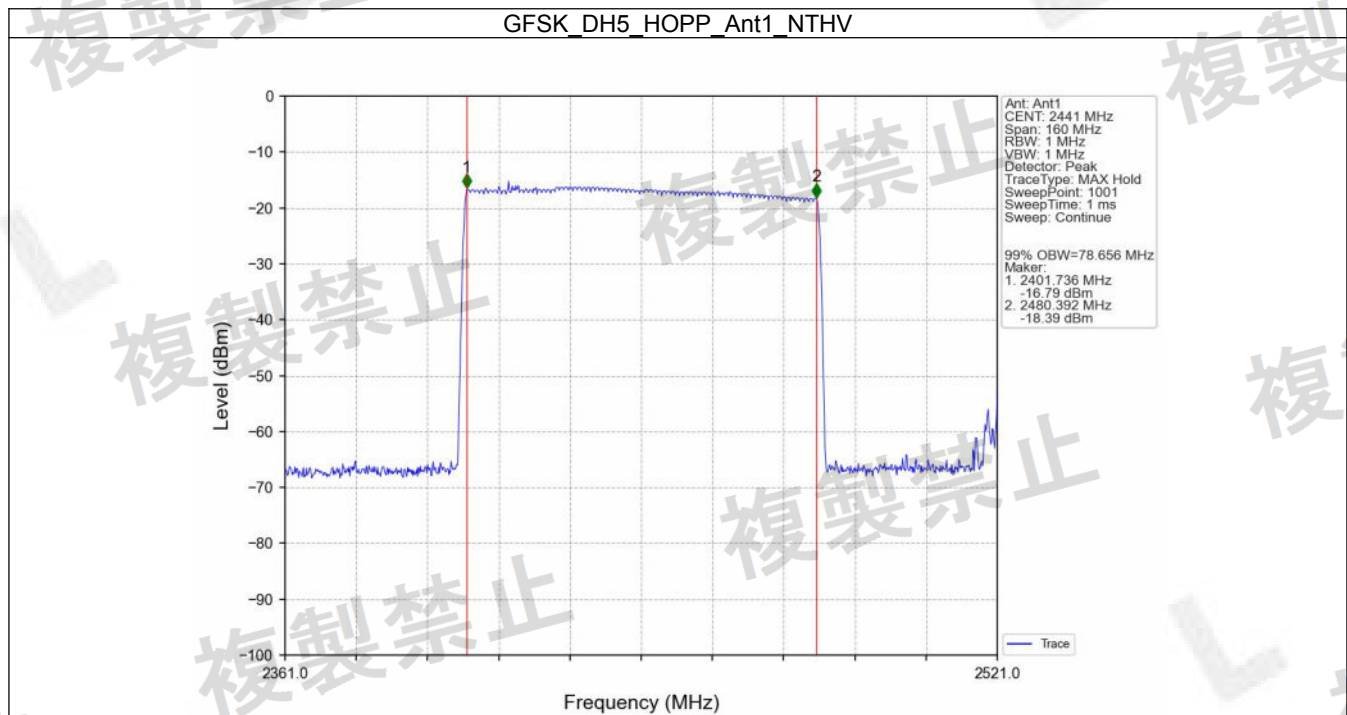
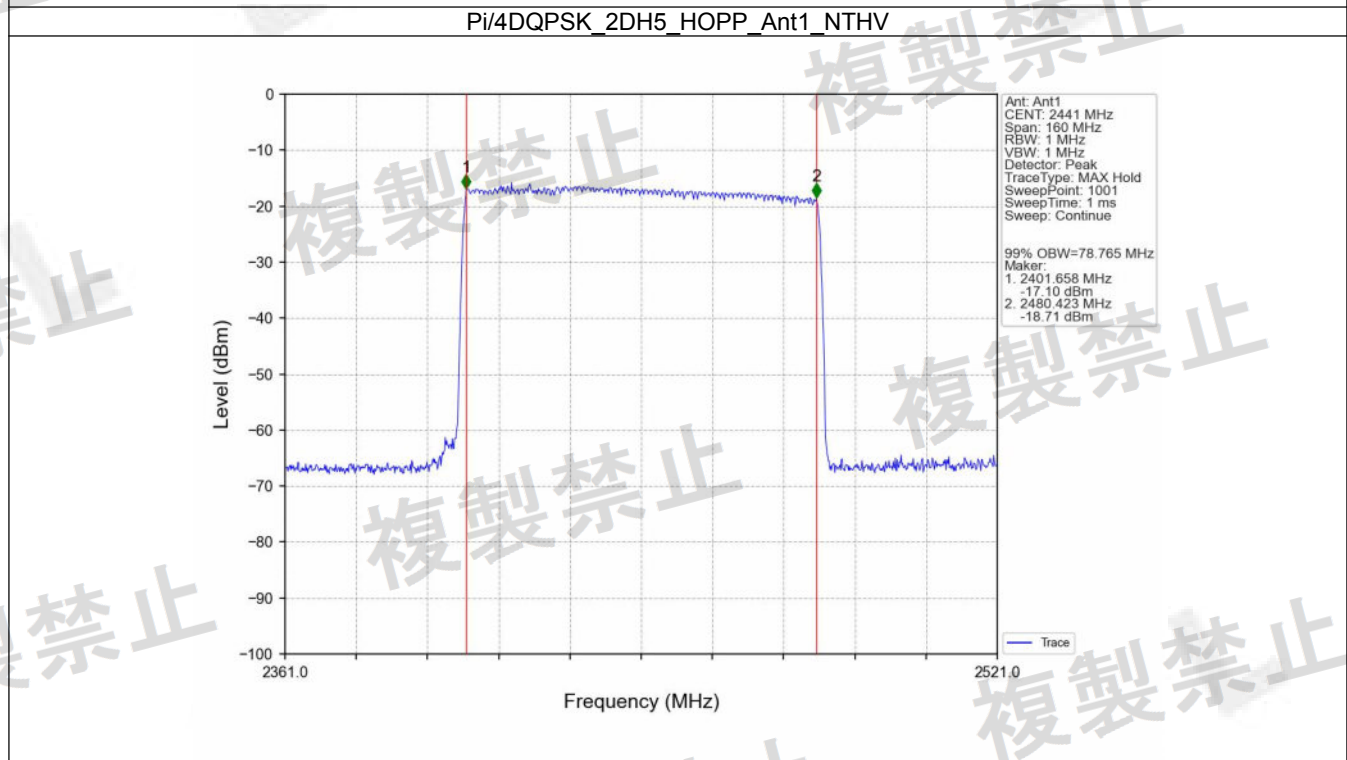
MIC: 219-269050



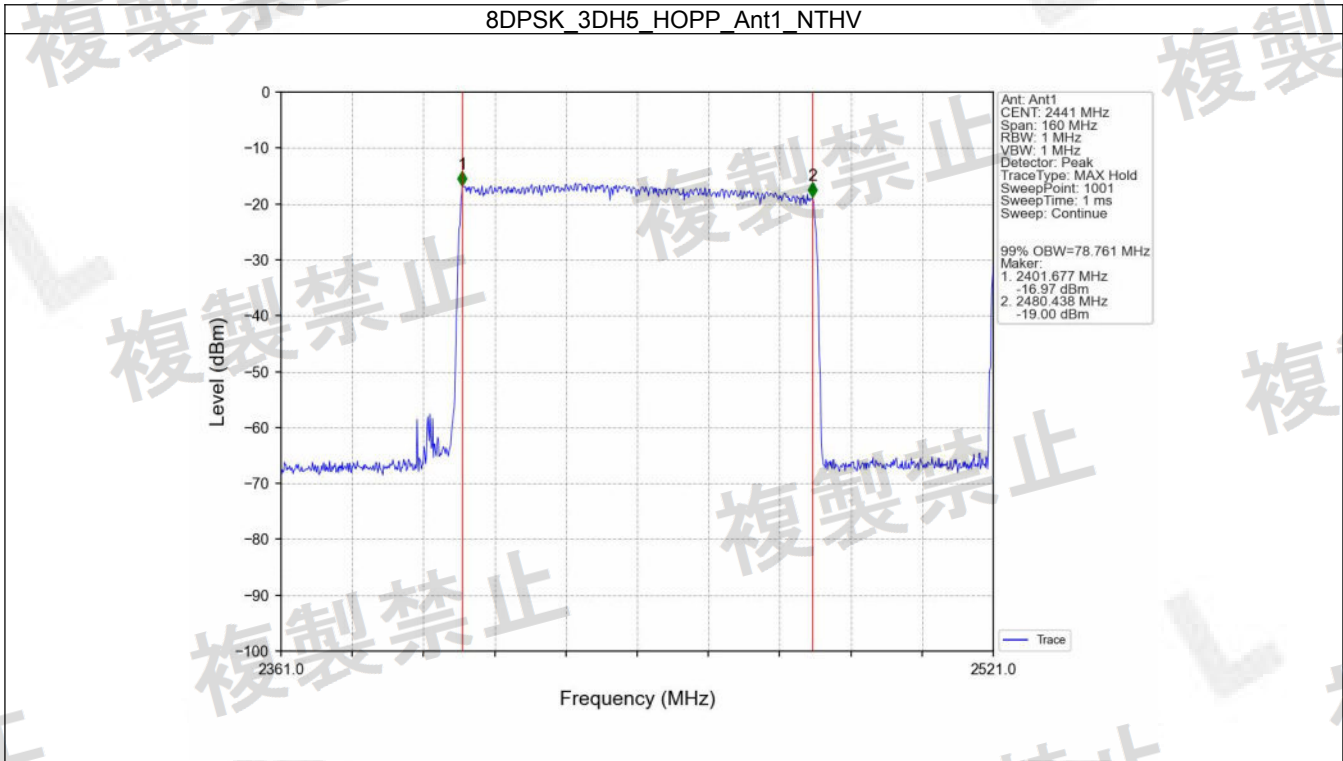
MIC: 219-269050



MIC: 219-269050



MIC: 219-269050



MIC: 219-269050

3. Spread Bandwidth

3.1 Test Result

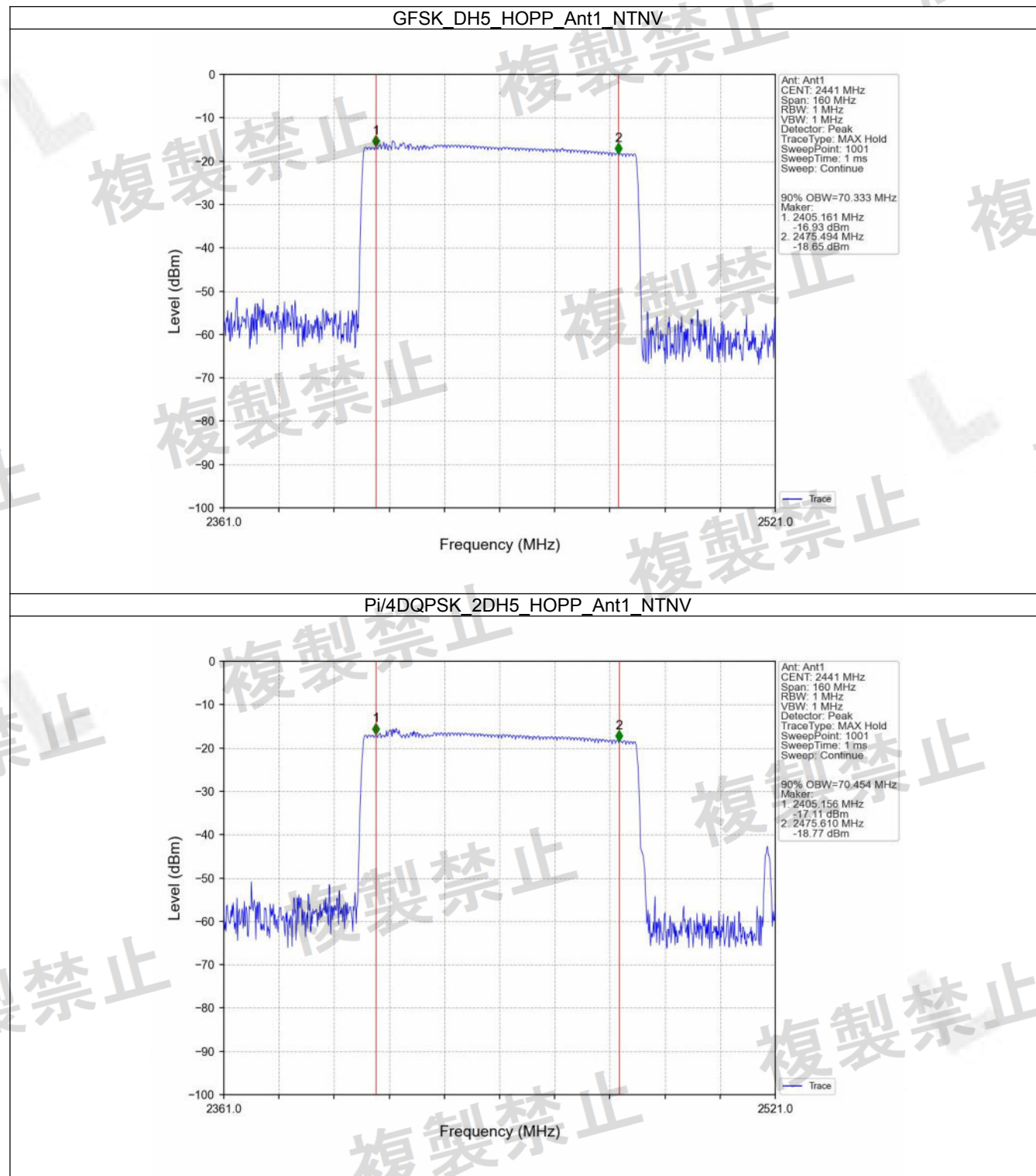
3.1.1 SPBW

ENV	Mode	TX Type	Frequency (MHz)	Packet Type	Spread Bandwidth (MHz)		Verdict
					ANT1	Limit	
NTNV	GFSK	SISO	HOPP	DH5	70.333	/	Only For Report
	Pi/4DQPSK	SISO	HOPP	2DH5	70.454	/	Only For Report
	8DPSK	SISO	HOPP	3DH5	70.377	/	Only For Report
NTLV	GFSK	SISO	HOPP	DH5	70.389	/	Only For Report
	Pi/4DQPSK	SISO	HOPP	2DH5	70.397	/	Only For Report
	8DPSK	SISO	HOPP	3DH5	70.287	/	Only For Report
NTHV	GFSK	SISO	HOPP	DH5	70.447	/	Only For Report
	Pi/4DQPSK	SISO	HOPP	2DH5	70.460	/	Only For Report
	8DPSK	SISO	HOPP	3DH5	70.539	/	Only For Report

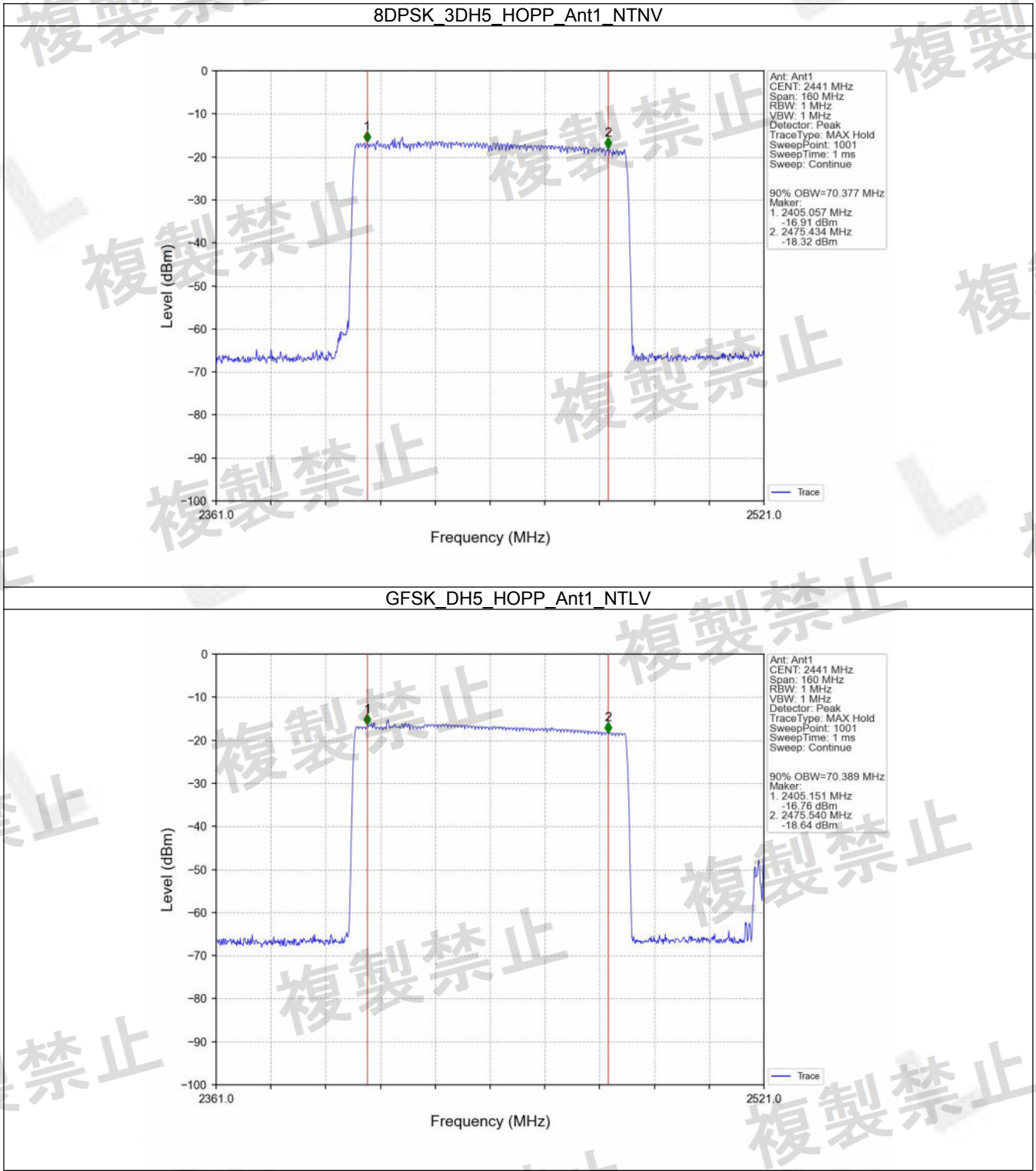
MIC: 219-269050

3.2 Test Graph

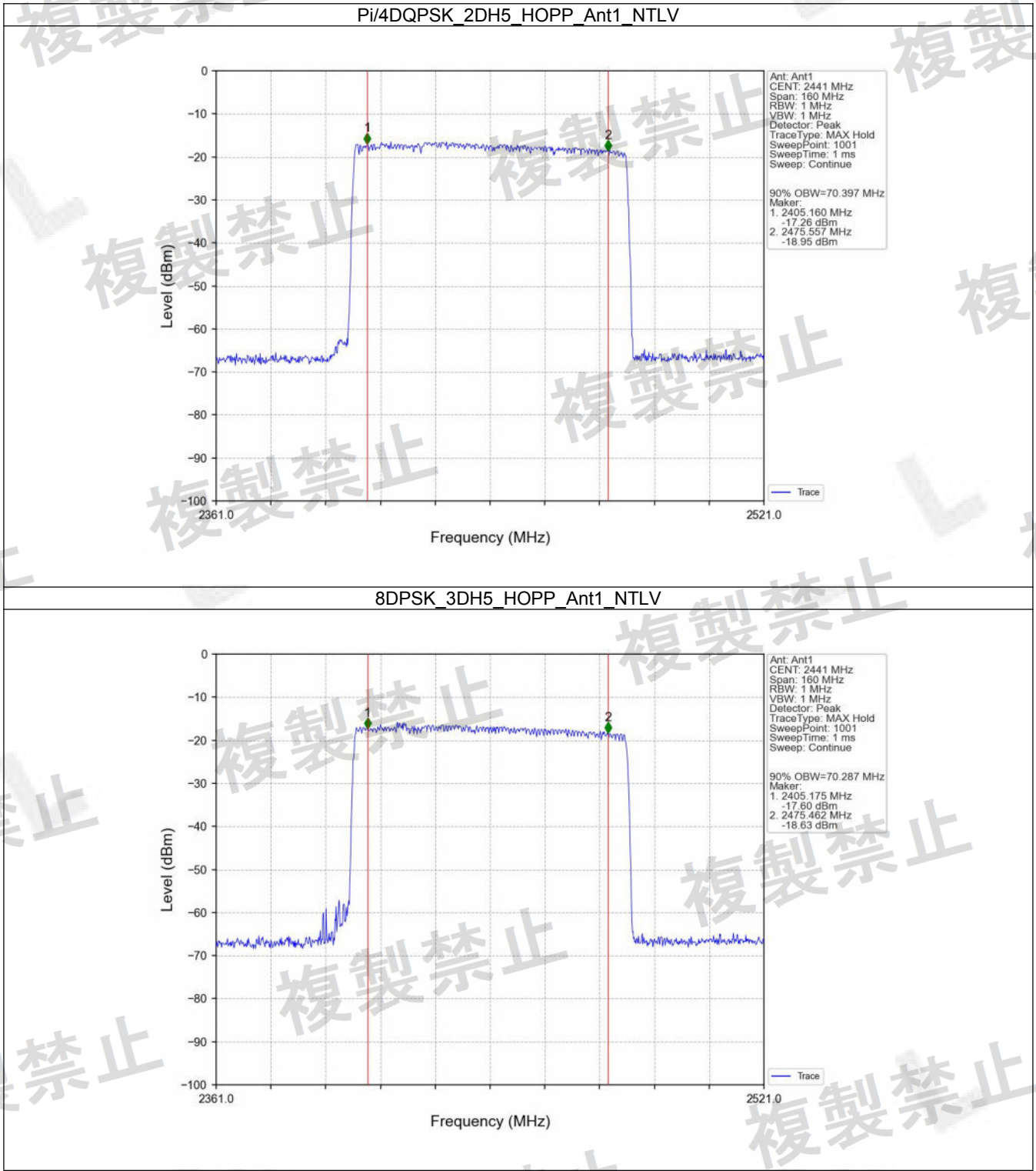
3.2.1 SPBW



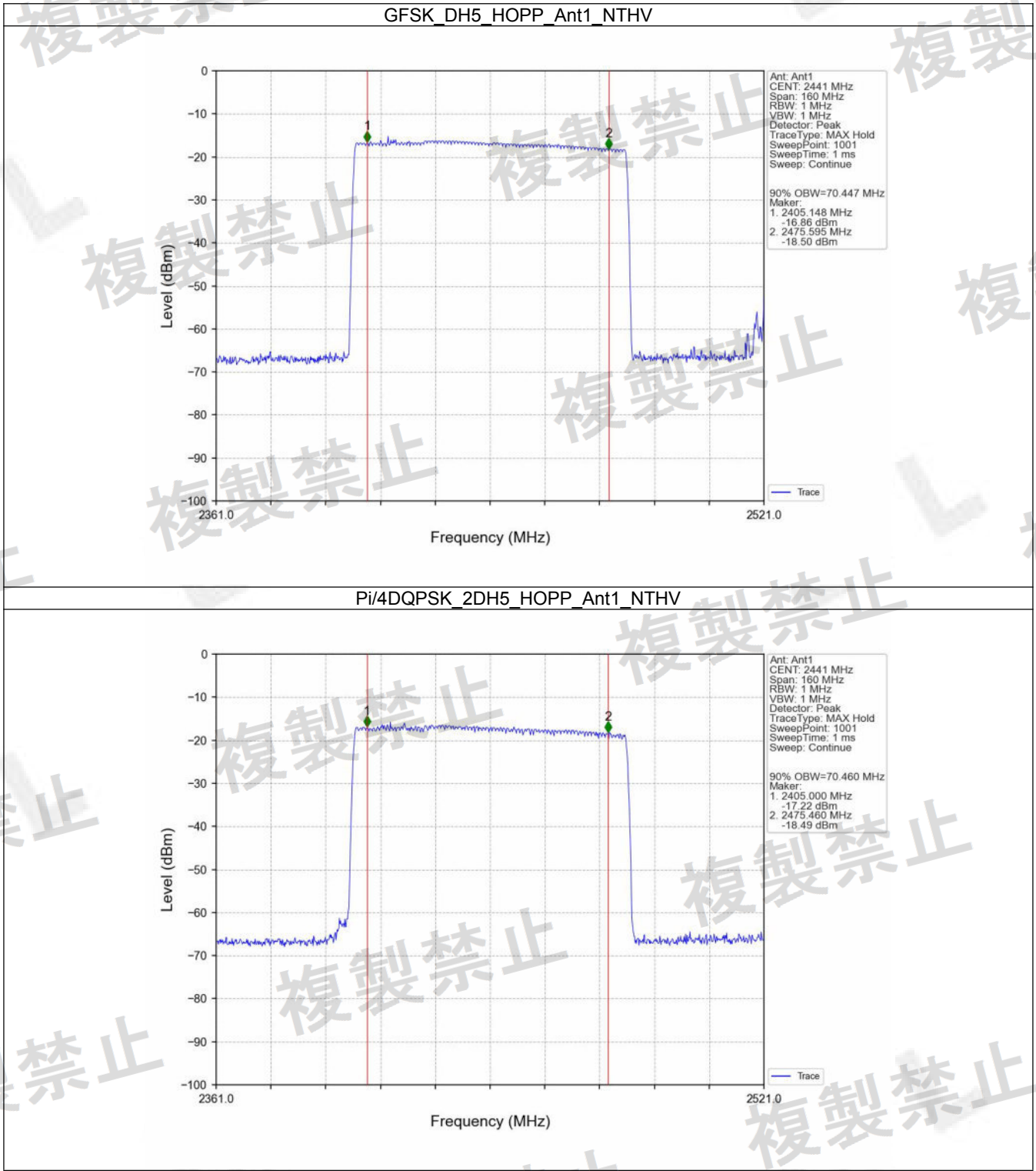
MIC: 219-269050



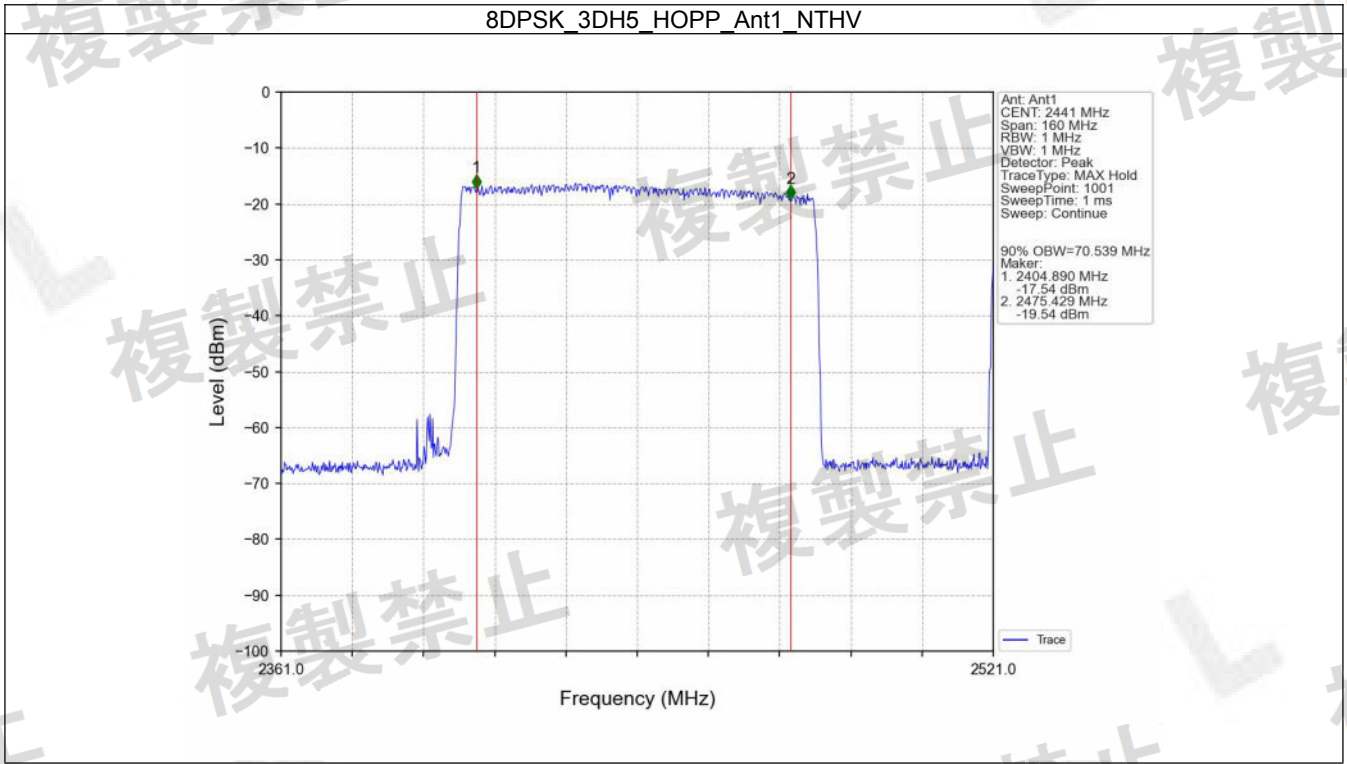
MIC: 219-269050



MIC: 219-269050



MIC: 219-269050



MIC: 219-269050

4. Antenna Power

4.1 Test Result

4.1.1 Power

ENV	Mode	TX Type	Frequency (MHz)	Packet Type	ANT	AVG Power (dBm)	Antenna Power (mW/MHz)		Nominal Power (mW/MHz)	Tolerance (%)		Verdict
							Measured	Limit		Measured	Limit	
NTNV	GFSK	SISO	HOPP	DH5	1	-16.97	0.00029	<=3.00	0.001	-71.00	<=20	Pass
	Pi/4DQPSK	SISO	HOPP	2DH5	1	-18.56	0.00020	<=3.00	0.001	-80.00	<=20	Pass
	8DPSK	SISO	HOPP	3DH5	1	-22.57	0.00008	<=3.00	0.001	-92.00	<=20	Pass
NTLV	GFSK	SISO	HOPP	DH5	1	-17.14	0.00027	<=3.00	0.001	-73.00	<=20	Pass
	Pi/4DQPSK	SISO	HOPP	2DH5	1	-20.38	0.00013	<=3.00	0.001	-87.00	<=20	Pass
	8DPSK	SISO	HOPP	3DH5	1	-19.91	0.00015	<=3.00	0.001	-85.00	<=20	Pass
NTHV	GFSK	SISO	HOPP	DH5	1	-17.16	0.00027	<=3.00	0.001	-73.00	<=20	Pass
	Pi/4DQPSK	SISO	HOPP	2DH5	1	-18.42	0.00020	<=3.00	0.001	-80.00	<=20	Pass
	8DPSK	SISO	HOPP	3DH5	1	-19.90	0.00015	<=3.00	0.001	-85.00	<=20	Pass

Note: Antenna Power(mW/MHz) = AVG Power(mW)/Spread Bandwidth(MHz)

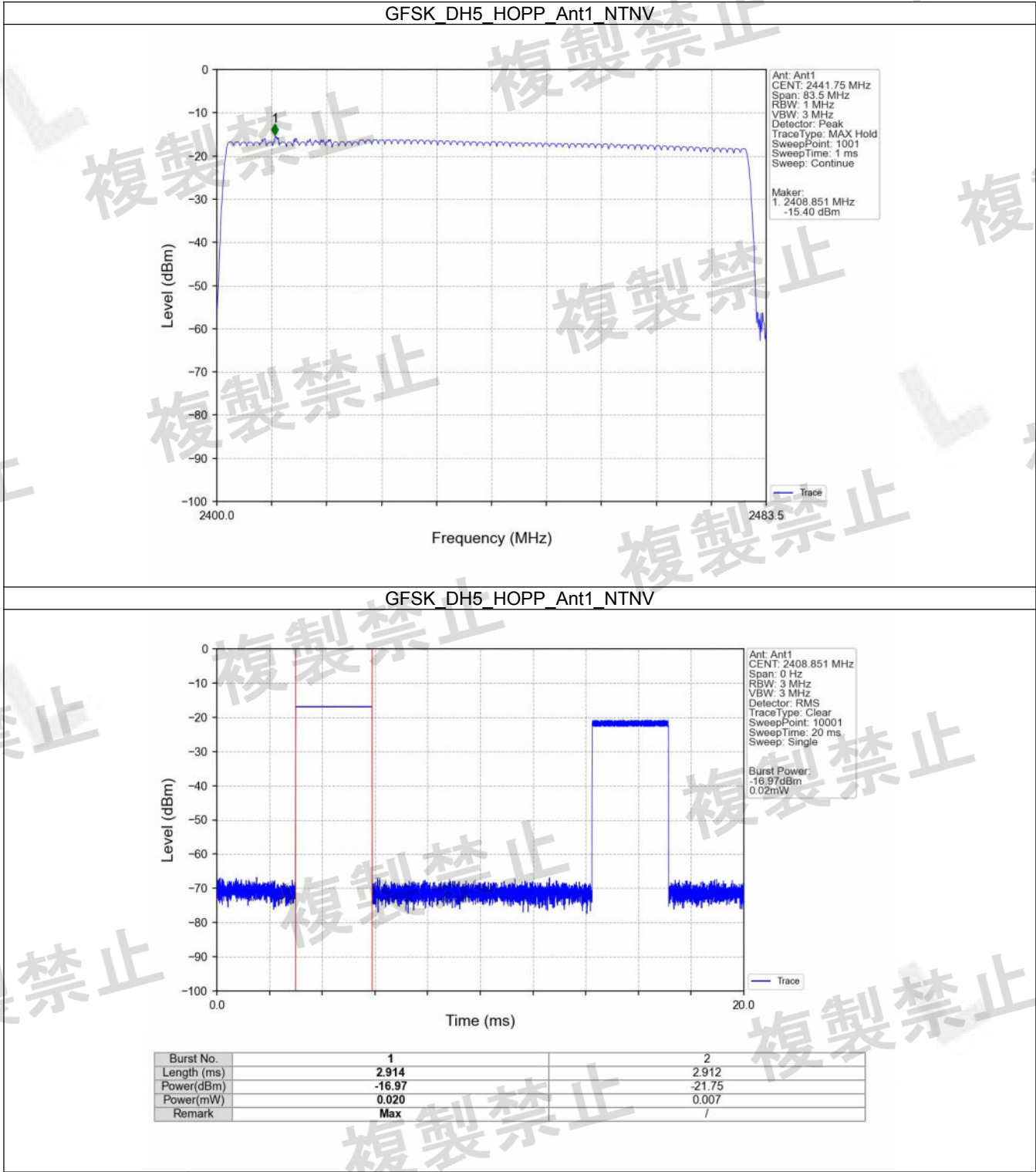
4.1.2 EIRP

ENV	Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Gain (dBi)	EIRP (dBm/MHz)		Verdict
							Result	Limit	
NTNV	GFSK	SISO	HOPP	DH5	1	-1.2	-36.64	<=6.91	Pass
	Pi/4DQPSK	SISO	HOPP	2DH5	1	-1.2	-38.24	<=6.91	Pass
	8DPSK	SISO	HOPP	3DH5	1	-1.2	-42.24	<=6.91	Pass
NTLV	GFSK	SISO	HOPP	DH5	1	-1.2	-36.82	<=6.91	Pass
	Pi/4DQPSK	SISO	HOPP	2DH5	1	-1.2	-40.06	<=6.91	Pass
	8DPSK	SISO	HOPP	3DH5	1	-1.2	-39.58	<=6.91	Pass
NTHV	GFSK	SISO	HOPP	DH5	1	-1.2	-36.84	<=6.91	Pass
	Pi/4DQPSK	SISO	HOPP	2DH5	1	-1.2	-38.1	<=6.91	Pass
	8DPSK	SISO	HOPP	3DH5	1	-1.2	-39.59	<=6.91	Pass

