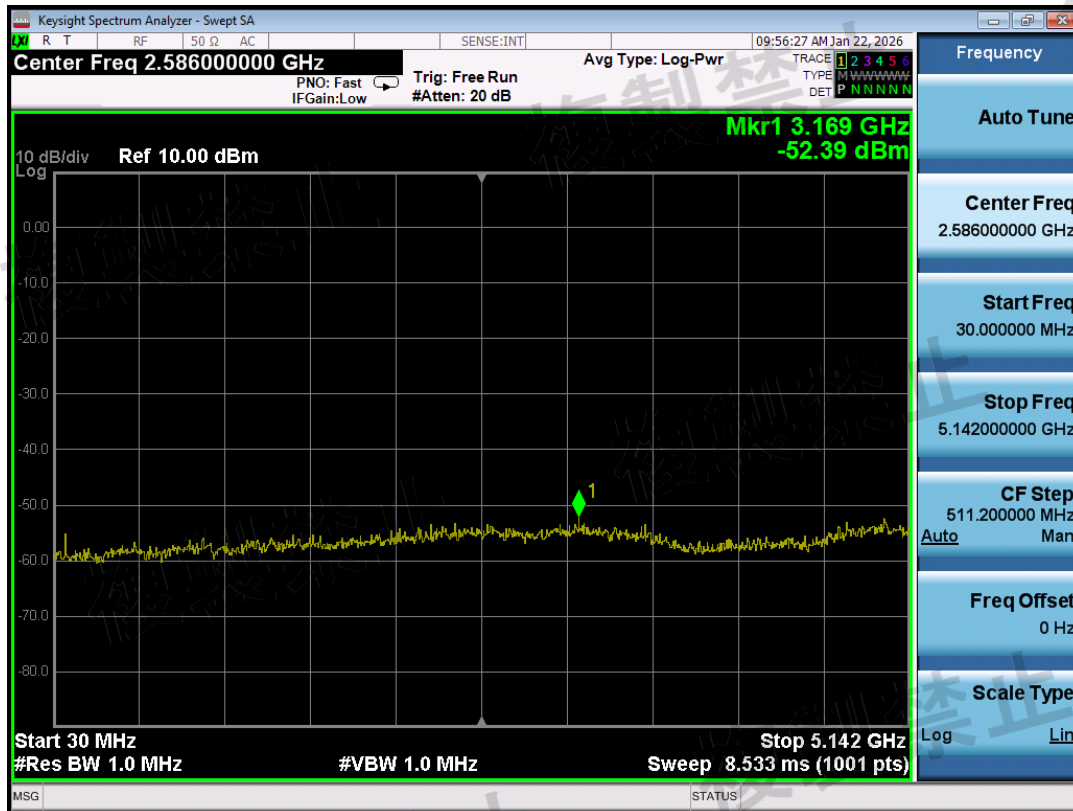
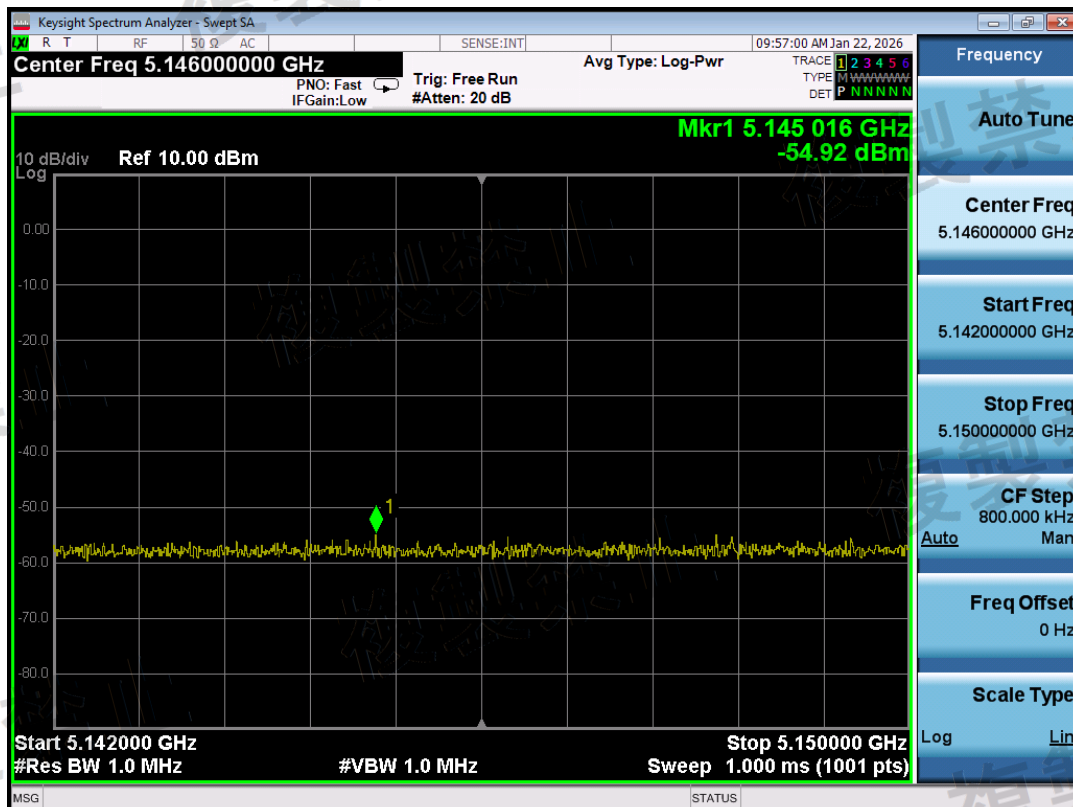


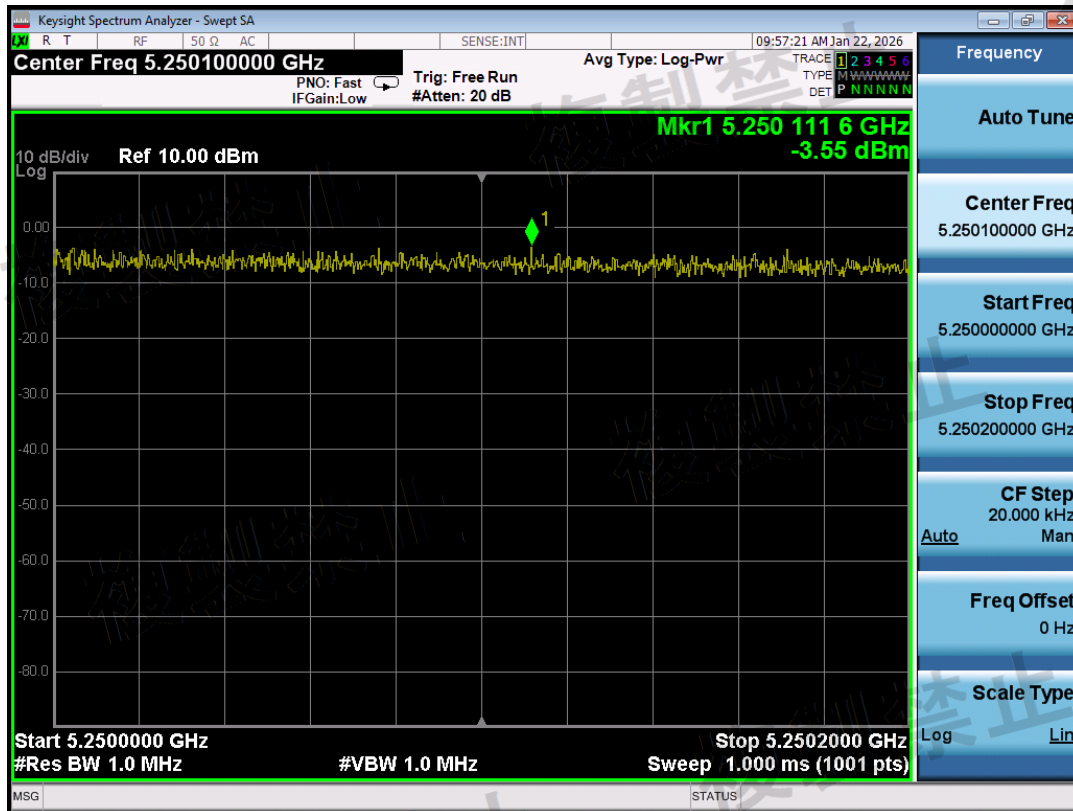
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 30 ~ 5142MHz



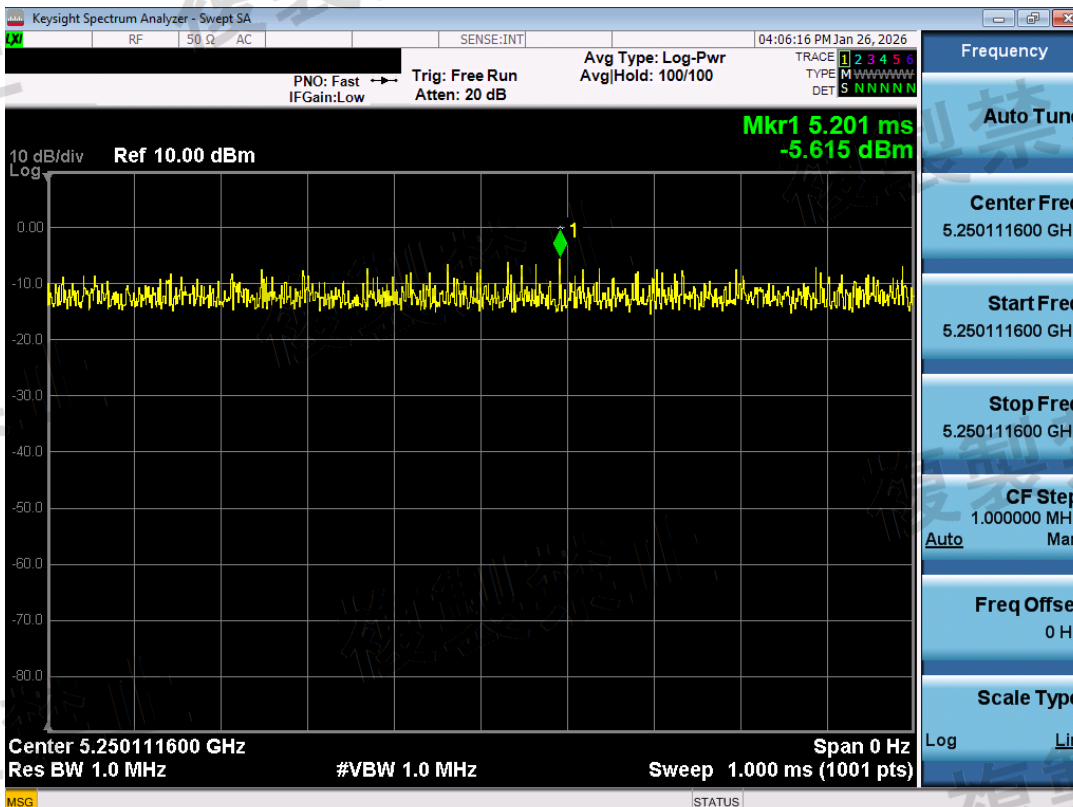
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5142 ~ 5150 MHz



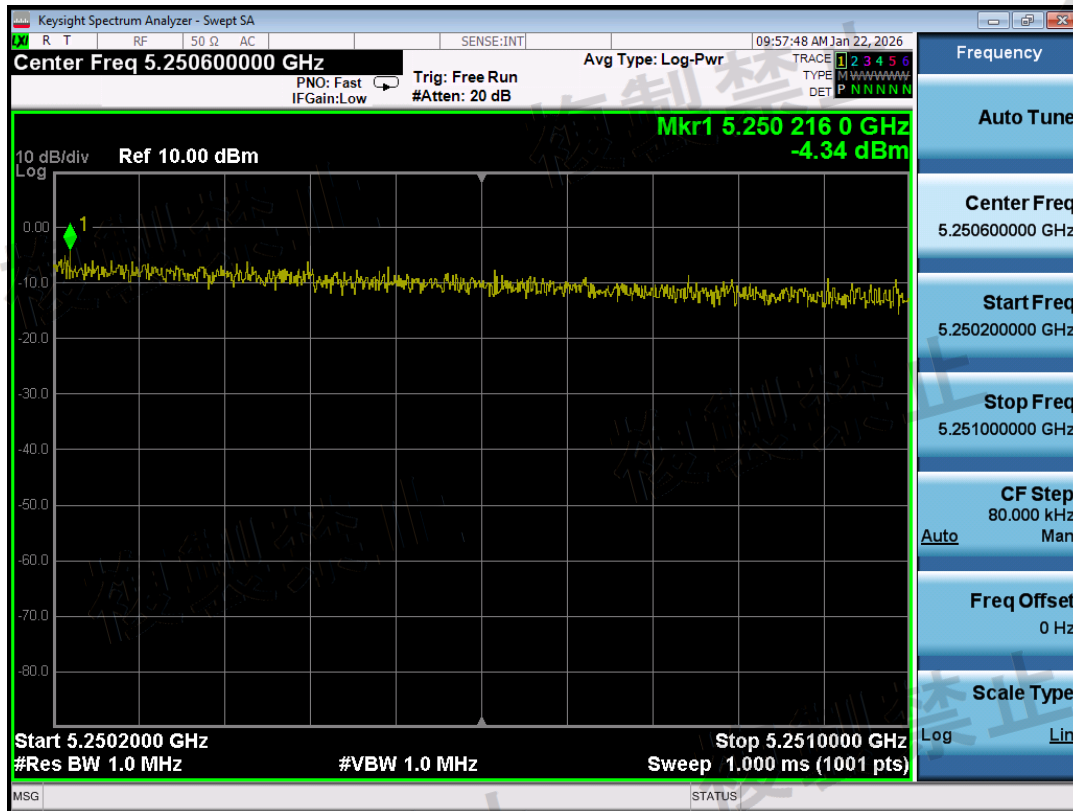
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5250 ~ 5250.2 MHz



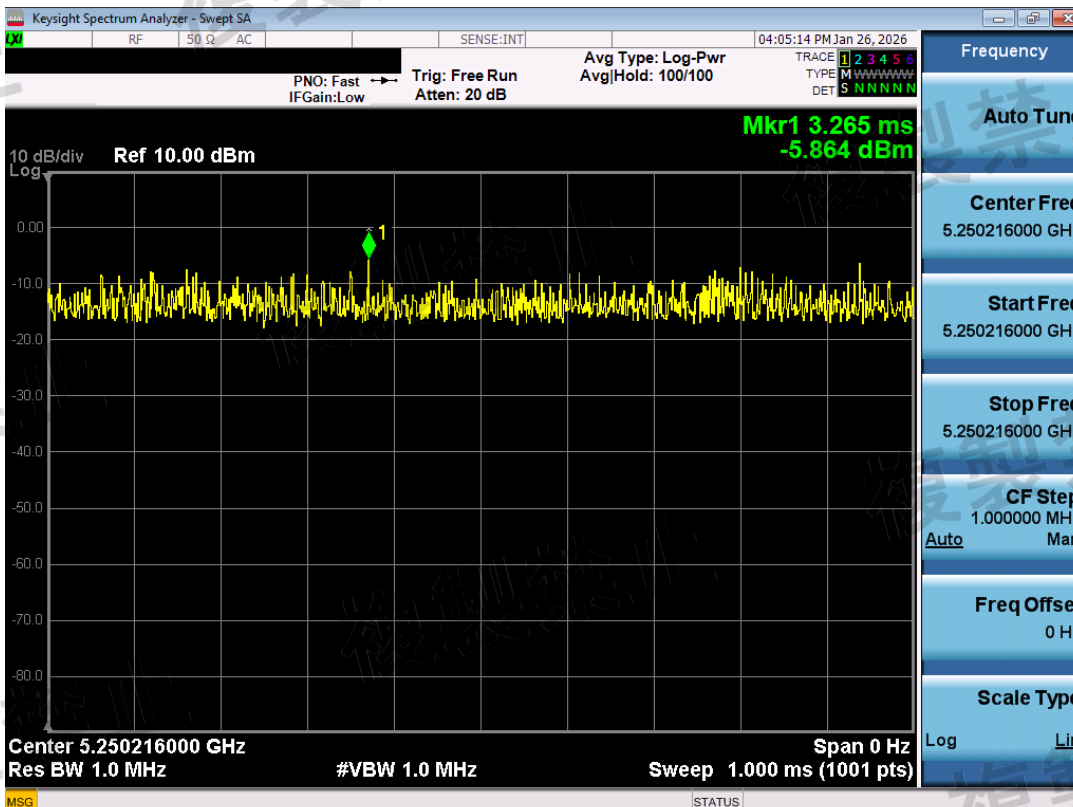
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5250 ~ 5250.2 MHz _Sample



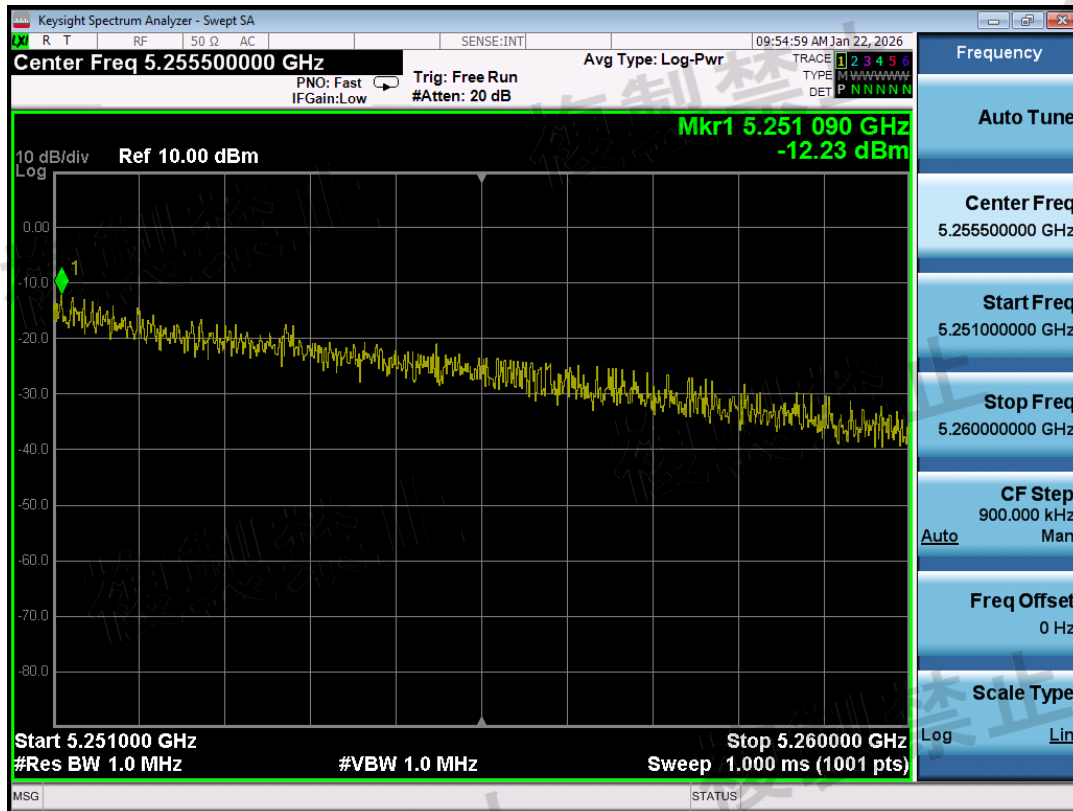
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5250 ~ 5250.2 MHz



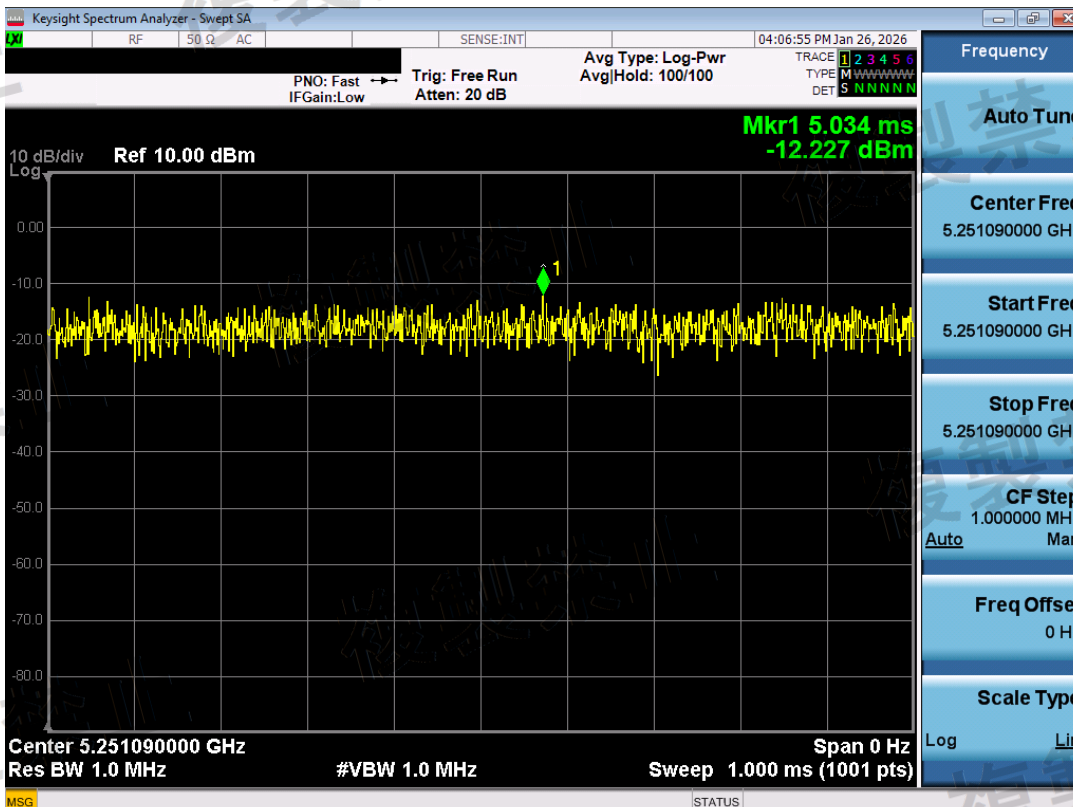
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5250 ~ 5250.2 MHz _Sample



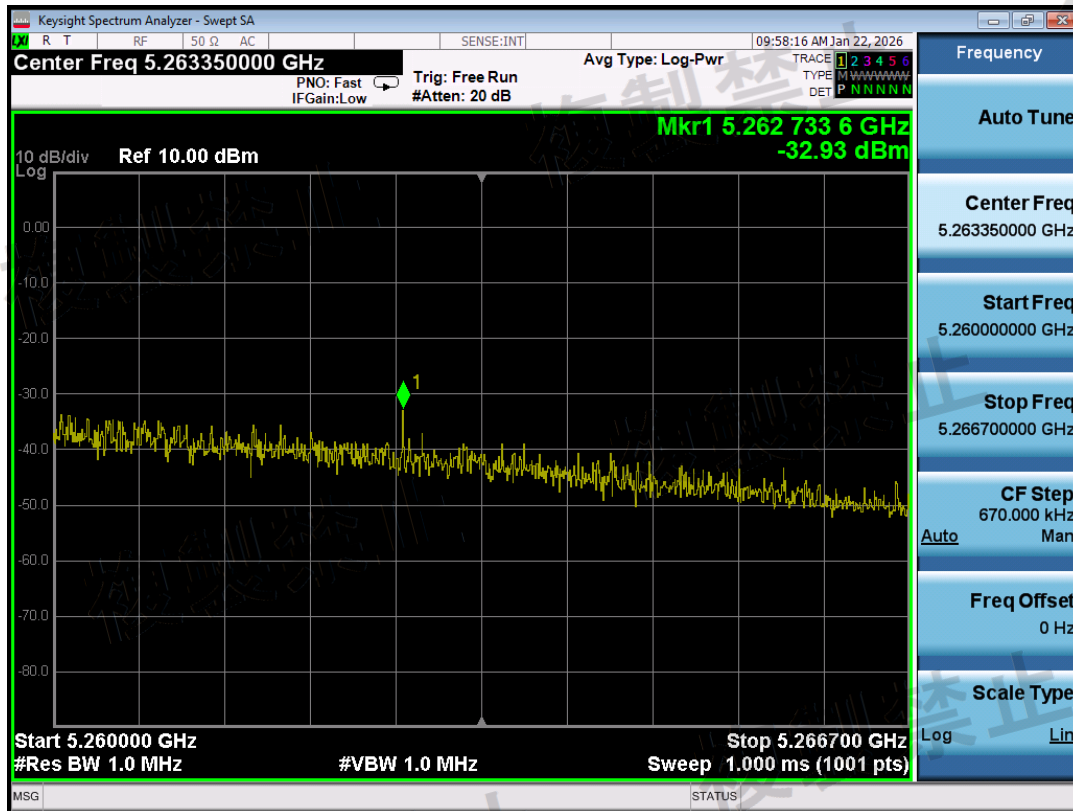
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5251 ~ 5260 MHz



Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5251 ~ 5260 MHz _Sample



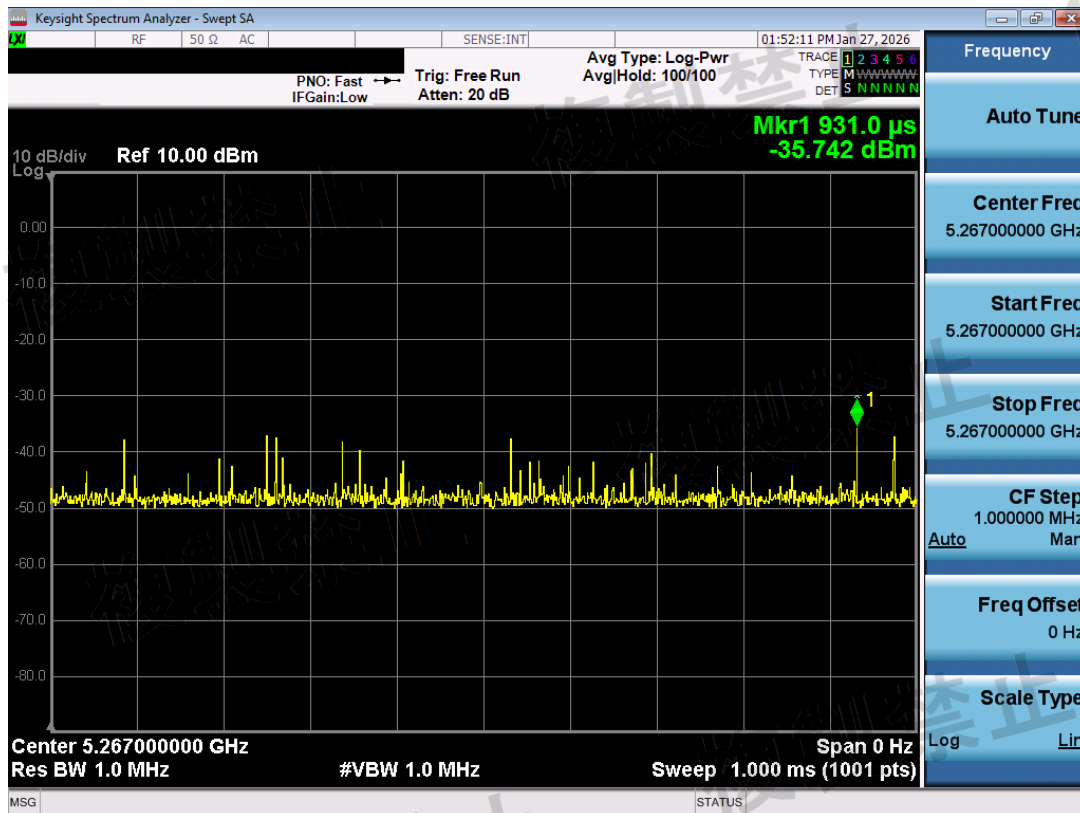
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5260 ~ 5266.7 MHz



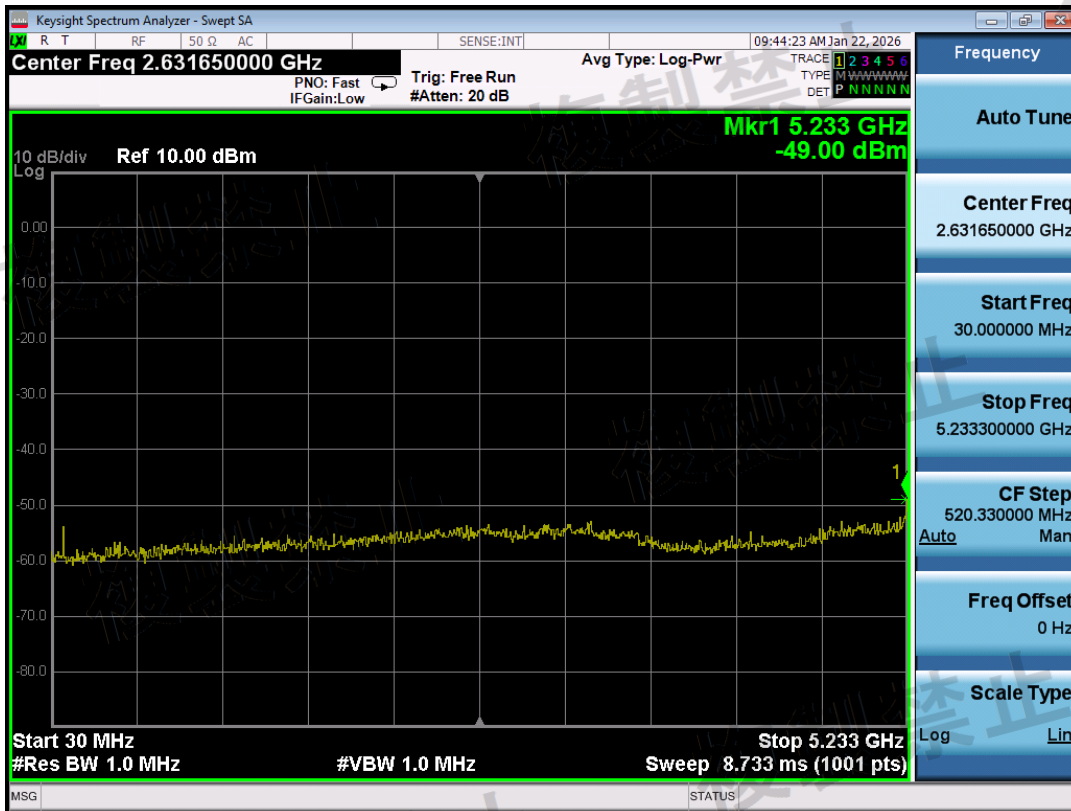
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5266.7 ~ 26000MHz



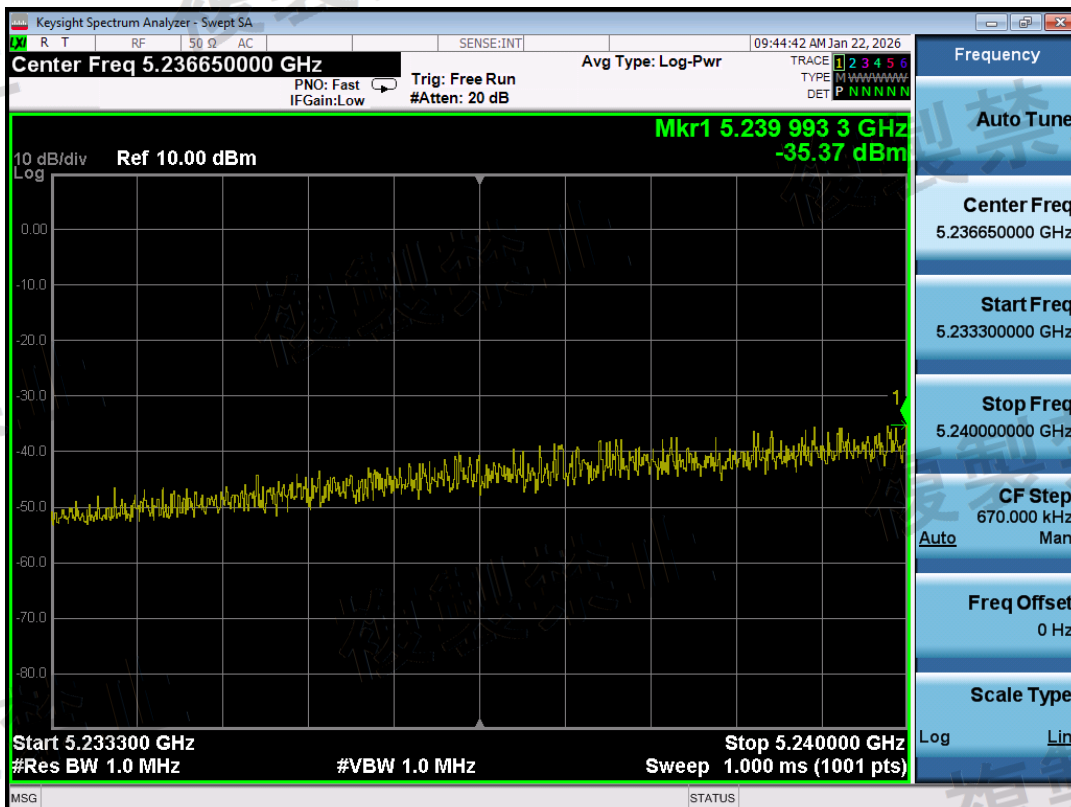
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5266.7 ~ 26000MHz _Sample



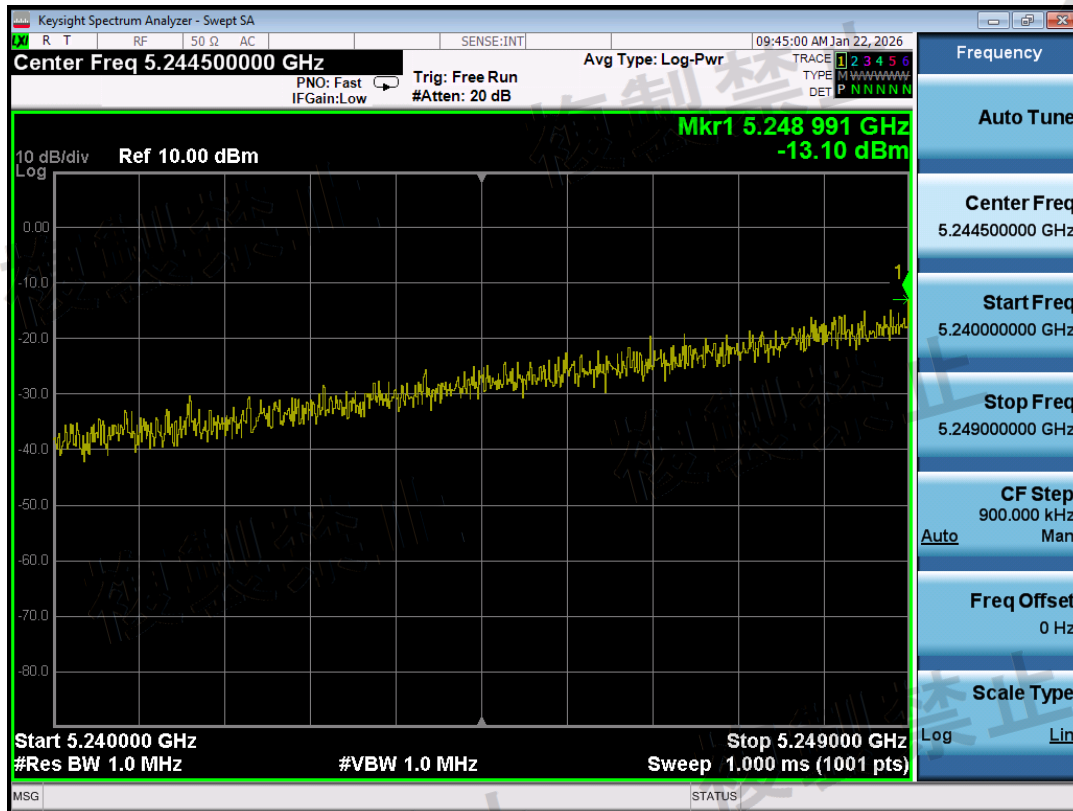
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5260MHz : 30 ~ 5233.3MHz



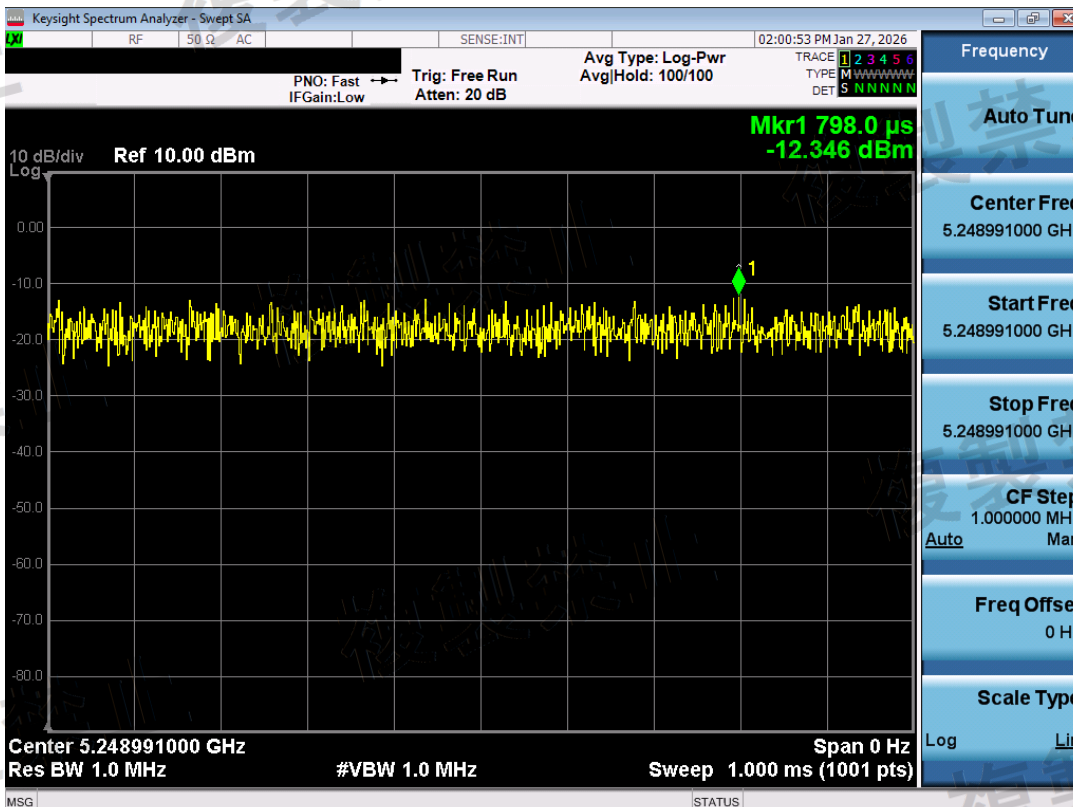
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5260MHz : 5233.3 ~ 5240 MHz



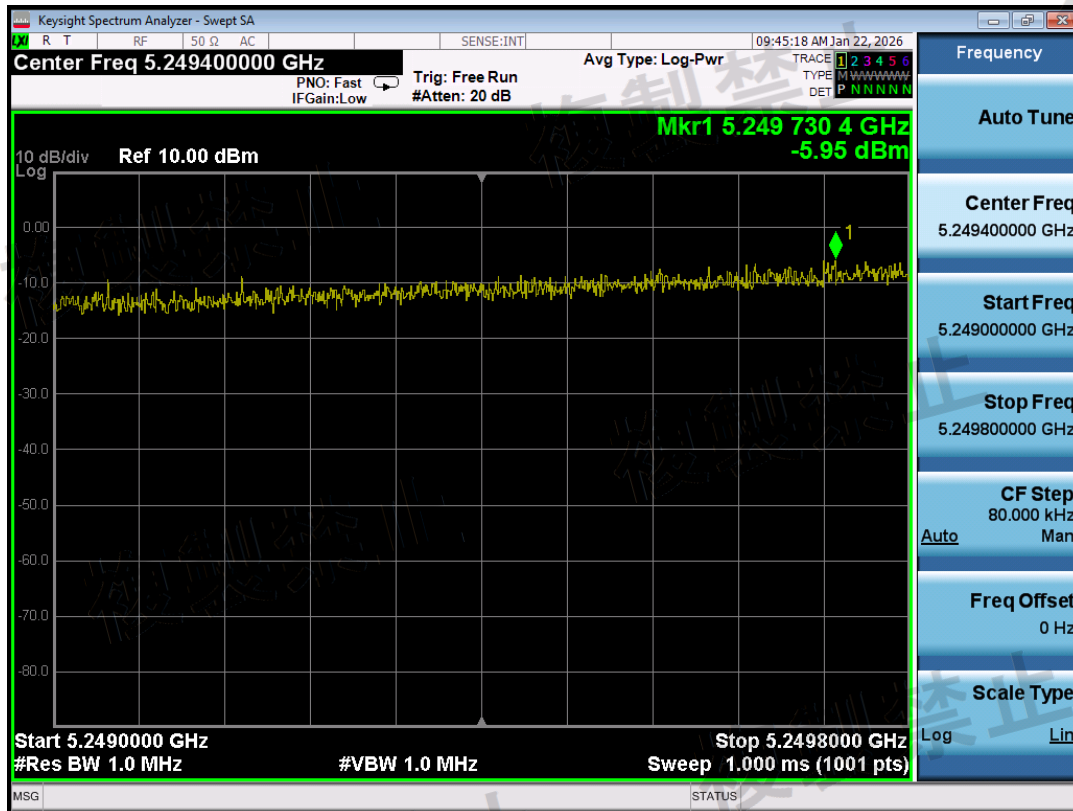
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5260MHz : 5240 ~ 5249 MHz



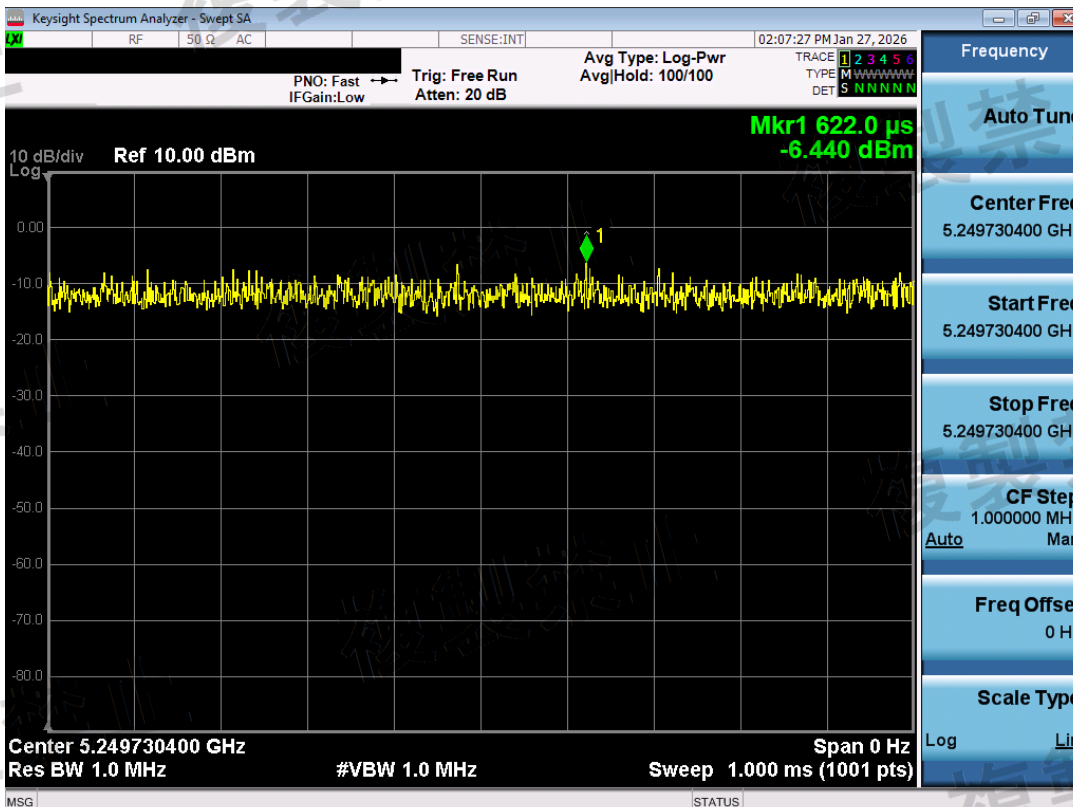
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5260MHz : 5240 ~ 5249 MHz _Sample



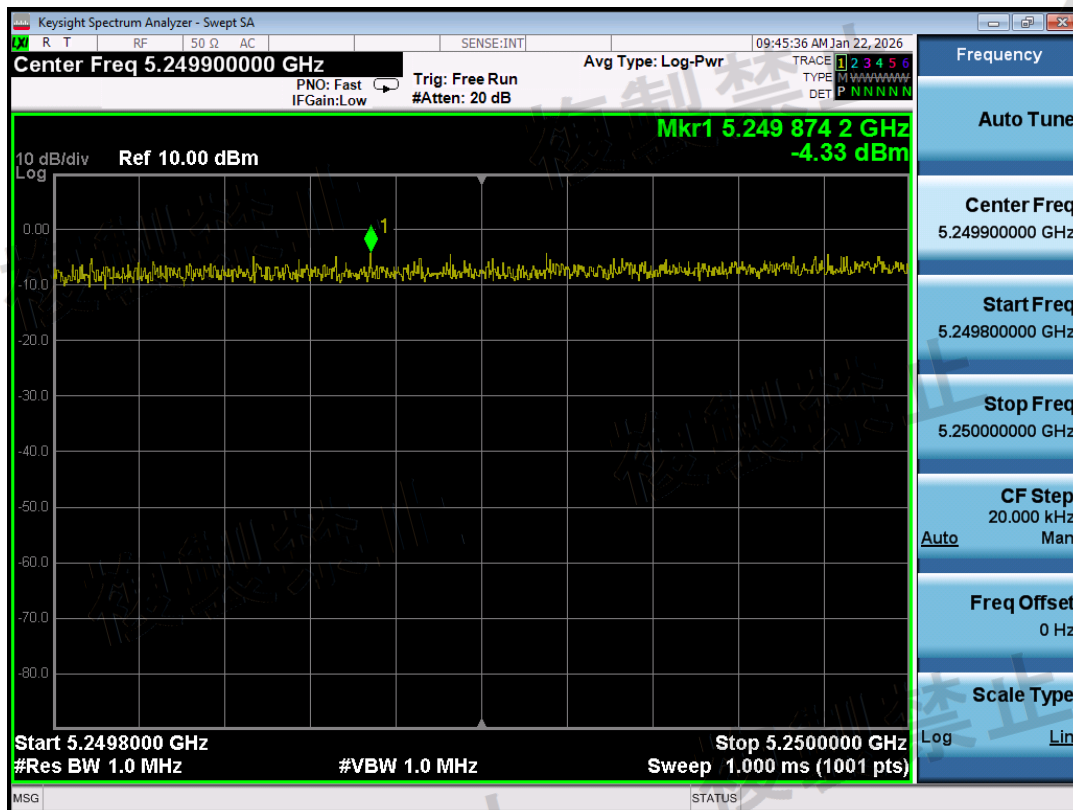
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5260MHz : 5249 ~ 5249.8 MHz



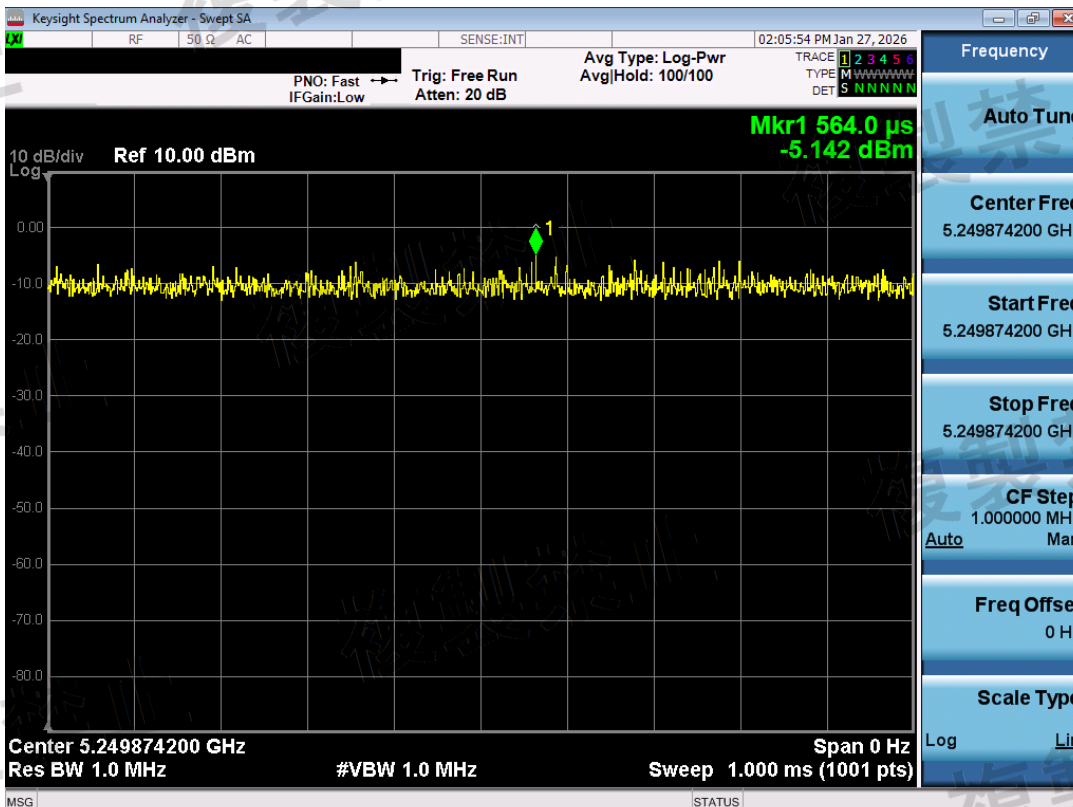
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5260MHz : 5249 ~ 5249.8 MHz _Sample



Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5260MHz : 5249.8 ~ 5250 MHz



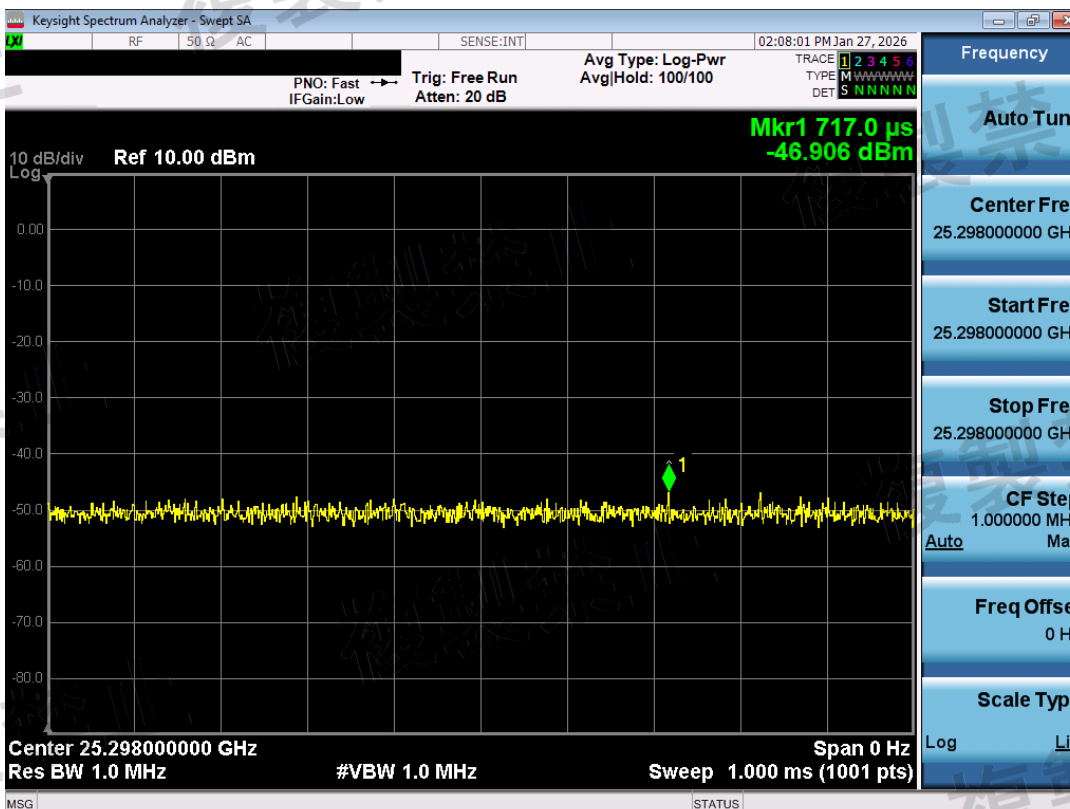
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5260MHz : 5249.8 ~ 5250 MHz _Sample



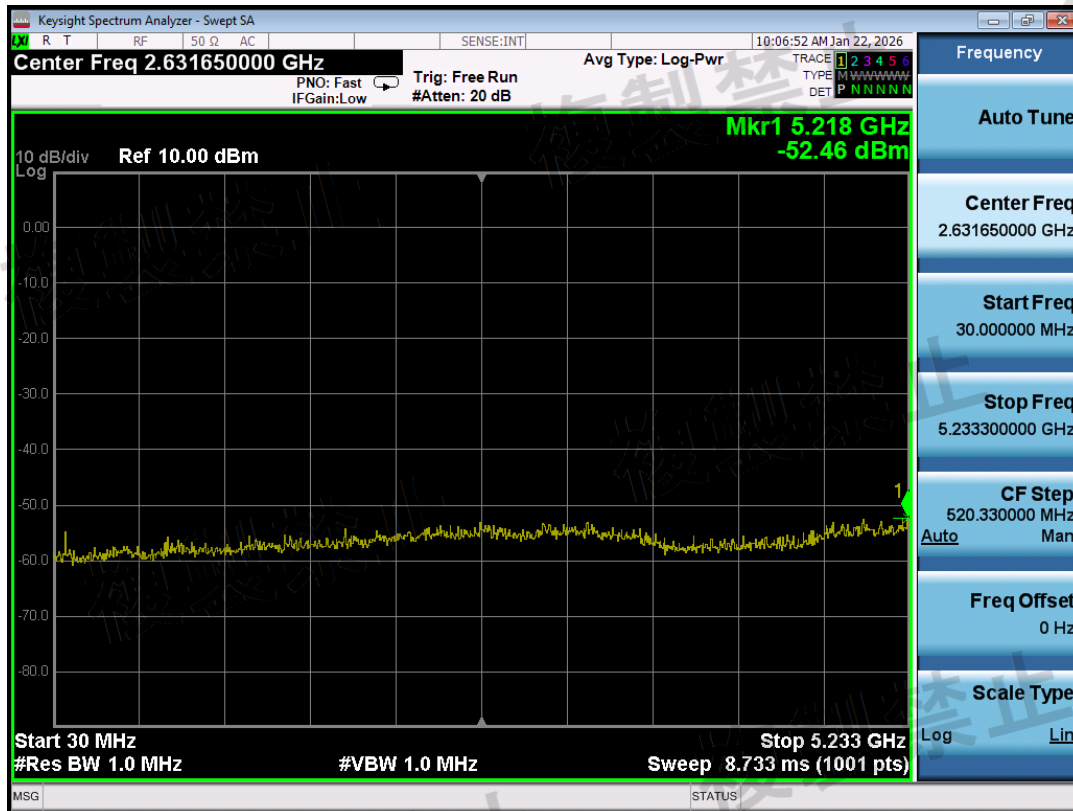
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5260MHz : 5350 ~ 26000MHz



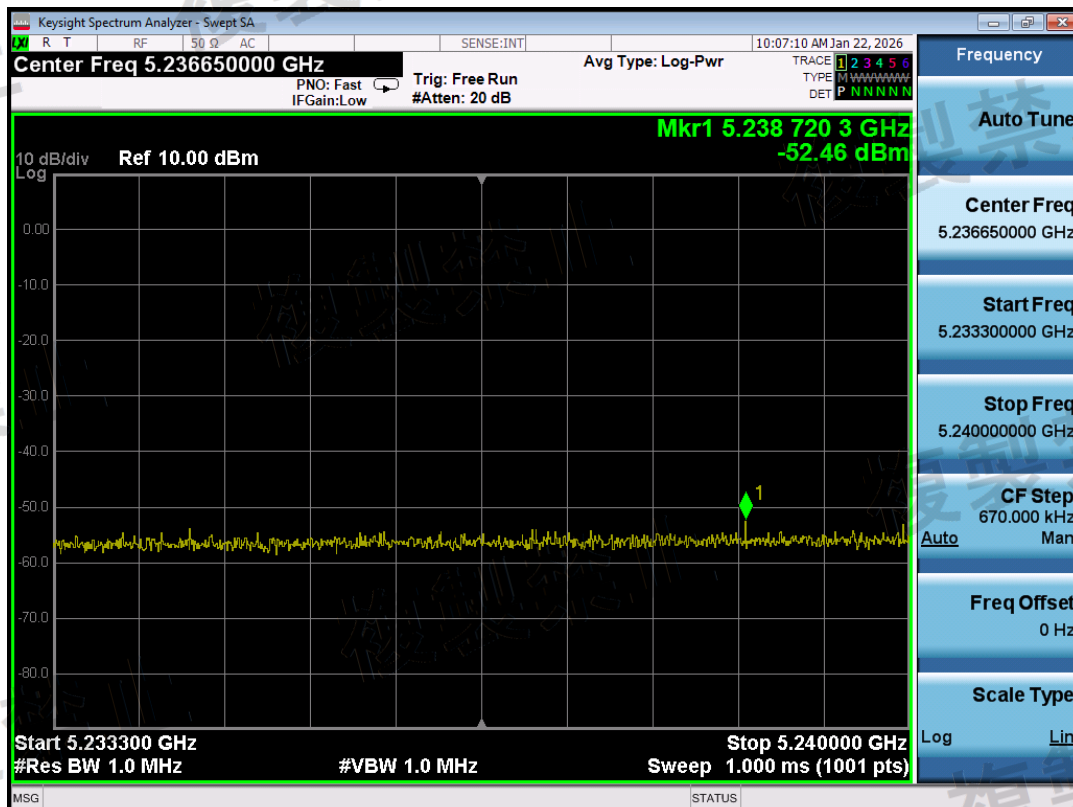
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5260MHz : 5350 ~ 26000MHz _Sample



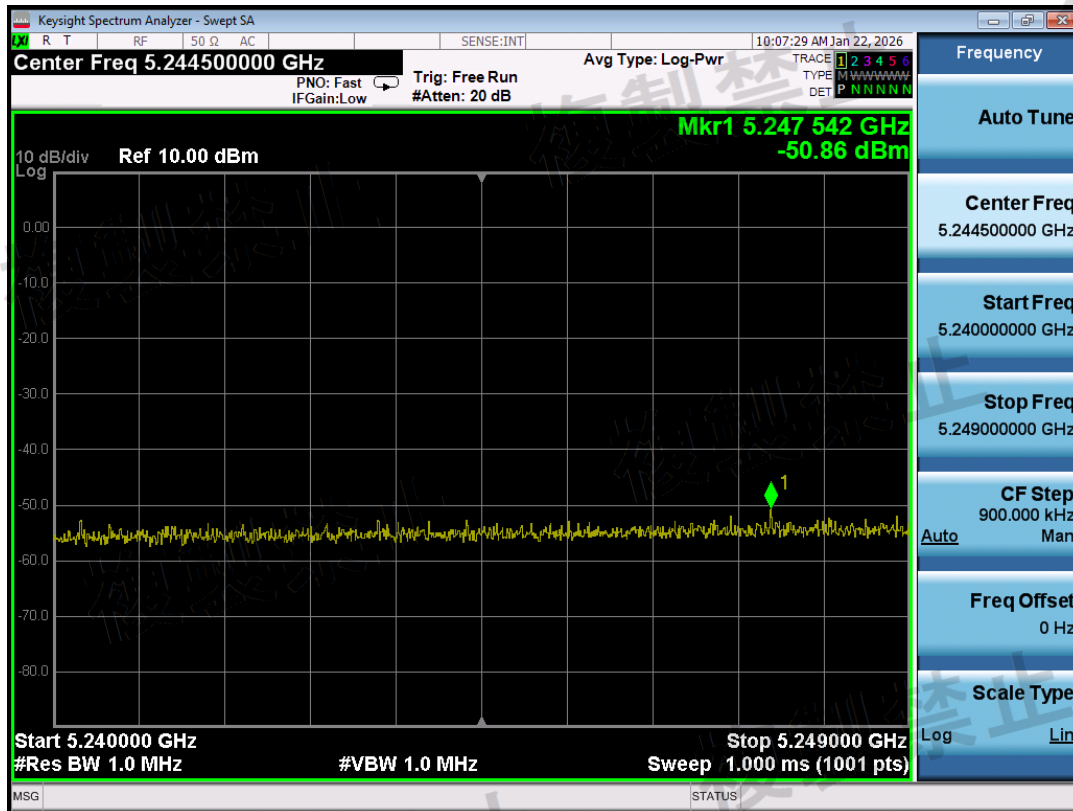
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5300MHz : 30 ~ 5233.3MHz



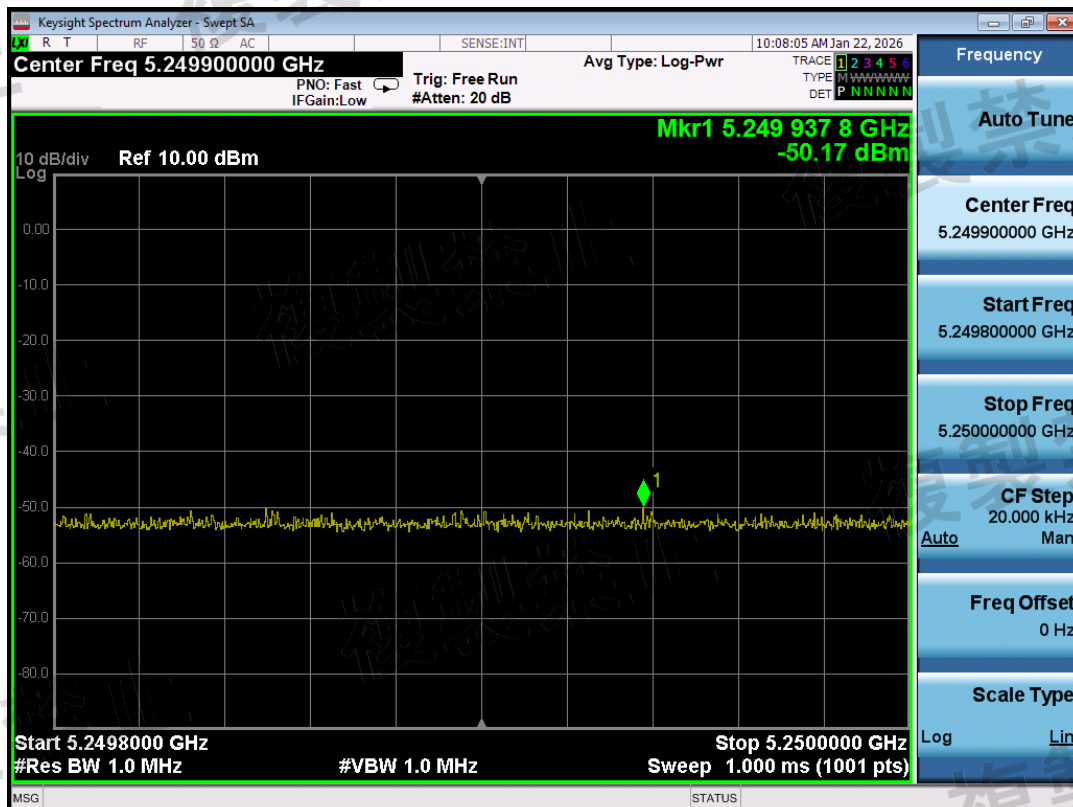
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5300MHz : 5233.3 ~ 5240 MHz



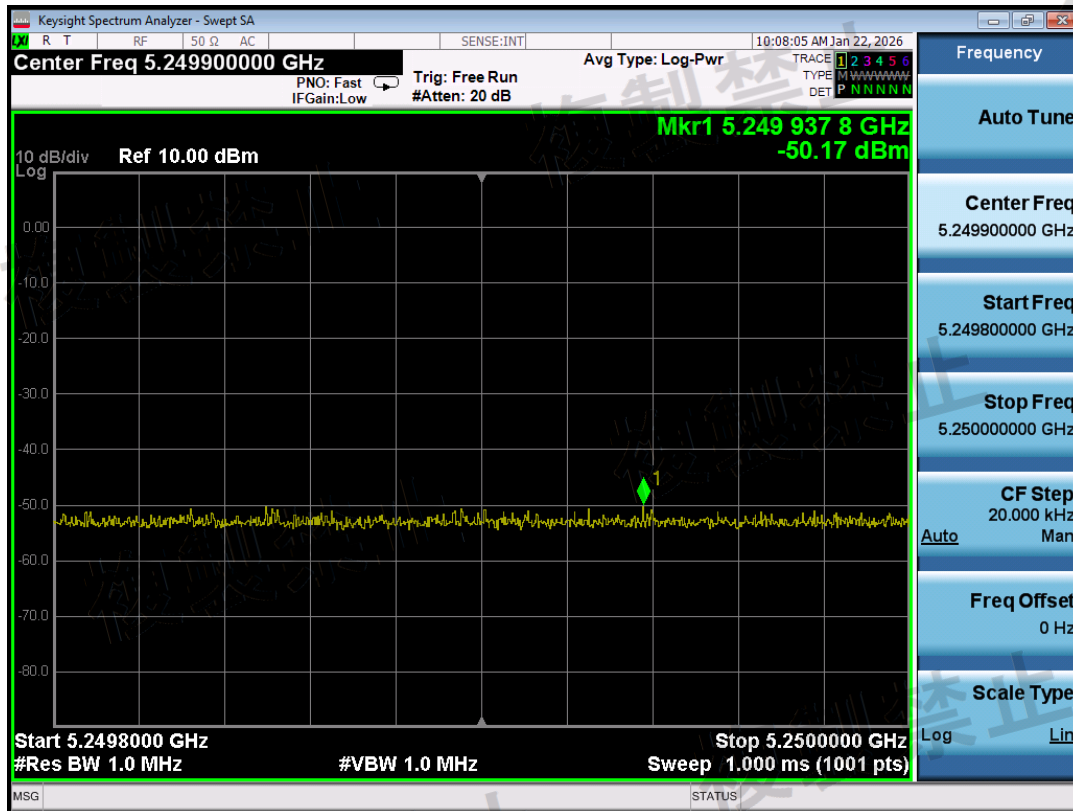
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5300MHz : 5240 ~ 5249 MHz



Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5300MHz : 5249 ~ 5249.8 MHz



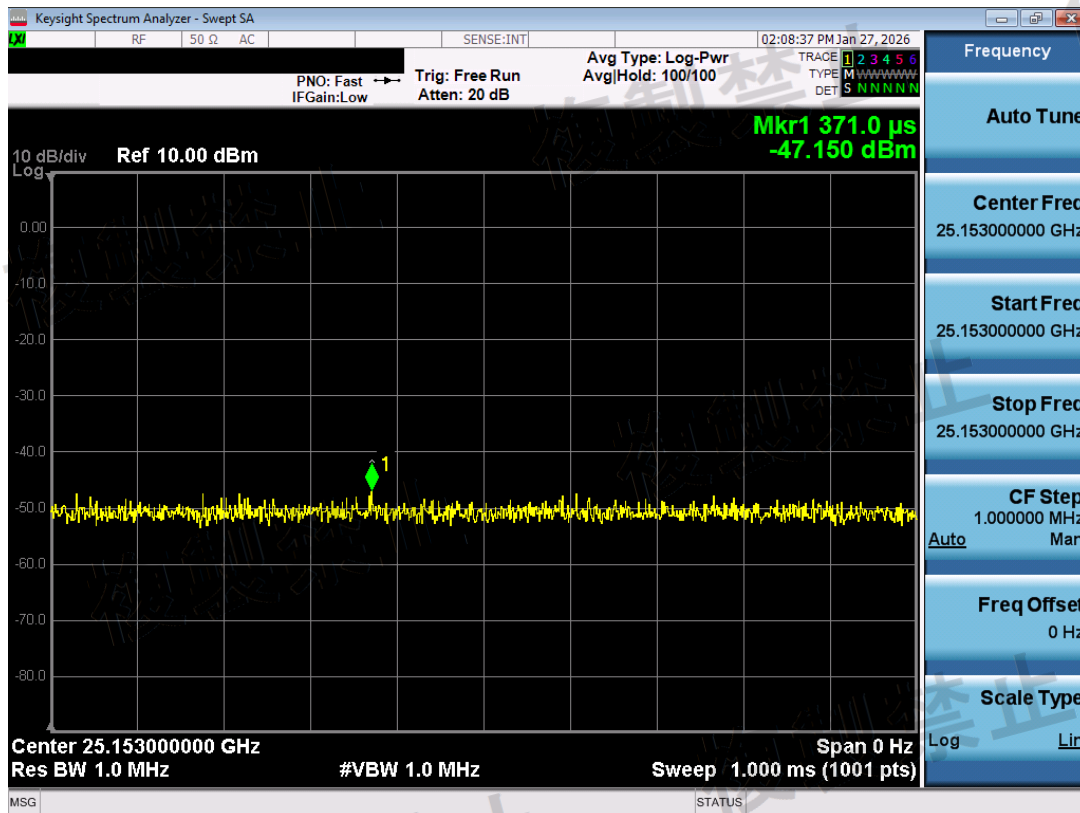
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5300MHz : 5249.8 ~ 5250 MHz



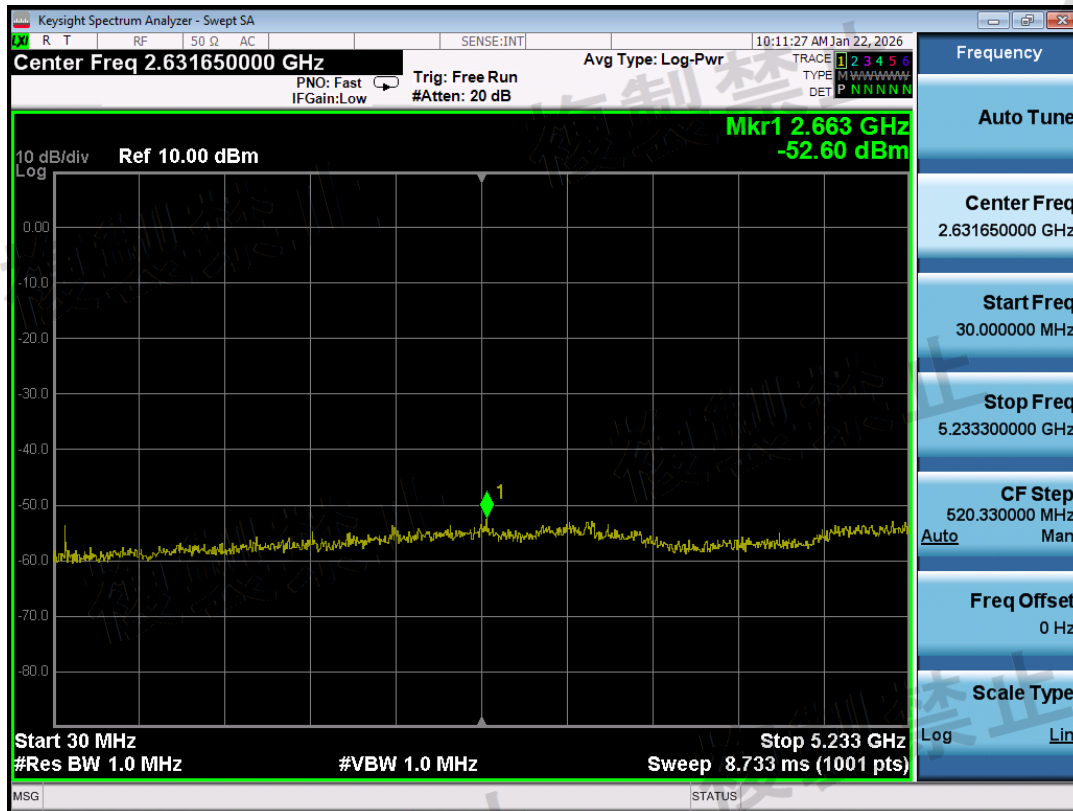
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5300MHz : 5350 ~ 26000MHz