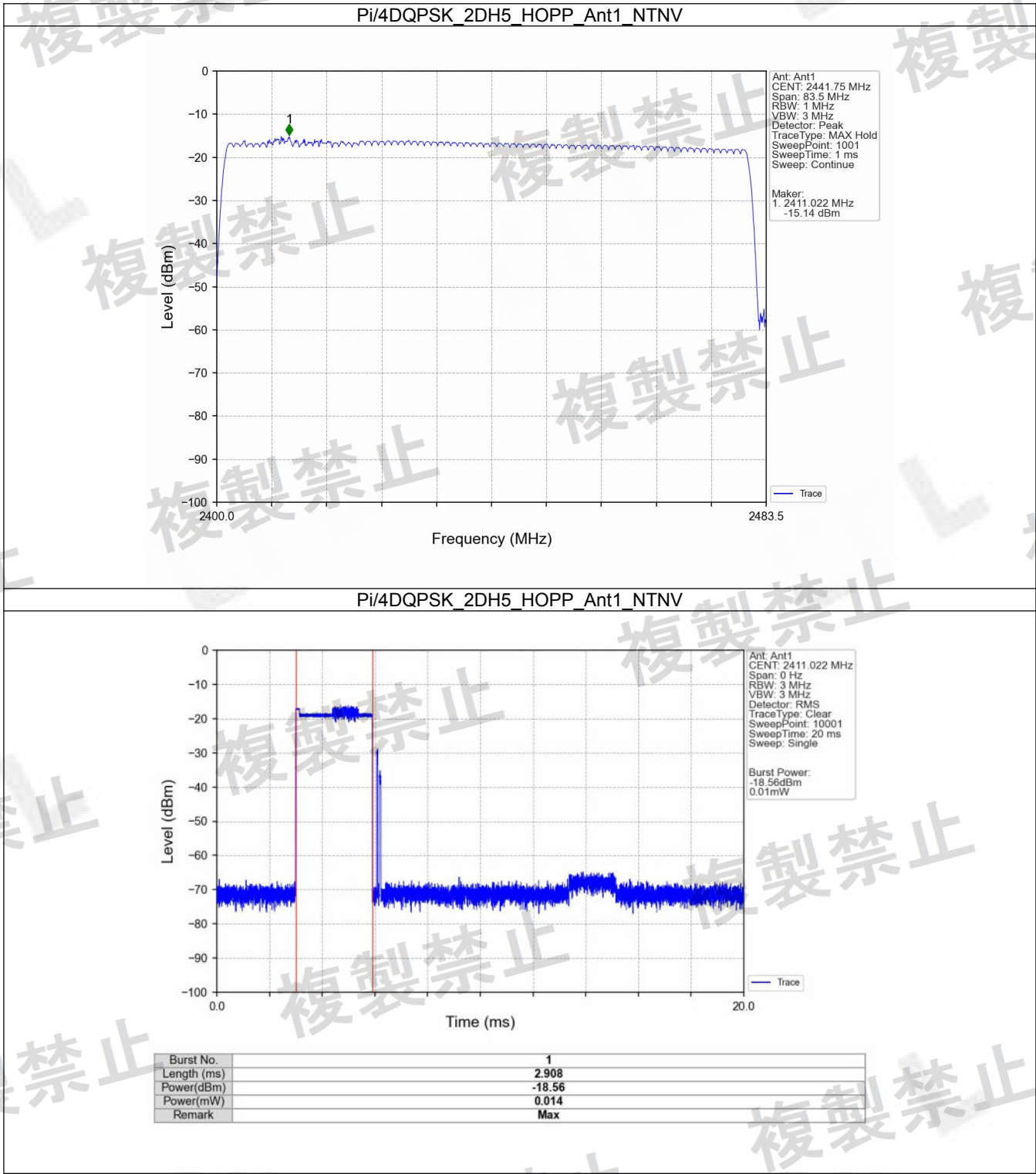
MIC: 219-269050

4.2 Test Graph

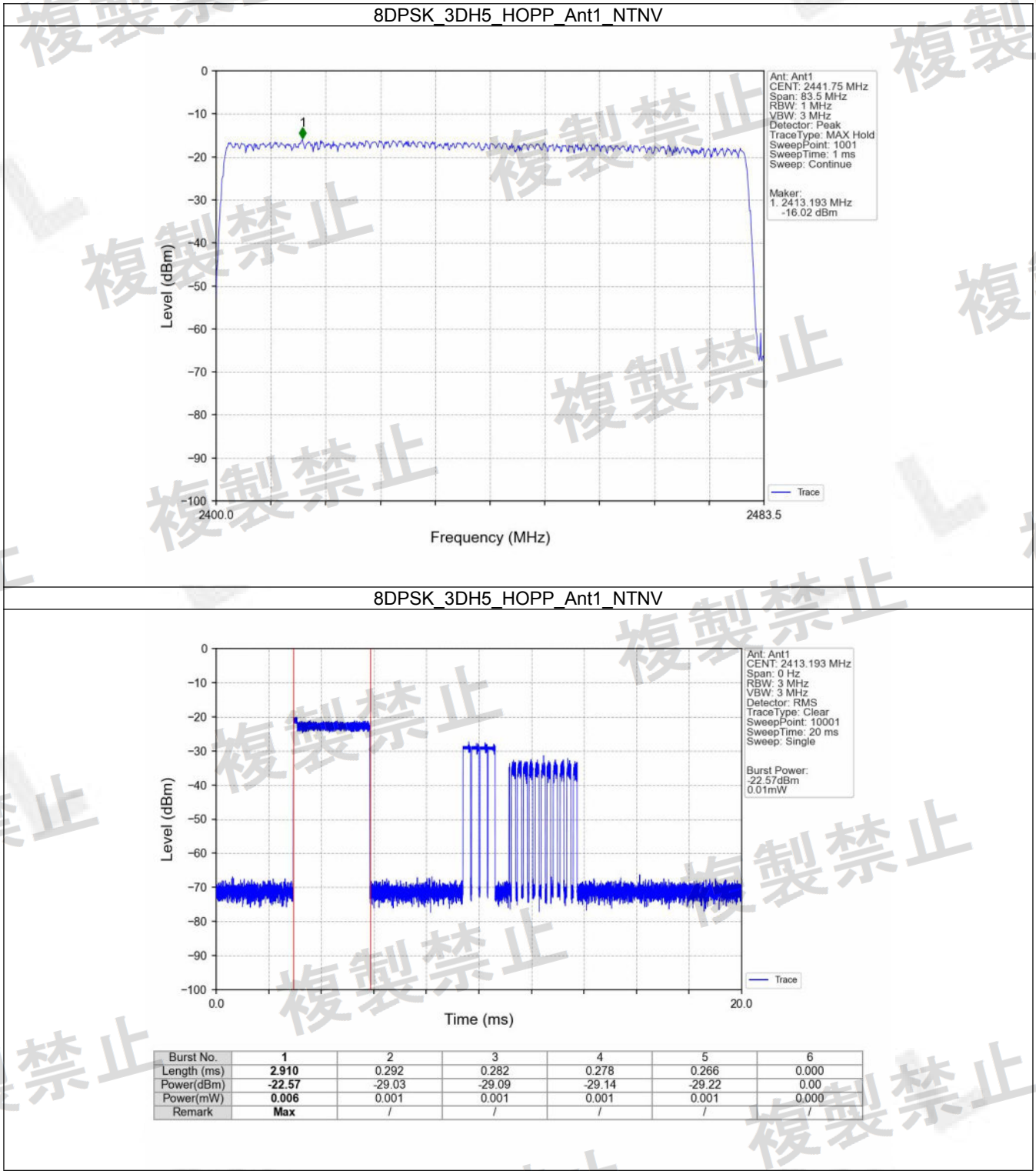
4.2.1 Power



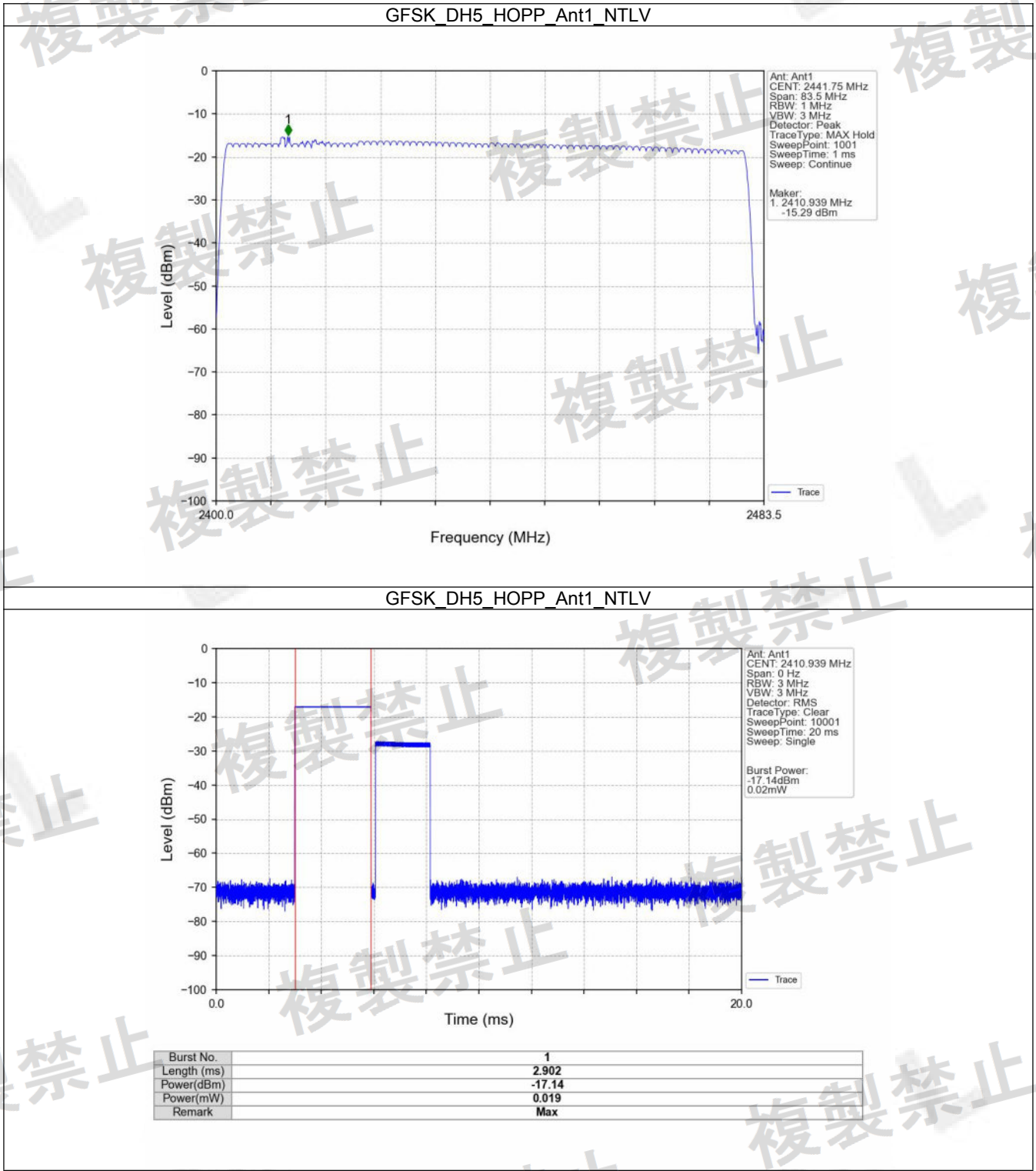
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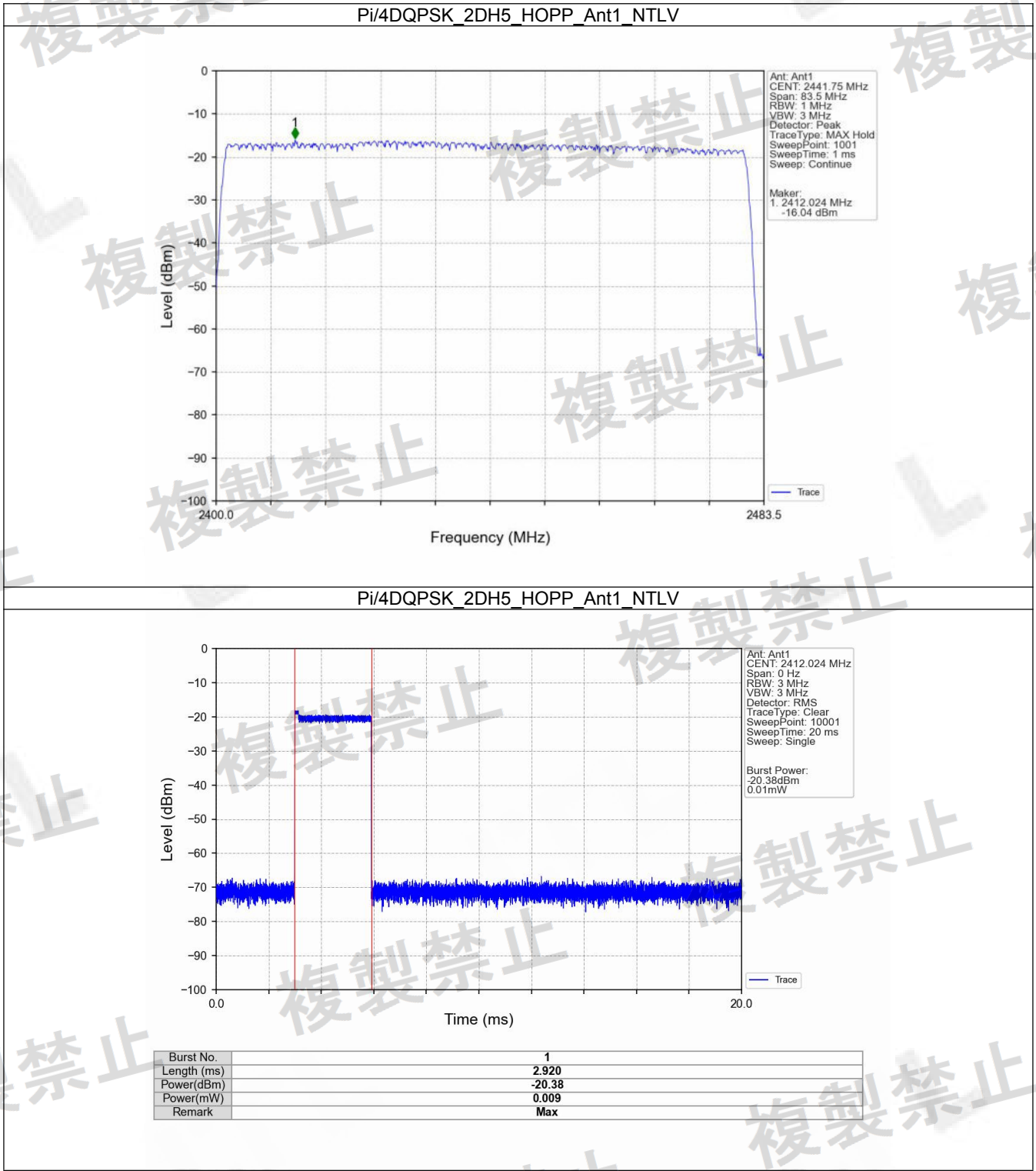
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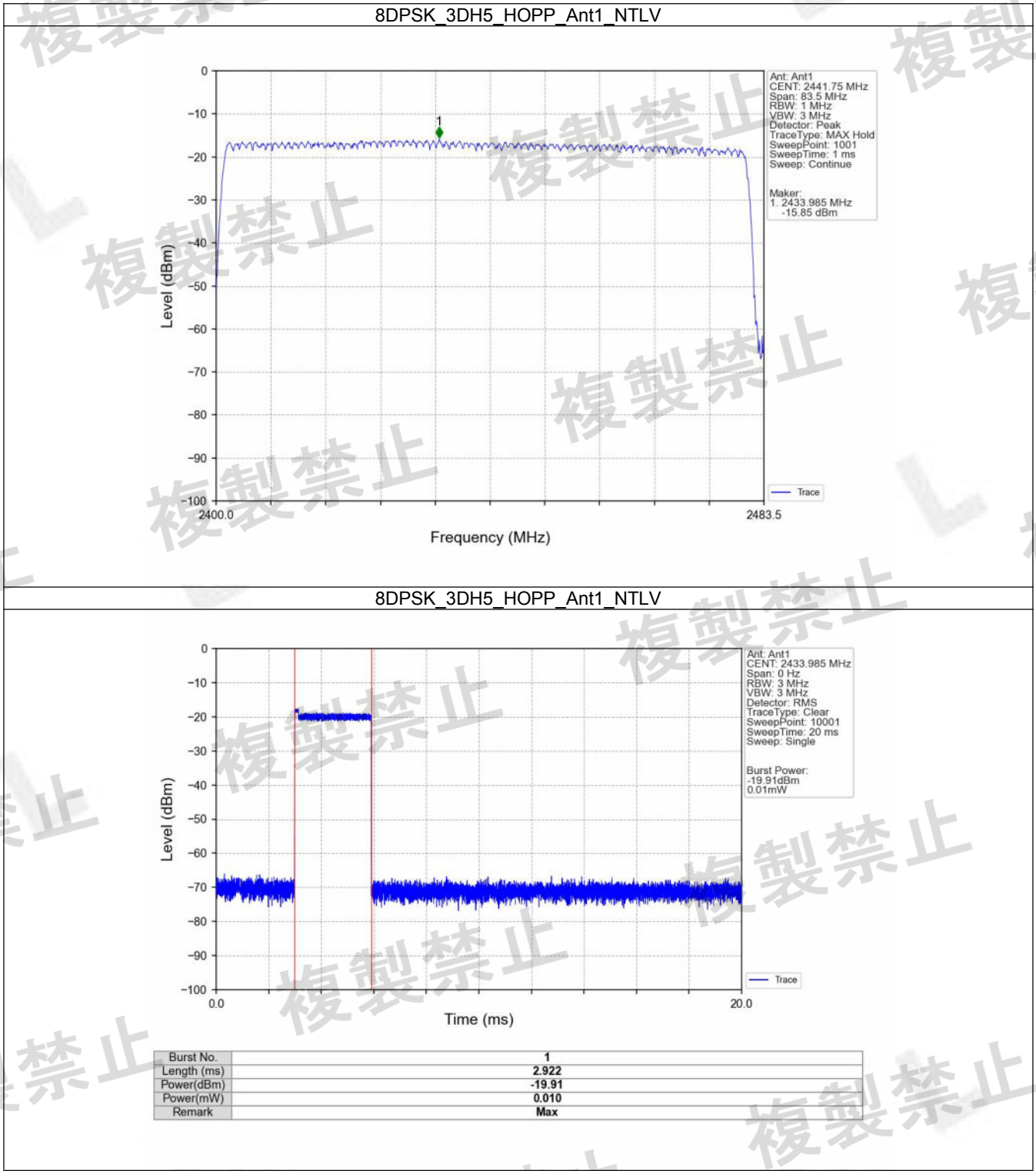
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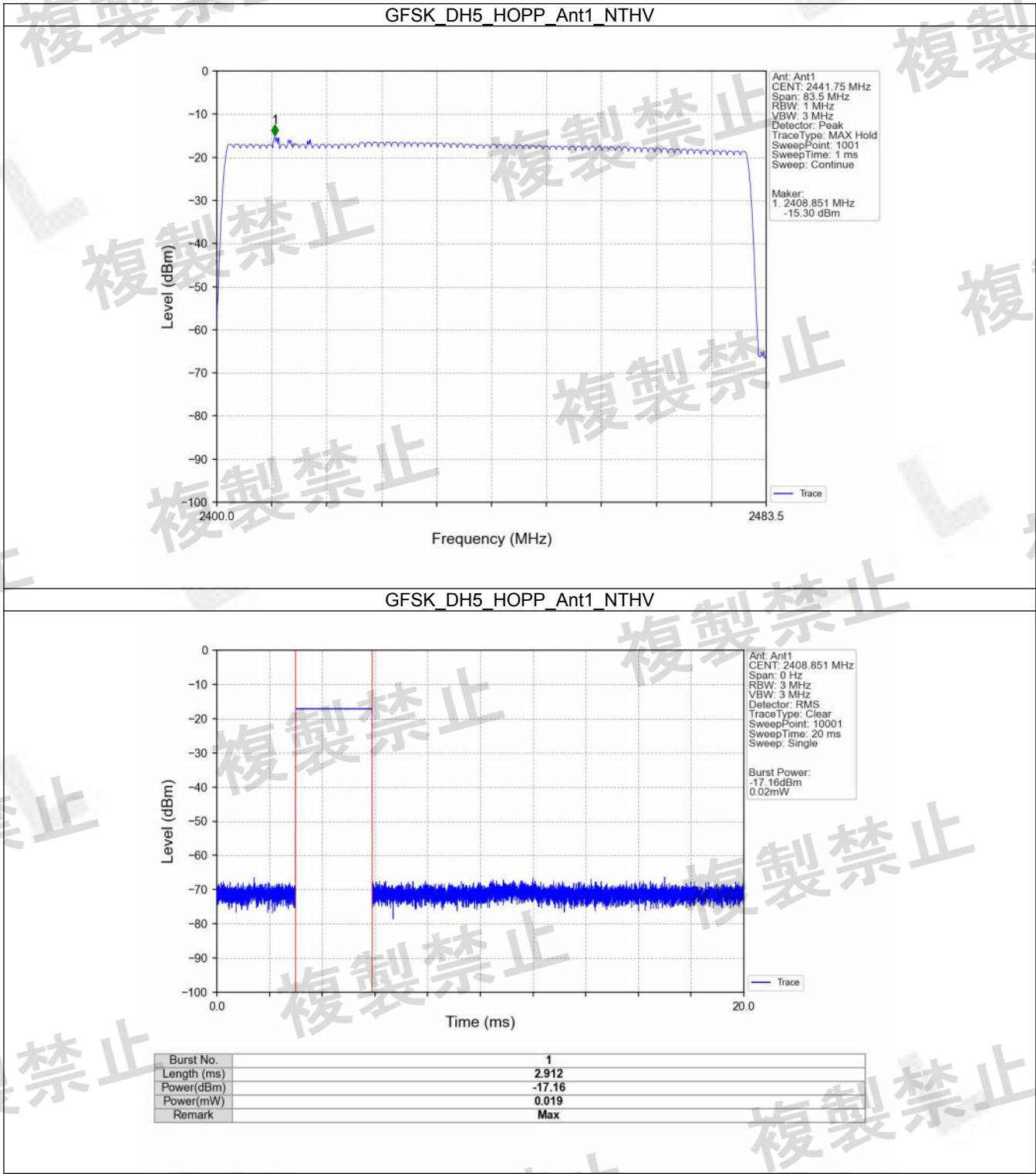
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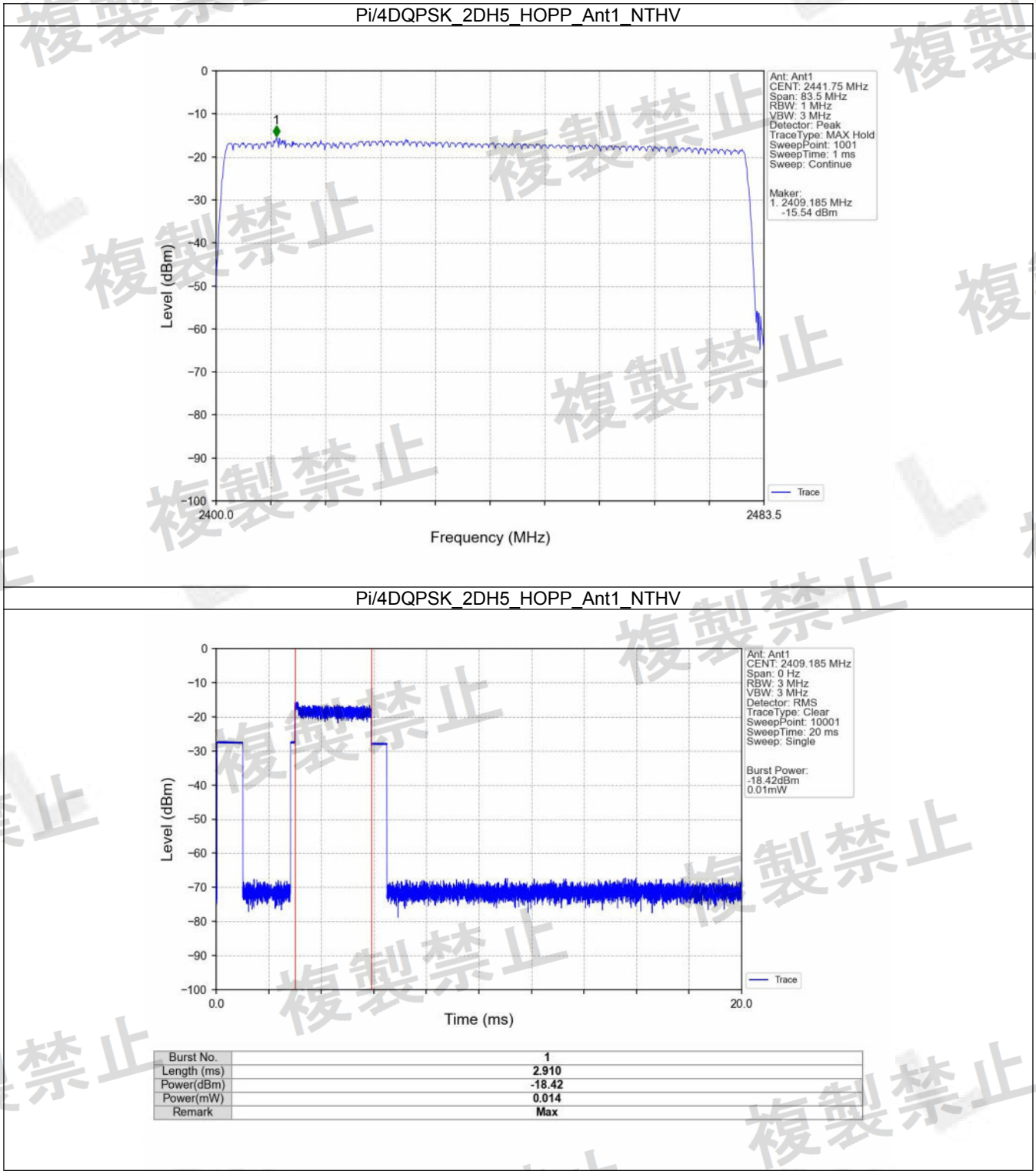
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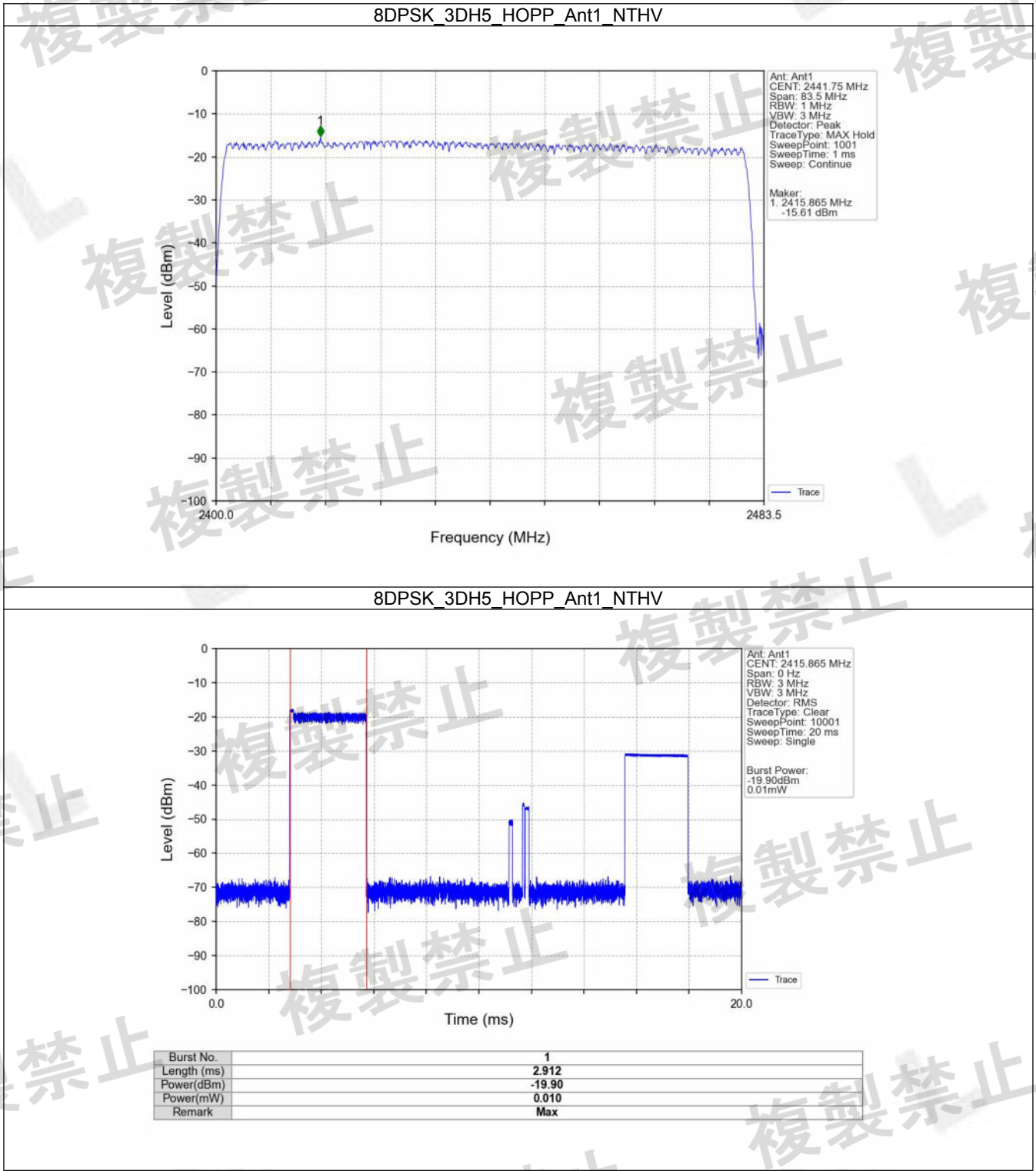
MIC: 219-269050



MIC: 219-269050



MIC: 219-269050



MIC: 219-269050

5. Dwell Time

5.1 Test Result

5.1.1 Ant1

Ant1											
ENV	Mode	TX Type	Frequency (MHz)	Packet Type	Spreading Rate	T_on (ms)	Period (ms)	Hopp Number	Dwell Time (ms)		Verdict
									Result	Limit	
NTNV	GFSK	SISO	2402	DH1	70.333	0.405	1.250	79	115.382	<=400	Pass
				DH3	70.333	1.660	2.500	79	236.461	<=400	Pass
				DH5	70.333	2.909	3.751	79	276.178	<=400	Pass
			2480	DH1	70.333	0.405	1.251	79	115.290	<=400	Pass
				DH3	70.333	1.660	2.500	79	236.461	<=400	Pass
				DH5	70.333	2.909	3.750	79	276.251	<=400	Pass
	Pi/4DQPSK	SISO	2402	2DH1	70.454	0.414	1.250	79	118.149	<=400	Pass
				2DH3	70.454	1.667	2.500	79	237.867	<=400	Pass
				2DH5	70.454	2.914	3.750	79	277.202	<=400	Pass
			2480	2DH1	70.454	0.414	1.250	79	118.149	<=400	Pass
				2DH3	70.454	1.666	2.500	79	237.724	<=400	Pass
				2DH5	70.454	2.914	3.750	79	277.202	<=400	Pass
	8DPSK	SISO	2402	3DH1	70.377	0.416	1.250	79	118.590	<=400	Pass
				3DH3	70.377	1.666	2.500	79	237.464	<=400	Pass
				3DH5	70.377	2.917	3.750	79	277.184	<=400	Pass
			2480	3DH1	70.377	0.416	1.250	79	118.590	<=400	Pass
				3DH3	70.377	1.666	2.500	79	237.464	<=400	Pass
				3DH5	70.377	2.917	3.750	79	277.184	<=400	Pass
NTLV	GFSK	SISO	2402	DH1	70.389	0.405	1.250	79	115.474	<=400	Pass
				DH3	70.389	1.661	2.500	79	236.792	<=400	Pass
				DH5	70.389	2.909	3.750	79	276.471	<=400	Pass
			2480	DH1	70.389	0.405	1.250	79	115.474	<=400	Pass
				DH3	70.389	1.661	2.501	79	236.697	<=400	Pass
				DH5	70.389	2.908	3.750	79	276.376	<=400	Pass
	Pi/4DQPSK	SISO	2402	2DH1	70.397	0.414	1.250	79	118.053	<=400	Pass
				2DH3	70.397	1.666	2.500	79	237.532	<=400	Pass
				2DH5	70.397	2.914	3.750	79	276.978	<=400	Pass
			2480	2DH1	70.397	0.414	1.250	79	118.053	<=400	Pass
				2DH3	70.397	1.666	2.500	79	237.532	<=400	Pass
				2DH5	70.397	2.914	3.750	79	276.978	<=400	Pass
	8DPSK	SISO	2402	3DH1	70.287	0.417	1.250	79	118.723	<=400	Pass
				3DH3	70.287	1.666	2.500	79	237.161	<=400	Pass
				3DH5	70.287	2.918	3.751	79	276.851	<=400	Pass
			2480	3DH1	70.287	0.416	1.250	79	118.438	<=400	Pass
				3DH3	70.287	1.666	2.500	79	237.161	<=400	Pass
				3DH5	70.287	2.918	3.750	79	276.925	<=400	Pass
NTHV	GFSK	SISO	2402	DH1	70.447	0.404	1.250	79	115.283	<=400	Pass
				DH3	70.447	1.661	2.500	79	236.987	<=400	Pass
				DH5	70.447	2.908	3.750	79	276.604	<=400	Pass
			2480	DH1	70.447	0.404	1.250	79	115.283	<=400	Pass
				DH3	70.447	1.660	2.500	79	236.845	<=400	Pass
				DH5	70.447	2.908	3.750	79	276.604	<=400	Pass
	Pi/4DQPSK	SISO	2402	2DH1	70.460	0.415	1.250	79	118.444	<=400	Pass
				2DH3	70.460	1.667	2.500	79	237.887	<=400	Pass

MIC: 219-269050

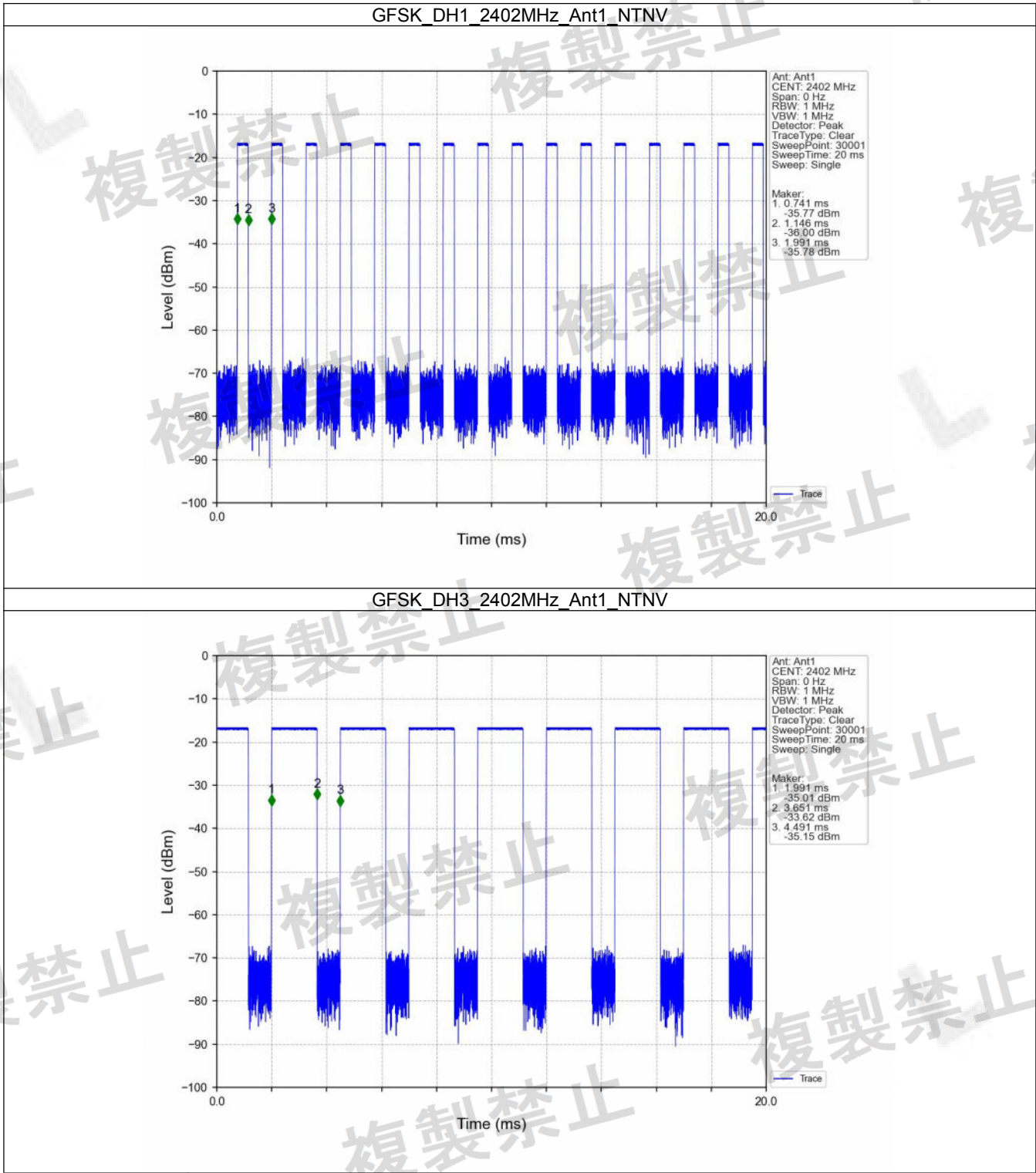
			2480	2DH5	70.460	2.914	3.750	79	277.226	<=400	Pass
			2480	2DH1	70.460	0.414	1.250	79	118.159	<=400	Pass
				2DH3	70.460	1.666	2.500	79	237.745	<=400	Pass
				2DH5	70.460	2.914	3.750	79	277.226	<=400	Pass
	8DPSK	SISO	2402	3DH1	70.539	0.416	1.250	79	118.863	<=400	Pass
				3DH3	70.539	1.666	2.500	79	238.011	<=400	Pass
				3DH5	70.539	2.917	3.750	79	277.822	<=400	Pass
			2480	3DH1	70.539	0.416	1.250	79	118.863	<=400	Pass
				3DH3	70.539	1.665	2.500	79	237.868	<=400	Pass
				3DH5	70.539	2.917	3.750	79	277.822	<=400	Pass

Note: Dwell time= (0.4(s) x spreading rate x sending time of 1burst (s))/(burst cycle(s) x No. of hopping channel)