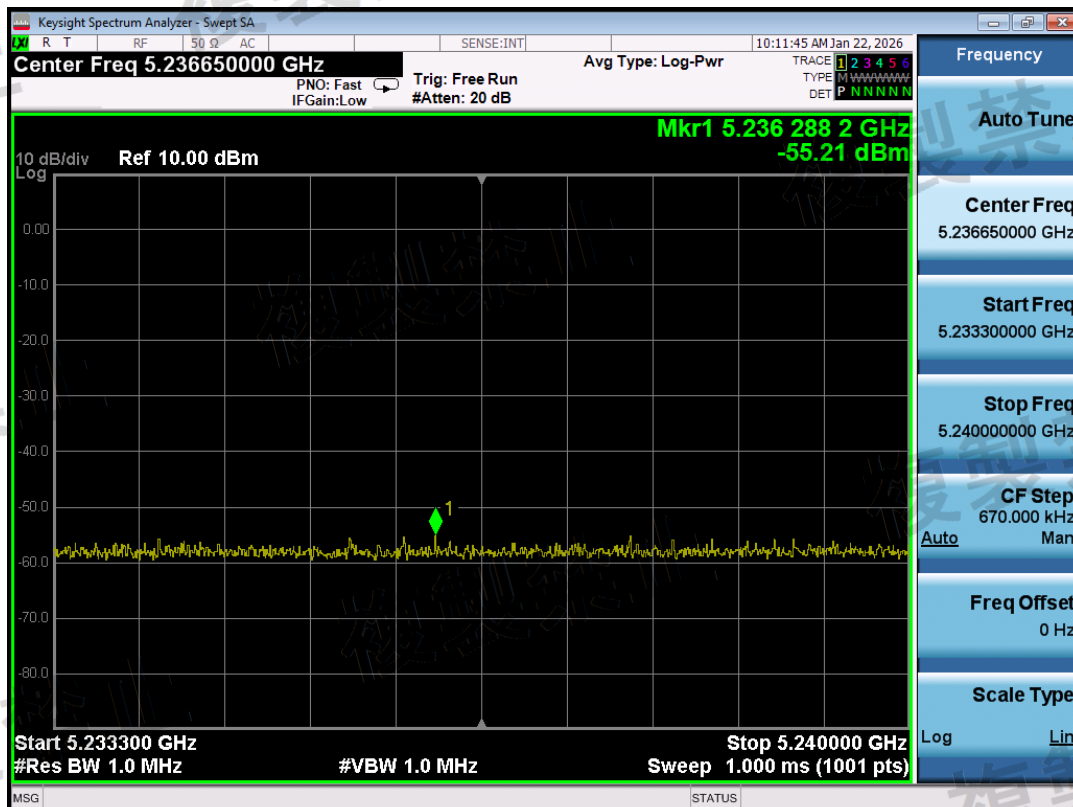
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5300MHz : 5350 ~ 26000MHz _Sample



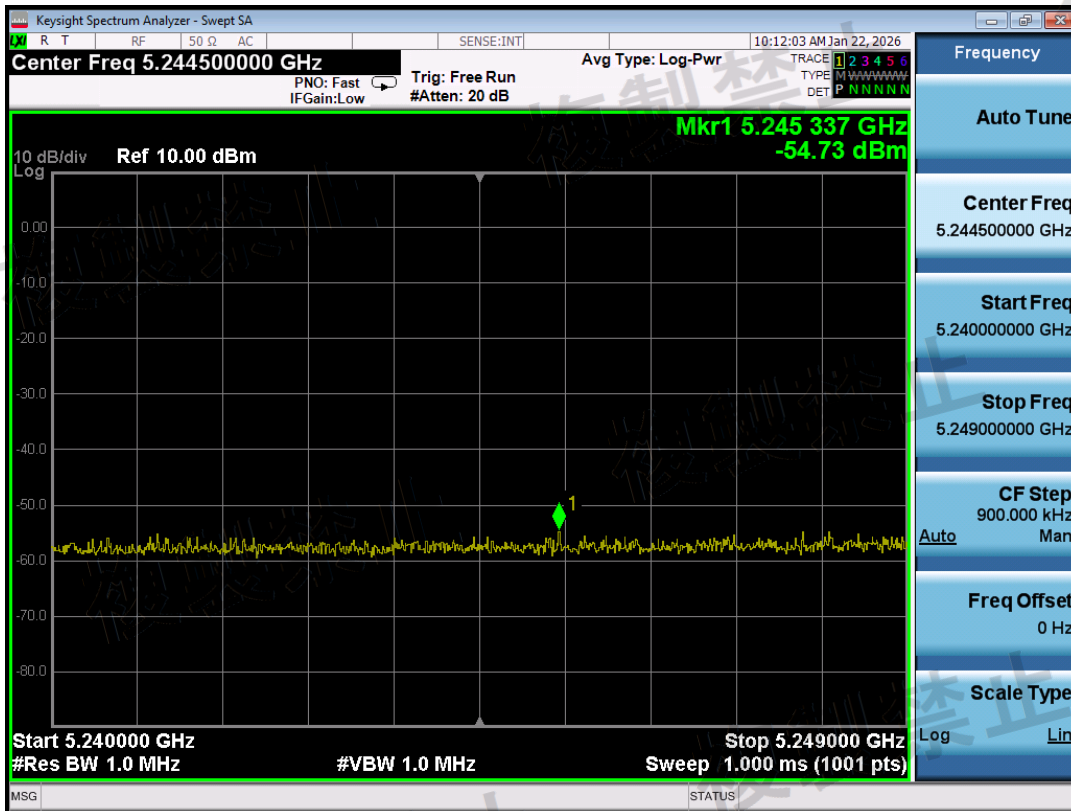
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5320MHz : 30 ~ 5233.3MHz



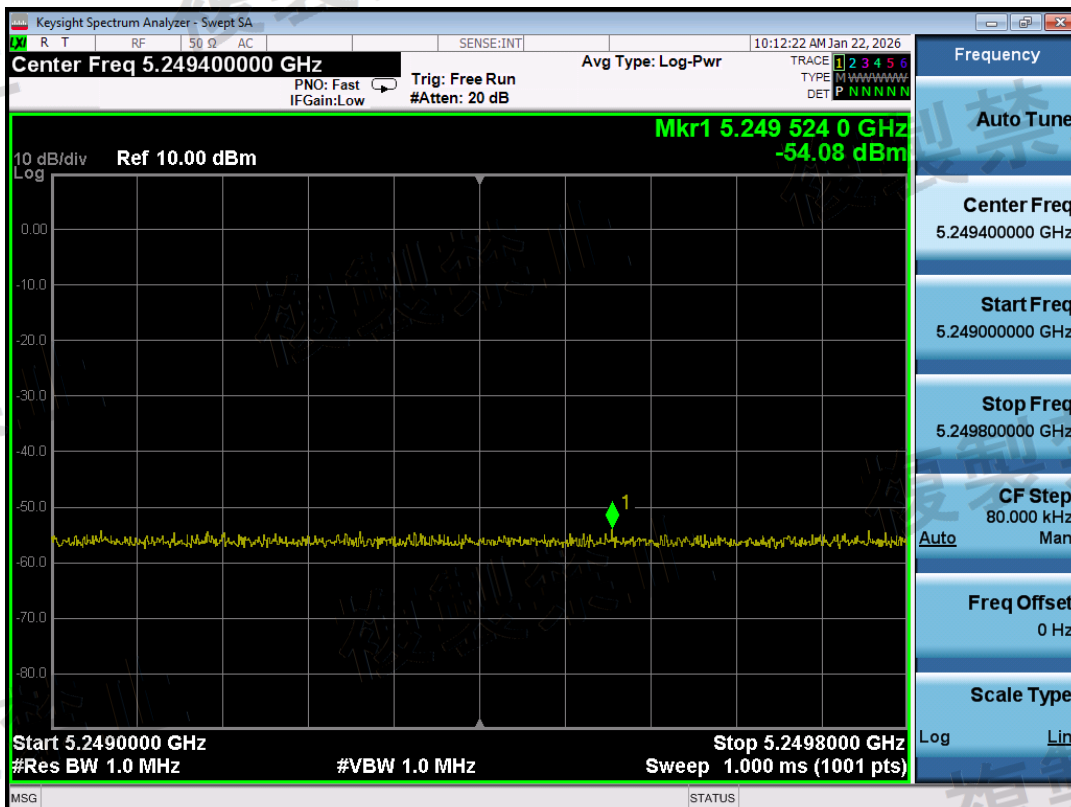
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5320MHz : 5233.3 ~ 5240 MHz



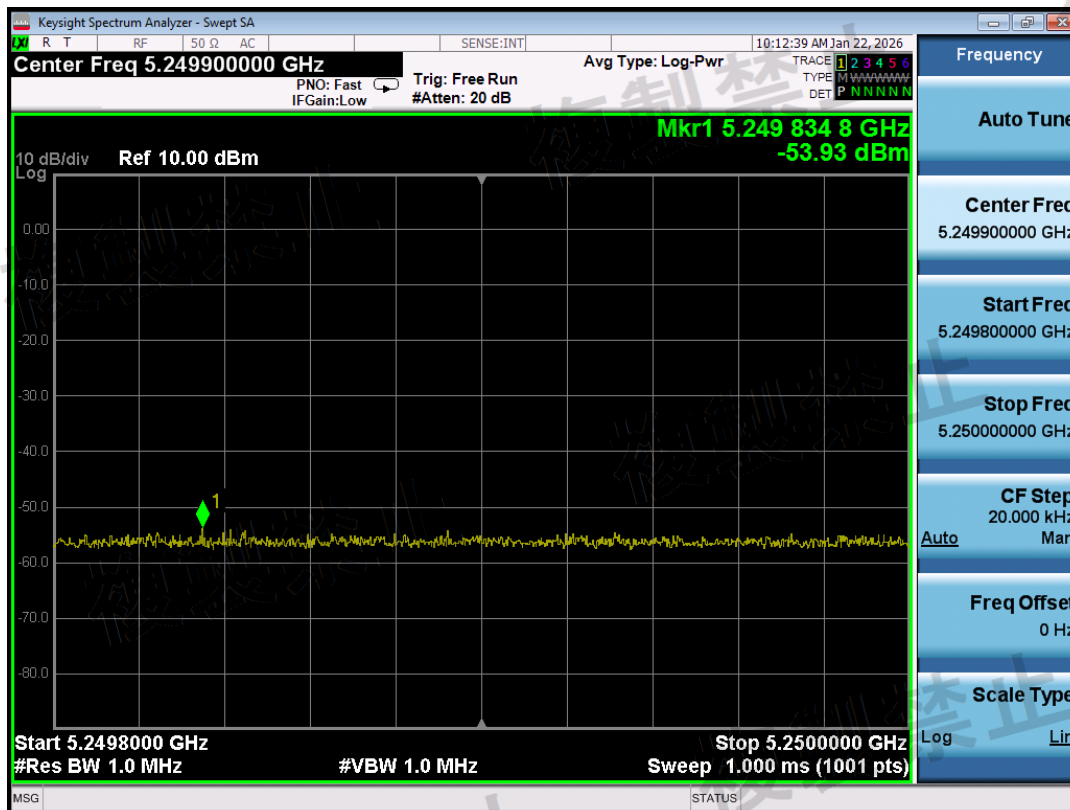
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5320MHz : 5240 ~ 5249 MHz



Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5320MHz : 5249 ~ 5249.8 MHz



Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5320MHz : 5249.8 ~ 5250 MHz



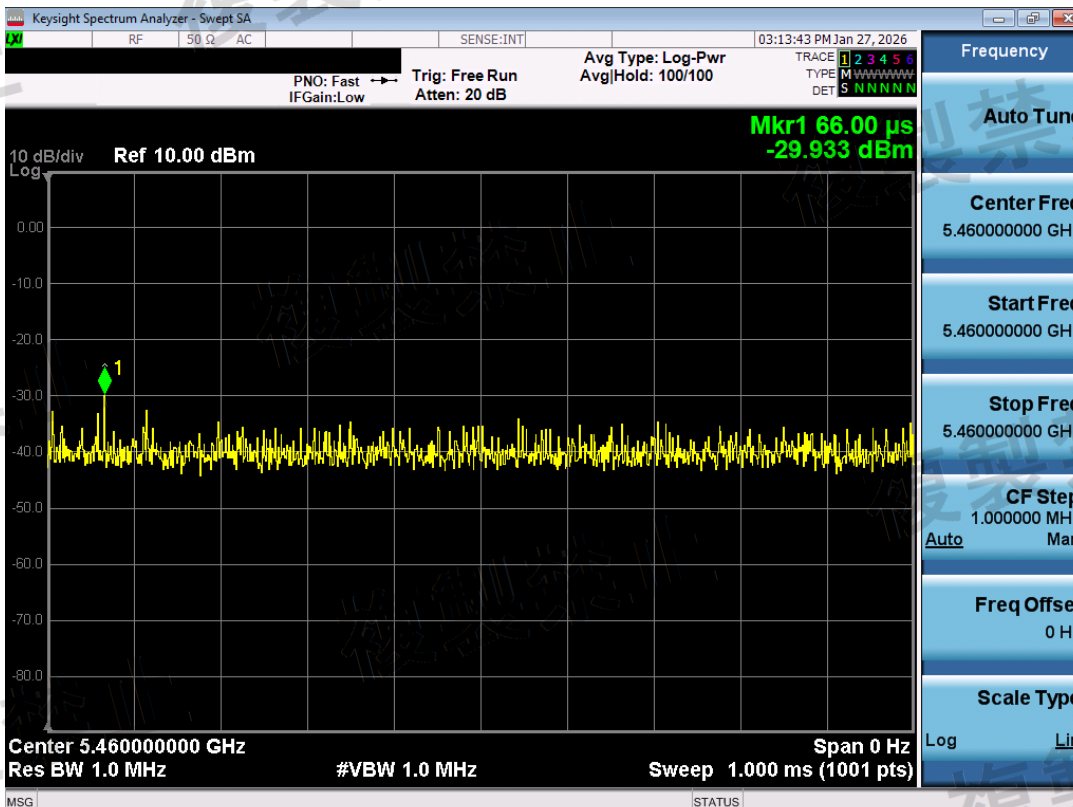
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5320MHz : 5350 ~ 26000MHz



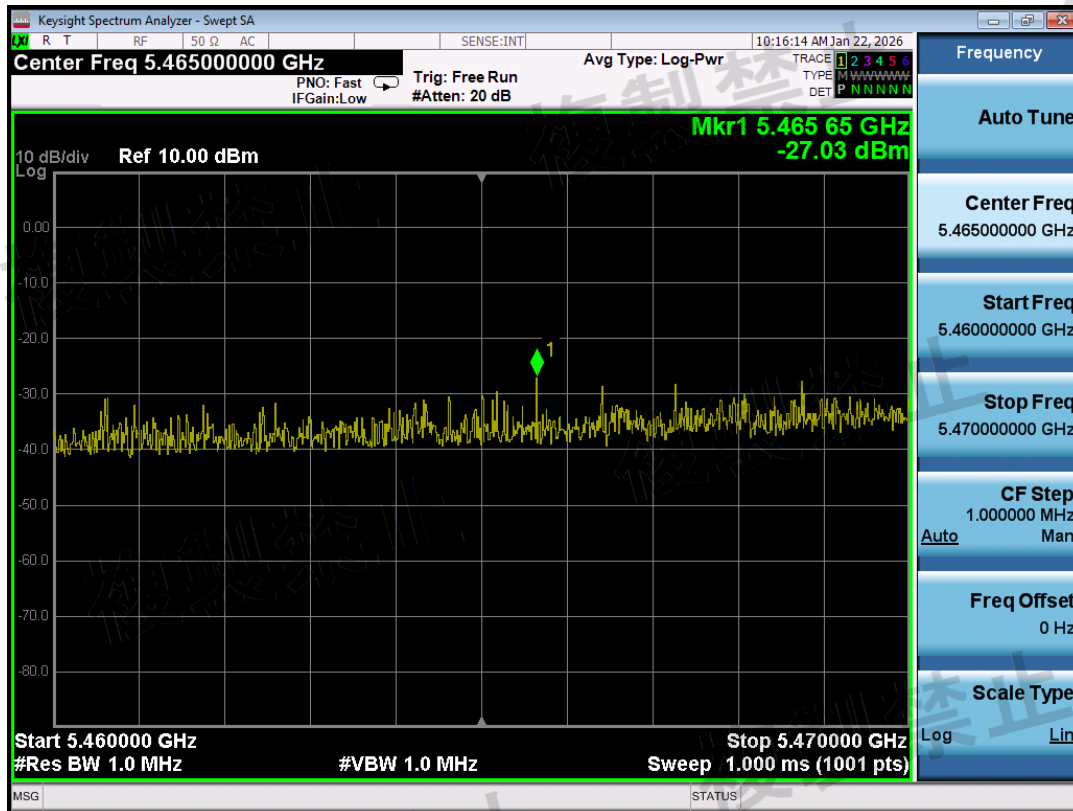
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5500MHz : 30MHz ~ 5460MHz



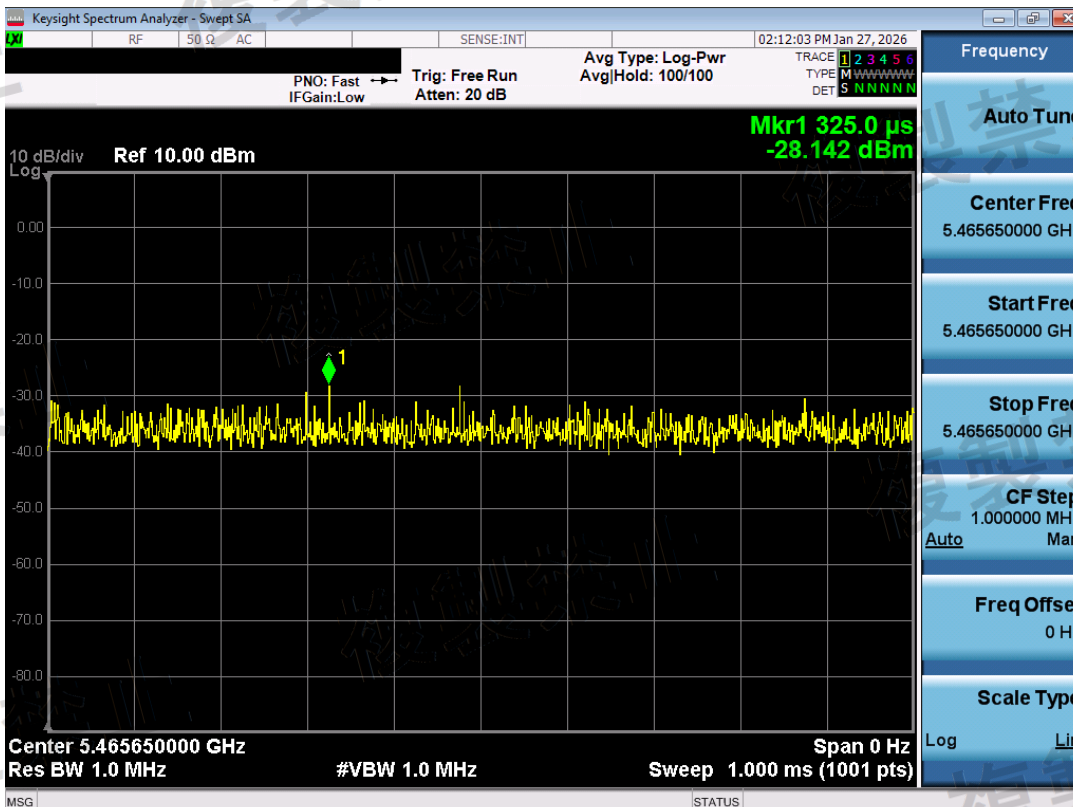
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5500MHz : 30MHz ~ 5460MHz _Sample



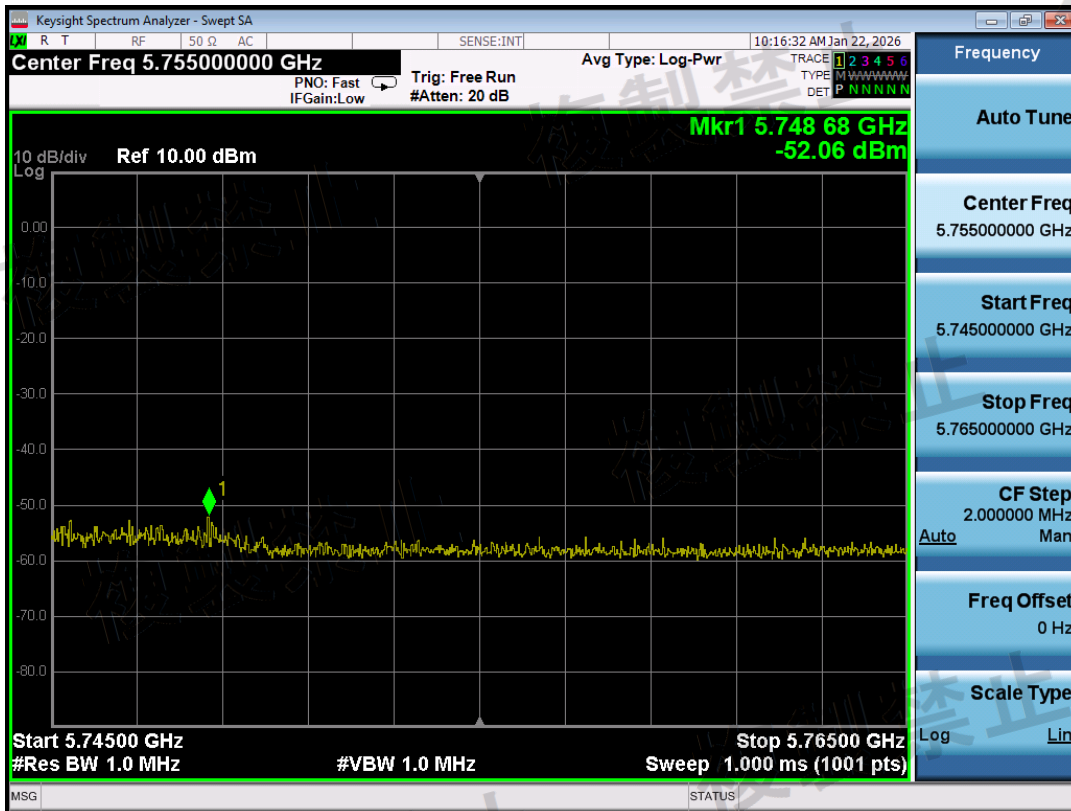
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5500MHz : 5460 ~ 5470MHz



Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5500MHz : 5460 ~ 5470MHz _Sample



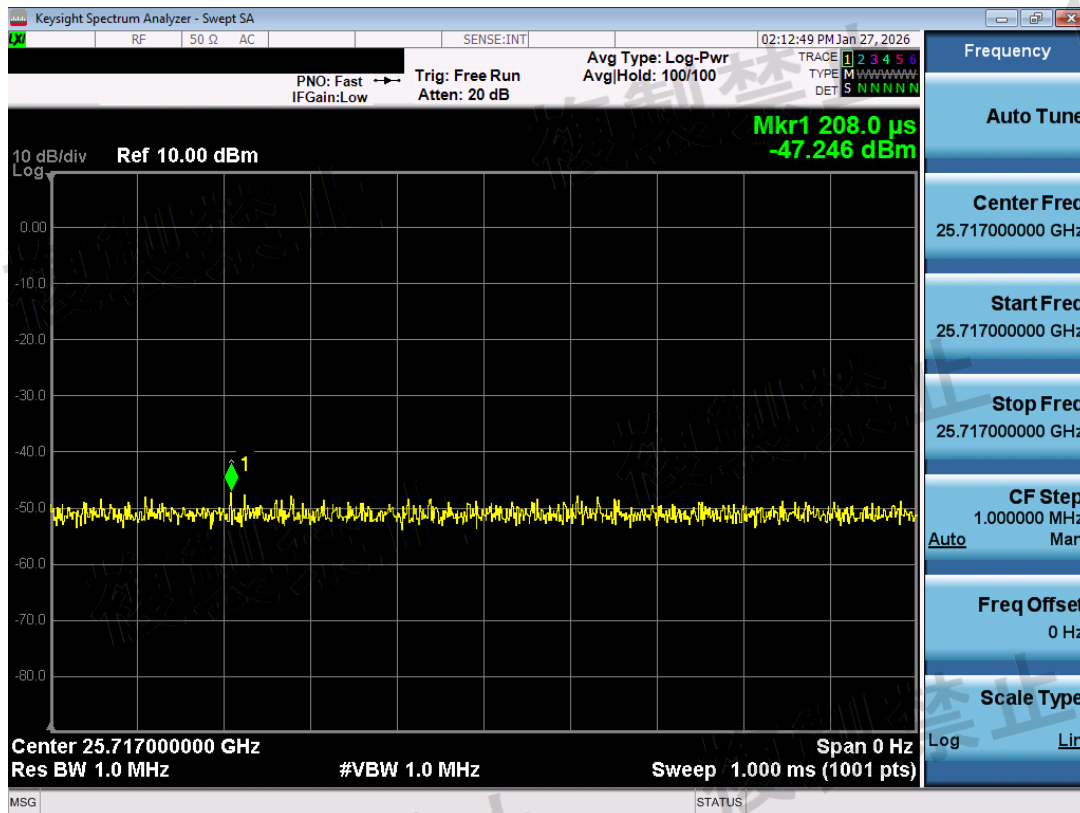
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5500MHz : 5745 ~ 5765MHz



Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5500MHz : 5765MHz ~ 26000MHz



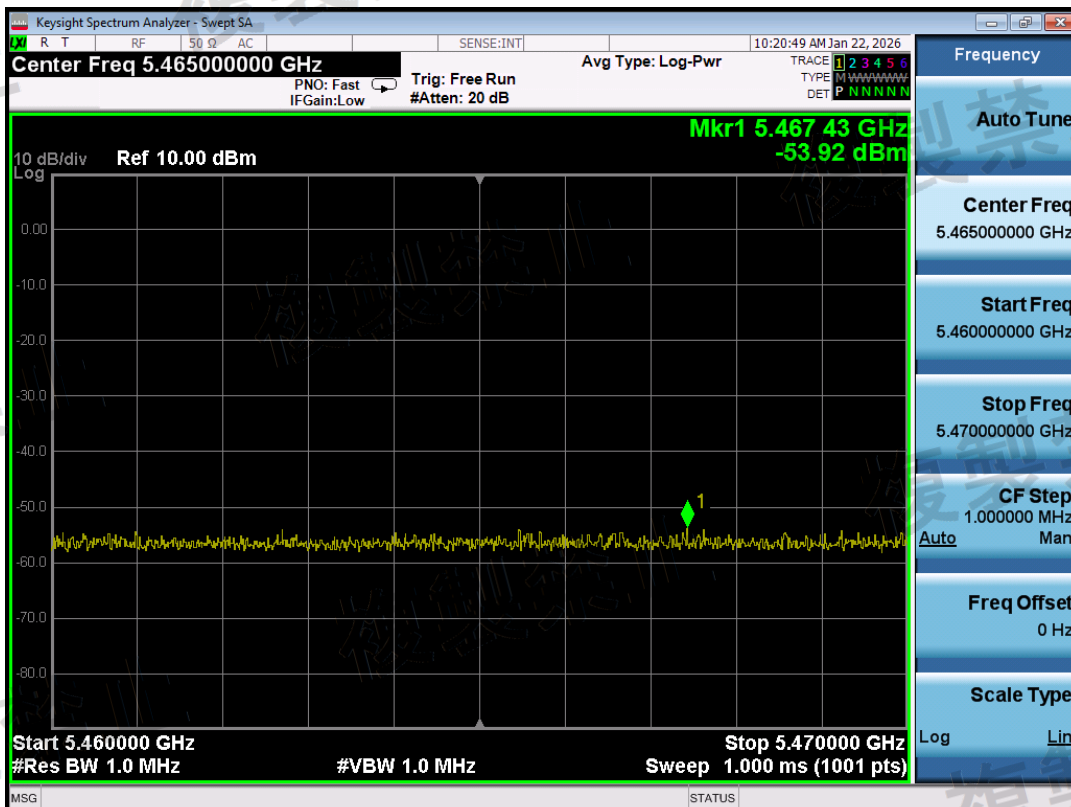
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5500MHz : 5765MHz ~ 26000MHz _Sample



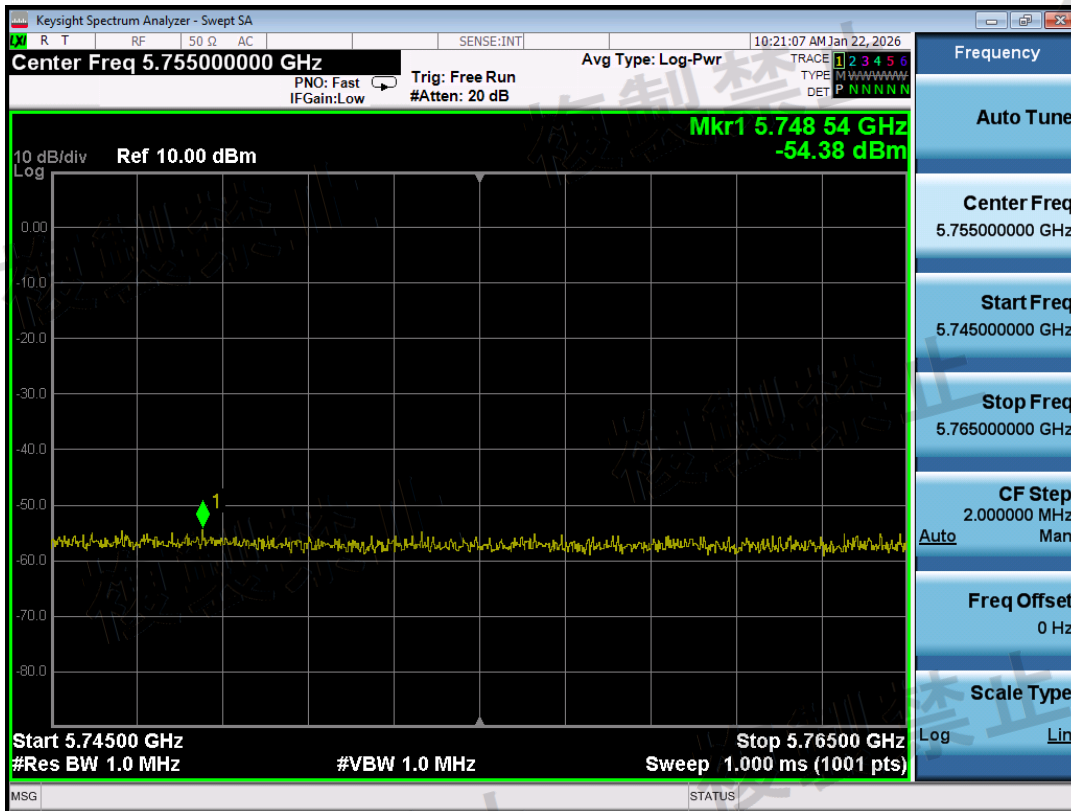
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5580MHz : 30MHz ~ 5460MHz



Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5580MHz : 5460 ~ 5470MHz



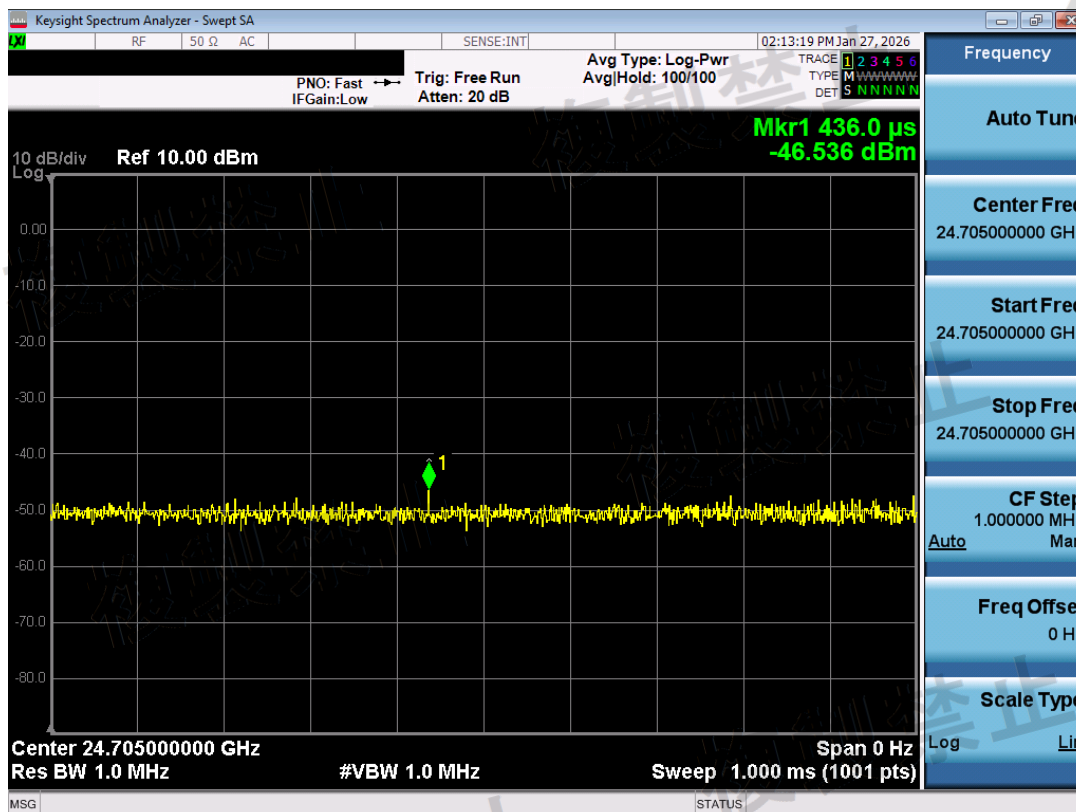
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5580MHz : 5745 ~ 5765MHz



Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5580MHz : 5765MHz ~ 26000MHz



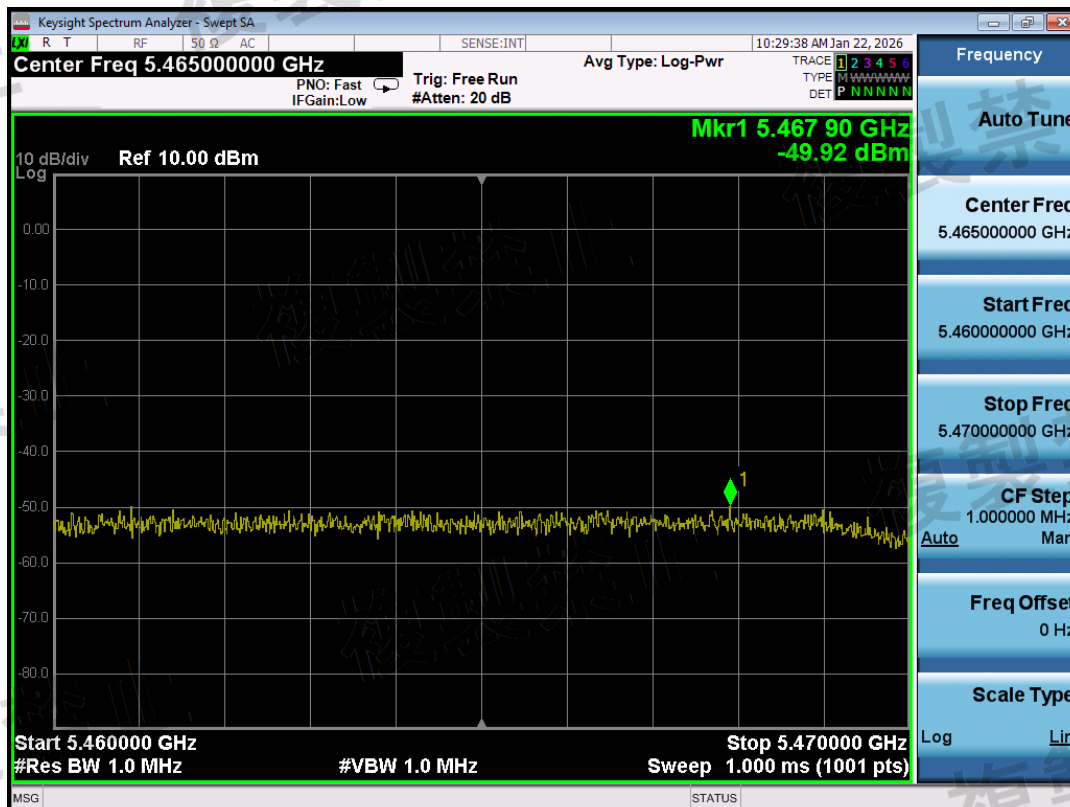
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5580MHz : 5765MHz ~ 26000MHz _Sample



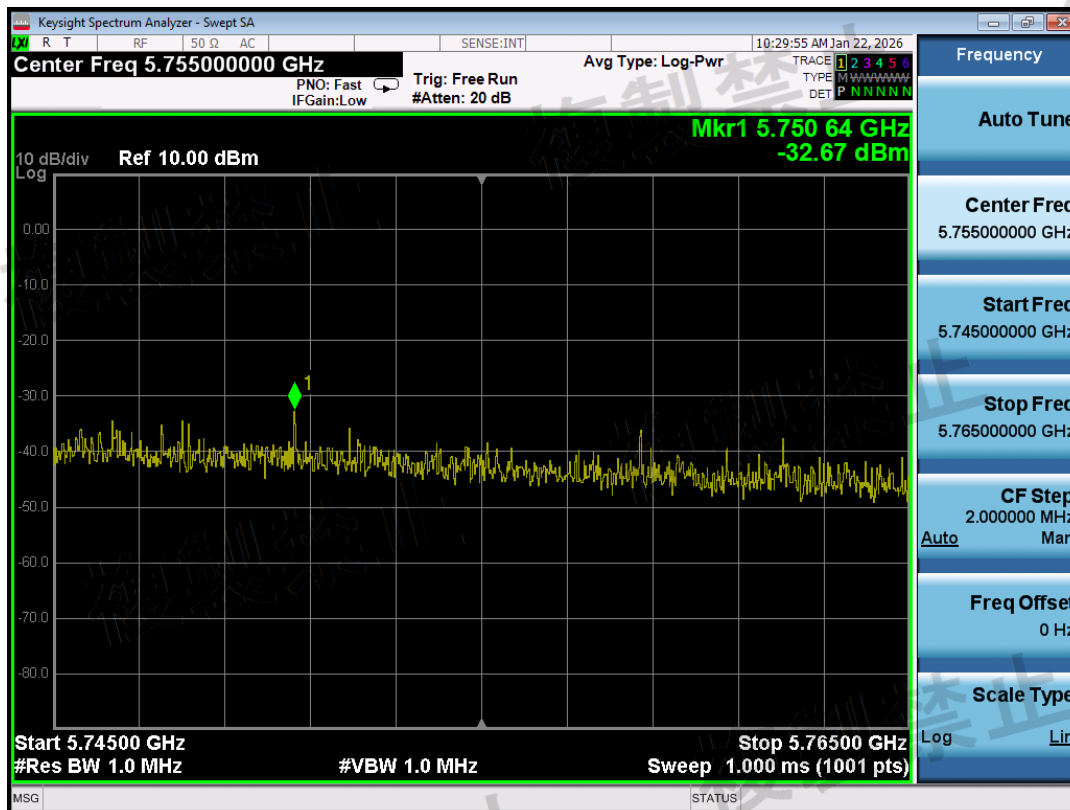
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5700MHz : 30MHz ~ 5460MHz



Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5700MHz : 5460 ~ 5470MHz



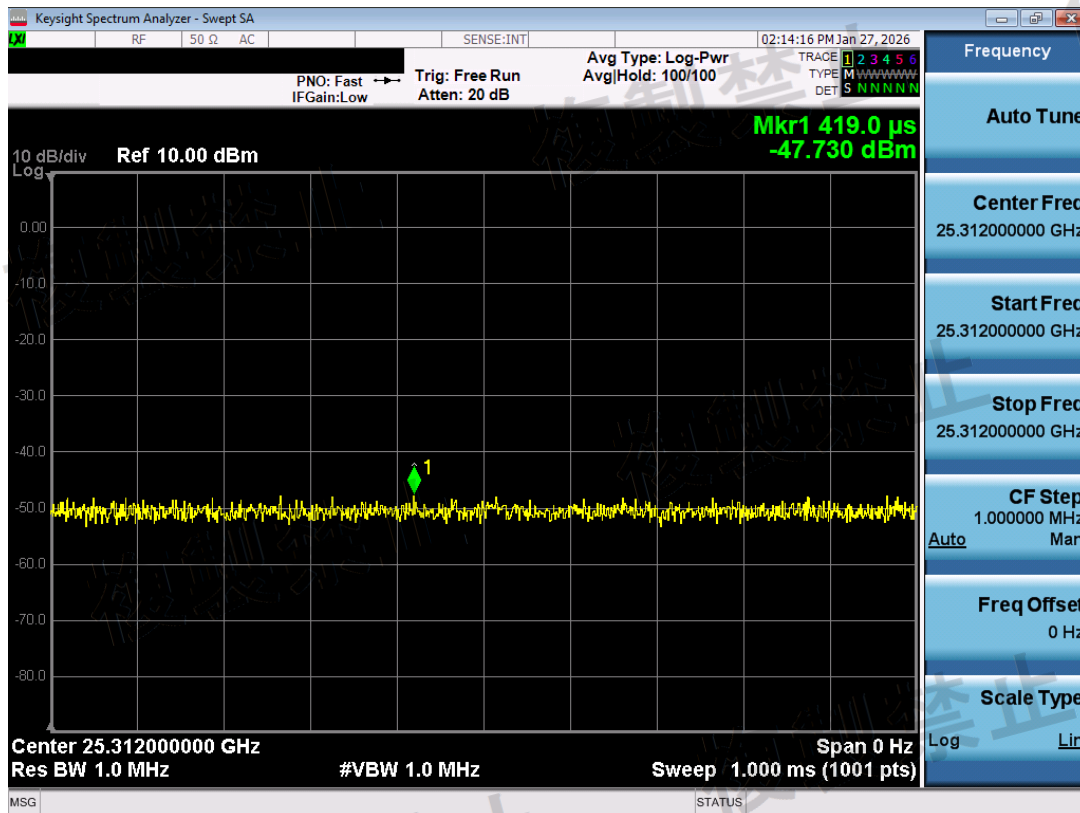
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5700MHz : 5745MHz ~ 5765MHz



Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5700MHz : 5765MHz ~ 26000MHz



Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5700MHz : 5765MHz ~ 26000MHz _Sample



Product : IP CAMERA
Test Item : Unwanted Emission Strength
Test Mode : Mode 6 : Transmit (802.11ax HE40)
Test Voltage : DC 12V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Total (μW/MHz)	Limit (μW/MHz)	Result
		dBm/MHz	μW/MHz	dBm/MHz	μW/MHz			
5190	30 ~ 5141.6	-42.78	0.0527	--	--	0.0527	≤ 2.50	Pass
	5141.6 ~ 5150	-34.01	0.3972	--	--	0.3972	≤ 15.00	Pass
	5250 ~ 5251	-38.46	0.1426	--	--	0.1426	≤ 258.21	Pass
	5251 ~ 5270	-41.43	0.0719	--	--	0.0719	≤ 32.43	Pass
	5270 ~ 5278.4	-48.42	0.0144	--	--	0.0144	≤ 6.81	Pass
	5278.4 ~ 26000	-31.14	0.7691	--	--	0.7691	≤ 2.50	Pass
5230	30 ~ 5141.6	-50.88	0.0082	--	--	0.0082	≤ 2.50	Pass
	5141.6 ~ 5150	-50.94	0.0081	--	--	0.0081	≤ 15.00	Pass
	5250 ~ 5251	-7.96	159.9558	--	--	159.9558	≤ 442.56	Pass
	5251 ~ 5270	-16.14	24.3220	--	--	24.3220	≤ 48.73	Pass
	5270 ~ 5278.4	-33.42	0.4550	--	--	0.4550	≤ 6.08	Pass
	5278.4 ~ 26000	-31.23	0.7534	--	--	0.7534	≤ 2.50	Pass
5270	30 ~ 5211.6	-50.61	0.0087	--	--	0.0087	≤ 2.50	Pass
	5221.6 ~ 5230	-43.21	0.0478	--	--	0.0478	≤ 7.88	Pass
	5230 ~ 5249	-20.05	9.8855	--	--	9.8855	≤ 48.55	Pass
	5249 ~ 5250	-9.28	118.0321	--	--	118.0321	≤ 356.43	Pass
	5350 ~ 5358.4	-52.66	0.0054	--	--	0.0054	≤ 15.00	Pass
	5358.4 ~ 26000	-31.48	0.7112	--	--	0.7112	≤ 2.50	Pass
5310	30 ~ 5211.6	-50.86	0.0082	--	--	0.0082	≤ 2.50	Pass
	5221.6 ~ 5230	-54.04	0.0039	--	--	0.0039	≤ 4.87	Pass
	5230 ~ 5249	-52.27	0.0059	--	--	0.0059	≤ 49.00	Pass
	5249 ~ 5250	-50.69	0.0085	--	--	0.0085	≤ 255.84	Pass
	5350 ~ 5358.4	-42.10	0.0617	--	--	0.0617	≤ 15.00	Pass
	5358.4 ~ 26000	-31.78	0.6637	--	--	0.6637	≤ 2.50	Pass
5510	30 ~ 5460	-29.35	1.1614	--	--	1.1614	≤ 12.50	Pass
	5460 ~ 5470	-22.55	5.5590	--	--	5.5590	≤ 50.00	Pass
	5770 ~ 26000	-31.91	0.6442	--	--	0.6442	≤ 12.50	Pass
5550	30 ~ 5460	-41.92	0.0643	--	--	0.0643	≤ 12.50	Pass
	5460 ~ 5470	-32.22	0.5998	--	--	0.5998	≤ 50.00	Pass

	5770 ~ 26000	-31.02	0.7907	--	--	0.7907	≤ 12.50	Pass
5670	30 ~ 5460	-48.62	0.0137	--	--	0.0137	≤ 12.50	Pass
	5460 ~ 5470	-50.61	0.0087	--	--	0.0087	≤ 50.00	Pass
	5770 ~ 26000	-31.88	0.6486	--	--	0.6486	≤ 12.50	Pass

Note:

(1) The frequency(30~1000MHz) test unit is $\mu\text{W}/100\text{kHz}$: $\mu\text{W}/\text{MHz} = \text{Measured Value}(\mu\text{W}/100\text{kHz}) * 10$

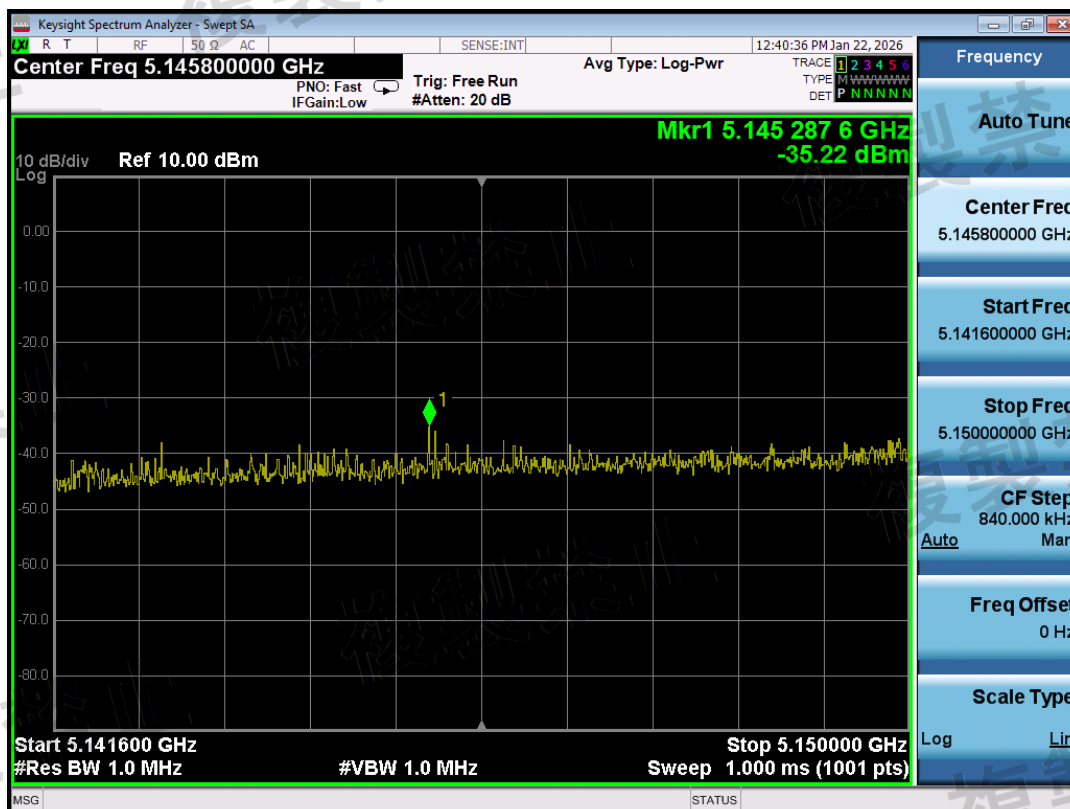
(2) Actual value = Reading value + cable loss

(3) The spectrum plots are attached on the following pages.

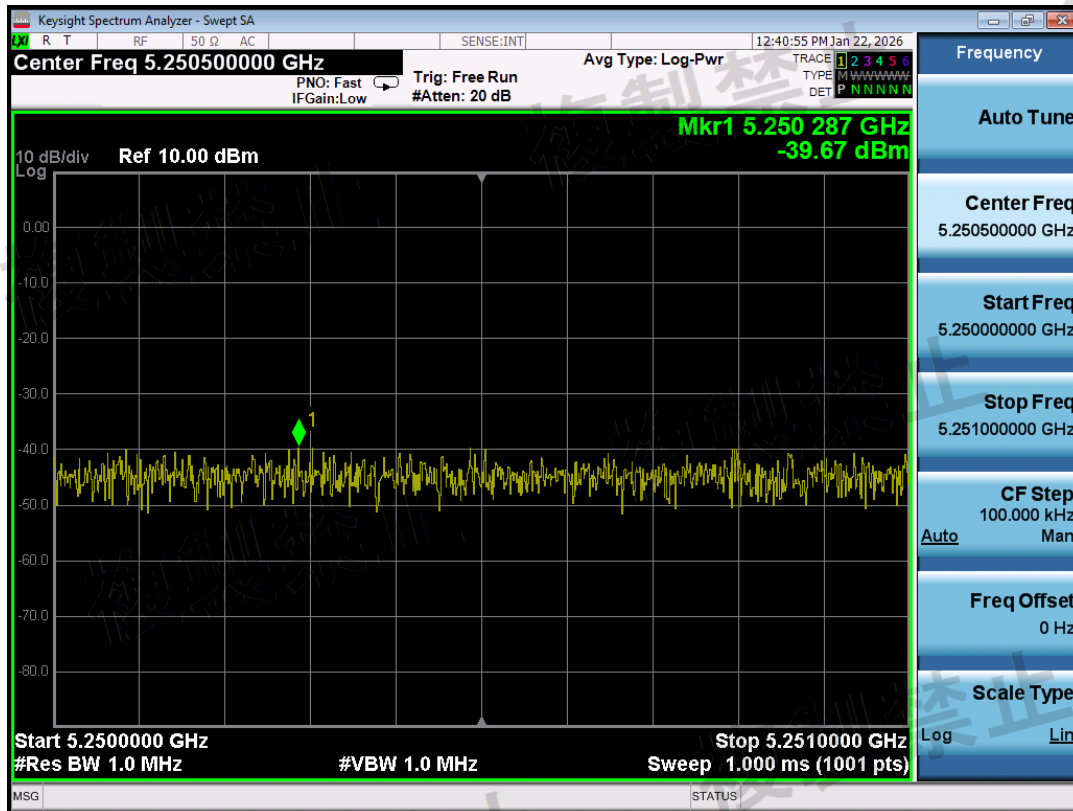
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 30MHz ~ 5141.6MHz



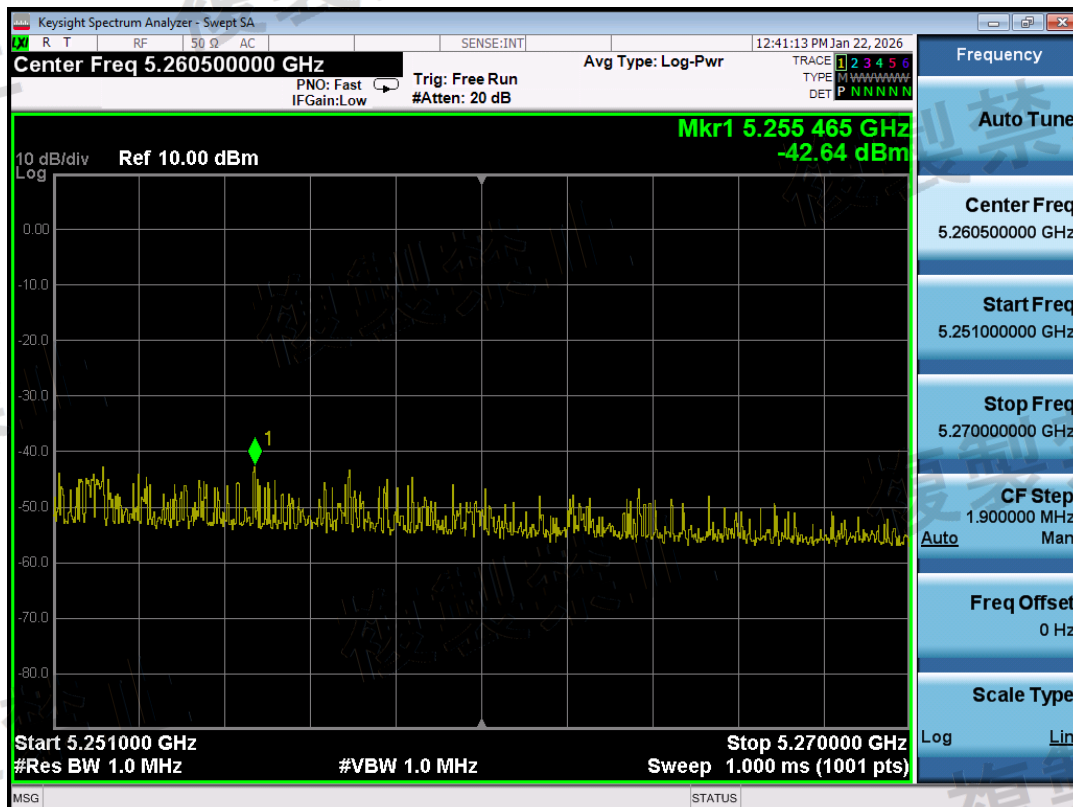
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5141.6 ~ 5150MHz



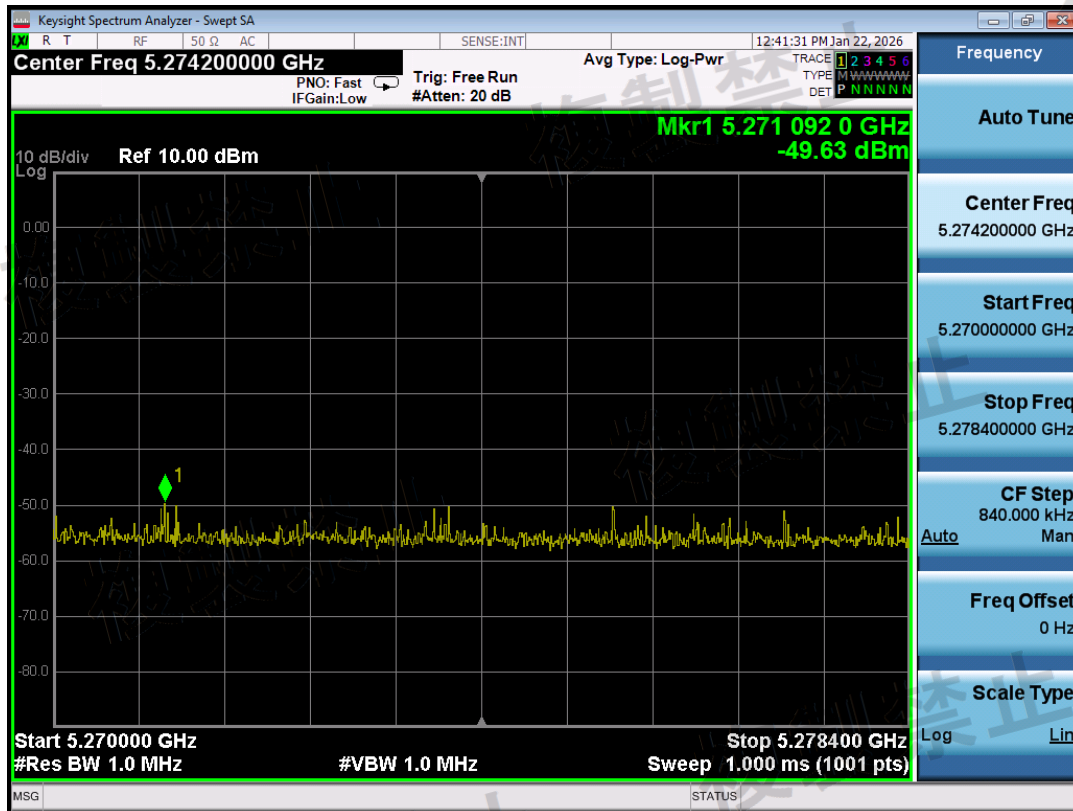
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5250 ~ 5251MHz



Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5251 ~ 5270MHz



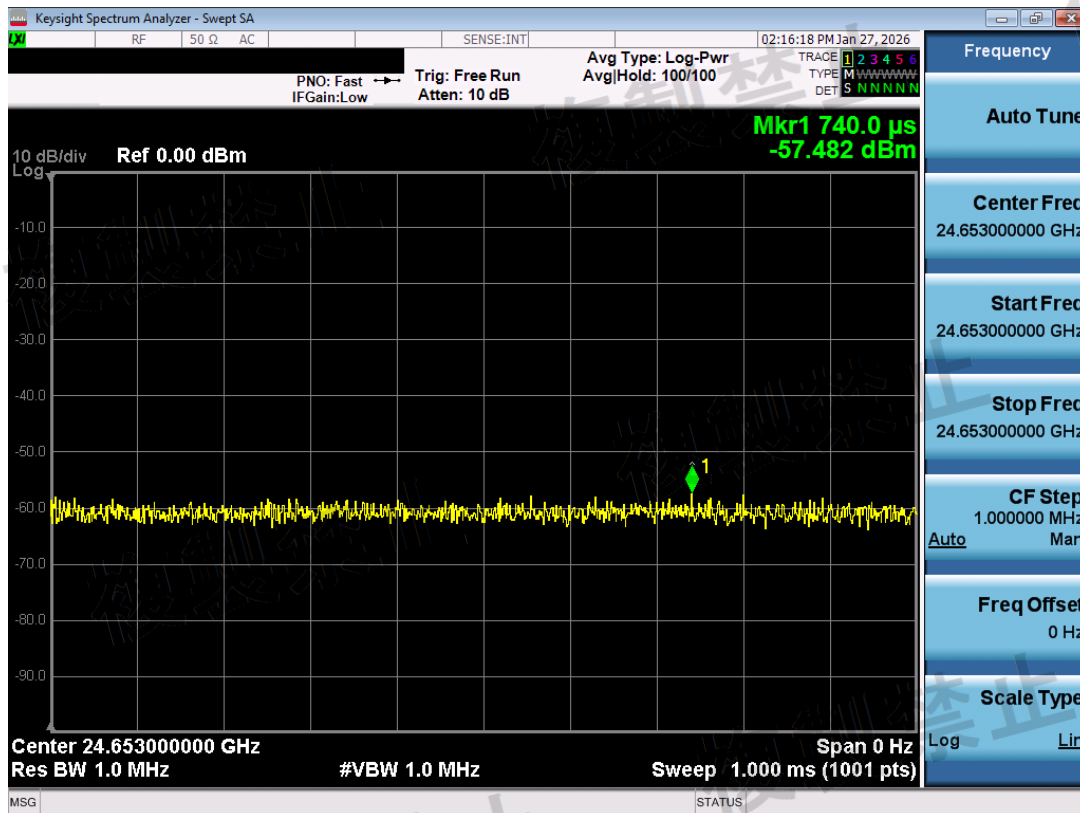
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5270 ~ 5278.4MHz



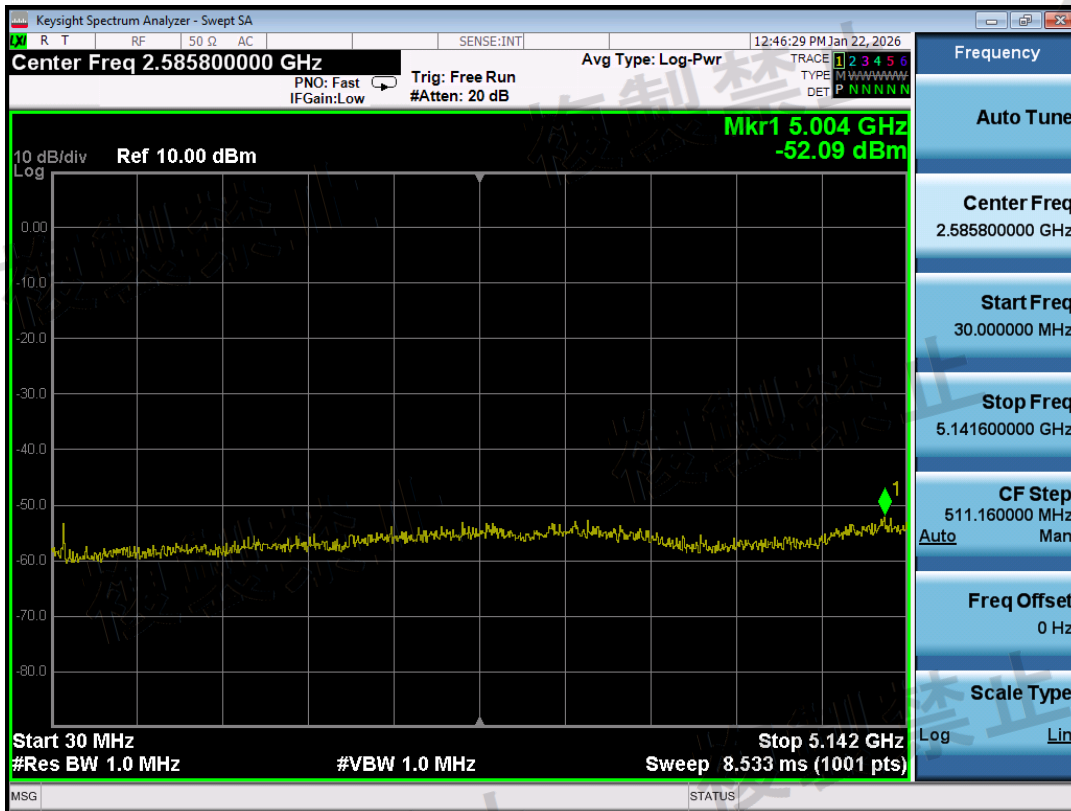
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5278.4MHz ~ 26000MHz



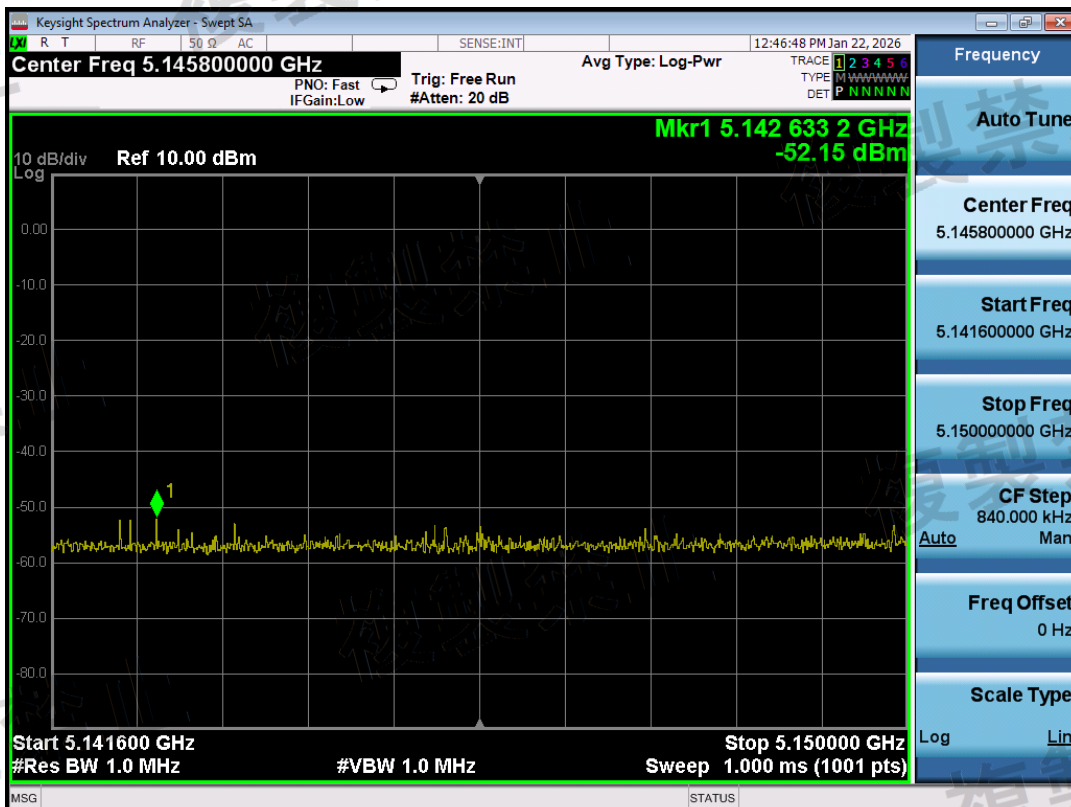
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5278.4MHz ~ 26000MHz _Sample



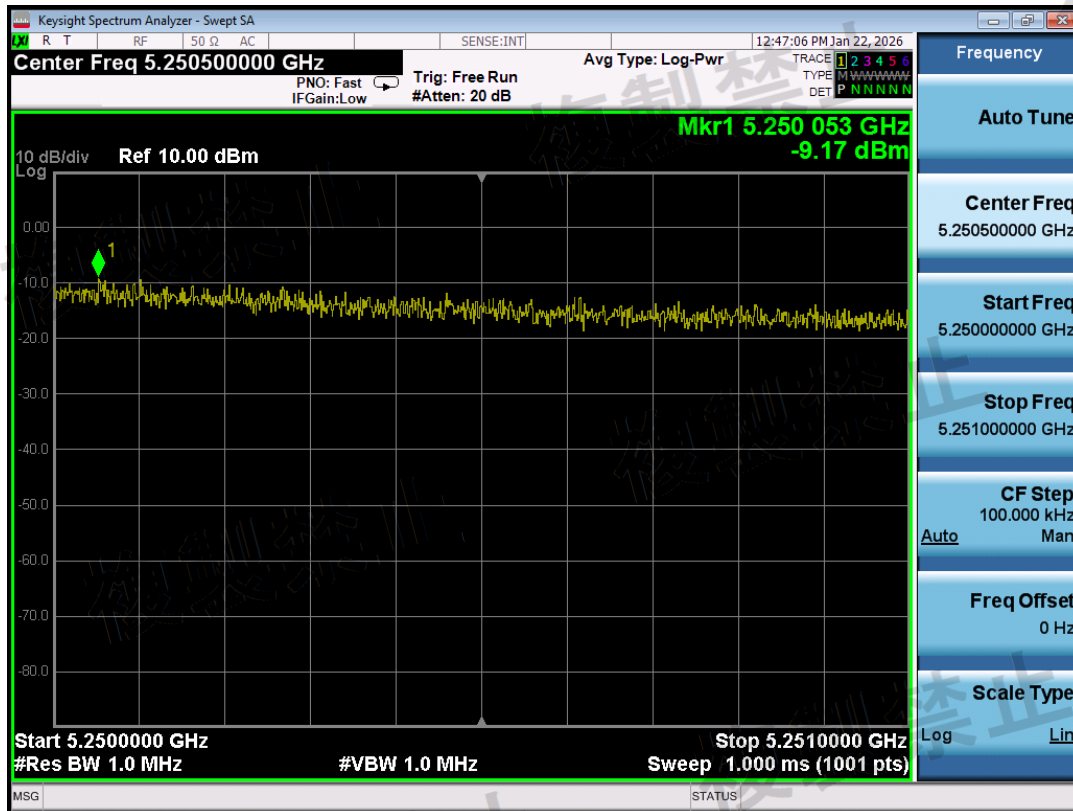
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 30MHz ~ 5141.6MHz



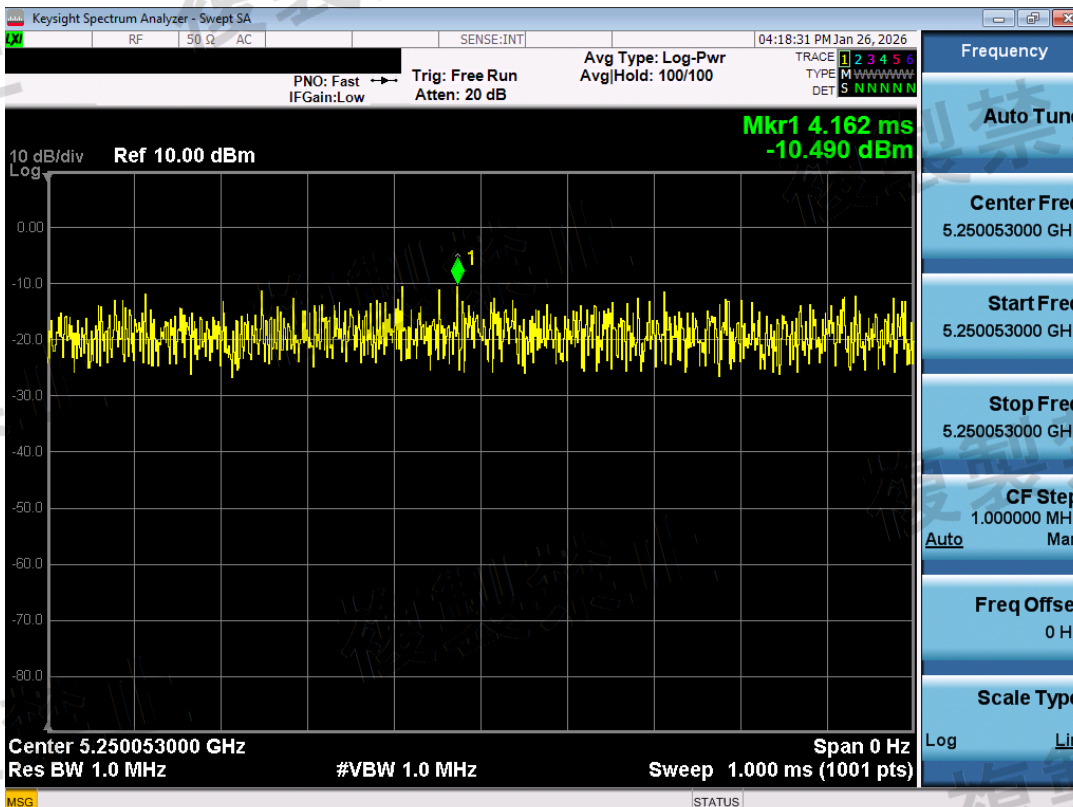
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5141.6 ~ 5150MHz



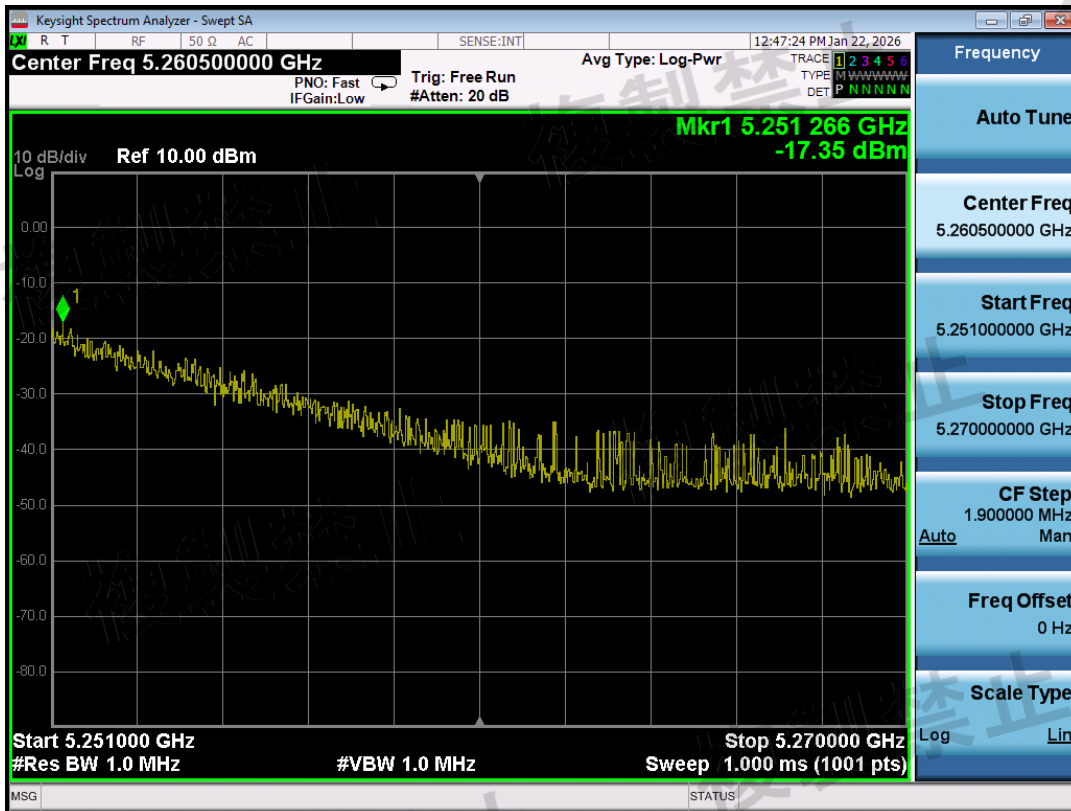
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5250 ~ 5251MHz



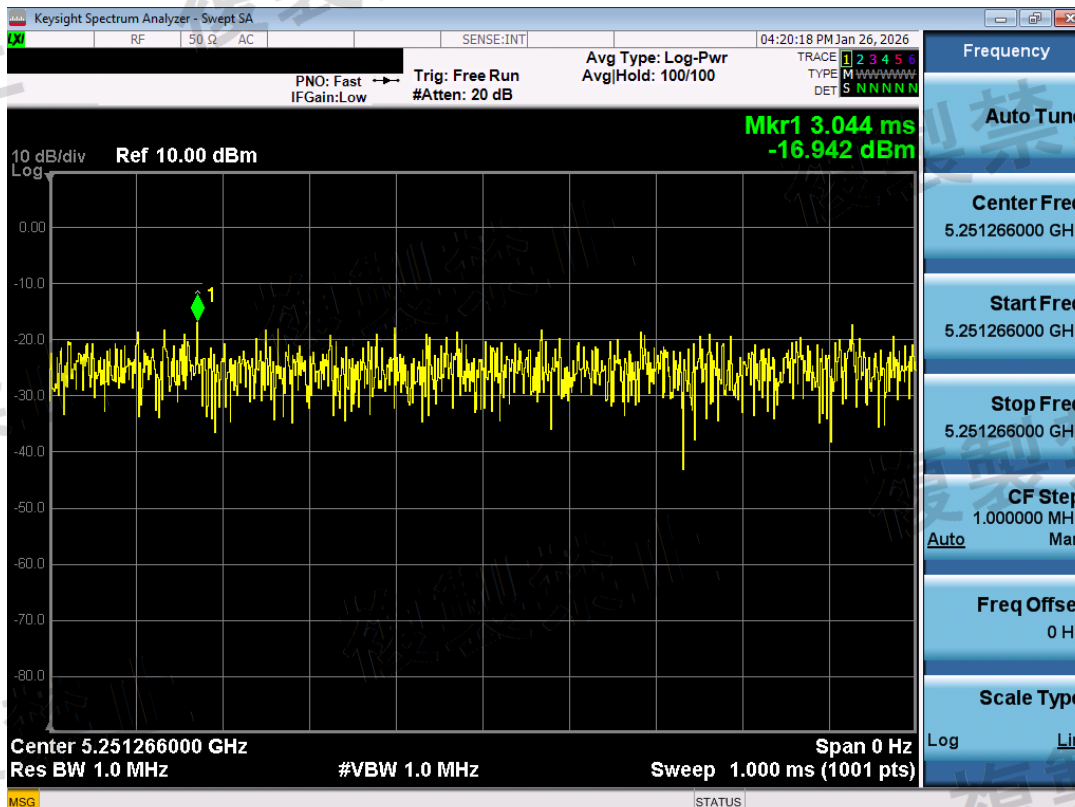
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5250 ~ 5251MHz_Sample



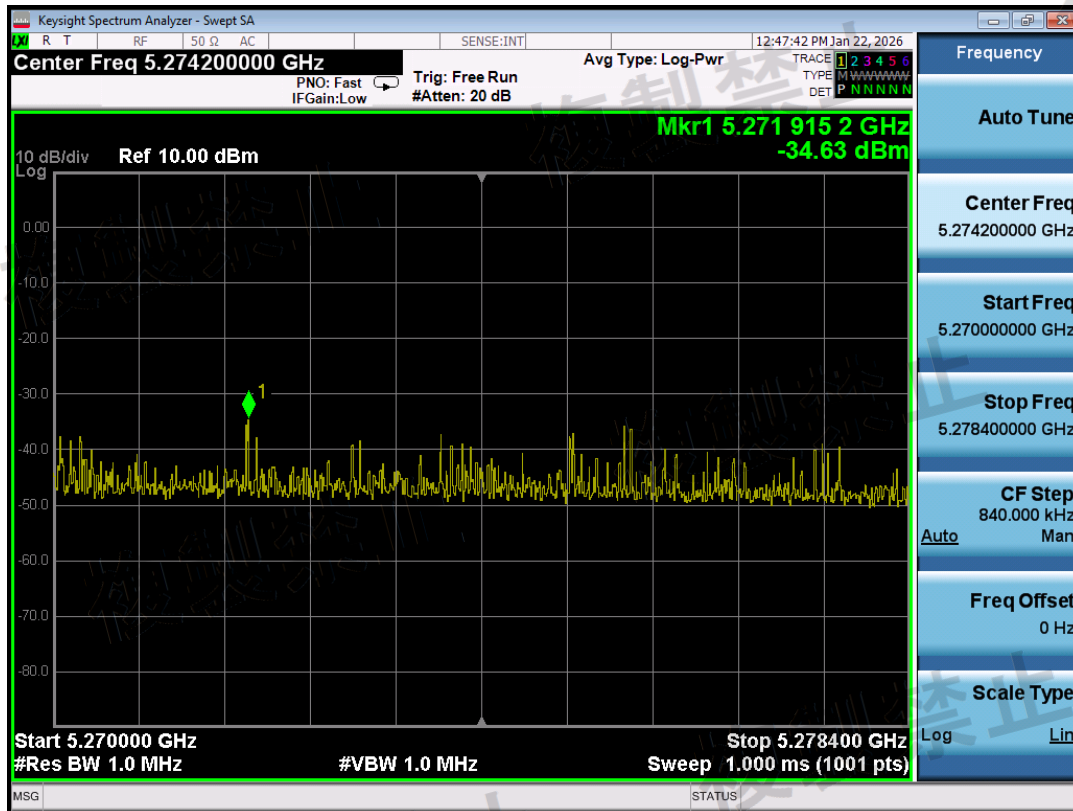
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5251 ~ 5270MHz



Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5251 ~ 5270MHz_Sample



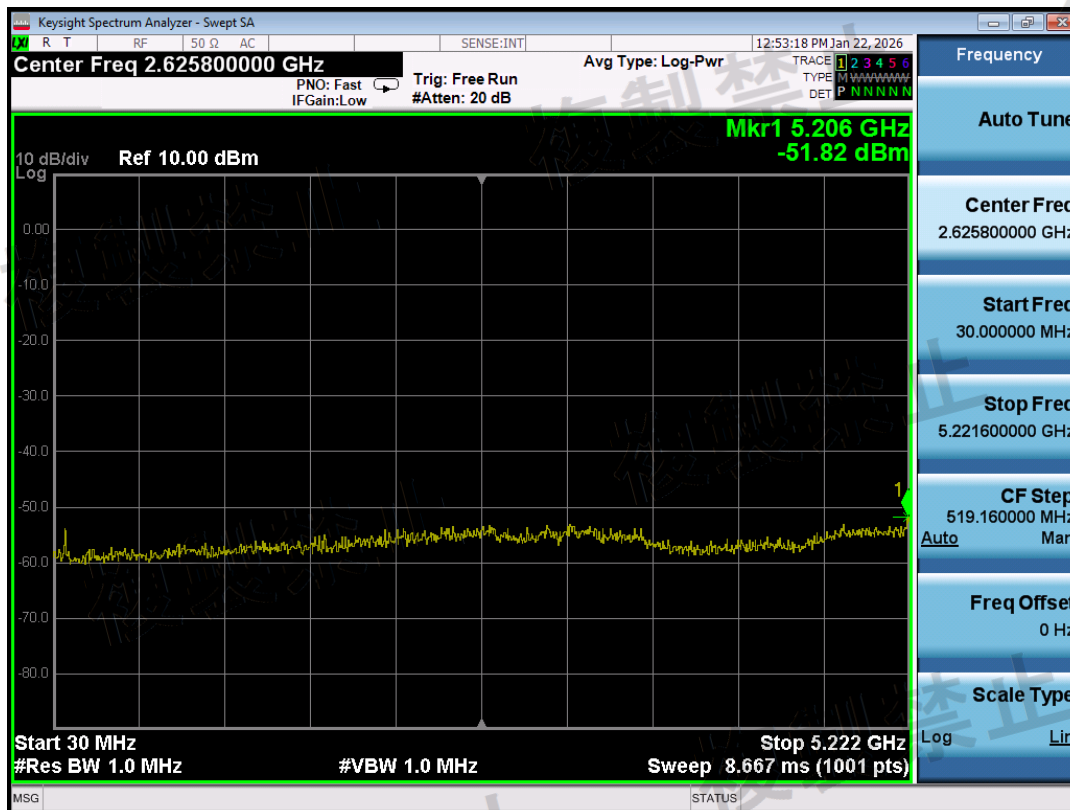
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5270 ~ 5278.4MHz



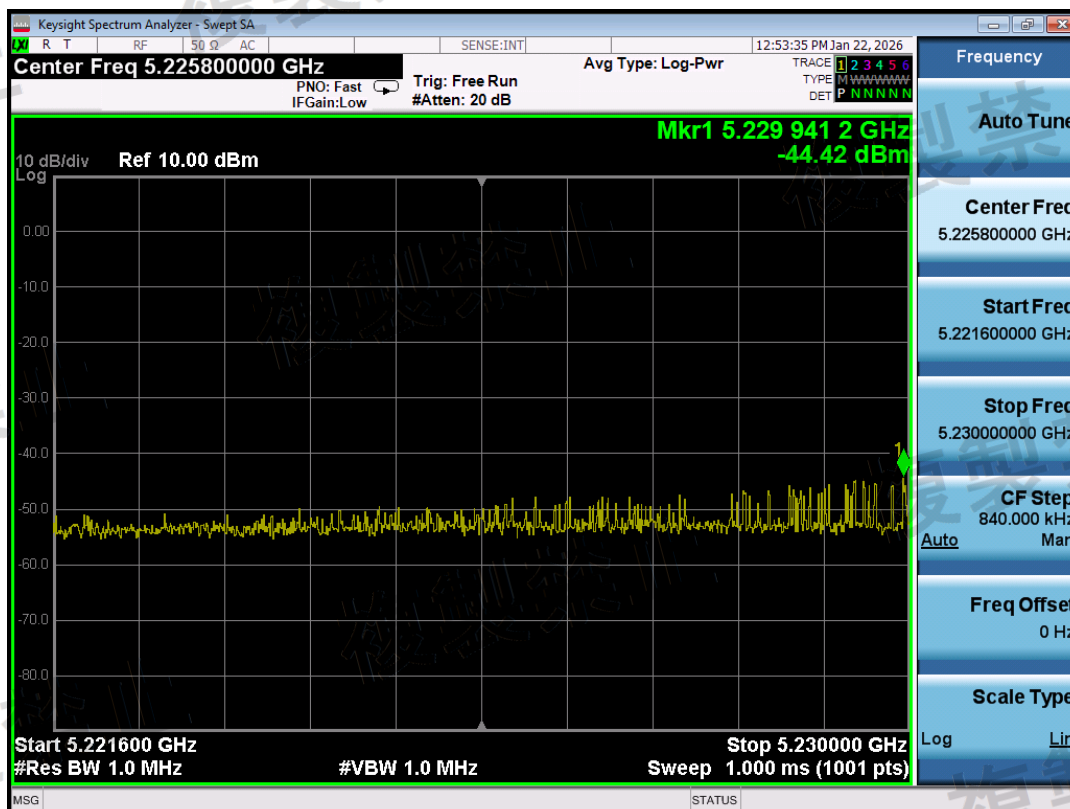
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5278.4MHz ~ 26000MHz



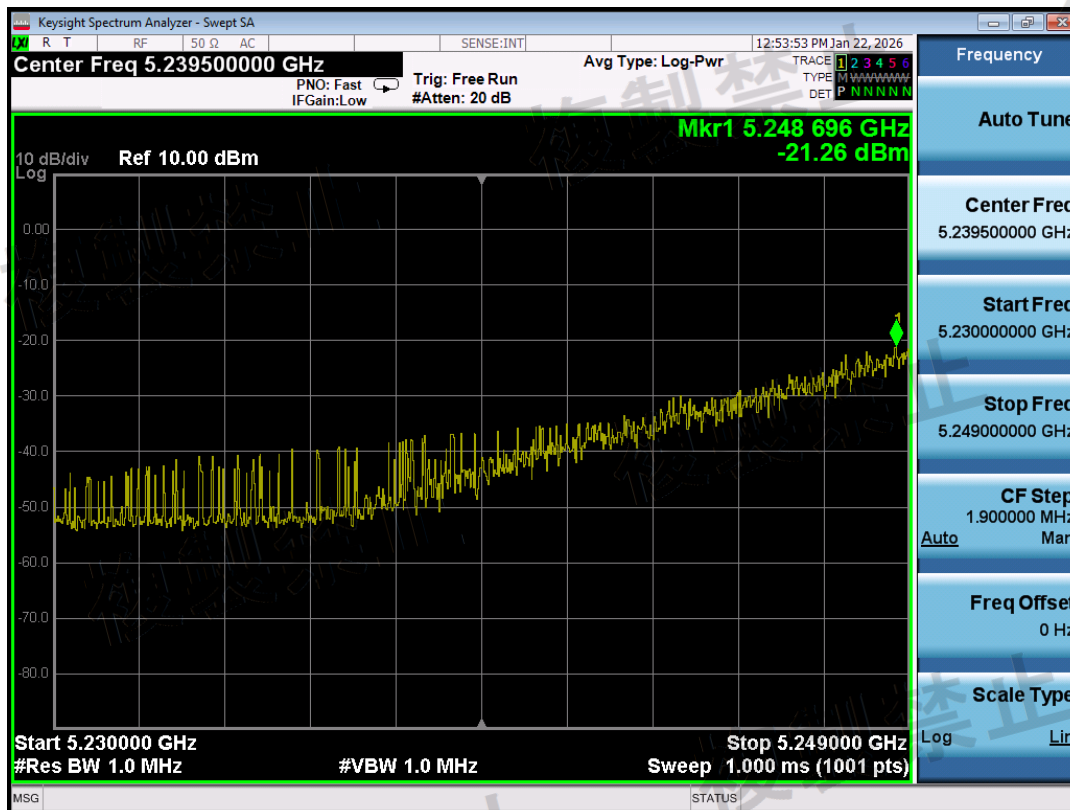
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5270MHz : 30MHz ~ 5221.6MHz



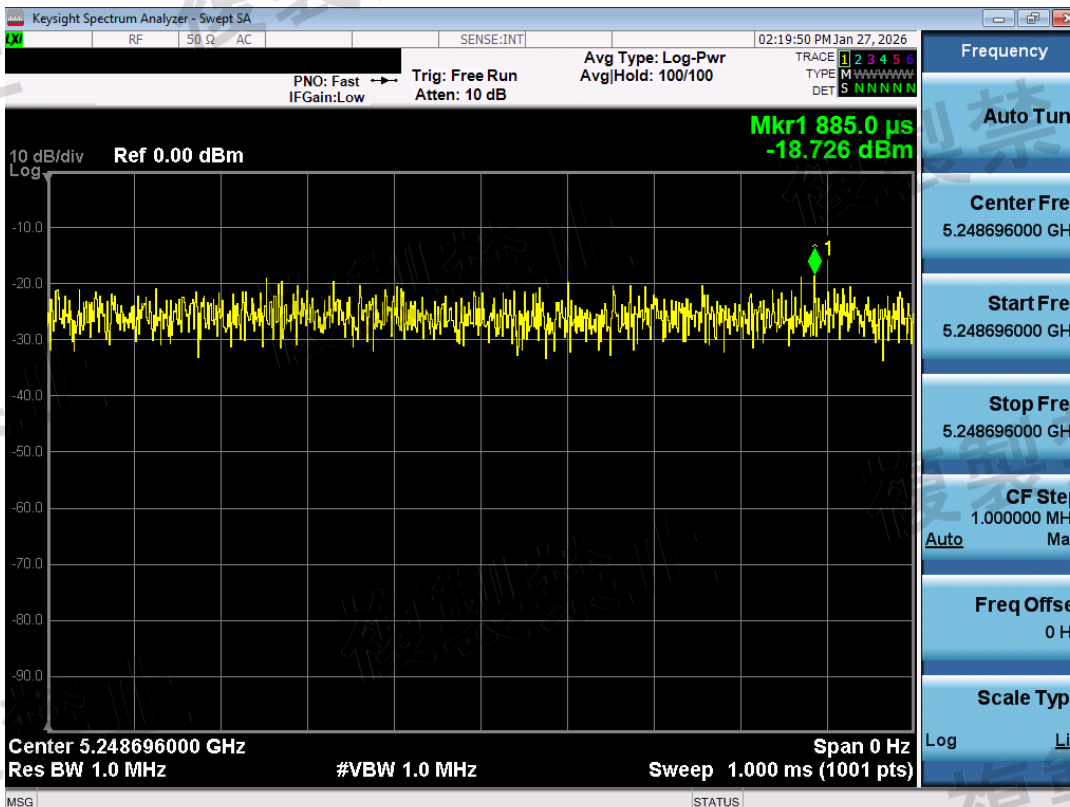
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5270MHz : 5221.6 ~ 5230MHz



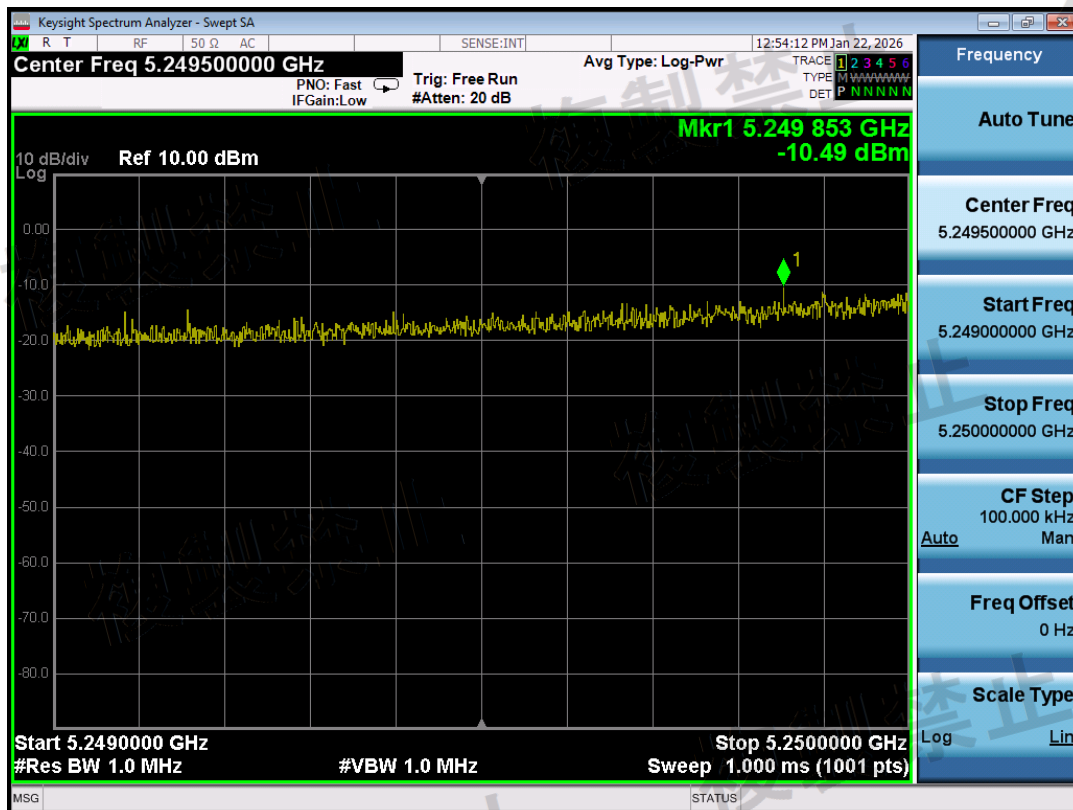
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5270MHz : 5230 ~ 5249MHz



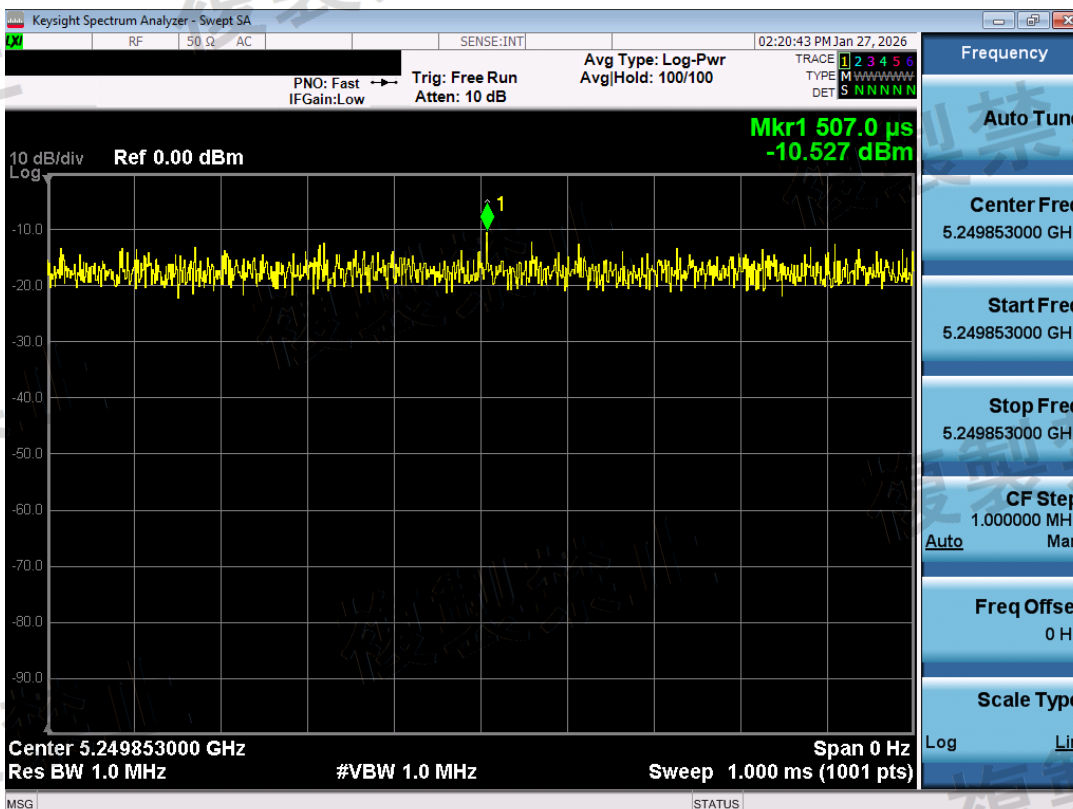
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5270MHz : 5230 ~ 5249MHz_Sample



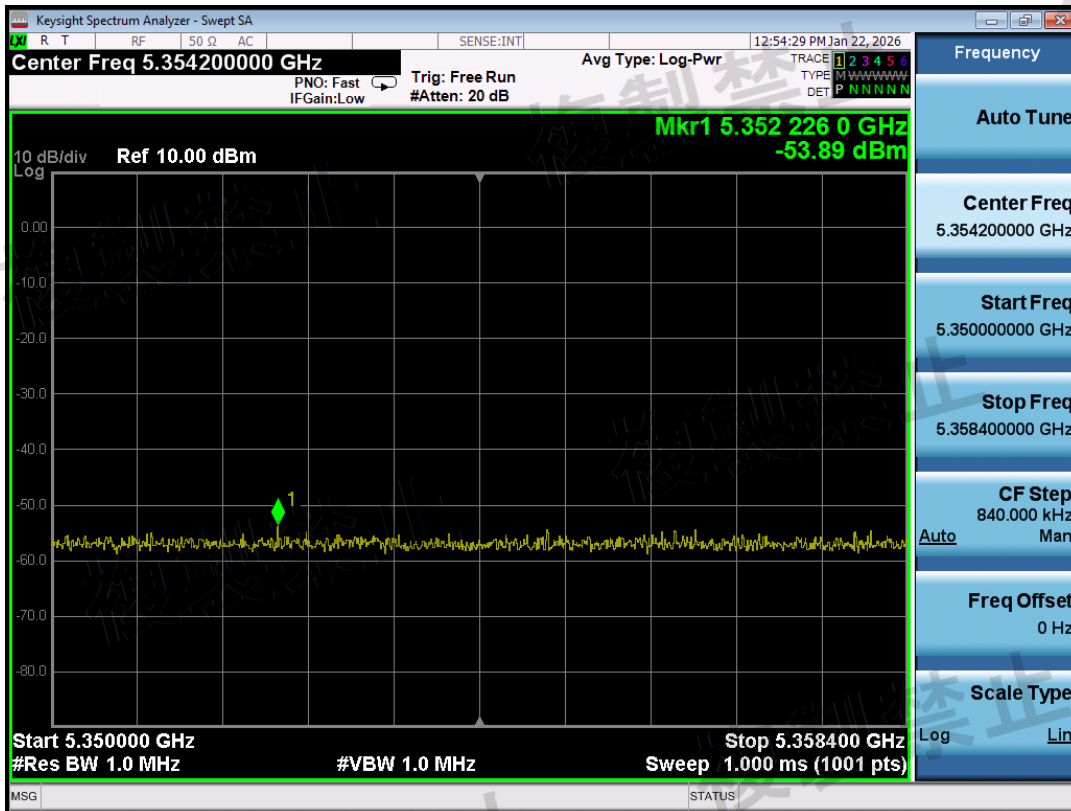
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5270MHz : 5249 ~ 5250MHz



Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5270MHz : 5249 ~ 5250MHz_Sample



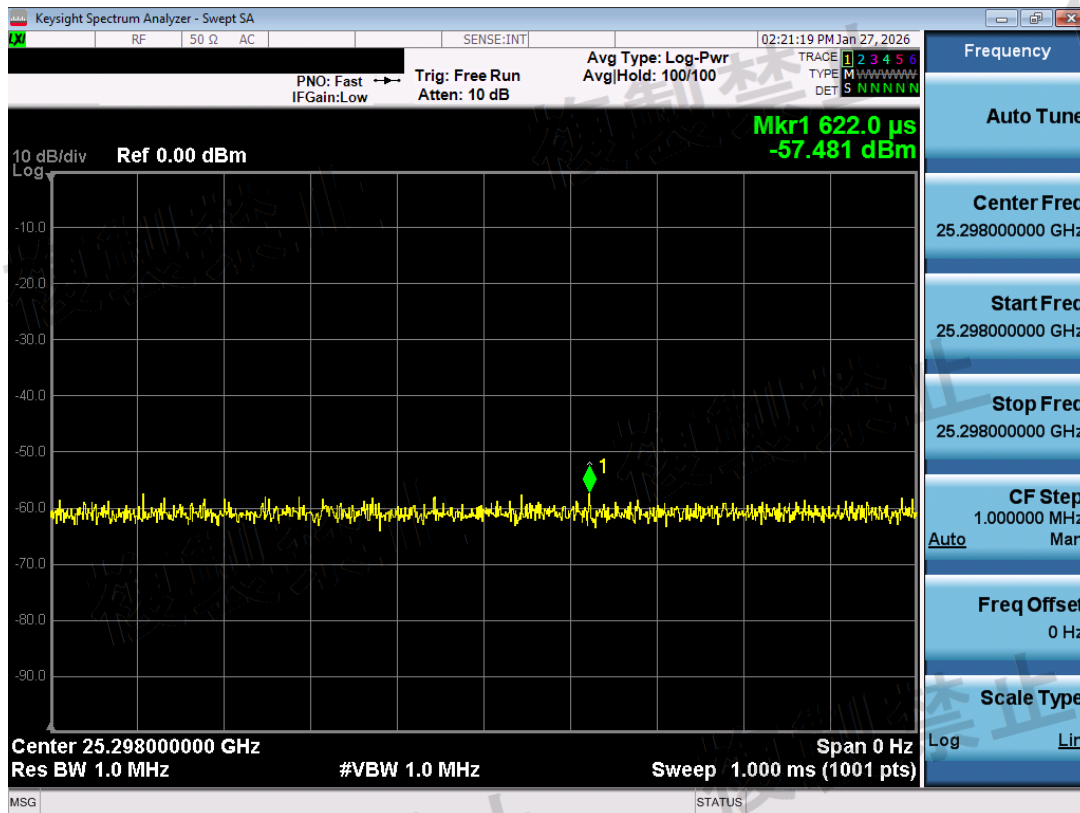
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5270MHz : 5350 ~ 5358.4MHz



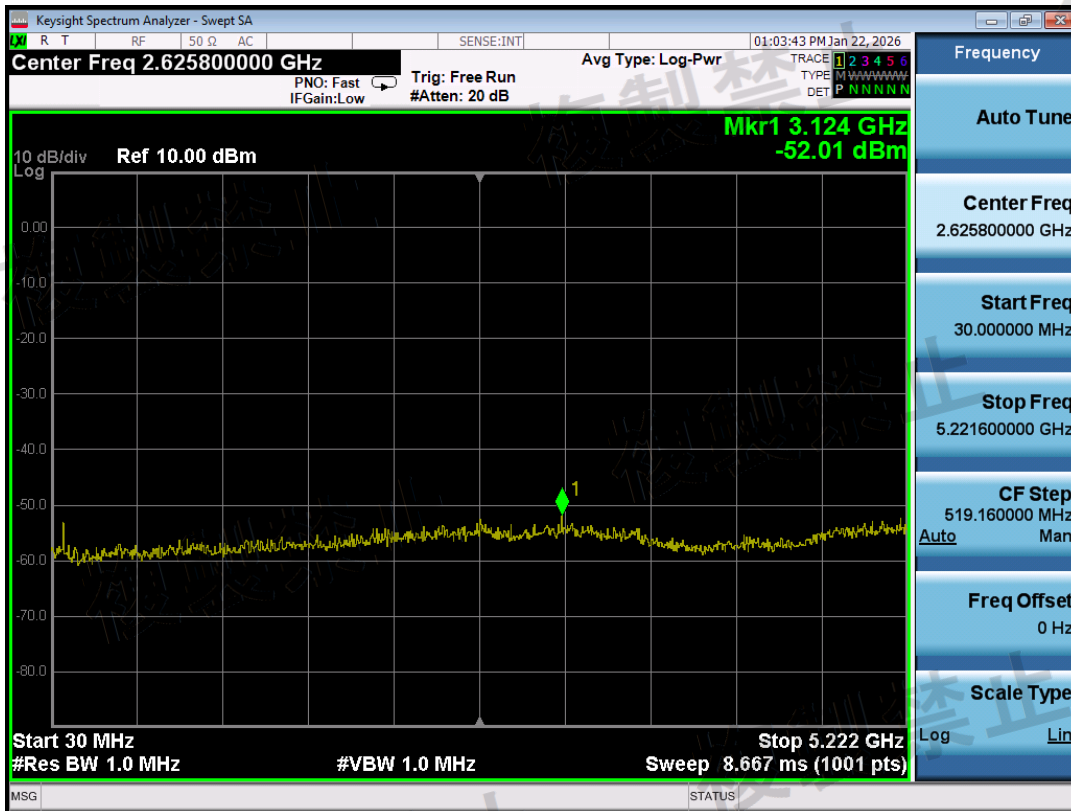
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5270MHz : 5358.4MHz ~ 26000MHz



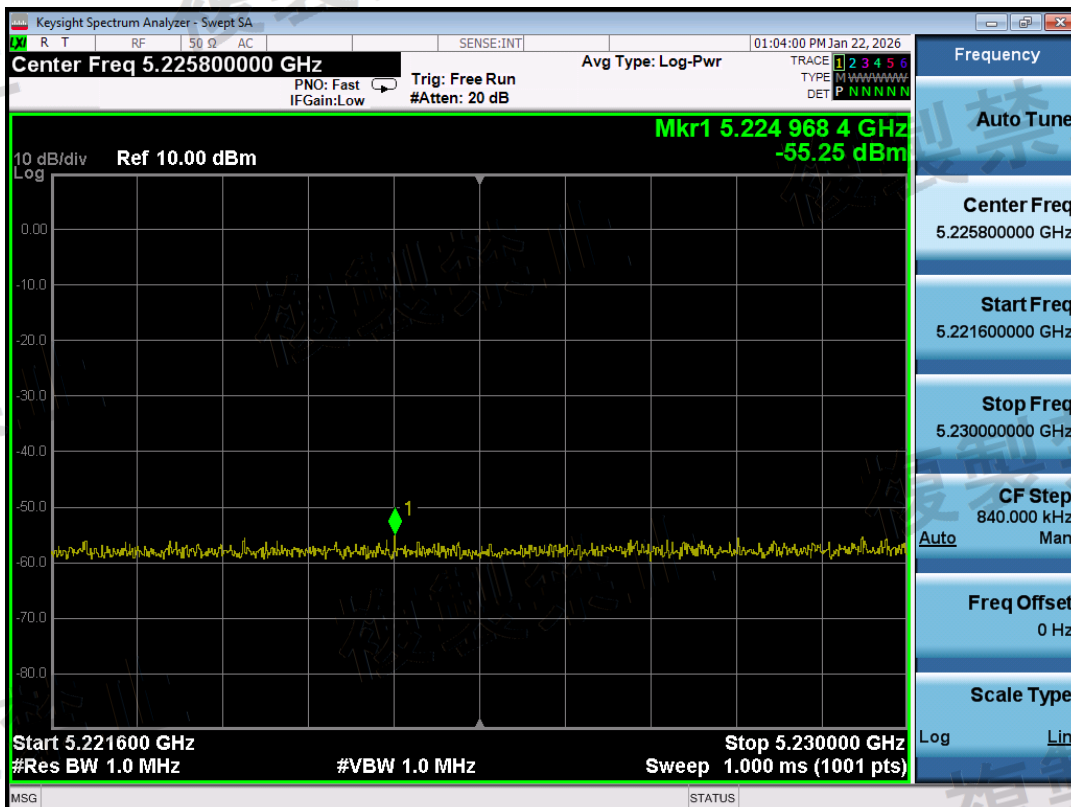
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5270MHz : 5358.4MHz ~ 26000MHz _Sample



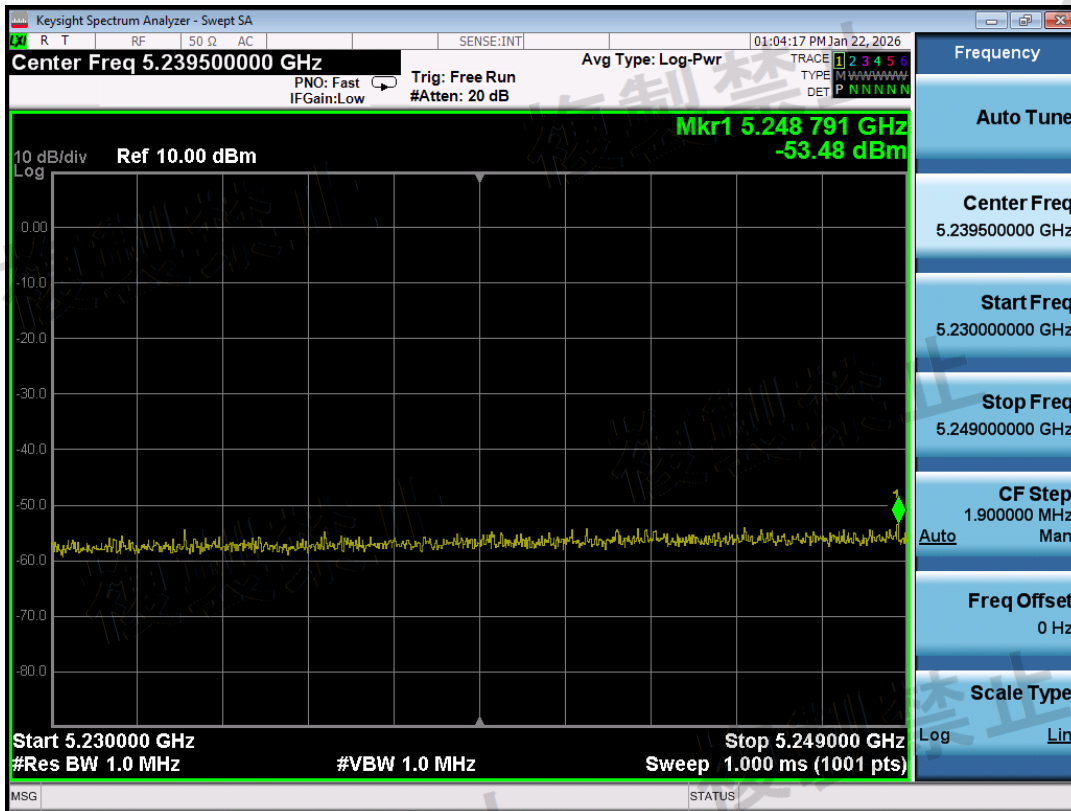
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5310MHz : 30MHz ~ 5221.6MHz



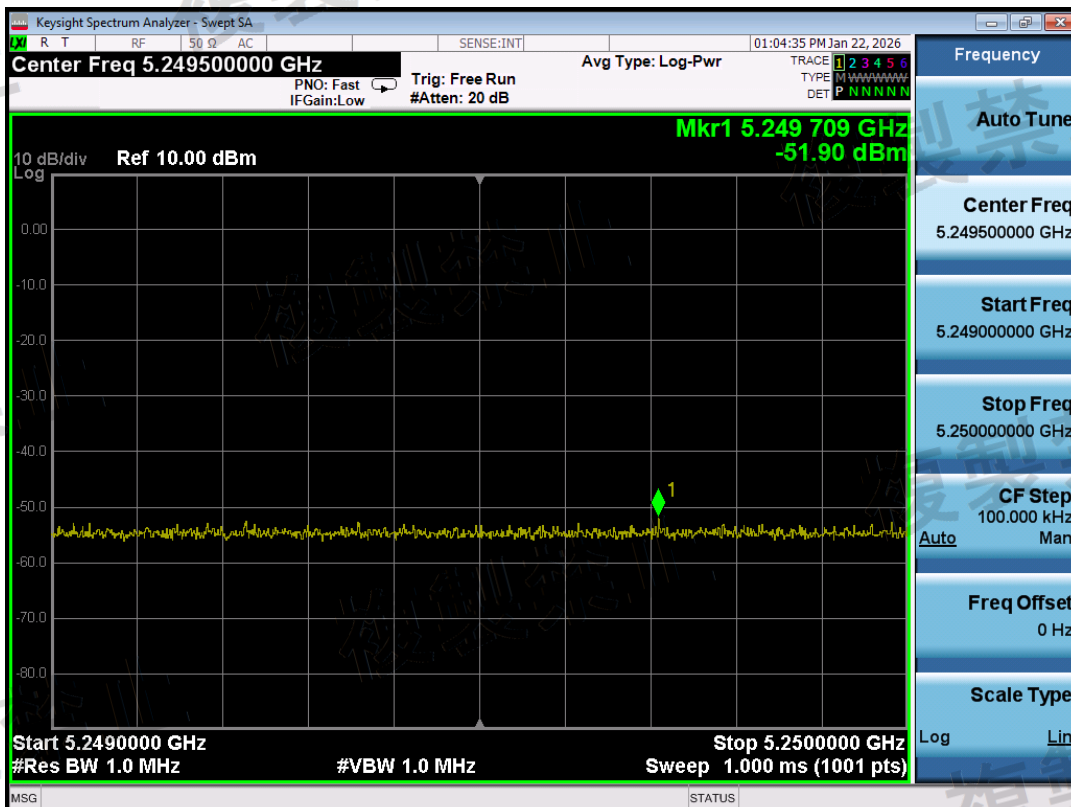
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5310MHz : 5221.6 ~ 5230MHz



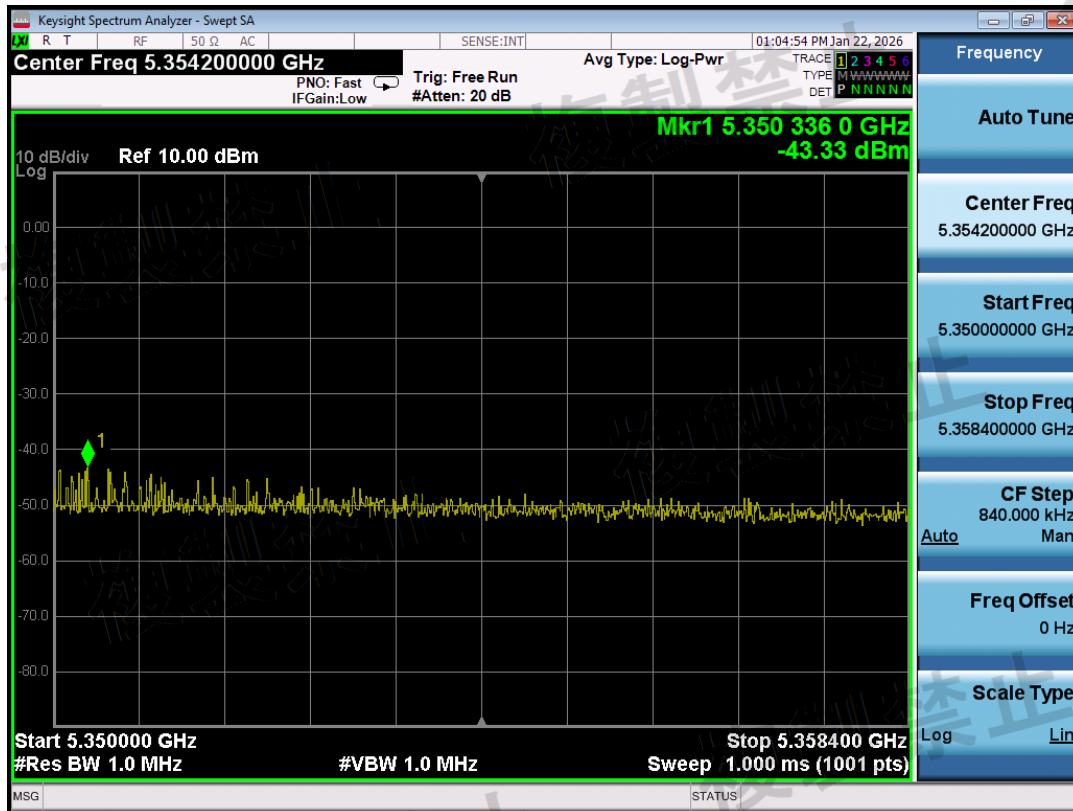
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5310MHz : 5230 ~ 5249MHz



Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5310MHz : 5249 ~ 5250MHz



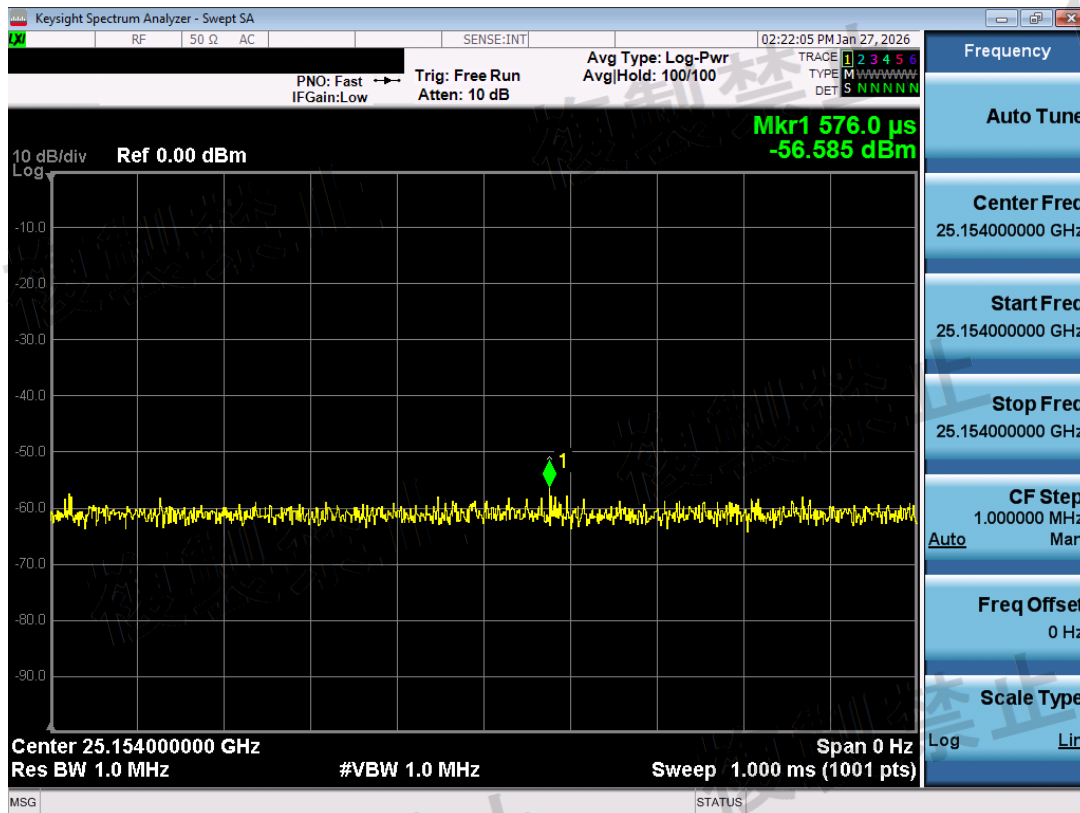
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5310MHz : 5350 ~ 5358.4MHz



Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5310MHz : 5358.4MHz ~ 26000MHz



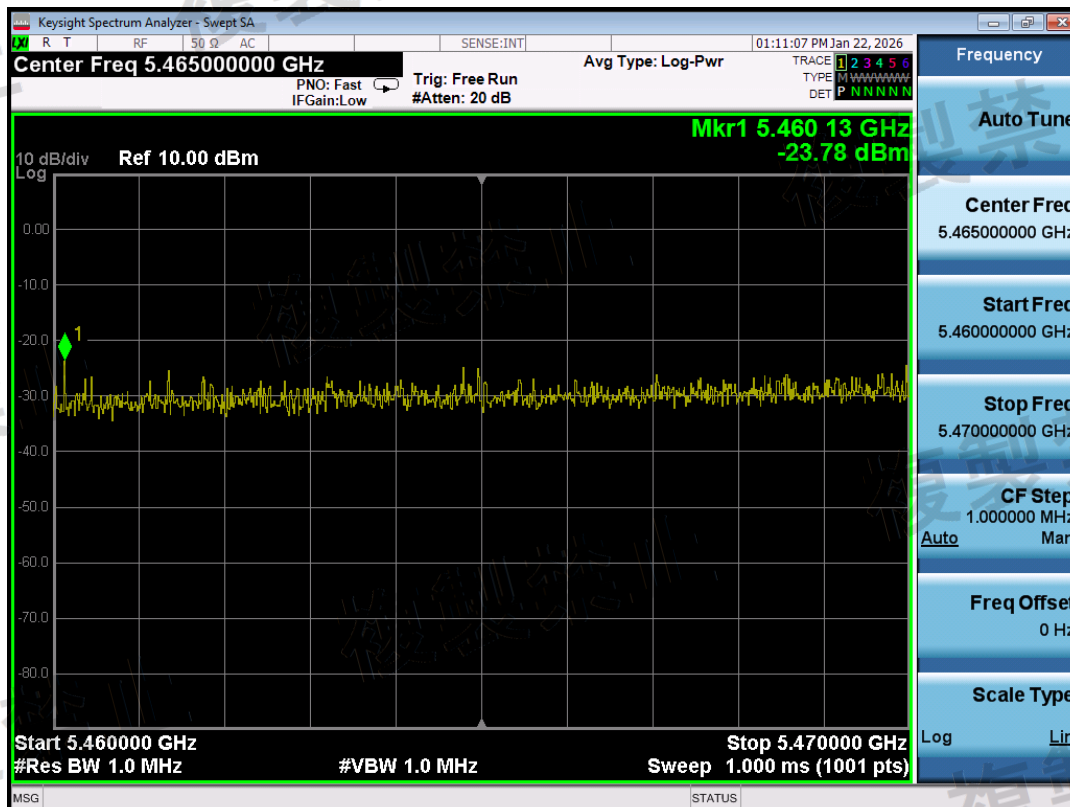
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5310MHz : 5358.4MHz ~ 26000MHz _Sample



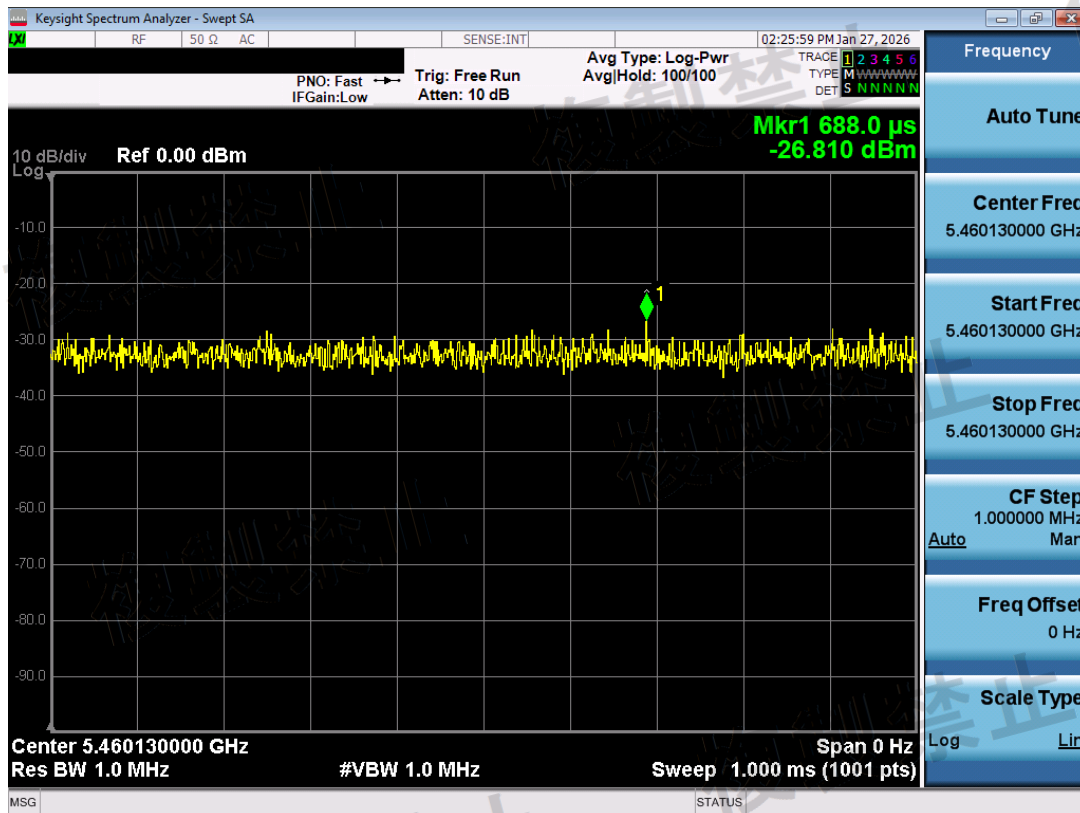
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5510MHz : 30MHz ~ 5460MHz



Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5510MHz : 5460 ~ 5470MHz



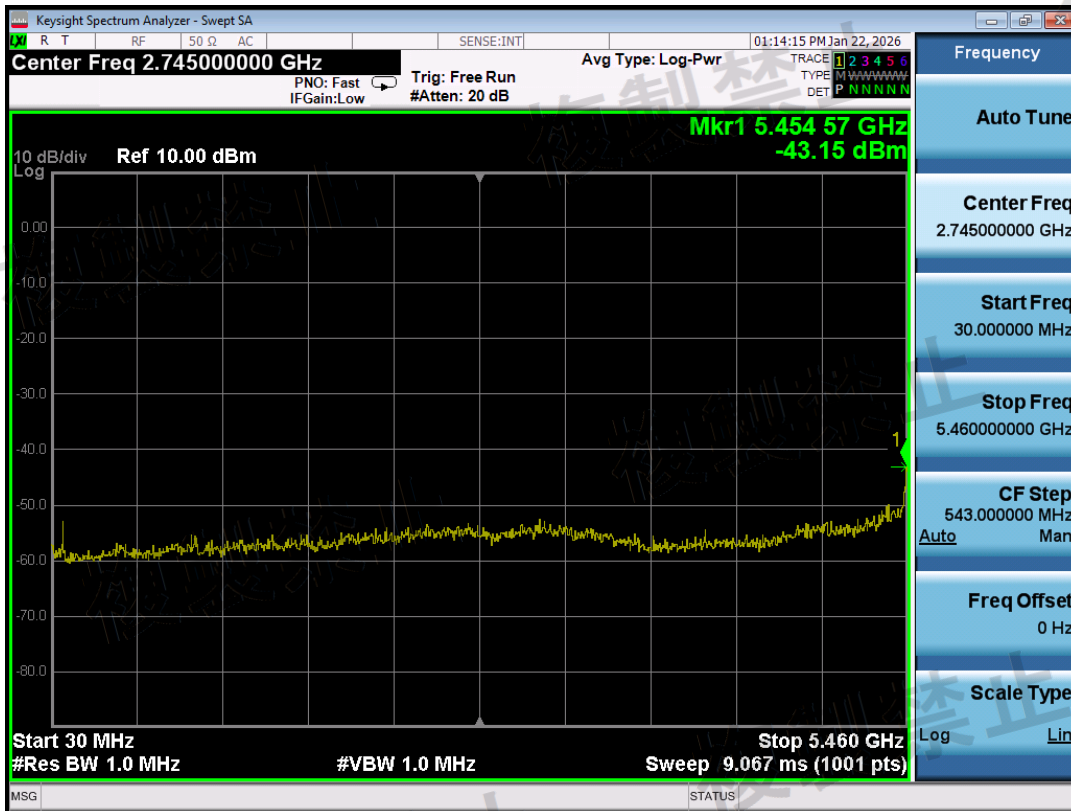
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5510MHz : 5460 ~ 5470MHz _Sample



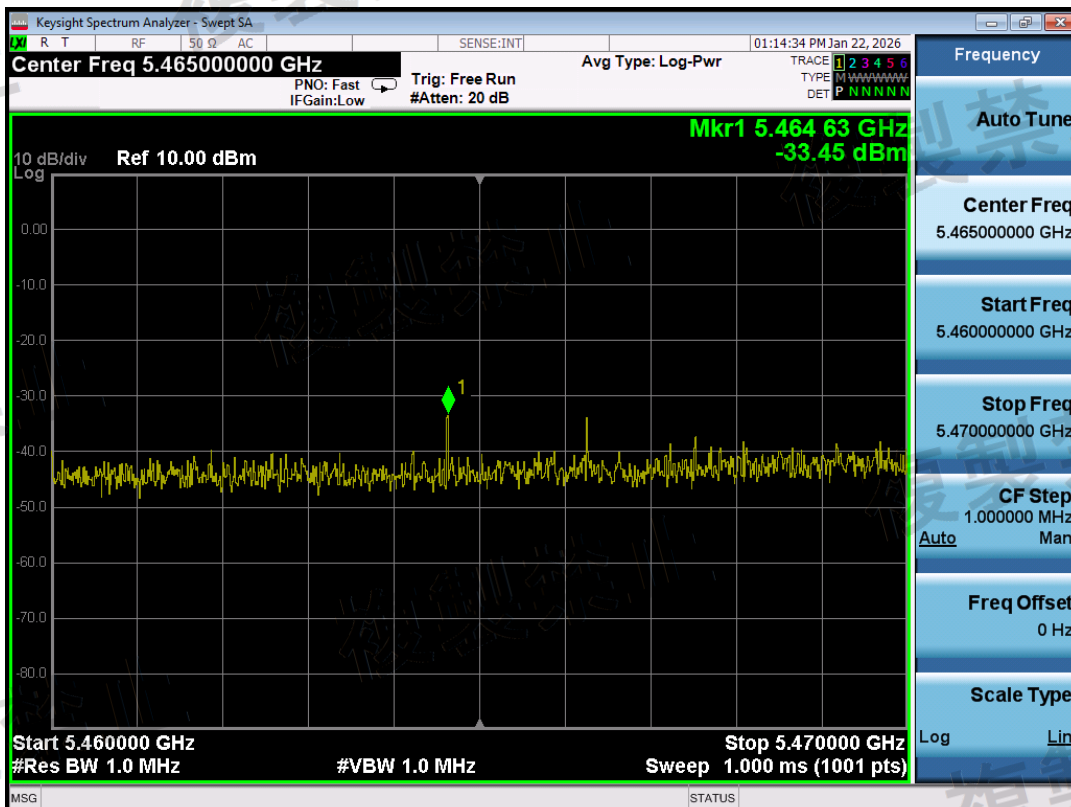
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5510MHz : 5770MHz ~ 26000MHz



Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5550MHz : 30MHz ~ 5460MHz



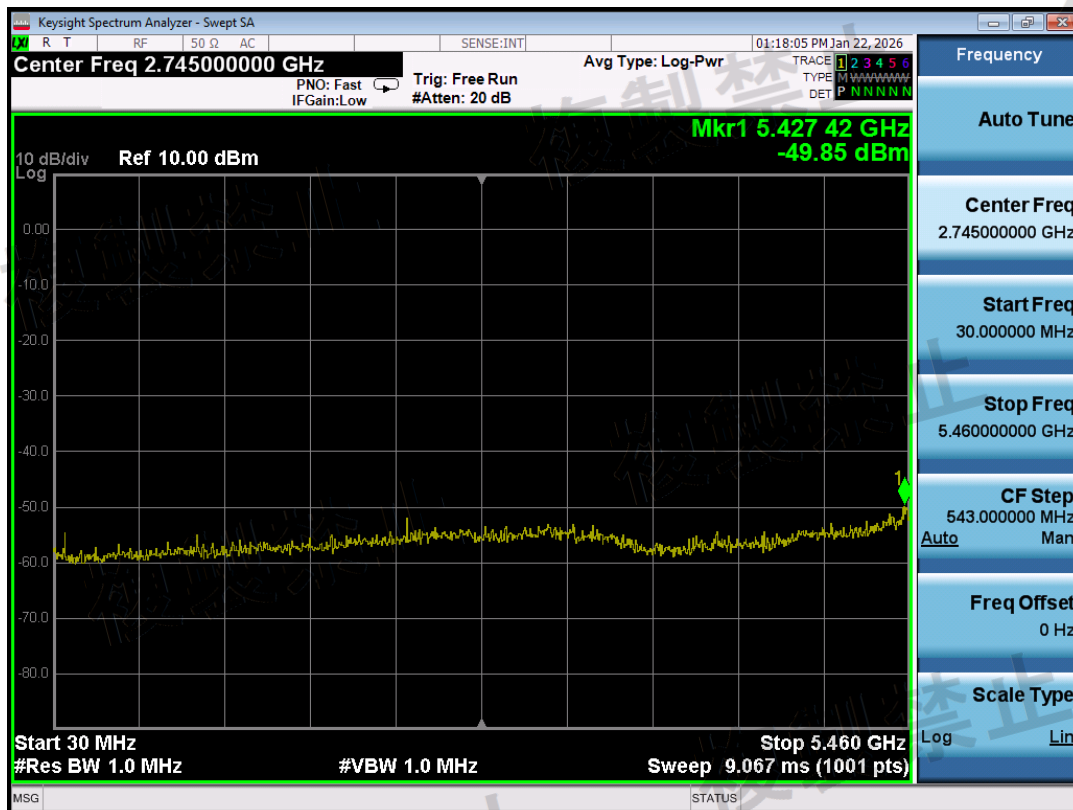
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5550MHz : 5460 ~ 5470MHz



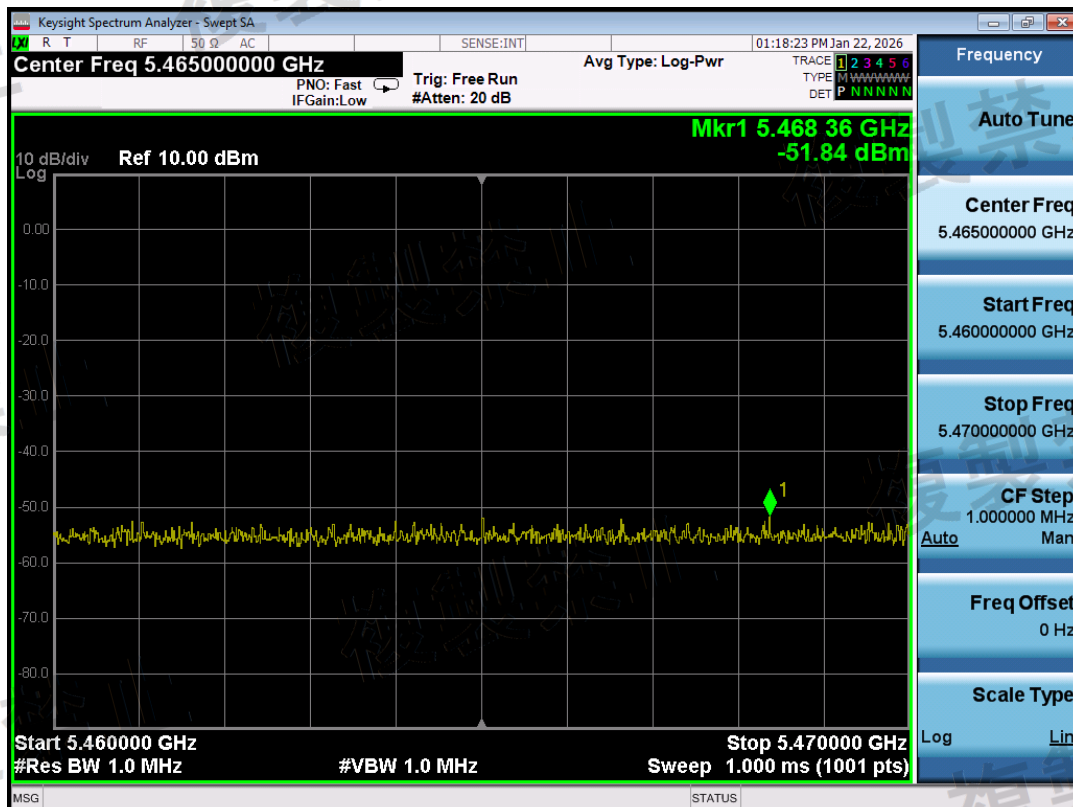
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5550MHz : 5770MHz ~ 26000MHz



Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5670MHz : 30MHz ~ 5460MHz



Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5670MHz : 5460 ~ 5470MHz



Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5670MHz : 5770MHz ~ 26000MHz



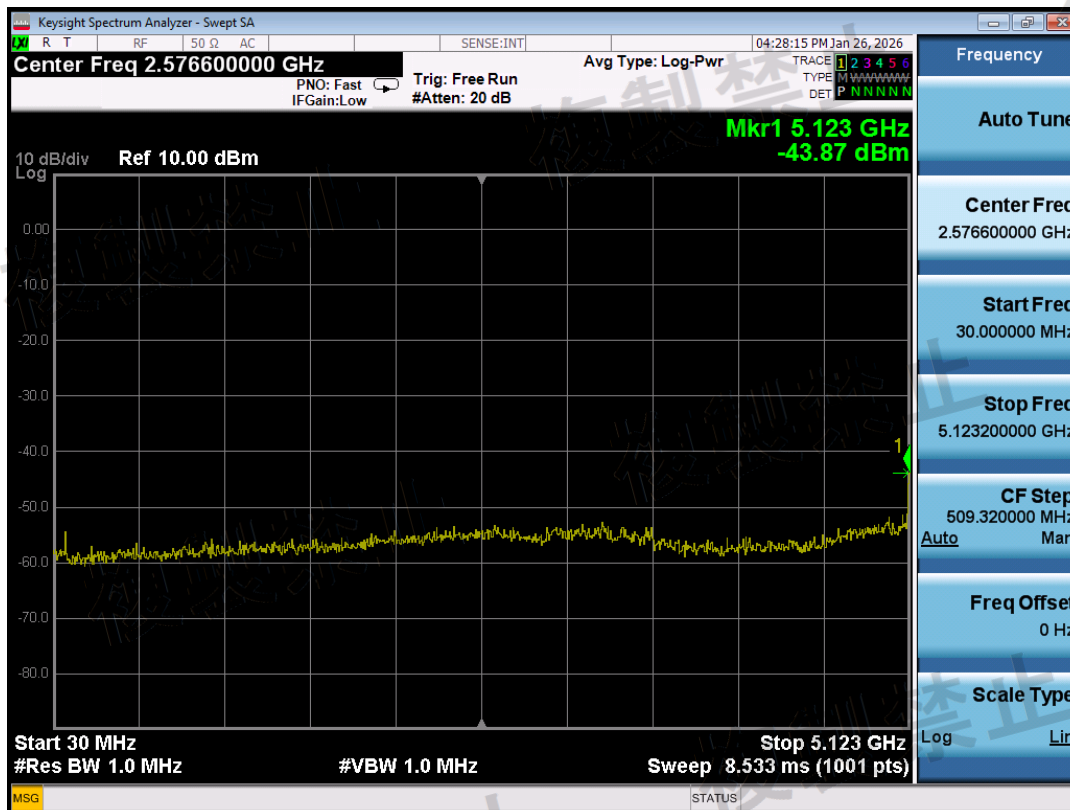
Product : IP CAMERA
Test Item : Unwanted Emission Strength
Test Mode : Mode 7 : Transmit (802.11ax HE80)
Test Voltage : DC 12V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Total (μW/MHz)	Limit (μW/MHz)	Result
		dBm/MHz	μW/MHz	dBm/MHz	μW/MHz			
5210	30 ~ 5123.2	-42.66	0.0542	--	--	0.0542	≤ 2.50	Pass
	5123.2 ~ 5150	-35.56	0.2780	--	--	0.2780	≤ 15.00	Pass
	5250 ~ 5251	-11.79	66.2217	--	--	66.2217	≤ 239.85	Pass
	5251 ~ 5290	-19.39	11.5080	--	--	11.5080	≤ 24.63	Pass
	5290 ~ 5296.7	-36.54	0.2218	--	--	0.2218	≤ 3.07	Pass
	5296.7 ~ 26000	-31.01	0.7925	--	--	0.7925	≤ 2.50	Pass
5290	30 ~ 5203.3	-48.42	0.0144	--	--	0.0144	≤ 2.50	Pass
	5203.3 ~ 5210	-43.41	0.0456	--	--	0.0456	≤ 3.85	Pass
	5210 ~ 5249	-23.21	4.7753	--	--	4.7753	≤ 24.45	Pass
	5249 ~ 5250	-12.68	53.9511	--	--	53.9511	≤ 250.00	Pass
	5350 ~ 5376.8	-35.27	0.2972	--	--	0.2972	≤ 15.00	Pass
	5376.8 ~ 26000	-30.83	0.8260	--	--	0.8260	≤ 2.50	Pass
5530	30 ~ 5460	-26.67	2.1528	--	--	2.1528	≤ 12.50	Pass
	5460 ~ 5469.5	-23.00	5.0119	--	--	5.0119	≤ 50.00	Pass
	5469.5 ~ 5470	-23.72	4.2462	--	--	4.2462	≤ 51.20	Pass
	5770 ~ 26000	-31.19	0.7603	--	--	0.7603	≤ 12.50	Pass
5610	30 ~ 5460	-37.27	0.1875	--	--	0.1875	≤ 12.50	Pass
	5460 ~ 5469.5	-35.93	0.2553	--	--	0.2553	≤ 50.00	Pass
	5469.5 ~ 5470	-33.17	0.4819	--	--	0.4819	≤ 51.20	Pass
	5770 ~ 26000	-31.34	0.7345	--	--	0.7345	≤ 12.50	Pass

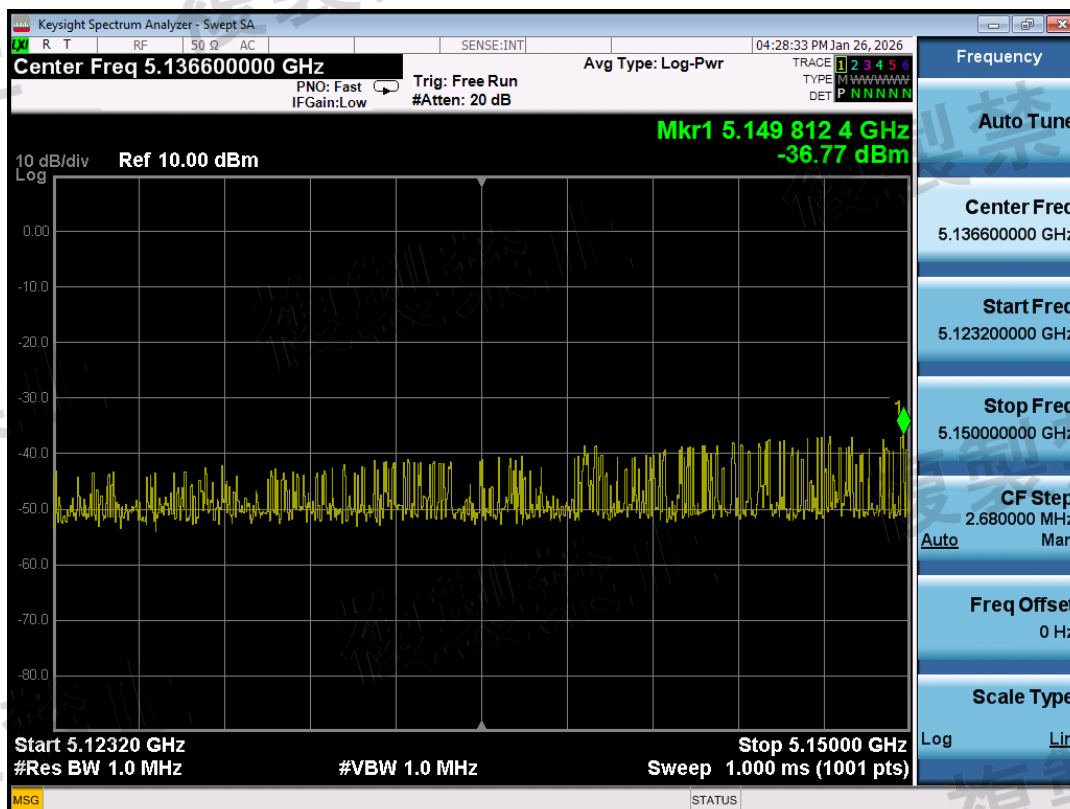
Note:

- (1) The frequency(30~1000MHz) test unit is μW/100kHz : $\mu\text{W}/\text{MHz} = \text{Measured Value}(\mu\text{W}/100\text{kHz}) * 10$
- (2) Actual value = Reading value + cable loss
- (3) The spectrum plots are attached on the following pages.