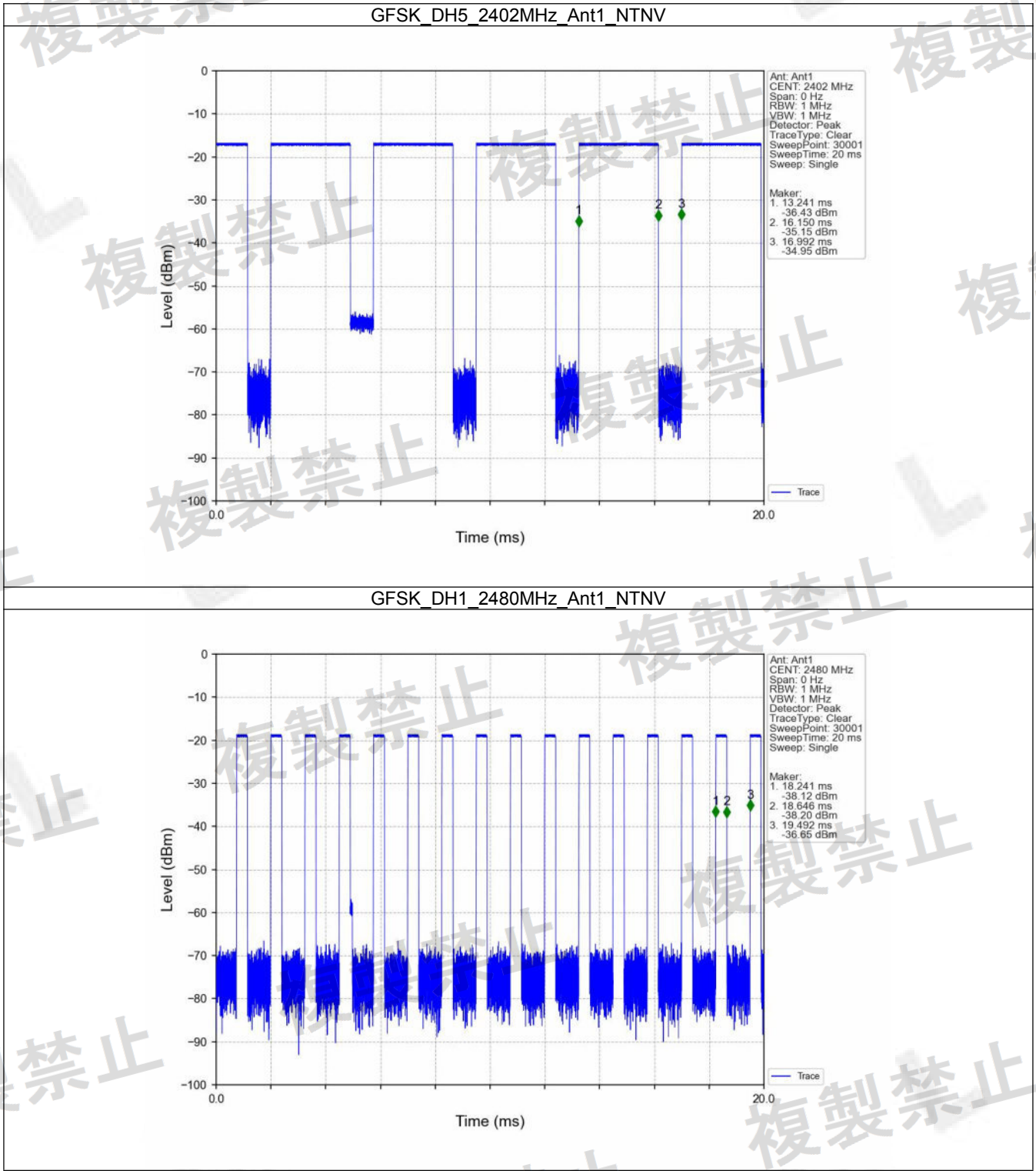
MIC: 219-269050

5.2 Test Graph

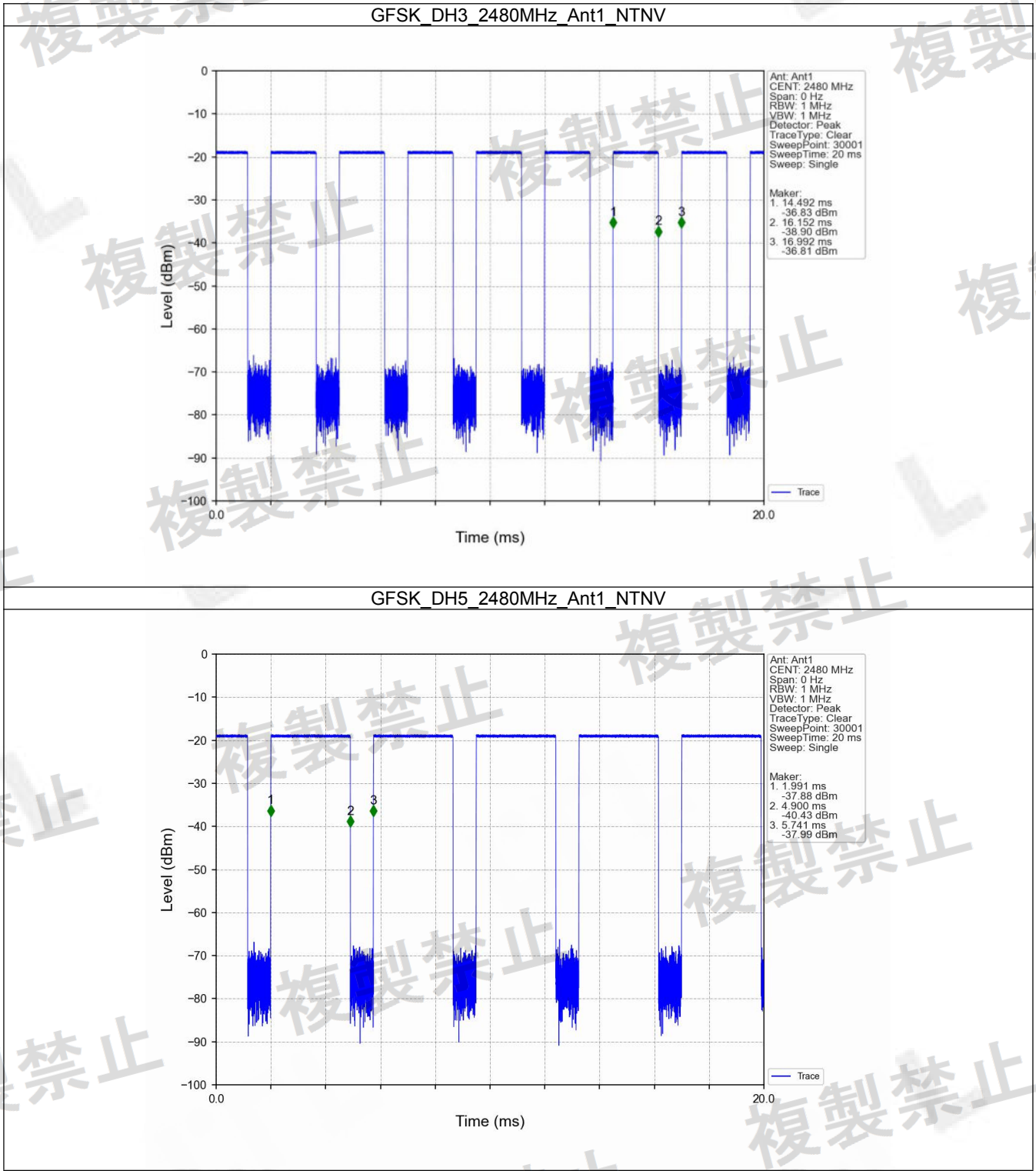
5.2.1 Ant1



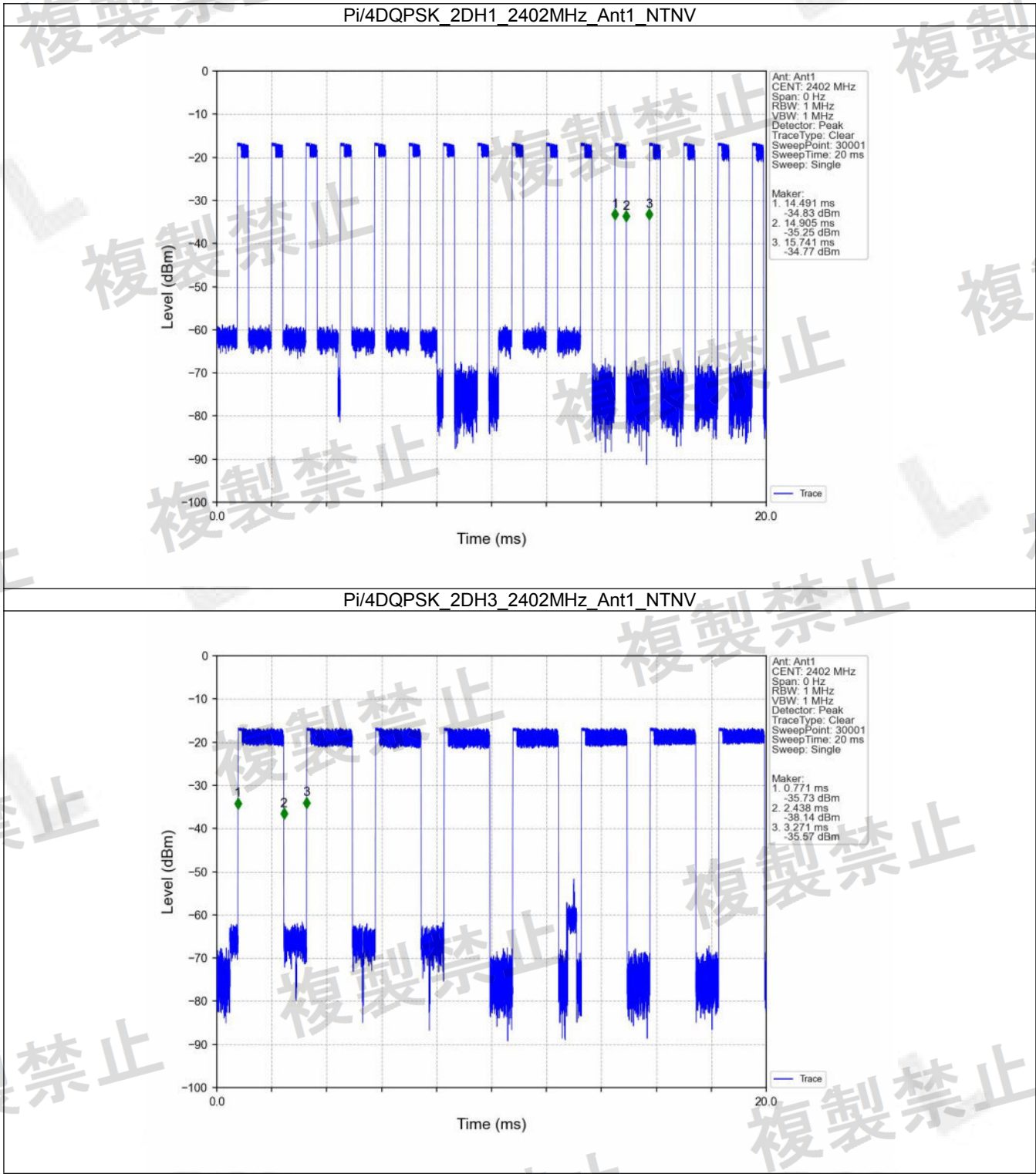
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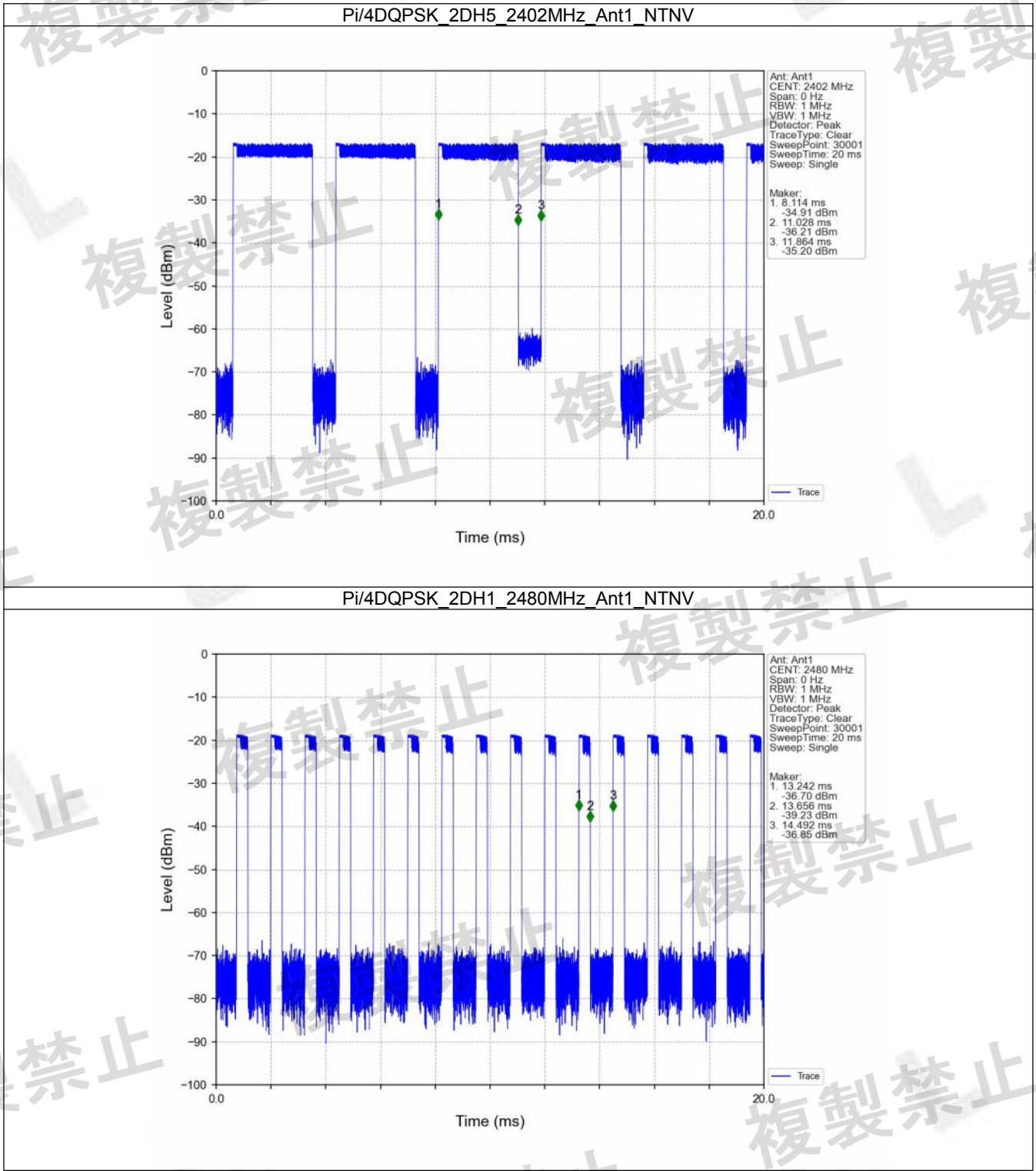
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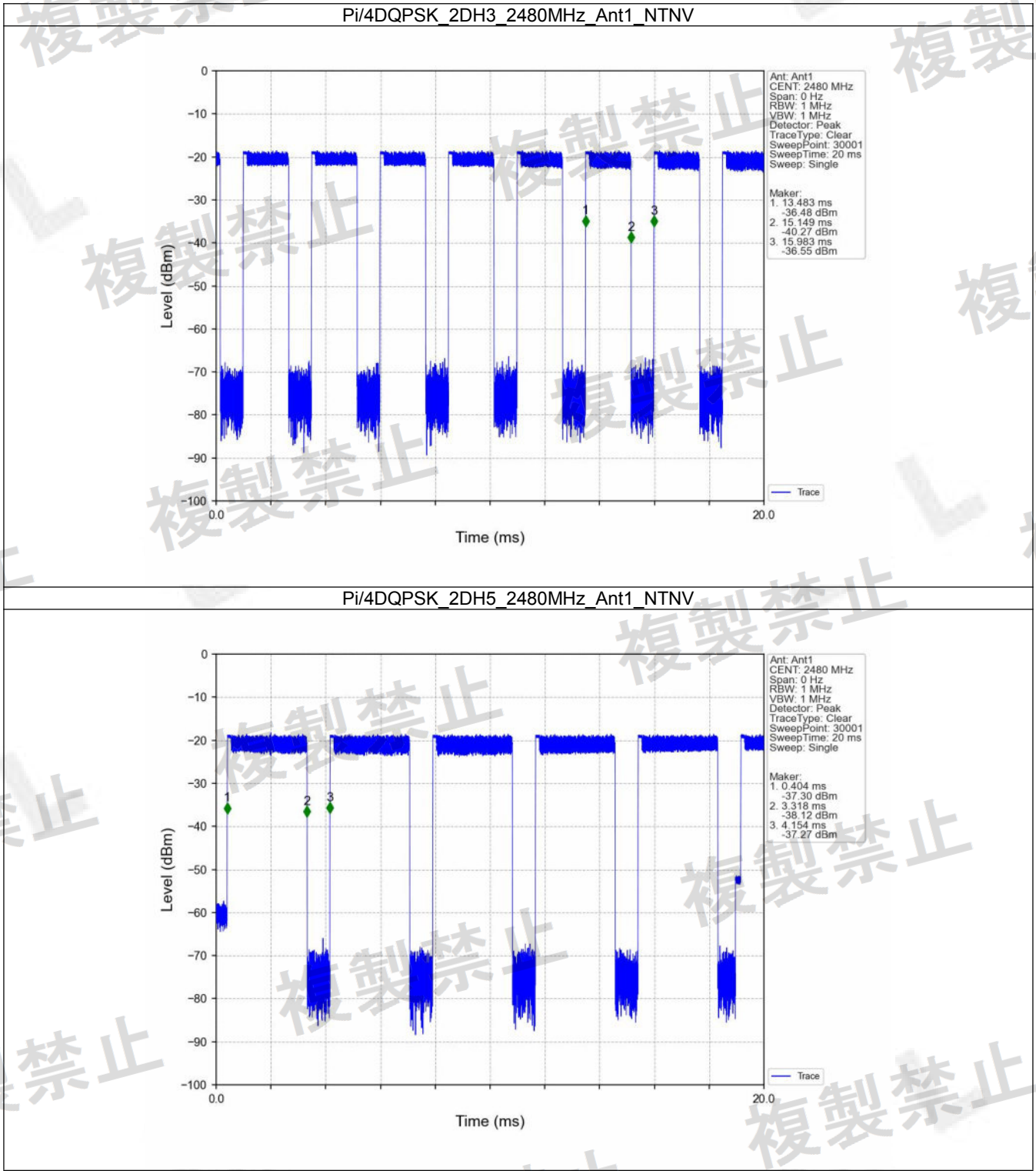
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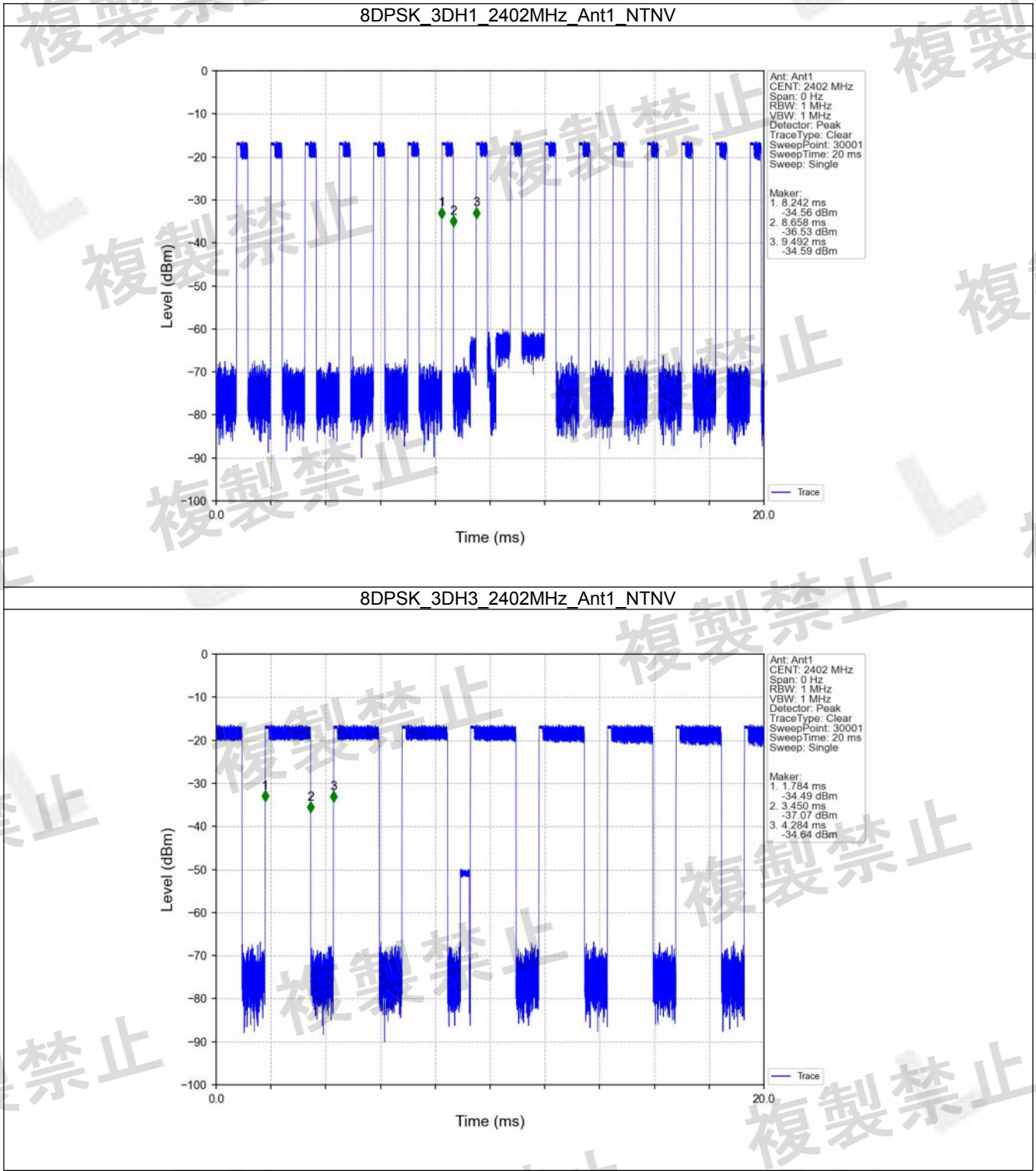
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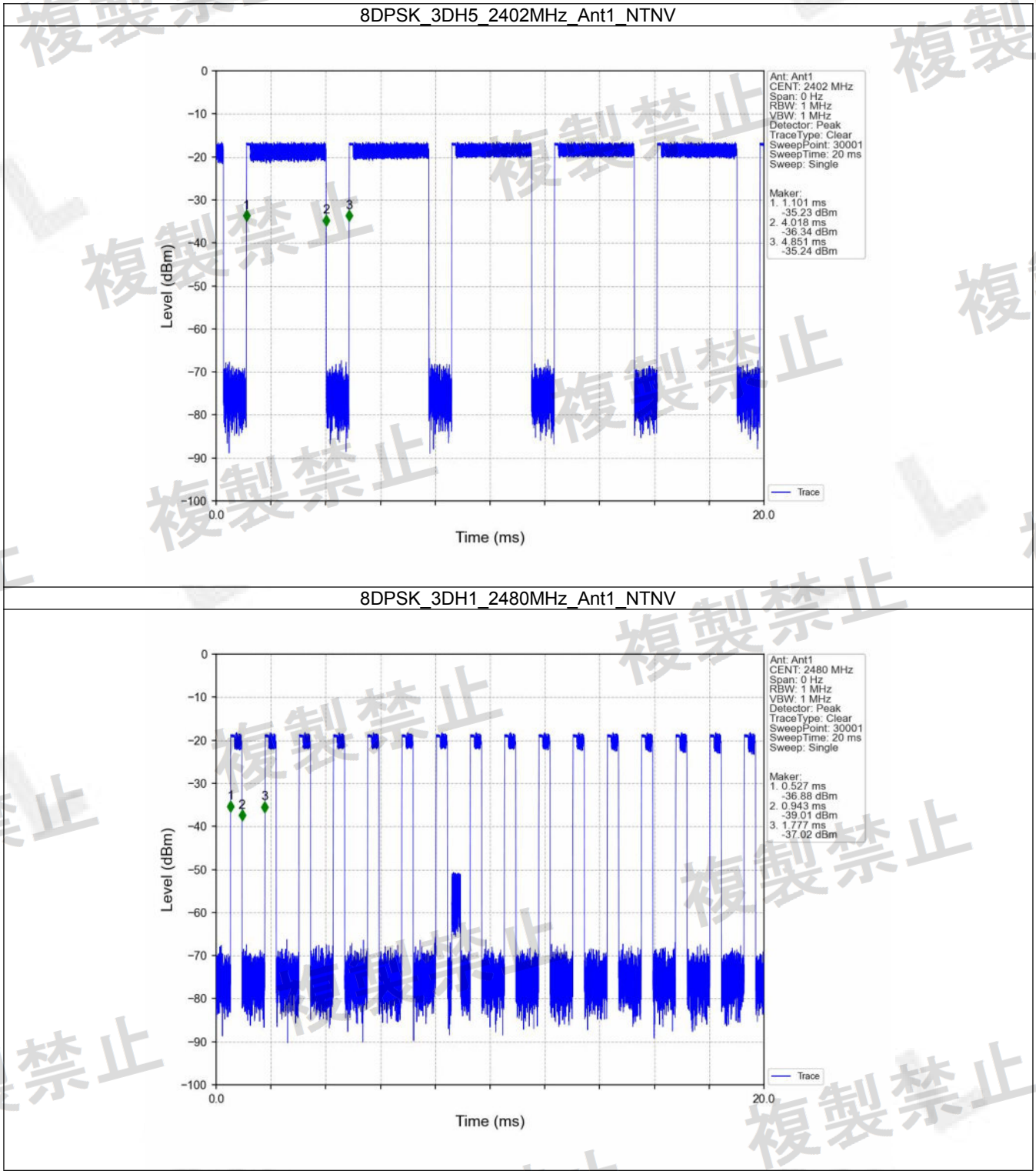
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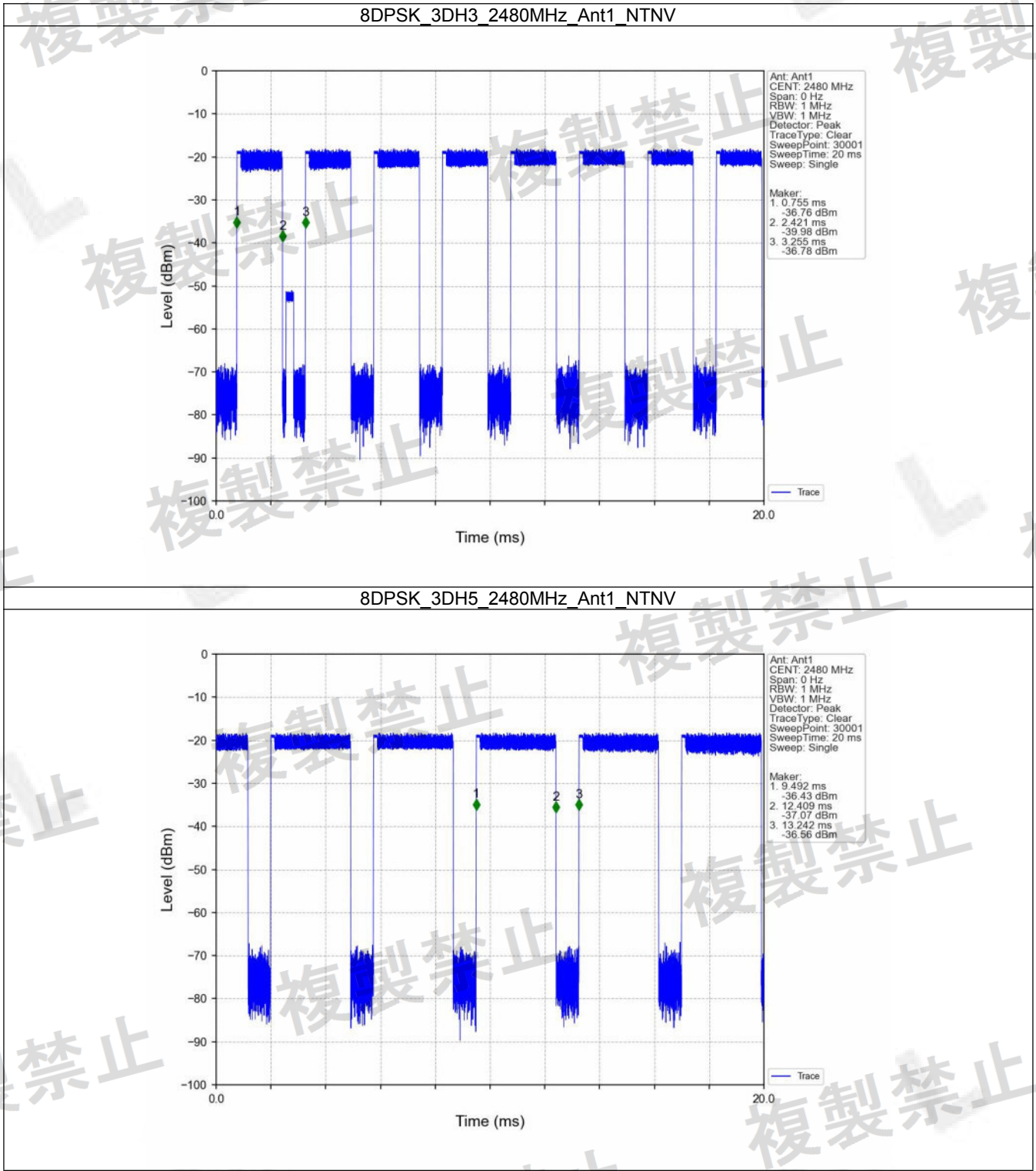
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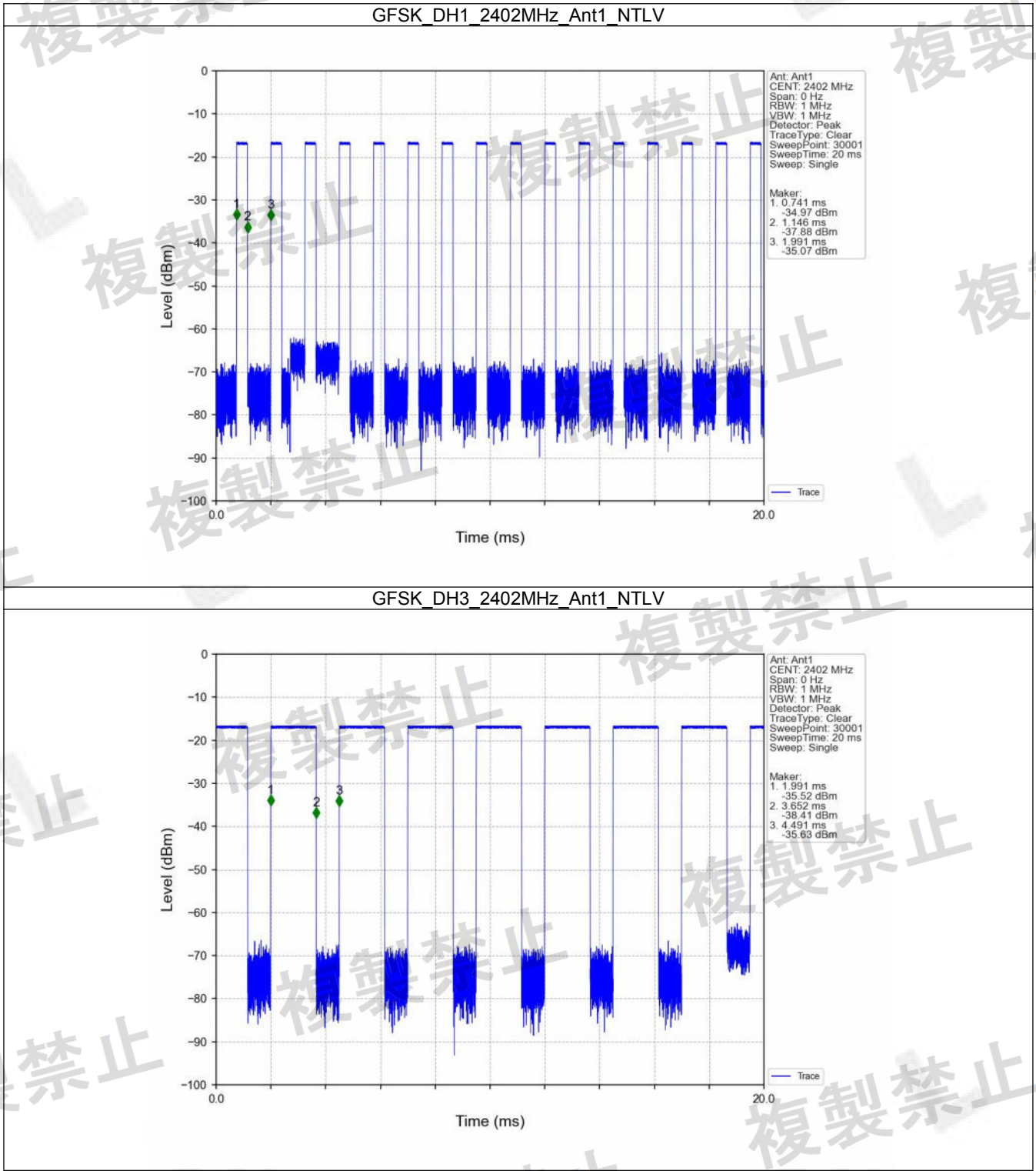
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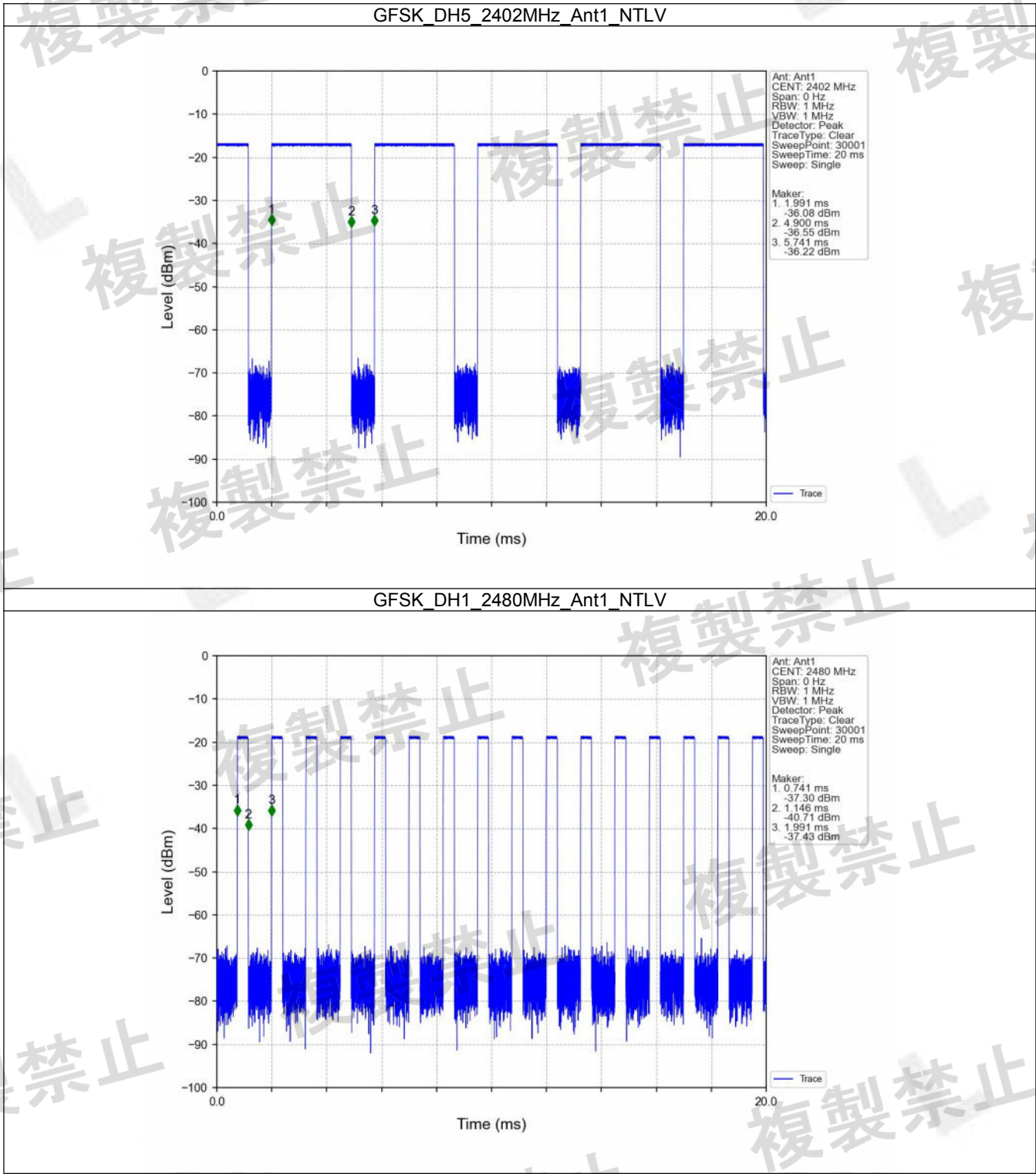
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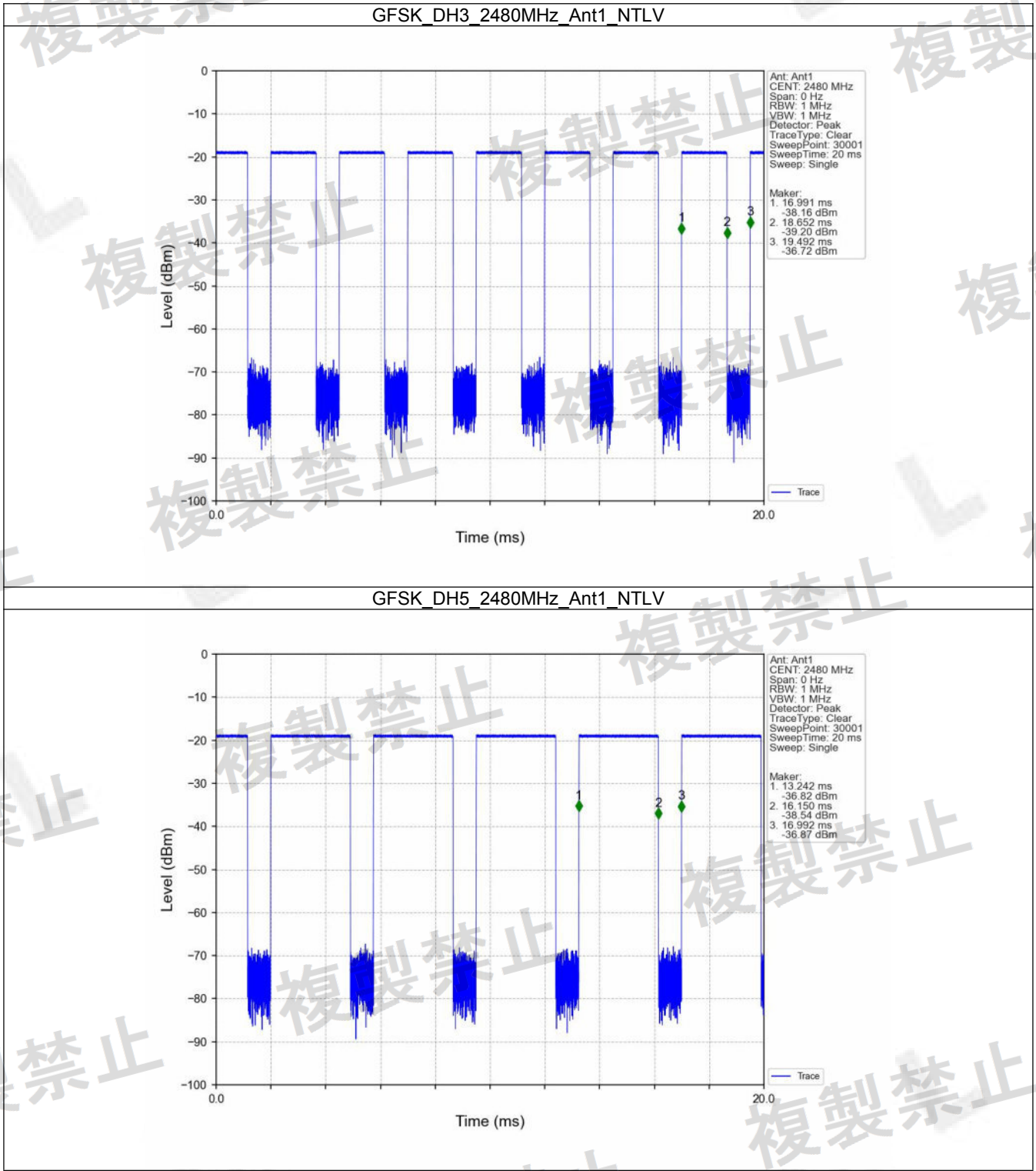
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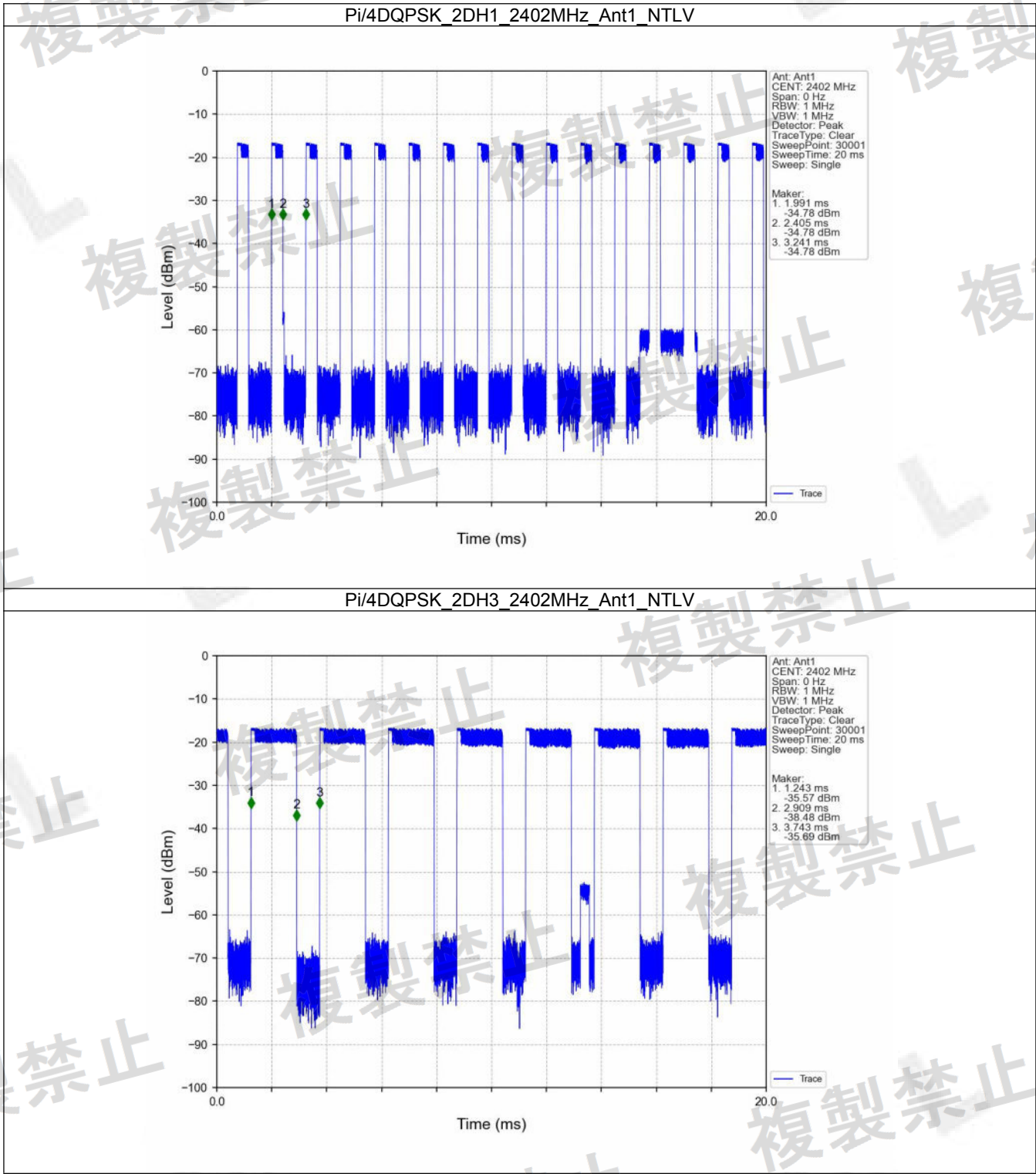
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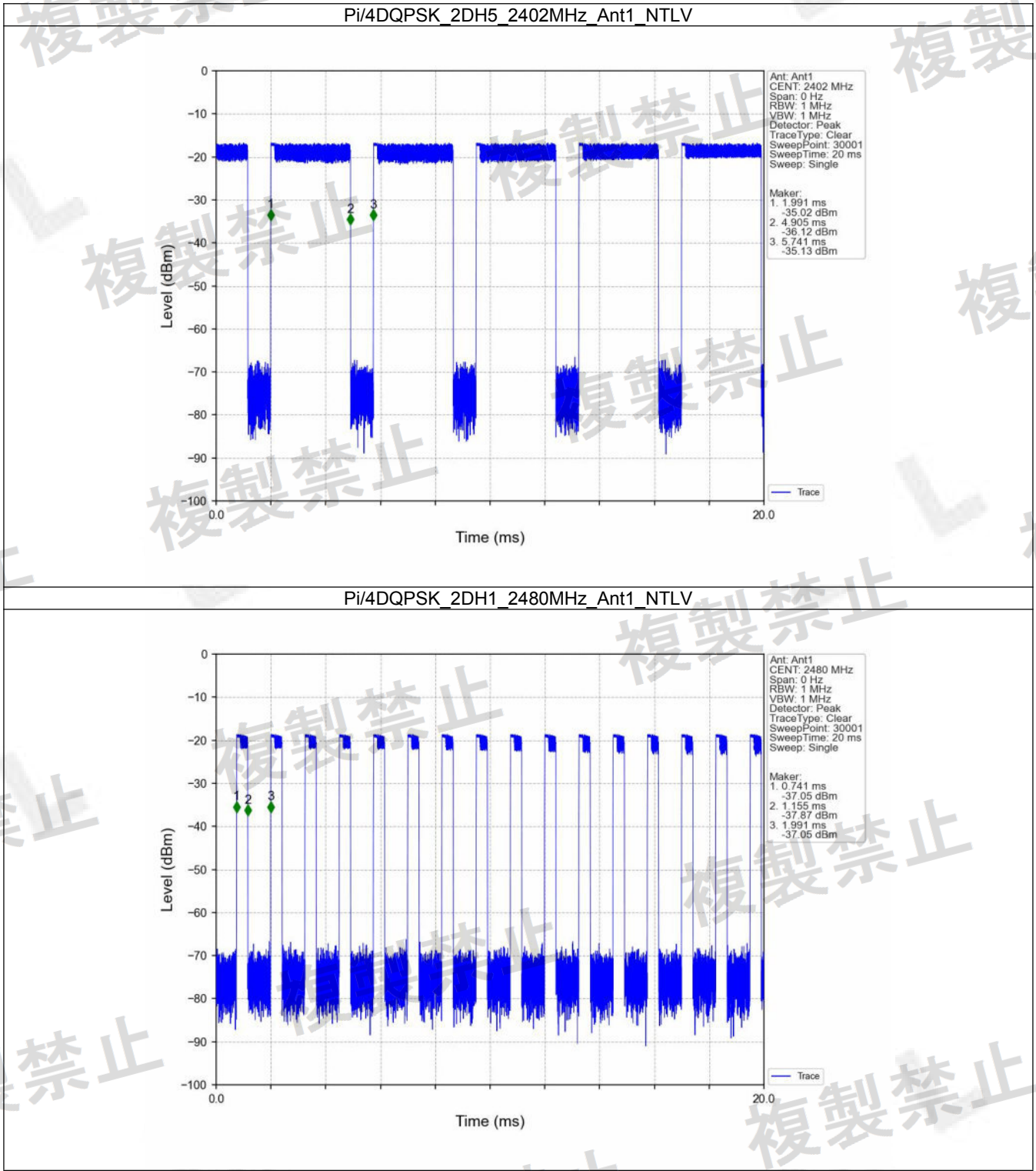
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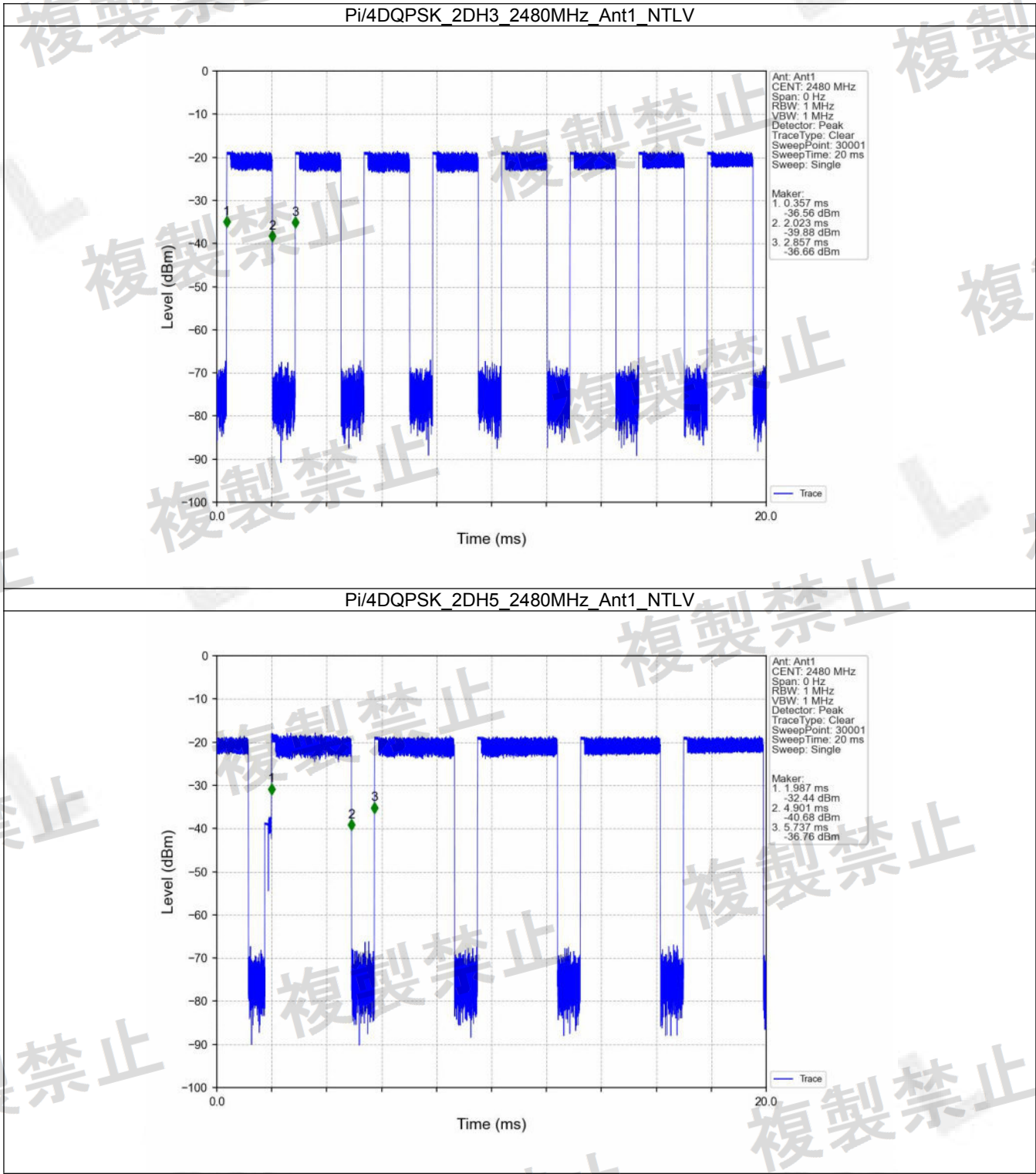
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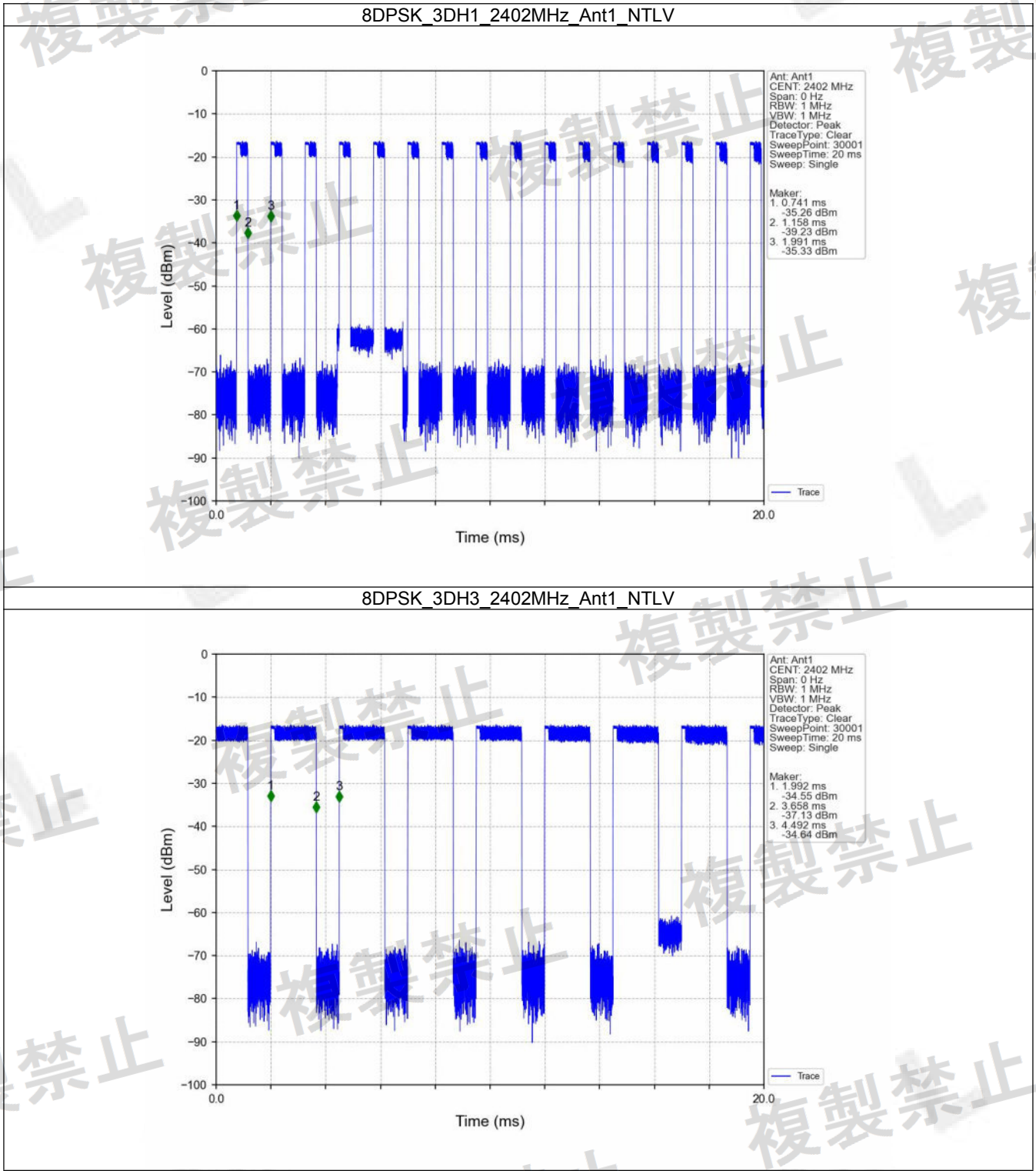
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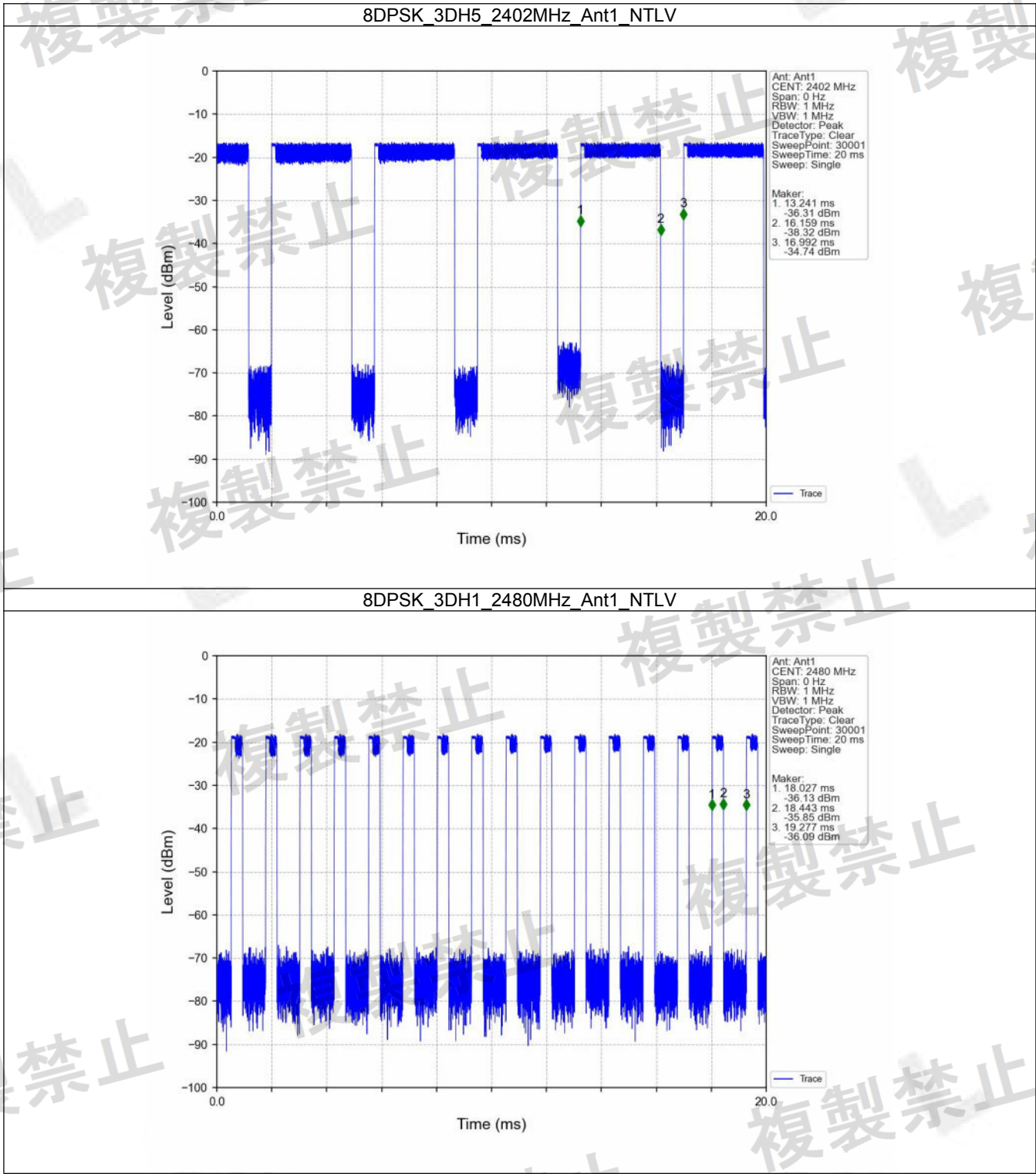
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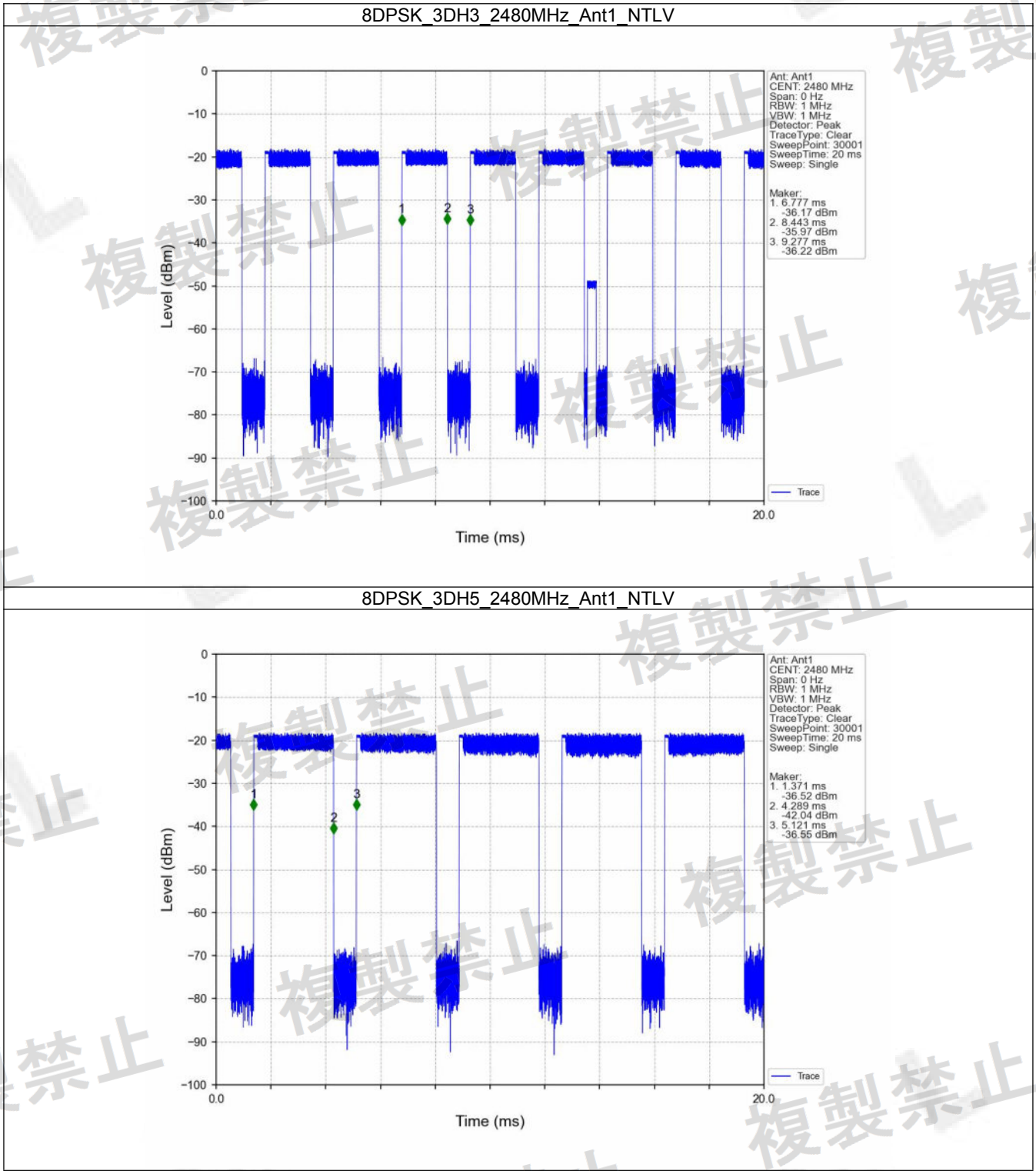
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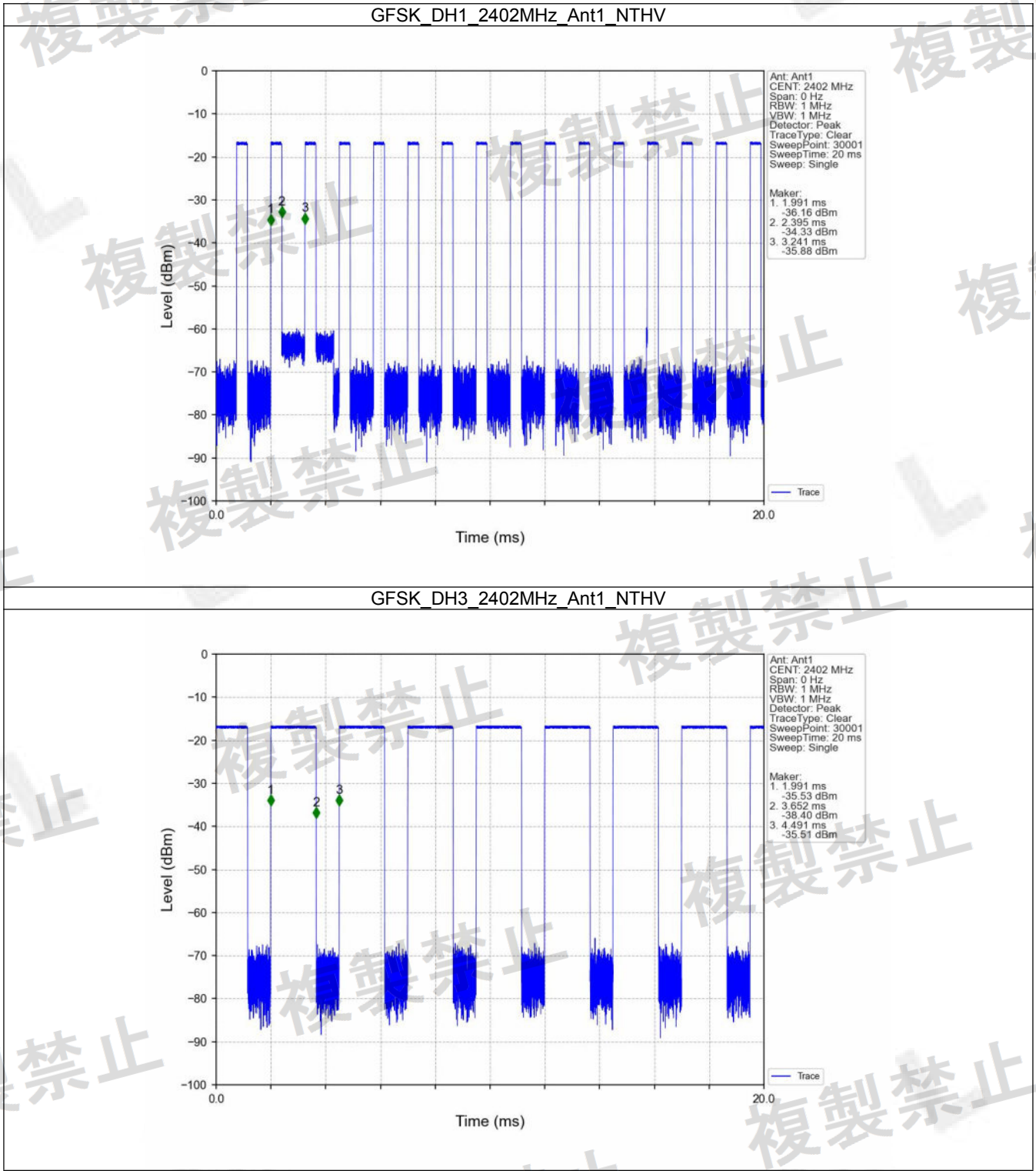
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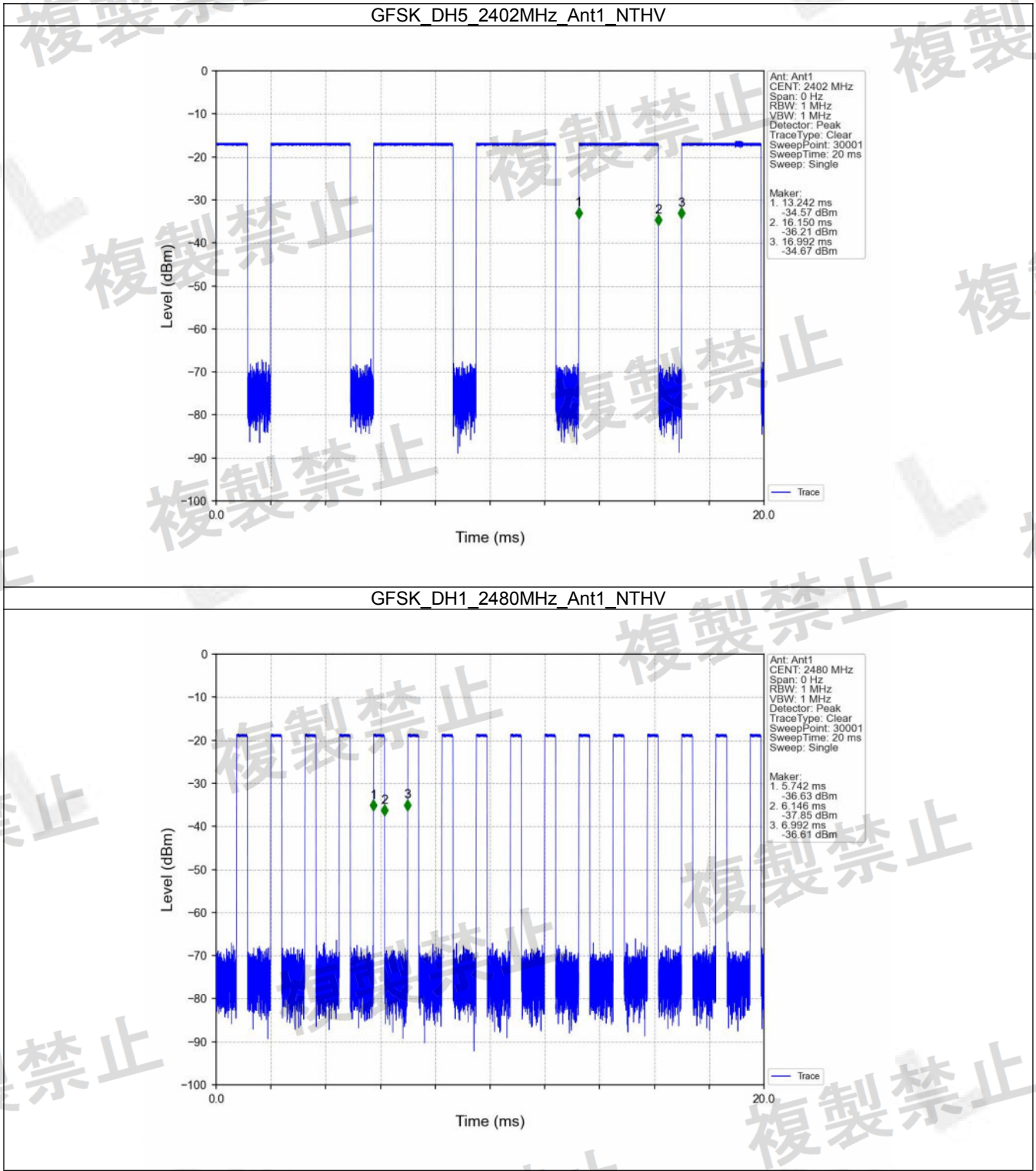
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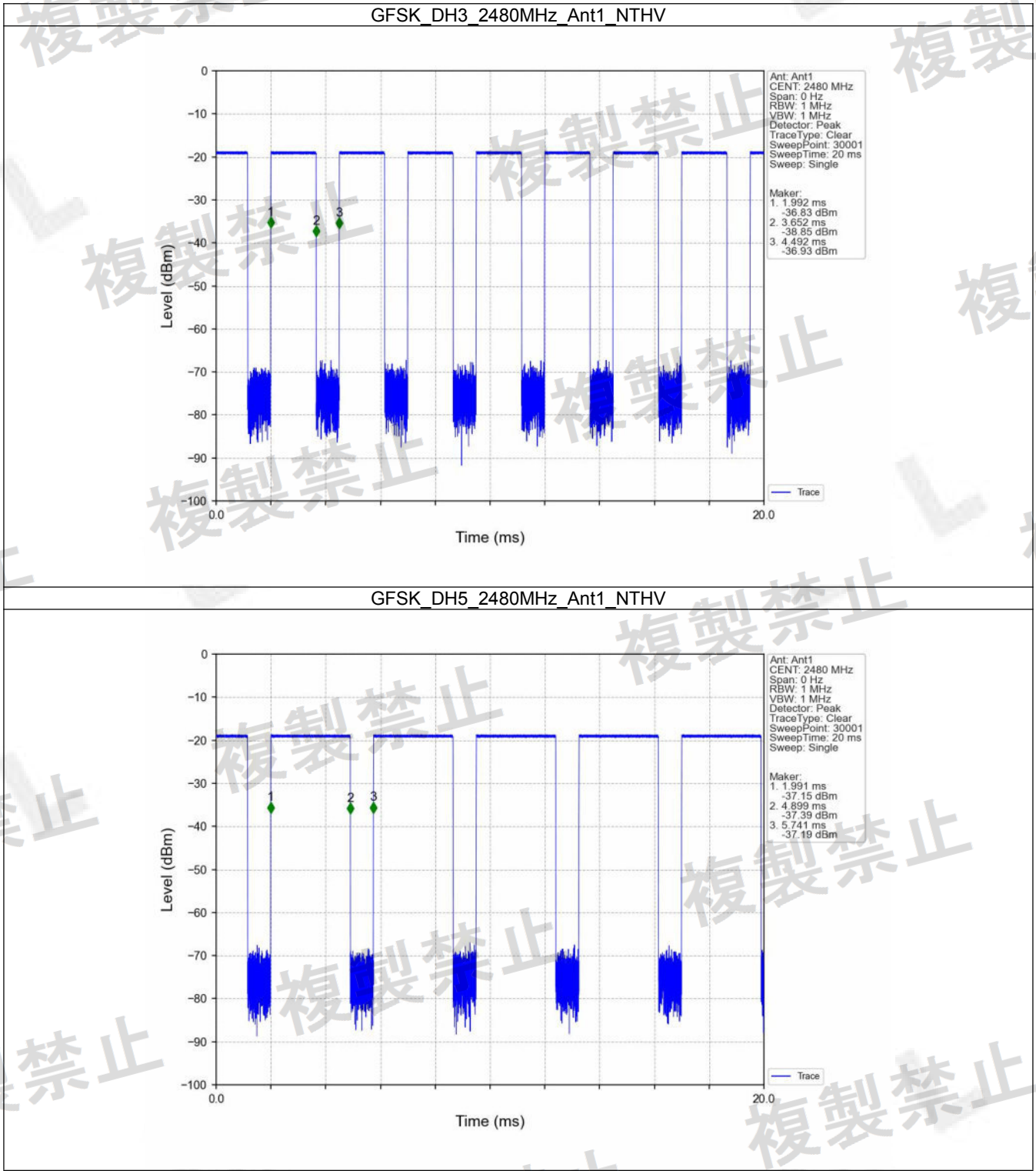
MIC: 219-269050