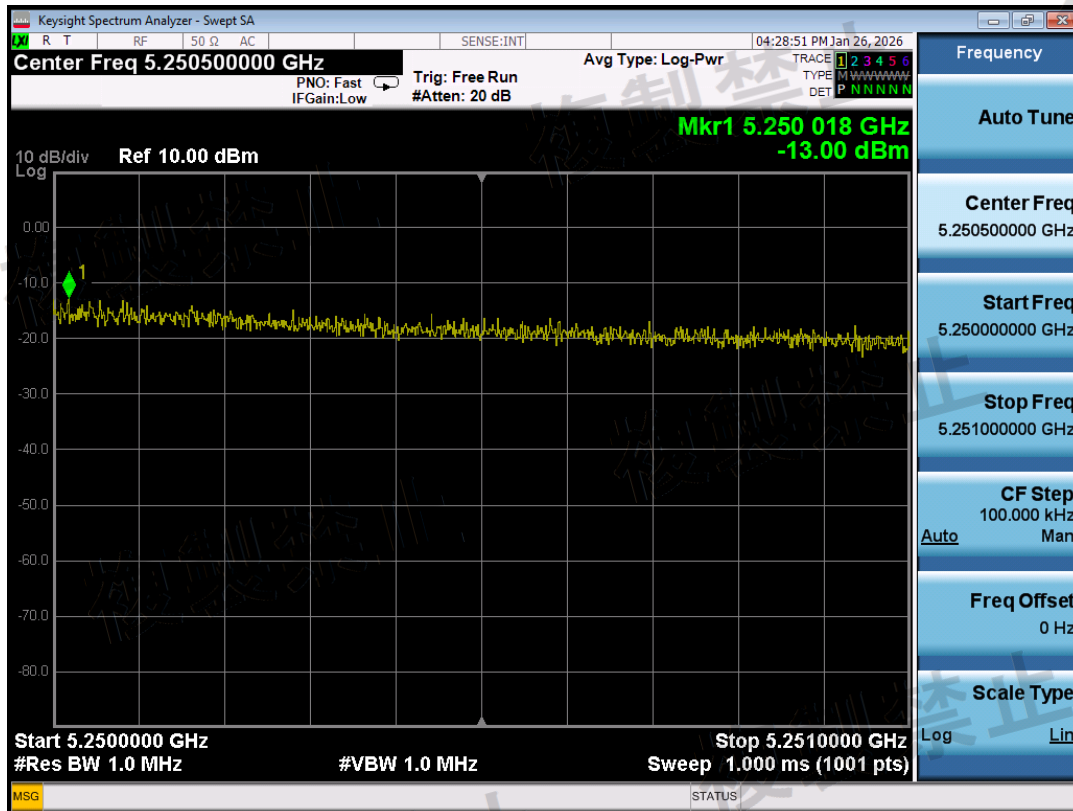
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 30MHz ~ 5123.2MHz



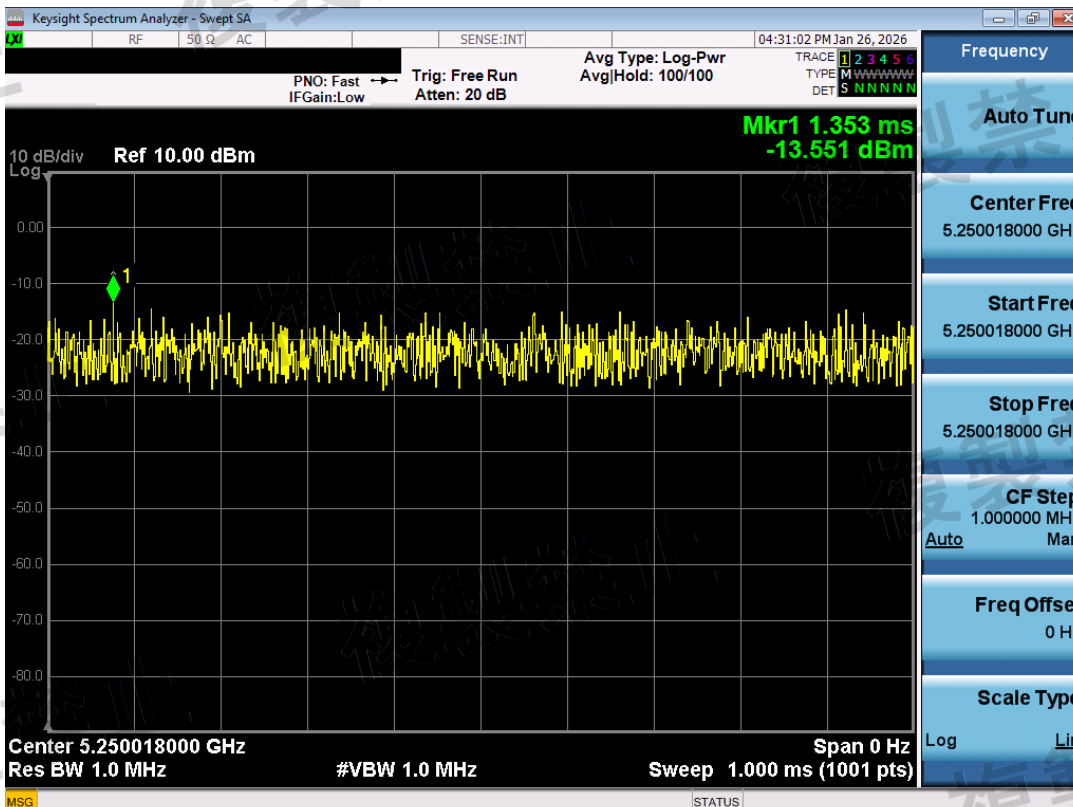
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5123.2 ~ 5150MHz



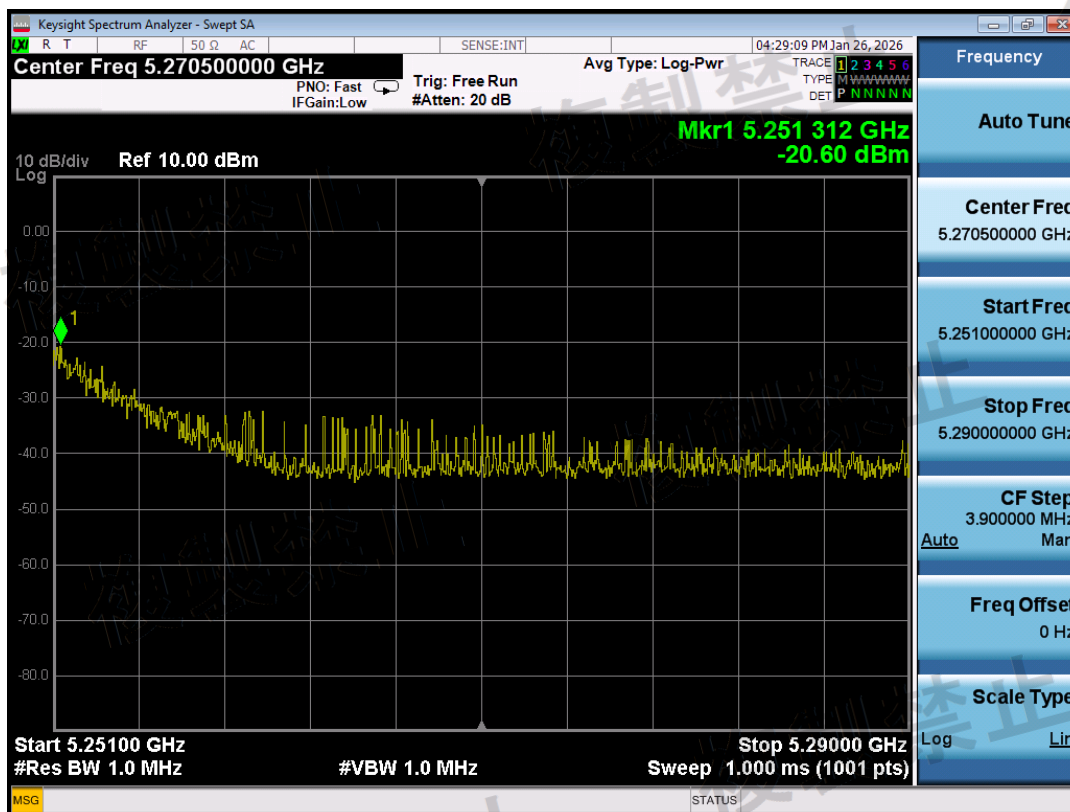
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5250 ~ 5251MHz



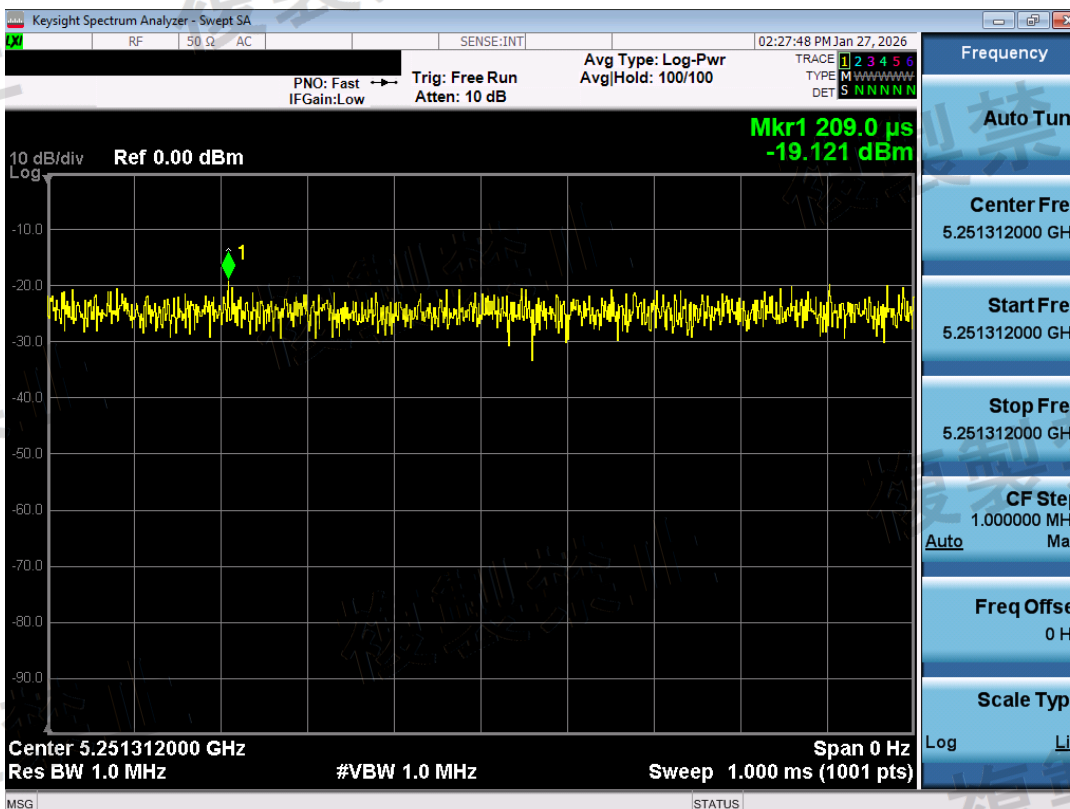
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5250 ~ 5251MHz_Sample



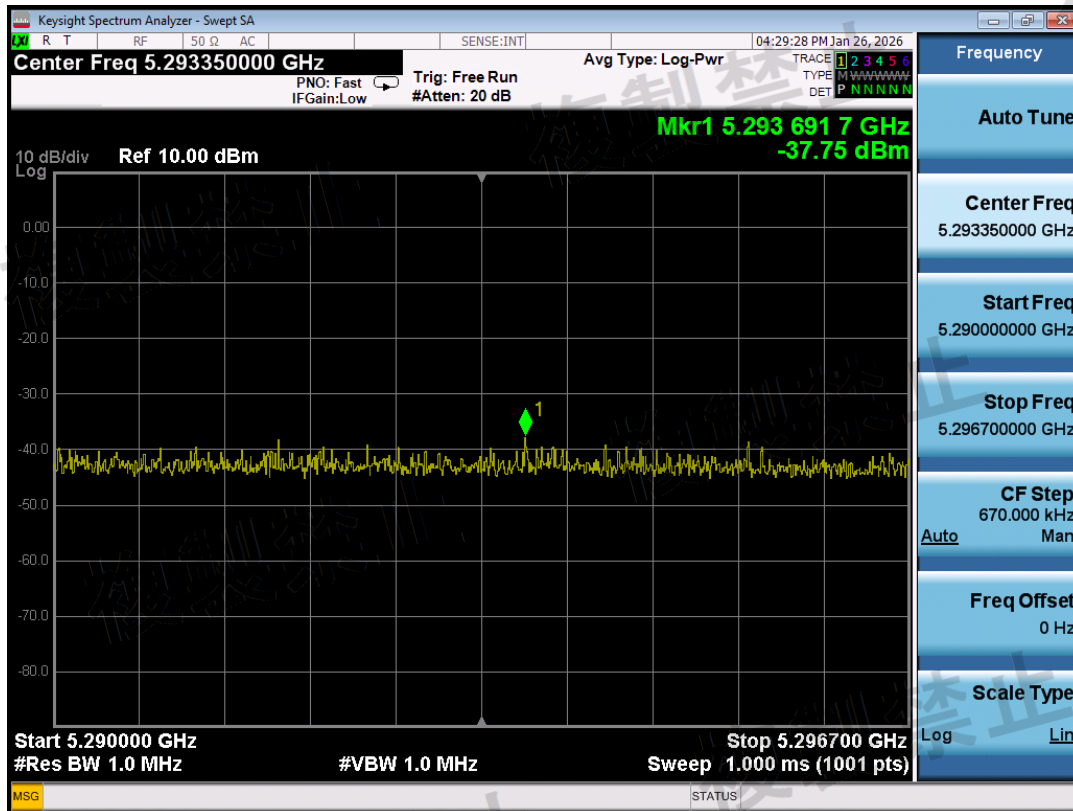
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5251 ~ 5290MHz



Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5251 ~ 5290MHz_Sample



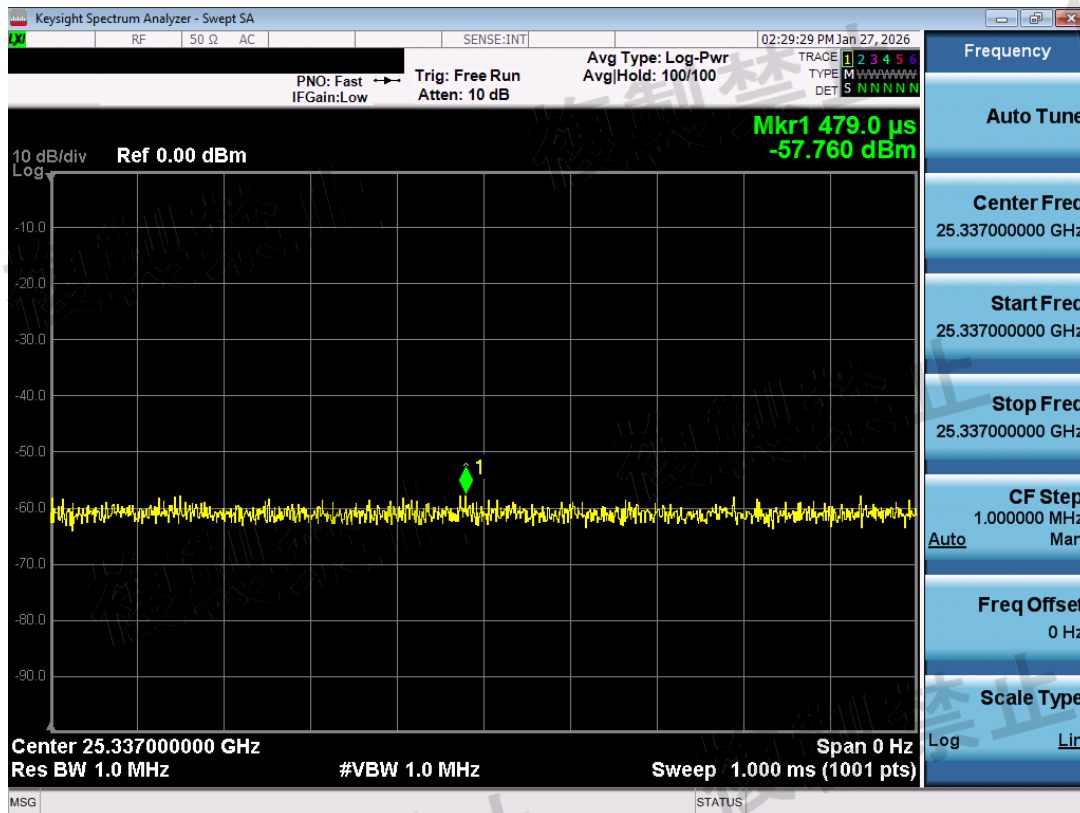
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5290 ~ 5296.7MHz



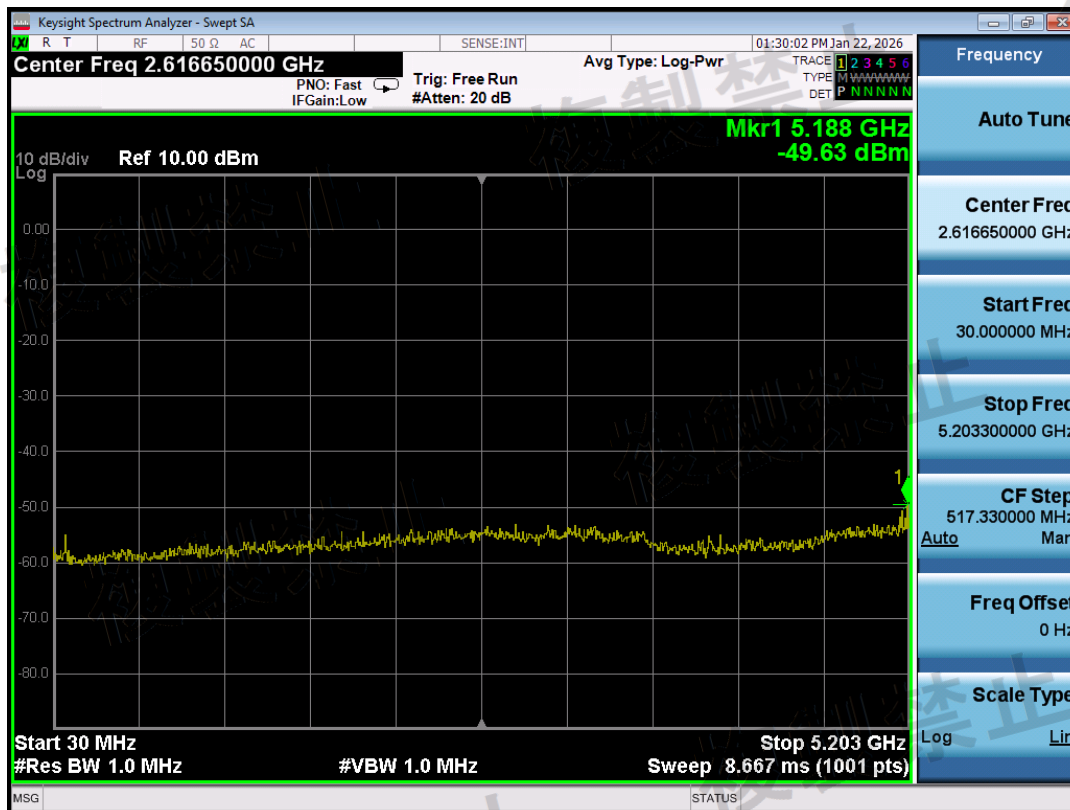
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5296.7MHz ~ 26000MHz



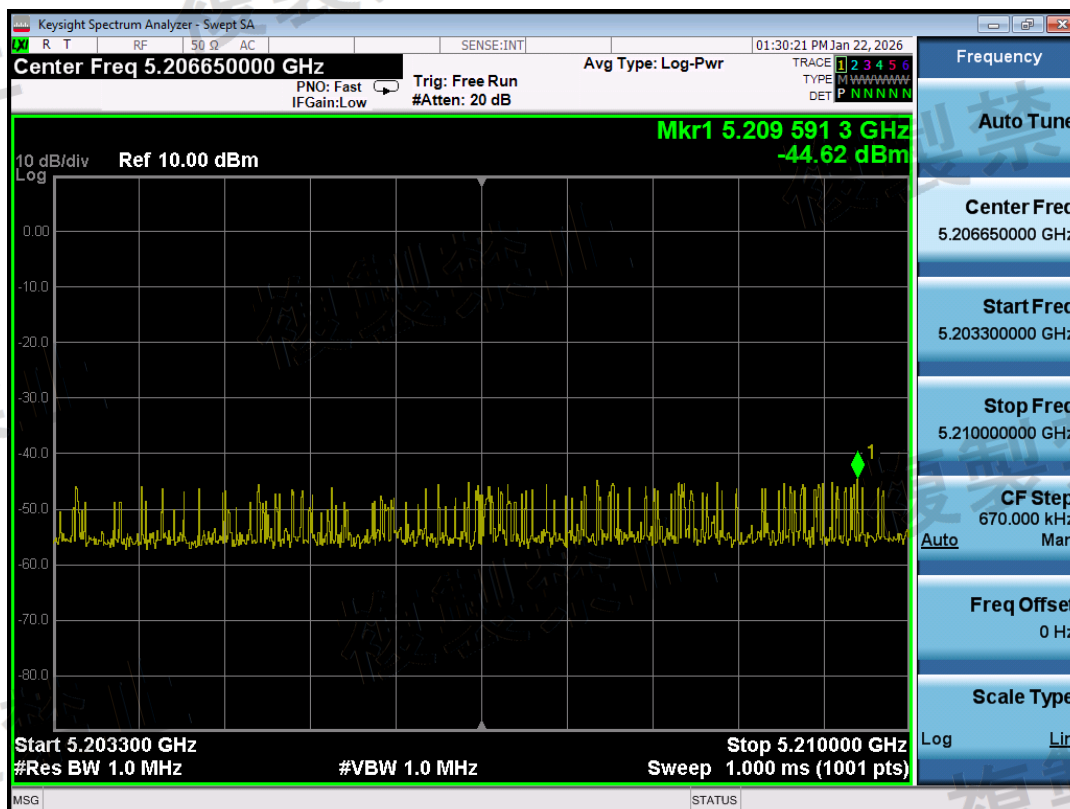
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5296.7MHz ~ 26000MHz _Sample



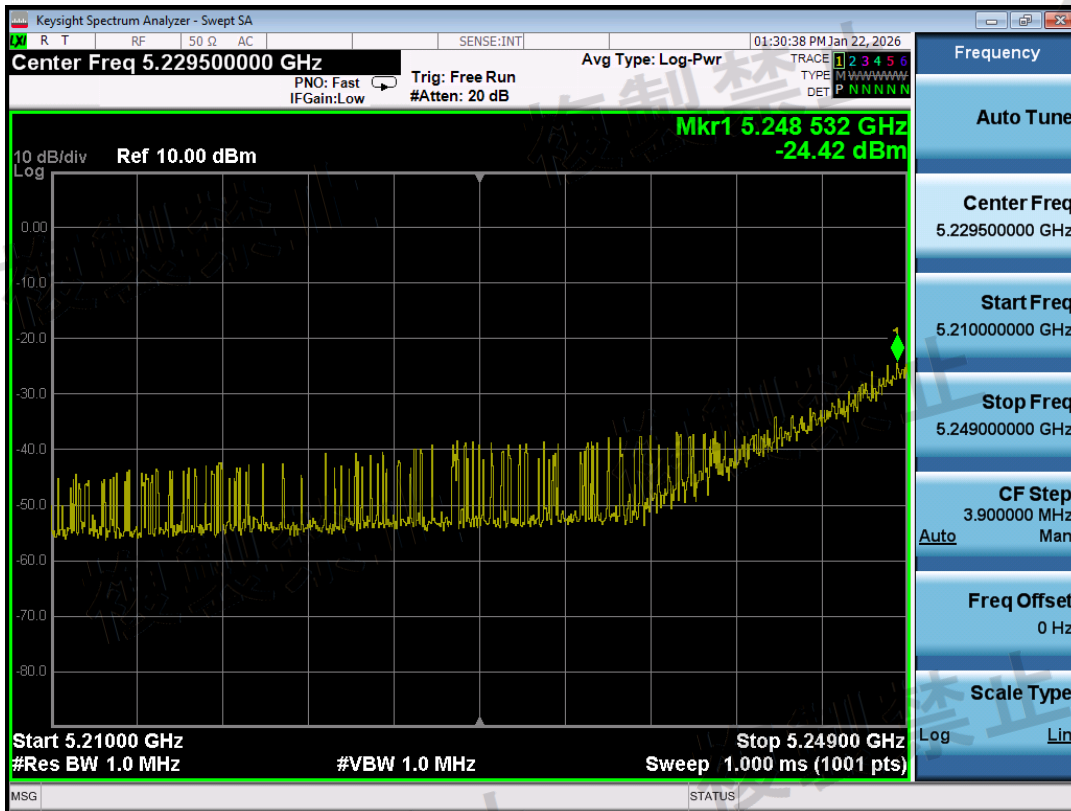
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5290MHz : 30MHz ~ 5203.3MHz



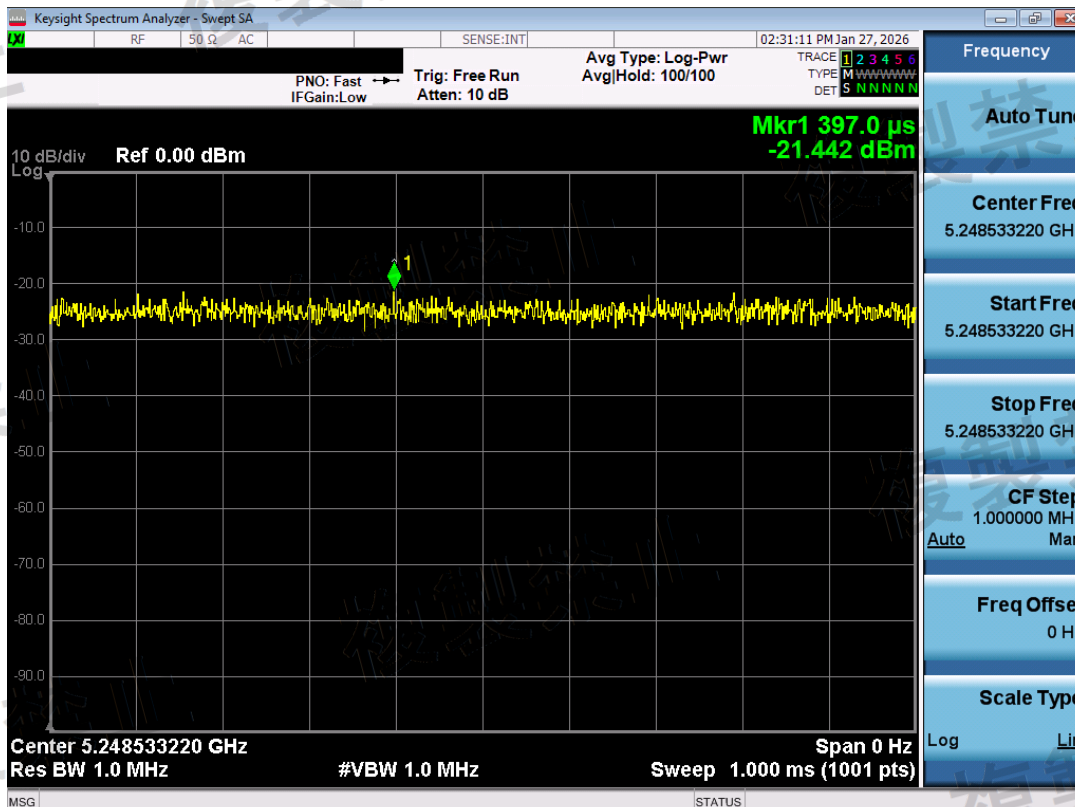
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5290MHz : 5203.2 ~ 5210MHz



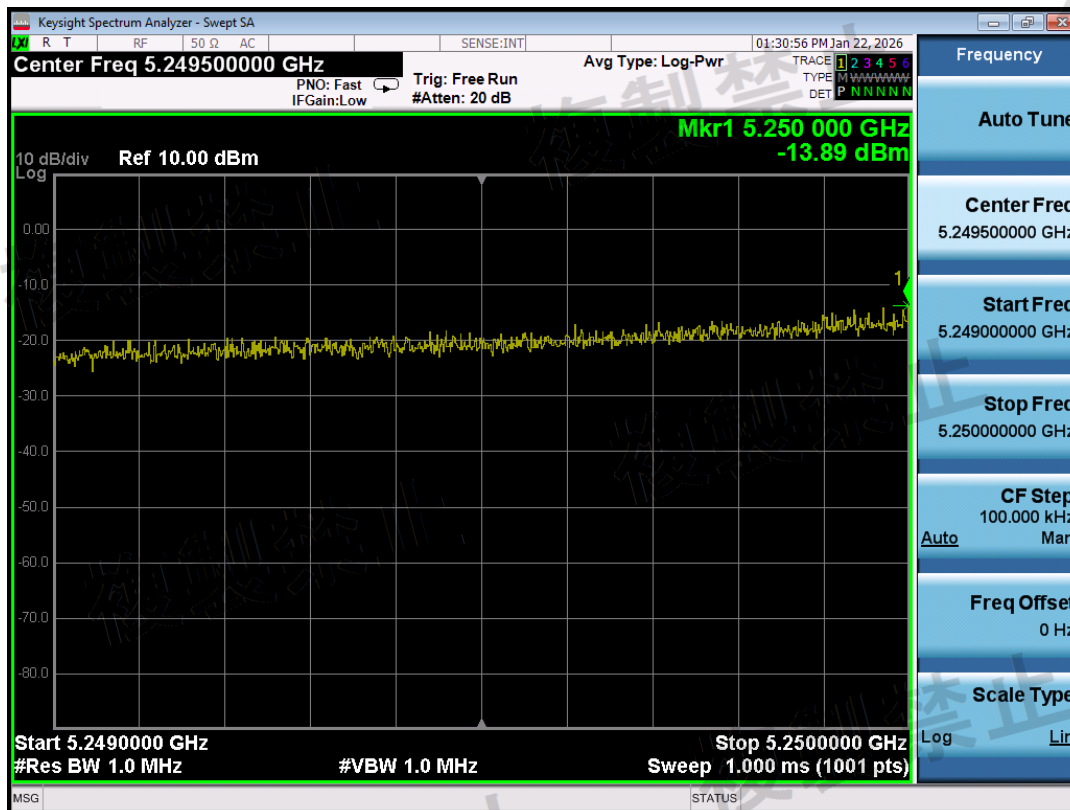
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5290MHz : 5210 ~ 5249MHz



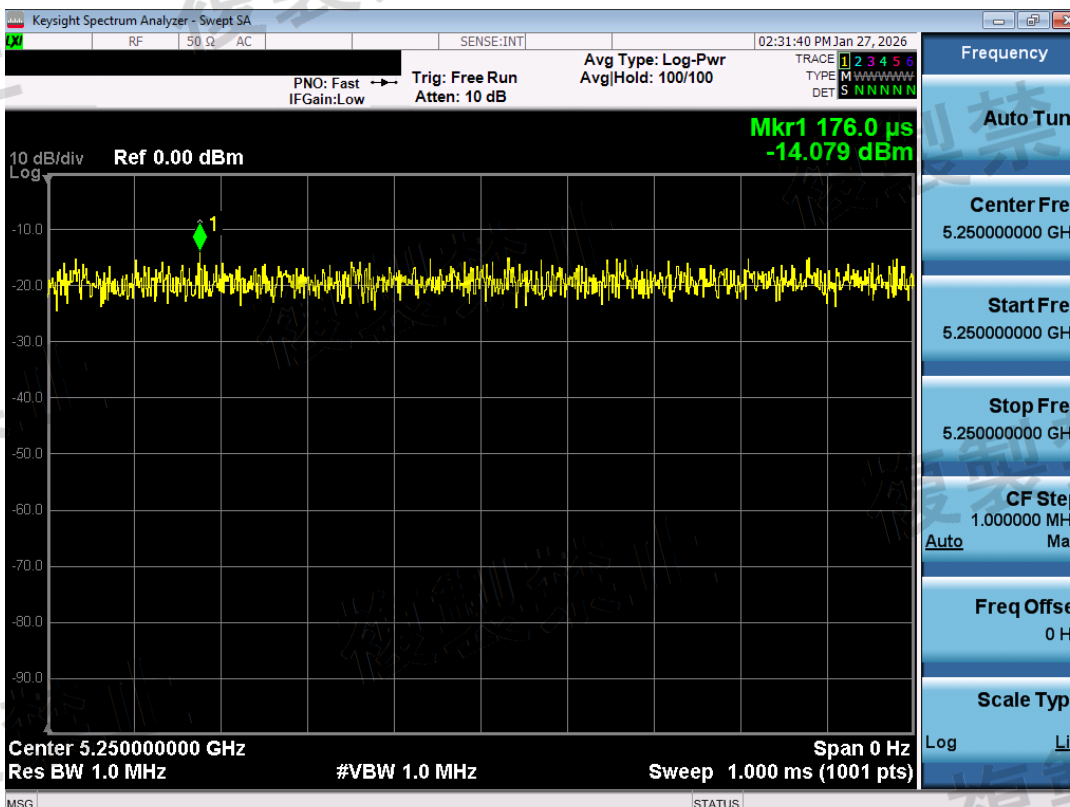
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5290MHz : 5210 ~ 5249MHz_Sample



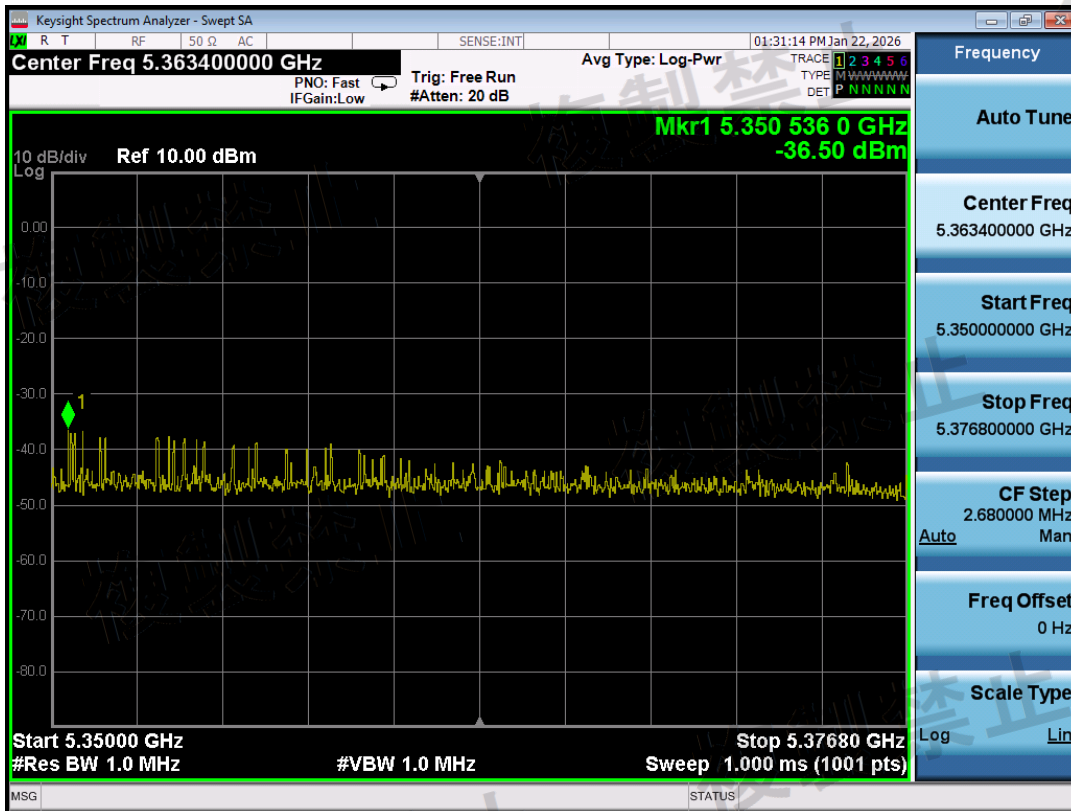
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5290MHz : 5249 ~ 5250MHz



Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5290MHz : 5249 ~ 5250MHz_Sample



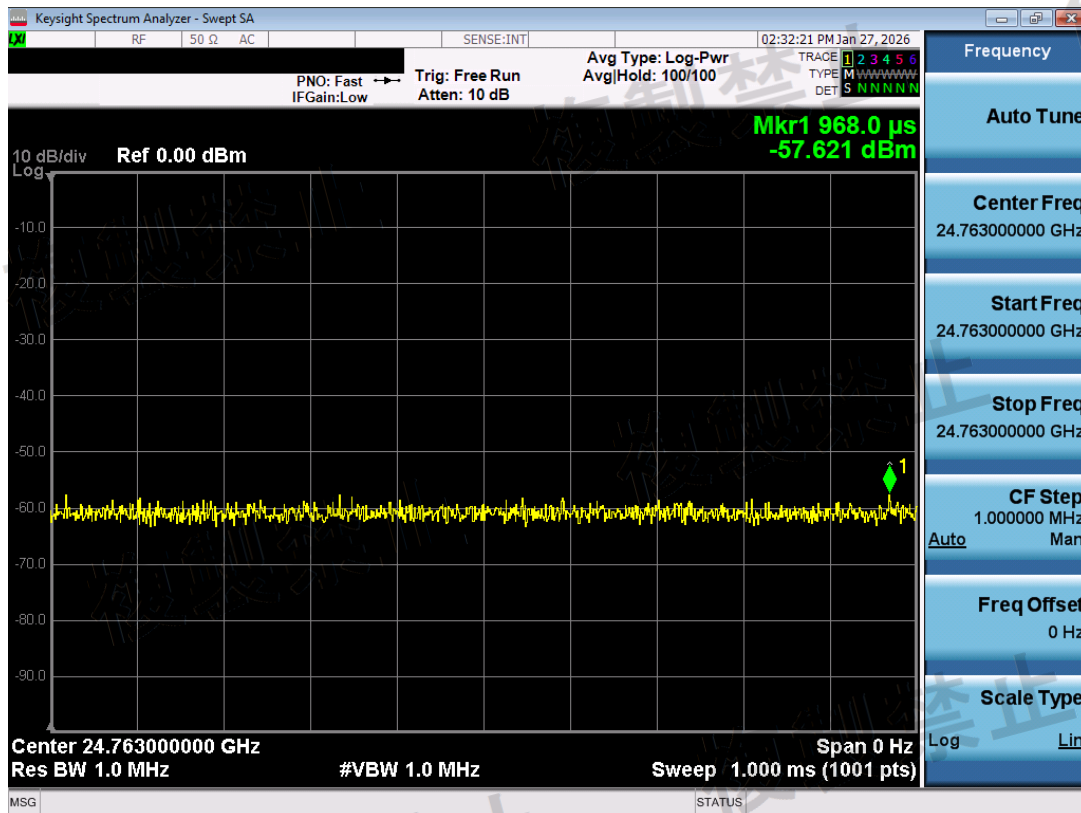
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5290MHz : 5350 ~ 5376.8MHz



Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5290MHz : 5376.8MHz ~ 26000MHz



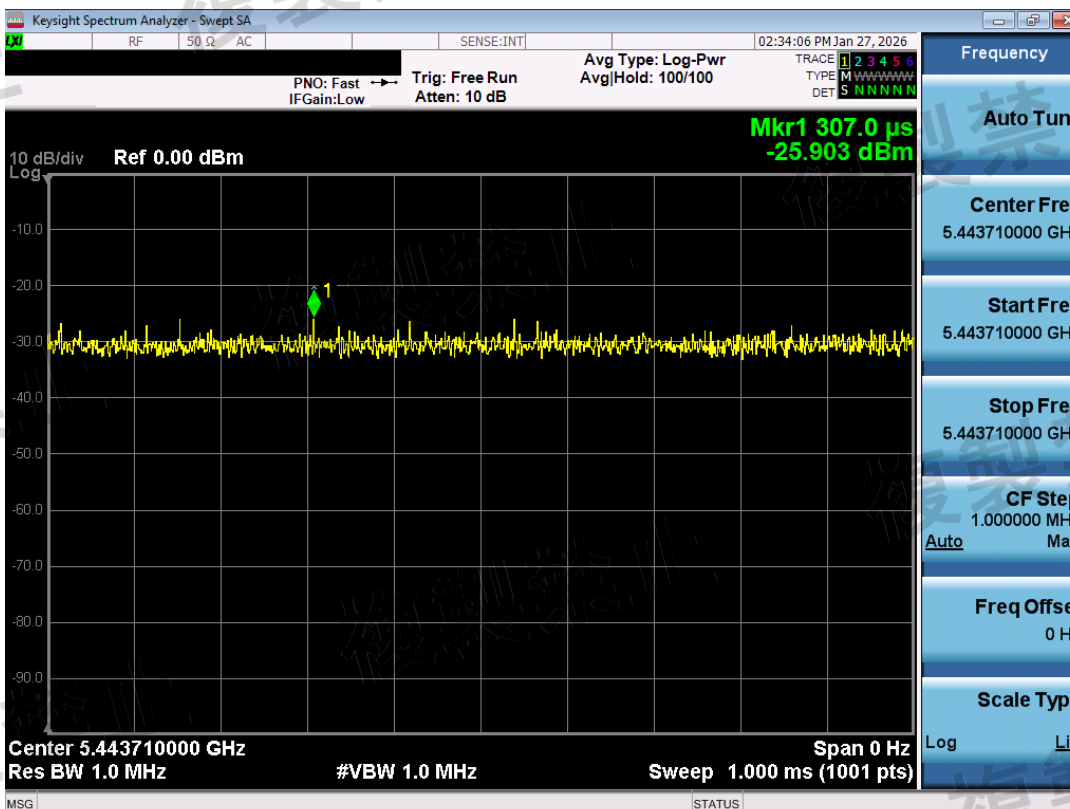
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5290MHz : 5376.8MHz ~ 26000MHz _Sample



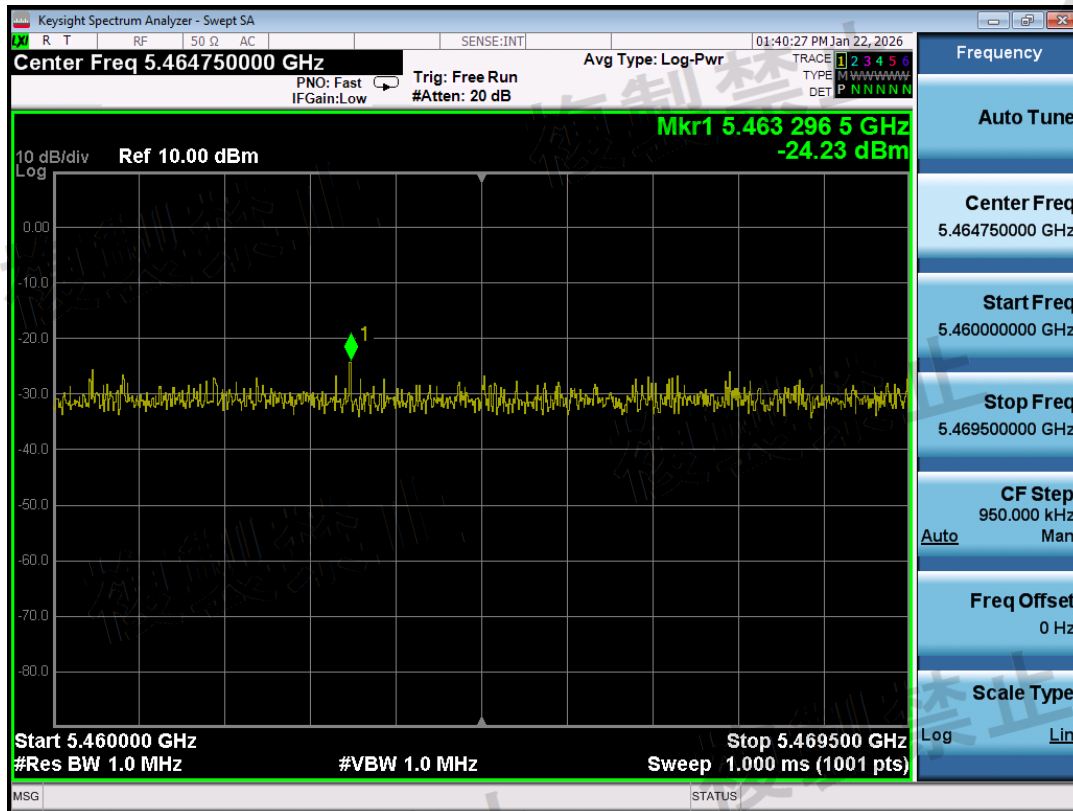
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5530MHz : 30MHz ~ 5460MHz



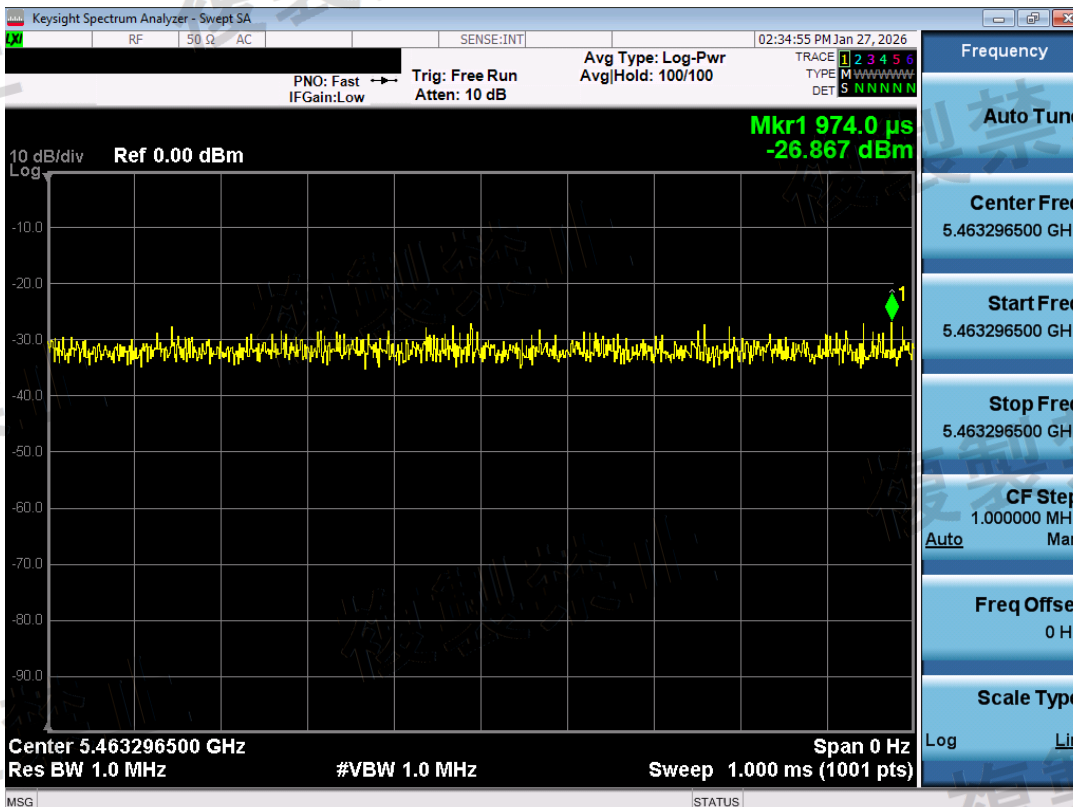
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5530MHz : 30MHz ~ 5460MHz _Sample



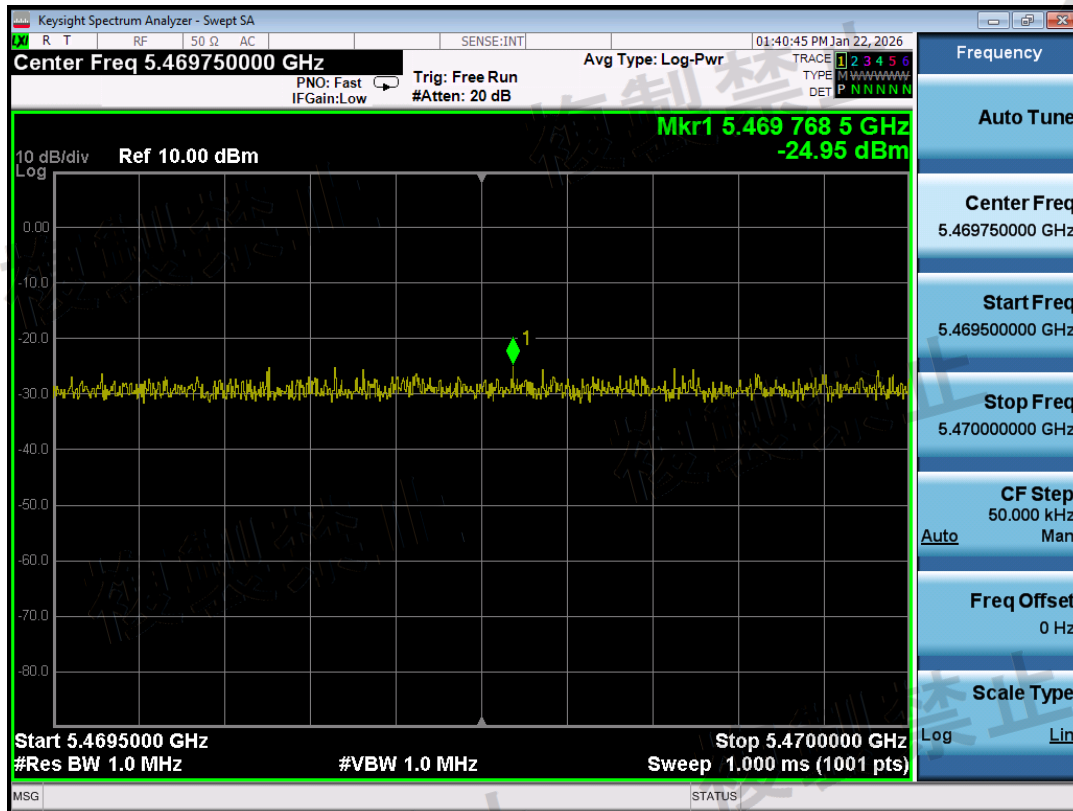
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5530MHz : 5460 ~ 5469.5MHz



Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5530MHz : 5510 ~ 5469.5MHz _Sample



Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5530MHz : 5469.5 ~ 5470MHz



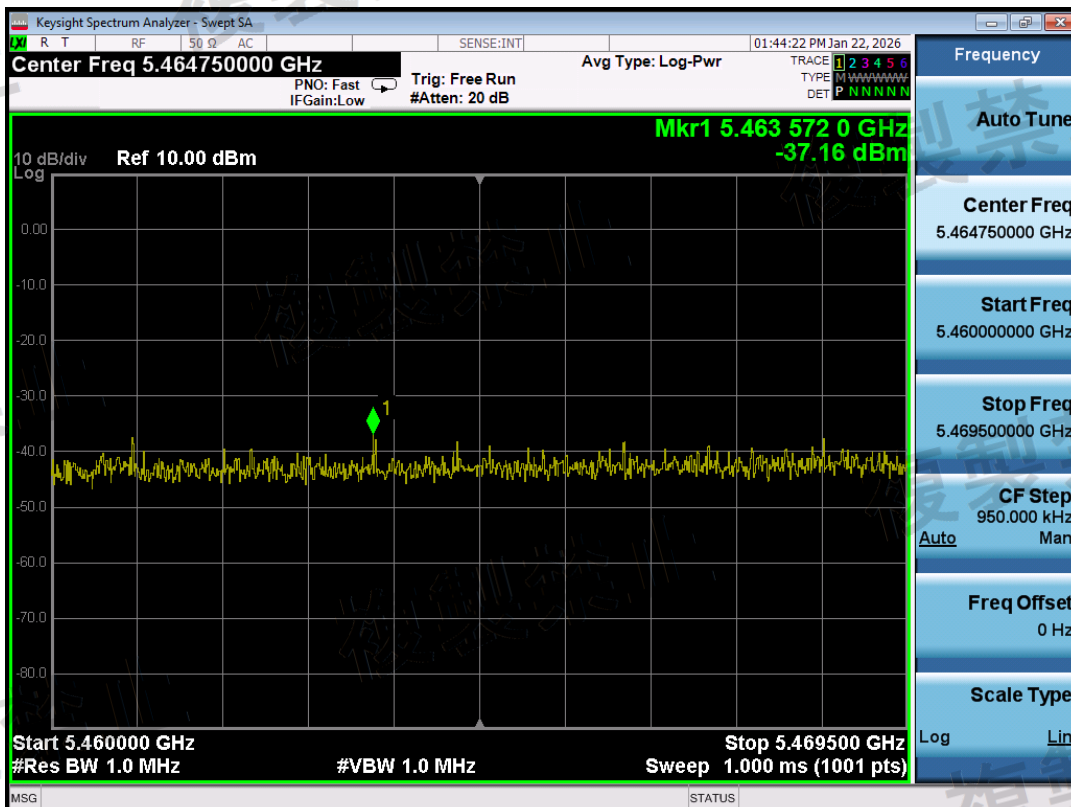
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5530MHz : 5770MHz ~ 26000MHz



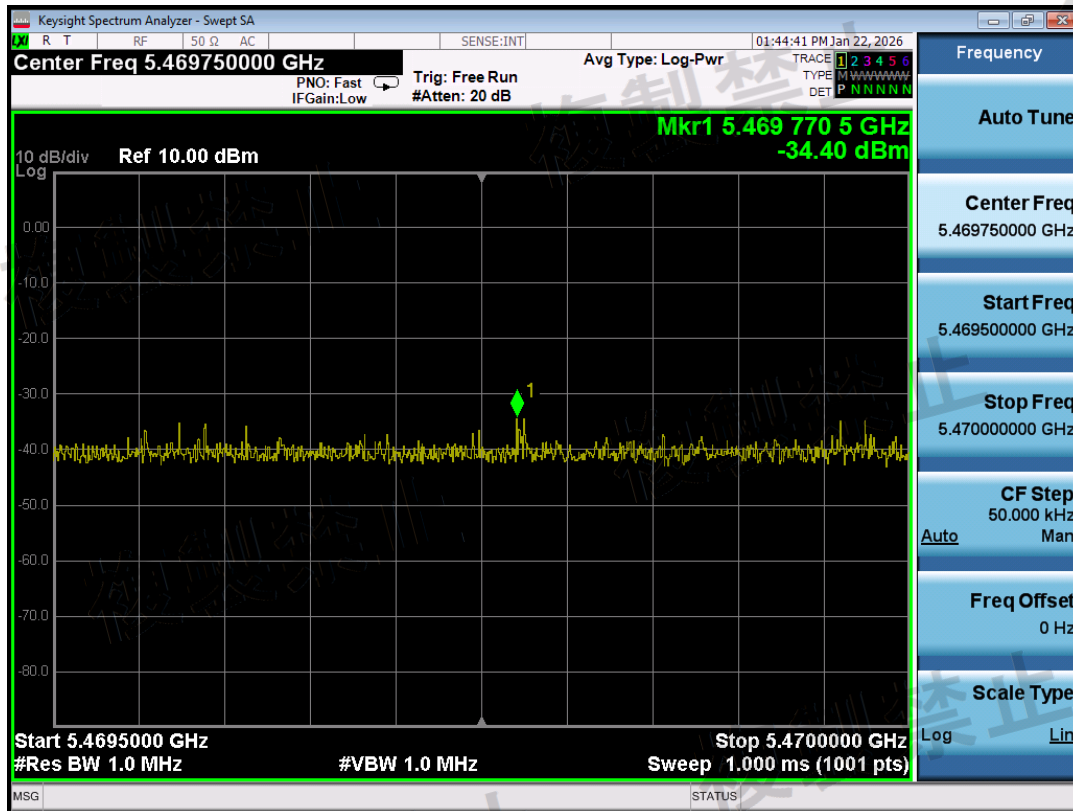
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5610MHz : 30MHz ~ 5460MHz



Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5610MHz : 5460 ~ 5469.5MHz



Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5610MHz : 5469.5 ~ 5470MHz



Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5610MHz : 5770MHz ~ 26000MHz



2.7 Receiver Spurious Emissions

2.7.1 Limit

Frequency (MHz)	Limit
Below 1000	$\leq 4\text{nW}$
Above 1000	$\leq 20\text{nW}$

2.7.2 Test Setup



2.7.3 Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- A positive peak detector function must be used.
- The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

2.7.4 Test Result

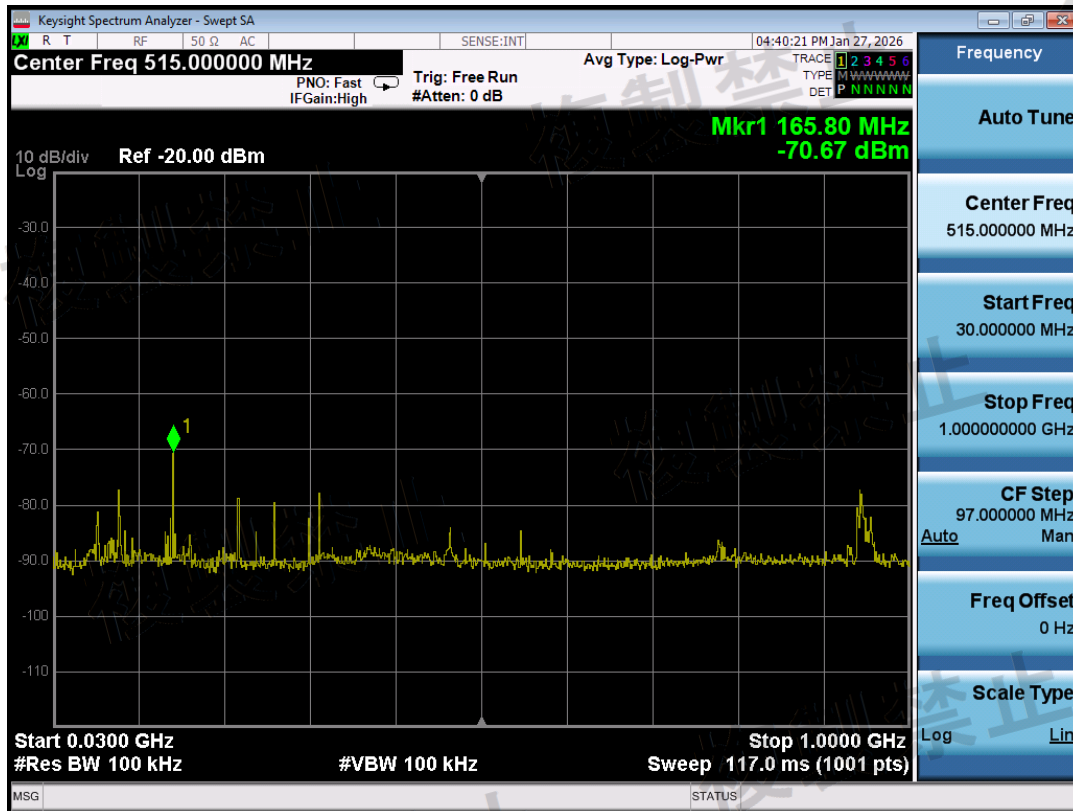
Product : IP CAMERA
Test Item : Receiver Spurious Emissions
Test Mode : Mode 8 : Receiver (802.11a)
Test Voltage : DC 12V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Limit (nW)	Result
		dBm	nW	dBm	nW		
5180	30 ~ 1000	-69.52	0.1117	--	--	≤ 4	Pass
	1000 ~ 12500	-53.85	4.1210	--	--	≤ 20	Pass
5220	30 ~ 1000	-69.47	0.1130	--	--	≤ 4	Pass
	1000 ~ 12500	-54.03	3.9537	--	--	≤ 20	Pass
5240	30 ~ 1000	-69.51	0.1119	--	--	≤ 4	Pass
	1000 ~ 12500	-53.54	4.4259	--	--	≤ 20	Pass
5260	30 ~ 1000	-69.51	0.1119	--	--	≤ 4	Pass
	1000 ~ 12500	-53.48	4.4875	--	--	≤ 20	Pass
5300	30 ~ 1000	-67.93	0.1611	--	--	≤ 4	Pass
	1000 ~ 12500	-53.66	4.3053	--	--	≤ 20	Pass
5320	30 ~ 1000	-68.04	0.1570	--	--	≤ 4	Pass
	1000 ~ 12500	-53.91	4.0644	--	--	≤ 20	Pass
5500	30 ~ 1000	-73.53	0.0444	--	--	≤ 4	Pass
	1000 ~ 12500	-61.03	0.7889	--	--	≤ 20	Pass
5580	30 ~ 1000	-73.24	0.0474	--	--	≤ 4	Pass
	1000 ~ 12500	-60.61	0.8690	--	--	≤ 20	Pass
5700	30 ~ 1000	-68.07	0.1560	--	--	≤ 4	Pass
	1000 ~ 12500	-53.52	4.4463	--	--	≤ 20	Pass

Note:

- (1) Measured Value = Spectrum Reading Value + Cable Loss
- (2) The spectrum plots are attached on the following pages.