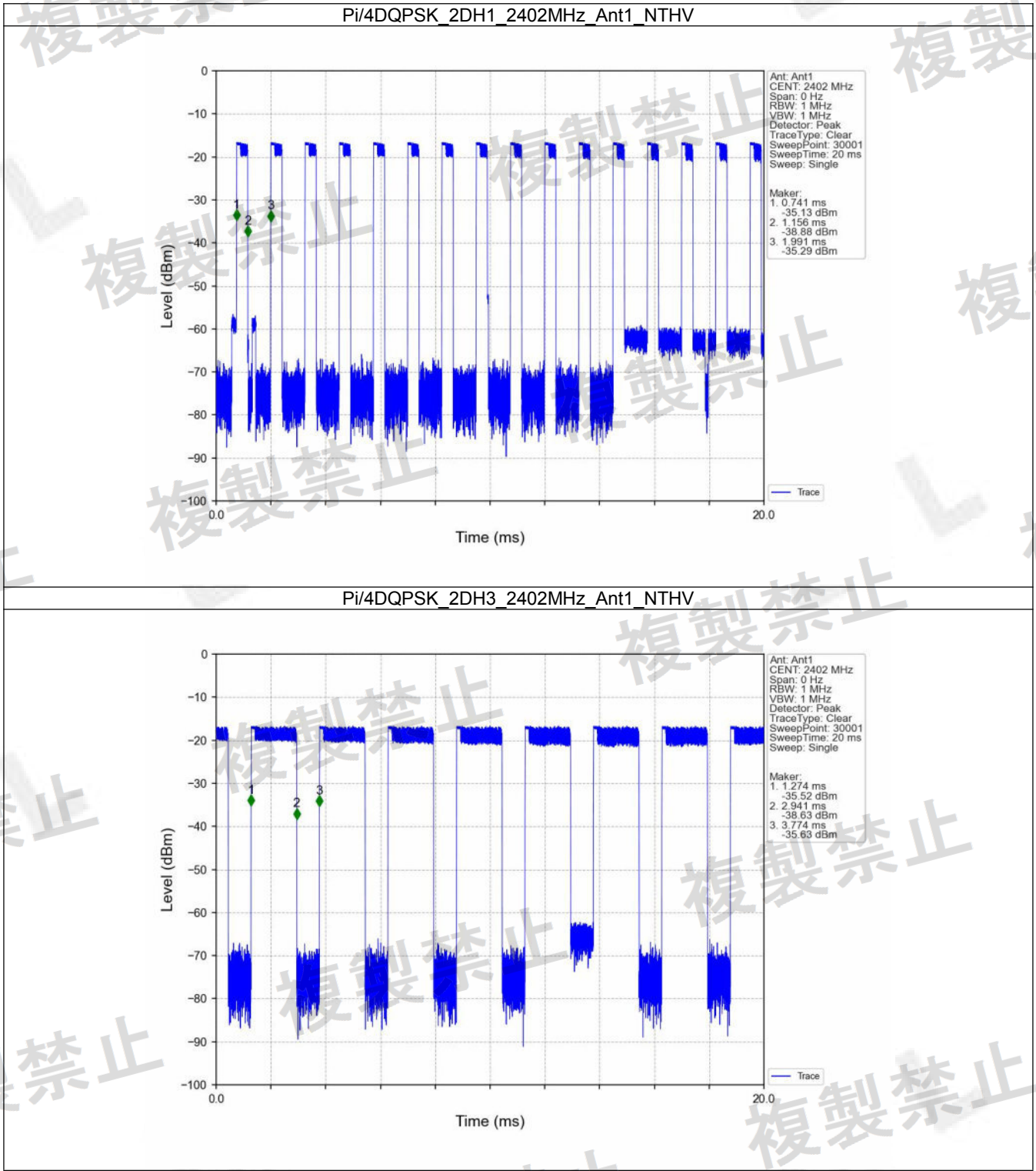
MIC: 219-269050



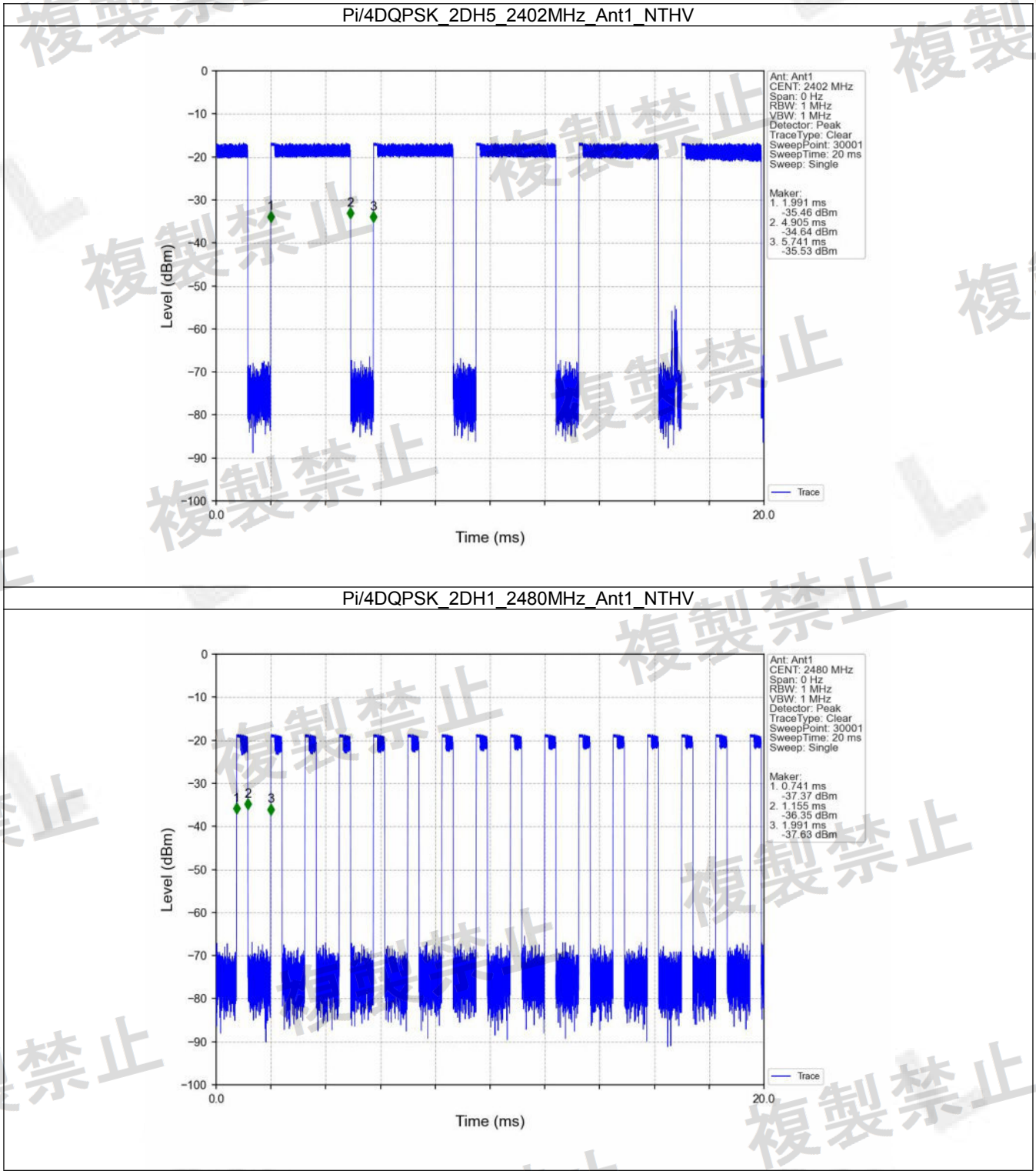
MIC: 219-269050



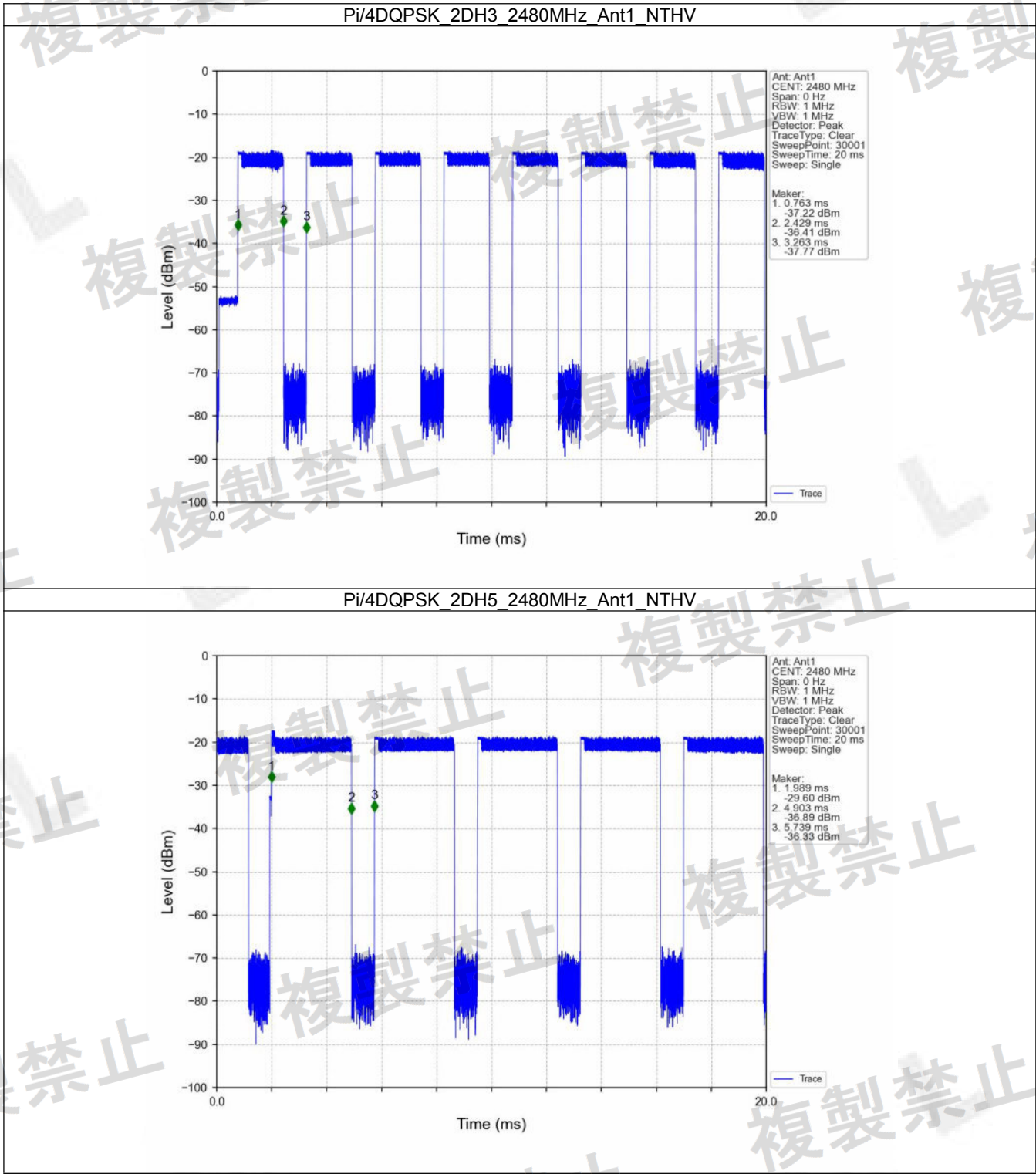
MIC: 219-269050



MIC: 219-269050

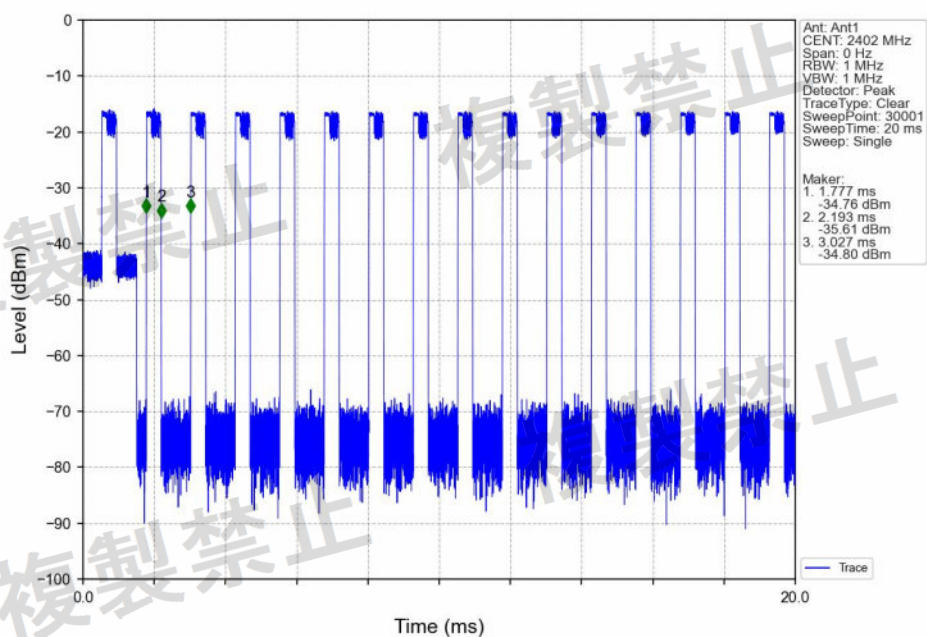


MIC: 219-269050

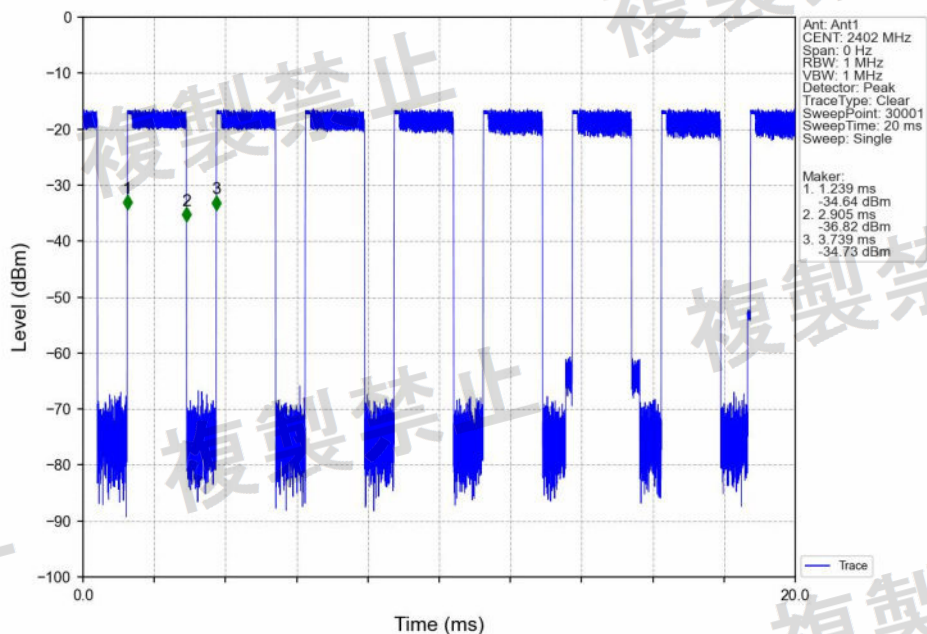


MIC: 219-269050

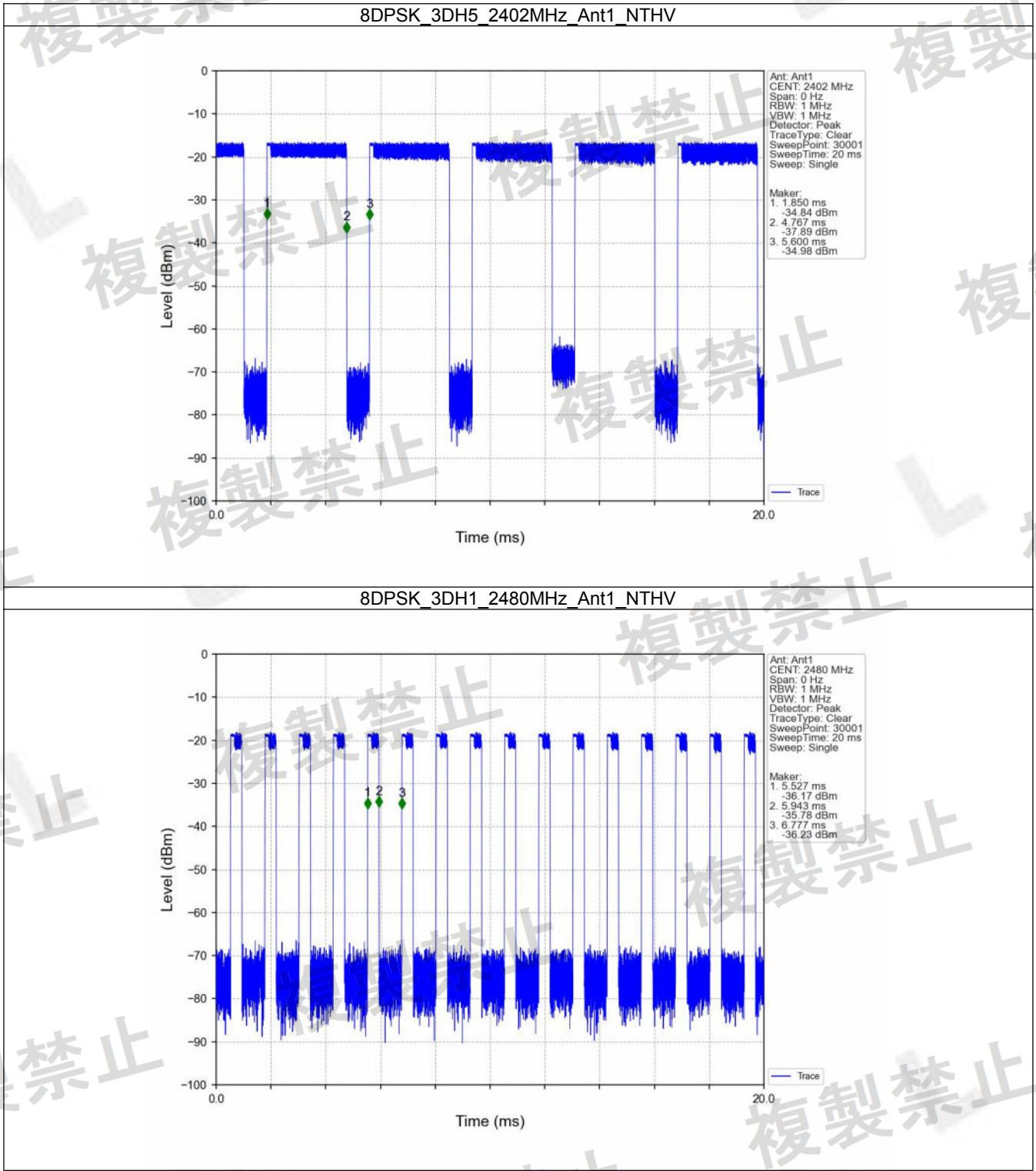
8DPSK_3DH1_2402MHz_Ant1_NTHV



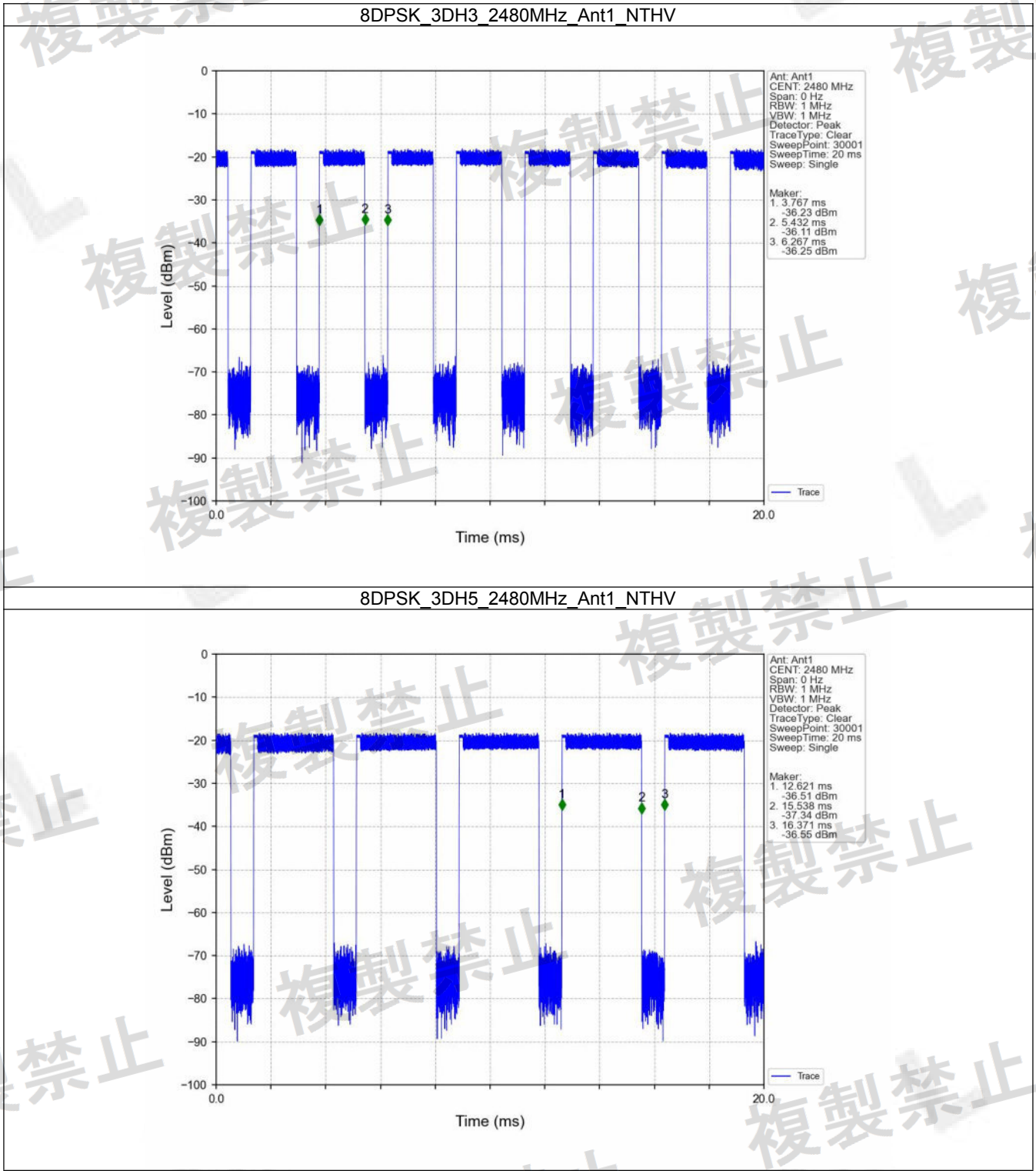
8DPSK_3DH3_2402MHz_Ant1_NTHV



MIC: 219-269050



MIC: 219-269050



MIC: 219-269050

6. Spurious Emission Intensity

6.1 Test Result

6.1.1 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)		
GFSK	SISO	2402	1	30	2387	2191.5	-62.38	0.001	/	/	2.5	Pass
				2387	2400	2399.987	-53.39	0.005	/	/	25	Pass
				2483.5	2496.5	2494.693	-64.84	0.000	/	/	25	Pass
				2496.5	12500	4804.5	-40.08	0.098	/	/	2.5	Pass
		2480	1	30	2387	2188.5	-61.30	0.001	/	/	2.5	Pass
				2387	2400	2396.932	-61.95	0.001	/	/	25	Pass
				2483.5	2496.5	2492.977	-53.06	0.005	/	/	25	Pass
				2496.5	12500	4961	-44.58	0.035	/	/	2.5	Pass
Pi/4DQPSK	SISO	2402	1	30	2387	705.5	-53.00	0.005	/	/	2.5	Pass
				2387	2400	2399.987	-47.17	0.019	/	/	25	Pass
				2483.5	2496.5	2485.528	-55.10	0.003	/	/	25	Pass
				2496.5	12500	4805	-40.04	0.099	/	/	2.5	Pass
		2480	1	30	2387	2188	-62.57	0.001	/	/	2.5	Pass
				2387	2400	2397.608	-59.17	0.001	/	/	25	Pass
				2483.5	2496.5	2483.526	-61.14	0.001	/	/	25	Pass
				2496.5	12500	4961	-45.15	0.031	/	/	2.5	Pass
8DPSK	SISO	2402	1	30	2387	2172	-61.78	0.001	/	/	2.5	Pass
				2387	2400	2399.974	-47.26	0.019	/	/	25	Pass
				2483.5	2496.5	2487.4	-65.12	0.000	/	/	25	Pass
				2496.5	12500	4804.5	-40.23	0.095	/	/	2.5	Pass
		2480	1	30	2387	2256.5	-45.25	0.030	/	/	2.5	Pass
				2387	2400	2398.804	-60.52	0.001	/	/	25	Pass
				2483.5	2496.5	2483.578	-56.50	0.002	/	/	25	Pass
				2496.5	12500	4961	-44.72	0.034	/	/	2.5	Pass

6.1.2 TxSe_NTLV

NTLV												
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)		
GFSK	SISO	2402	1	30	2387	2220.5	-61.43	0.001	/	/	2.5	Pass
				2387	2400	2399.935	-54.60	0.003	/	/	25	Pass
				2483.5	2496.5	2489.74	-64.63	0.000	/	/	25	Pass
				2496.5	12500	4804.5	-39.97	0.101	/	/	2.5	Pass
		2480	1	30	2387	2175.5	-50.17	0.010	/	/	2.5	Pass
				2387	2400	2389.782	-50.10	0.010	/	/	25	Pass
				2483.5	2496.5	2491.131	-54.08	0.004	/	/	25	Pass
				2496.5	12500	4960.5	-44.40	0.036	/	/	2.5	Pass
Pi/4DQPSK	SISO	2402	1	30	2387	1923	-39.31	0.117	/	/	2.5	Pass

MIC: 219-269050

8DPSK	SISO	2480	1	2387	2400	2399.987	-47.46	0.018	/	/	25	Pass
				2483.5	2496.5	2496.214	-64.75	0.000	/	/	25	Pass
				2496.5	12500	4804	-40.02	0.100	/	/	2.5	Pass
				30	2387	2272	-47.47	0.018	/	/	2.5	Pass
				2387	2400	2399.272	-54.63	0.003	/	/	25	Pass
				2483.5	2496.5	2483.89	-61.07	0.001	/	/	25	Pass
		2402	1	2496.5	12500	4960	-44.80	0.033	/	/	2.5	Pass
				30	2387	893.5	-49.21	0.012	/	/	2.5	Pass
				2387	2400	2399.987	-47.16	0.019	/	/	25	Pass
				2483.5	2496.5	2493.302	-64.41	0.000	/	/	25	Pass
				2496.5	12500	4804.5	-40.22	0.095	/	/	2.5	Pass
				30	2387	898	-34.85	0.327	/	/	2.5	Pass
8DPSK	SISO	2480	1	2387	2400	2399.22	-61.67	0.001	/	/	25	Pass
				2483.5	2496.5	2483.877	-54.07	0.004	/	/	25	Pass
				2496.5	12500	4960.5	-44.49	0.036	/	/	2.5	Pass

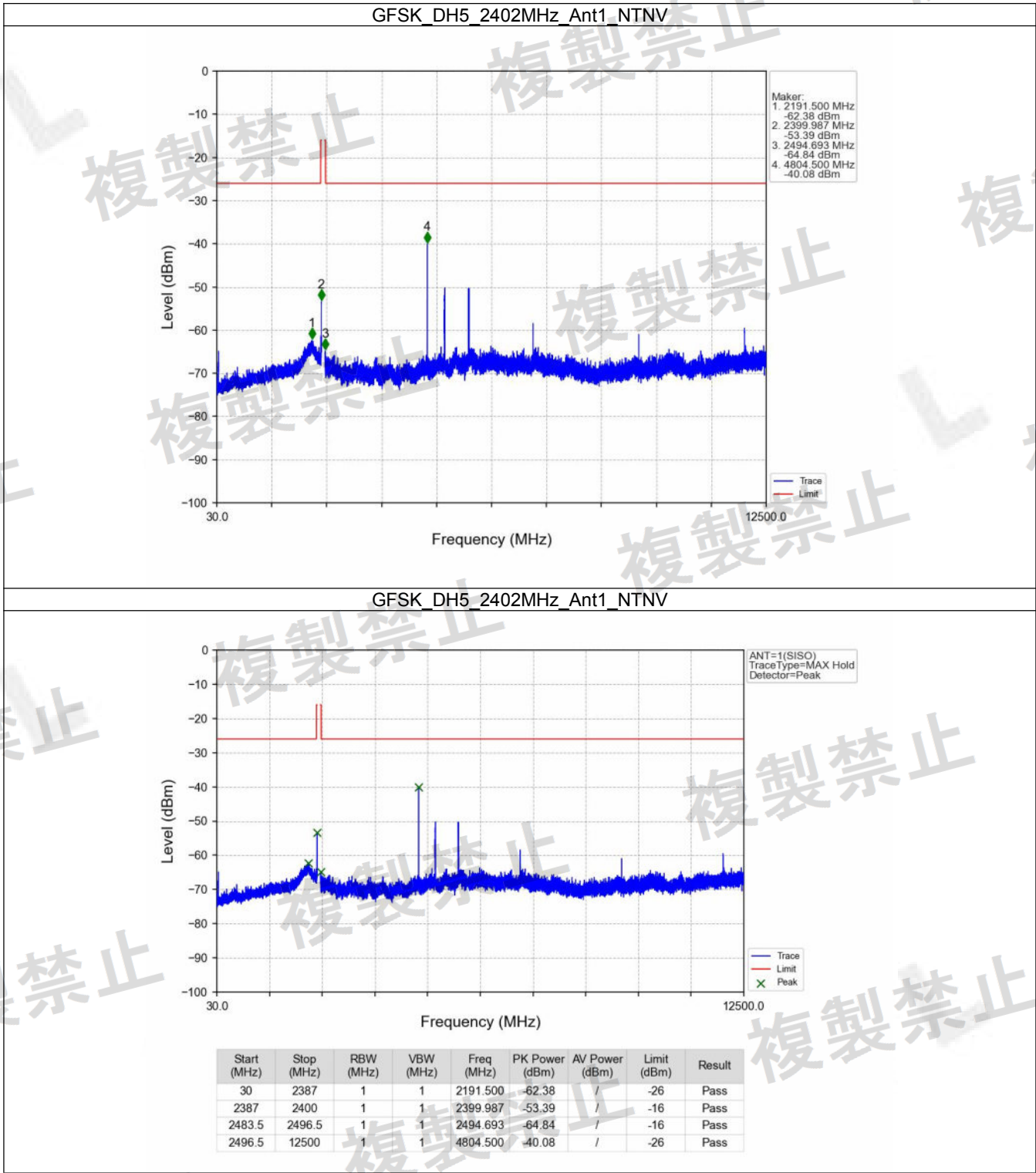
6.1.3 TxSe_NTHV

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)		
GFSK	SISO	2402	1	30	2387	2211.5	-62.41	0.001	/	/	2.5	Pass
				2387	2400	2399.987	-55.61	0.003	/	/	25	Pass
				2483.5	2496.5	2495.434	-64.86	0.000	/	/	25	Pass
				2496.5	12500	4805	-40.27	0.094	/	/	2.5	Pass
		2480	1	30	2387	2168	-61.10	0.001	/	/	2.5	Pass
				2387	2400	2399.623	-61.69	0.001	/	/	25	Pass
				2483.5	2496.5	2484.956	-64.55	0.000	/	/	25	Pass
				2496.5	12500	4960	-44.46	0.036	/	/	2.5	Pass
PI/4DQPSK	SISO	2402	1	30	2387	2182	-62.02	0.001	/	/	2.5	Pass
				2387	2400	2399.987	-47.82	0.017	/	/	25	Pass
				2483.5	2496.5	2486.932	-64.97	0.000	/	/	25	Pass
				2496.5	12500	4805	-40.09	0.098	/	/	2.5	Pass
		2480	1	30	2387	2188.5	-61.75	0.001	/	/	2.5	Pass
				2387	2400	2396.763	-56.36	0.002	/	/	25	Pass
				2483.5	2496.5	2483.539	-60.24	0.001	/	/	25	Pass
				2496.5	12500	4961	-44.48	0.036	/	/	2.5	Pass
8DPSK	SISO	2402	1	30	2387	723	-37.10	0.195	/	/	2.5	Pass
				2387	2400	2399.961	-47.12	0.019	/	/	25	Pass
				2483.5	2496.5	2492.912	-64.38	0.000	/	/	25	Pass
				2496.5	12500	4805	-39.69	0.107	/	/	2.5	Pass
		2480	1	30	2387	710.5	-50.59	0.009	/	/	2.5	Pass
				2387	2400	2397.725	-62.15	0.001	/	/	25	Pass
				2483.5	2496.5	2489.311	-54.81	0.003	/	/	25	Pass
				2496.5	12500	4960.5	-44.76	0.033	/	/	2.5	Pass