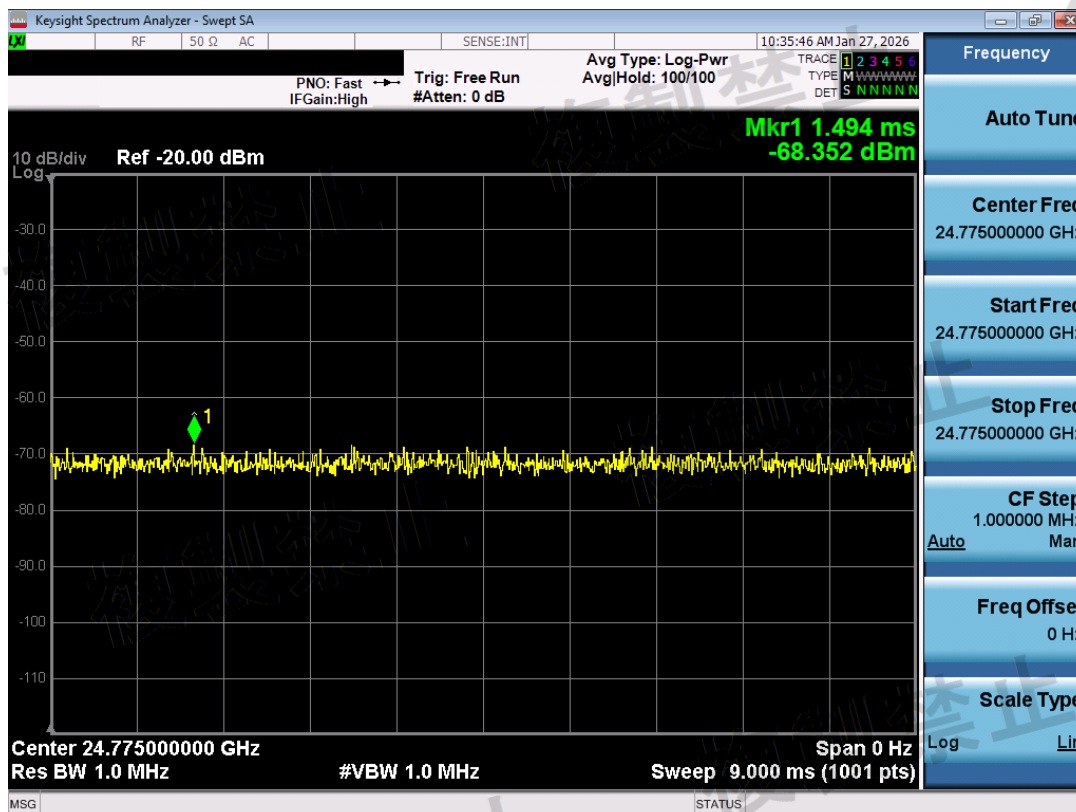
Chain A_Mode 8 : Receiver (802.11a) ; 5180MHz : 30 ~ 1000MHz



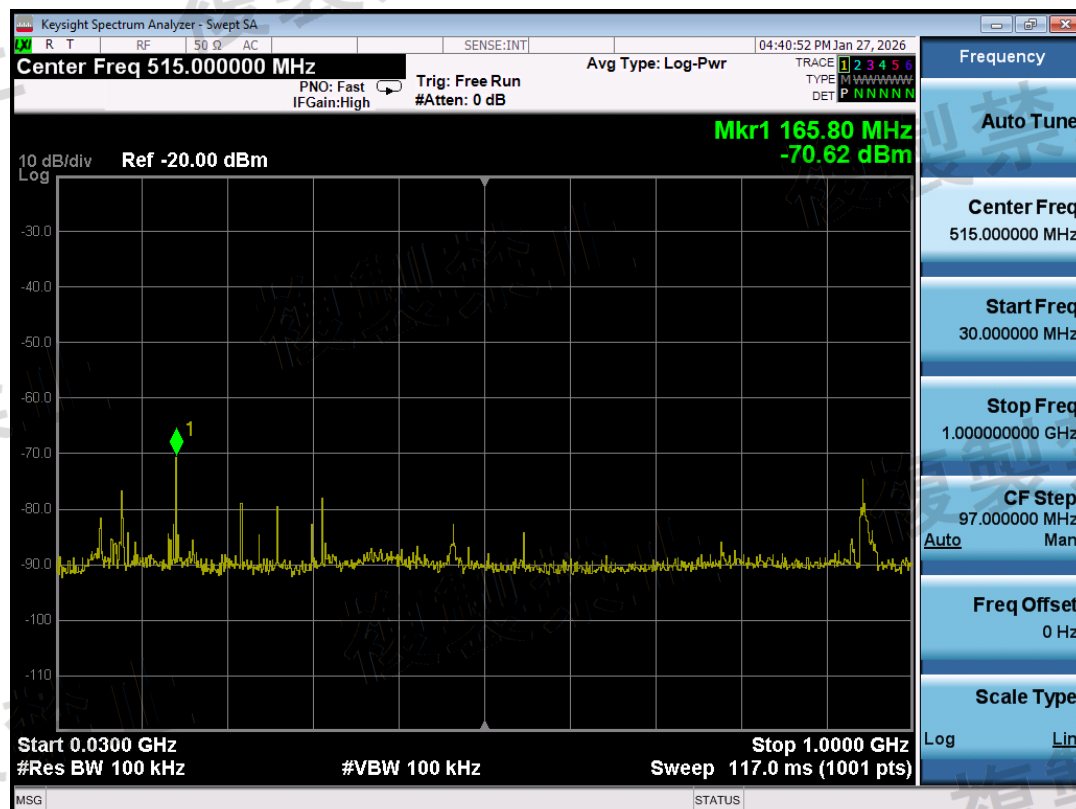
Chain A_Mode 8 : Receiver (802.11a) ; 5180MHz : 1000 ~ 26000MHz



Chain A Mode 8 : Receiver (802.11a) ; 5180MHz : 1000 ~ 26000MHz Sample



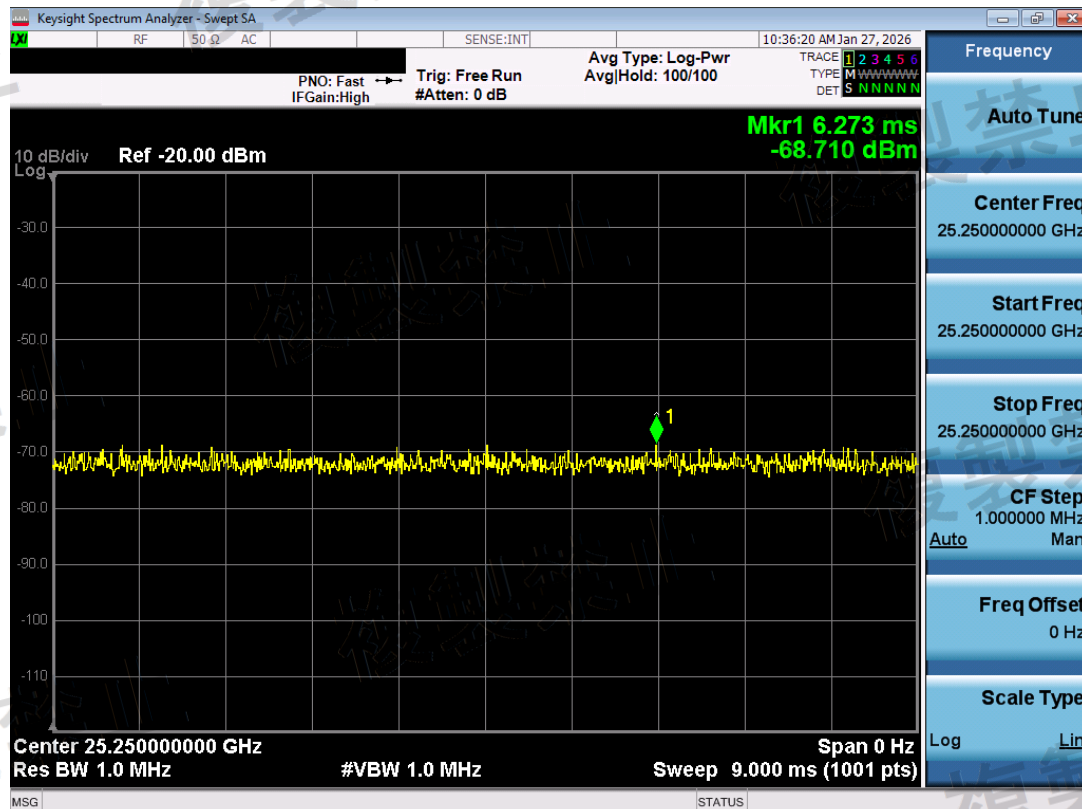
Chain A Mode 8 : Receiver (802.11a) ; 5220MHz : 30 ~ 1000MHz



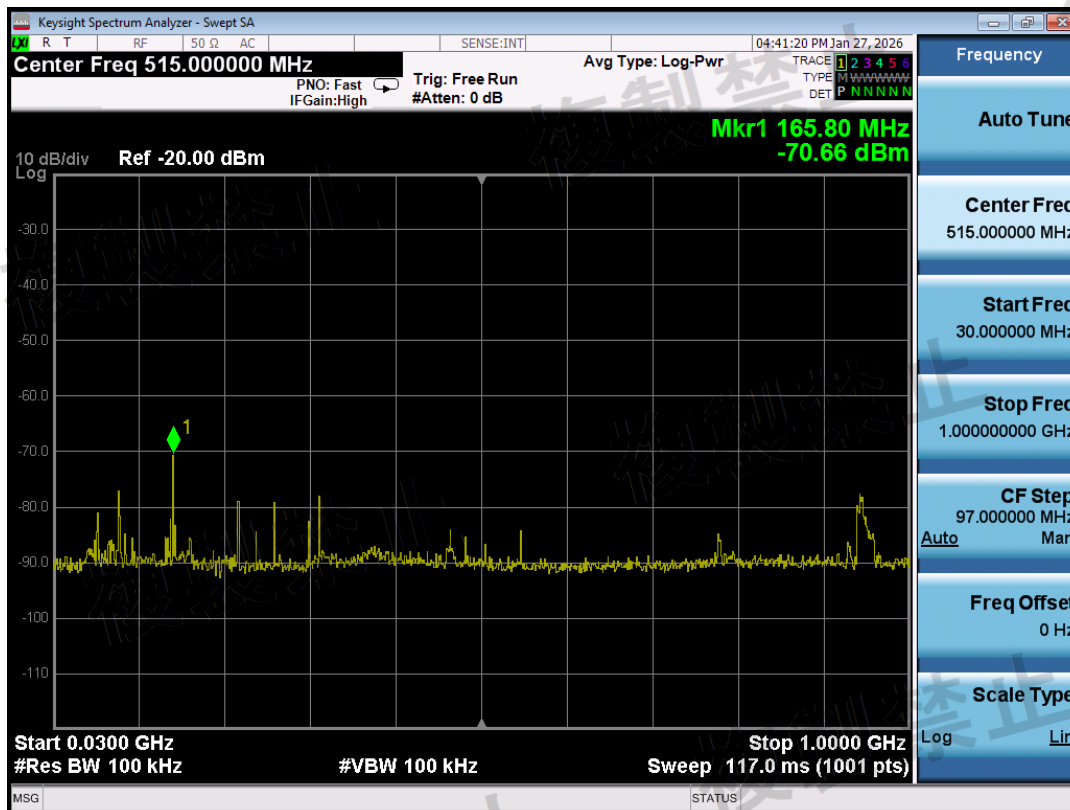
Chain A_Mode 8 : Receiver (802.11a) ; 5220MHz : 1000 ~ 26000MHz



Chain A_Mode 8 : Receiver (802.11a) ; 5220MHz : 1000 ~ 26000MHz_Sample



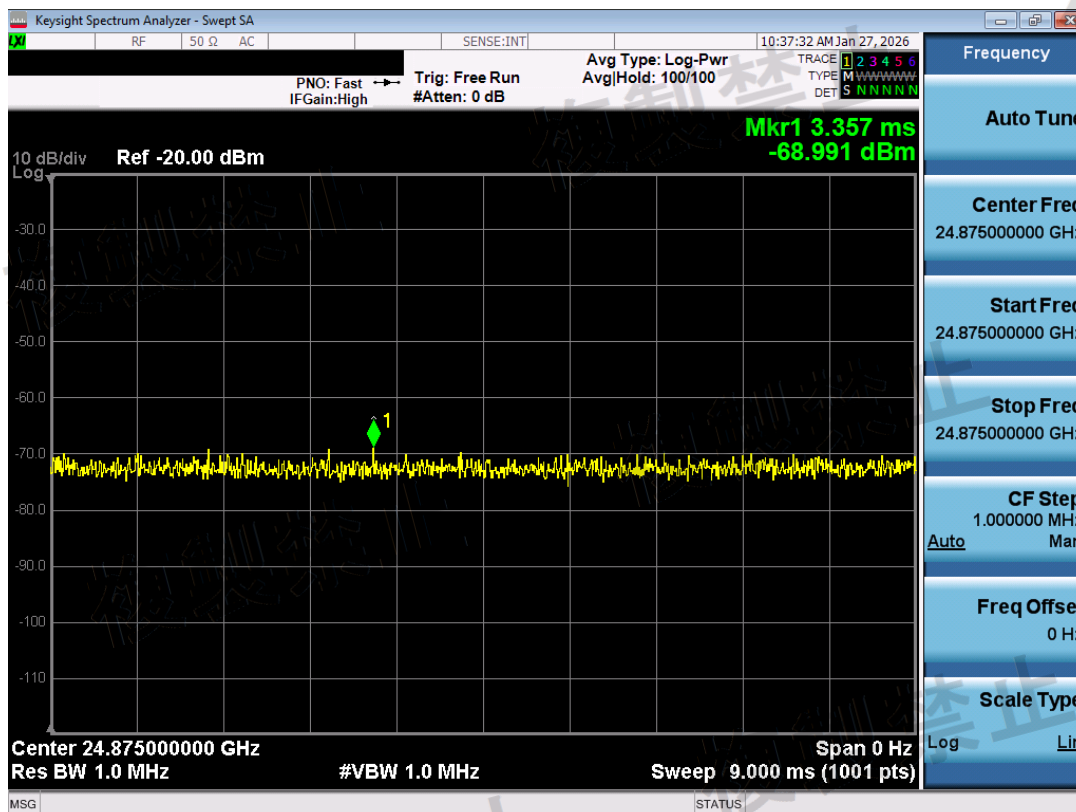
Chain A_Mode 8 : Receiver (802.11a) ; 5240MHz : 30 ~ 1000MHz



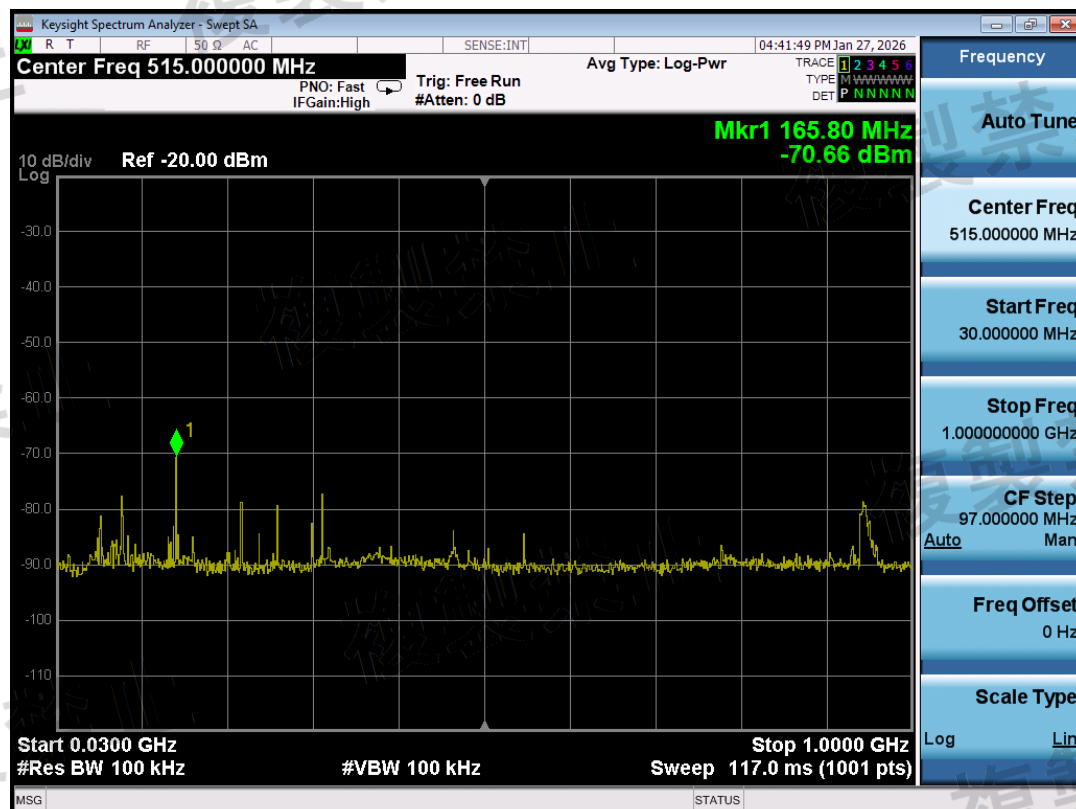
Chain A_Mode 8 : Receiver (802.11a) ; 5240MHz : 1000 ~ 26000MHz



Chain A Mode 8 : Receiver (802.11a) ; 5240MHz : 1000 ~ 26000MHz Sample



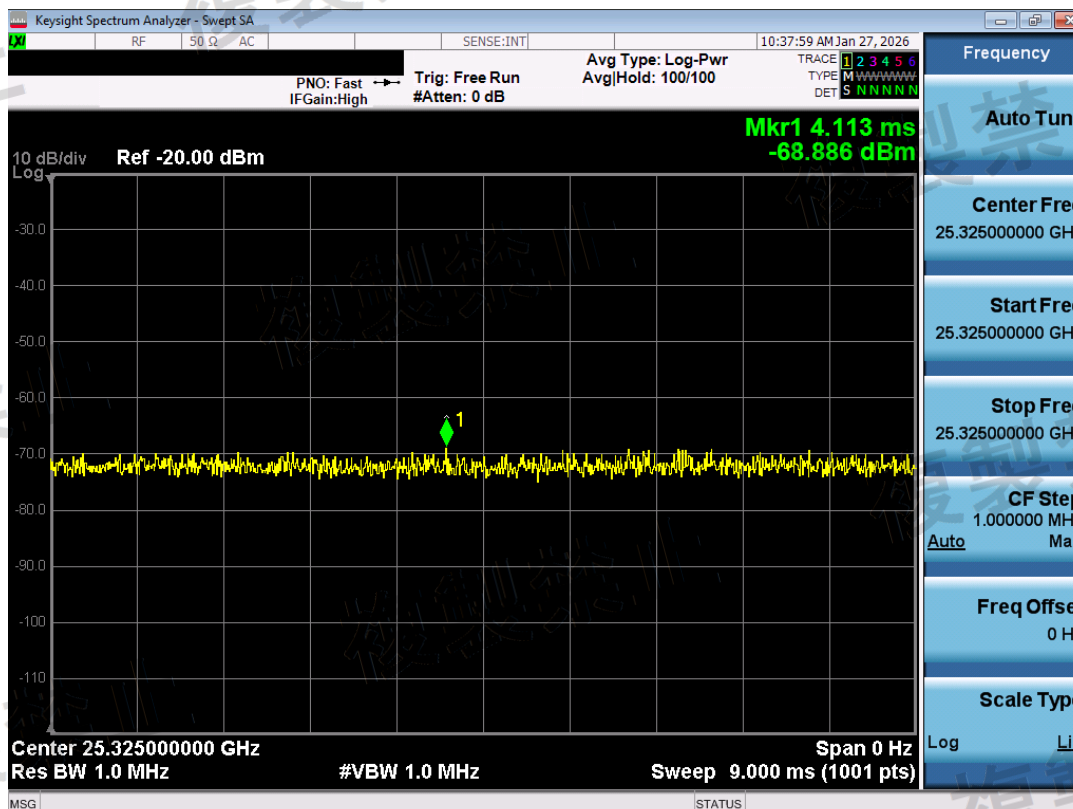
Chain A Mode 8 : Receiver (802.11a) ; 5260MHz : 30 ~ 1000MHz



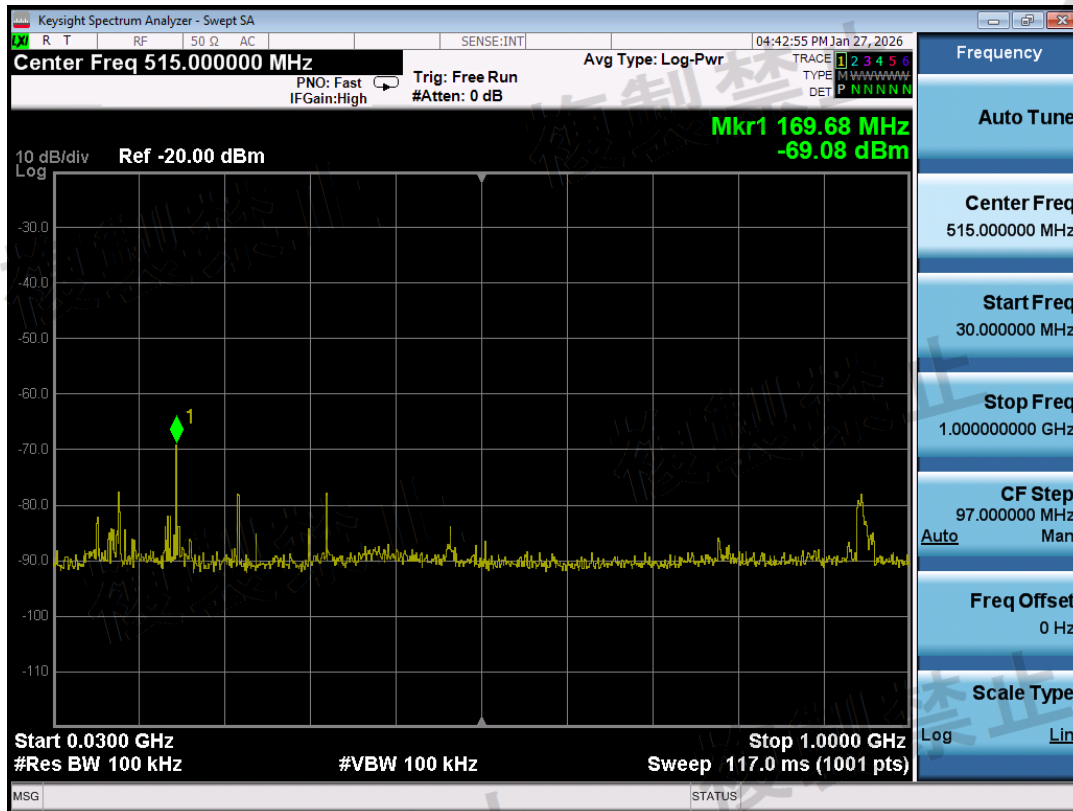
Chain A_Mode 8 : Receiver (802.11a) ; 5260MHz : 1000 ~ 26000MHz



Chain A_Mode 8 : Receiver (802.11a) ; 5260MHz : 1000 ~ 26000MHz _Sample



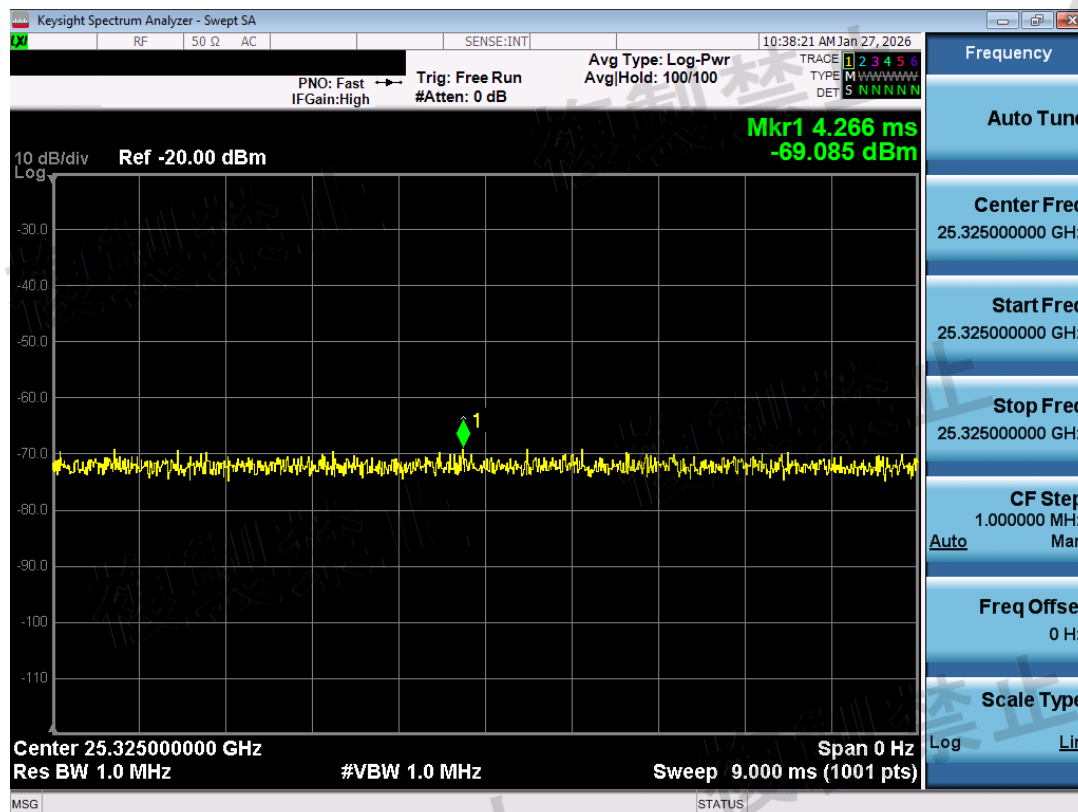
Chain A_Mode 8 : Receiver (802.11a) ; 5300MHz : 30 ~ 1000MHz



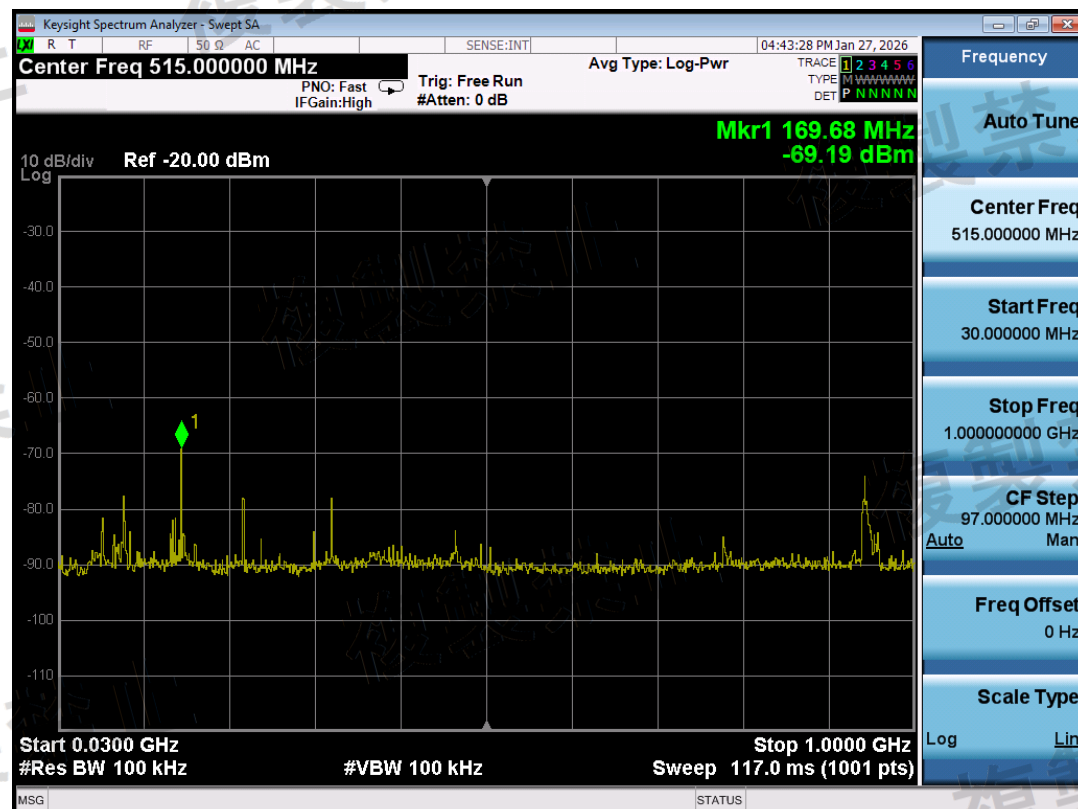
Chain A_Mode 8 : Receiver (802.11a) ; 5300MHz : 1000 ~ 26000MHz



Chain A Mode 8 : Receiver (802.11a) ; 5300MHz : 1000 ~ 26000MHz Sample



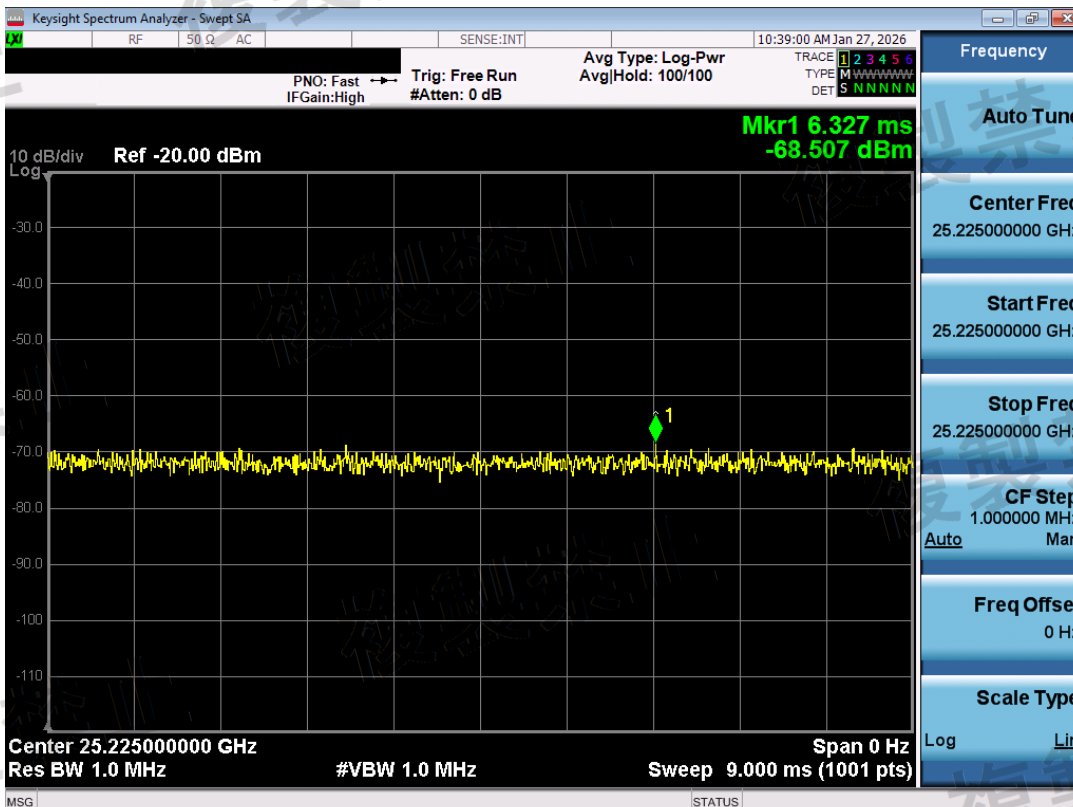
Chain A Mode 8 : Receiver (802.11a) ; 5320MHz : 30 ~ 1000MHz



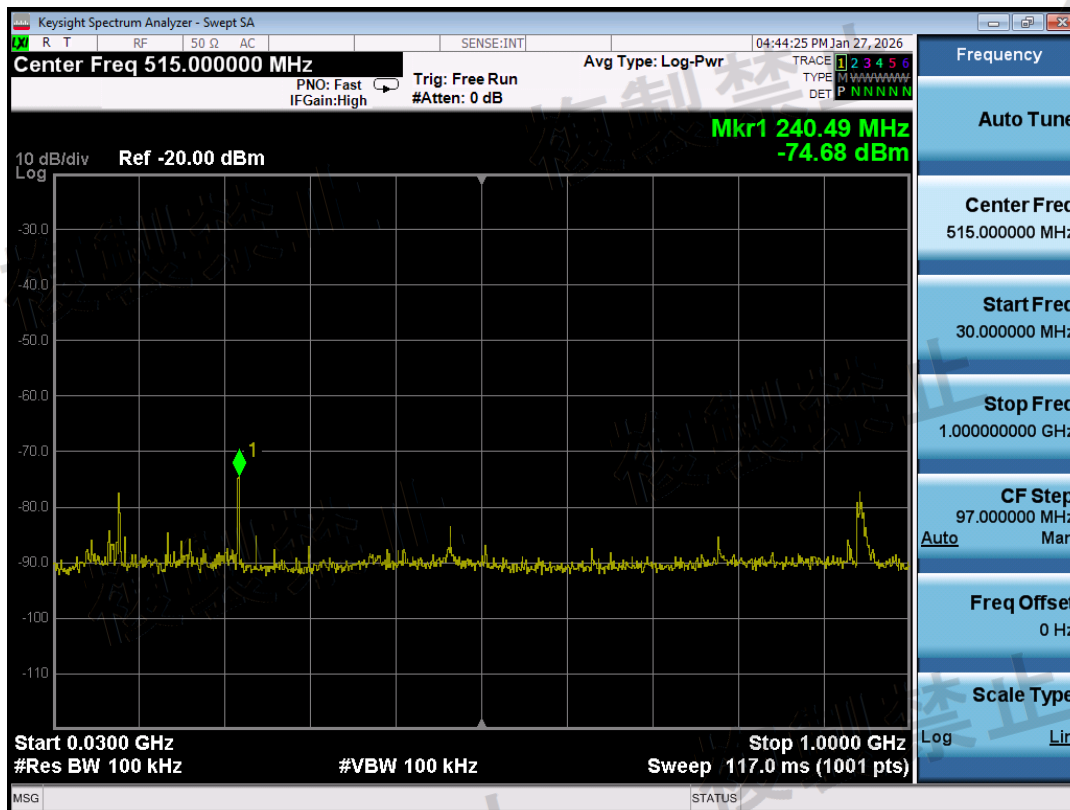
Chain A_Mode 8 : Receiver (802.11a) ; 5320MHz : 1000 ~ 26000MHz



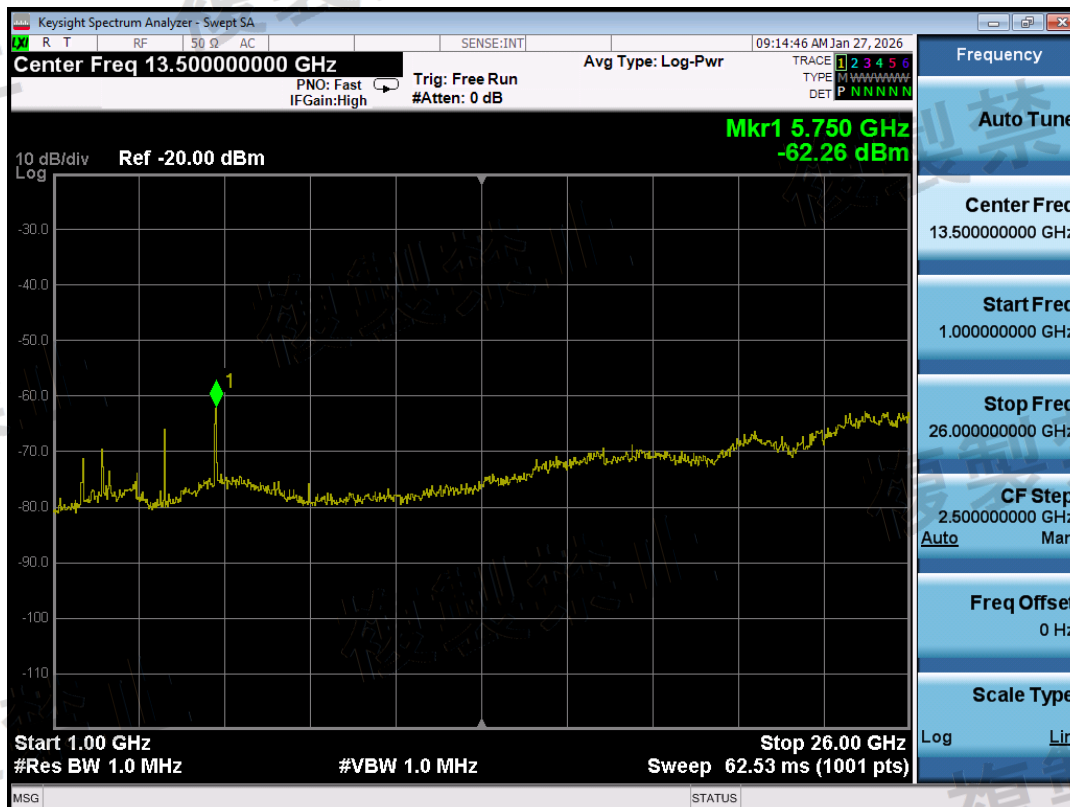
Chain A_Mode 8 : Receiver (802.11a) ; 5320MHz : 1000 ~ 26000MHz _Sample



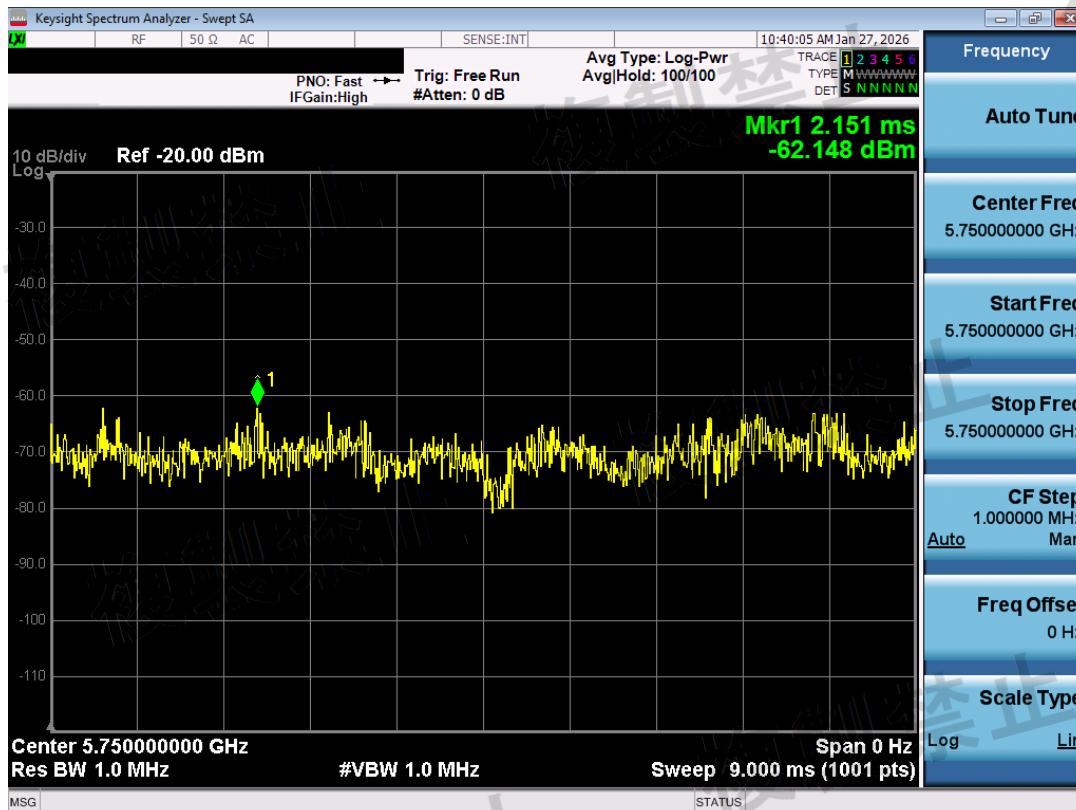
Chain A_Mode 8 : Receiver (802.11a) ; 5500MHz : 30 ~ 1000MHz



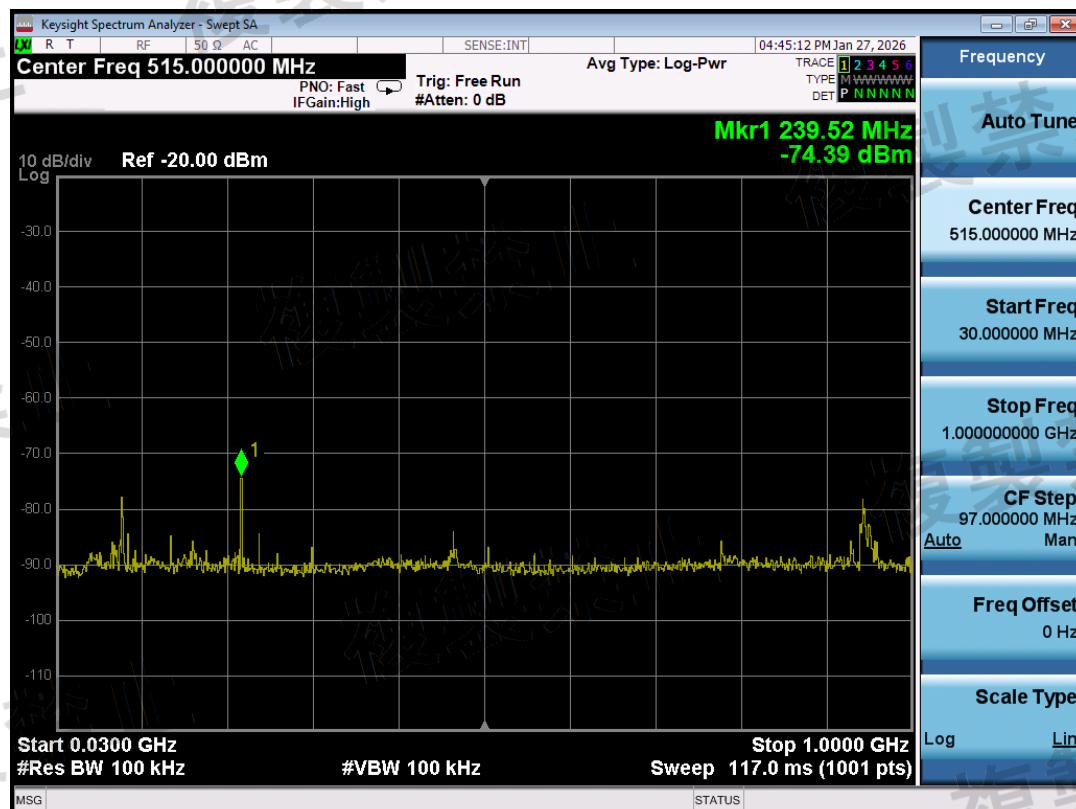
Chain A_Mode 8 : Receiver (802.11a) ; 5500MHz : 1000 ~ 26000MHz



Chain A_Mode 8 : Receiver (802.11a) ; 5500MHz : 1000 ~ 26000MHz _Sample



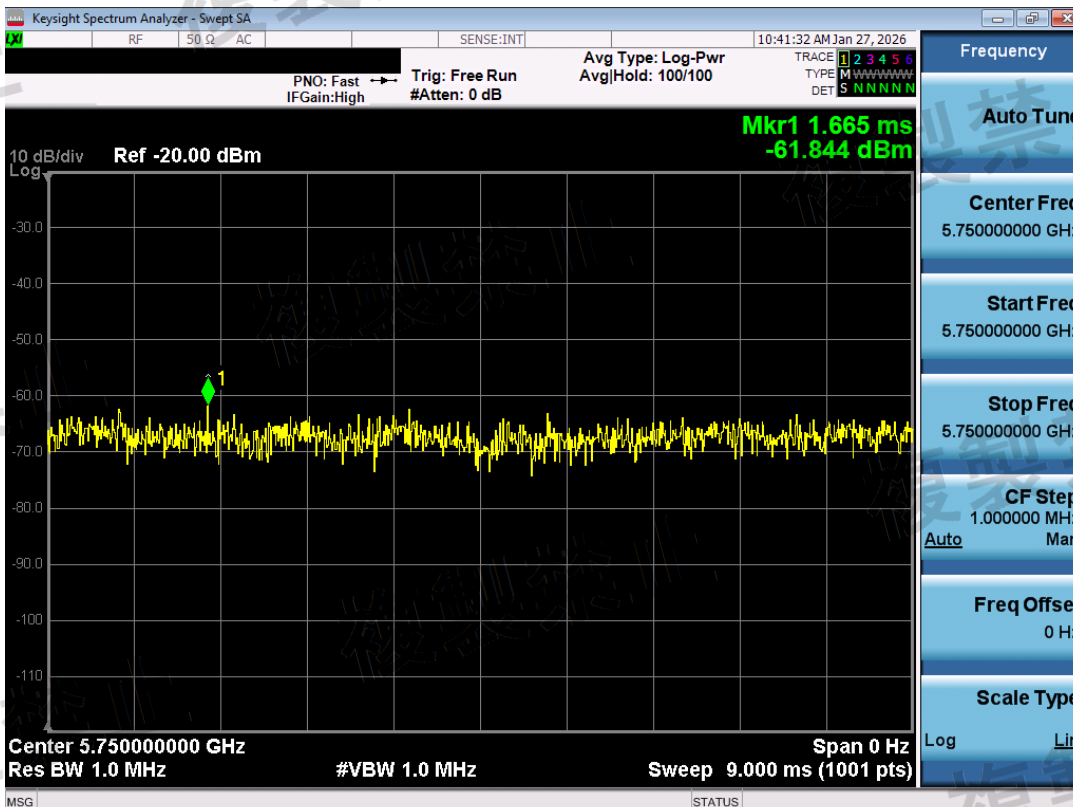
Chain A_Mode 8 : Receiver (802.11a) ; 5580MHz : 30 ~ 1000MHz



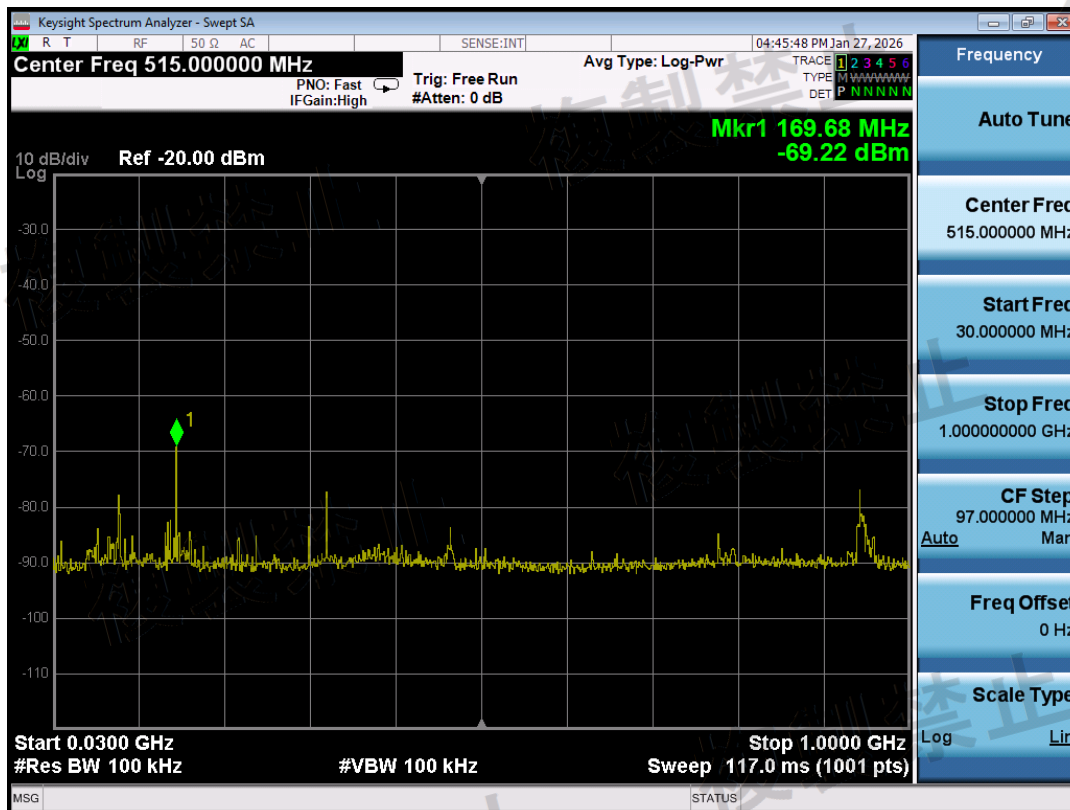
Chain A_Mode 8 : Receiver (802.11a) ; 5580MHz : 1000 ~ 26000MHz



Chain A_Mode 8 : Receiver (802.11a) ; 5580MHz : 1000 ~ 26000MHz _Sample



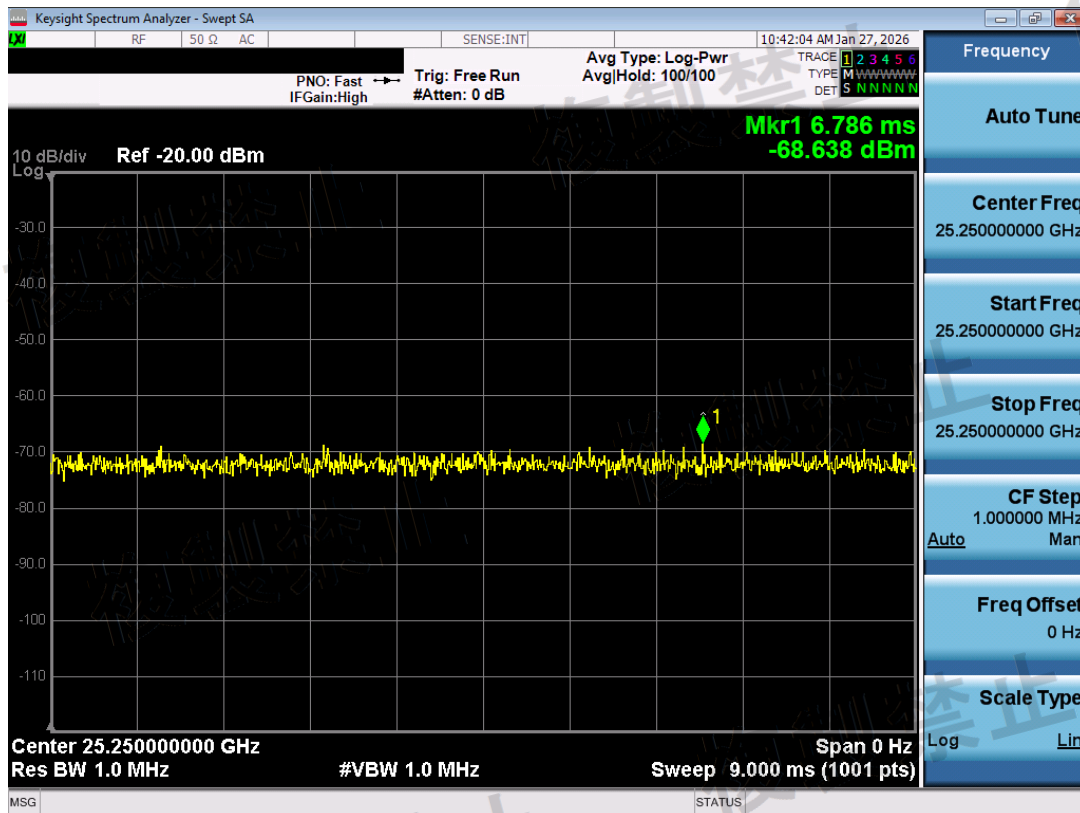
Chain A_Mode 8 : Receiver (802.11a) ; 5700MHz : 30 ~ 1000MHz



Chain A_Mode 8 : Receiver (802.11a) ; 5700MHz : 1000 ~ 26000MHz



Chain A_Mode 8 : Receiver (802.11a) ; 5700MHz : 1000 ~ 26000MHz _Sample



Product : IP CAMERA
Test Item : Receiver Spurious Emissions
Test Mode : Mode 9 : Receiver (802.11ac VHT20)
Test Voltage : DC 12V

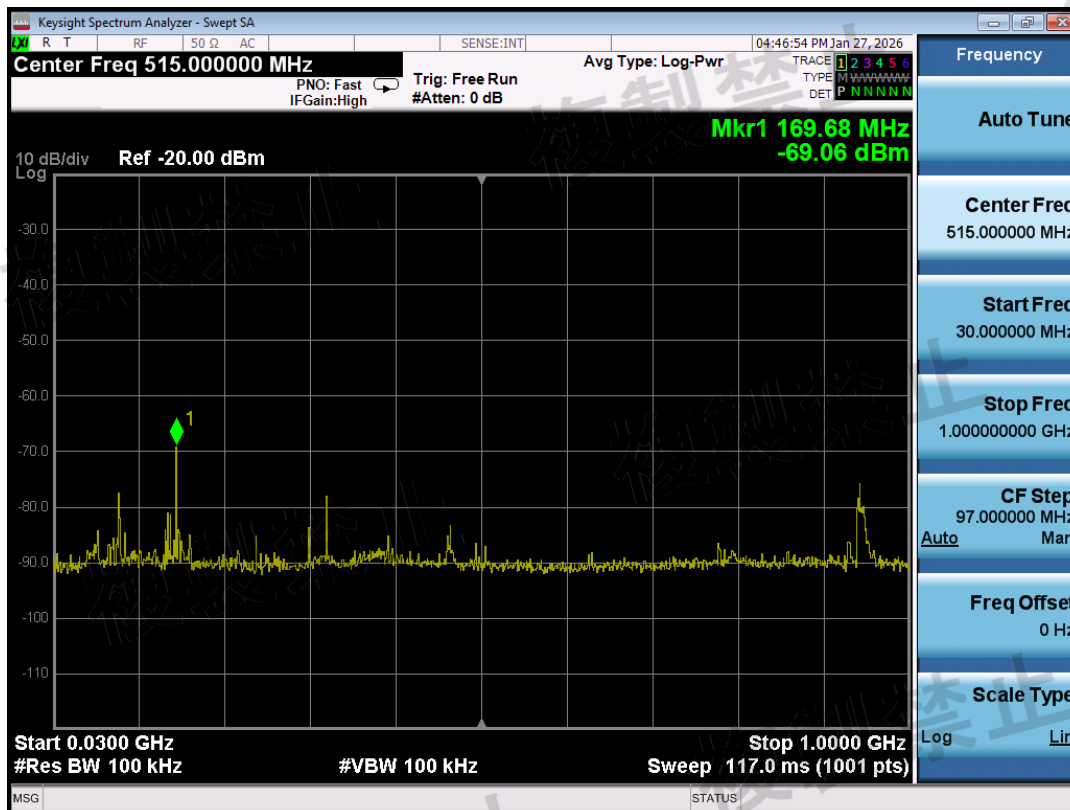
Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Limit (nW)	Result
		dBm	nW	dBm	nW		
5180	30 ~ 1000	-67.91	0.1618	--	--	≤ 4	Pass
	1000 ~ 12500	-53.68	4.2855	--	--	≤ 20	Pass
5220	30 ~ 1000	-68.04	0.1570	--	--	≤ 4	Pass
	1000 ~ 12500	-53.71	4.2560	--	--	≤ 20	Pass
5240	30 ~ 1000	-67.93	0.1611	--	--	≤ 4	Pass
	1000 ~ 12500	-53.87	4.1020	--	--	≤ 20	Pass
5260	30 ~ 1000	-68.01	0.1581	--	--	≤ 4	Pass
	1000 ~ 12500	-53.45	4.5186	--	--	≤ 20	Pass
5300	30 ~ 1000	-68.00	0.1585	--	--	≤ 4	Pass
	1000 ~ 12500	-53.54	4.4259	--	--	≤ 20	Pass
5320	30 ~ 1000	-67.59	0.1742	--	--	≤ 4	Pass
	1000 ~ 12500	-53.73	4.2364	--	--	≤ 20	Pass
5500	30 ~ 1000	-67.67	0.1710	--	--	≤ 4	Pass
	1000 ~ 12500	-54.25	3.7584	--	--	≤ 20	Pass
5580	30 ~ 1000	-67.80	0.1660	--	--	≤ 4	Pass
	1000 ~ 12500	-53.07	4.9317	--	--	≤ 20	Pass
5700	30 ~ 1000	-67.74	0.1683	--	--	≤ 4	Pass
	1000 ~ 12500	-53.06	4.9431	--	--	≤ 20	Pass

Note:

(1) Measured Value = Spectrum Reading Value + Cable Loss

(2) The spectrum plots are attached on the following pages.

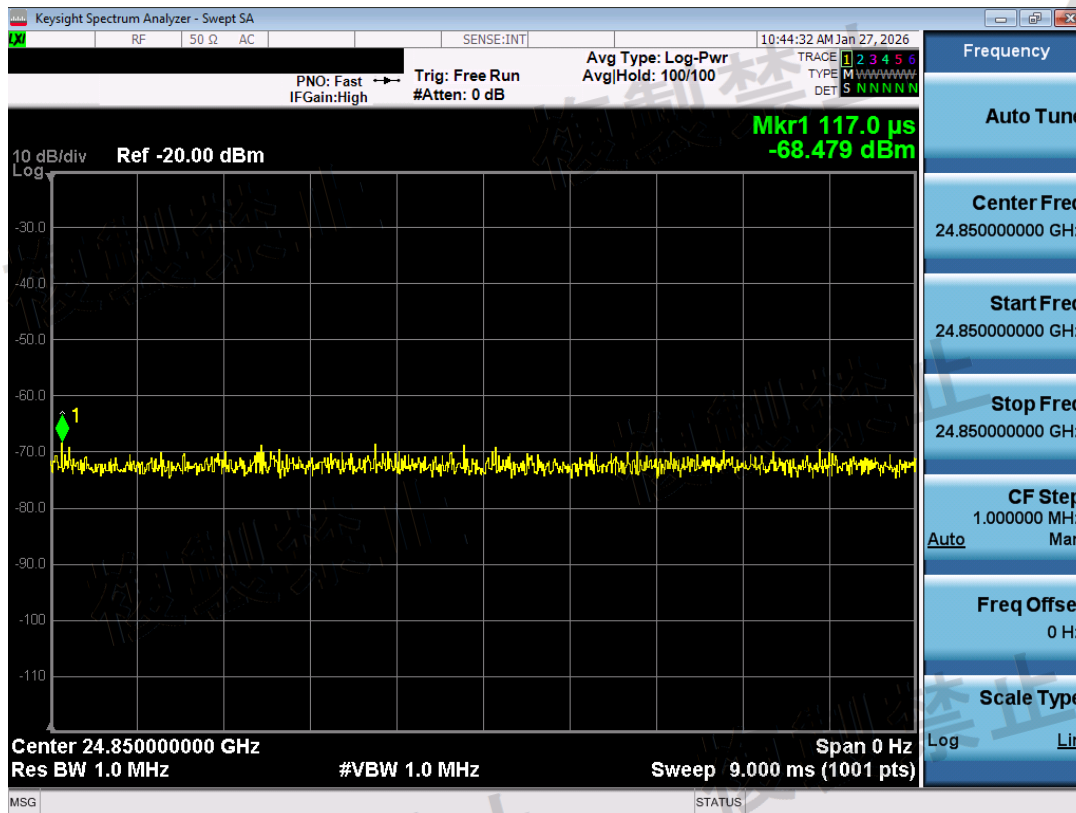
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5180MHz : 30 ~ 1000MHz



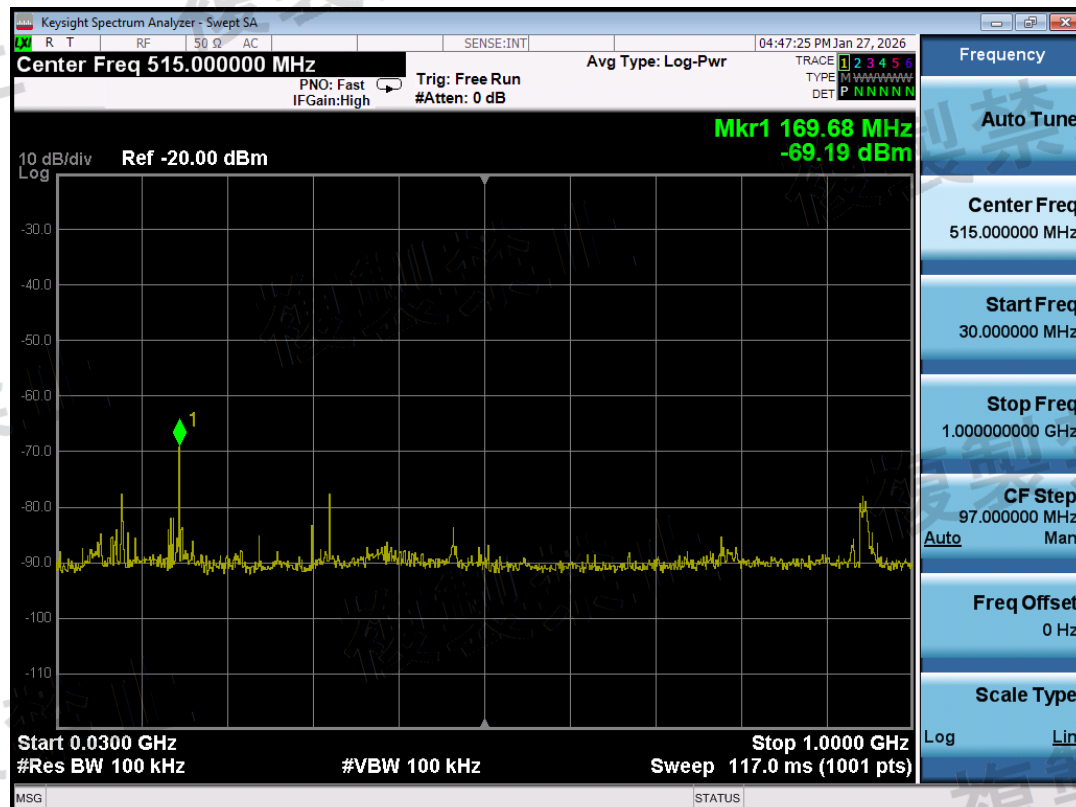
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5180MHz : 1000 ~ 26000MHz



Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5180MHz : 1000 ~ 26000MHz _Sample



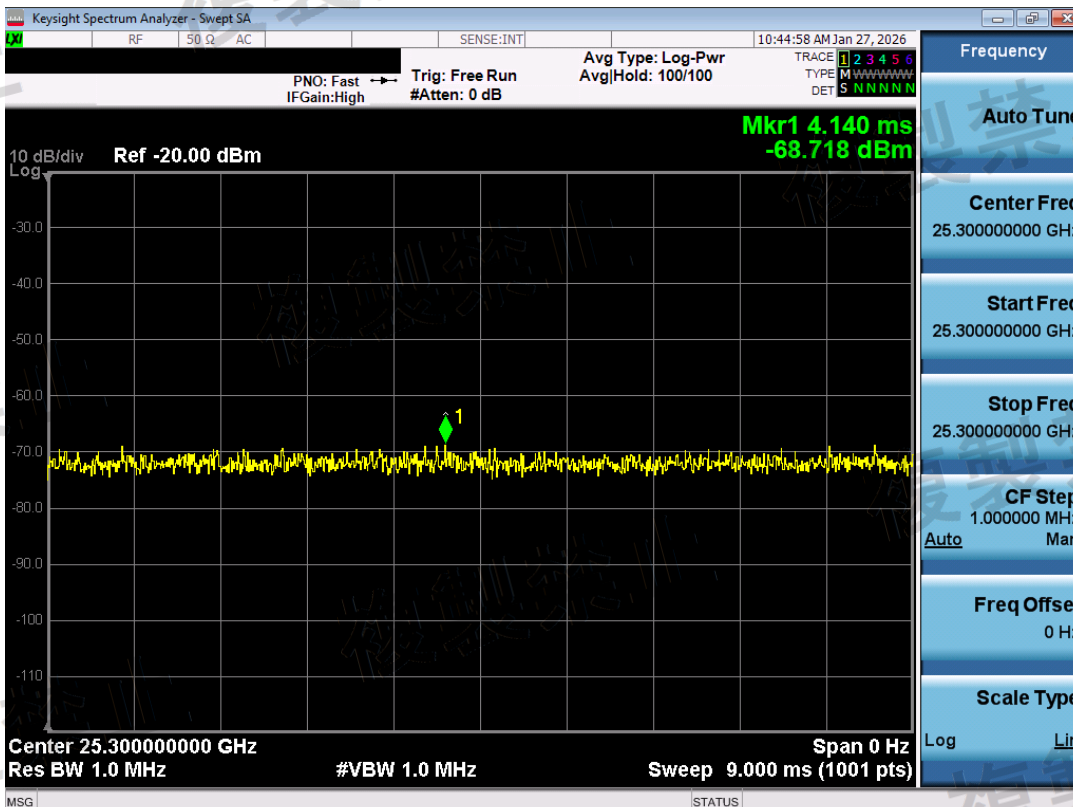
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5220MHz : 30 ~ 1000MHz



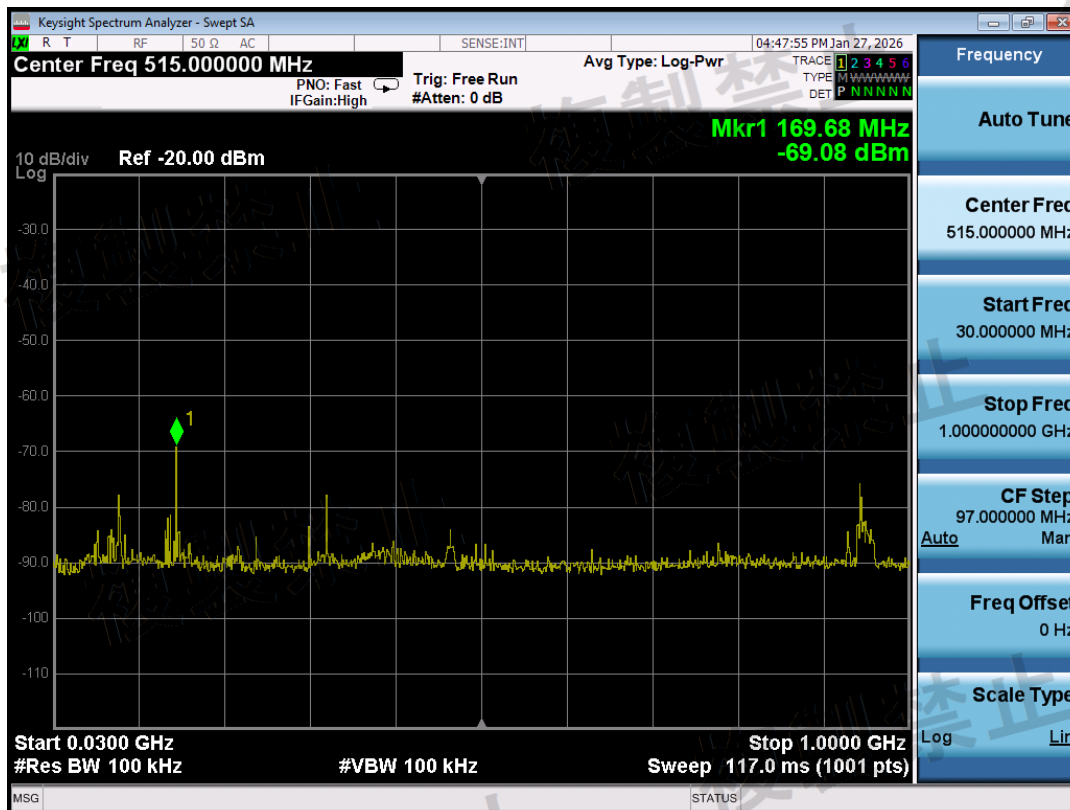
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5220MHz : 1000 ~ 26000MHz



Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5220MHz : 1000 ~ 26000MHz _Sample



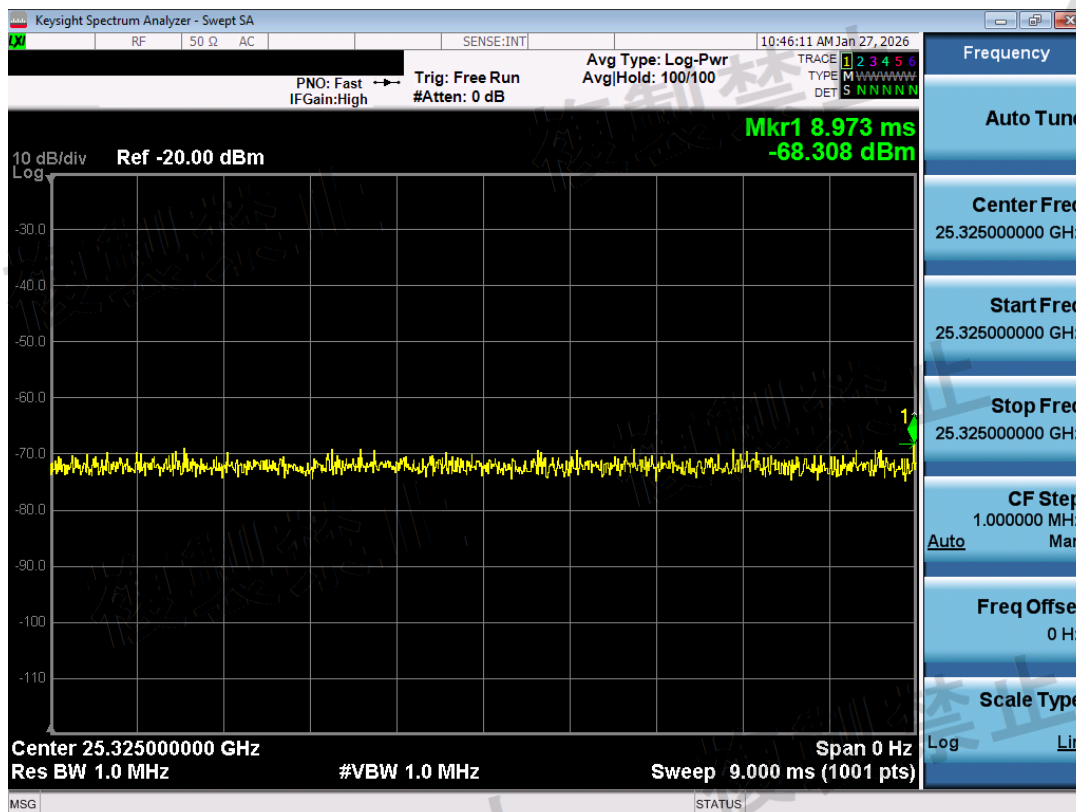
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5240MHz : 30 ~ 1000MHz



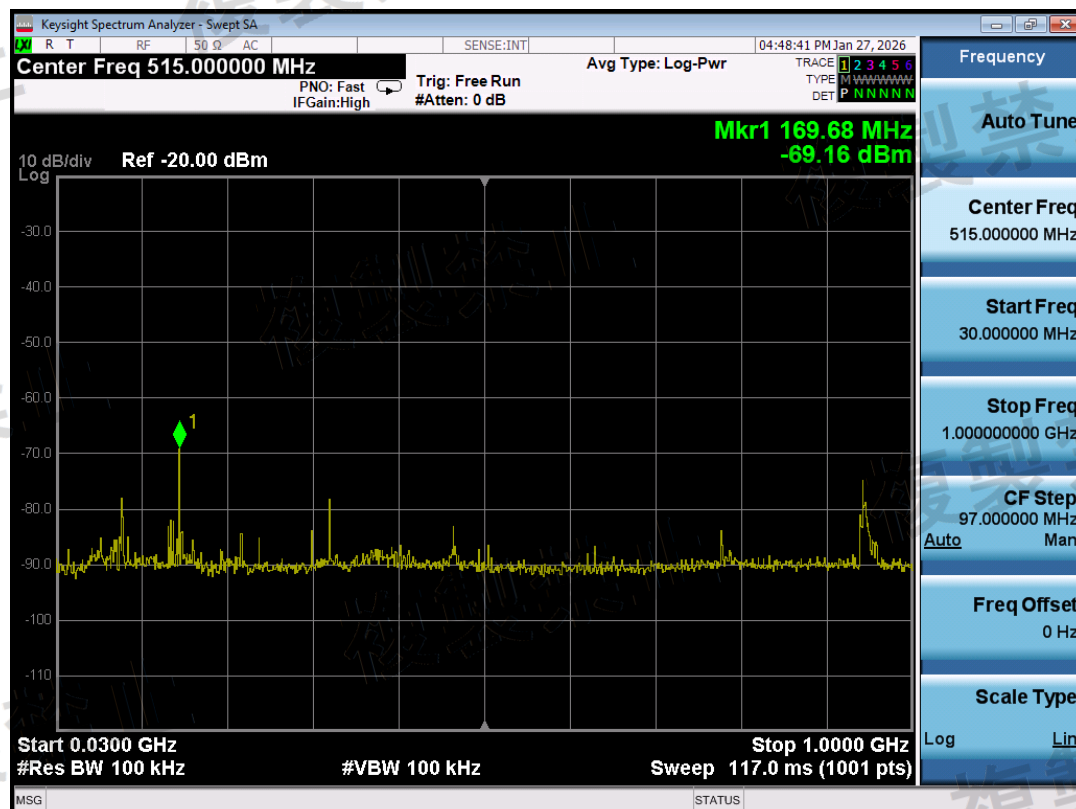
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5240MHz : 1000 ~ 26000MHz



Chain A Mode 9 : Receiver (802.11ac VHT20) ; 5240MHz : 1000 ~ 26000MHz Sample



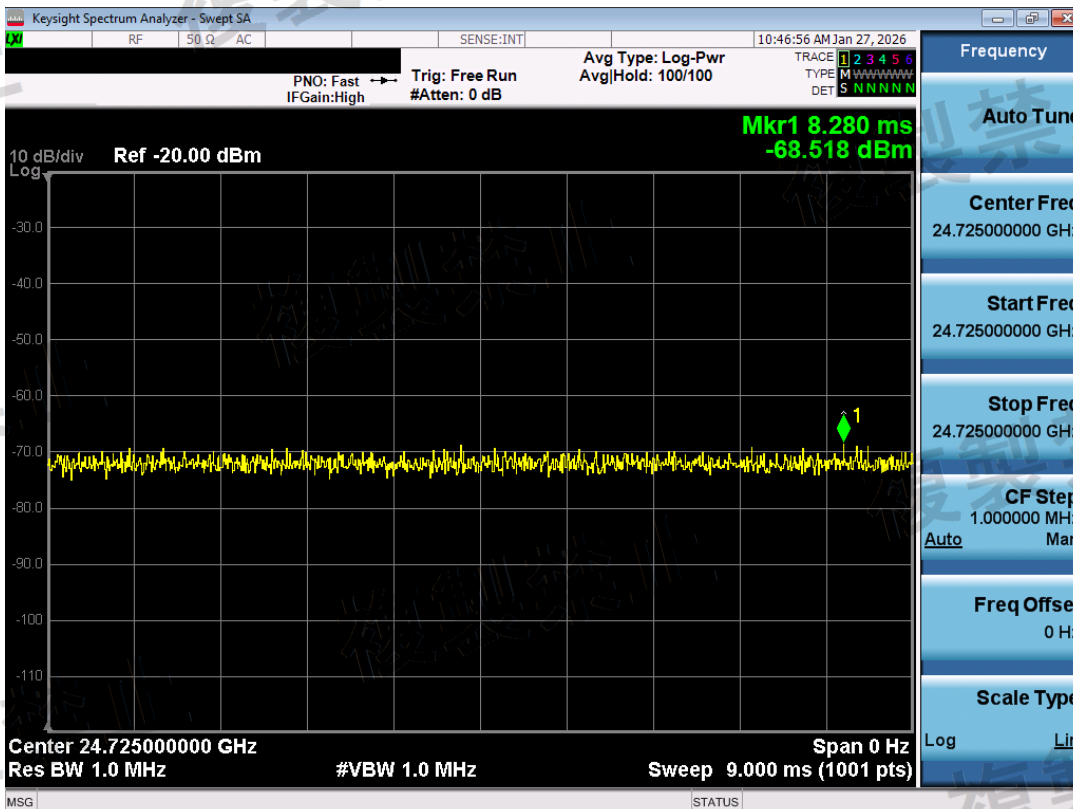
Chain A Mode 9 : Receiver (802.11ac VHT20) ; 5260MHz : 30 ~ 1000MHz



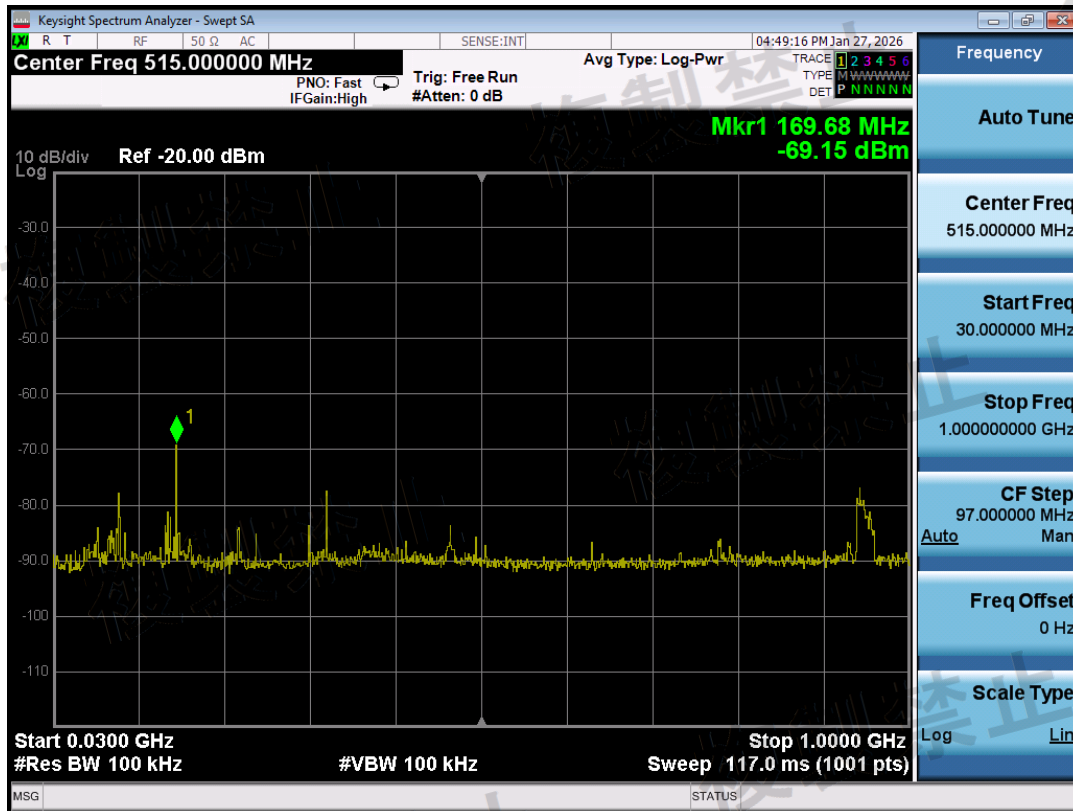
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5260MHz : 1000 ~ 26000MHz



Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5260MHz : 1000 ~ 26000MHz _Sample



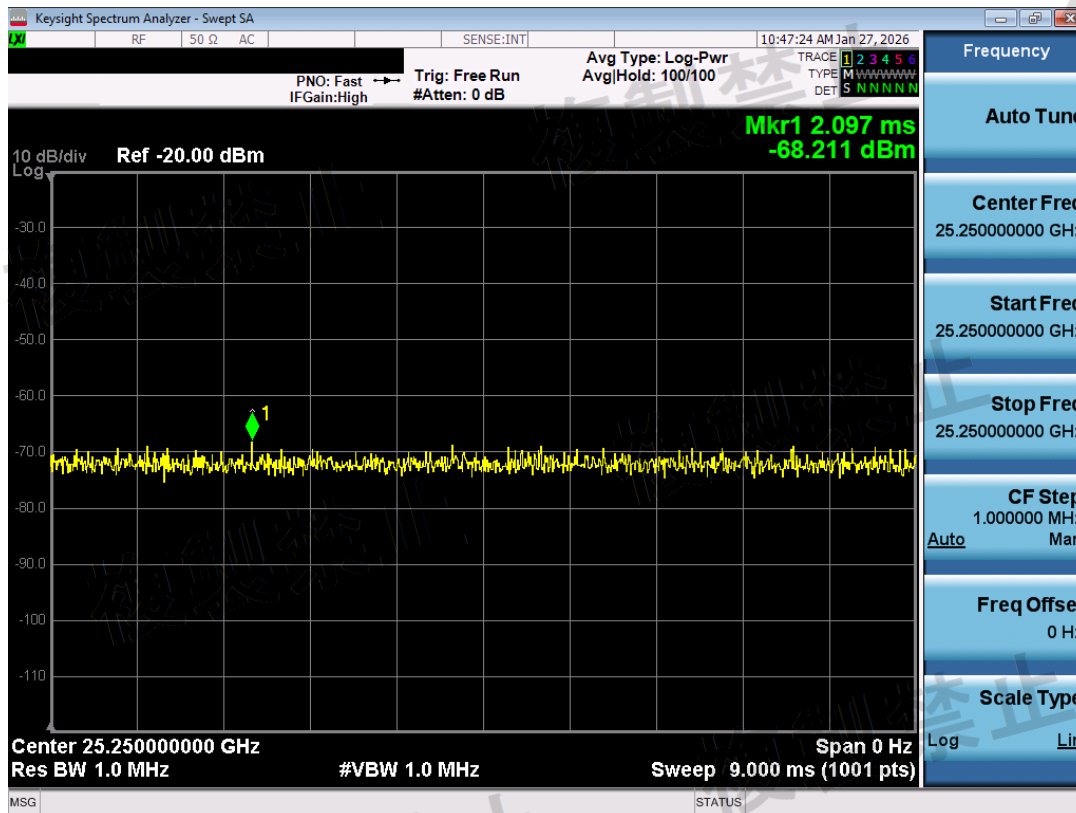
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5300MHz : 30 ~ 1000MHz



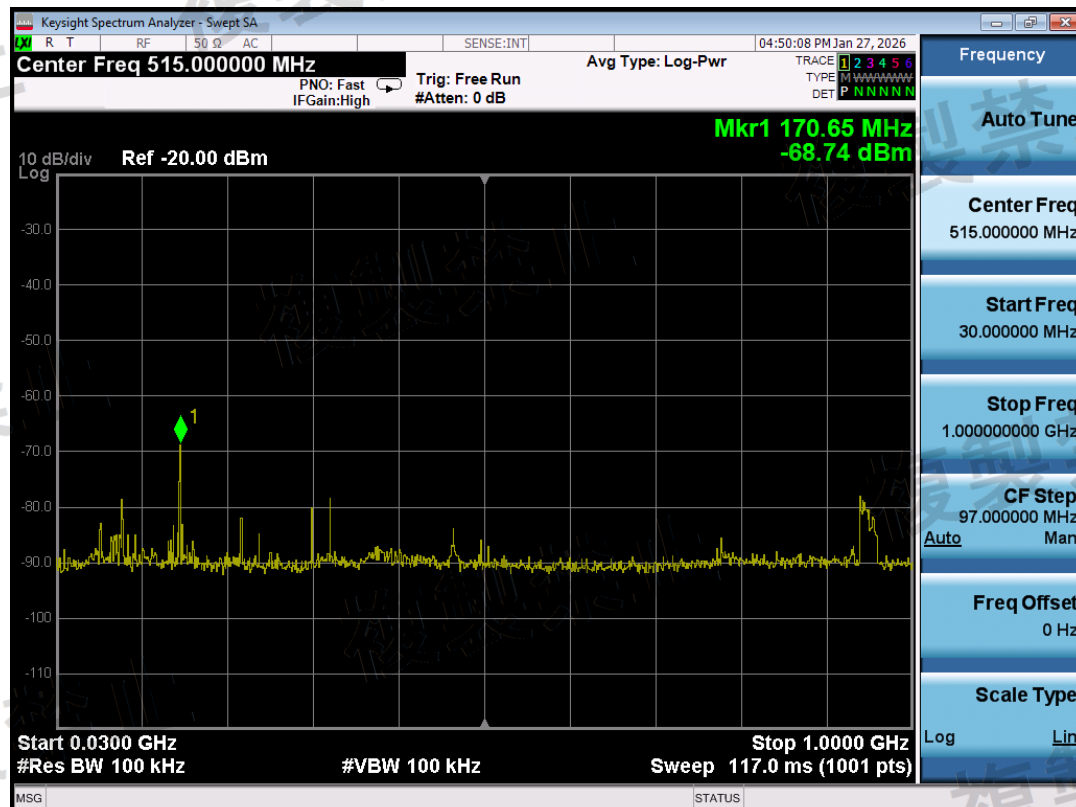
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5300MHz : 1000 ~ 26000MHz



Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5300MHz : 1000 ~ 26000MHz _Sample



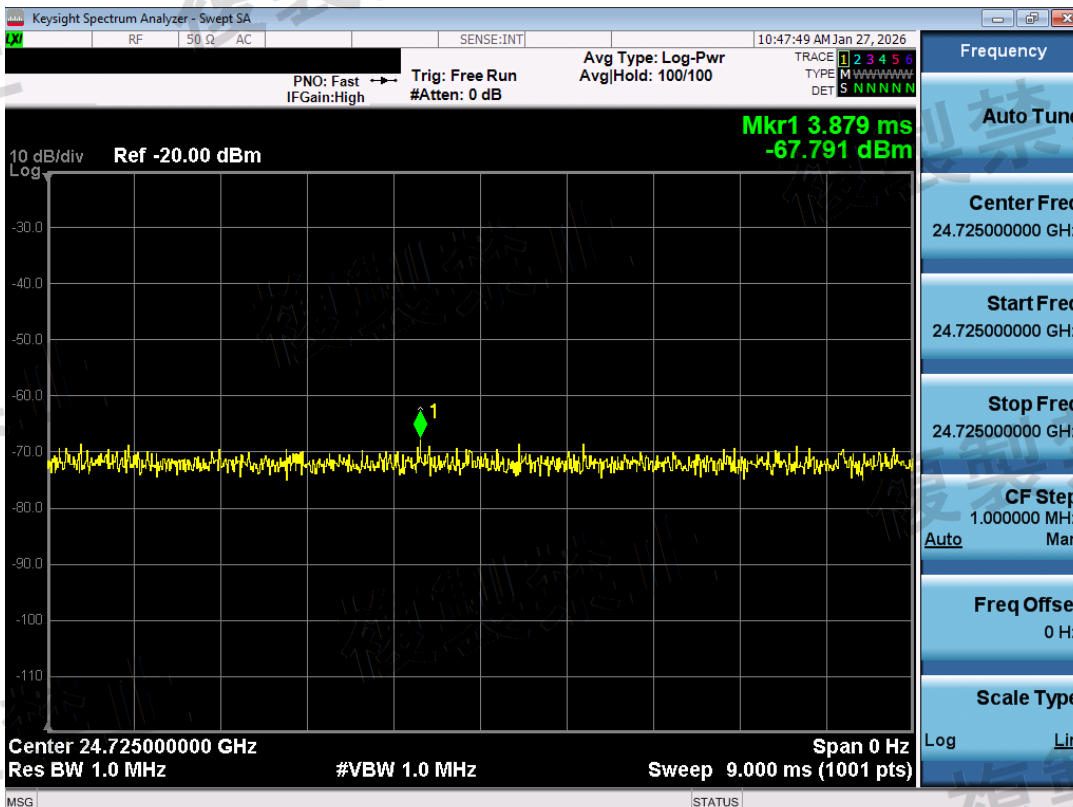
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5320MHz : 30 ~ 1000MHz



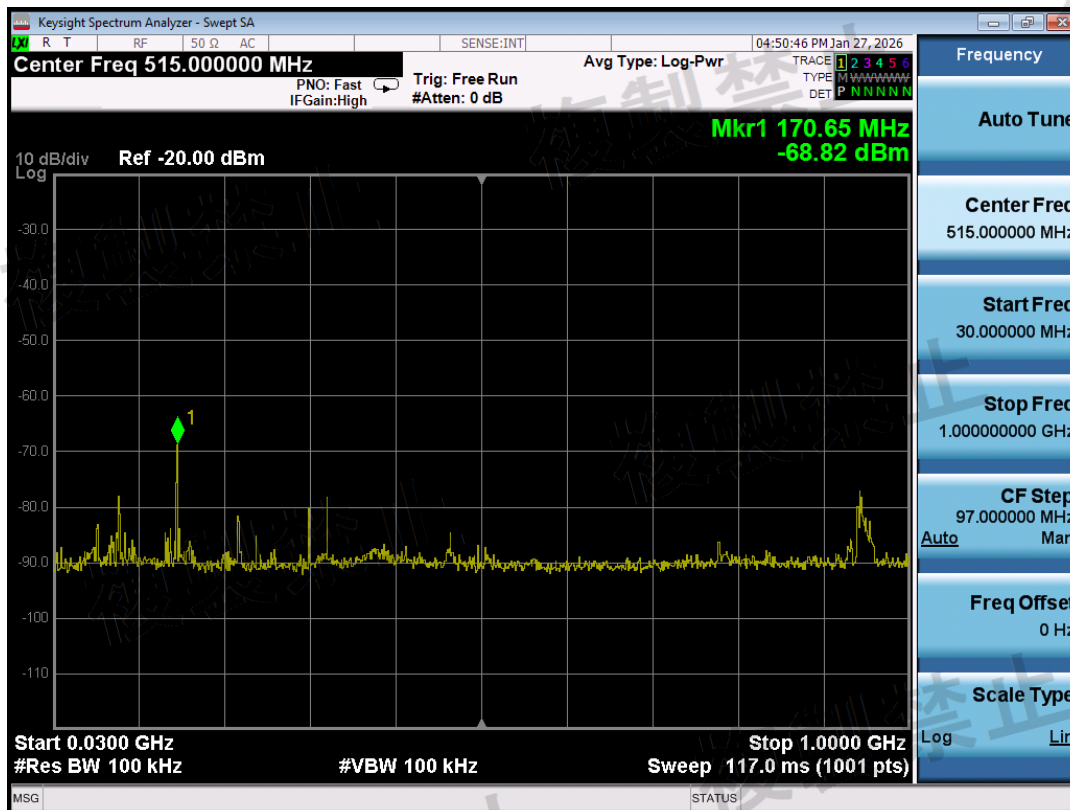
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5320MHz : 1000 ~ 26000MHz



Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5320MHz : 1000 ~ 26000MHz _Sample



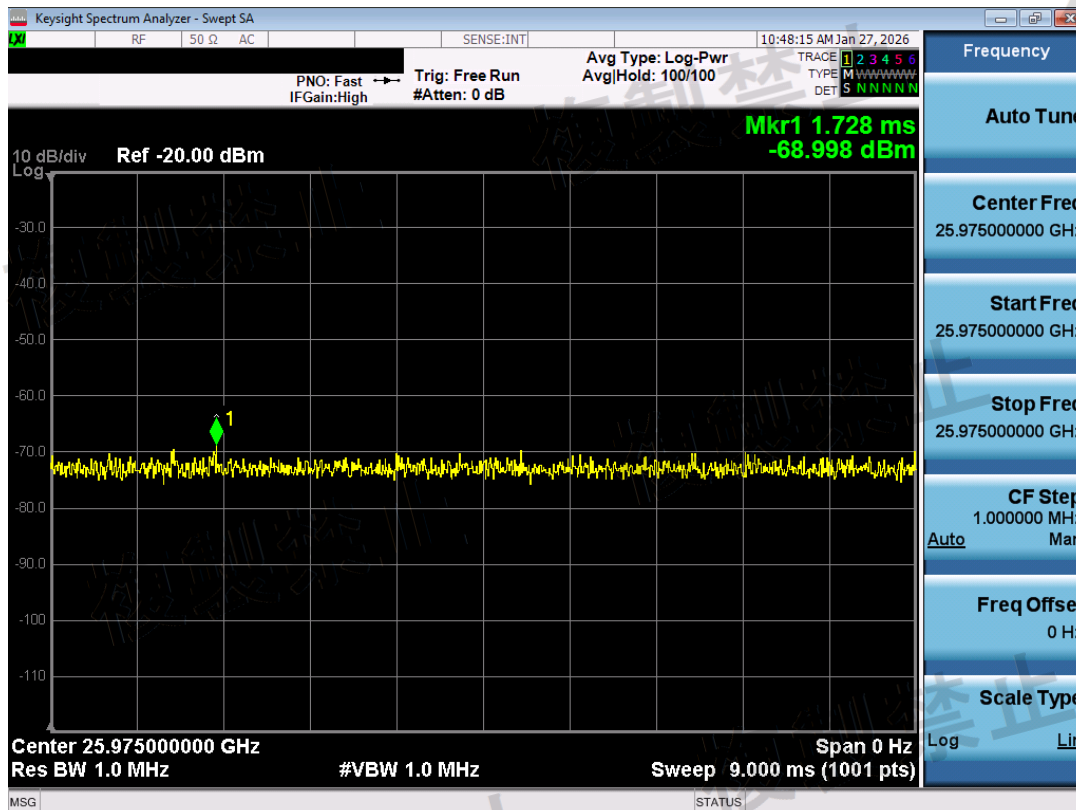
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5500MHz : 30 ~ 1000MHz



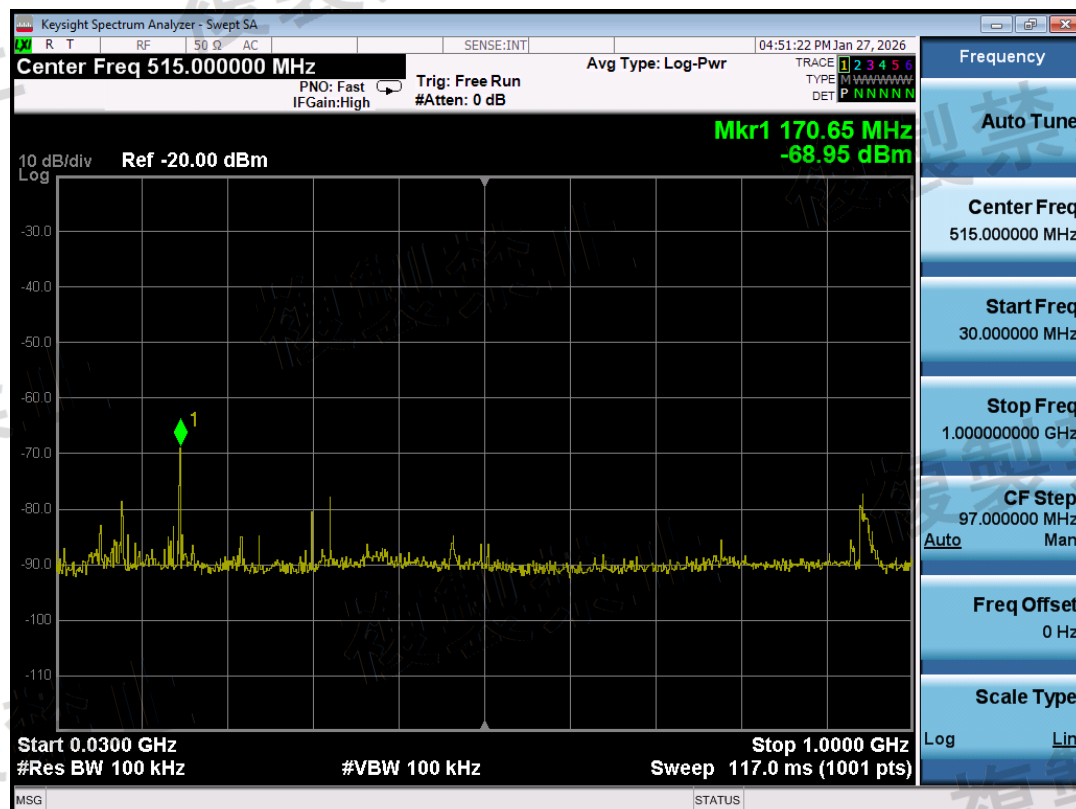
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5500MHz : 1000 ~ 26000MHz



Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5500MHz : 1000 ~ 26000MHz _Sample



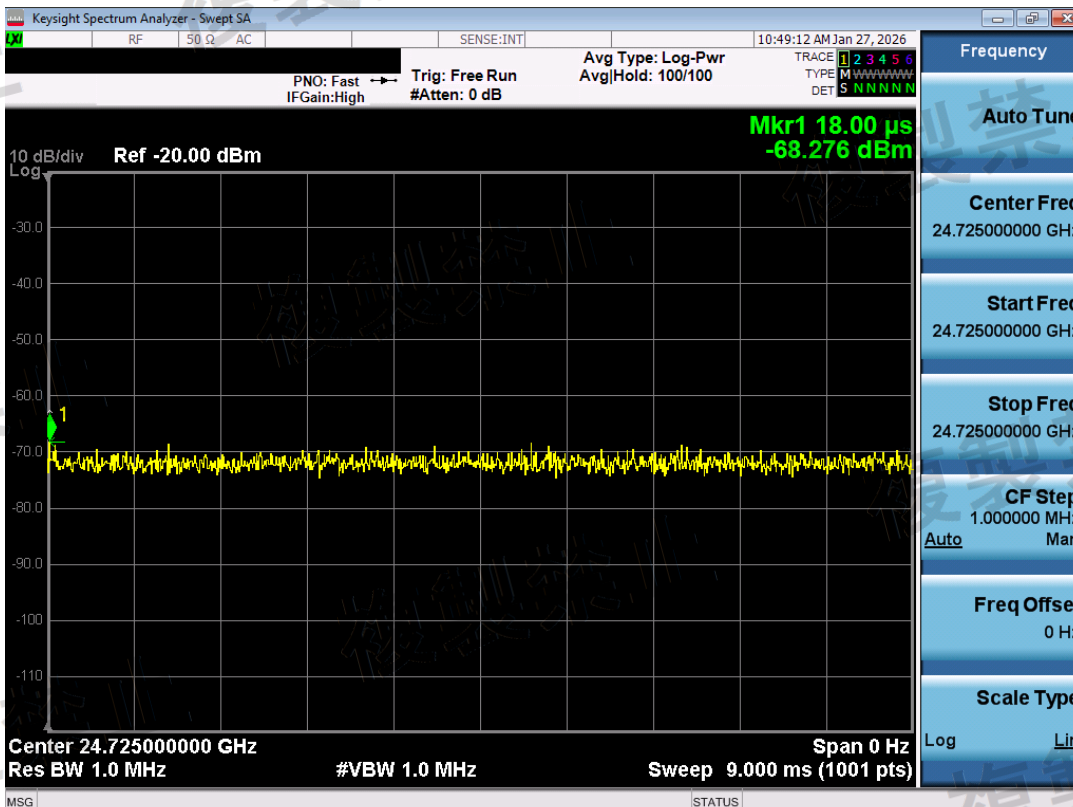
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5580MHz : 30 ~ 1000MHz



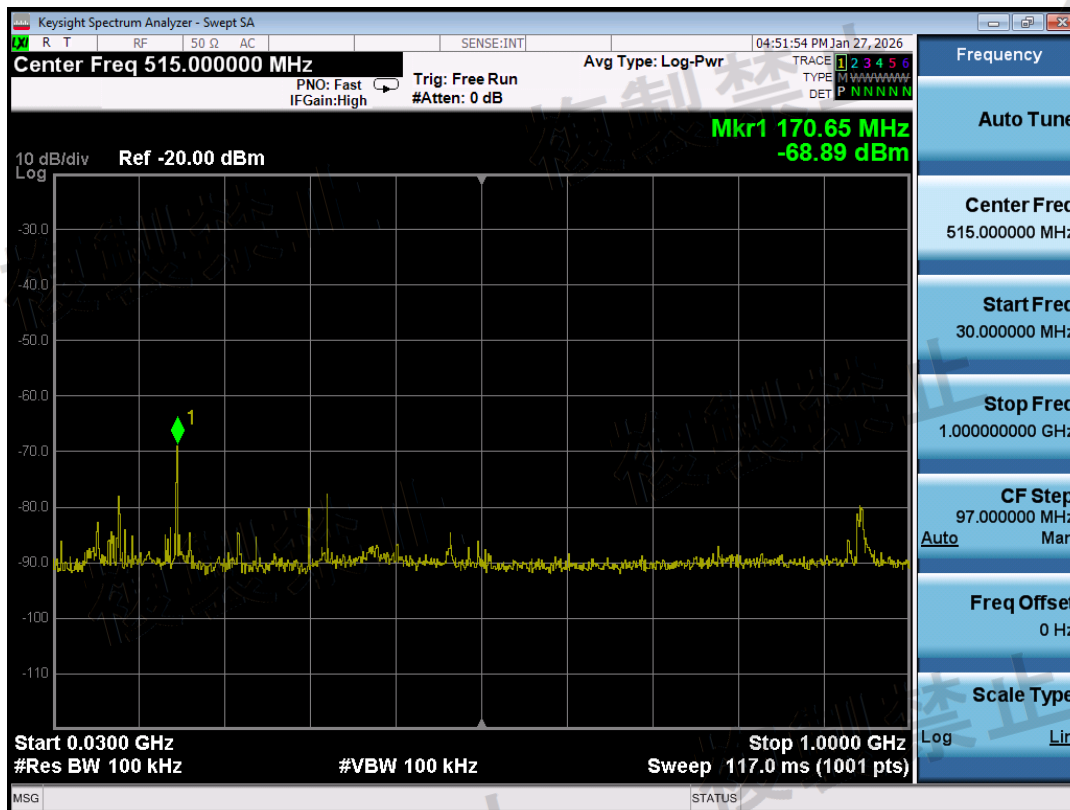
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5580MHz : 1000 ~ 26000MHz



Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5580MHz : 1000 ~ 26000MHz_Sample



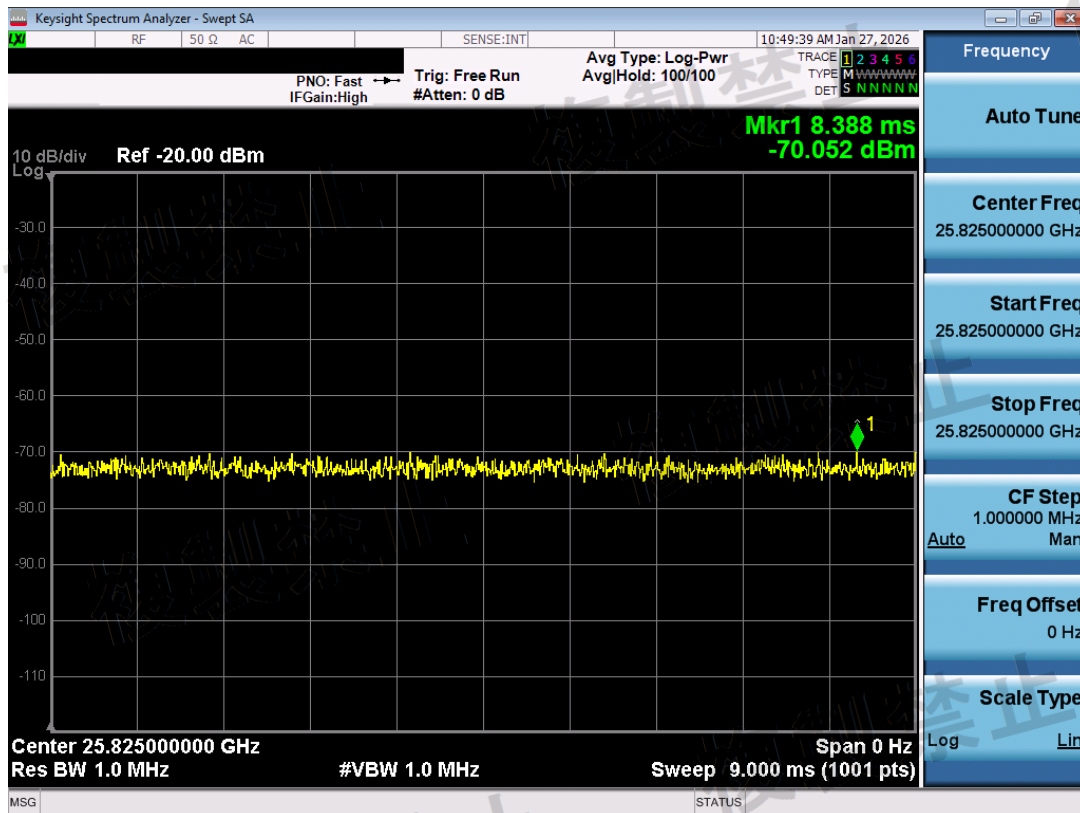
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5700MHz : 30 ~ 1000MHz



Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5700MHz : 1000 ~ 26000MHz



Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5700MHz : 1000 ~ 26000MHz _Sample



Product : IP CAMERA
Test Item : Receiver Spurious Emissions
Test Mode : Mode 10 : Receiver (802.11ac VHT40)
Test Voltage : DC 12V

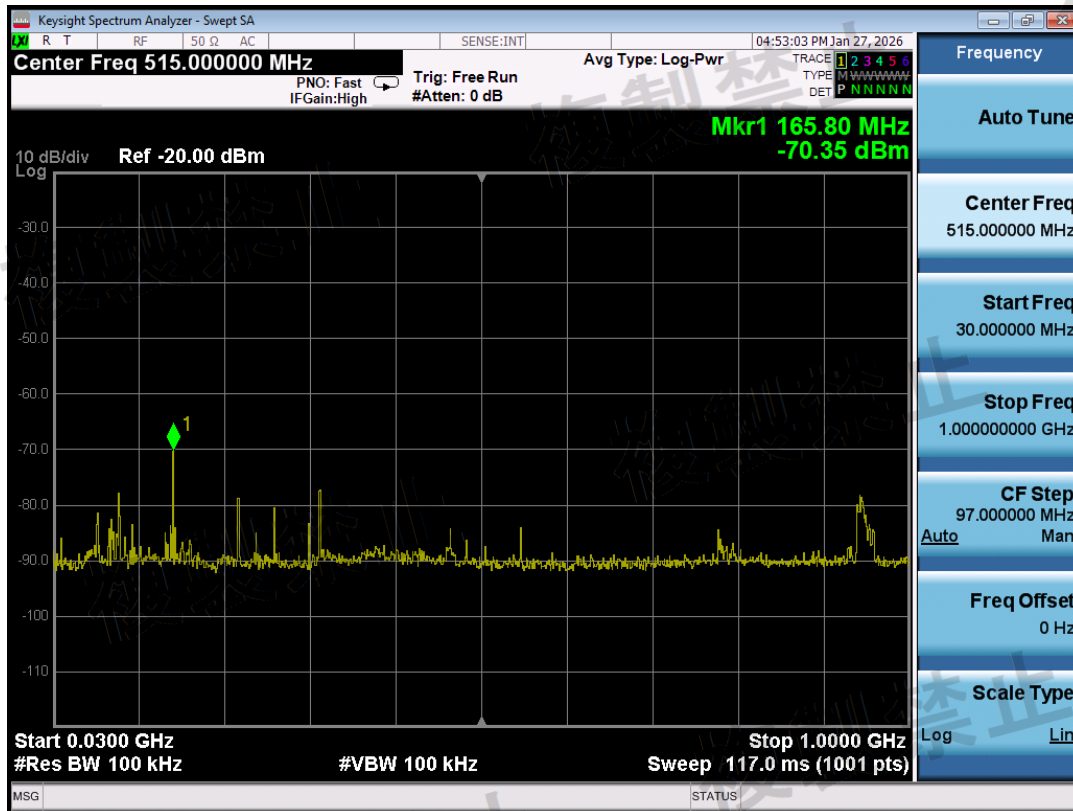
Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Limit (nW)	Result
		dBm	nW	dBm	nW		
5190	30 ~ 1000	-69.20	0.1202	--	--	≤ 4	Pass
	1000 ~ 26000	-53.60	4.3652	--	--	≤ 20	Pass
5230	30 ~ 1000	-69.26	0.1186	--	--	≤ 4	Pass
	1000 ~ 26000	-53.30	4.6774	--	--	≤ 20	Pass
5270	30 ~ 1000	-69.42	0.1143	--	--	≤ 4	Pass
	1000 ~ 26000	-53.47	4.4978	--	--	≤ 20	Pass
5310	30 ~ 1000	-69.27	0.1183	--	--	≤ 4	Pass
	1000 ~ 26000	-52.98	5.0350	--	--	≤ 20	Pass
5510	30 ~ 1000	-69.16	0.1213	--	--	≤ 4	Pass
	1000 ~ 26000	-53.68	4.2855	--	--	≤ 20	Pass
5550	30 ~ 1000	-69.42	0.1143	--	--	≤ 4	Pass
	1000 ~ 26000	-53.26	4.7206	--	--	≤ 20	Pass
5670	30 ~ 1000	-69.30	0.1175	--	--	≤ 4	Pass
	1000 ~ 26000	-53.28	4.6989	--	--	≤ 20	Pass

Note:

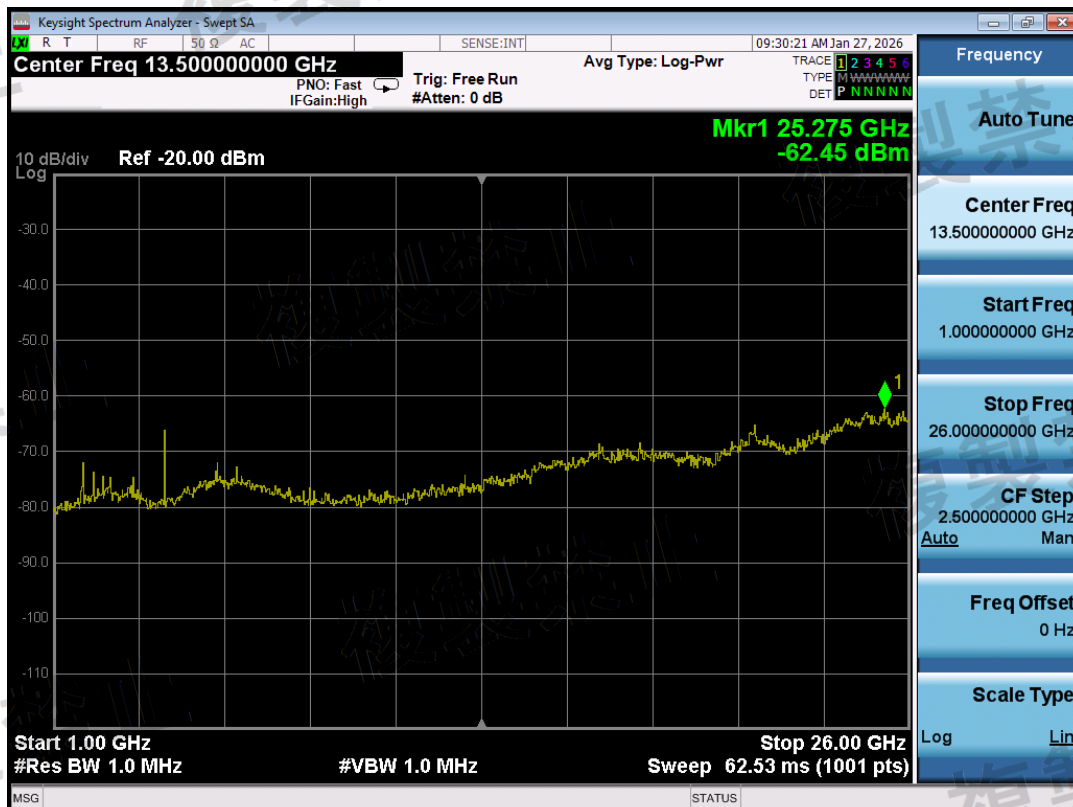
(1) Measured Value = Spectrum Reading Value + Cable Loss

(2) The spectrum plots are attached on the following pages.

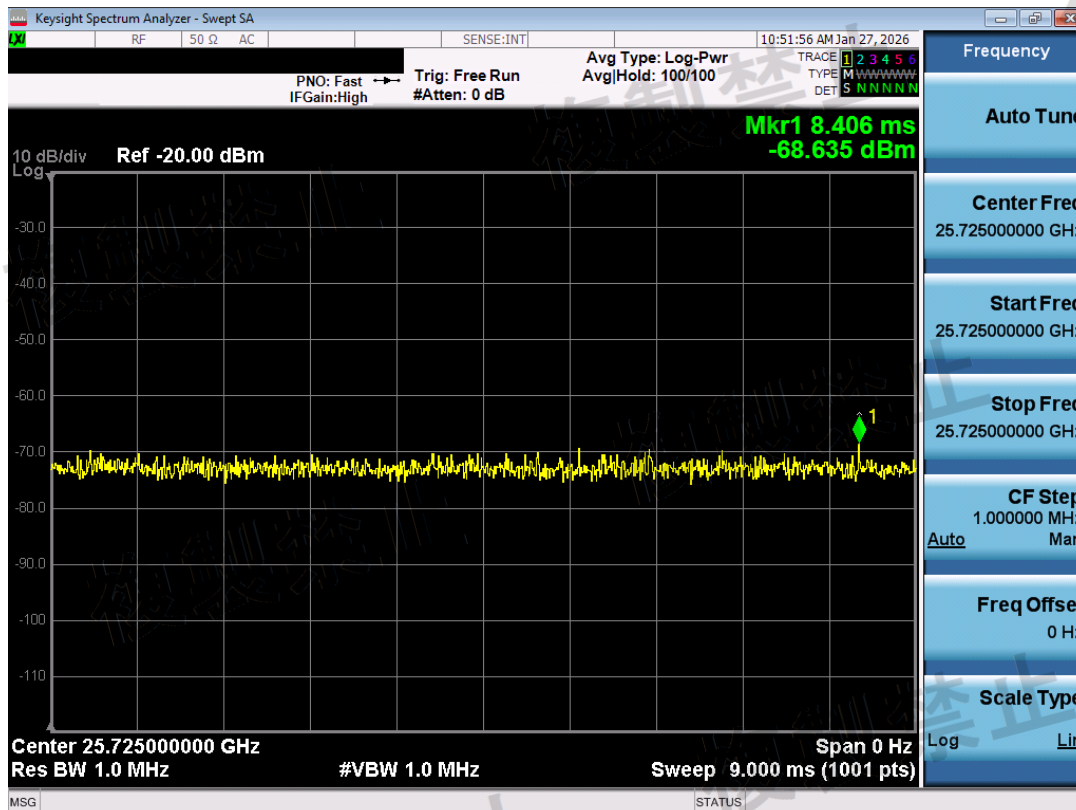
Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5190MHz : 30 ~ 1000MHz



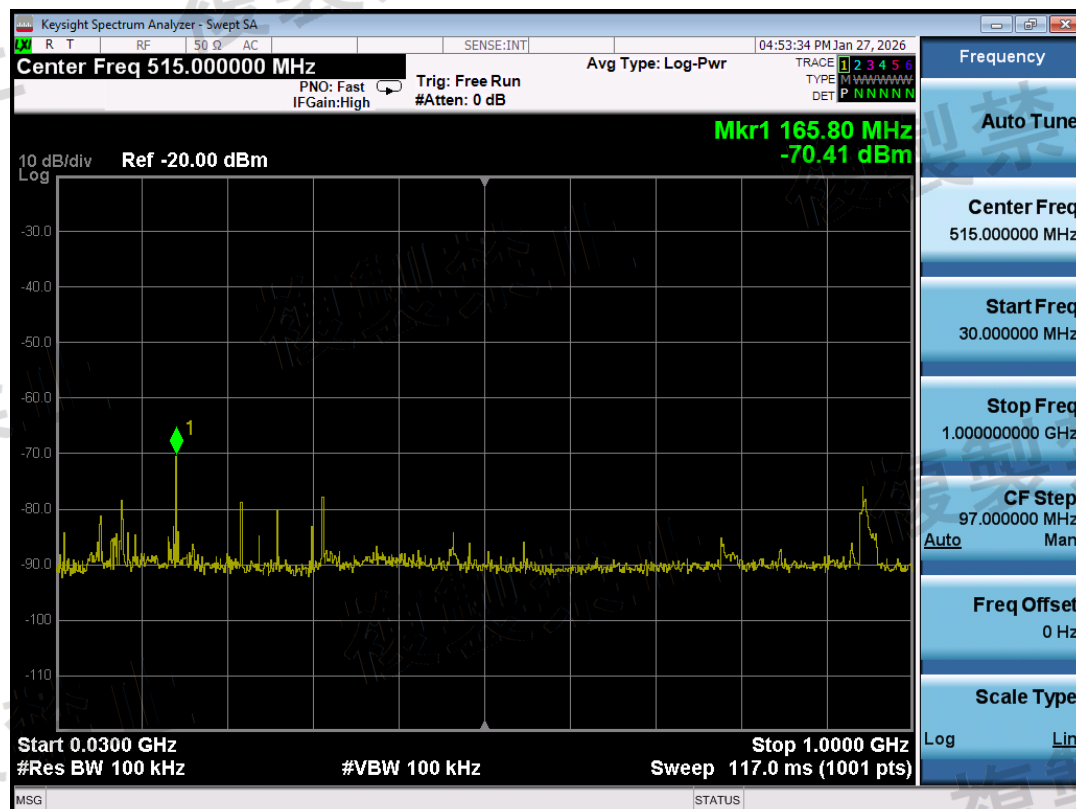
Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5190MHz : 1000 ~ 26000MHz



Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5190MHz : 1000 ~ 26000MHz _Sample



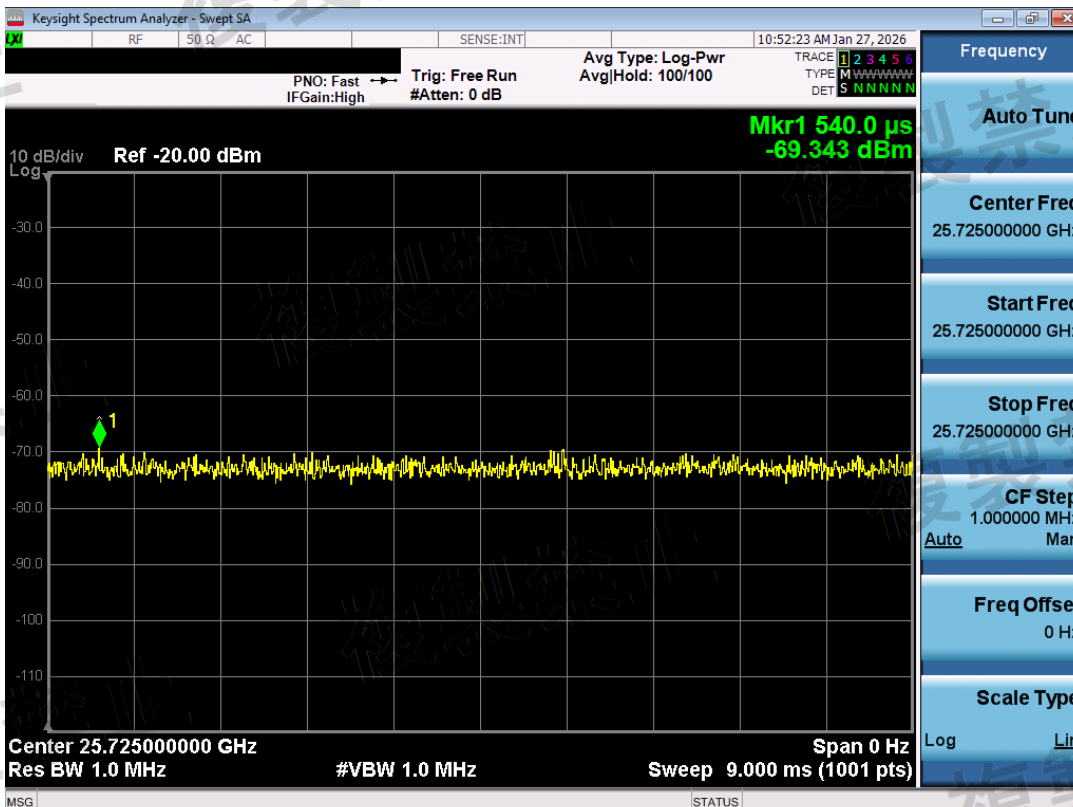
Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5230MHz : 30 ~ 1000MHz



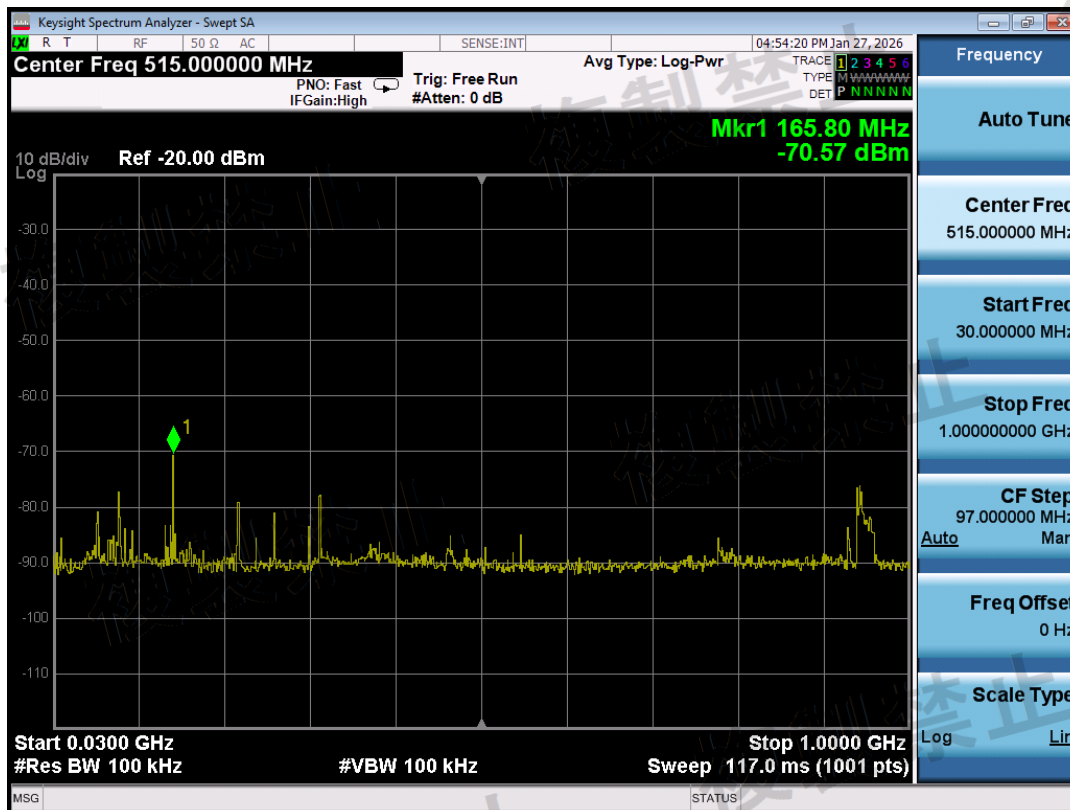
Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5230MHz : 1000 ~ 26000MHz



Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5230MHz : 1000 ~ 26000MHz _Sample



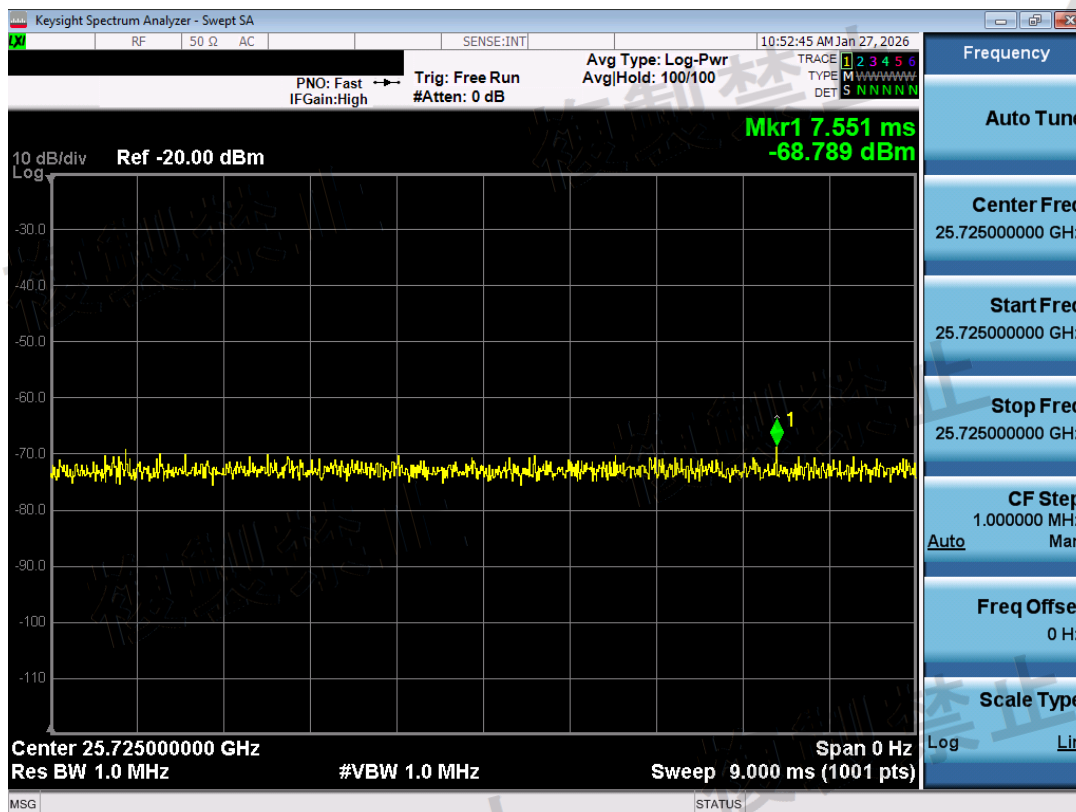
Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5270MHz : 30 ~ 1000MHz



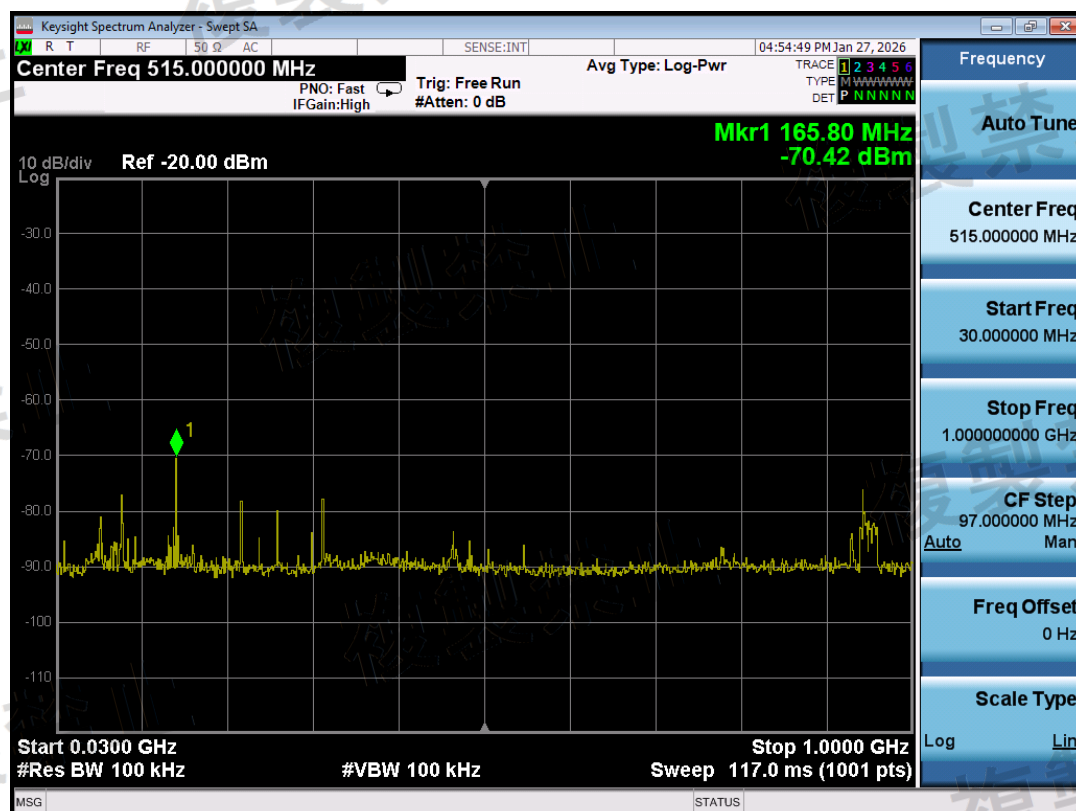
Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5270MHz : 1000 ~ 26000MHz



Chain A Mode 10 : Receiver (802.11ac VHT40) ; 5270MHz : 1000 ~ 26000MHz Sample



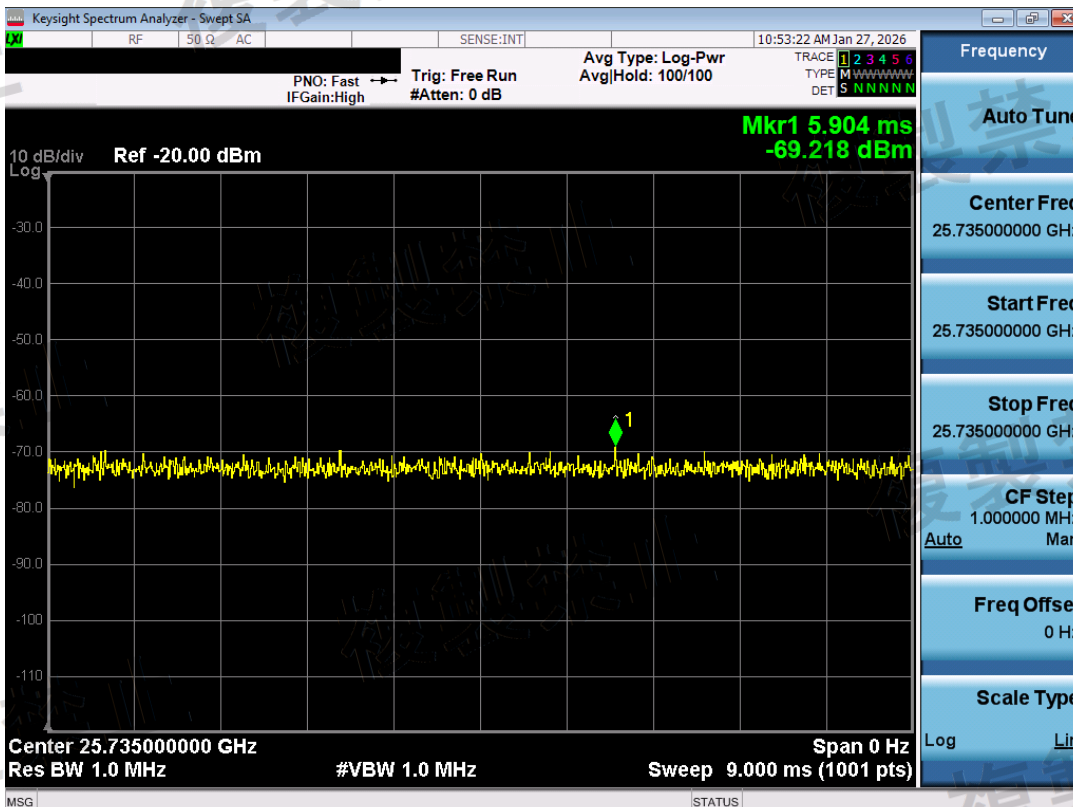
Chain A Mode 10 : Receiver (802.11ac VHT40) ; 5310MHz : 30 ~ 1000MHz



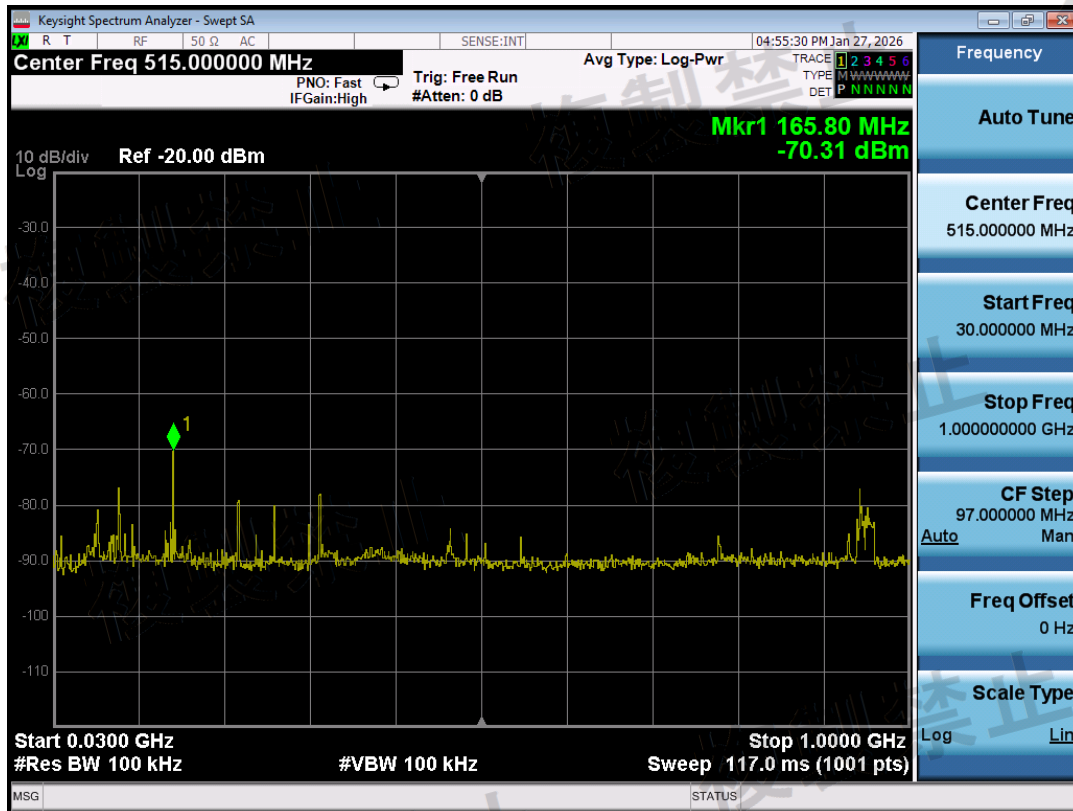
Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5310MHz : 1000 ~ 26000MHz



Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5310MHz : 1000 ~ 26000MHz _Sample



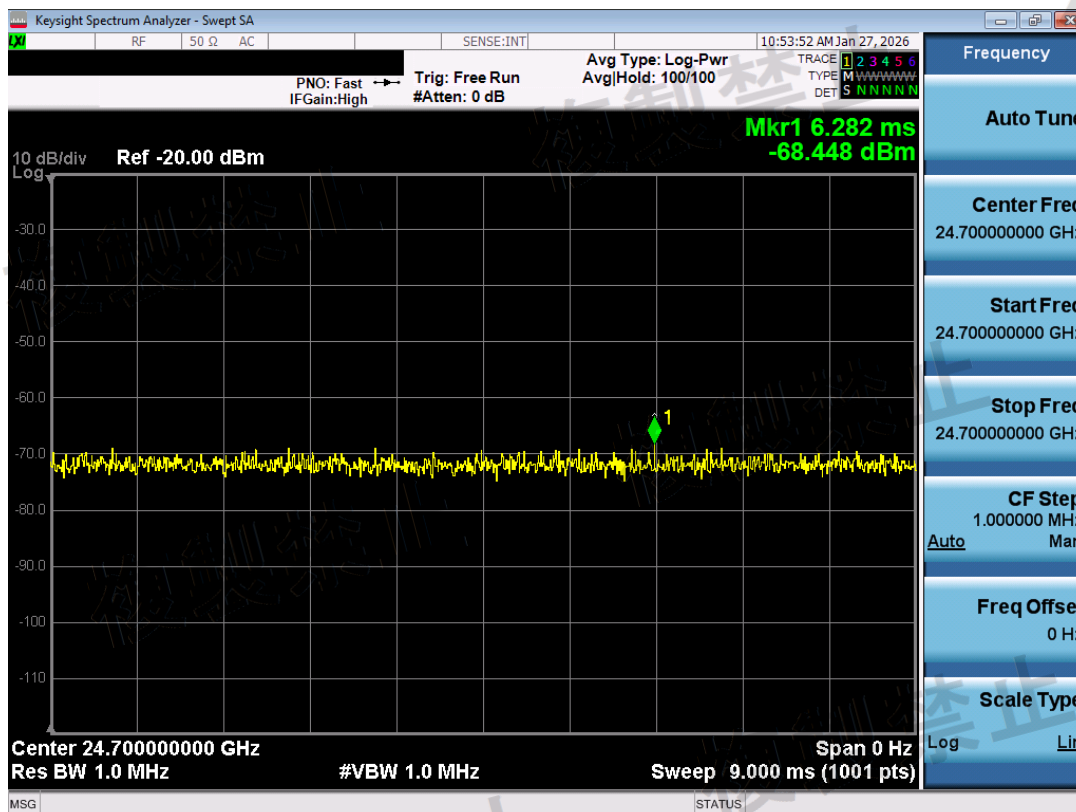
Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5510MHz : 30 ~ 1000MHz



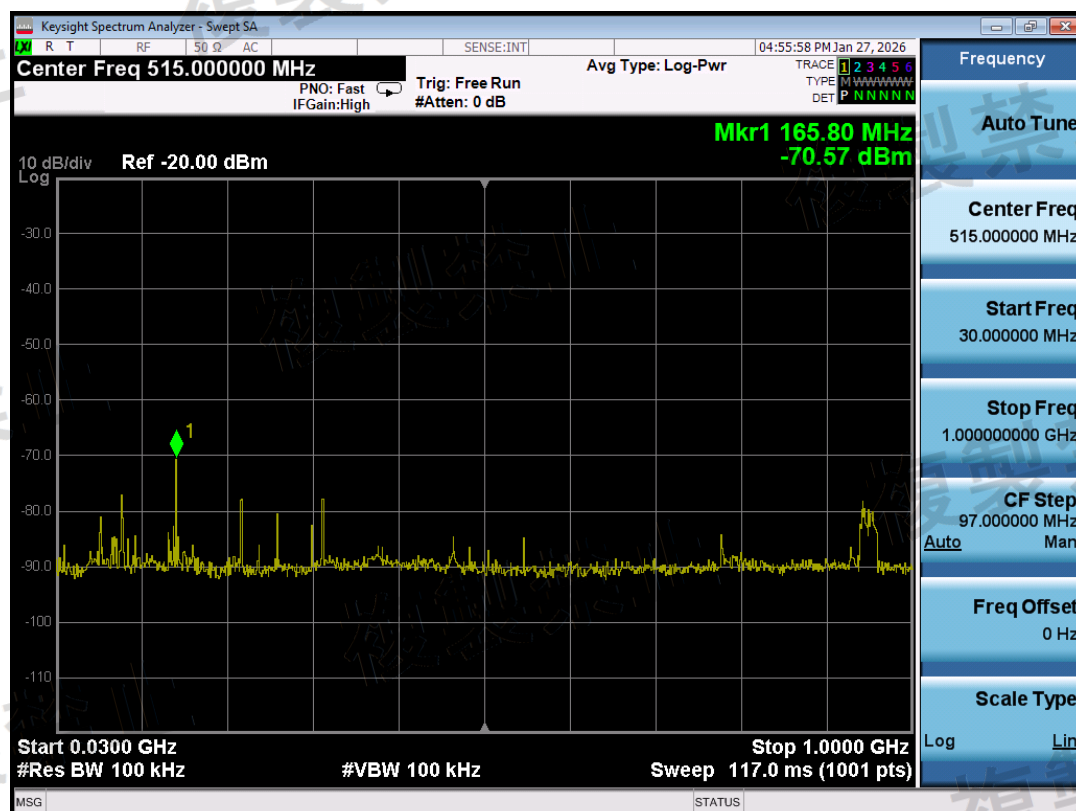
Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5510MHz : 1000 ~ 26000MHz



Chain A Mode 10 : Receiver (802.11ac VHT40) ; 5510MHz : 1000 ~ 26000MHz Sample



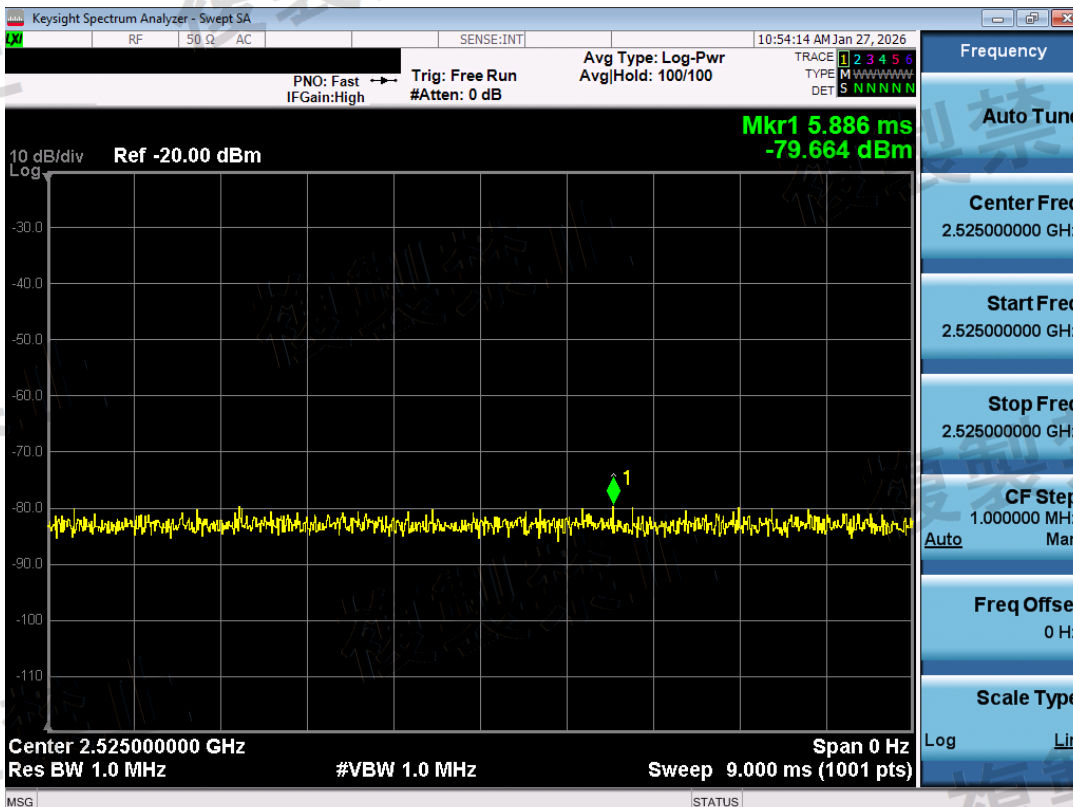
Chain A Mode 10 : Receiver (802.11ac VHT40) ; 5550MHz : 30 ~ 1000MHz



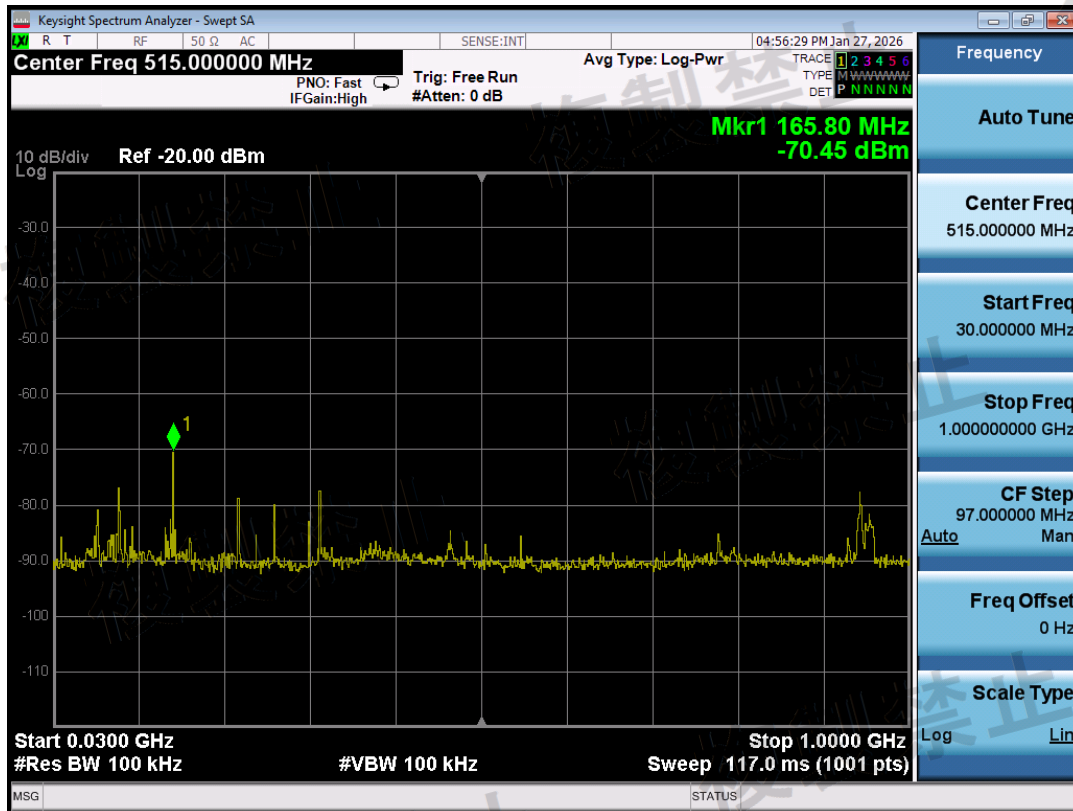
Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5550MHz : 1000 ~ 26000MHz



Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5550MHz : 1000 ~ 26000MHz _Sample



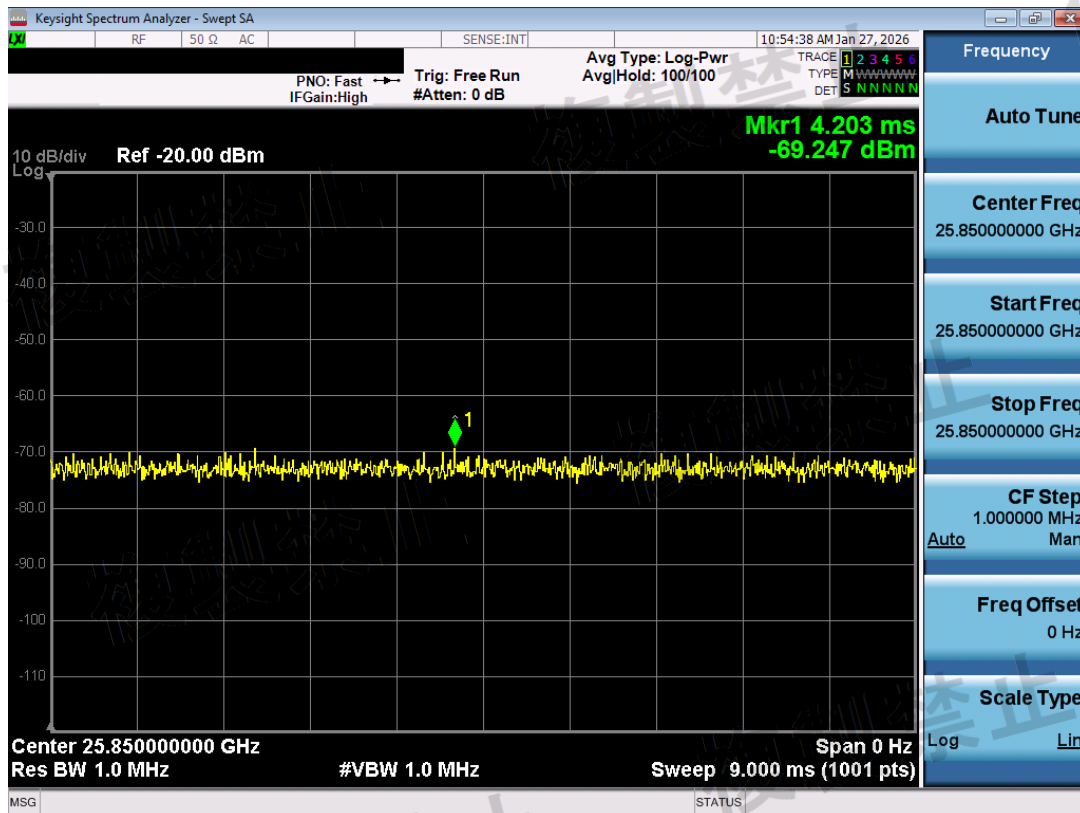
Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5670MHz : 30 ~ 1000MHz



Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5670MHz : 1000 ~ 26000MHz



Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5670MHz : 1000 ~ 26000MHz _Sample



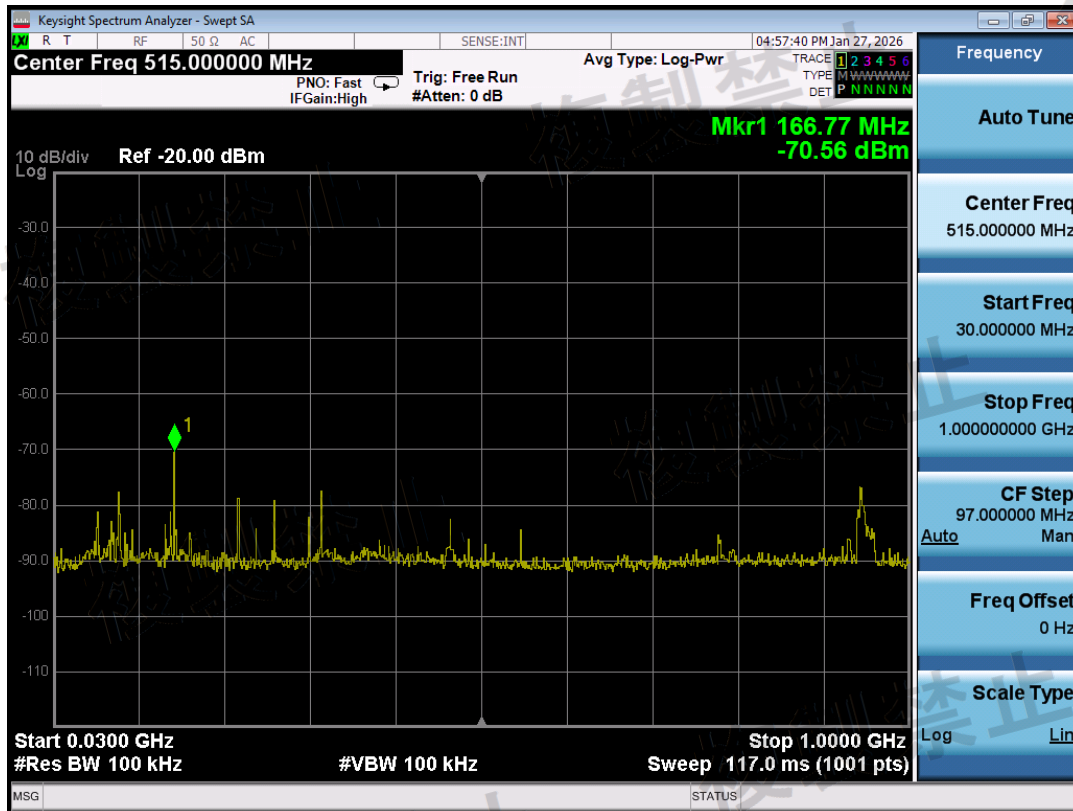
Product : IP CAMERA
Test Item : Receiver Spurious Emissions
Test Mode : Mode 11 : Receiver (802.11ac VHT80)
Test Voltage : DC 12V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Limit (nW)	Result
		dBm	nW	dBm	nW		
5210	30 ~ 1000	-69.41	0.1146	--	--	≤ 4	Pass
	1000 ~ 26000	-53.49	4.4771	--	--	≤ 20	Pass
5290	30 ~ 1000	-69.45	0.1135	--	--	≤ 4	Pass
	1000 ~ 26000	-53.29	4.6881	--	--	≤ 20	Pass
5530	30 ~ 1000	-69.33	0.1167	--	--	≤ 4	Pass
	1000 ~ 26000	-52.95	5.0699	--	--	≤ 20	Pass
5610	30 ~ 1000	-69.25	0.1189	--	--	≤ 4	Pass
	1000 ~ 26000	-53.80	4.1687	--	--	≤ 20	Pass

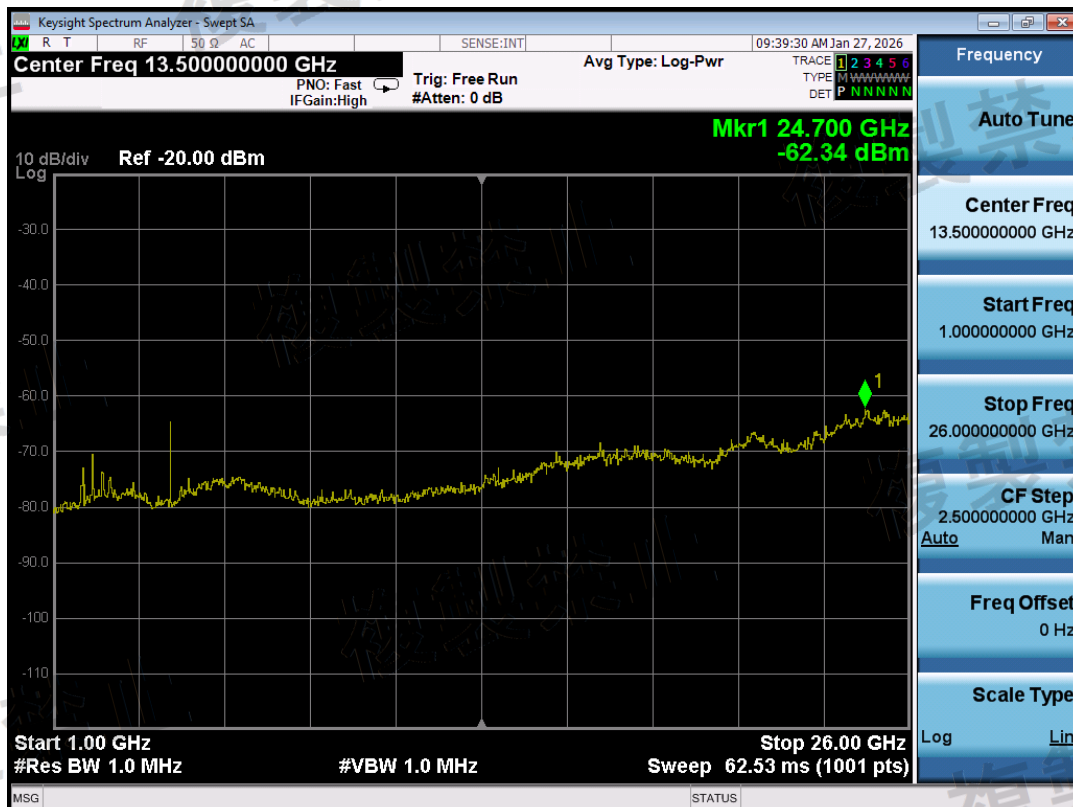
Note:

- (1) Measured Value = Spectrum Reading Value + Cable Loss
- (2) The spectrum plots are attached on the following pages.