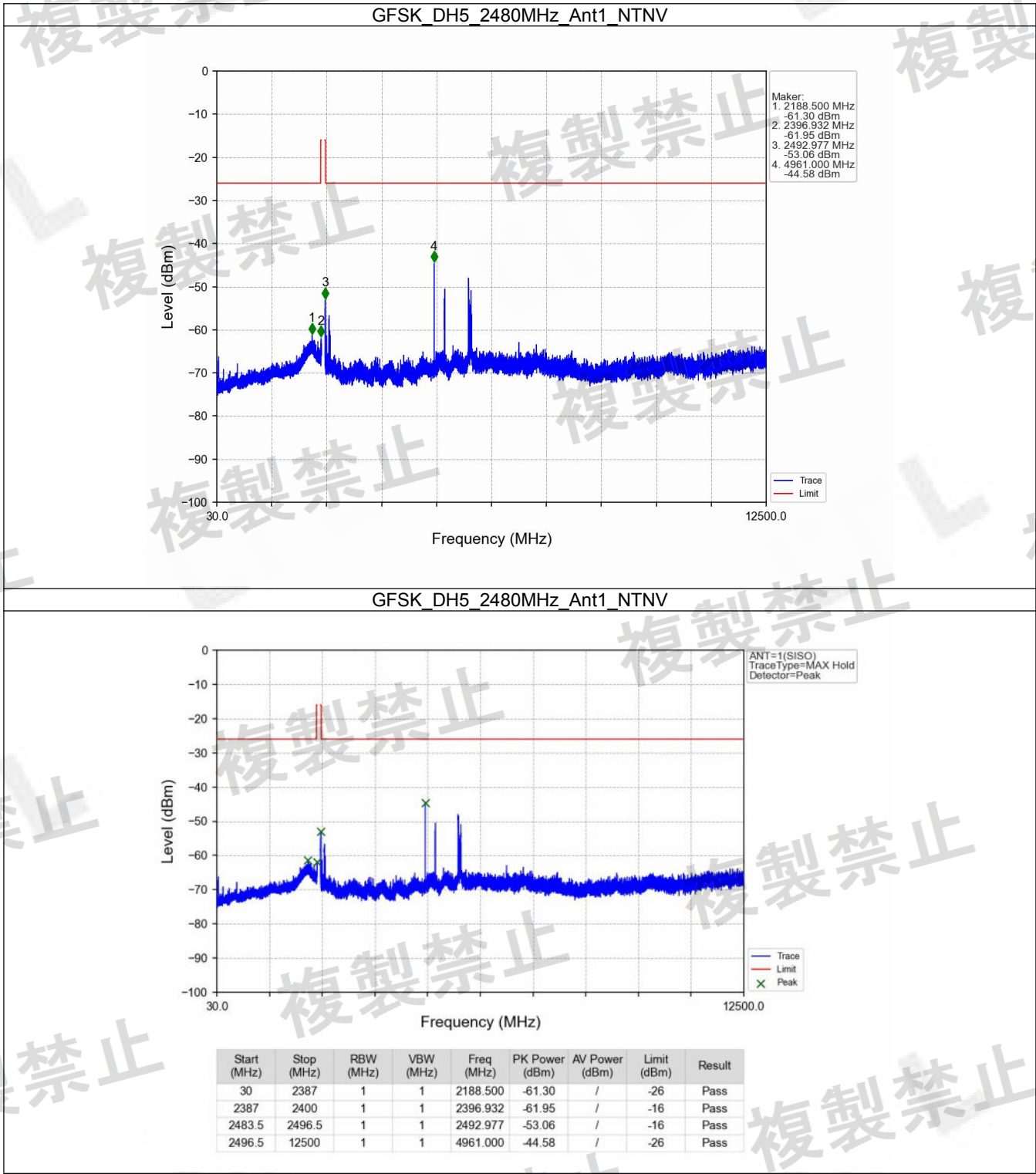
MIC: 219-269050

6.2 Test Graph

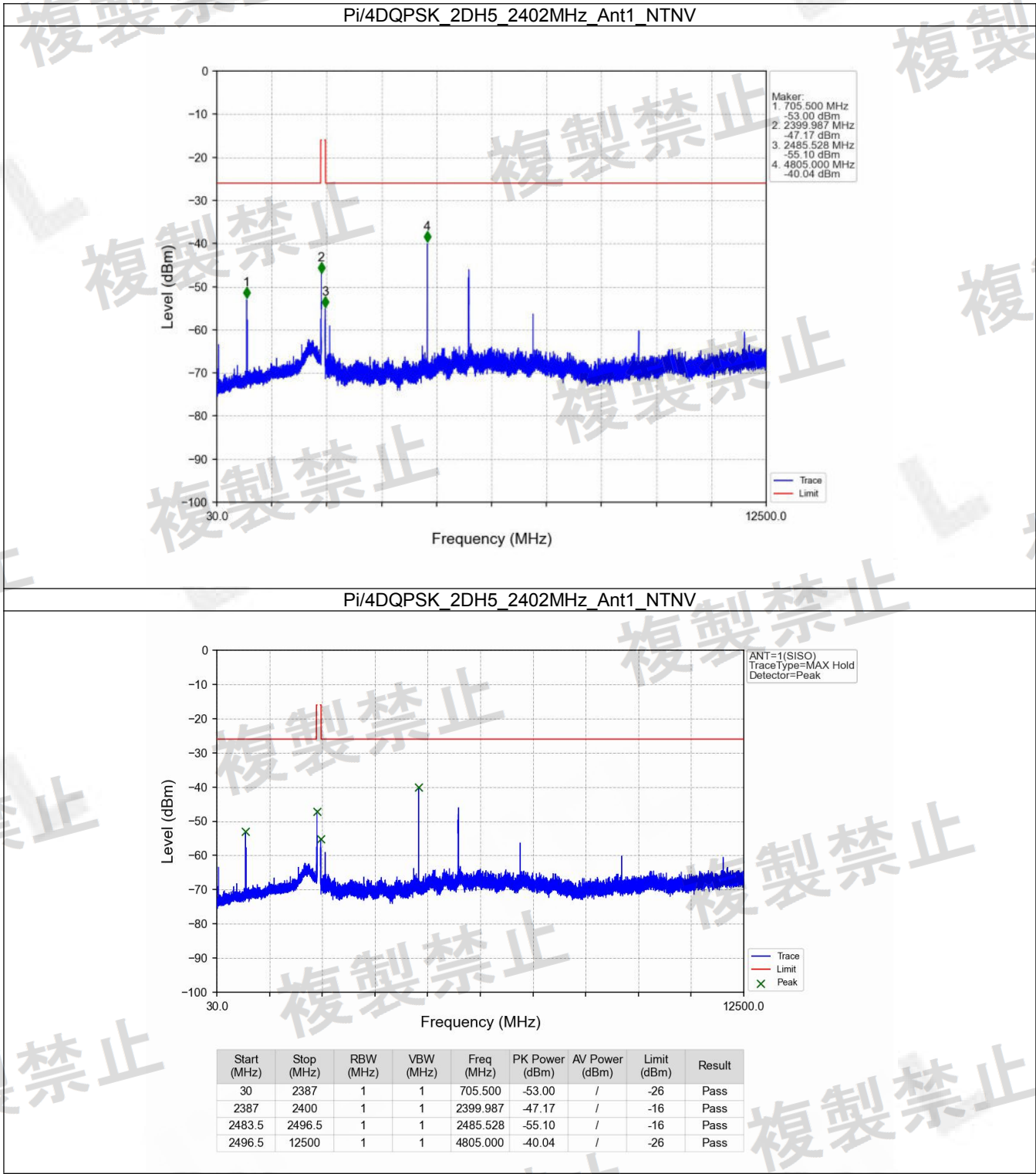
6.2.1 TxSe_NTNV



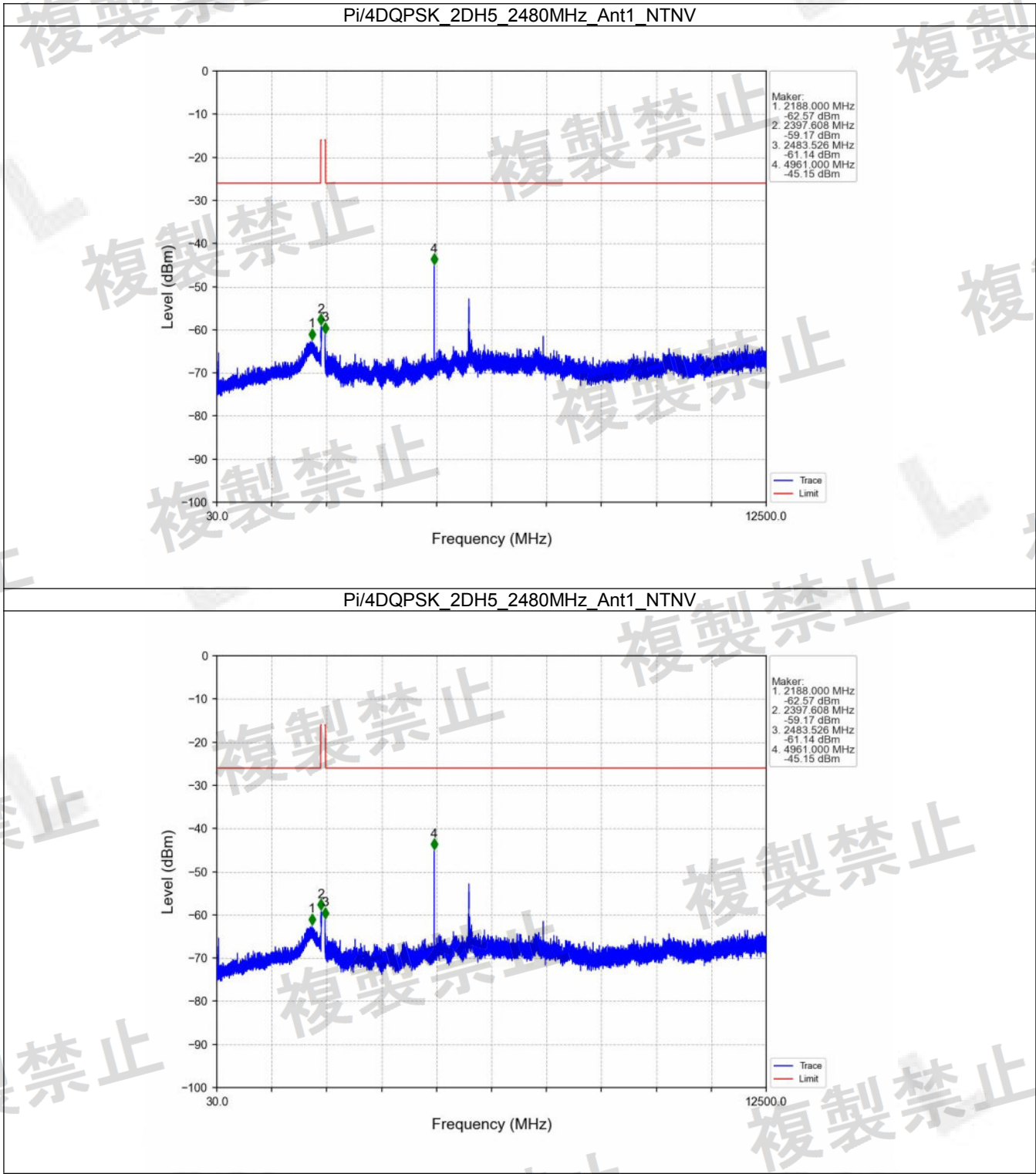
MIC: 219-269050



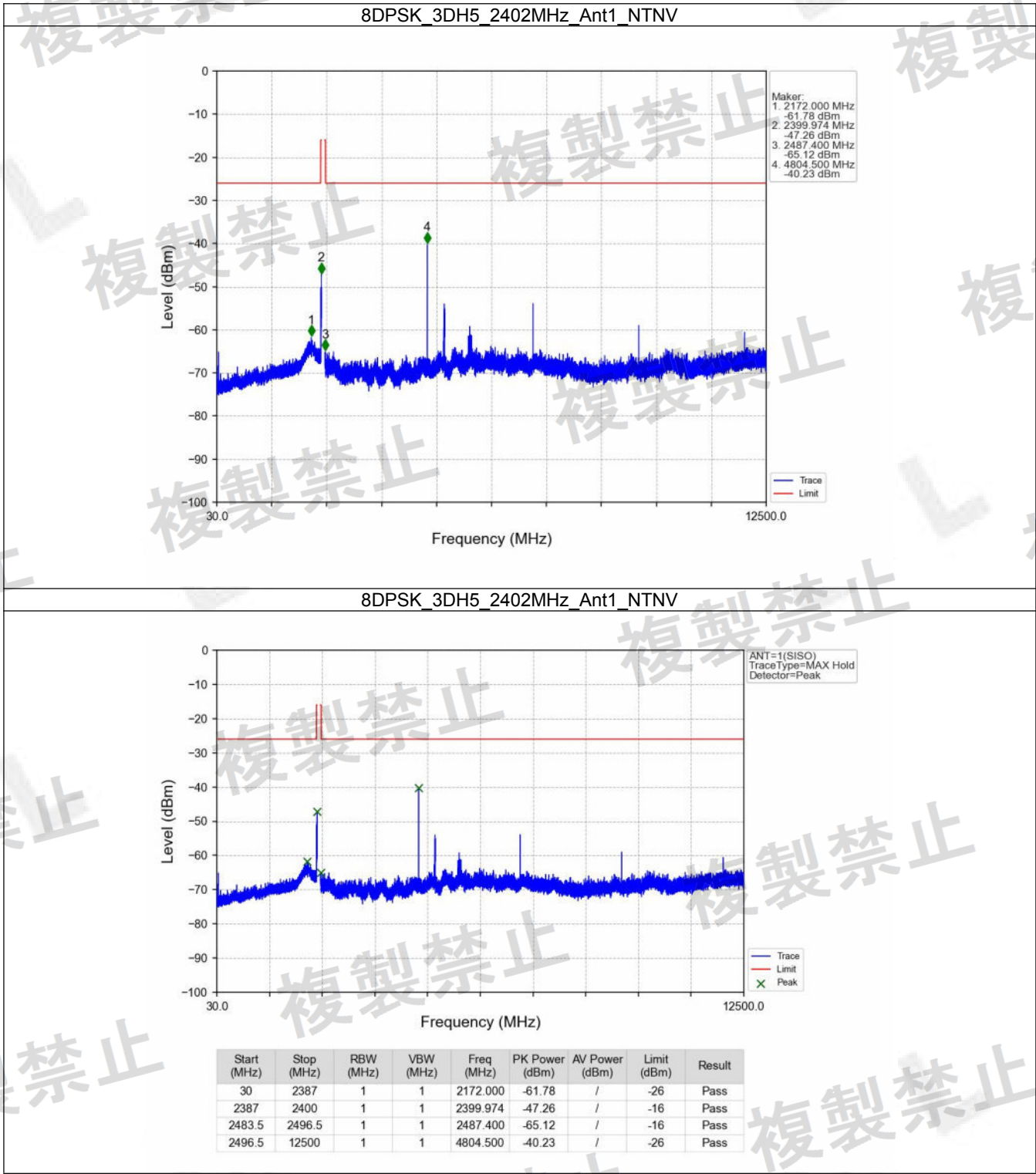
MIC: 219-269050



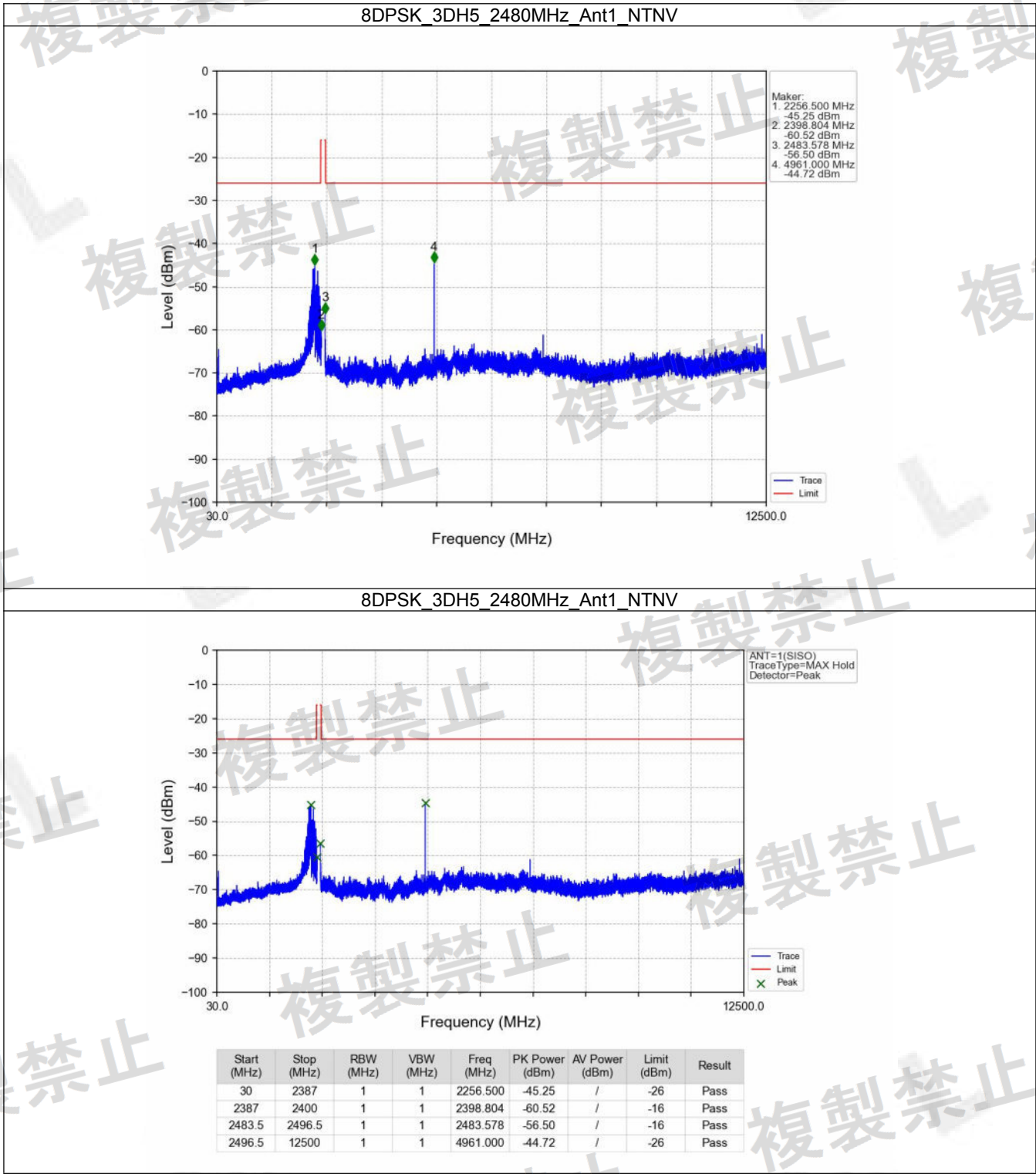
MIC: 219-269050



MIC: 219-269050

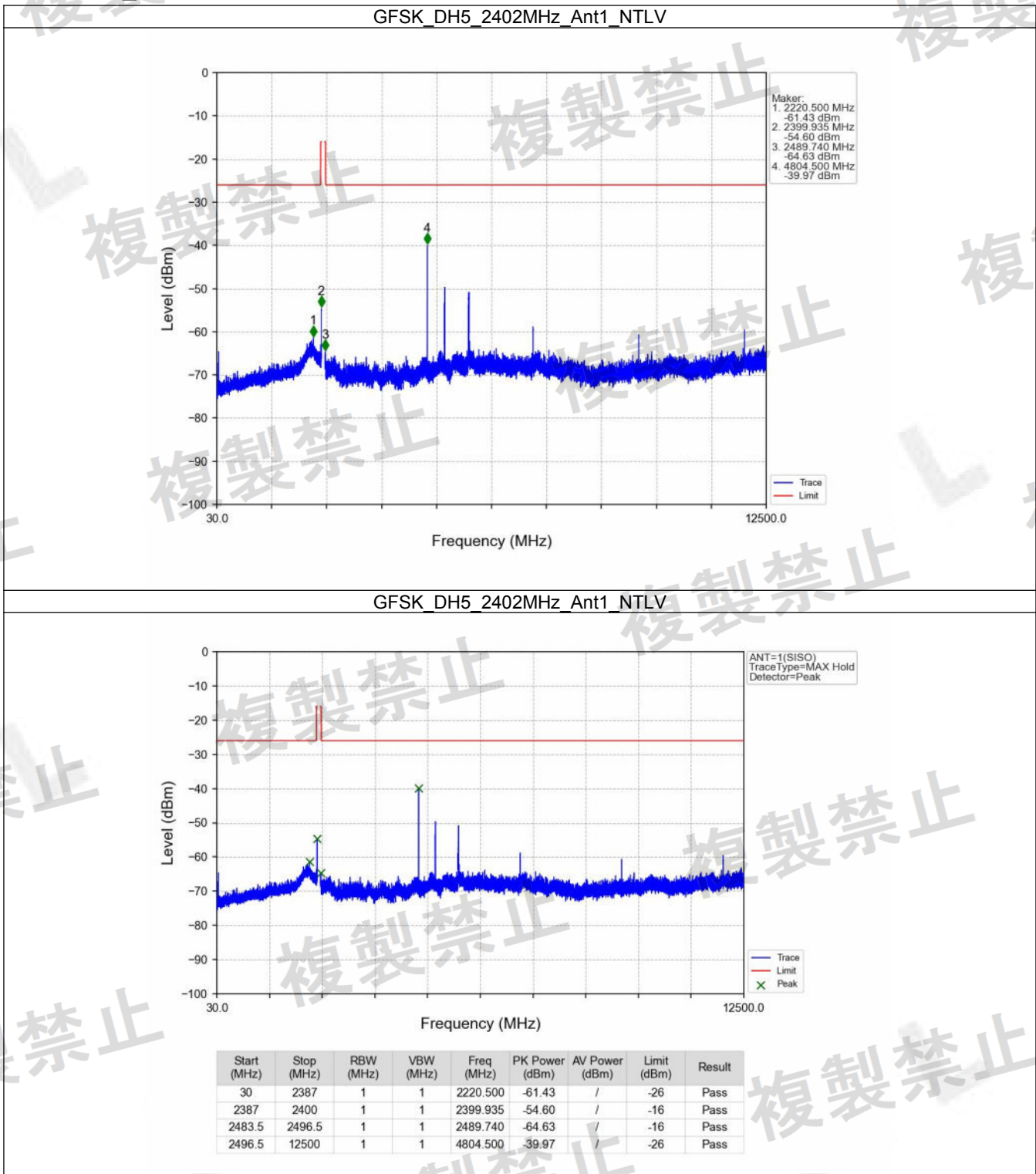


MIC: 219-269050

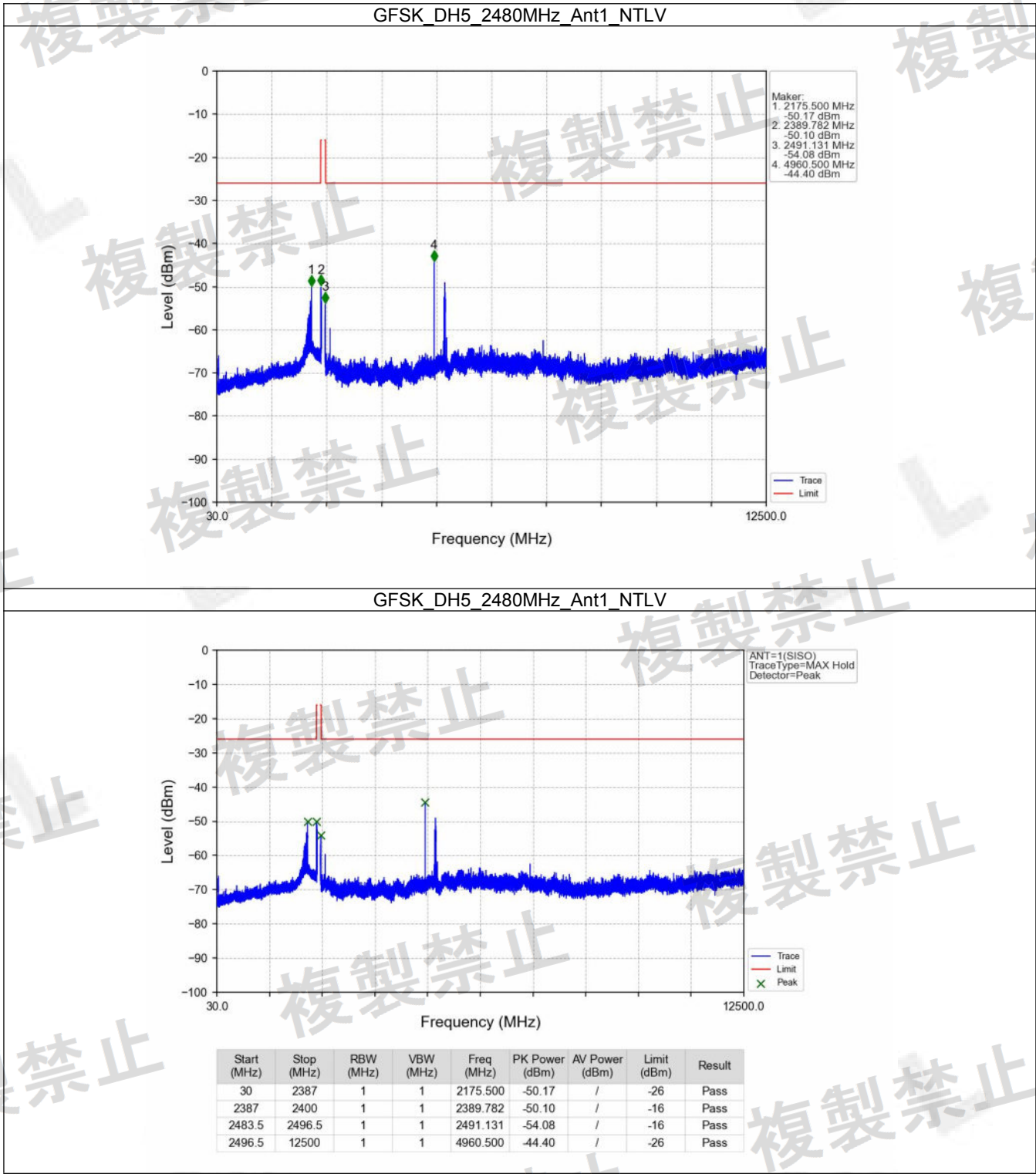


MIC: 219-269050

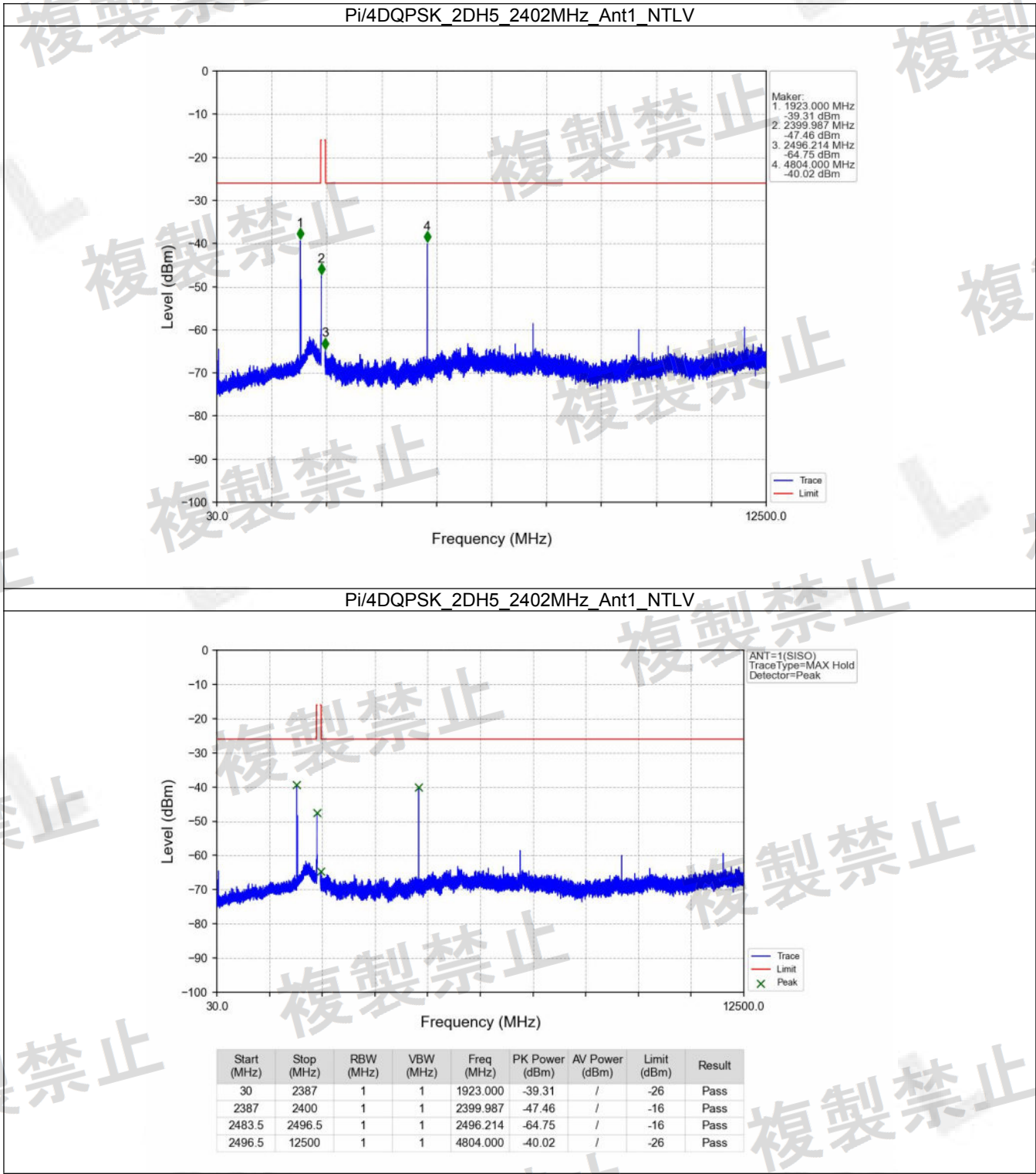
6.2.2 TxSe_NTLV



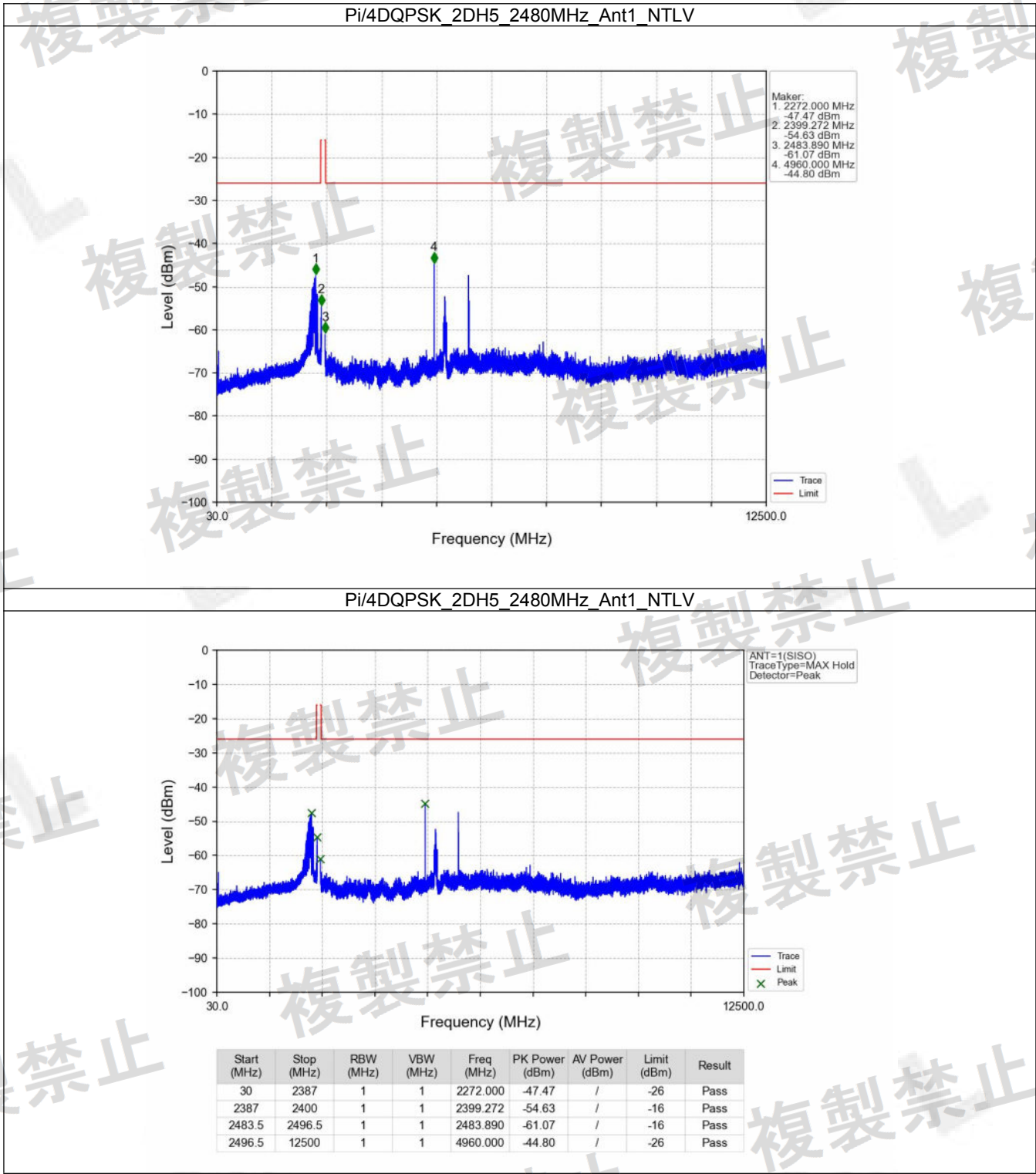
MIC: 219-269050



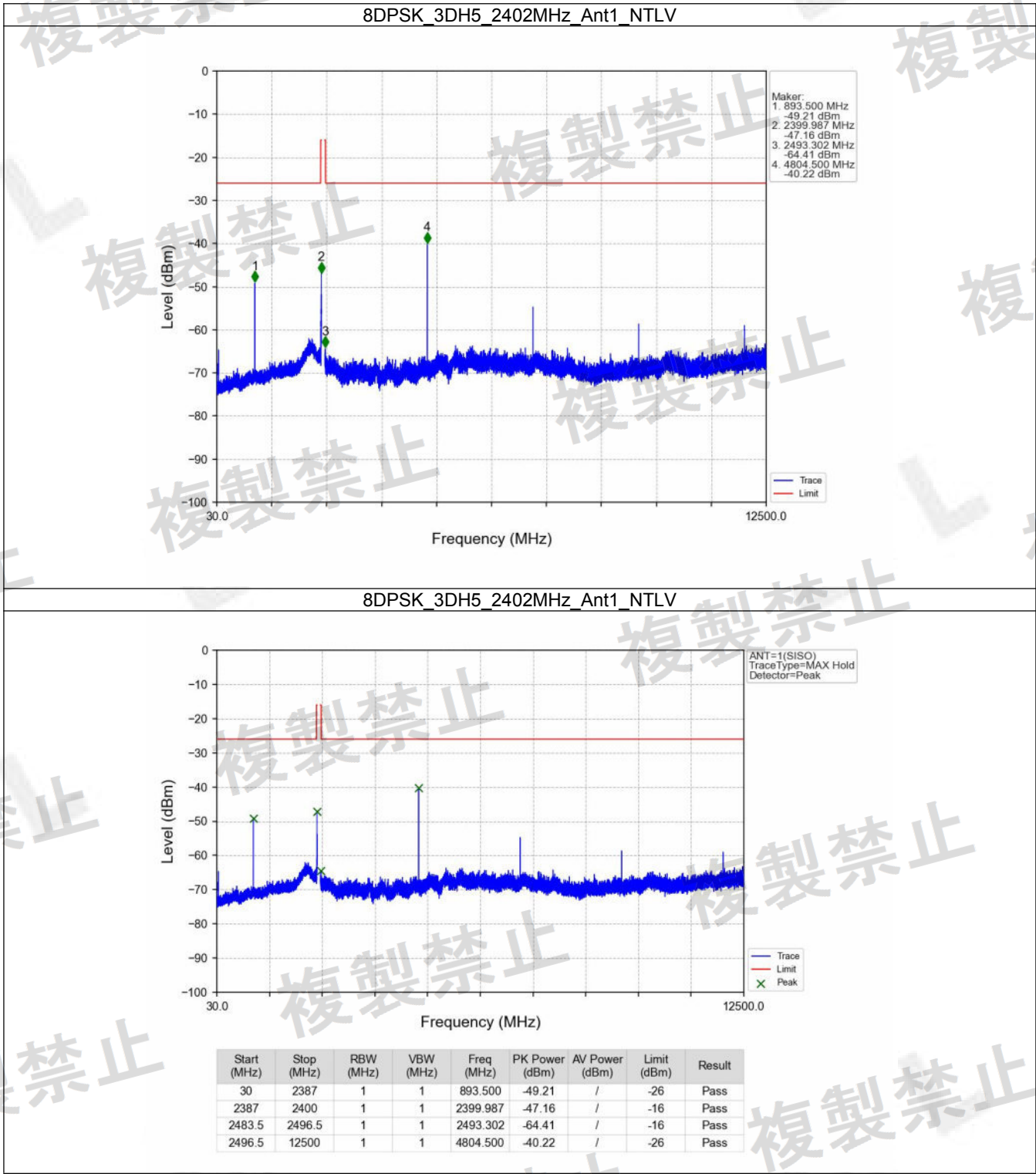
MIC: 219-269050



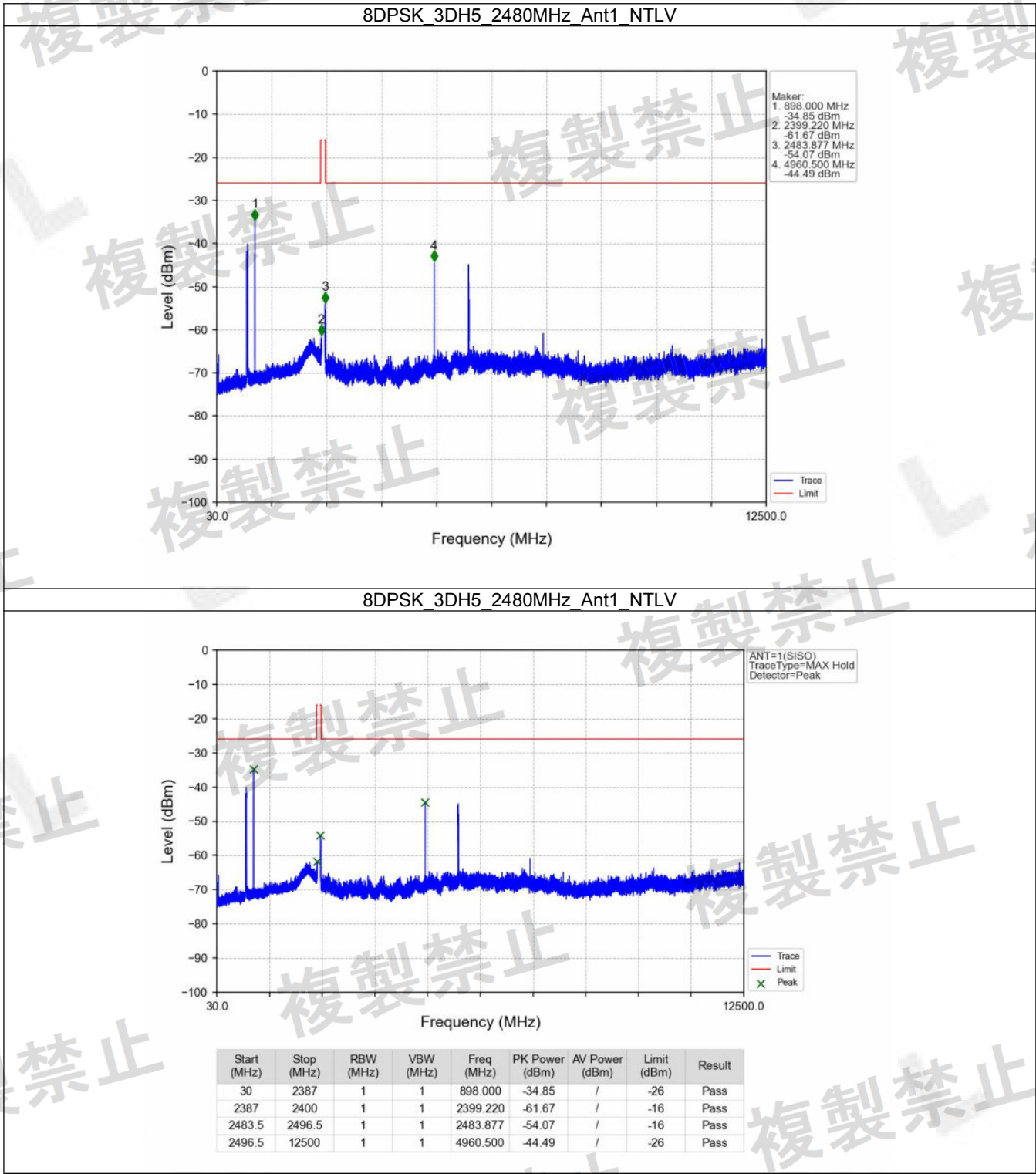
MIC: 219-269050



MIC: 219-269050

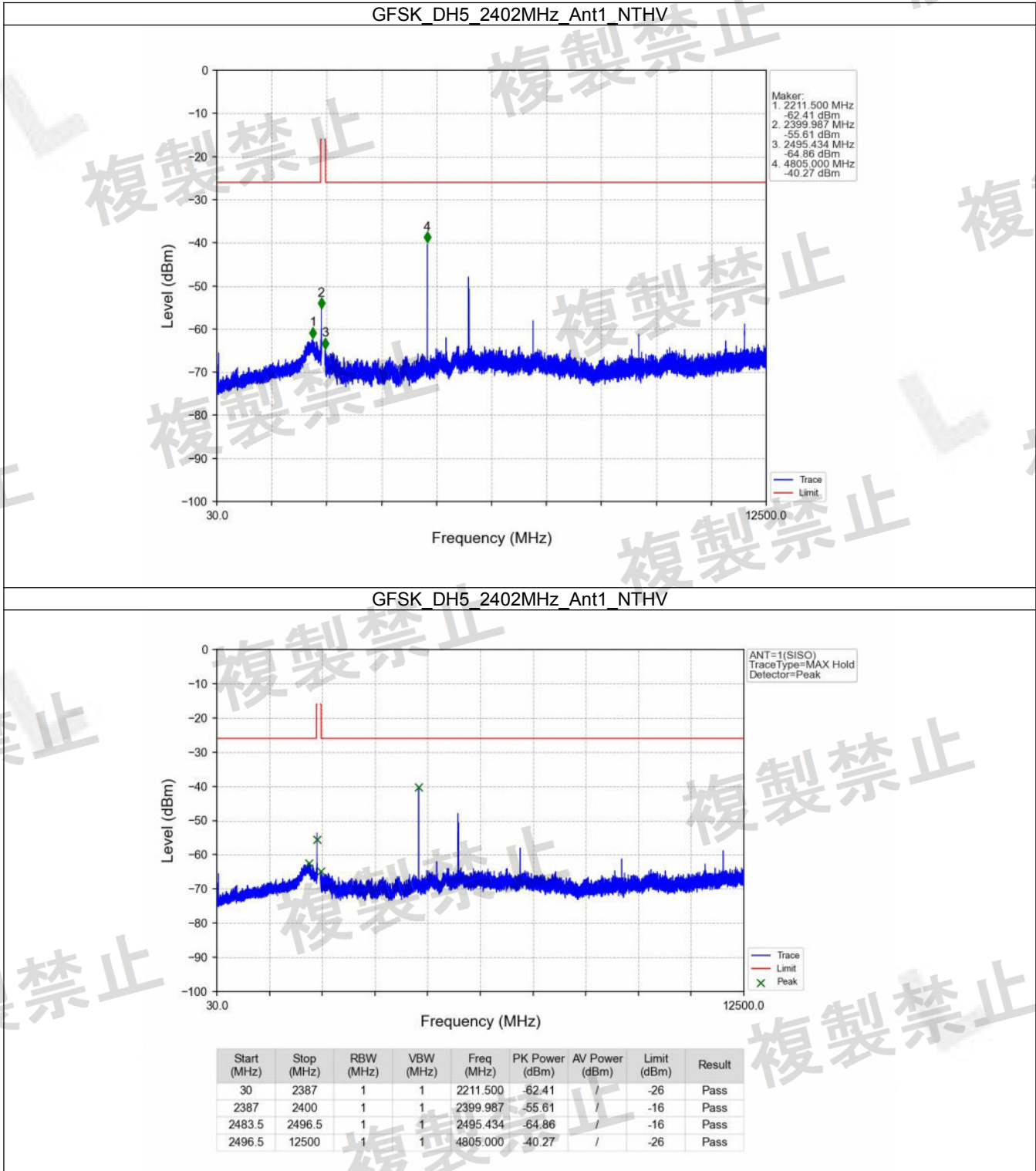


MIC: 219-269050

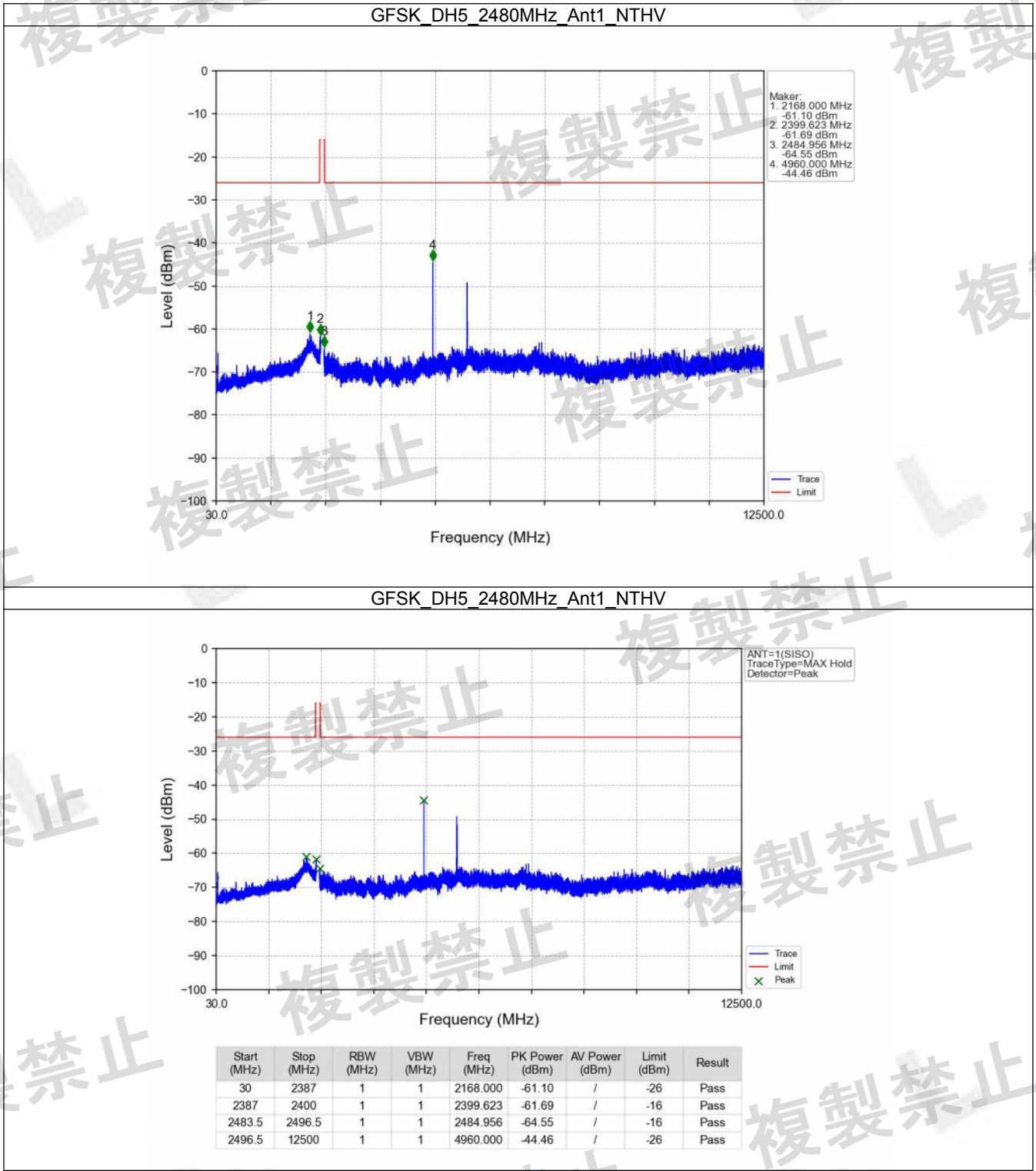


MIC: 219-269050

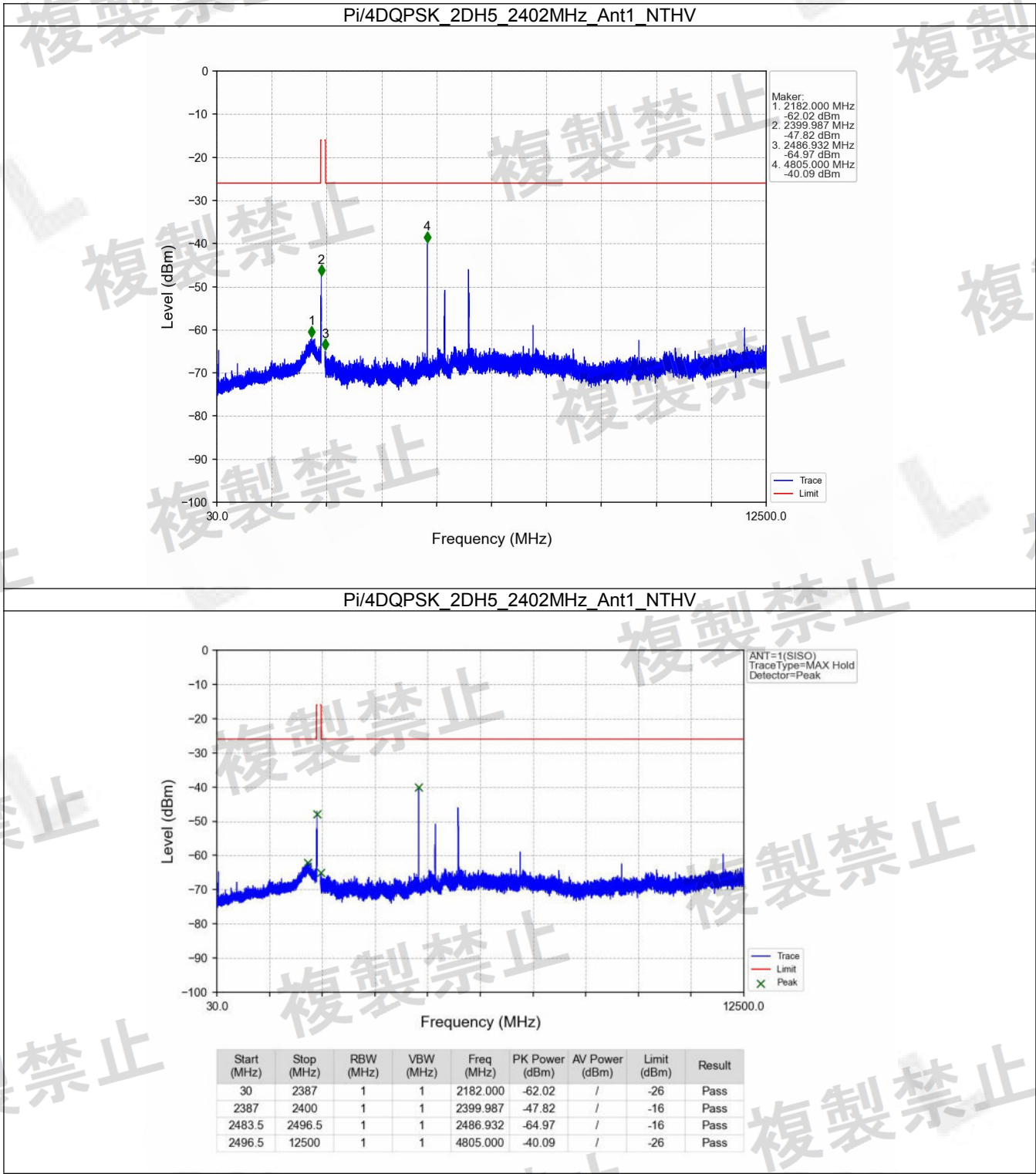
6.2.3 TxSe_NTHV



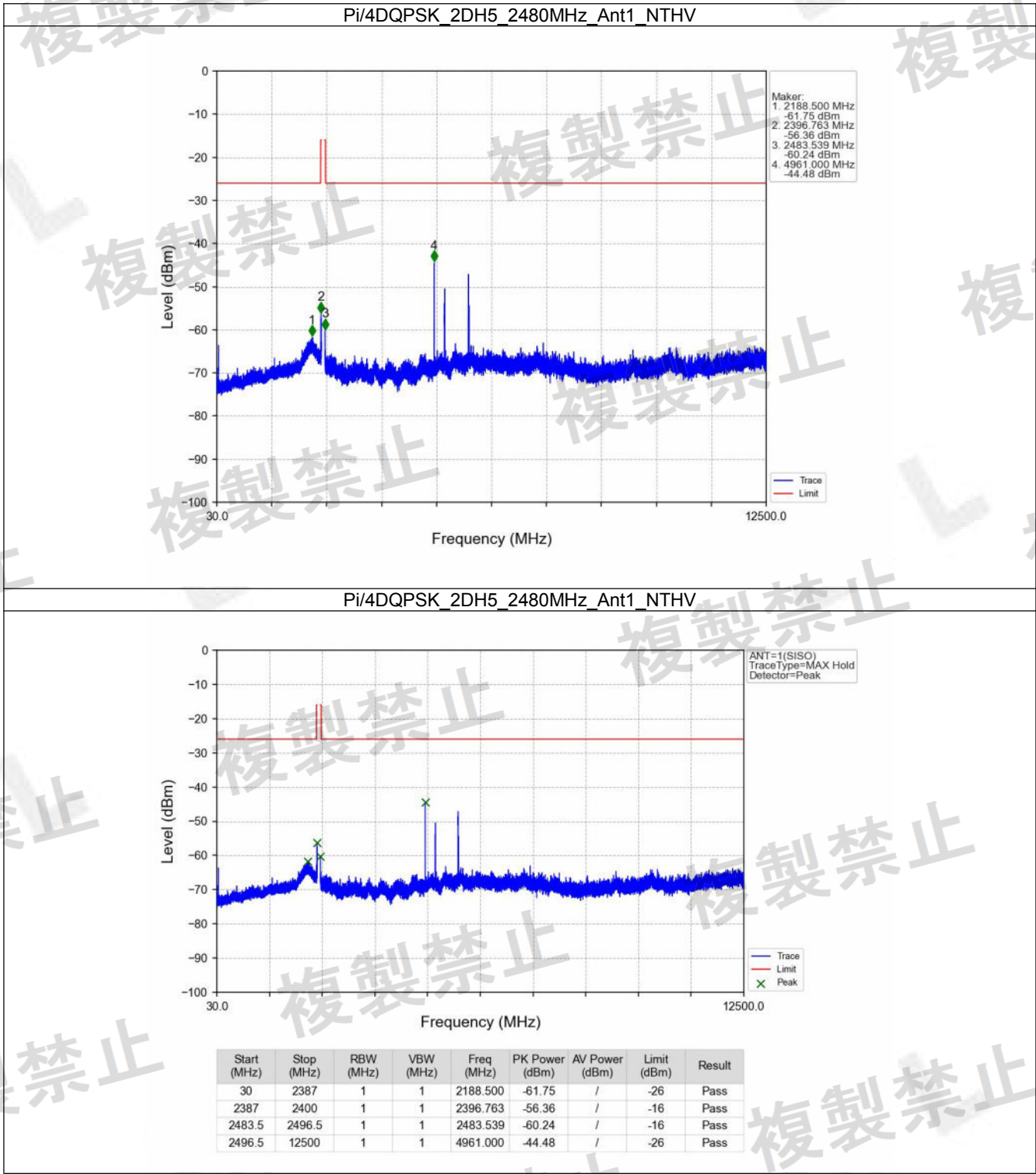
MIC: 219-269050



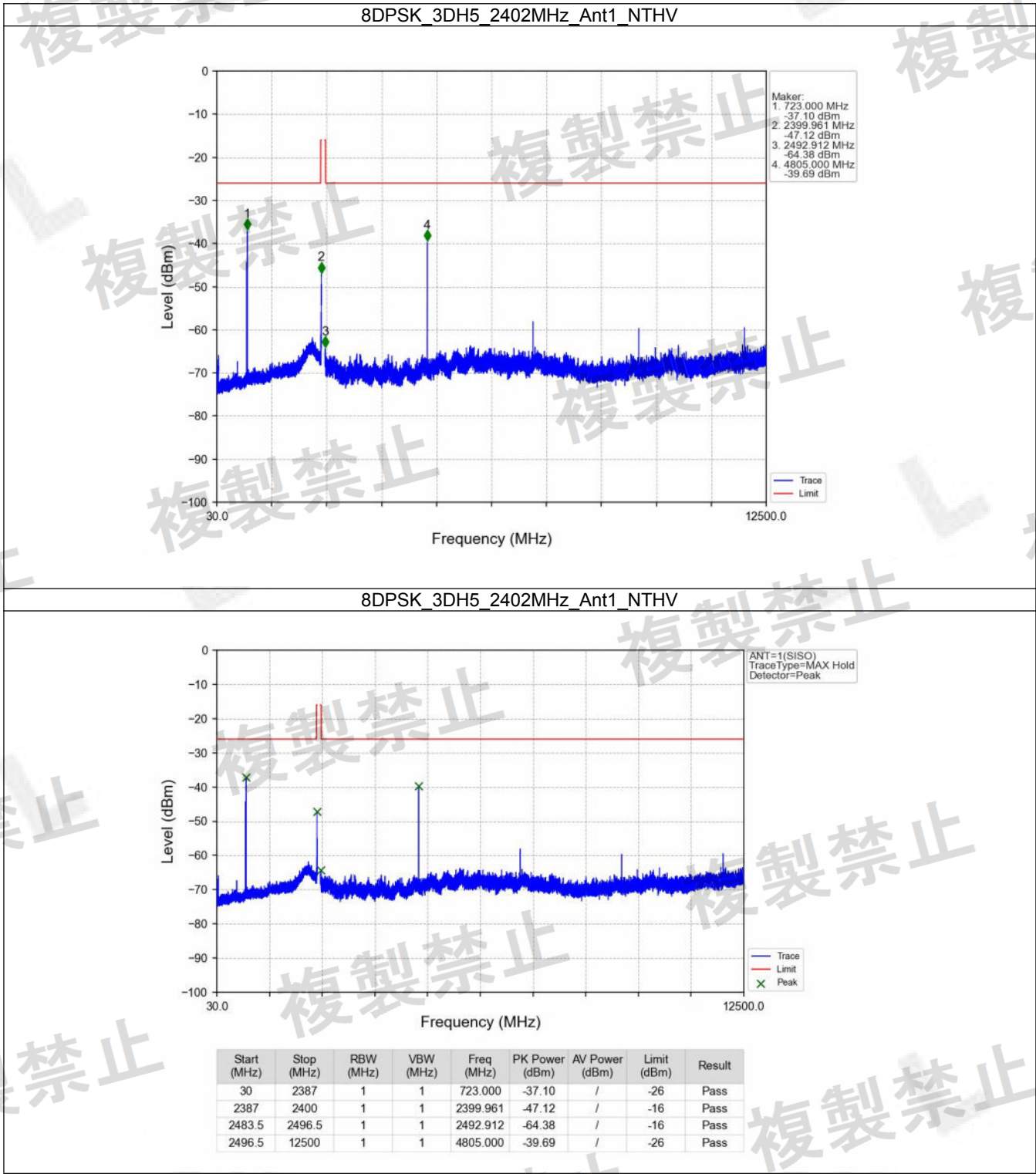
MIC: 219-269050



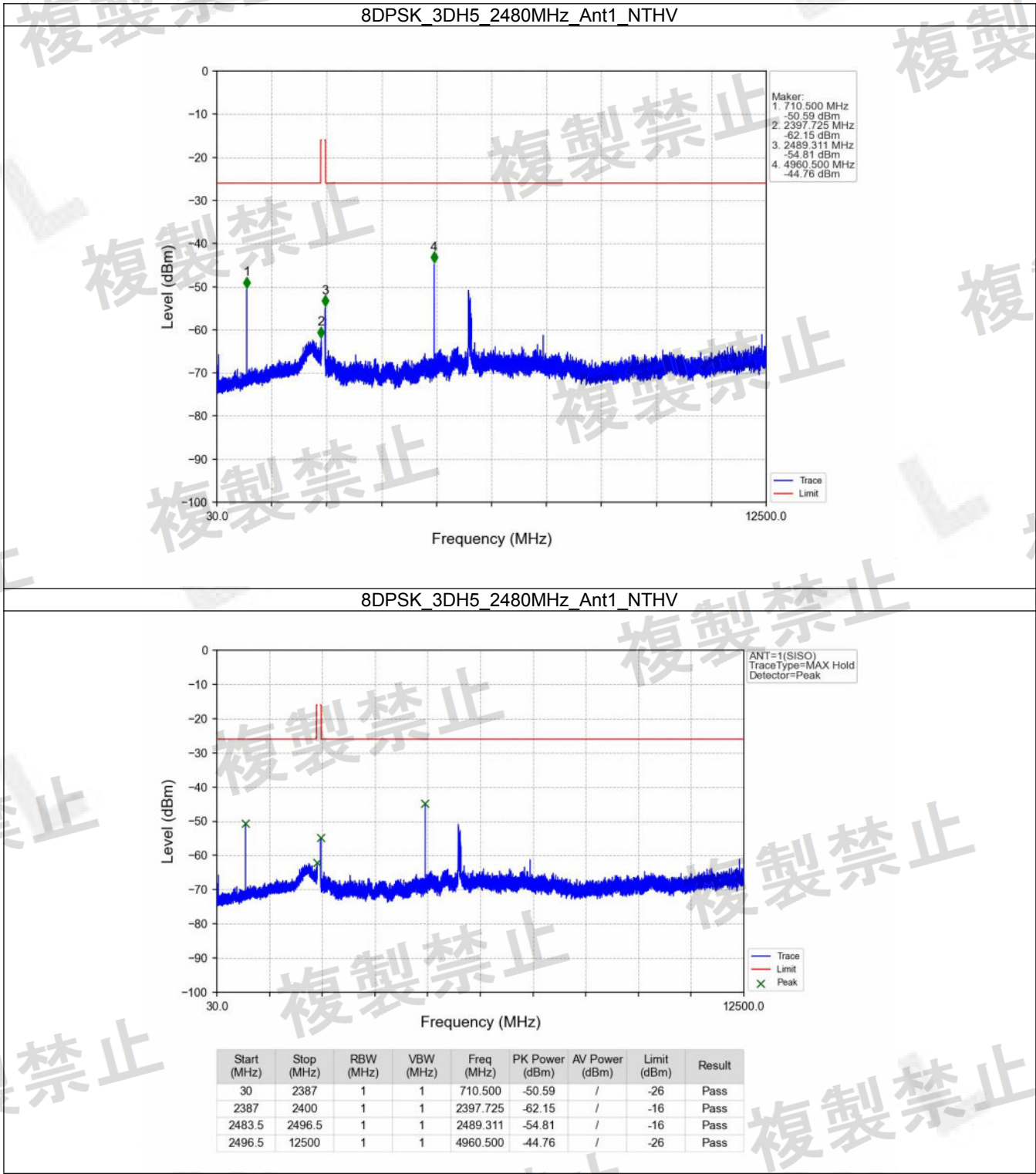
MIC: 219-269050



MIC: 219-269050



MIC: 219-269050



MIC: 219-269050

7. Secondary Radiated Emission

7.1 Test Result

7.1.1 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)		
GFSK	SISO	2402	1	30	1000	500	-74.31	0.037	/	/	4	Pass
				1000	12500	2411.5	-58.41	1.442	/	/	20	Pass
		2480	1	30	1000	500	-73.68	0.043	/	/	4	Pass
				1000	12500	2416	-59.07	1.239	/	/	20	Pass
Pi/4DQPSK	SISO	2402	1	30	1000	500	-74.64	0.034	/	/	4	Pass
				1000	12500	2412	-56.83	2.075	-74.98	0.032	20	Pass
		2480	1	30	1000	500	-73.48	0.045	/	/	4	Pass
				1000	12500	2416	-58.86	1.300	/	/	20	Pass
8DPSK	SISO	2402	1	30	1000	500	-74.09	0.039	/	/	4	Pass
				1000	12500	2416	-55.36	2.911	-76.01	0.025	20	Pass
		2480	1	30	1000	729.5	-57.92	1.614	-92.38	0.001	4	Pass
				1000	12500	2413	-58.03	1.574	/	/	20	Pass

7.1.2 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)		
GFSK	SISO	2402	1	30	1000	500	-73.24	0.047	/	/	4	Pass
				1000	12500	2411	-57.38	1.828	/	/	20	Pass
		2480	1	30	1000	500	-72.88	0.052	/	/	4	Pass
				1000	12500	2416.5	-58.05	1.567	/	/	20	Pass
Pi/4DQPSK	SISO	2402	1	30	1000	500	-73.54	0.044	/	/	4	Pass
				1000	12500	2417.5	-57.60	1.738	/	/	20	Pass
		2480	1	30	1000	500	-72.75	0.053	/	/	4	Pass
				1000	12500	2417	-58.83	1.309	/	/	20	Pass
8DPSK	SISO	2402	1	30	1000	704.3	-53.34	4.634	-92.60	0.001	4	Pass
				1000	12500	2415.5	-56.90	2.042	-75.76	0.027	20	Pass
		2480	1	30	1000	730.45	-56.26	2.366	-92.35	0.001	4	Pass
				1000	12500	2412.5	-56.53	2.223	-71.89	0.065	20	Pass

7.1.3 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)		
GFSK	SISO	2402	1	30	1000	500	-73.81	0.042	/	/	4	Pass
				1000	12500	2412	-58.56	1.393	/	/	20	Pass
		2480	1	30	1000	500	-74.15	0.038	/	/	4	Pass

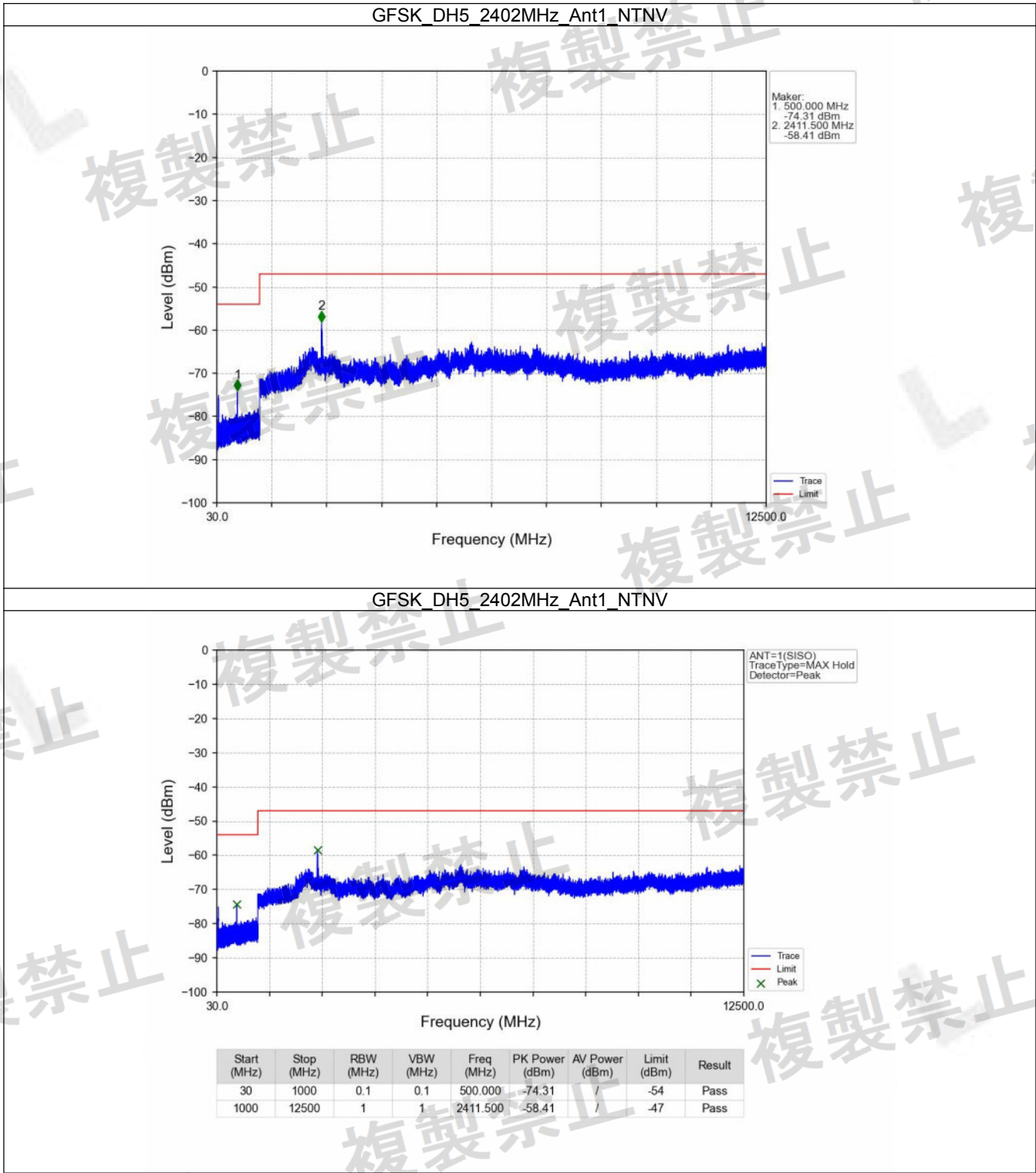
MIC: 219-269050

				1000	12500	2416	-59.41	1.146	/	/	20	Pass
Pi/4DQPSK	SISO	2402	1	30	1000	500	-73.89	0.041	/	/	4	Pass
				1000	12500	2412	-57.75	1.679	/	/	20	Pass
		2480	1	30	1000	500	-72.98	0.050	/	/	4	Pass
				1000	12500	2416.5	-58.35	1.462	/	/	20	Pass
8DPSK	SISO	2402	1	30	1000	500	-74.38	0.036	/	/	4	Pass
				1000	12500	2414	-54.04	3.945	-79.23	0.012	20	Pass
		2480	1	30	1000	704.25	-52.89	5.140	-92.32	0.001	4	Pass
						731.2	-53.58	4.385	-92.18	0.001	4	Pass
				1000	12500	2413.5	-54.52	3.532	-71.88	0.065	20	Pass