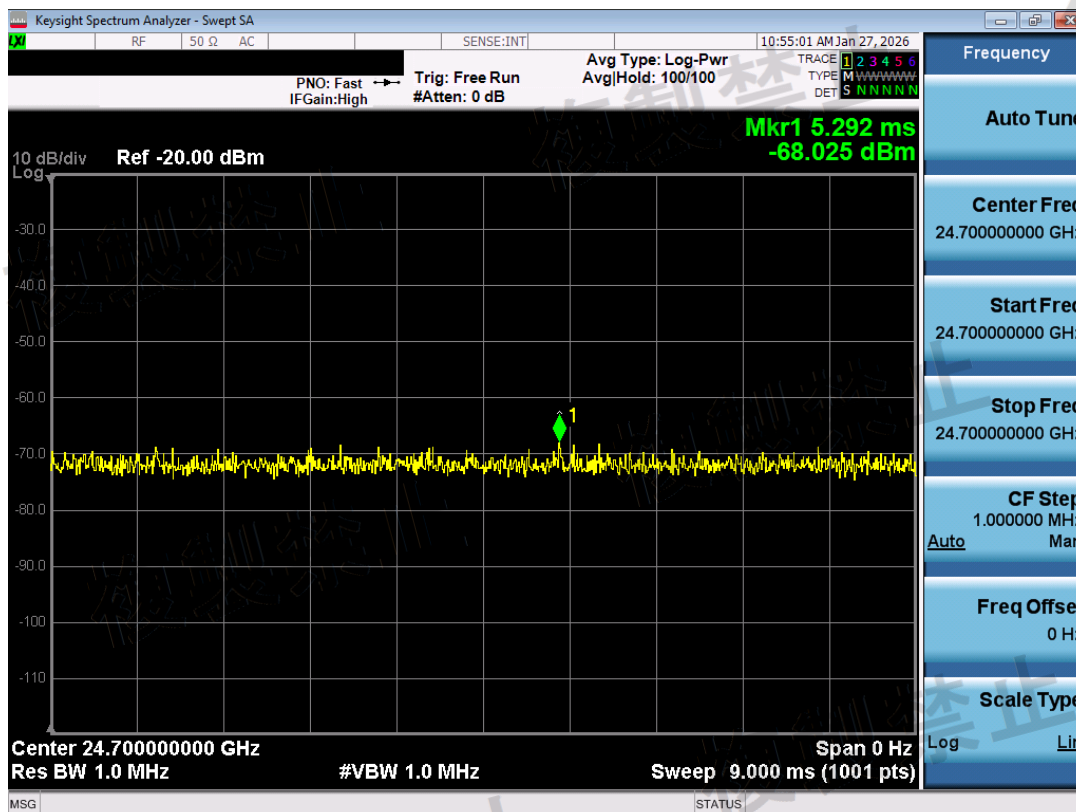
Chain A_Mode 11 : Receiver (802.11ac VHT80) ; 5210MHz : 30 ~ 1000MHz



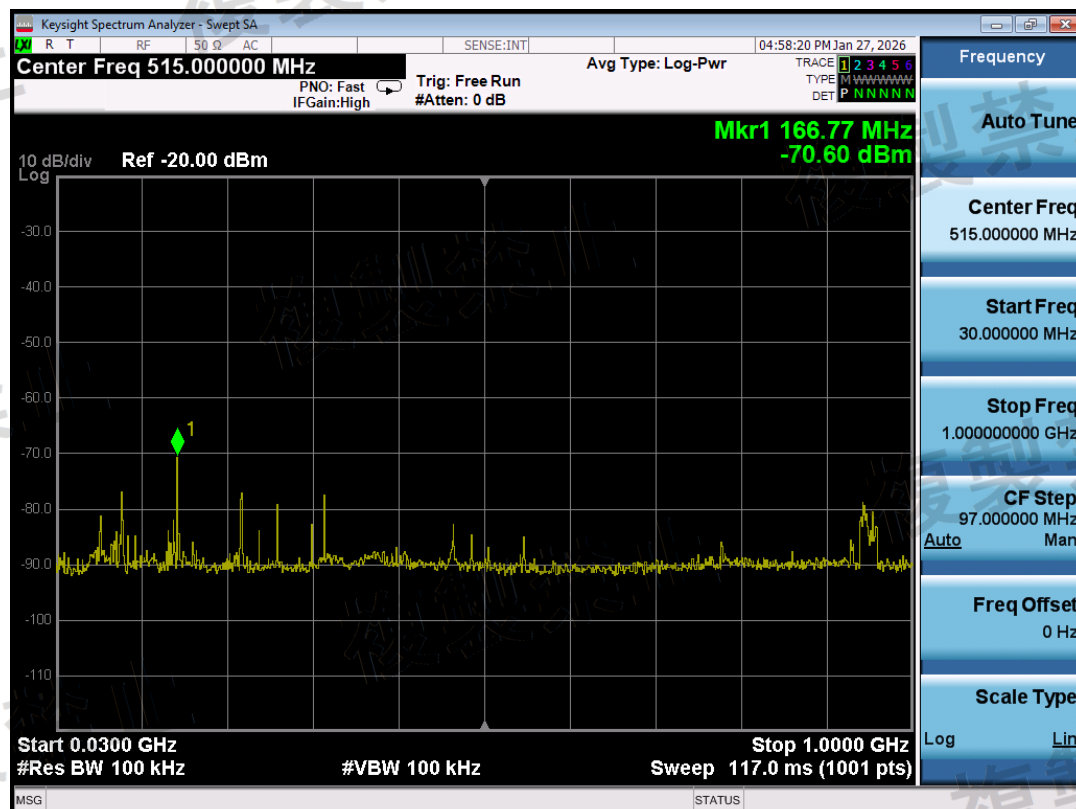
Chain A_Mode 11 : Receiver (802.11ac VHT80) ; 5210MHz : 1000 ~ 26000MHz



Chain A Mode 11 : Receiver (802.11ac VHT80) ; 5210MHz : 1000 ~ 26000MHz Sample



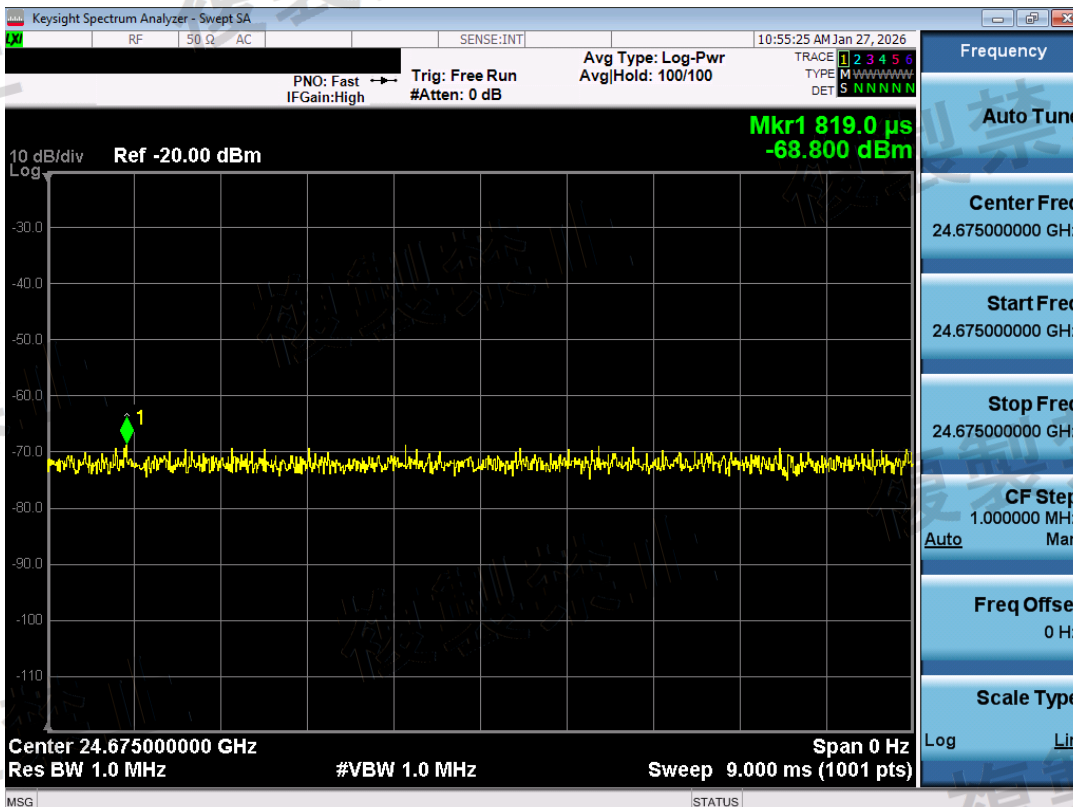
Chain A Mode 11 : Receiver (802.11ac VHT80) ; 5290MHz : 30 ~ 1000MHz



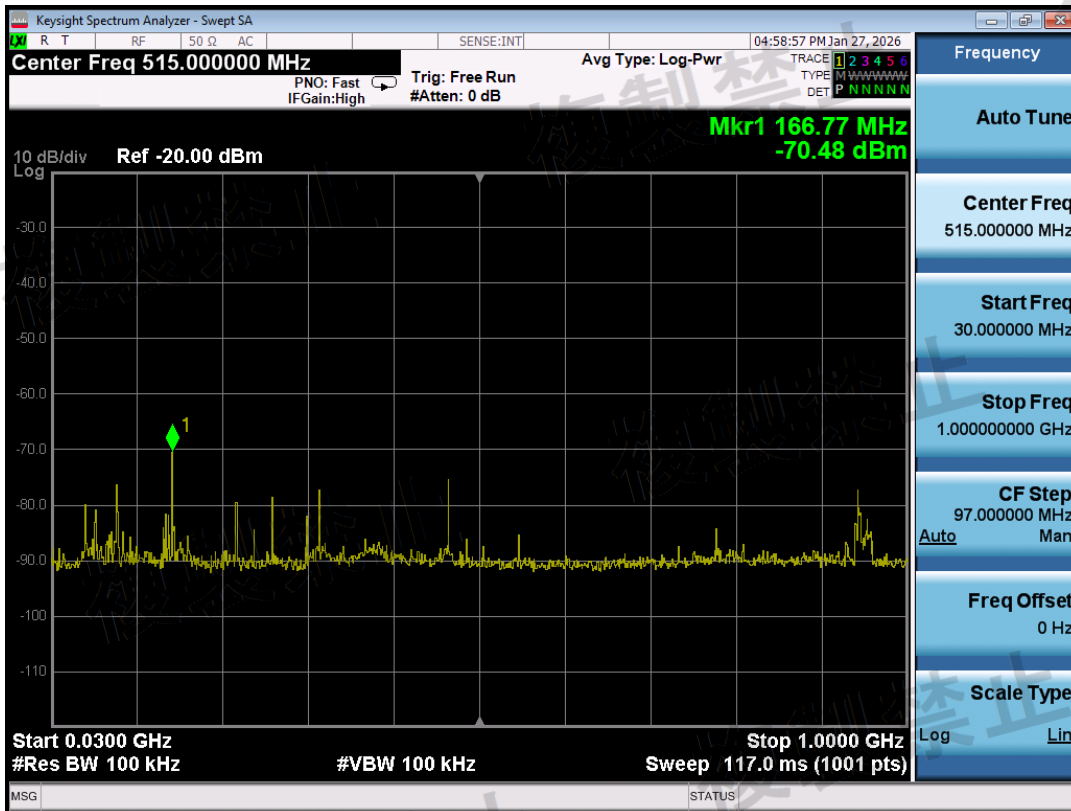
Chain A_Mode 11 : Receiver (802.11ac VHT80) ; 5290MHz : 1000 ~ 26000MHz



Chain A_Mode 11 : Receiver (802.11ac VHT80) ; 5290MHz : 1000 ~ 26000MHz _Sample



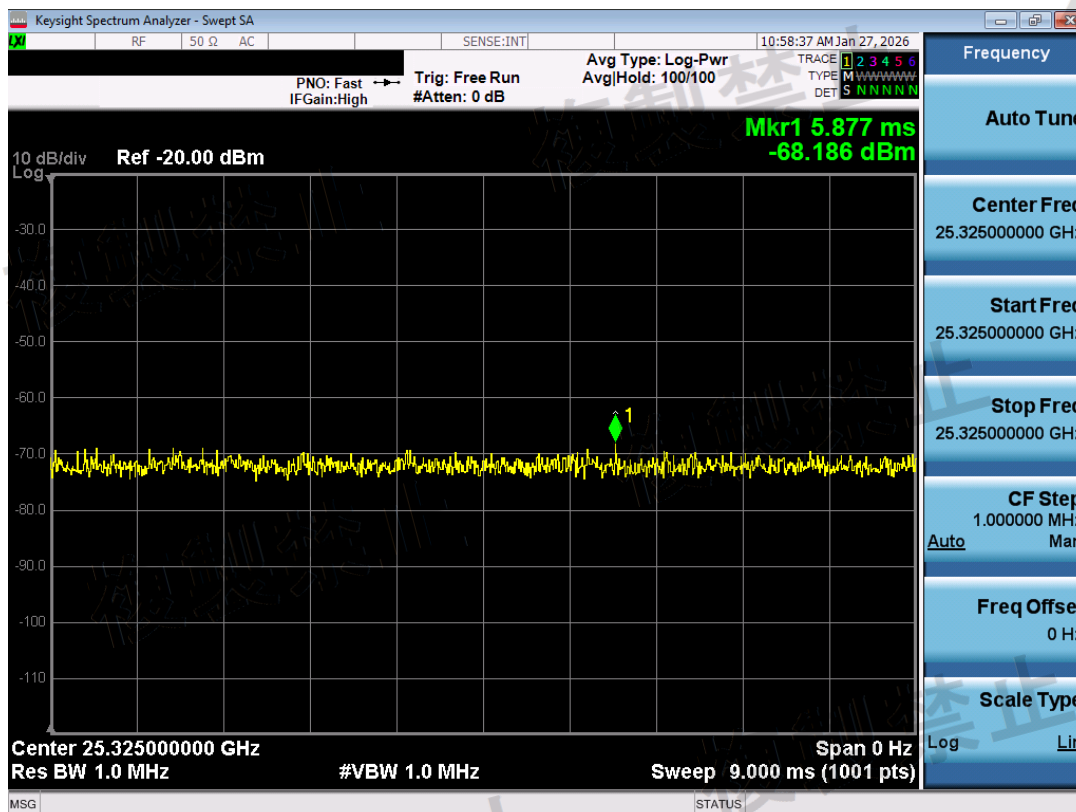
Chain A_Mode 11 : Receiver (802.11ac VHT80) ; 5530MHz : 30 ~ 1000MHz



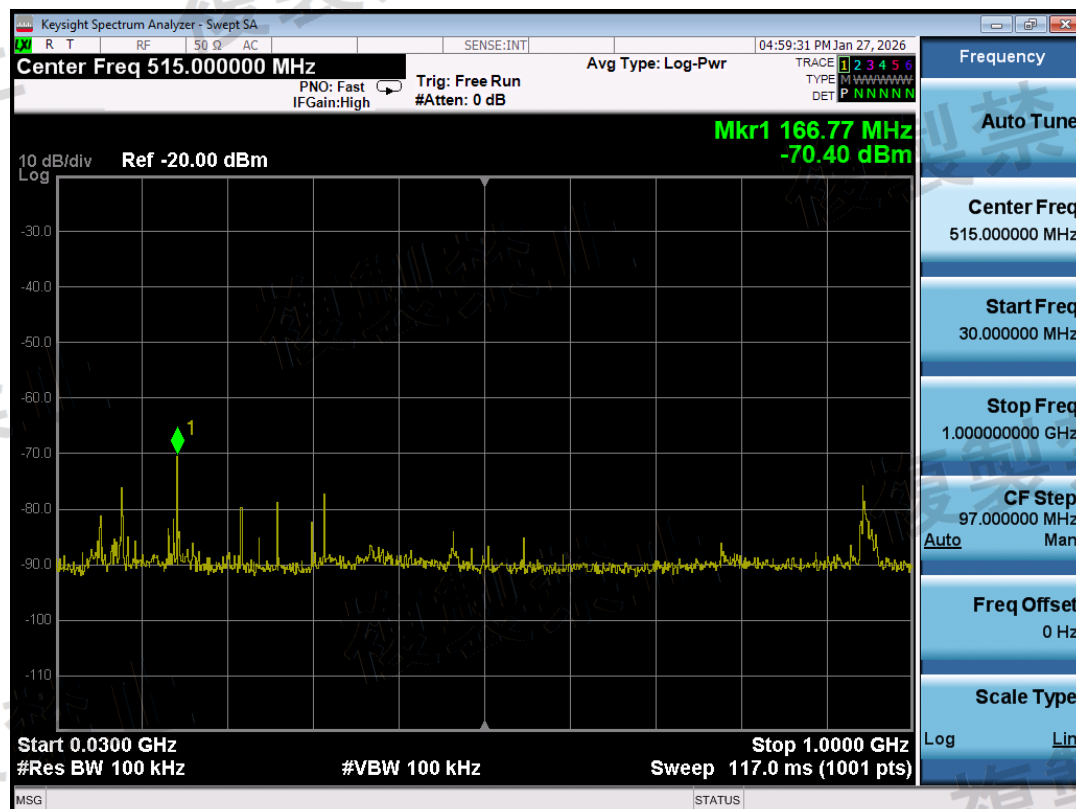
Chain A_Mode 11 : Receiver (802.11ac VHT80) ; 5530MHz : 1000 ~ 26000MHz



Chain A Mode 11 : Receiver (802.11ac VHT80) ; 5530MHz : 1000 ~ 26000MHz Sample



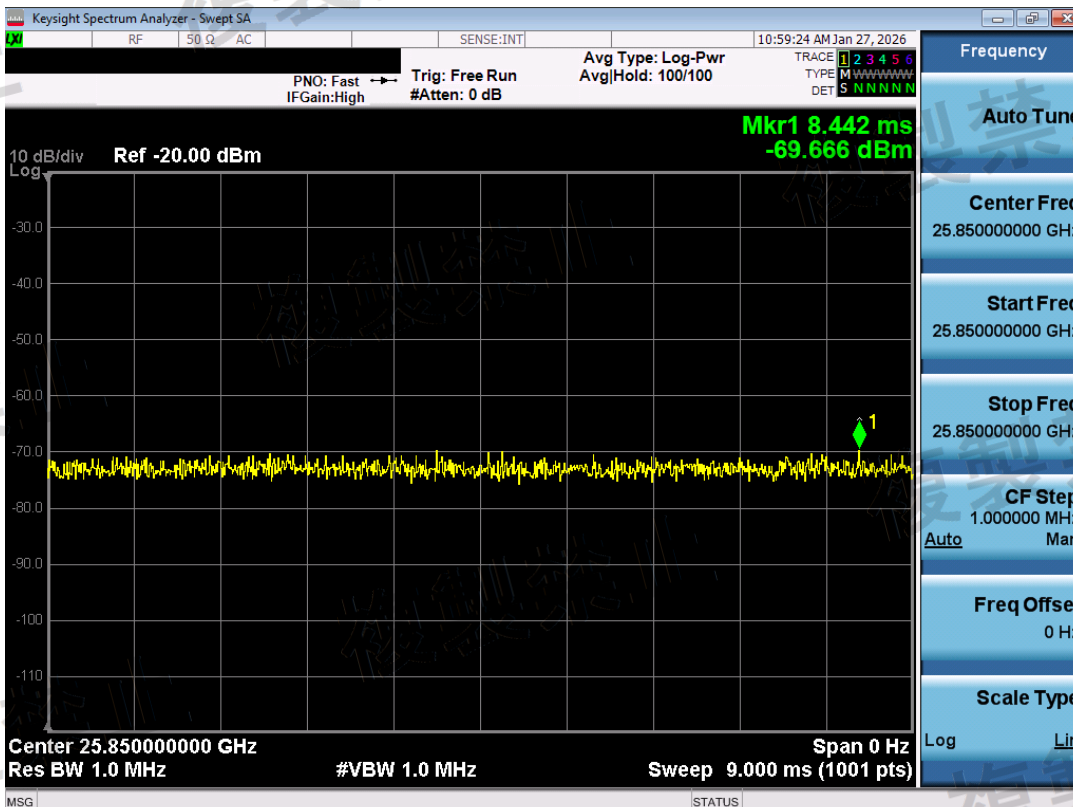
Chain A Mode 11 : Receiver (802.11ac VHT80) ; 5610MHz : 30 ~ 1000MHz



Chain A_Mode 11 : Receiver (802.11ac VHT80) ; 5610MHz : 1000 ~ 26000MHz



Chain A_Mode 11 : Receiver (802.11ac VHT80) ; 5610MHz : 1000 ~ 26000MHz _Sample



Product : IP CAMERA
Test Item : Receiver Spurious Emissions
Test Mode : Mode 12 : Receiver (802.11ax HE20)
Test Voltage : DC 12V

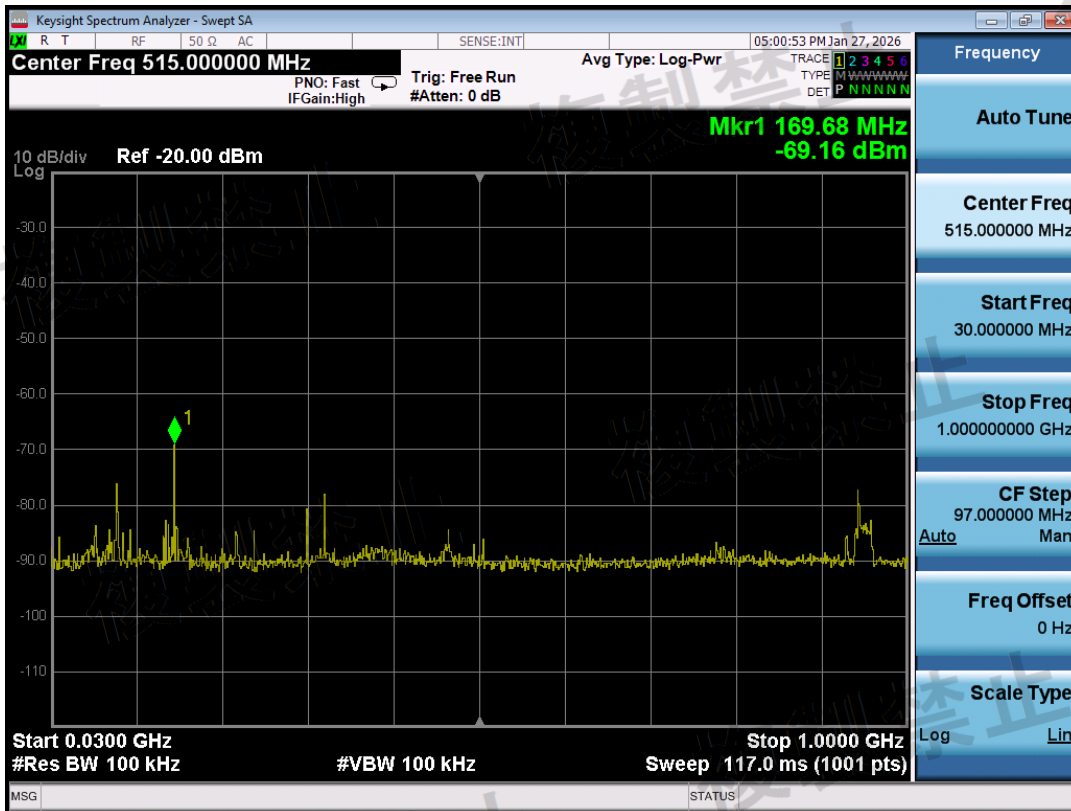
Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Limit (nW)	Result
		dBm	nW	dBm	nW		
5180	30 ~ 1000	-68.01	0.1581	--	--	≤ 4	Pass
	1000 ~ 12500	-52.80	5.2481	--	--	≤ 20	Pass
5220	30 ~ 1000	-67.90	0.1622	--	--	≤ 4	Pass
	1000 ~ 12500	-52.68	5.3951	--	--	≤ 20	Pass
5240	30 ~ 1000	-67.95	0.1603	--	--	≤ 4	Pass
	1000 ~ 12500	-53.92	4.0551	--	--	≤ 20	Pass
5260	30 ~ 1000	-67.70	0.1698	--	--	≤ 4	Pass
	1000 ~ 12500	-53.48	4.4875	--	--	≤ 20	Pass
5300	30 ~ 1000	-67.96	0.1600	--	--	≤ 4	Pass
	1000 ~ 12500	-53.45	4.5186	--	--	≤ 20	Pass
5320	30 ~ 1000	-67.88	0.1629	--	--	≤ 4	Pass
	1000 ~ 12500	-60.60	0.8710	--	--	≤ 20	Pass
5500	30 ~ 1000	-67.90	0.1622	--	--	≤ 4	Pass
	1000 ~ 12500	-53.63	4.3351	--	--	≤ 20	Pass
5580	30 ~ 1000	-67.77	0.1671	--	--	≤ 4	Pass
	1000 ~ 12500	-52.67	5.4075	--	--	≤ 20	Pass
5700	30 ~ 1000	-67.82	0.1652	--	--	≤ 4	Pass
	1000 ~ 12500	-59.84	1.0375	--	--	≤ 20	Pass

Note:

(1) Measured Value = Spectrum Reading Value + Cable Loss

(2) The spectrum plots are attached on the following pages.

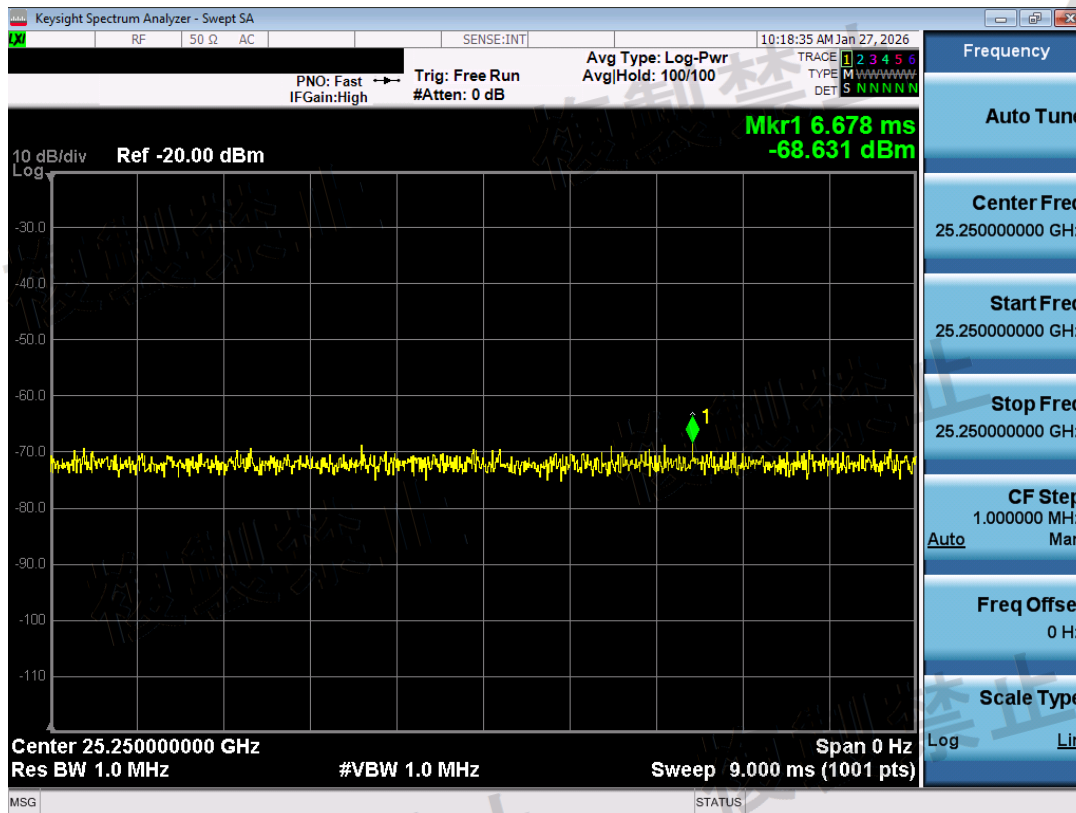
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5180MHz : 30 ~ 1000MHz



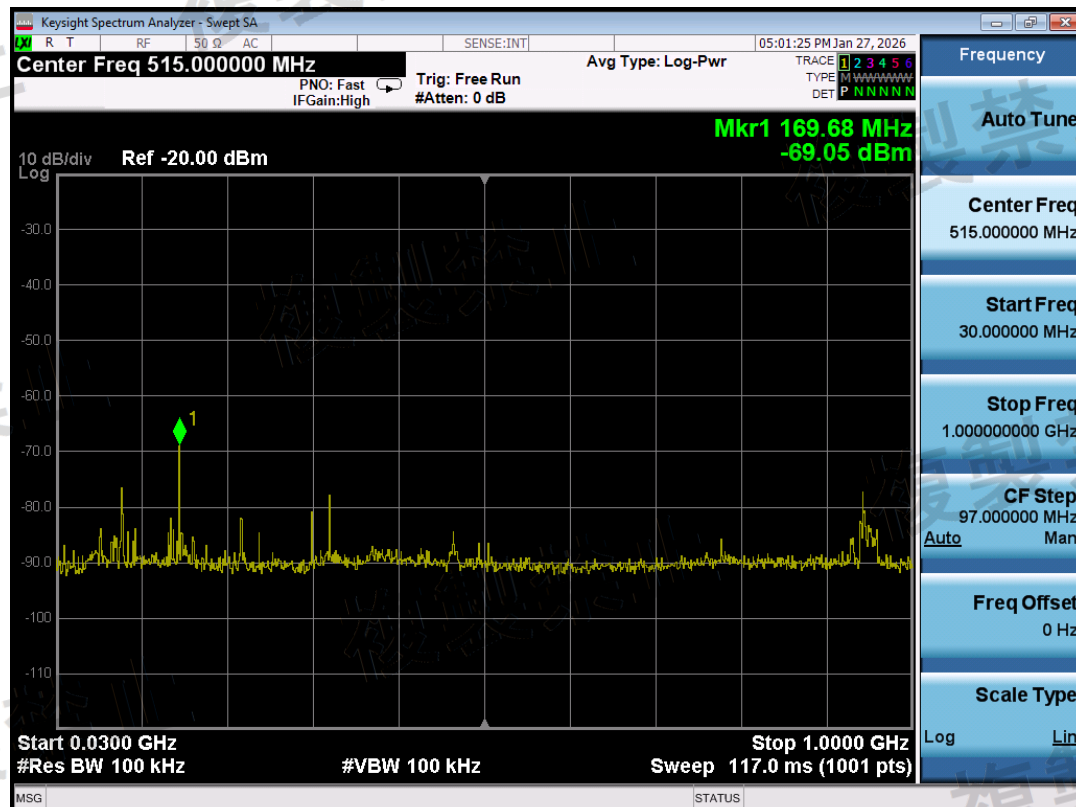
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5180MHz : 1000 ~ 26000MHz



Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5180MHz : 1000 ~ 26000MHz _Sample



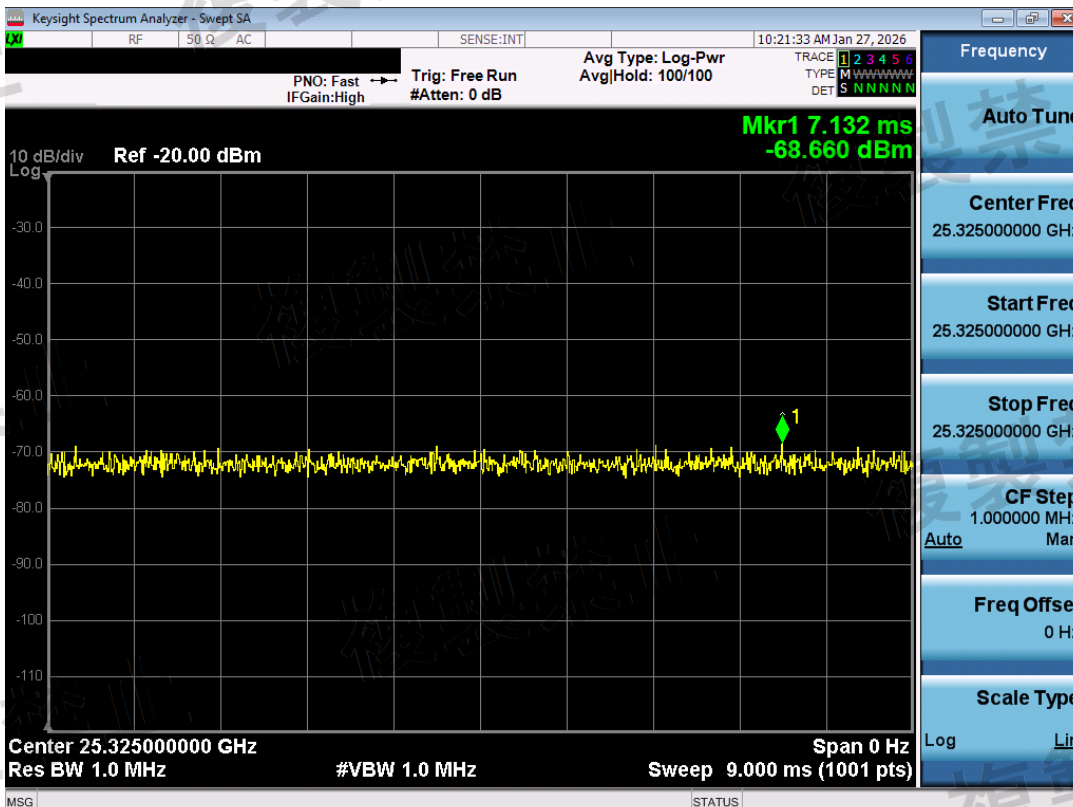
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5220MHz : 30 ~ 1000MHz



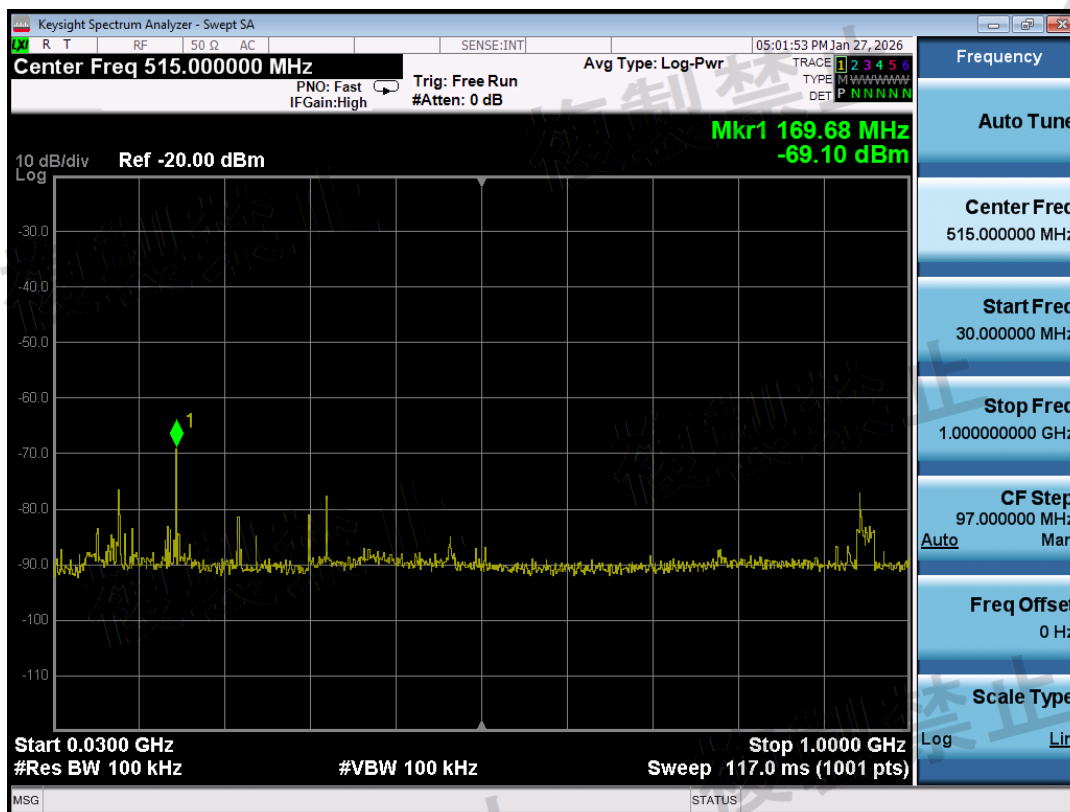
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5220MHz : 1000 ~ 26000MHz



Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5220MHz : 1000 ~ 26000MHz _Sample



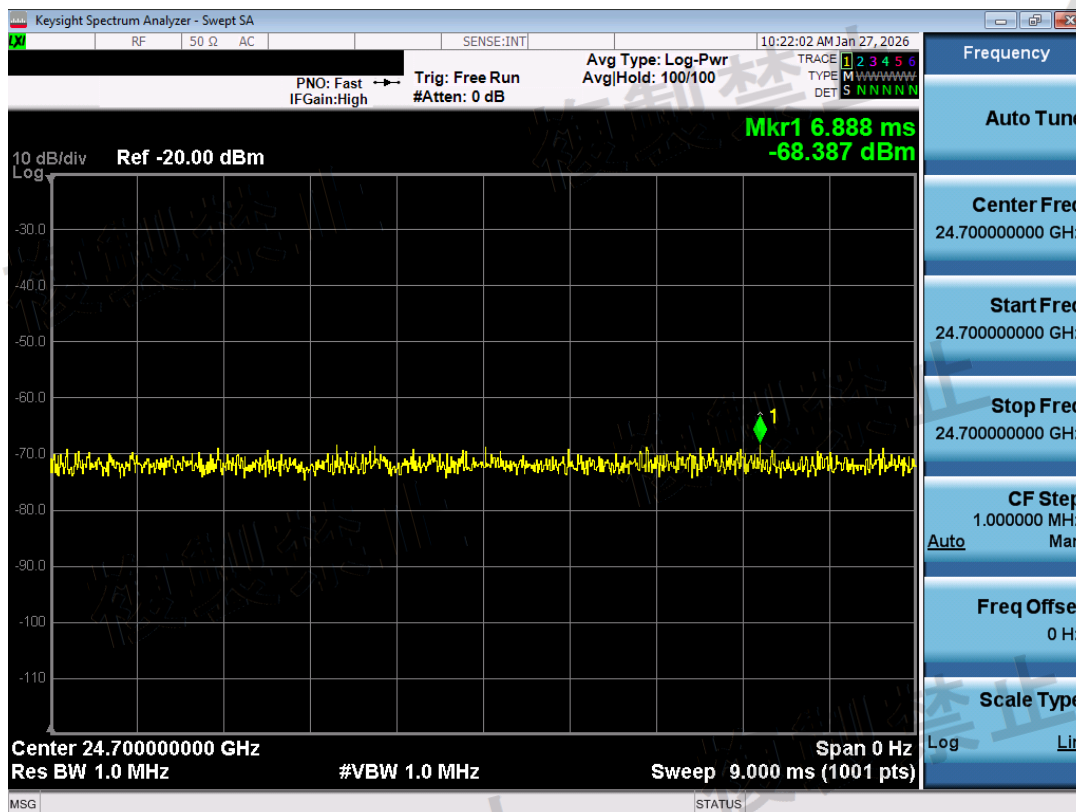
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5240MHz : 30 ~ 1000MHz



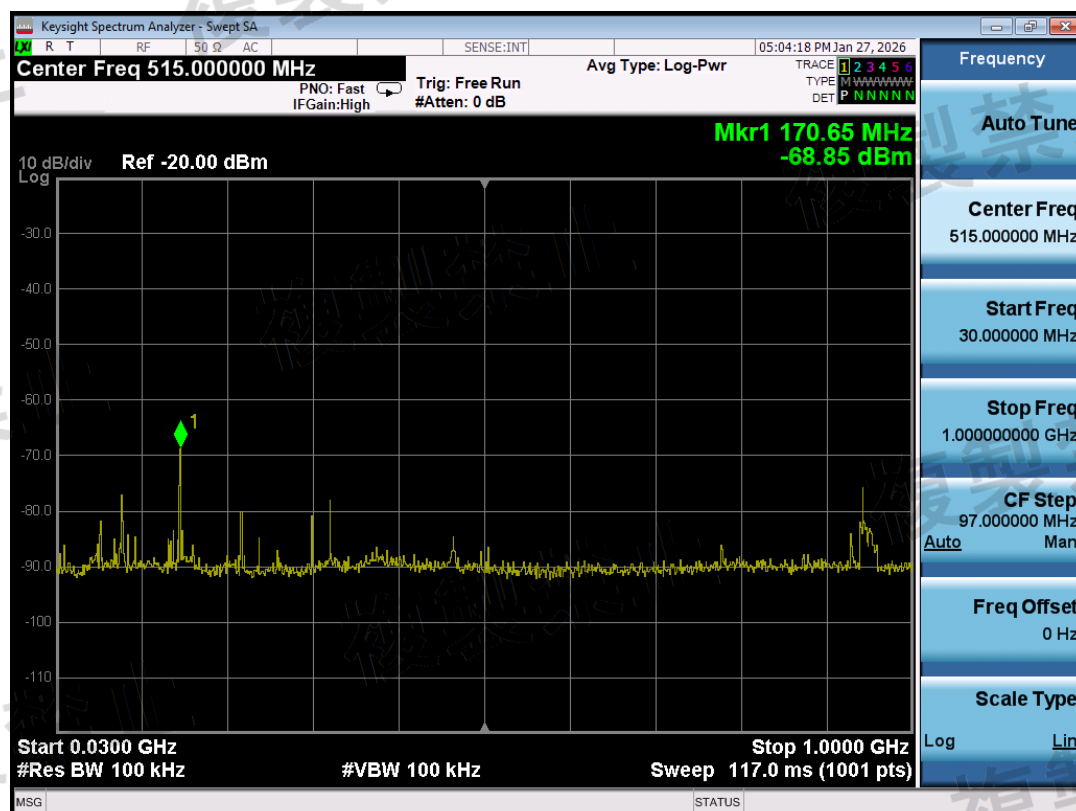
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5240MHz : 1000 ~ 26000MHz



Chain A Mode 12 : Receiver (802.11ax HE20) ; 5240MHz : 1000 ~ 26000MHz Sample



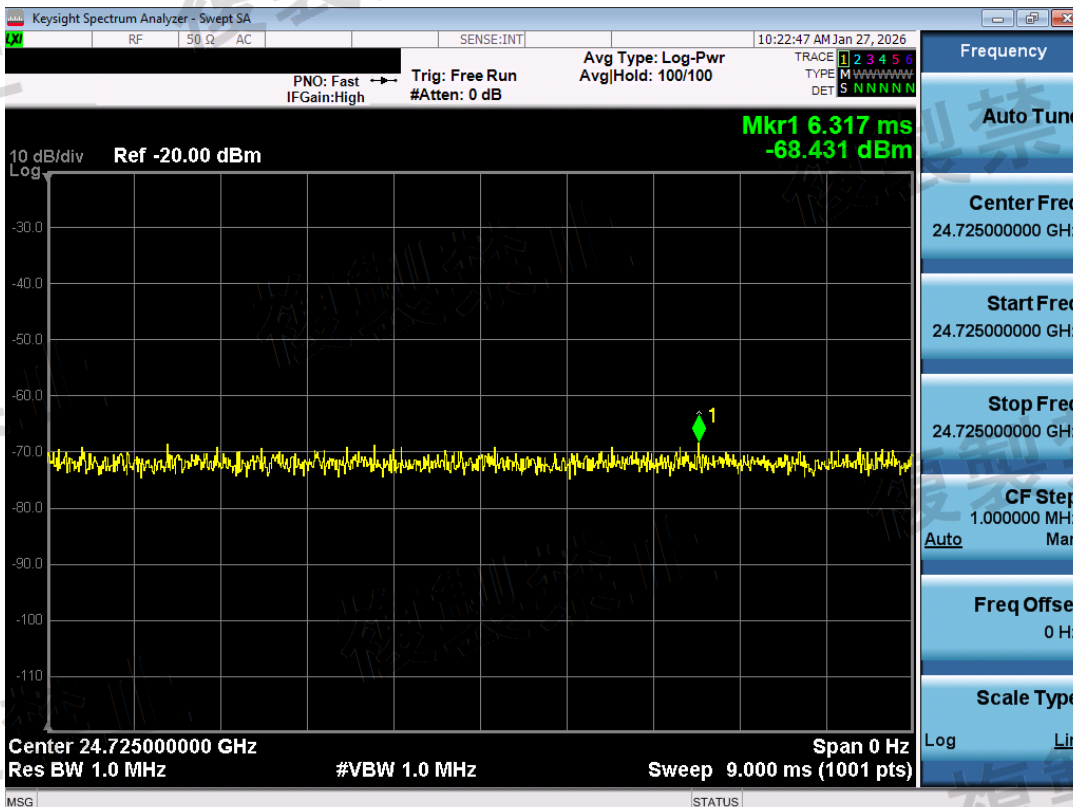
Chain A Mode 12 : Receiver (802.11ax HE20) ; 5260MHz : 30 ~ 1000MHz



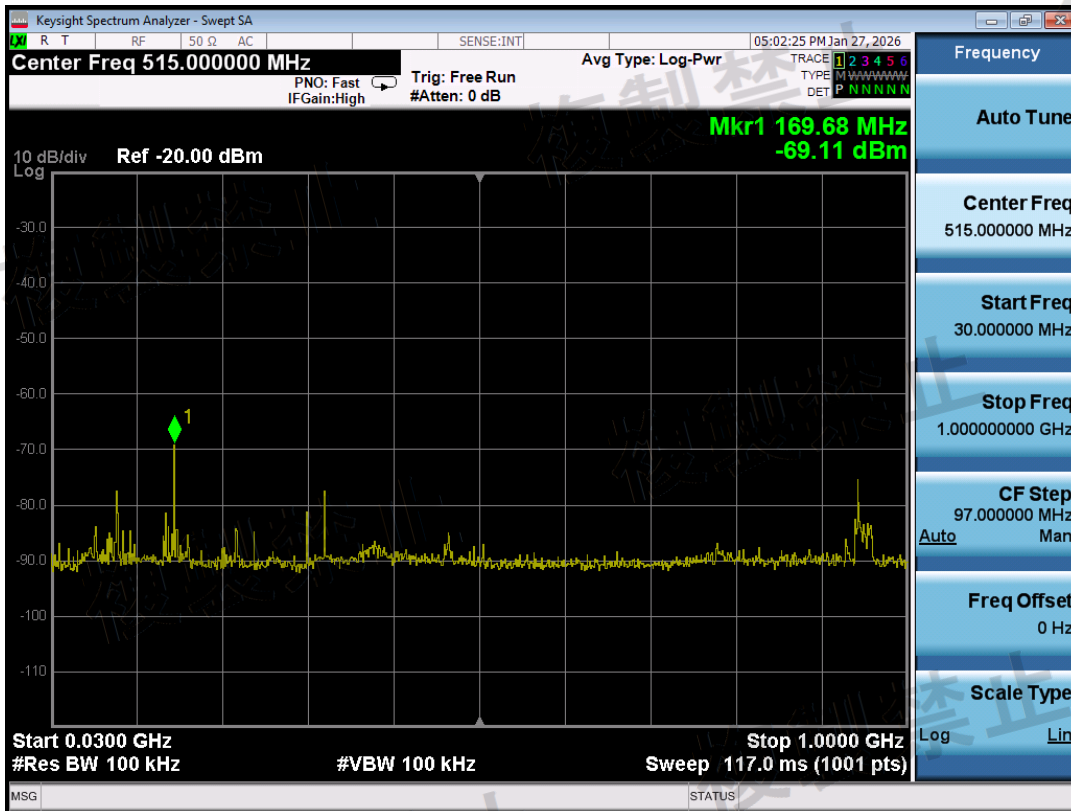
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5260MHz : 1000 ~ 26000MHz



Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5260MHz : 1000 ~ 26000MHz _Sample



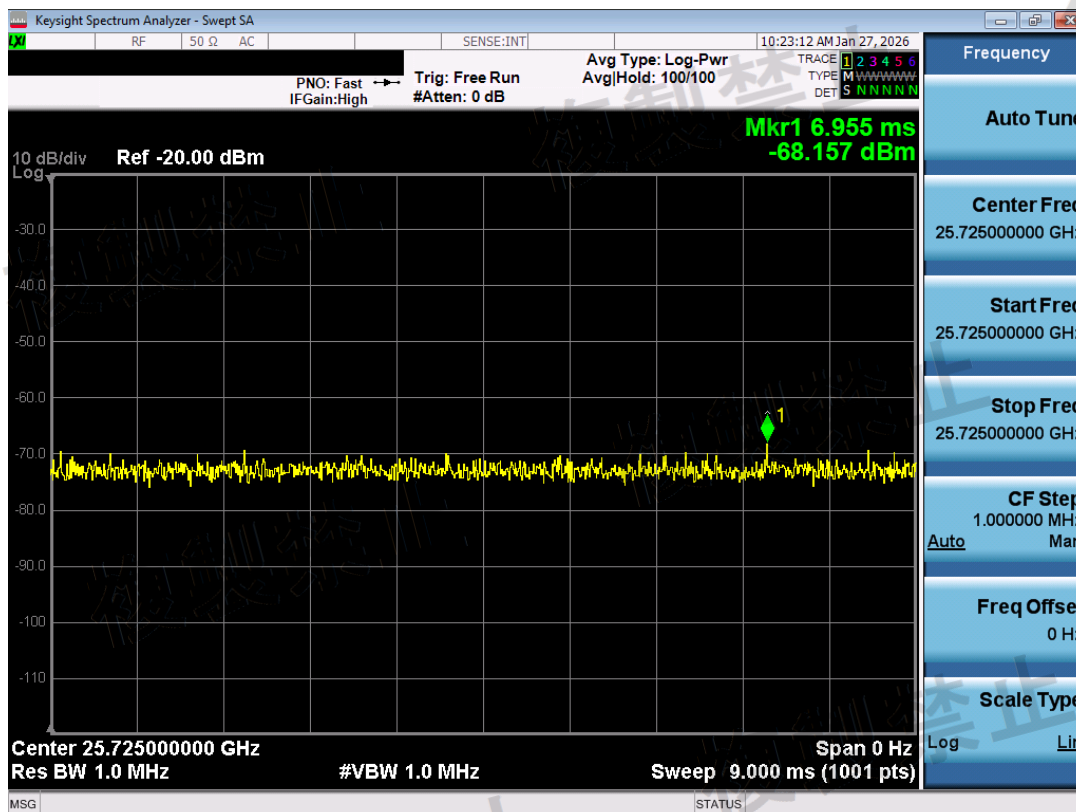
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5300MHz : 30 ~ 1000MHz



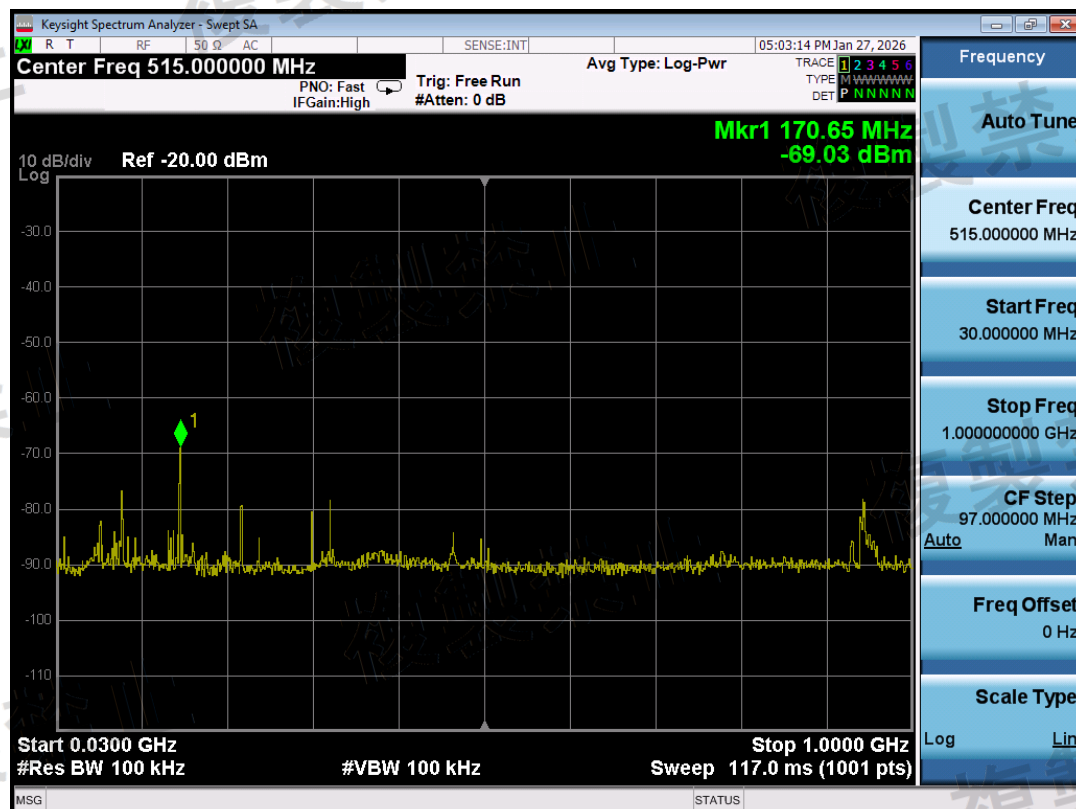
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5300MHz : 1000 ~ 26000MHz



Chain A Mode 12 : Receiver (802.11ax HE20) ; 5300MHz : 1000 ~ 26000MHz Sample



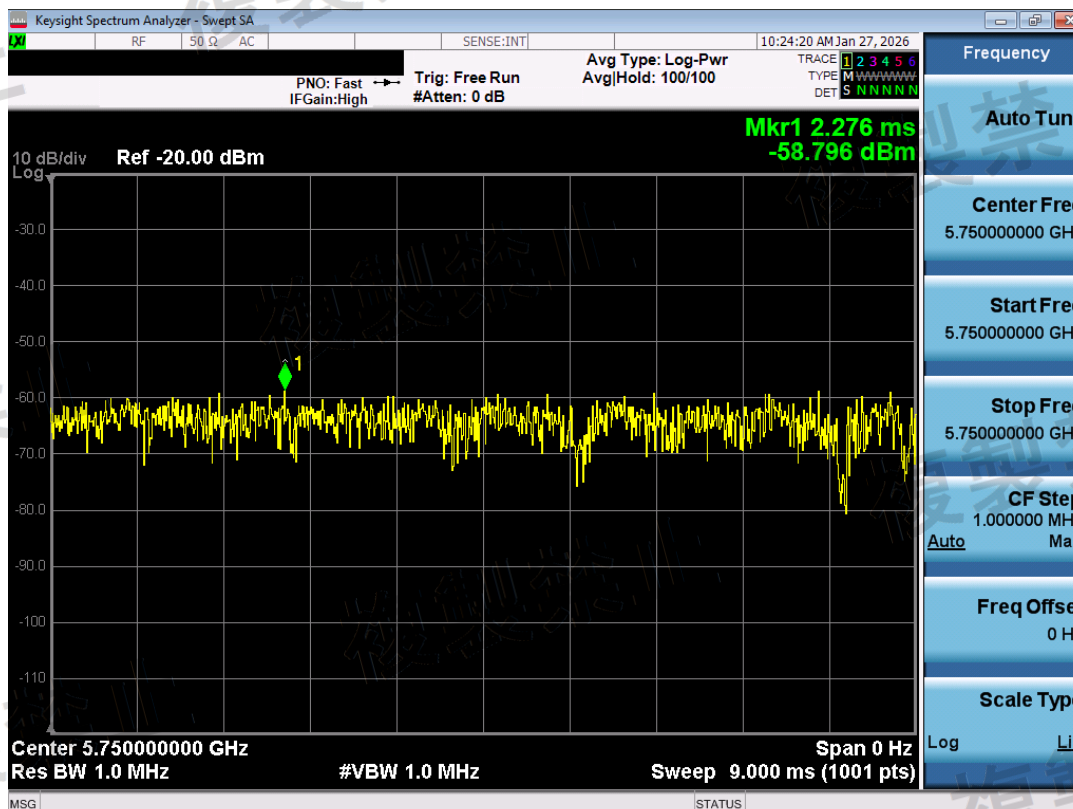
Chain A Mode 12 : Receiver (802.11ax HE20) ; 5320MHz : 30 ~ 1000MHz



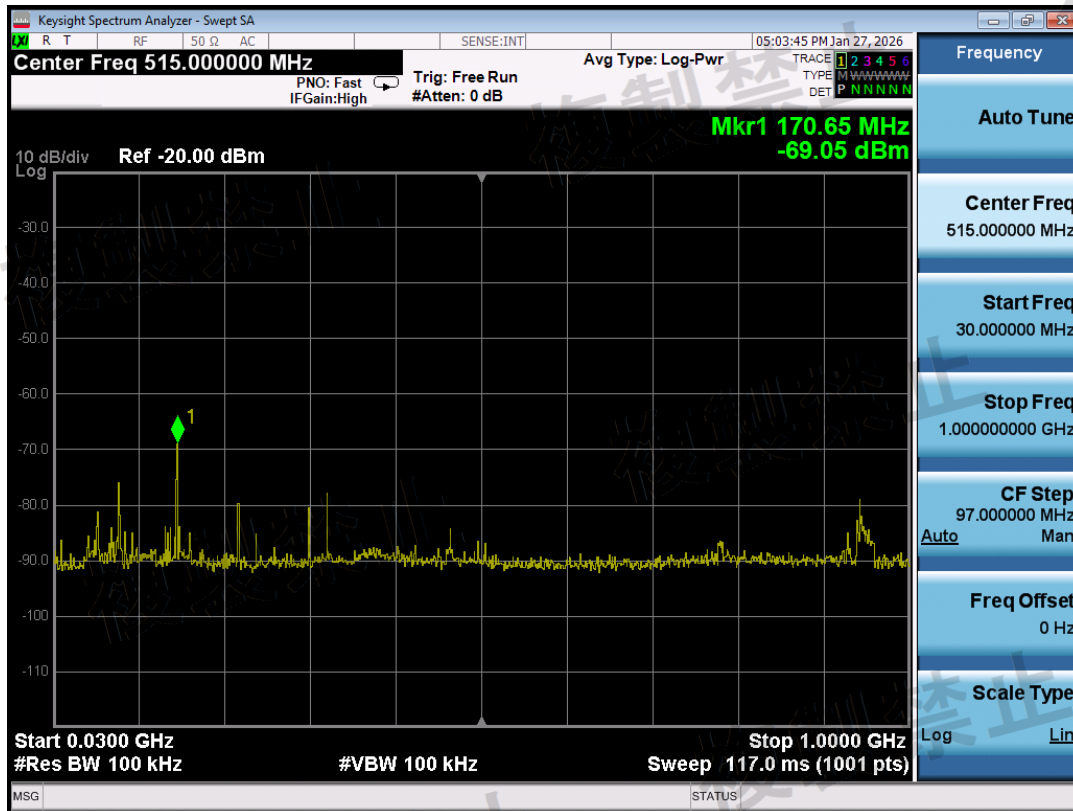
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5320MHz : 1000 ~ 26000MHz



Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5320MHz : 1000 ~ 26000MHz _Sample



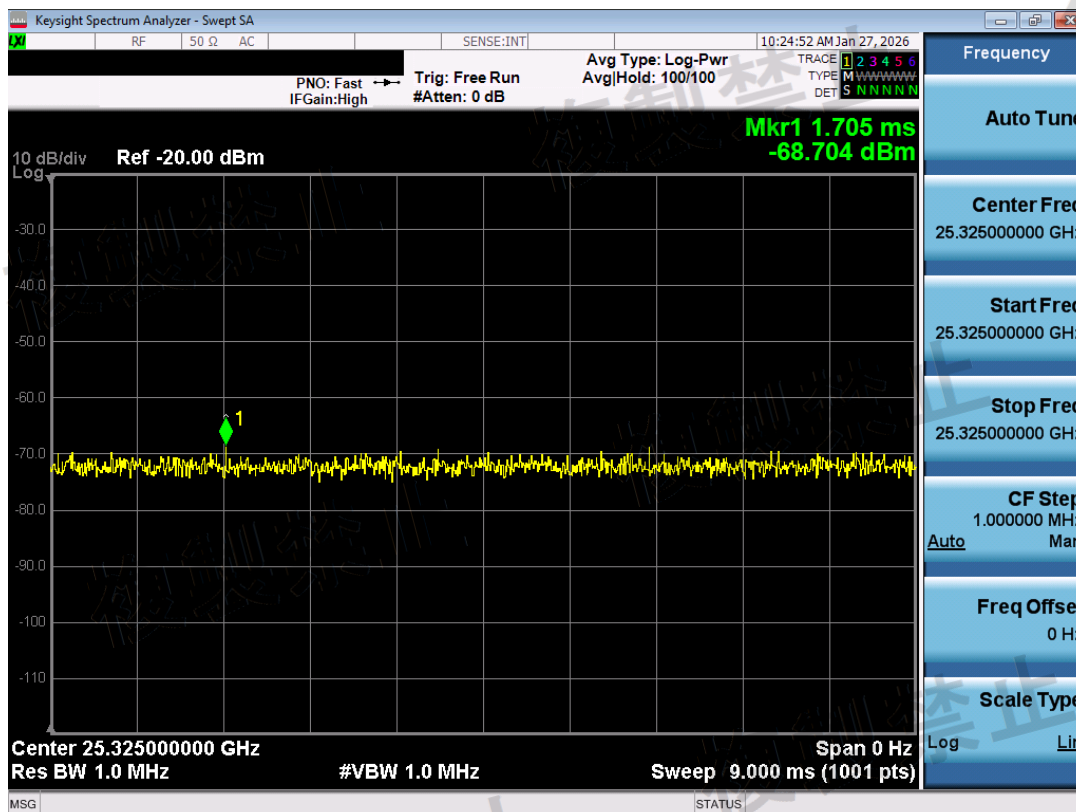
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5500MHz : 30 ~ 1000MHz



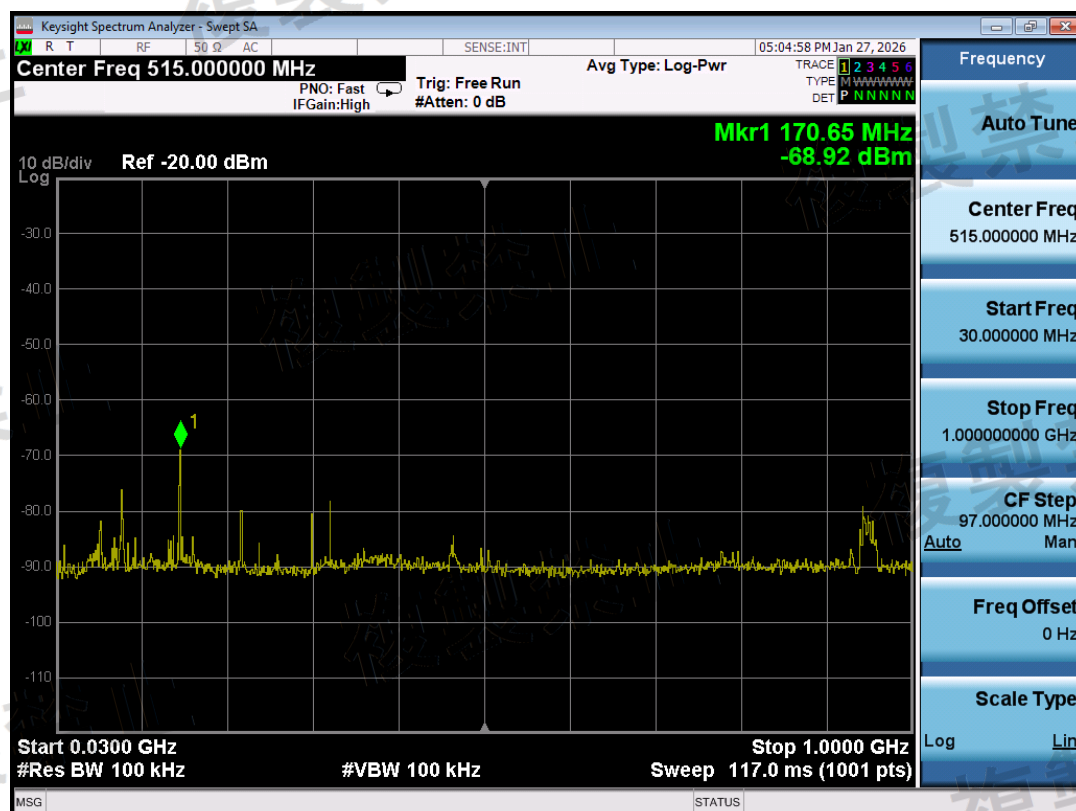
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5500MHz : 1000 ~ 26000MHz



Chain A Mode 12 : Receiver (802.11ax HE20) ; 5500MHz : 1000 ~ 26000MHz Sample



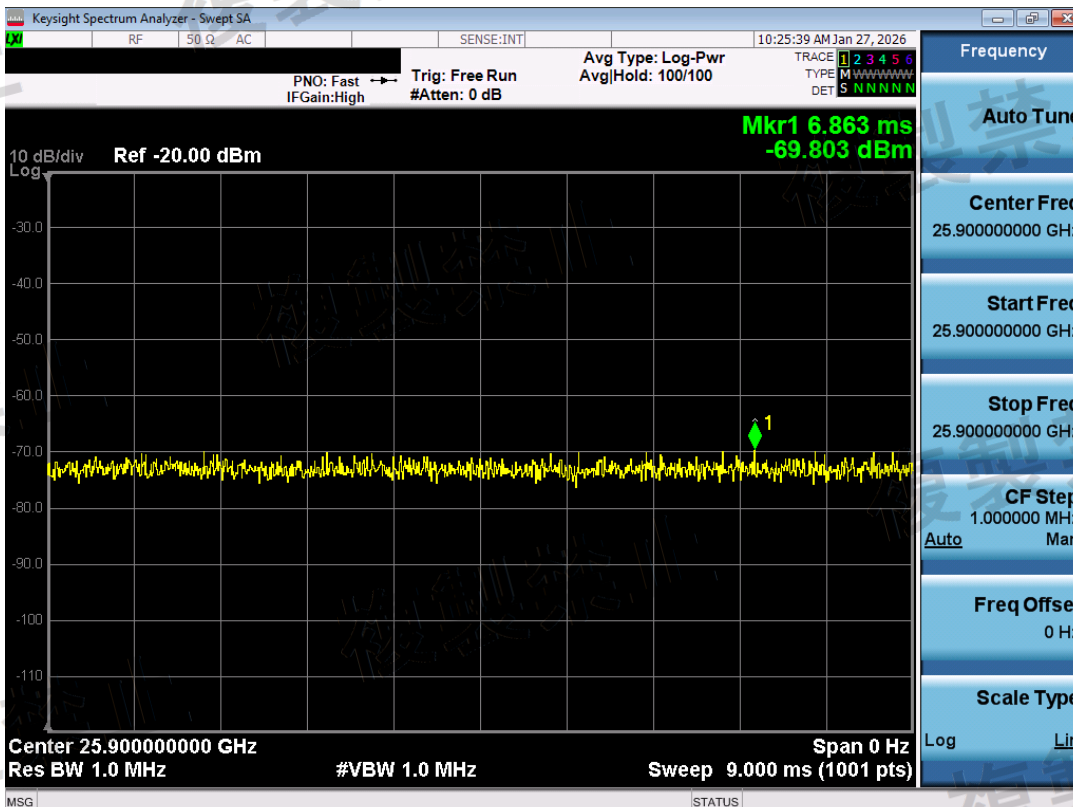
Chain A Mode 12 : Receiver (802.11ax HE20) ; 5580MHz : 30 ~ 1000MHz



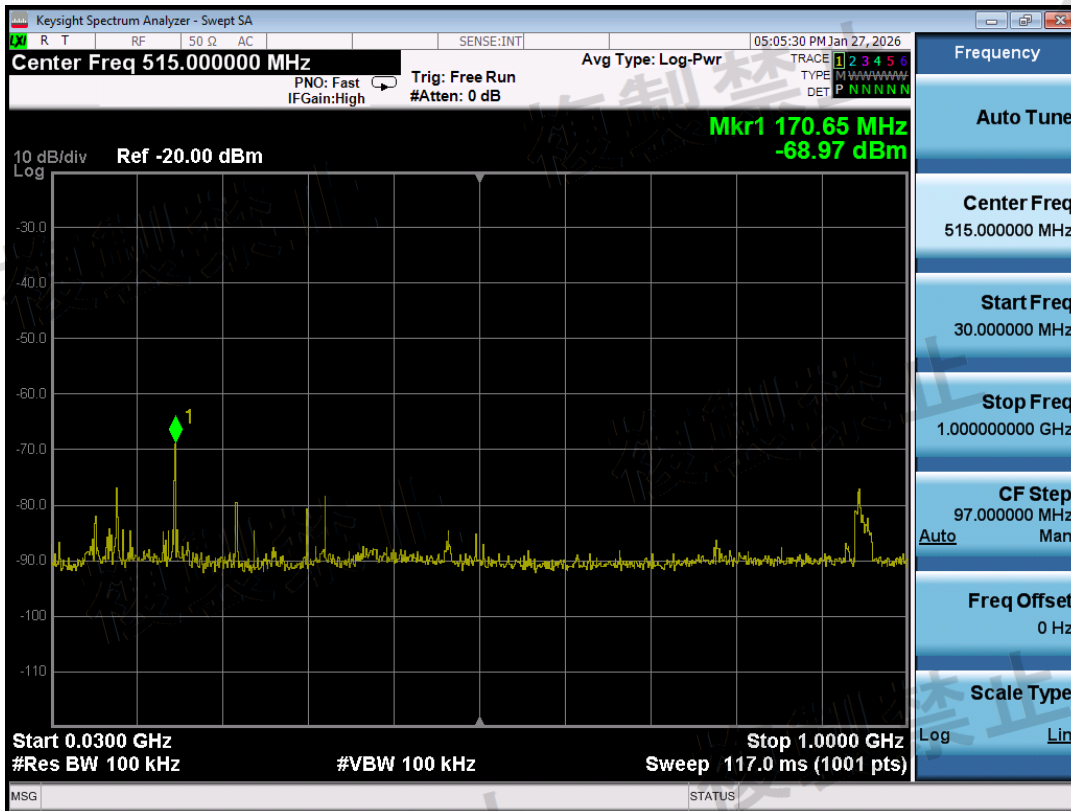
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5580MHz : 1000 ~ 26000MHz