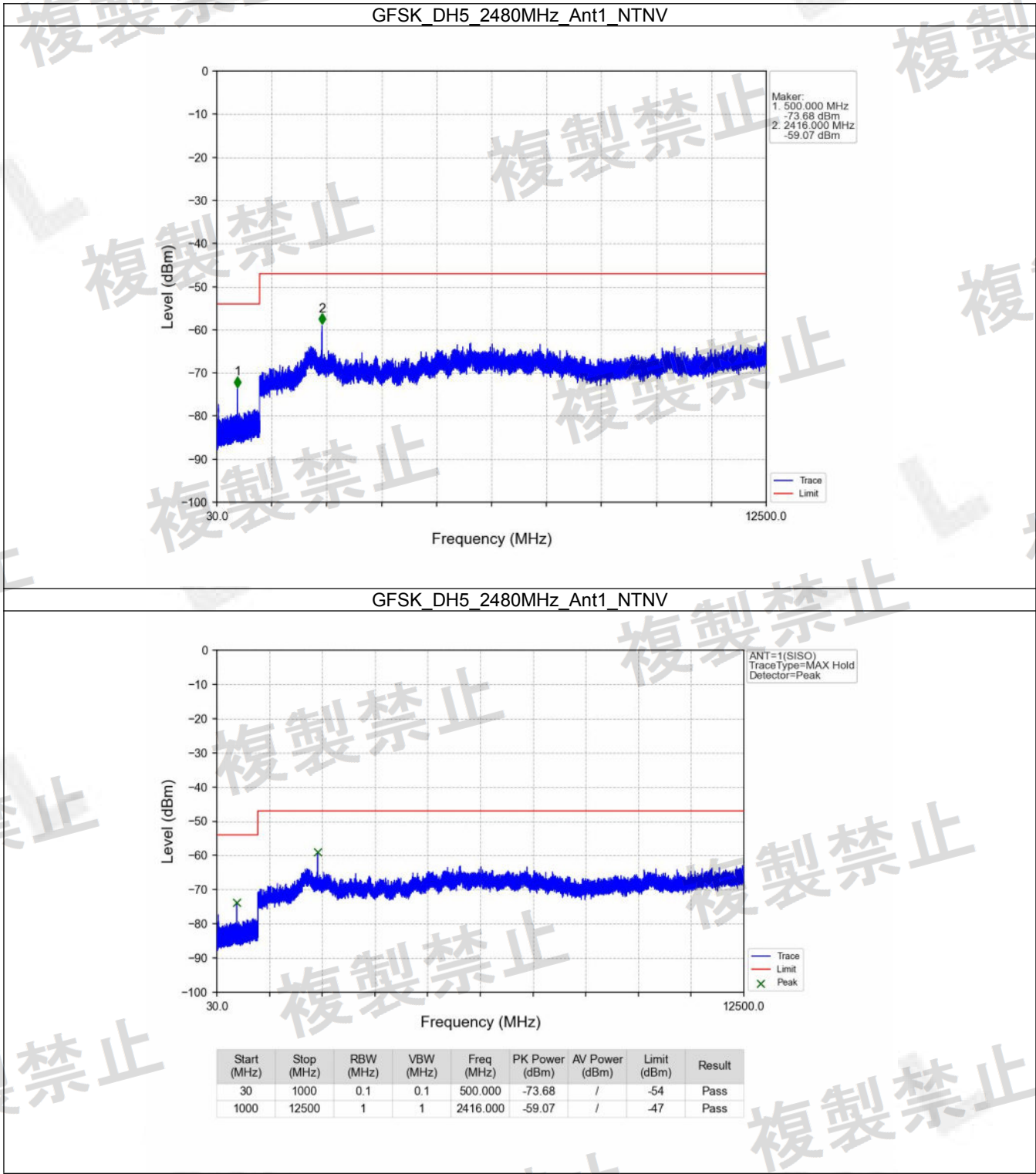
MIC: 219-269050

7.2 Test Graph

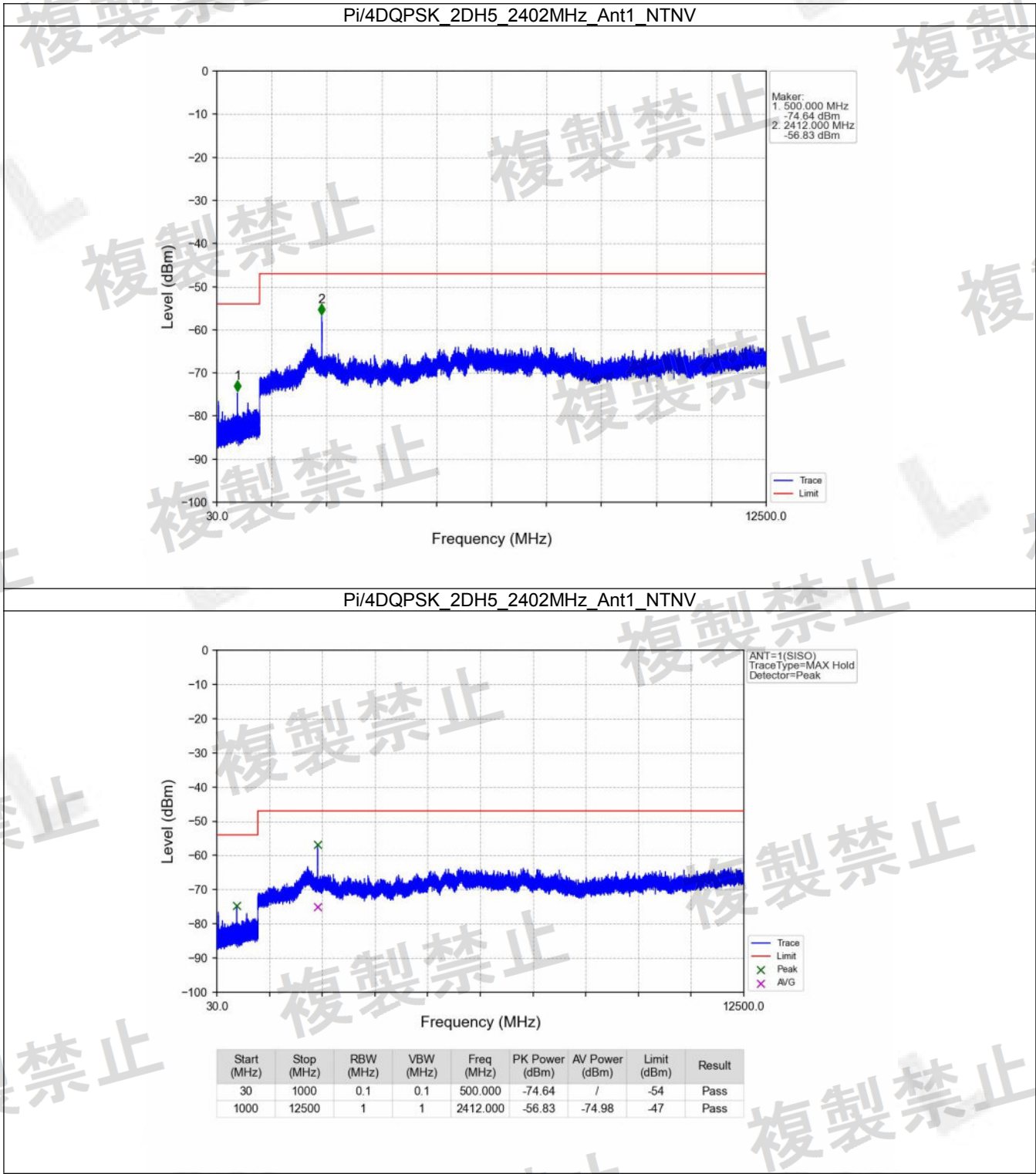
7.2.1 RxSe_NTNV



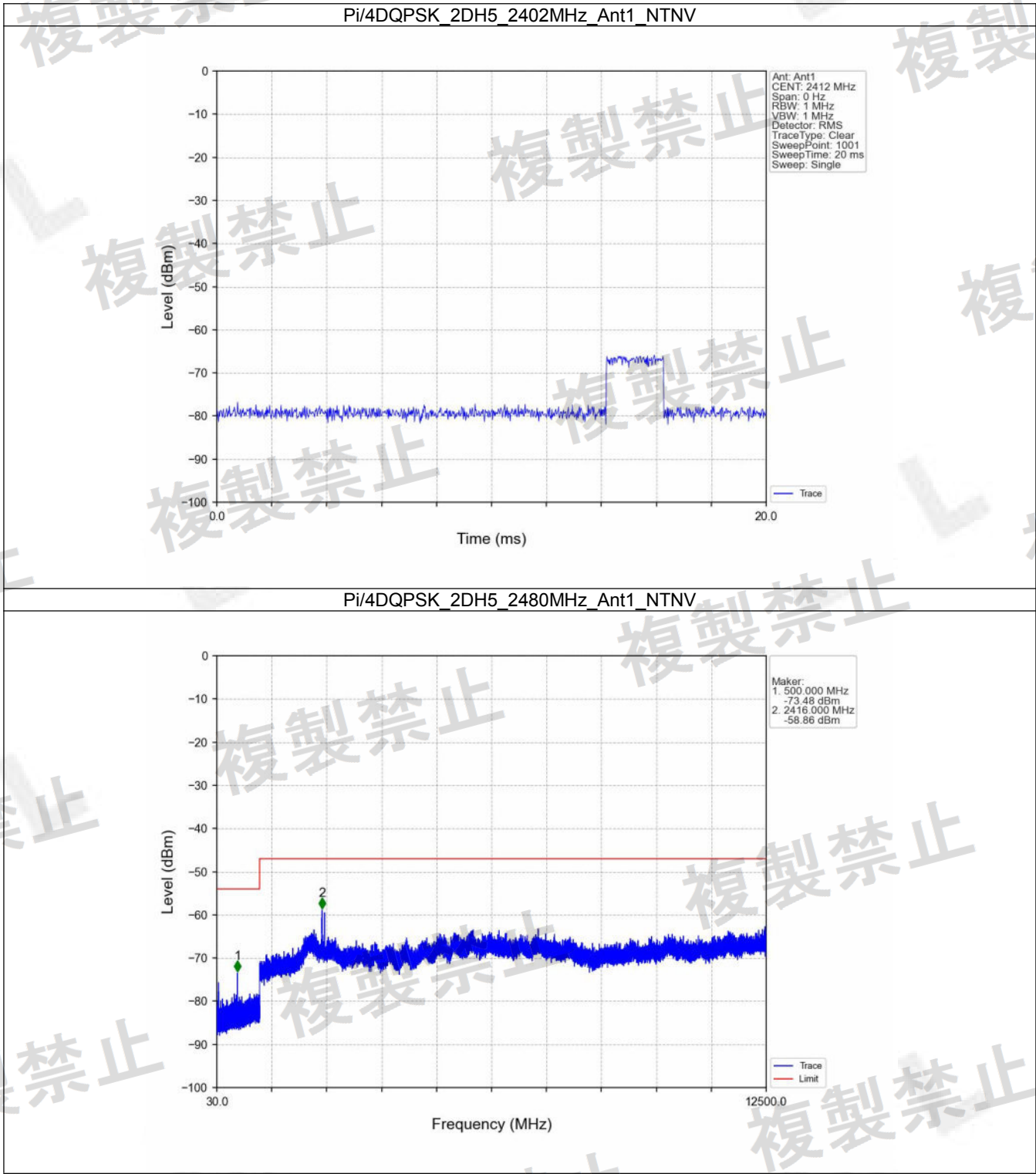
MIC: 219-269050



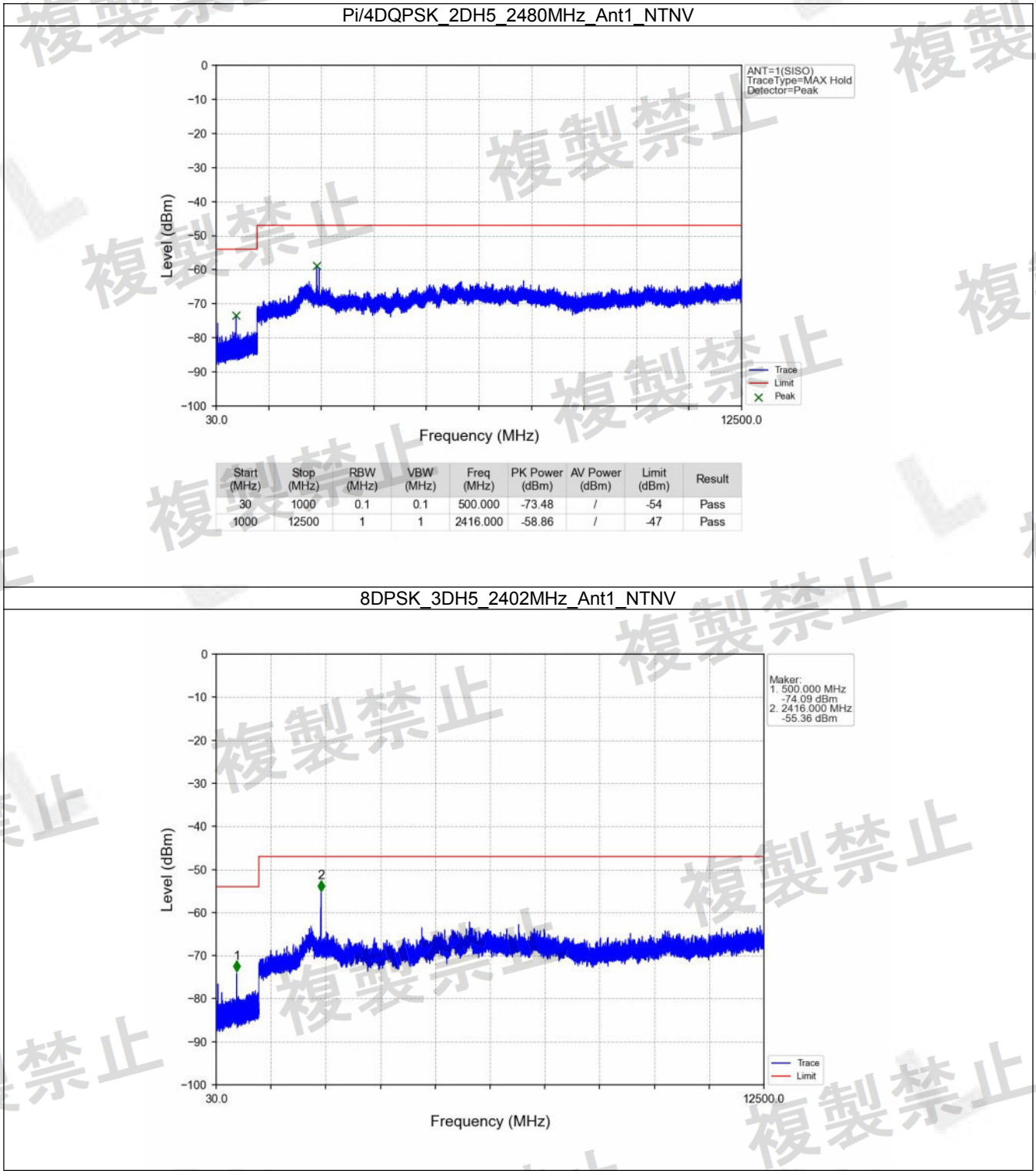
MIC: 219-269050



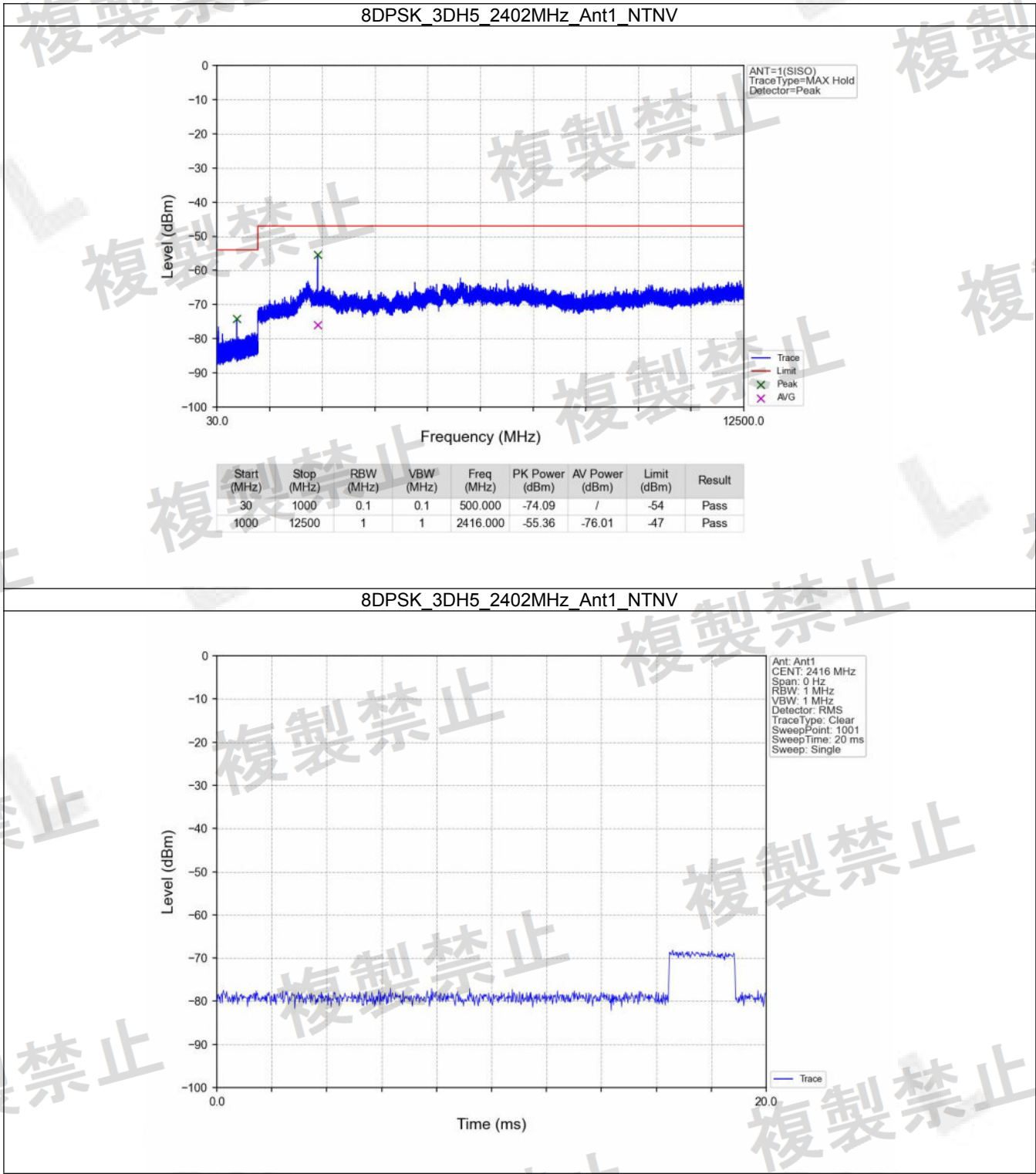
MIC: 219-269050



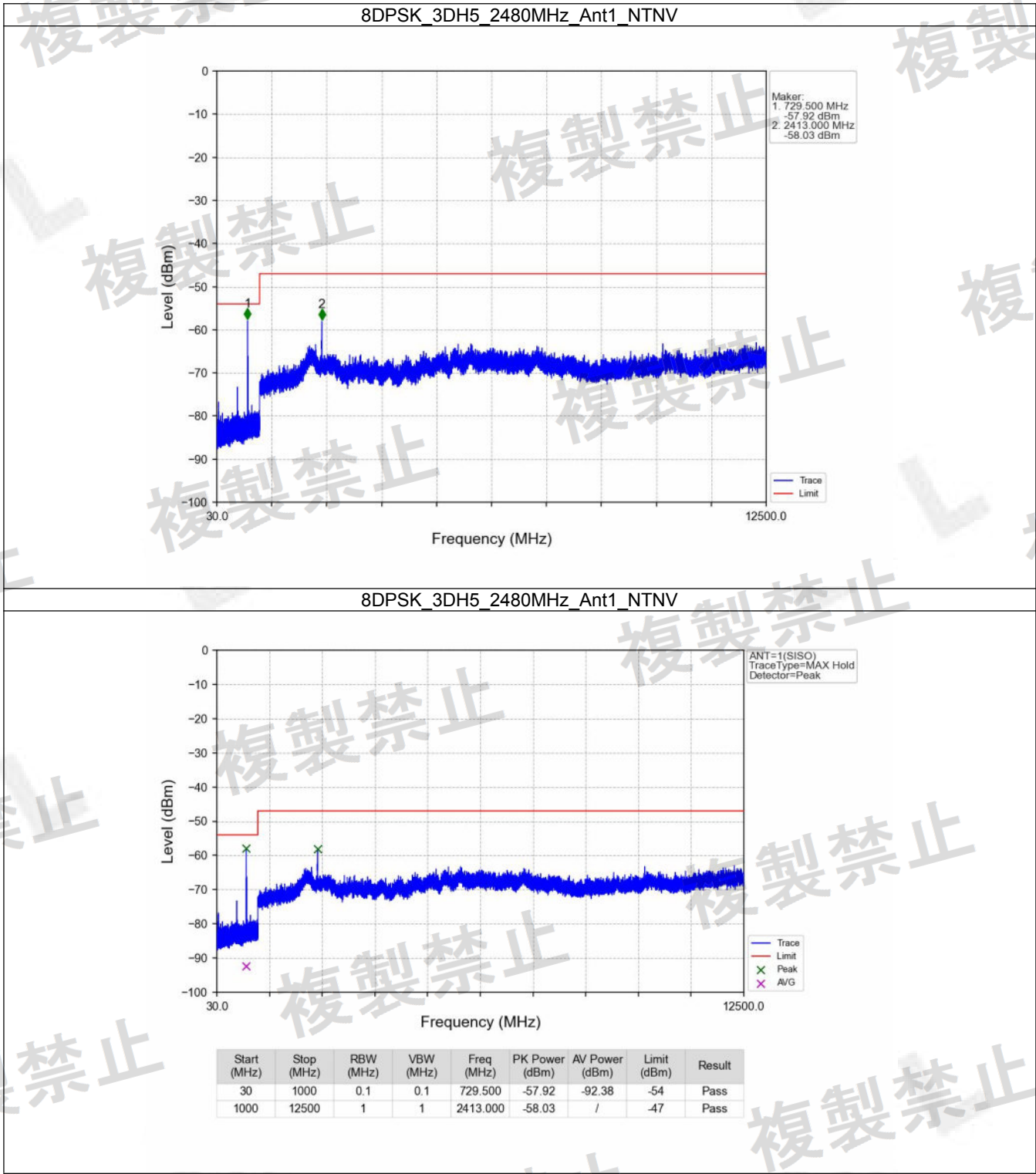
MIC: 219-269050



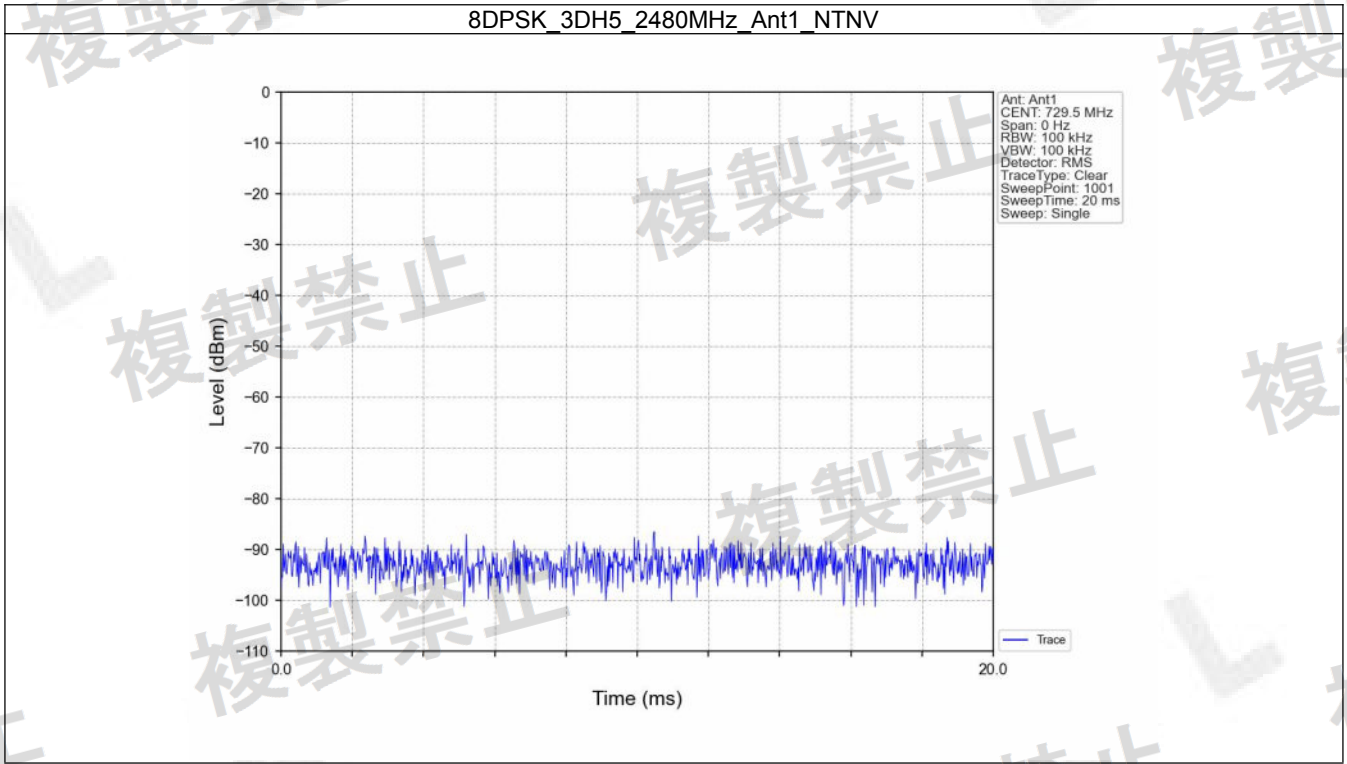
MIC: 219-269050



MIC: 219-269050

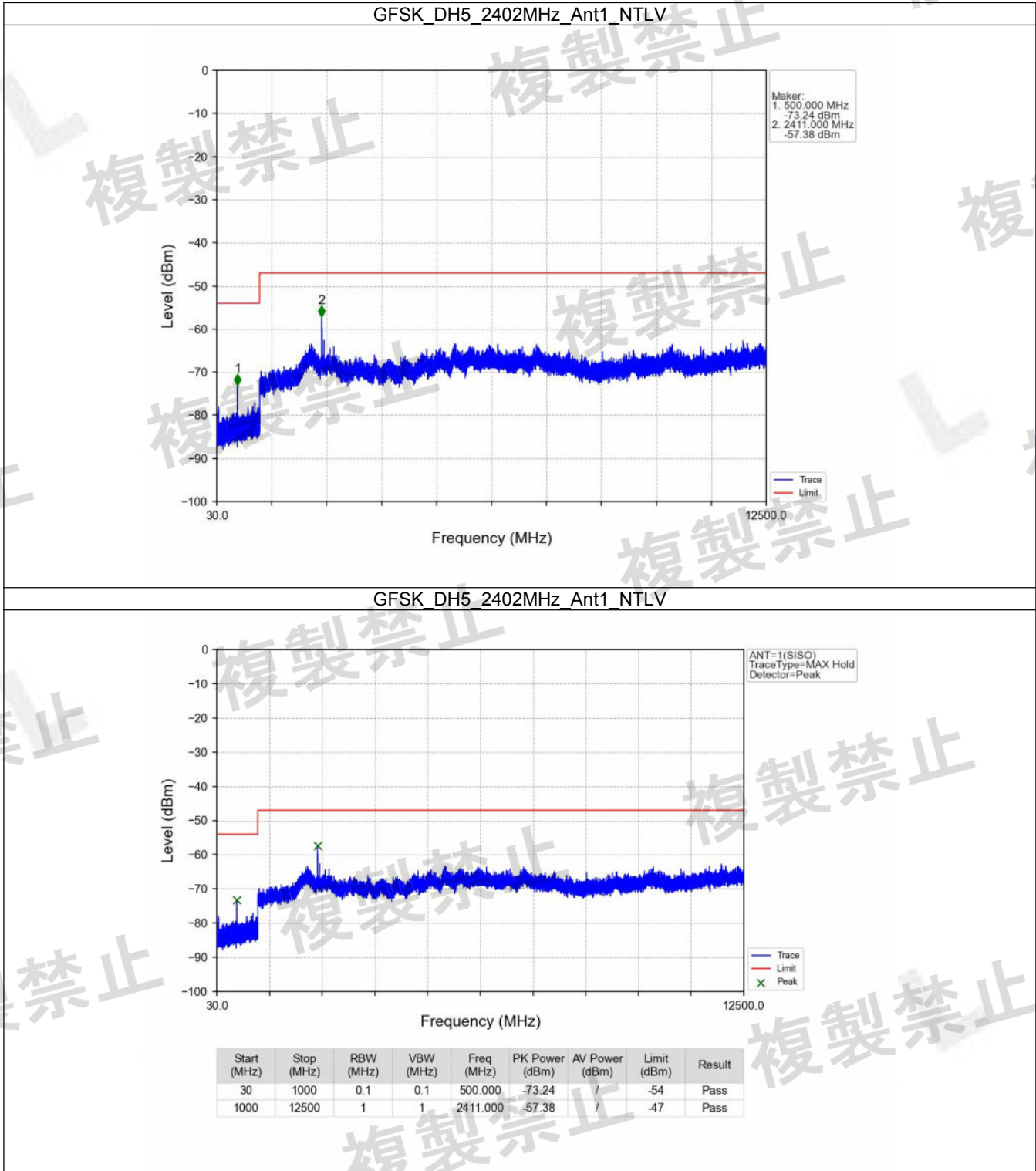


MIC: 219-269050

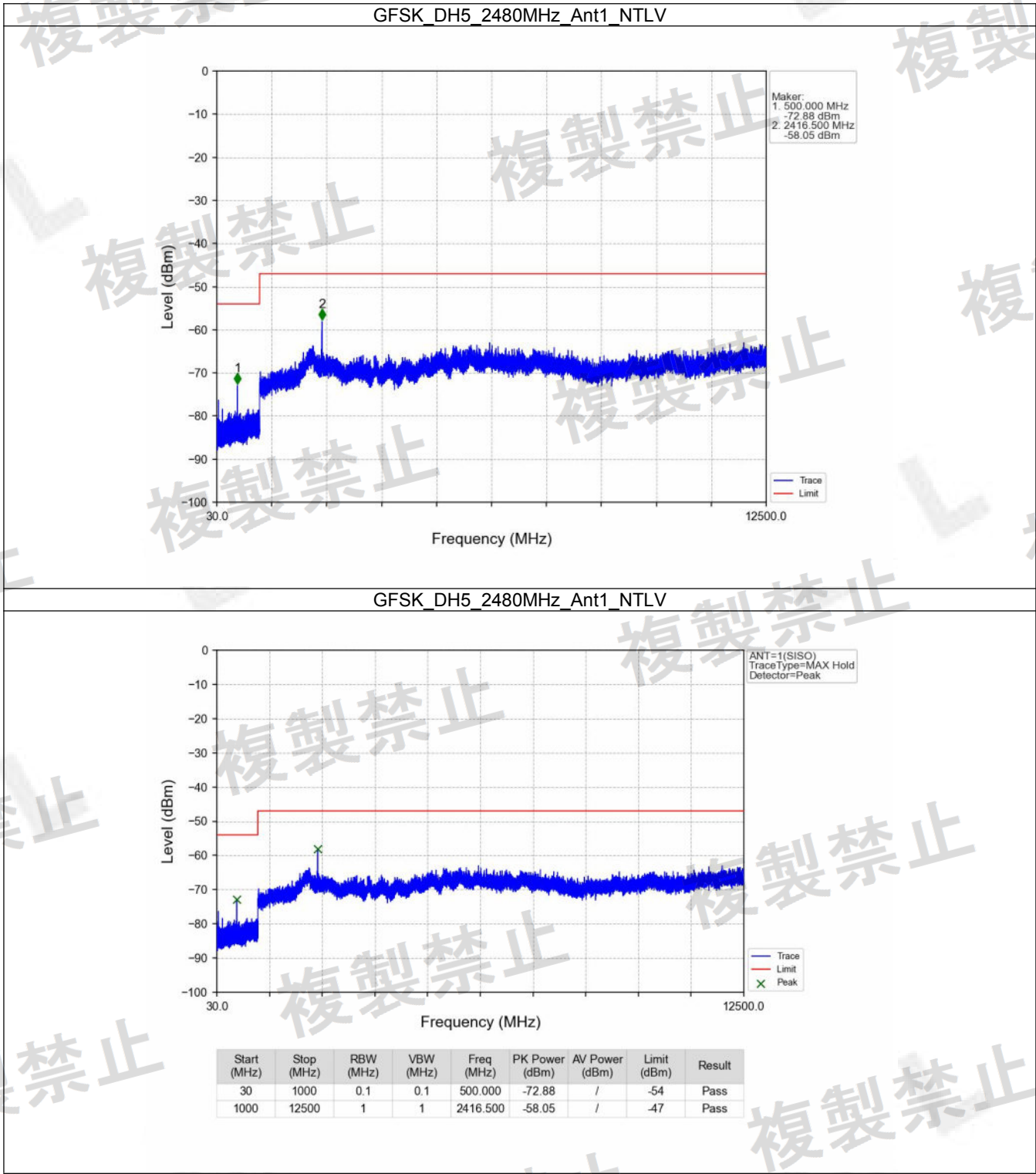


MIC: 219-269050

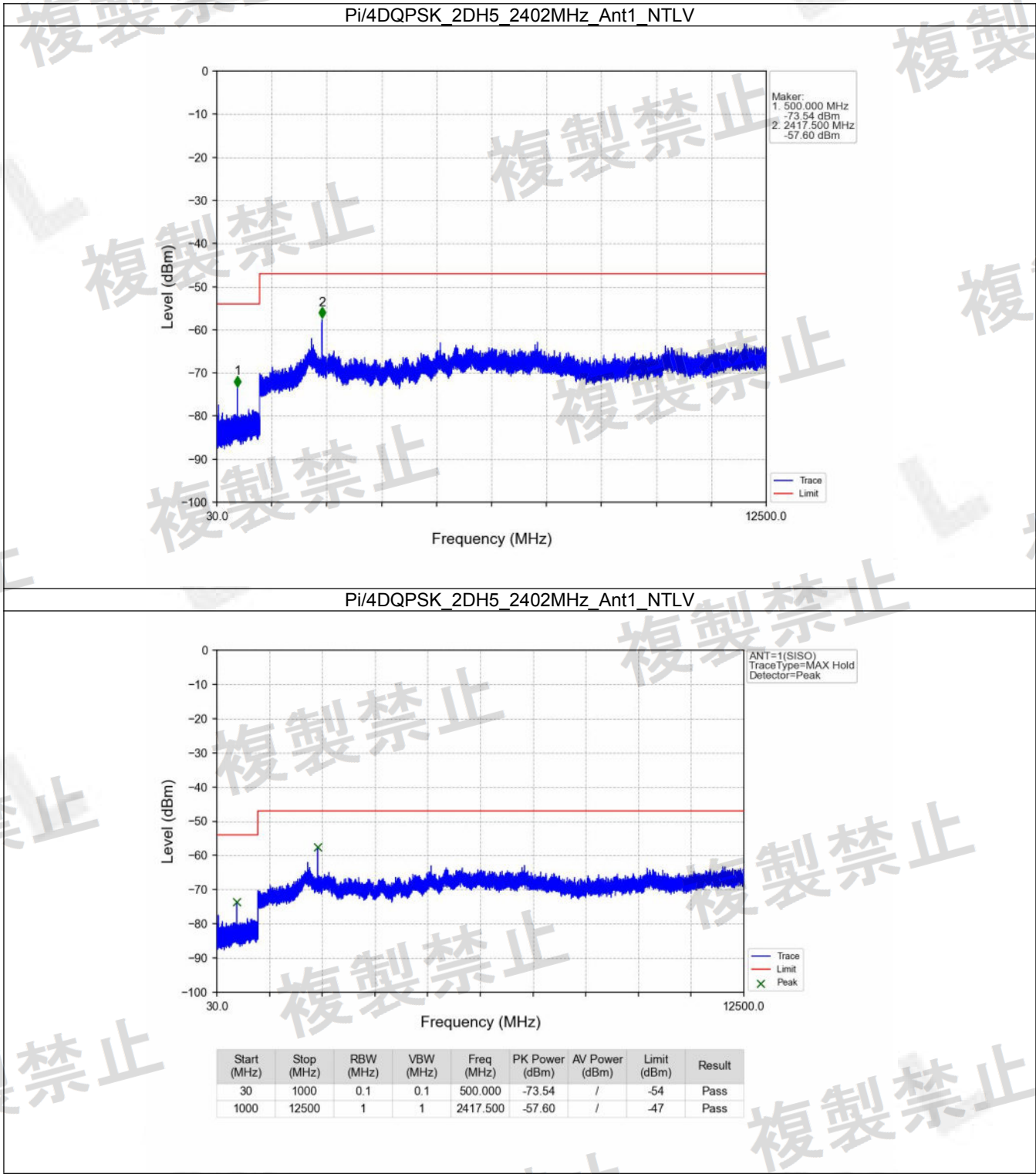
7.2.2 RxSe_NTLV



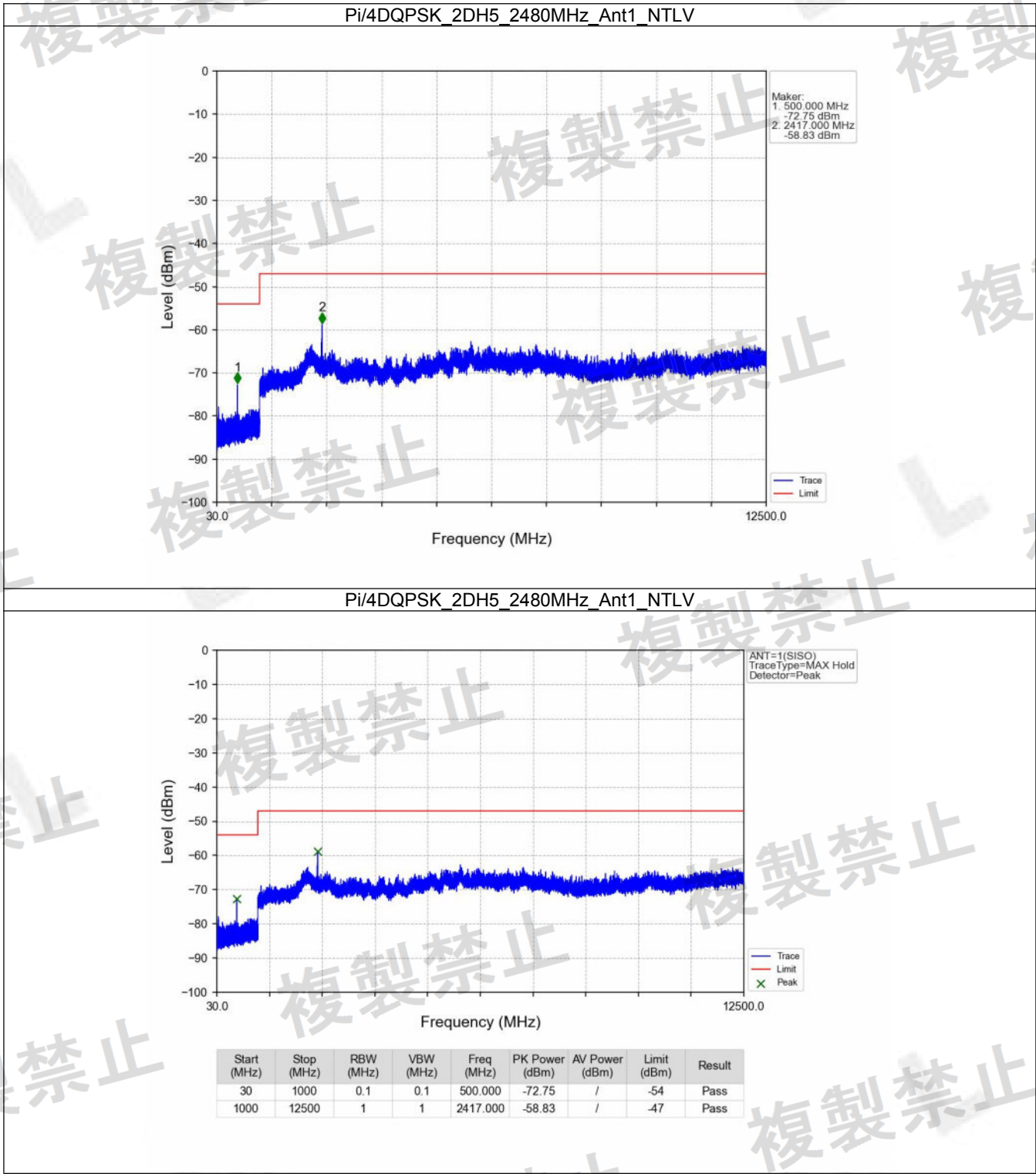
MIC: 219-269050



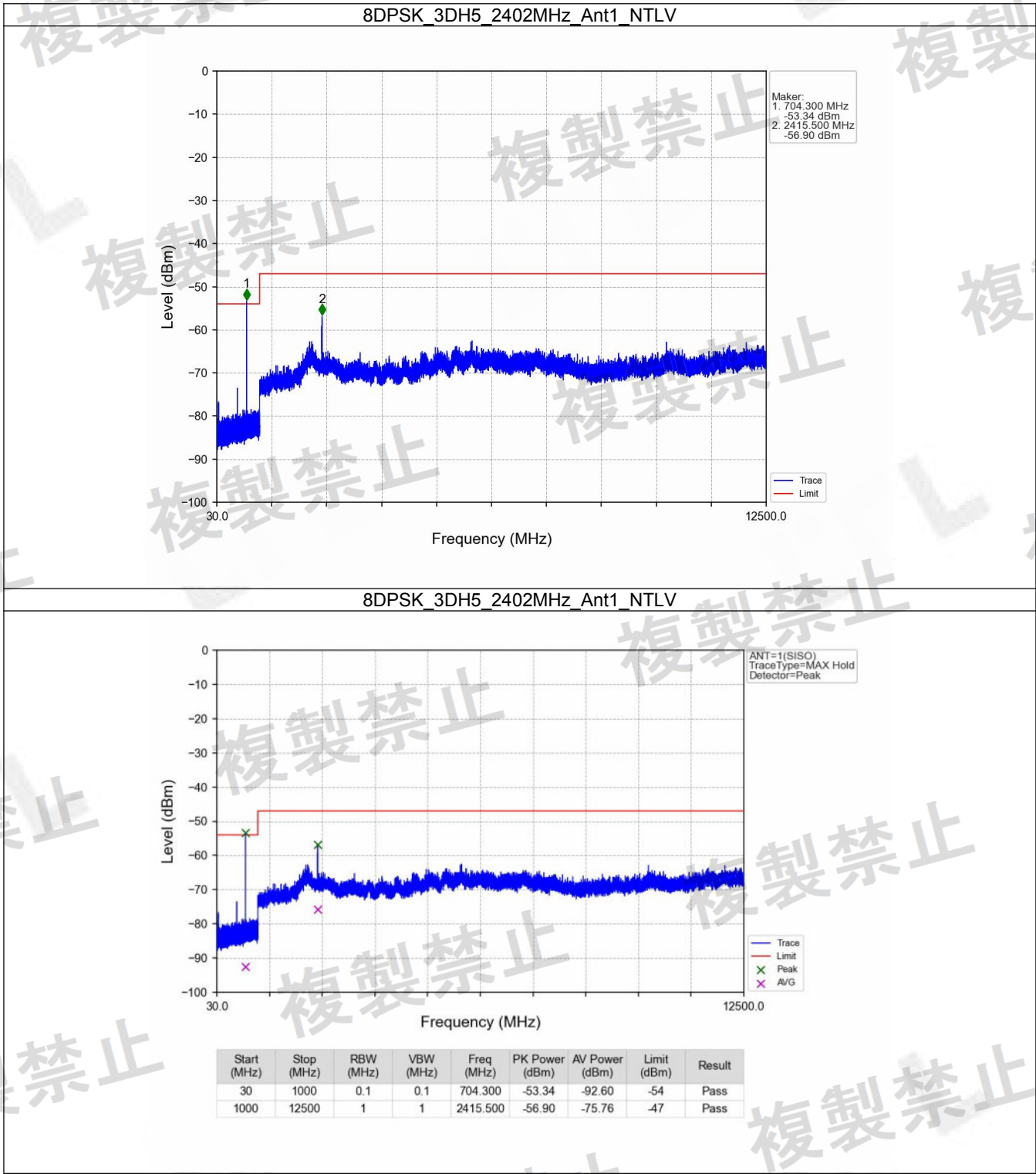
MIC: 219-269050



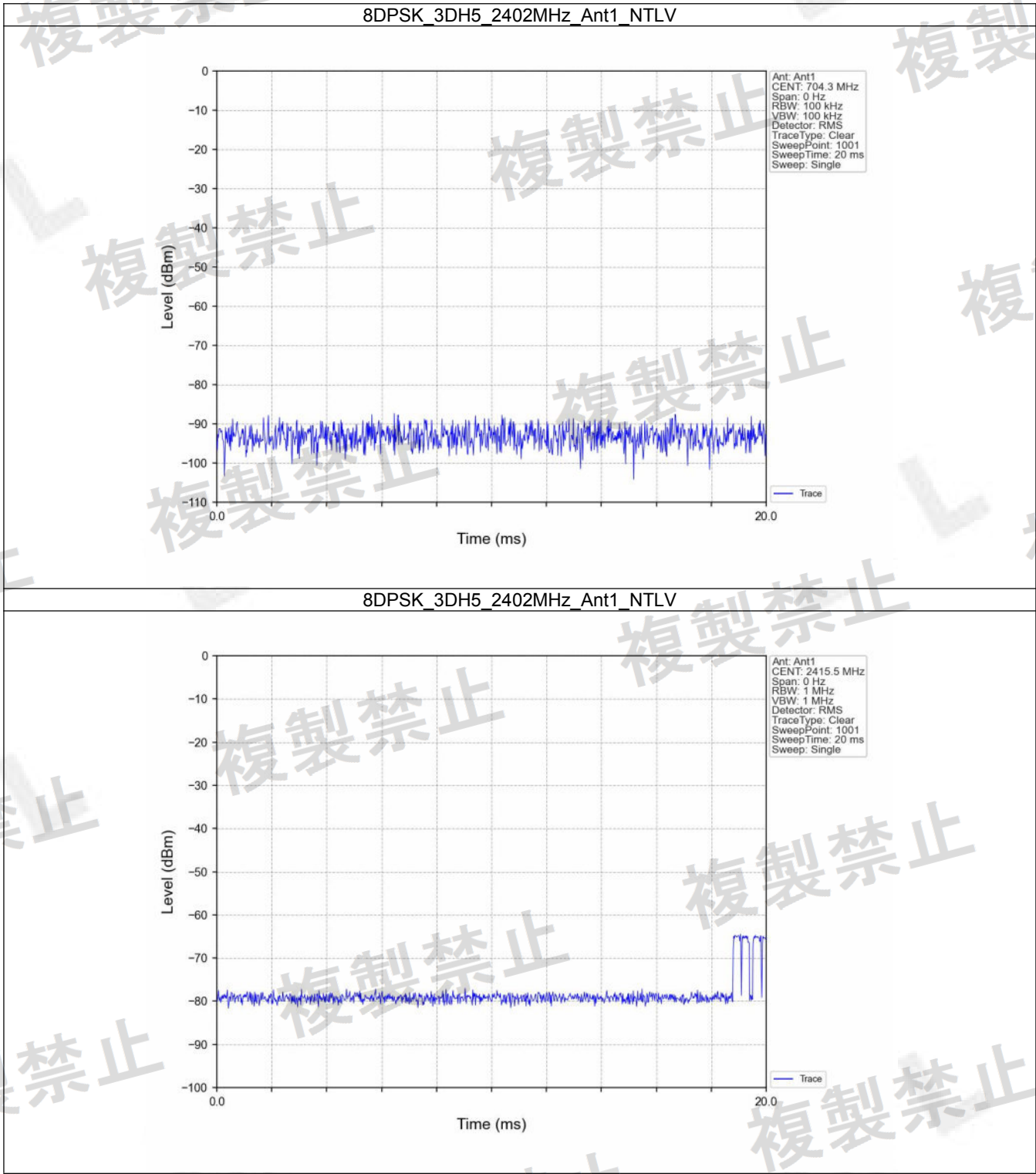
MIC: 219-269050



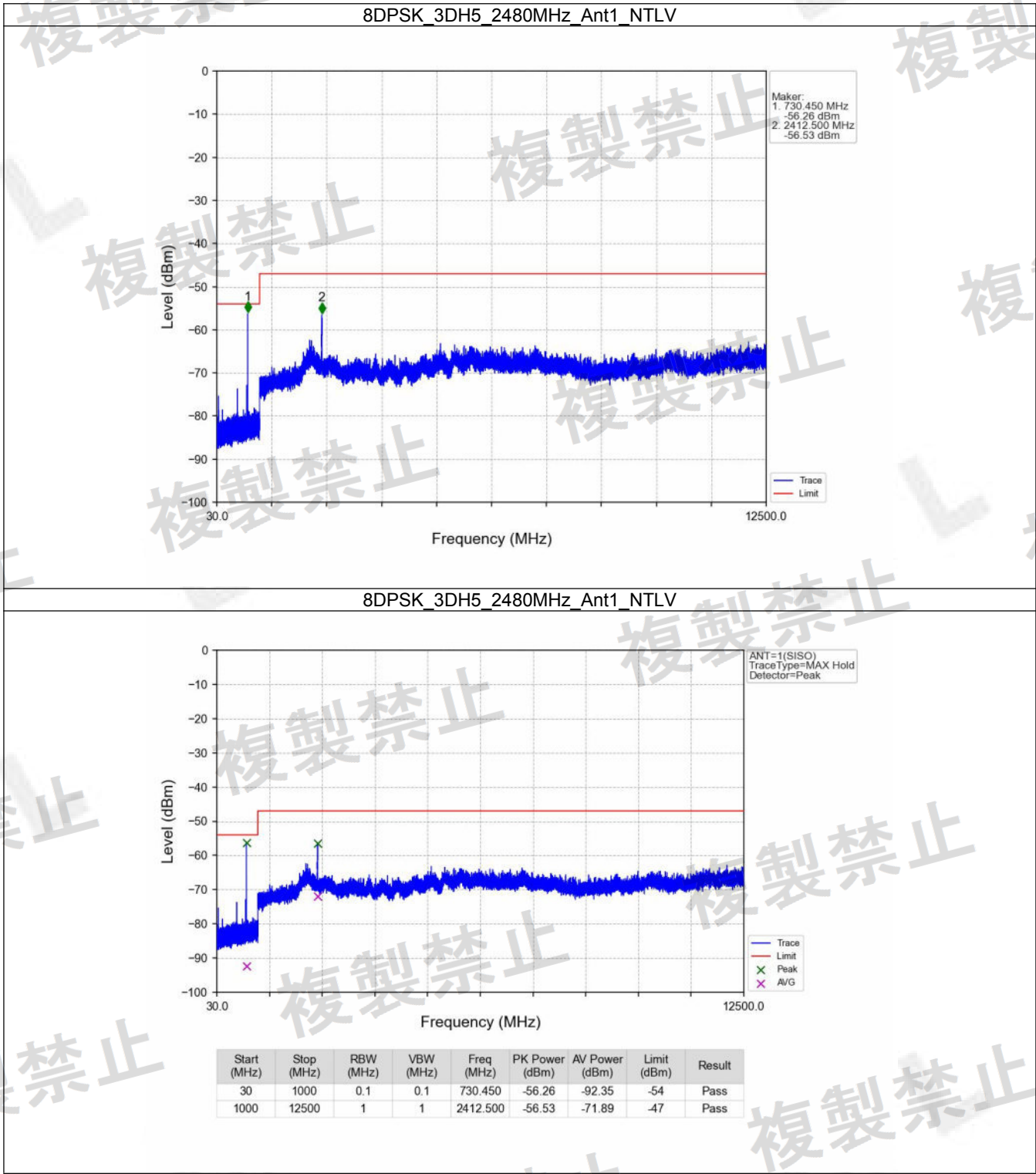
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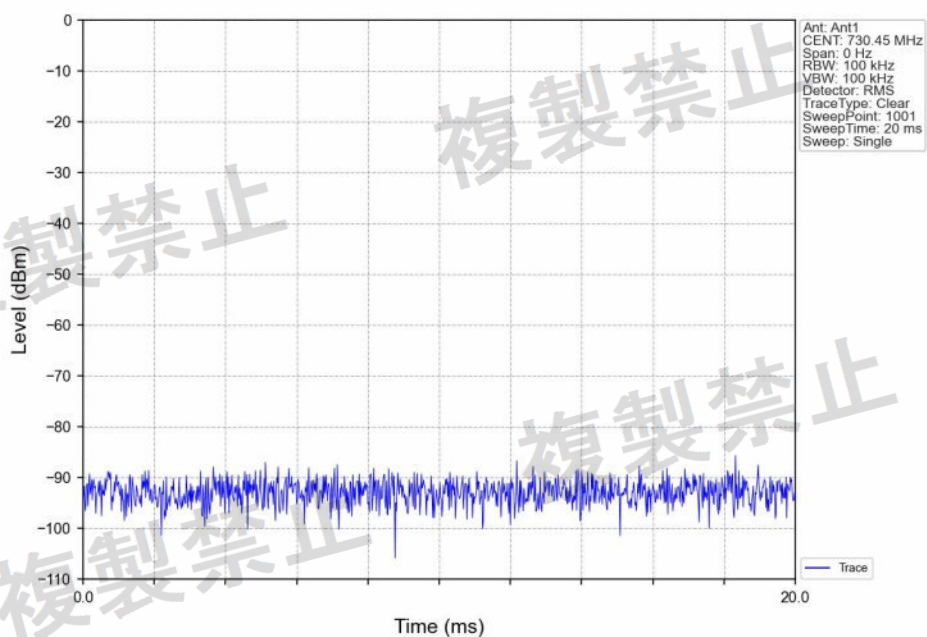


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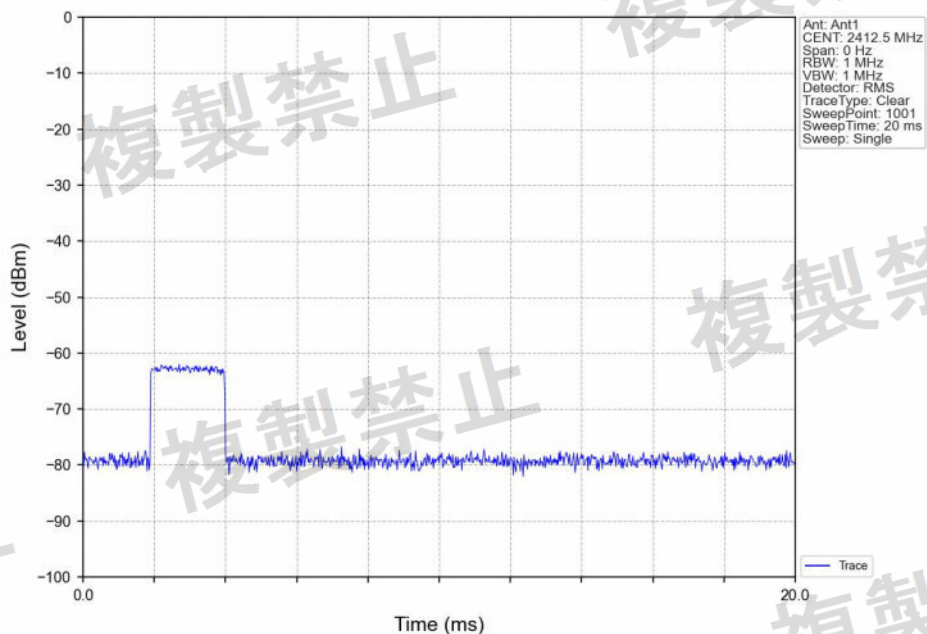


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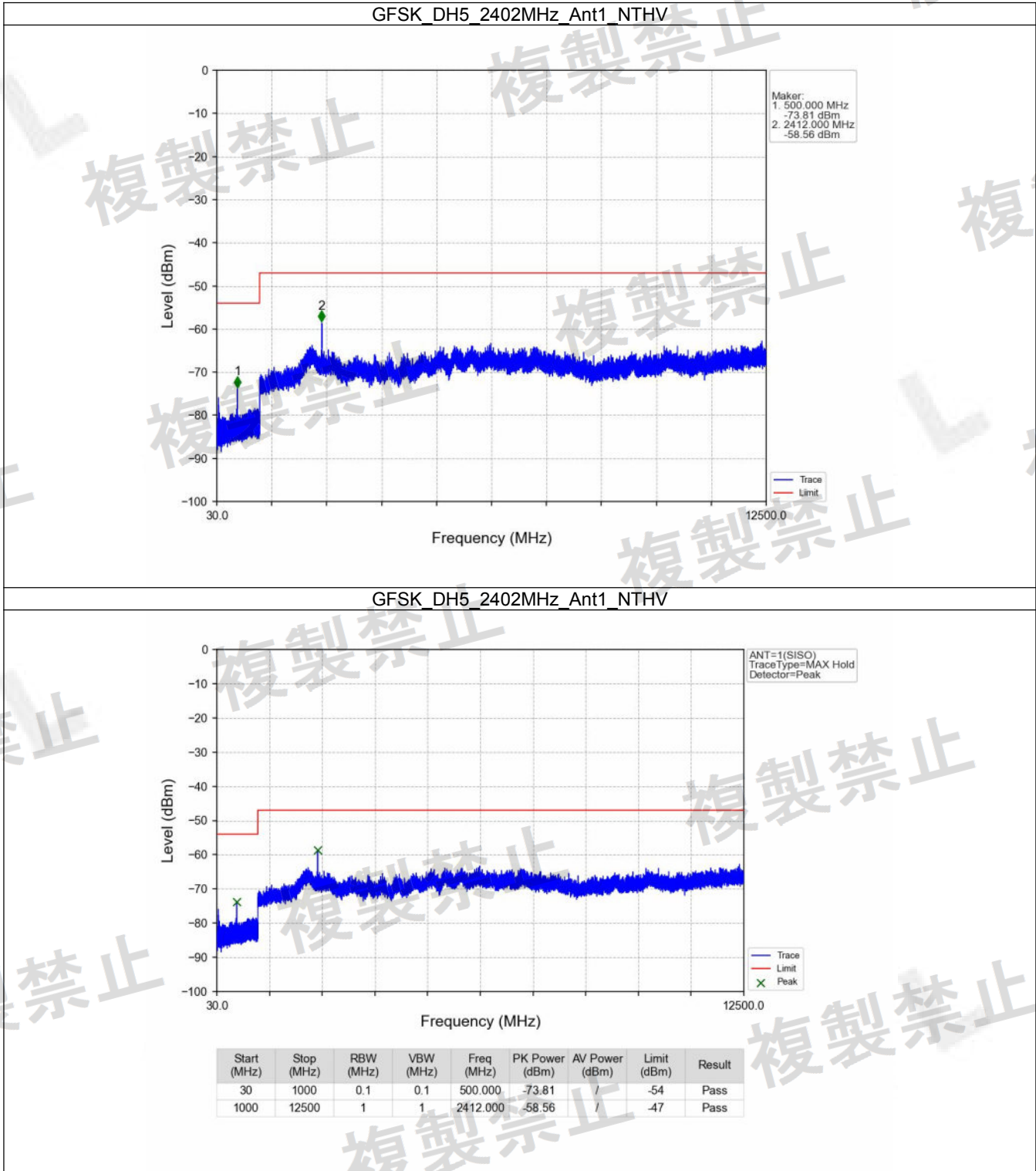


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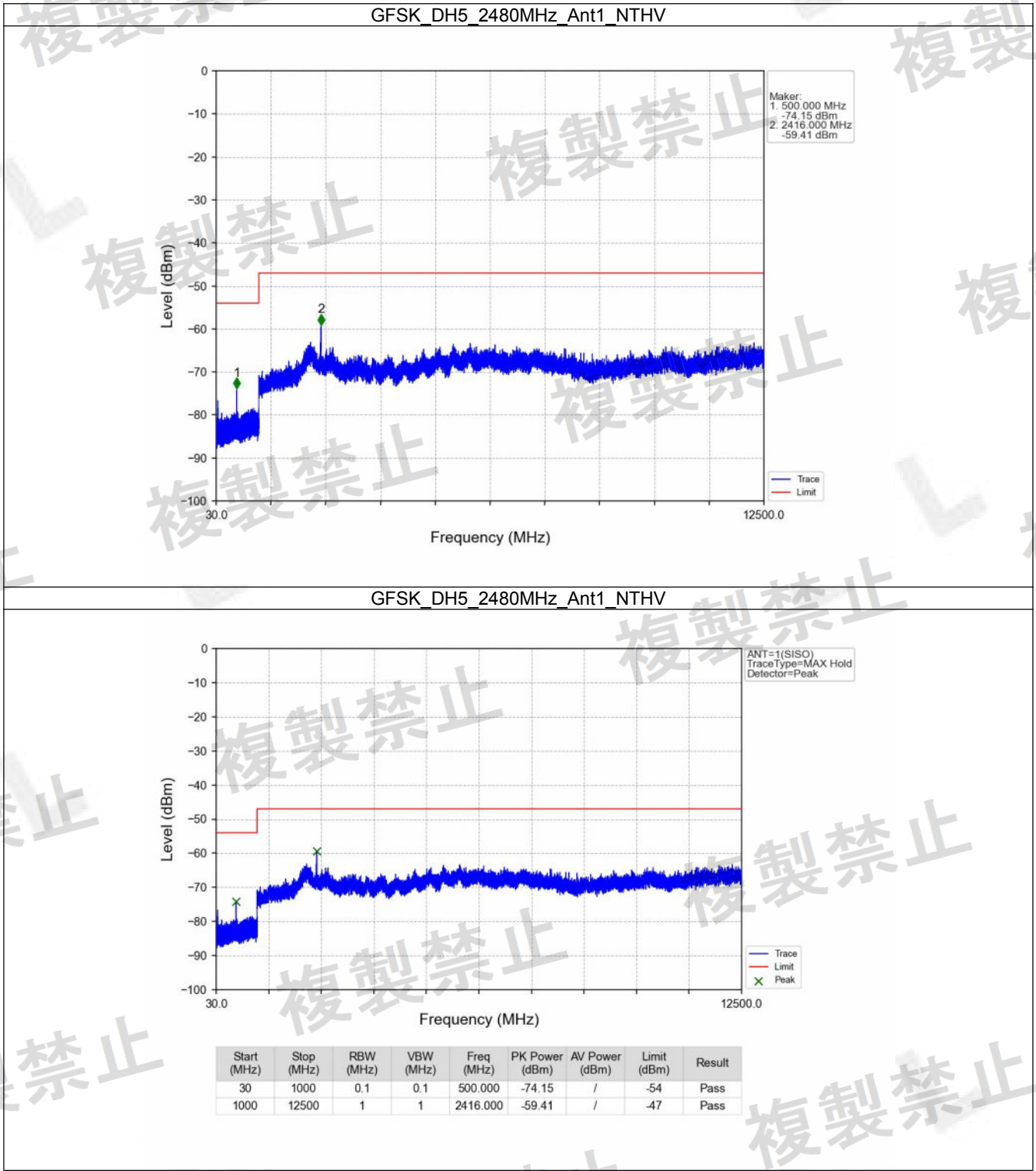


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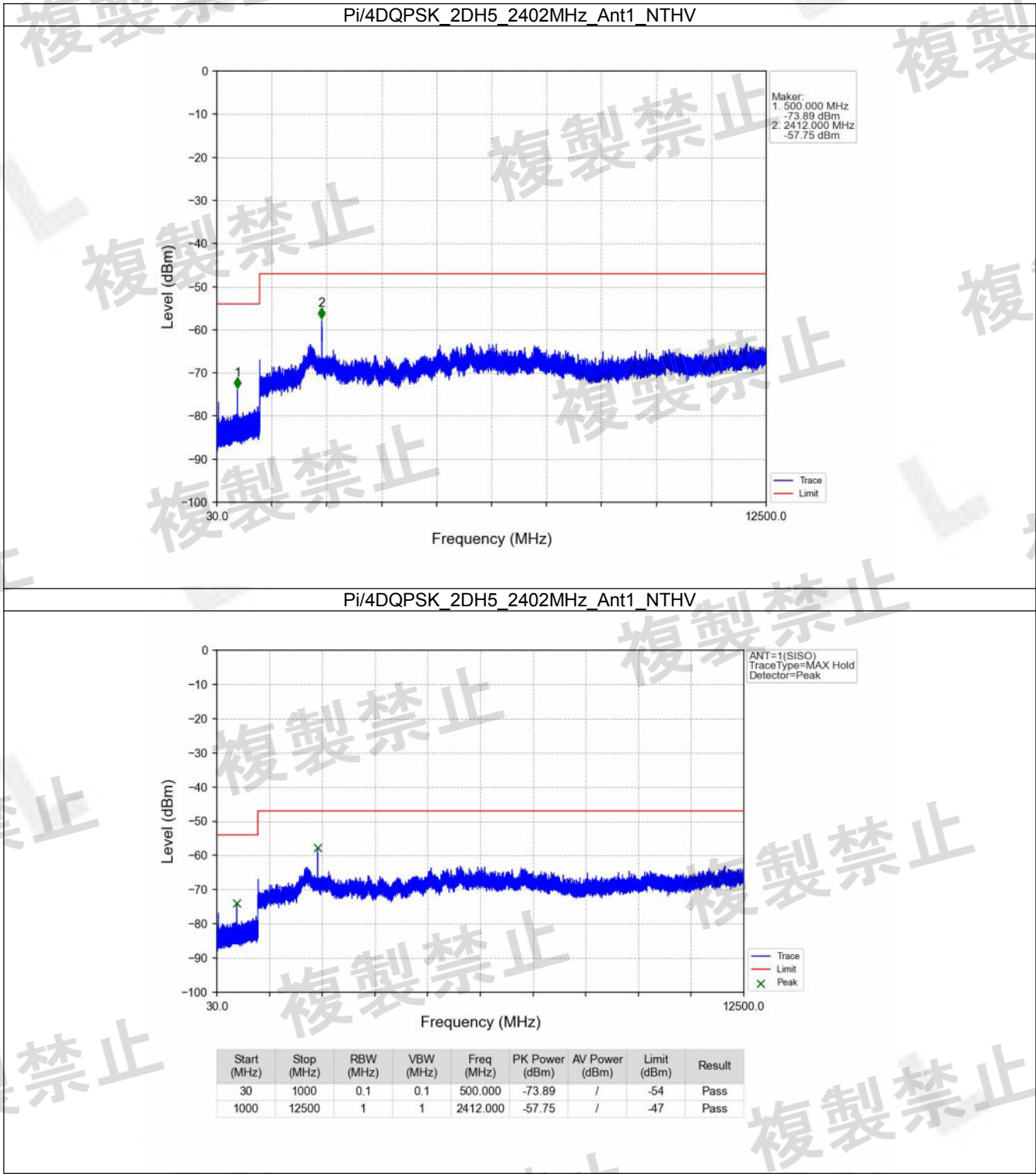
7.2.3 RxSe_NTHV



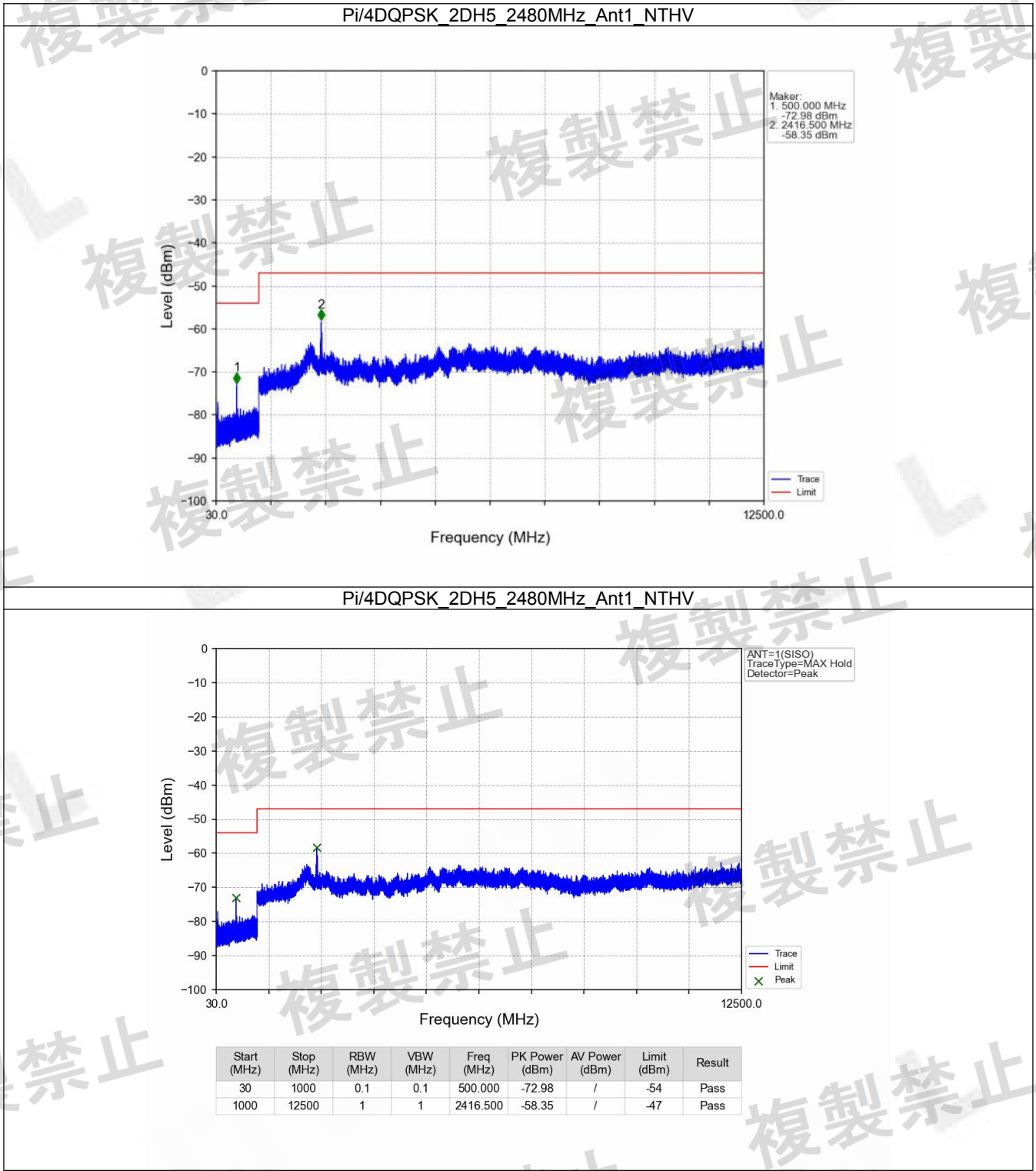
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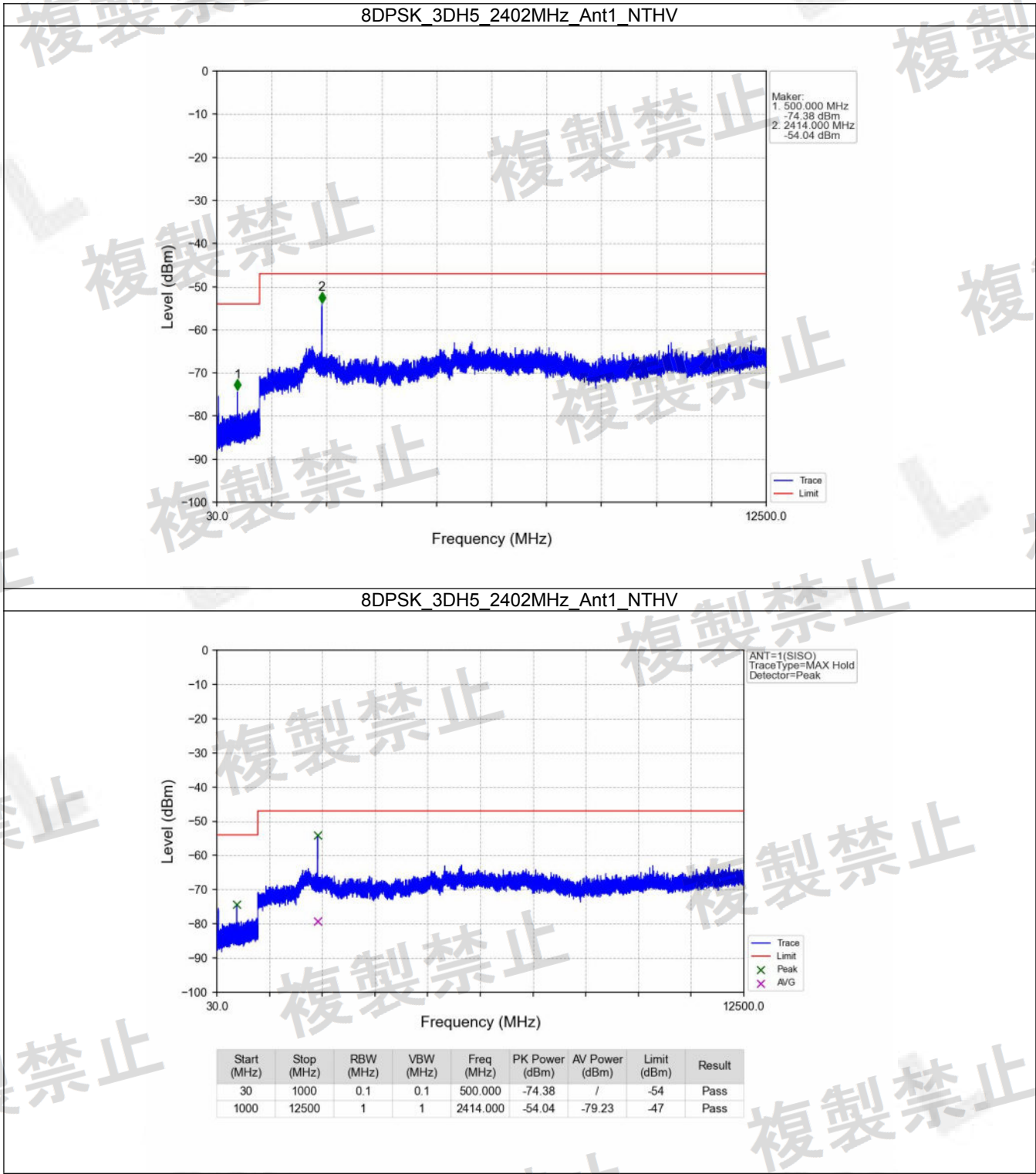
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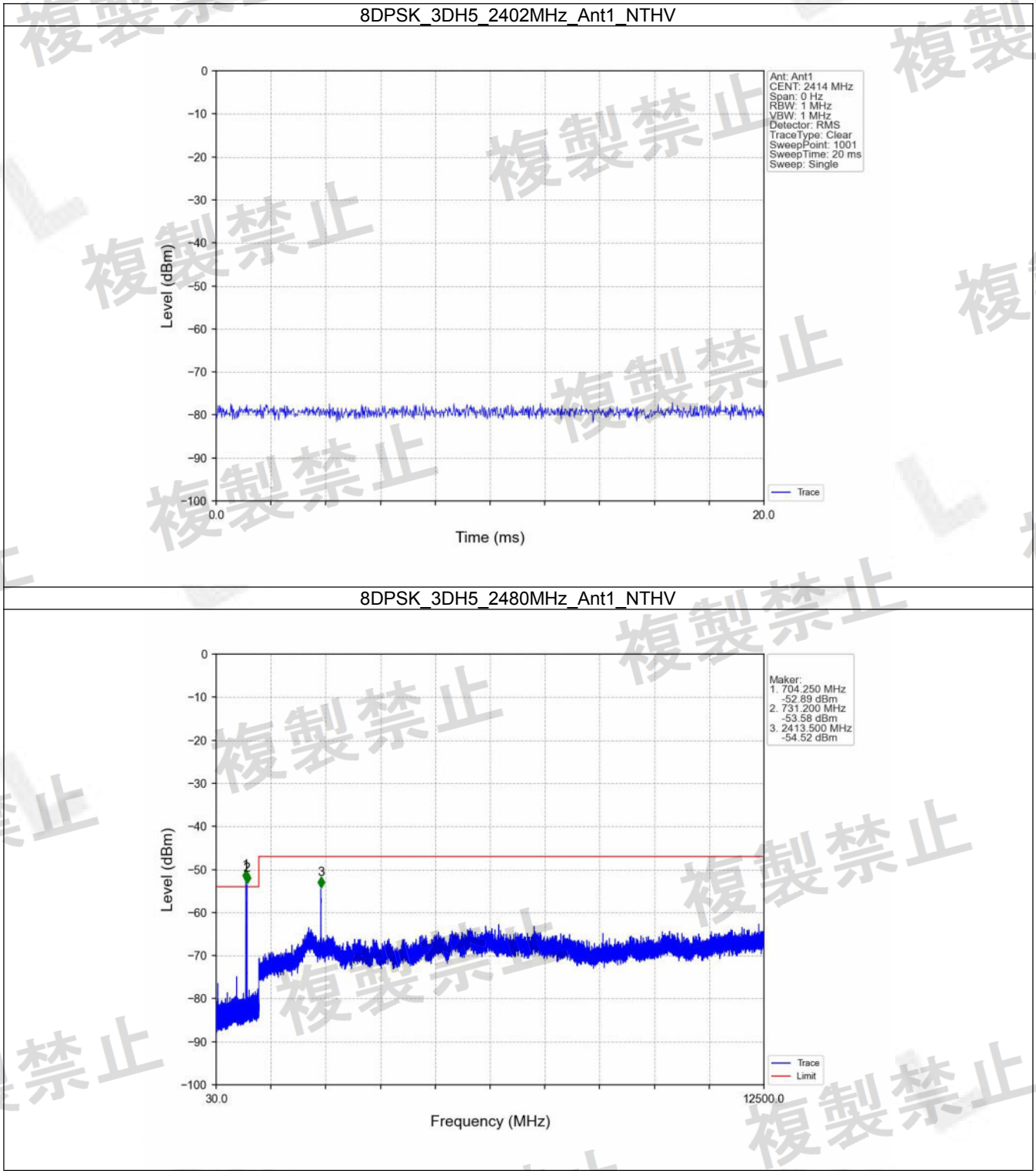
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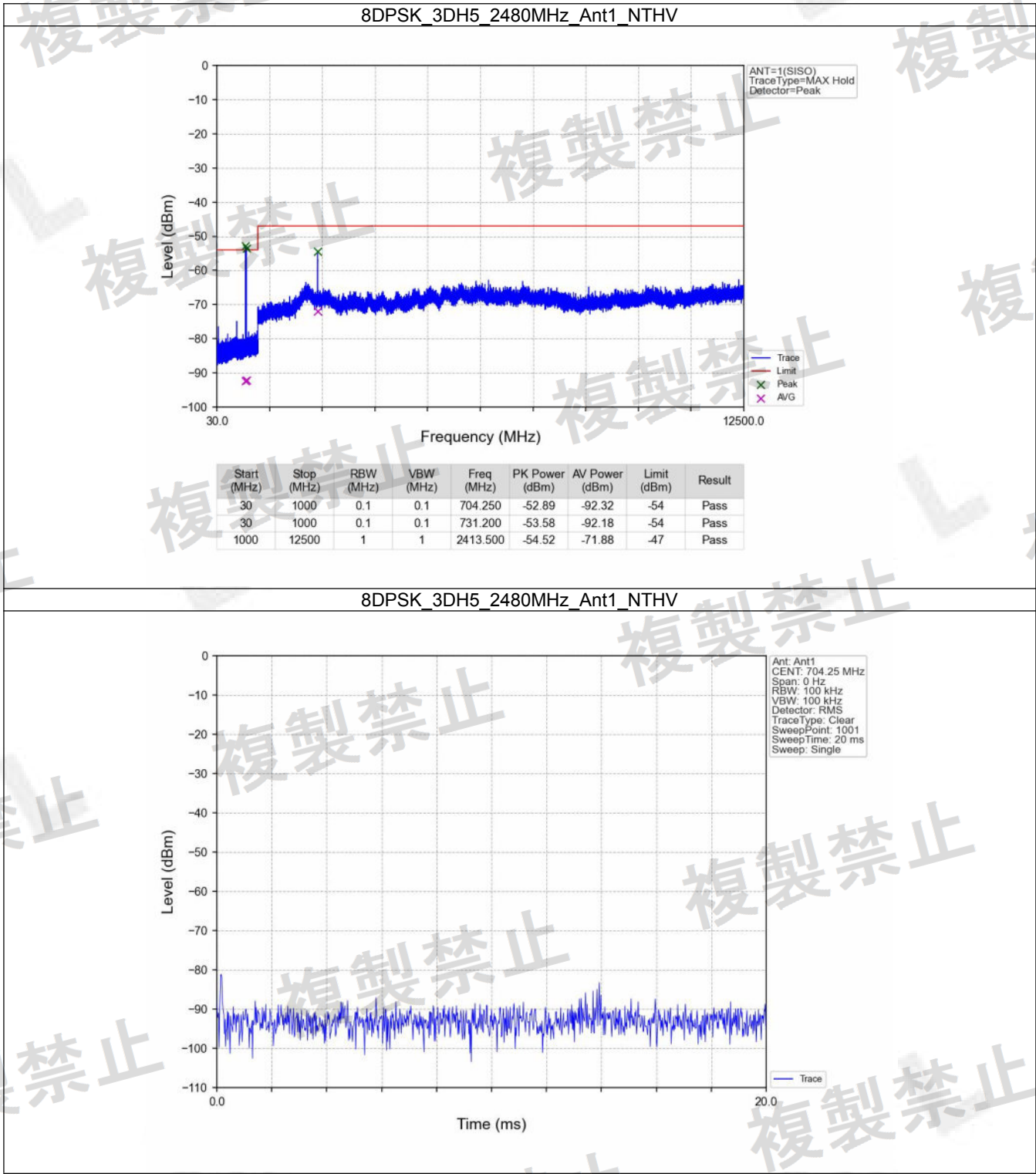
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