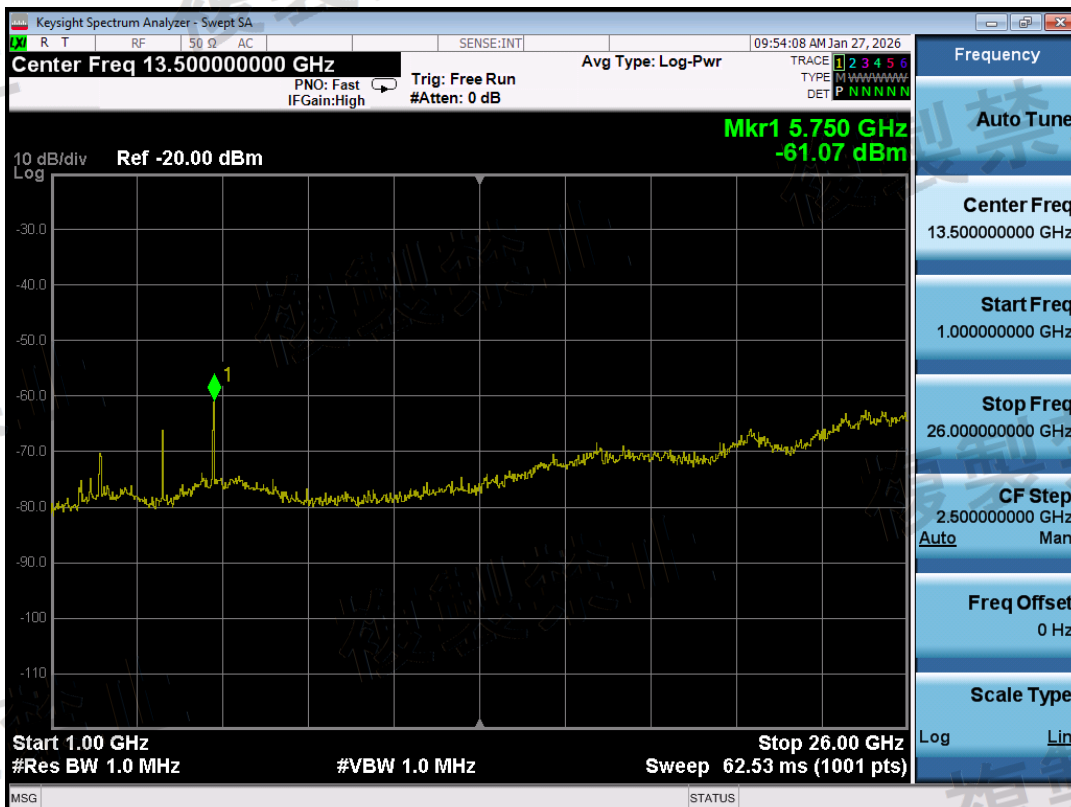
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5580MHz : 1000 ~ 26000MHz _Sample



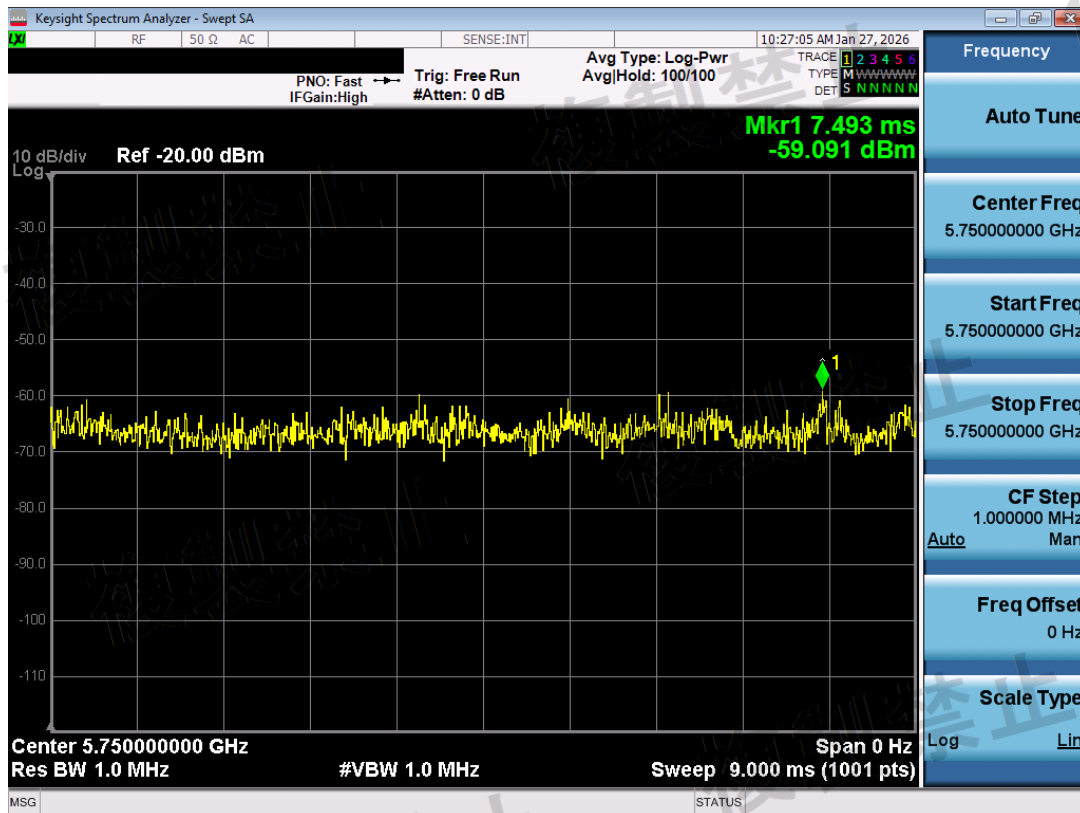
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5700MHz : 30 ~ 1000MHz



Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5700MHz : 1000 ~ 26000MHz



Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5700MHz : 1000 ~ 26000MHz _Sample



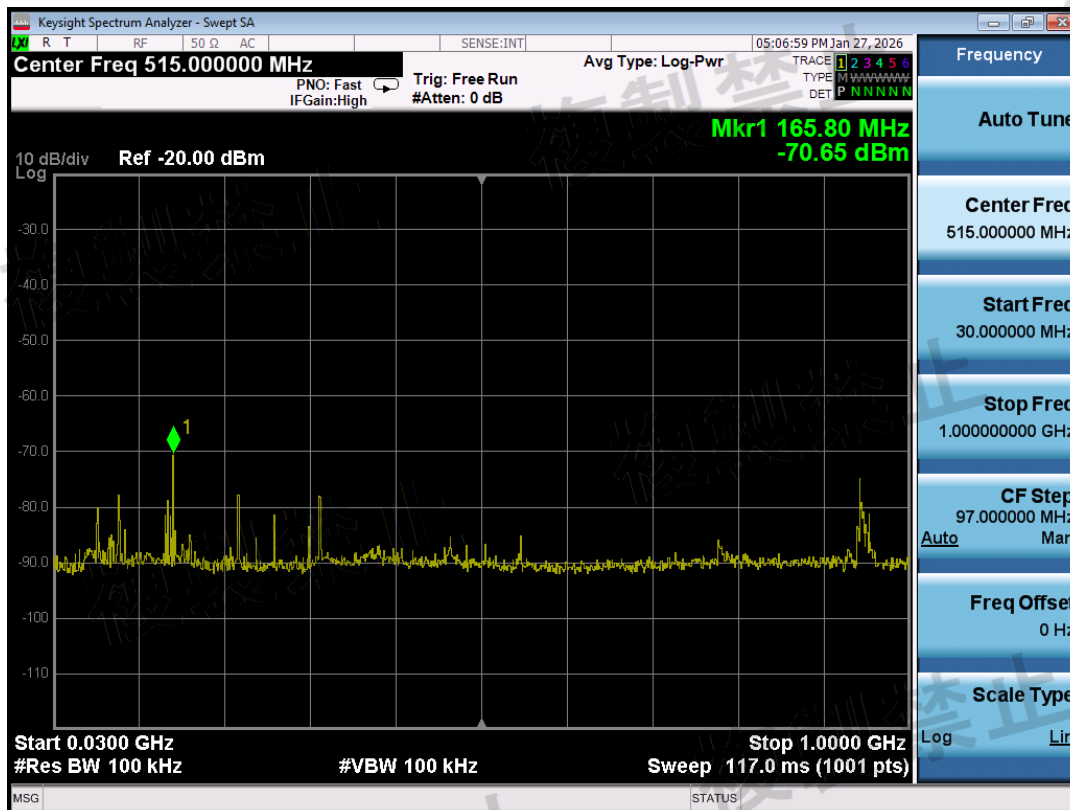
Product : IP CAMERA
Test Item : Receiver Spurious Emissions
Test Mode : Mode 13 : Receiver (802.11ax HE40)
Test Voltage : DC 12V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Limit (nW)	Result
		dBm	nW	dBm	nW		
5190	30 ~ 1000	-69.50	0.1122	--	--	≤ 4	Pass
	1000 ~ 26000	-53.70	4.2658	--	--	≤ 20	Pass
5230	30 ~ 1000	-69.42	0.1143	--	--	≤ 4	Pass
	1000 ~ 26000	-53.08	4.9204	--	--	≤ 20	Pass
5270	30 ~ 1000	-69.46	0.1132	--	--	≤ 4	Pass
	1000 ~ 26000	-53.64	4.3251	--	--	≤ 20	Pass
5310	30 ~ 1000	-69.33	0.1167	--	--	≤ 4	Pass
	1000 ~ 26000	-53.58	4.3853	--	--	≤ 20	Pass
5510	30 ~ 1000	-69.27	0.1183	--	--	≤ 4	Pass
	1000 ~ 26000	-53.23	4.7534	--	--	≤ 20	Pass
5550	30 ~ 1000	-69.39	0.1151	--	--	≤ 4	Pass
	1000 ~ 26000	-53.20	4.7863	--	--	≤ 20	Pass
5670	30 ~ 1000	-69.09	0.1233	--	--	≤ 4	Pass
	1000 ~ 26000	-59.31	1.1722	--	--	≤ 20	Pass

Note:

- (1) Measured Value = Spectrum Reading Value + Cable Loss
- (2) The spectrum plots are attached on the following pages.

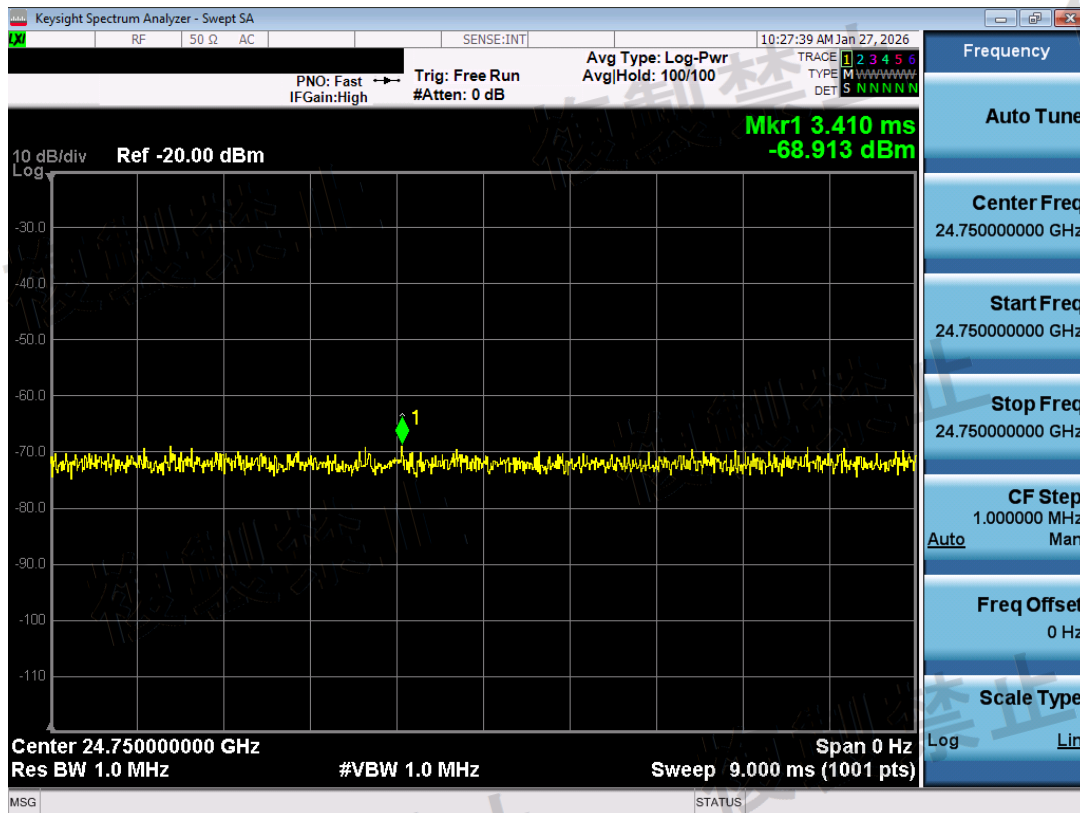
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5190MHz : 30 ~ 1000MHz



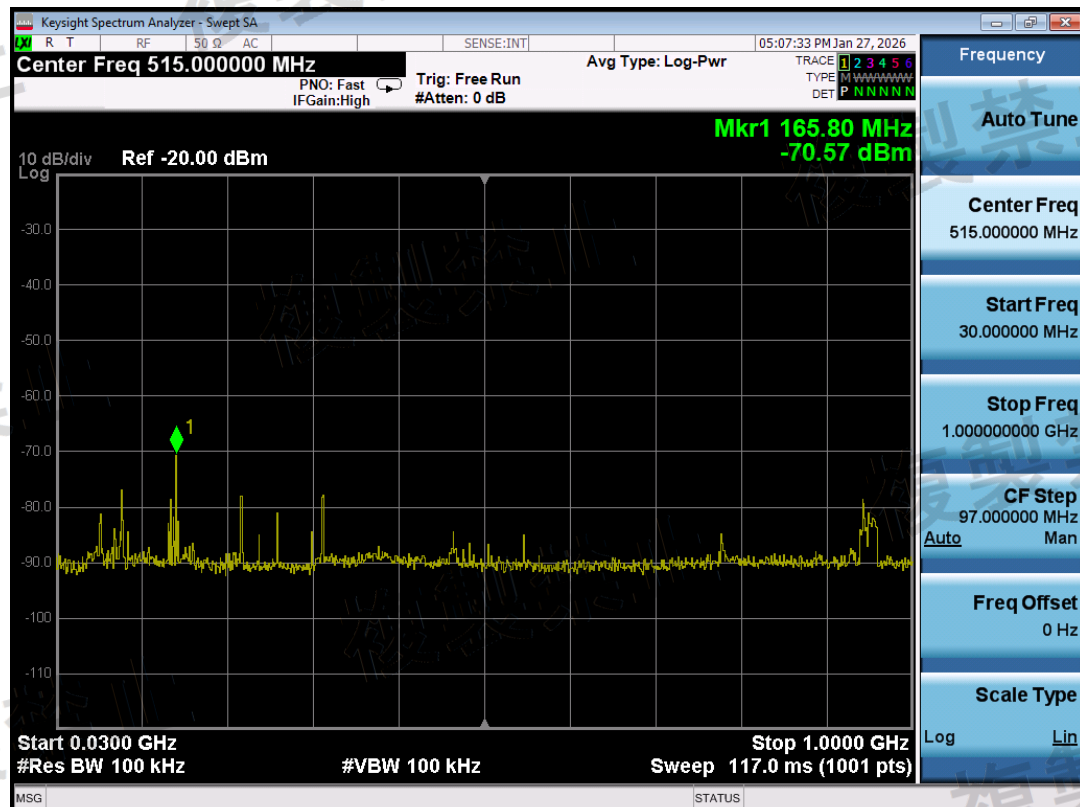
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5190MHz : 1000 ~ 26000MHz



Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5190MHz : 1000 ~ 26000MHz _Sample



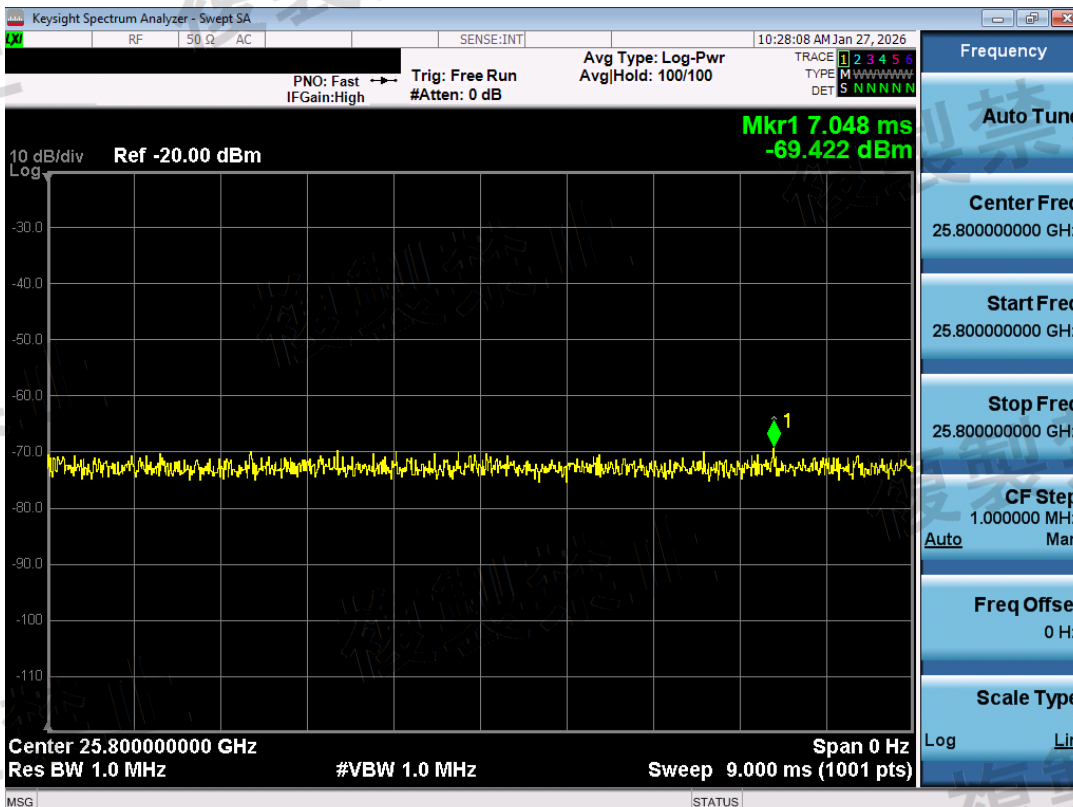
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5230MHz : 30 ~ 1000MHz



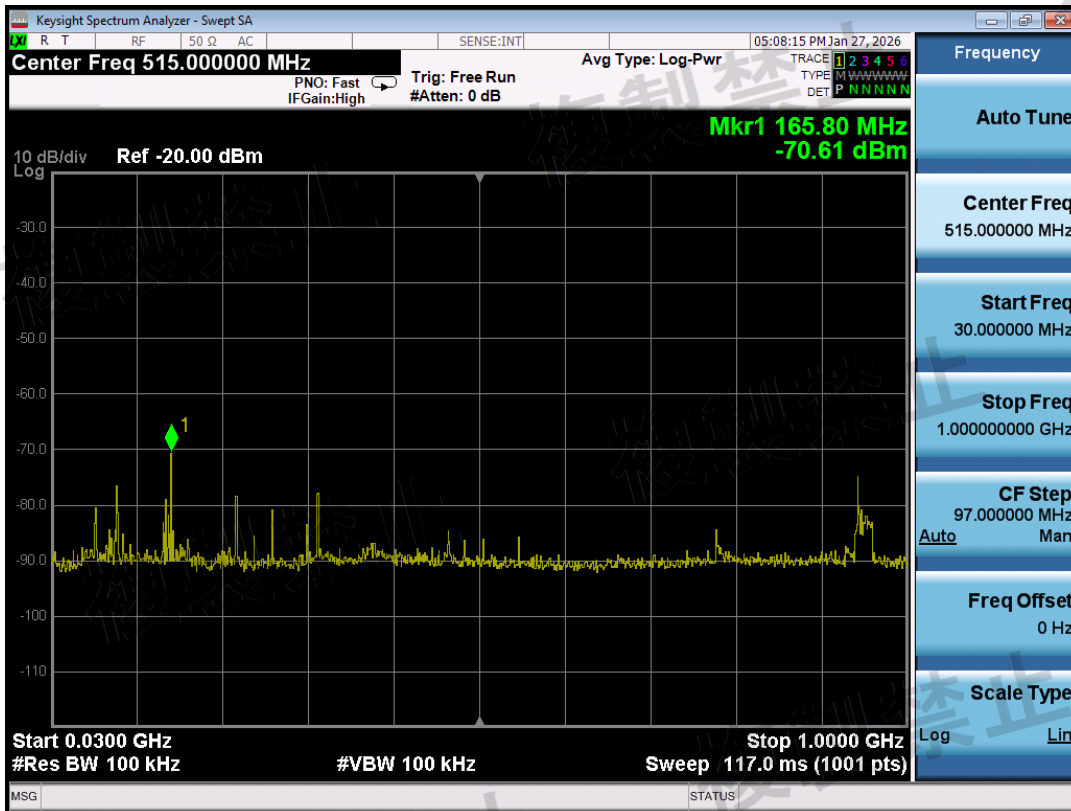
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5230MHz : 1000 ~ 26000MHz



Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5230MHz : 1000 ~ 26000MHz _Sample



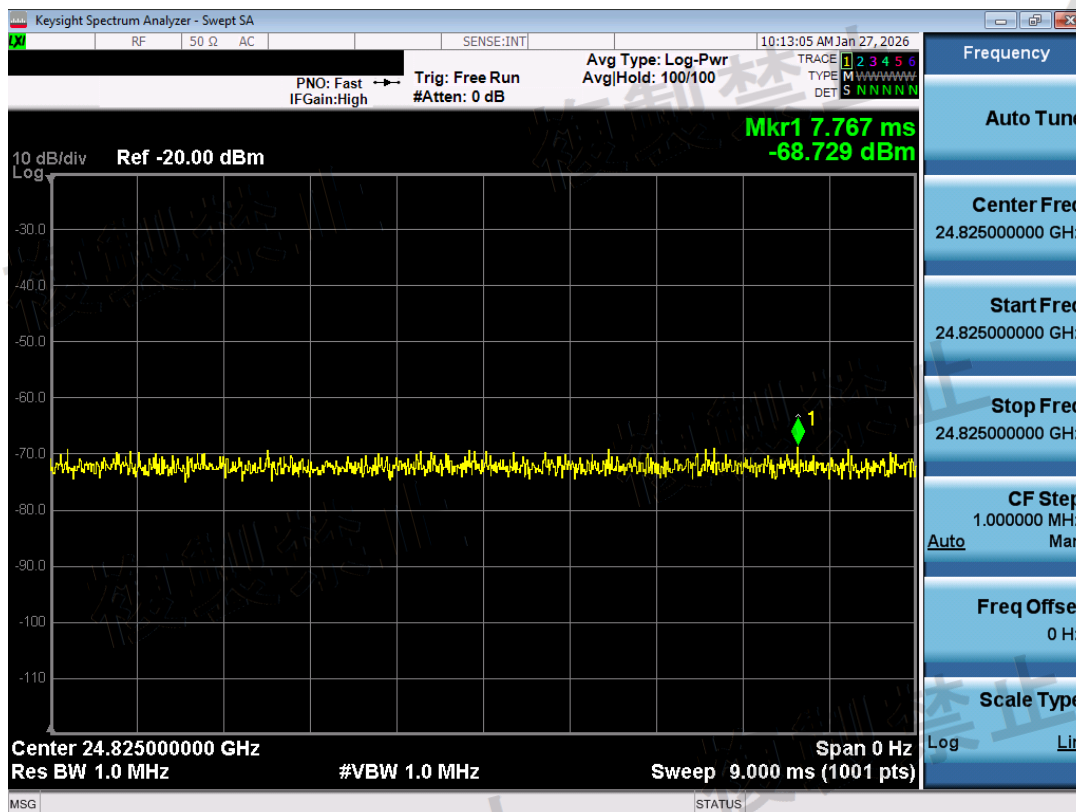
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5270MHz : 30 ~ 1000MHz



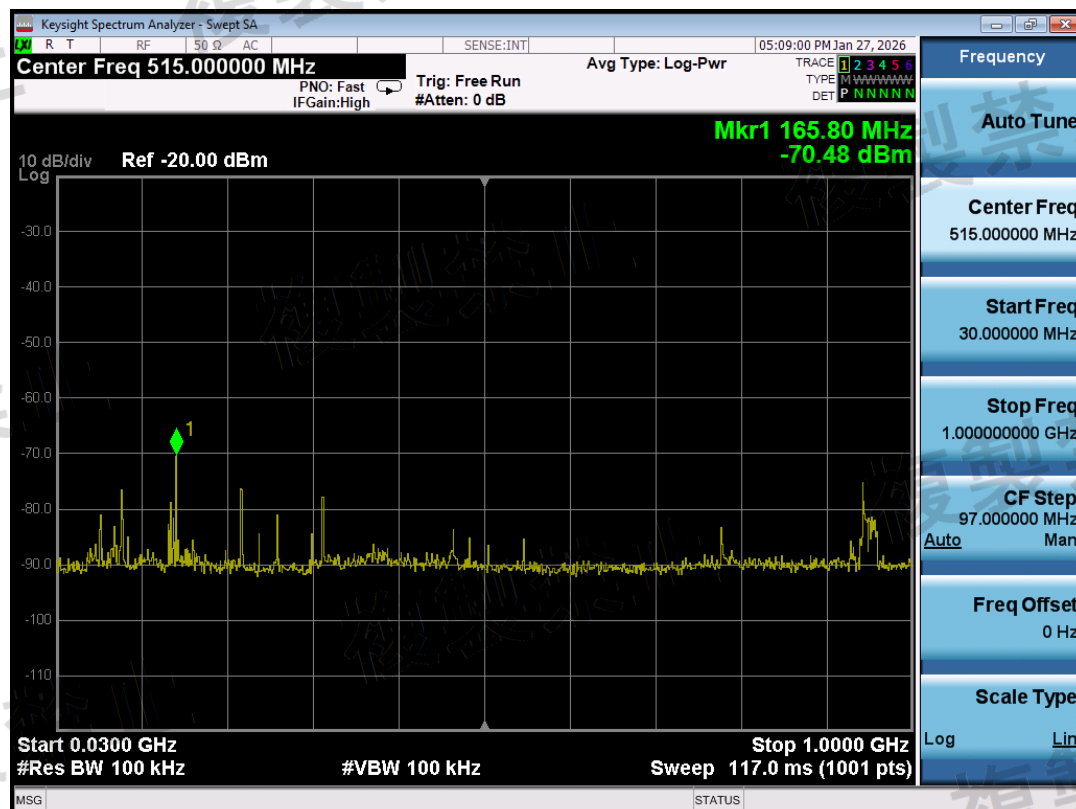
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5270MHz : 1000 ~ 26000MHz



Chain A Mode 13 : Receiver (802.11ax HE40) ; 5270MHz : 1000 ~ 26000MHz Sample



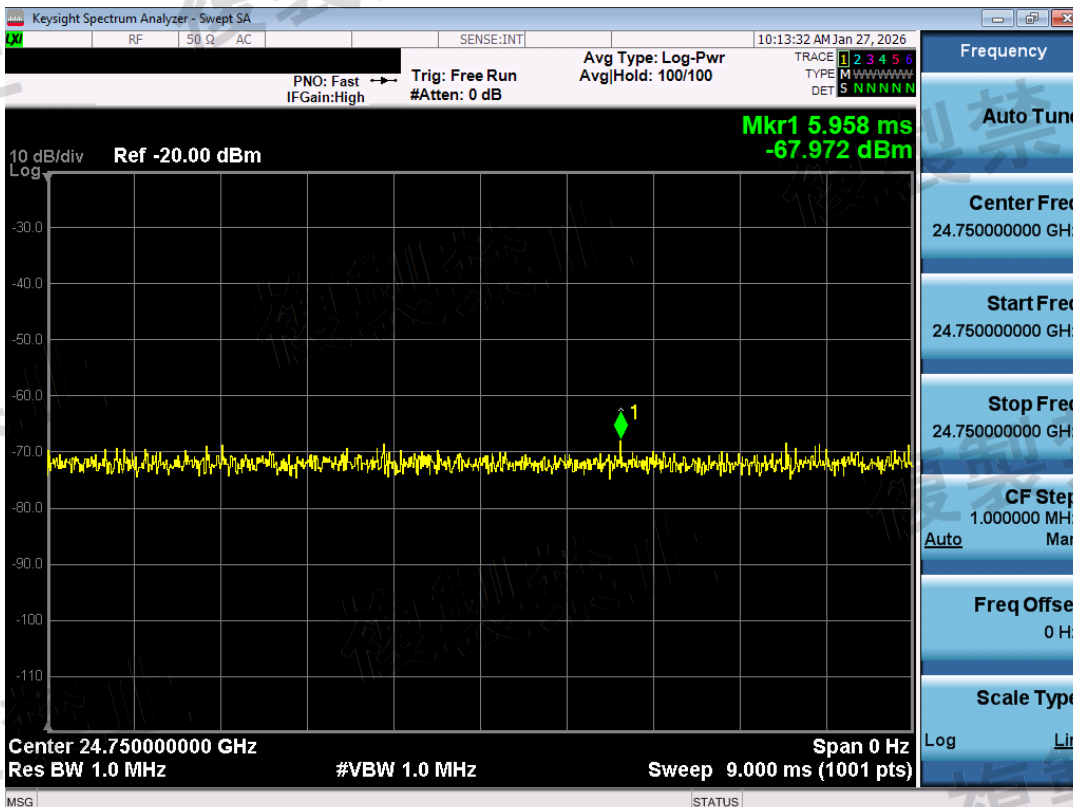
Chain A Mode 13 : Receiver (802.11ax HE40) ; 5310MHz : 30 ~ 1000MHz



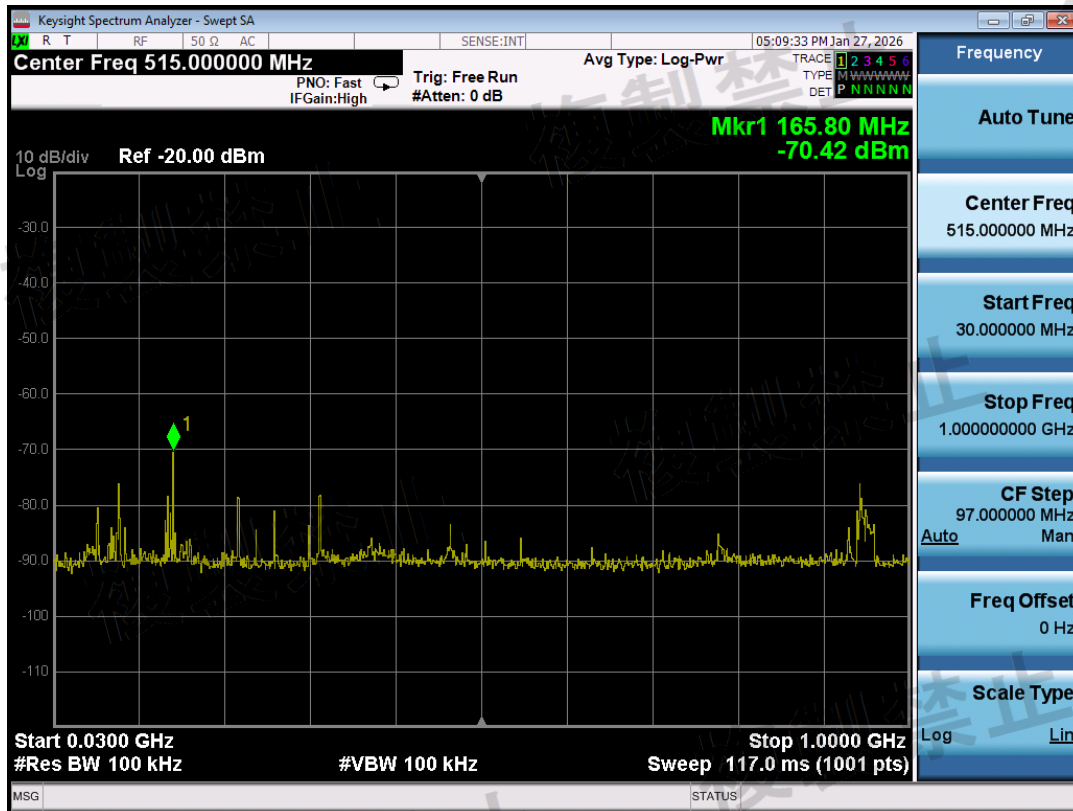
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5310MHz : 1000 ~ 26000MHz



Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5310MHz : 1000 ~ 26000MHz _Sample



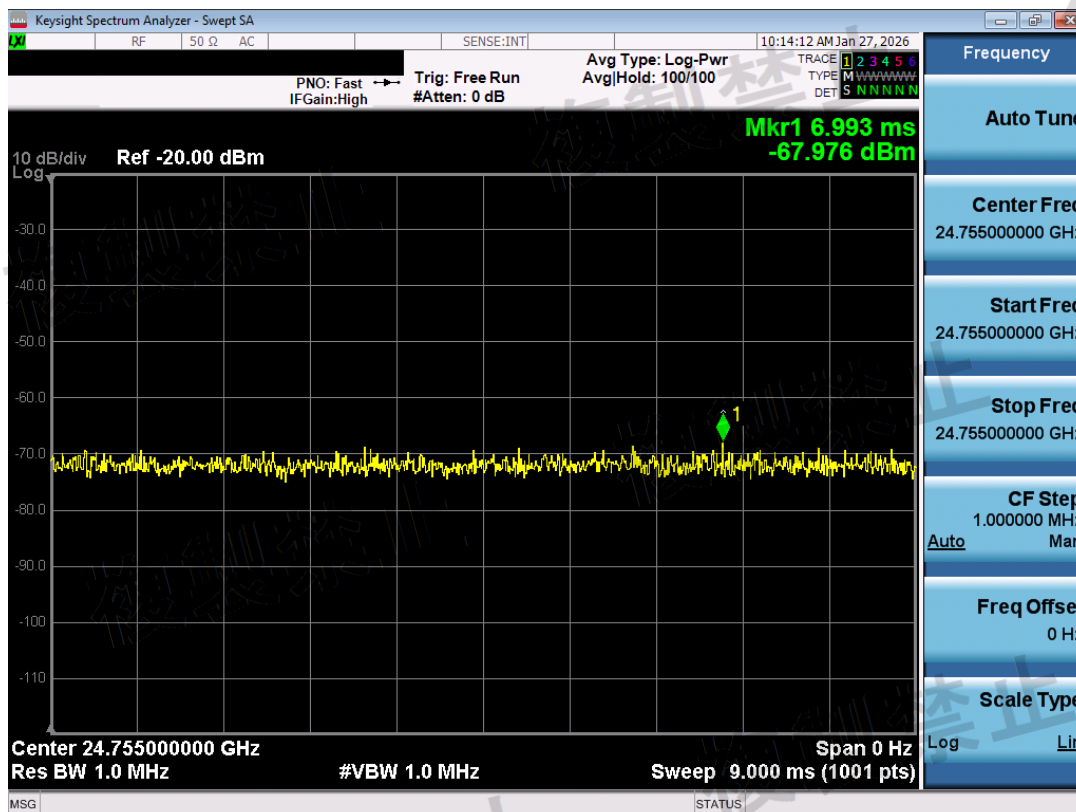
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5510MHz : 30 ~ 1000MHz



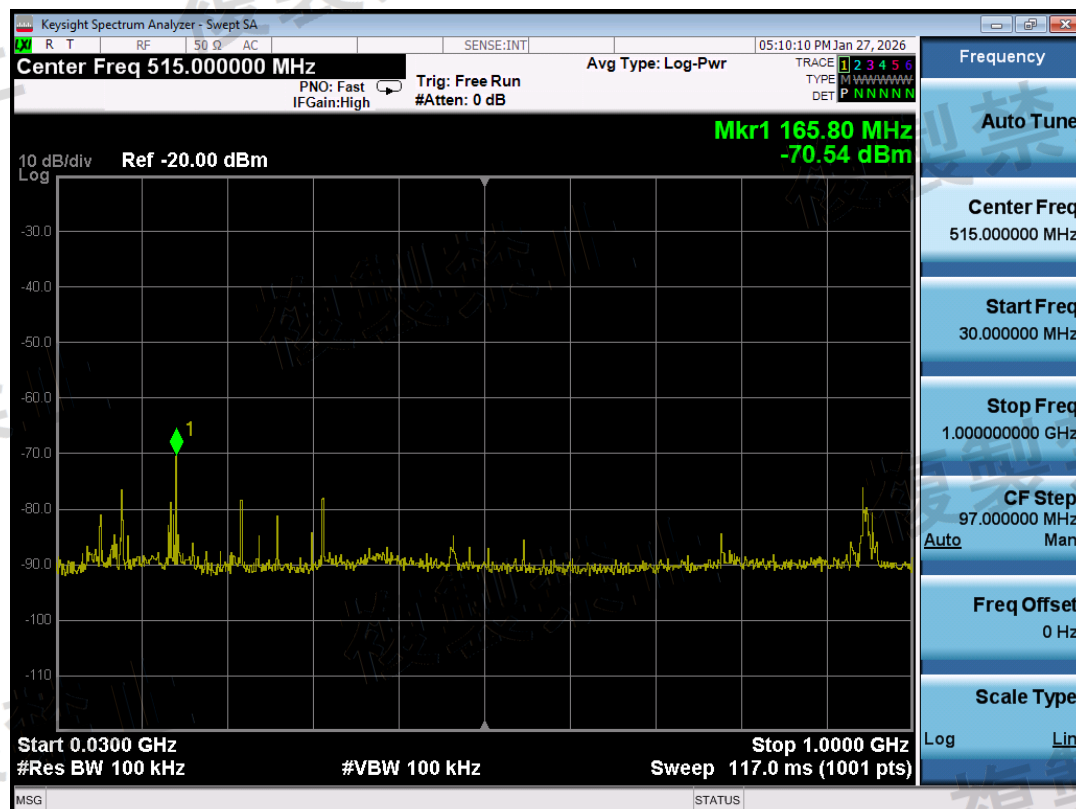
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5510MHz : 1000 ~ 26000MHz



Chain A Mode 13 : Receiver (802.11ax HE40) ; 5510MHz : 1000 ~ 26000MHz Sample



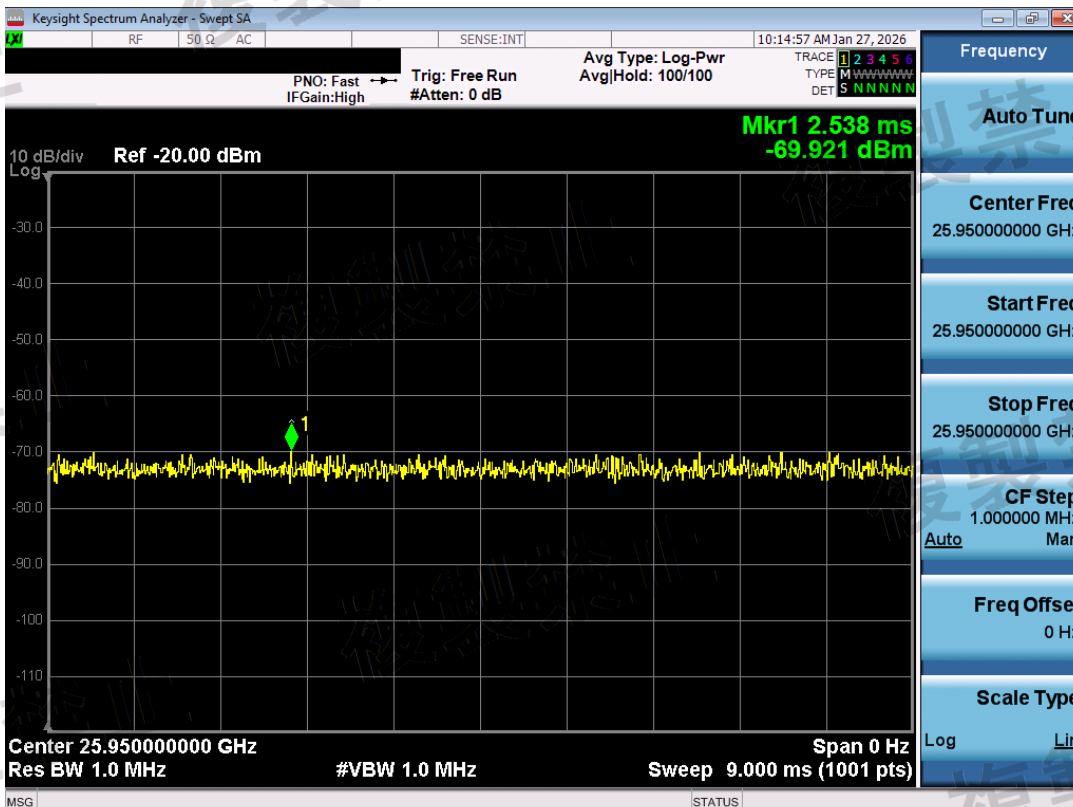
Chain A Mode 13 : Receiver (802.11ax HE40) ; 5550MHz : 30 ~ 1000MHz



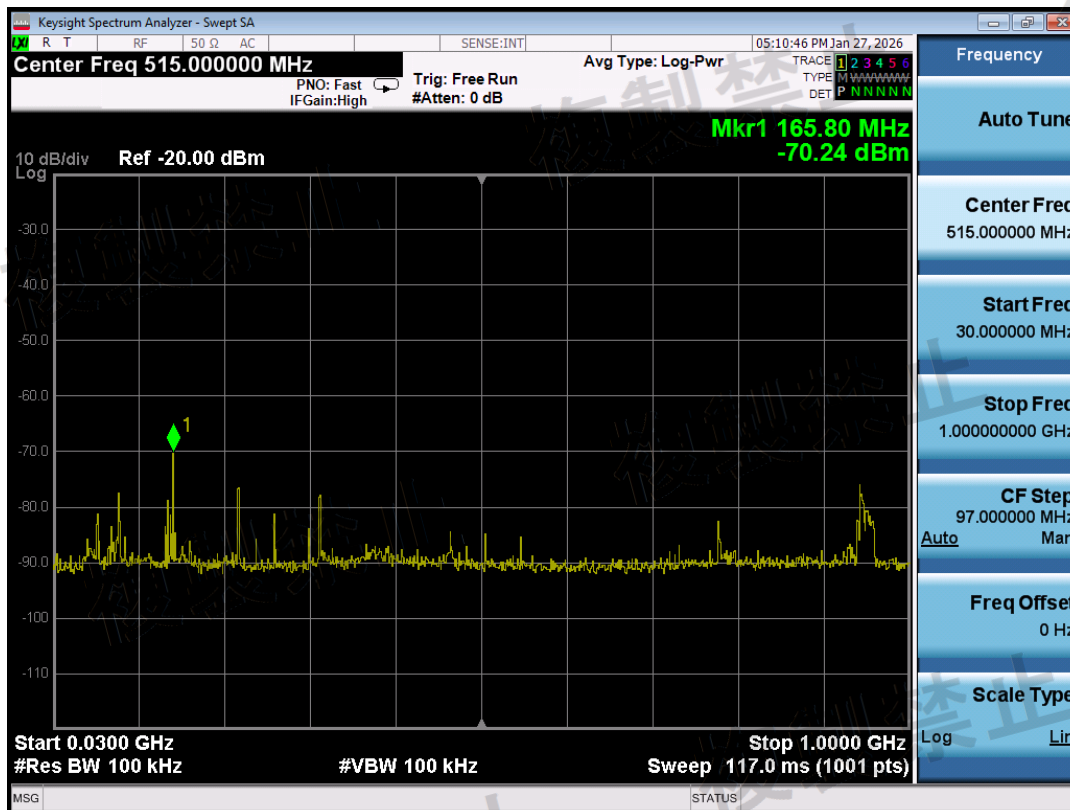
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5550MHz : 1000 ~ 26000MHz



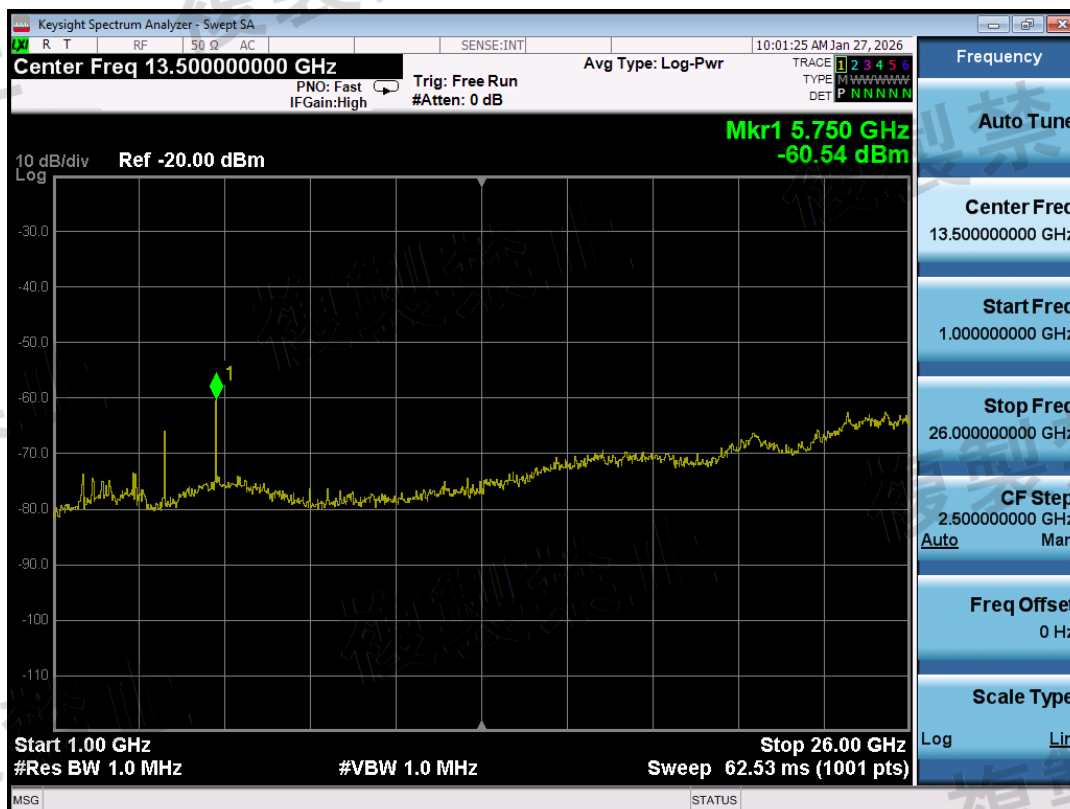
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5550MHz : 1000 ~ 26000MHz _Sample



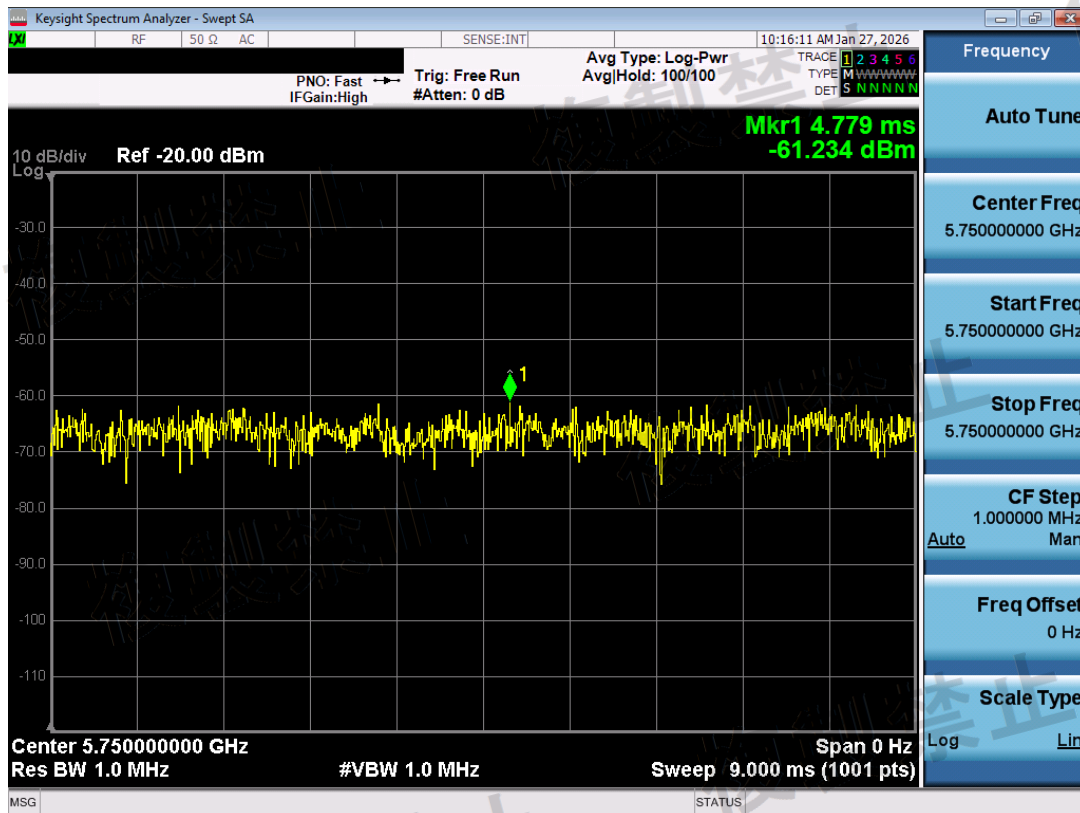
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5670MHz : 30 ~ 1000MHz



Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5670MHz : 1000 ~ 26000MHz



Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5670MHz : 1000 ~ 26000MHz _Sample



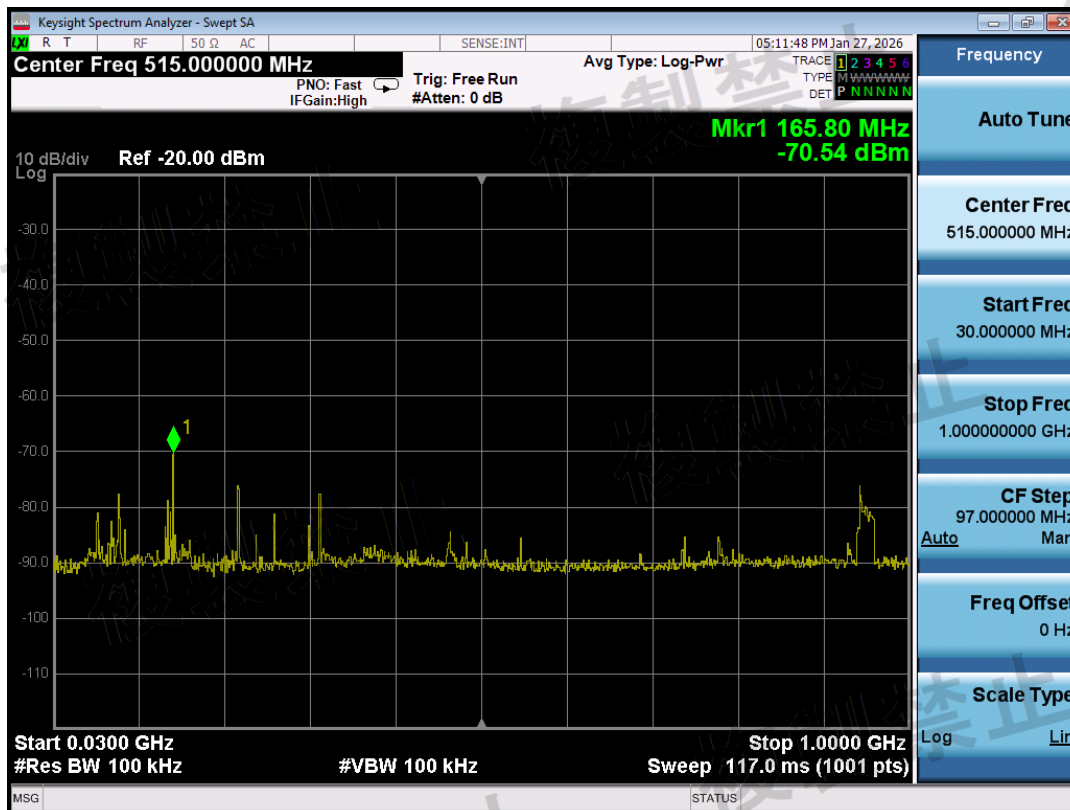
Product : IP CAMERA
Test Item : Receiver Spurious Emissions
Test Mode : Mode 14 : Receiver (802.11ax HE80)
Test Voltage : DC 12V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Limit (nW)	Result
		dBm	nW	dBm	nW		
5210	30 ~ 1000	-69.39	0.1151	--	--	≤ 4	Pass
	1000 ~ 26000	-53.65	4.3152	--	--	≤ 20	Pass
5290	30 ~ 1000	-69.35	0.1161	--	--	≤ 4	Pass
	1000 ~ 26000	-52.90	5.1286	--	--	≤ 20	Pass
5530	30 ~ 1000	-69.40	0.1148	--	--	≤ 4	Pass
	1000 ~ 26000	-52.68	5.3951	--	--	≤ 20	Pass
5610	30 ~ 1000	-69.50	0.1122	--	--	≤ 4	Pass
	1000 ~ 26000	-52.96	5.0582	--	--	≤ 20	Pass

Note:

- (1) Measured Value = Spectrum Reading Value + Cable Loss
- (2) The spectrum plots are attached on the following pages.

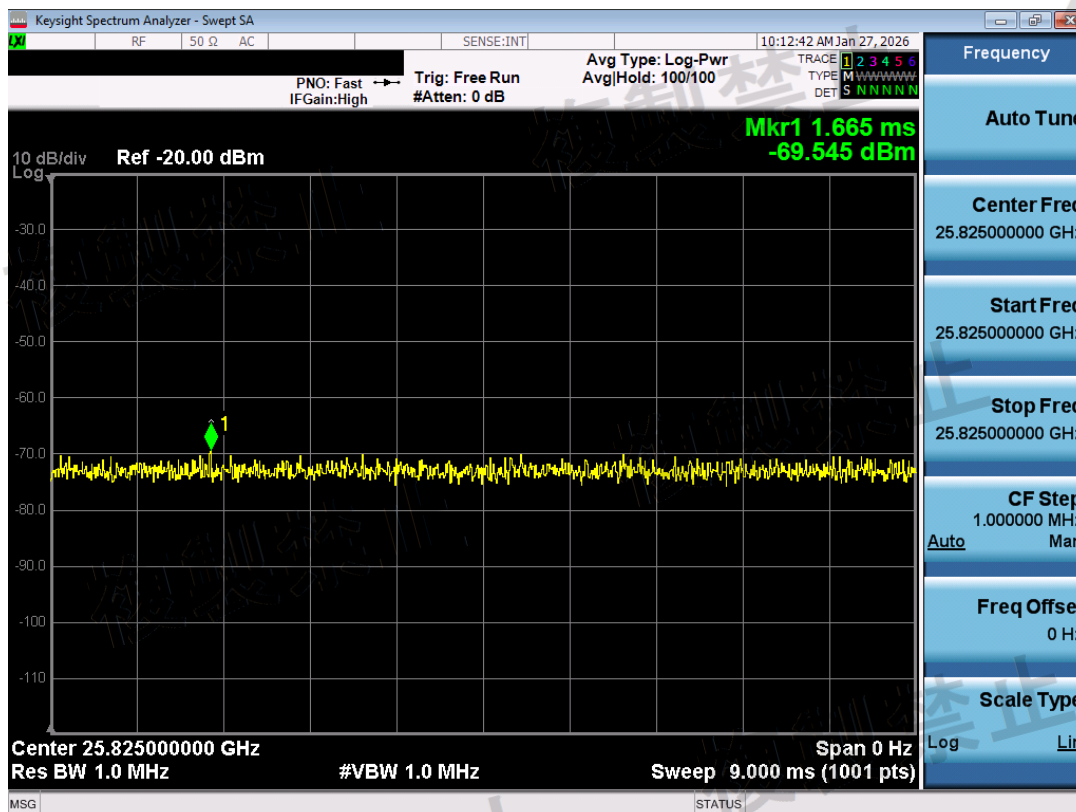
Chain A_Mode 14 : Receiver (802.11ax HE80) ; 5210MHz : 30 ~ 1000MHz



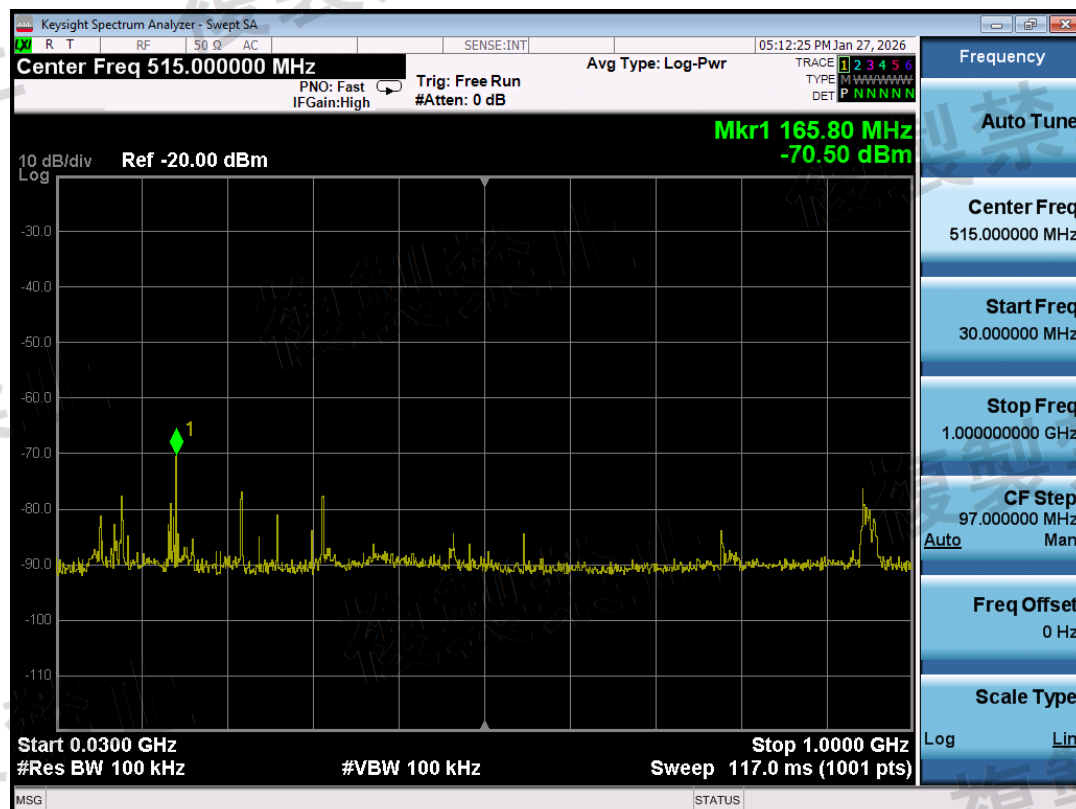
Chain A_Mode 14 : Receiver (802.11ax HE80) ; 5210MHz : 1000 ~ 26000MHz



Chain A Mode 14 : Receiver (802.11ax HE80) ; 5210MHz : 1000 ~ 26000MHz Sample



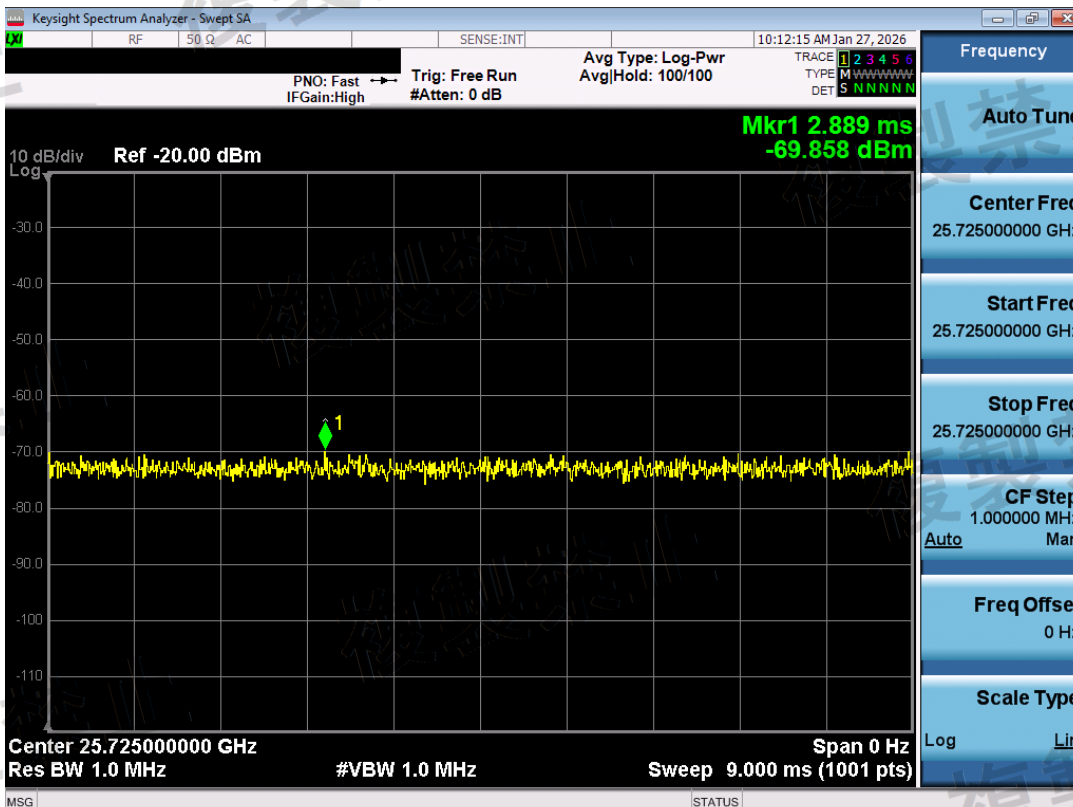
Chain A Mode 14 : Receiver (802.11ax HE80) ; 5290MHz : 30 ~ 1000MHz



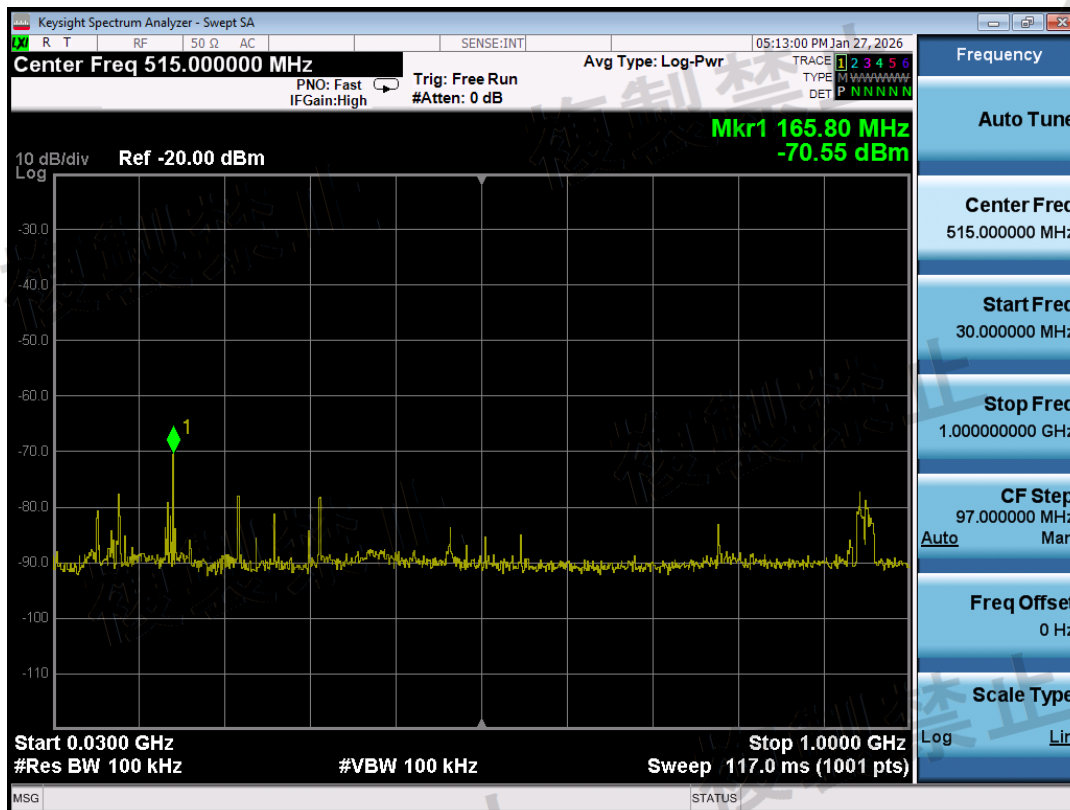
Chain A_Mode 14 : Receiver (802.11ax HE80) ; 5290MHz : 1000 ~ 26000MHz



Chain A_Mode 14 : Receiver (802.11ax HE80) ; 5290MHz : 1000 ~ 26000MHz _Sample



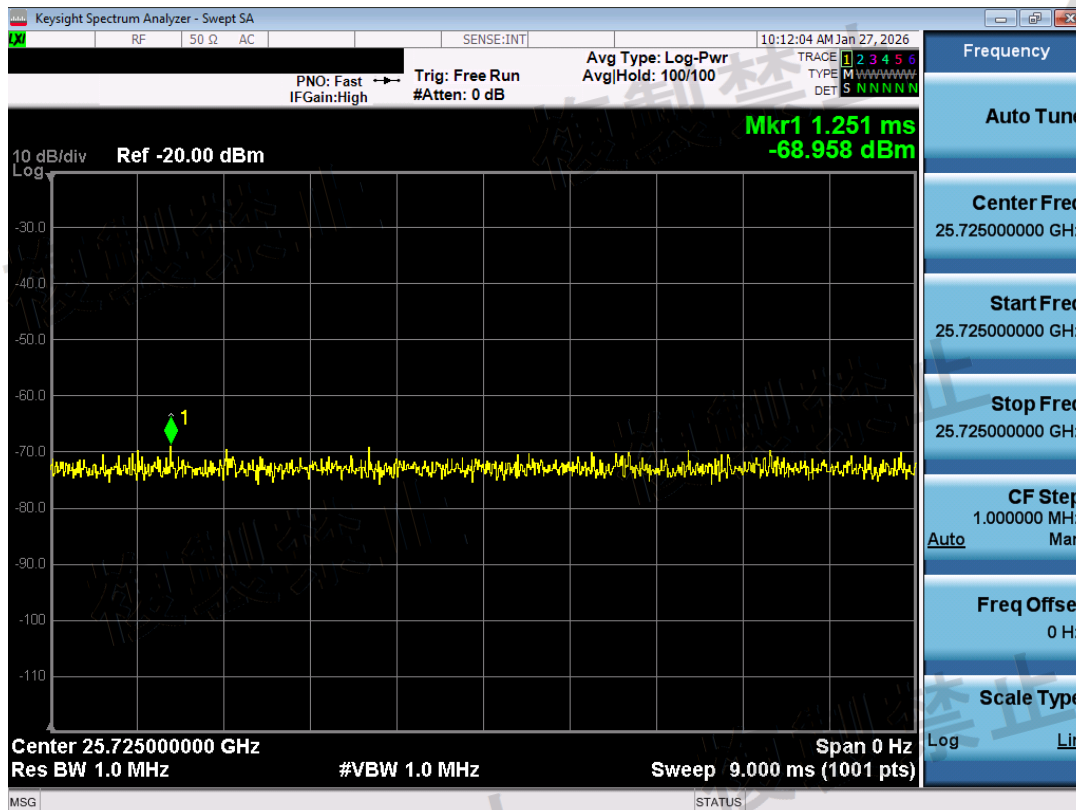
Chain A_Mode 14 : Receiver (802.11ax HE80) ; 5530MHz : 30 ~ 1000MHz



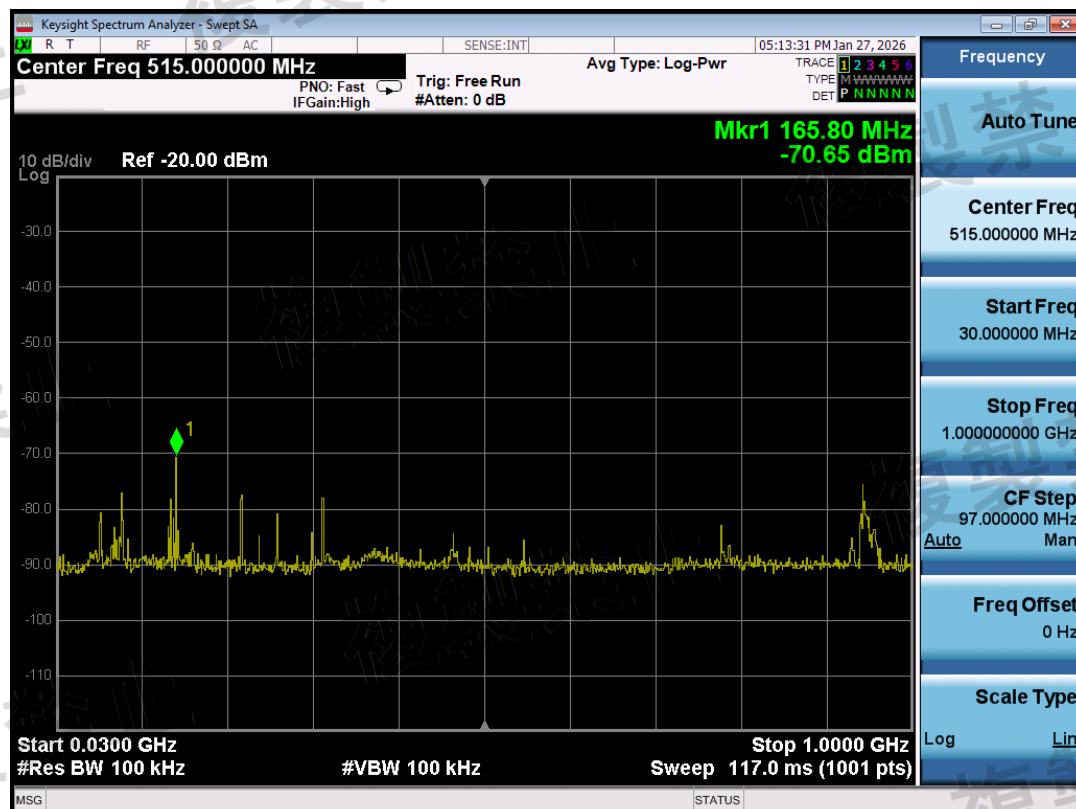
Chain A_Mode 14 : Receiver (802.11ax HE80) ; 5530MHz : 1000 ~ 26000MHz



Chain A_Mode 14 : Receiver (802.11ax HE80) ; 5530MHz : 1000 ~ 26000MHz _Sample



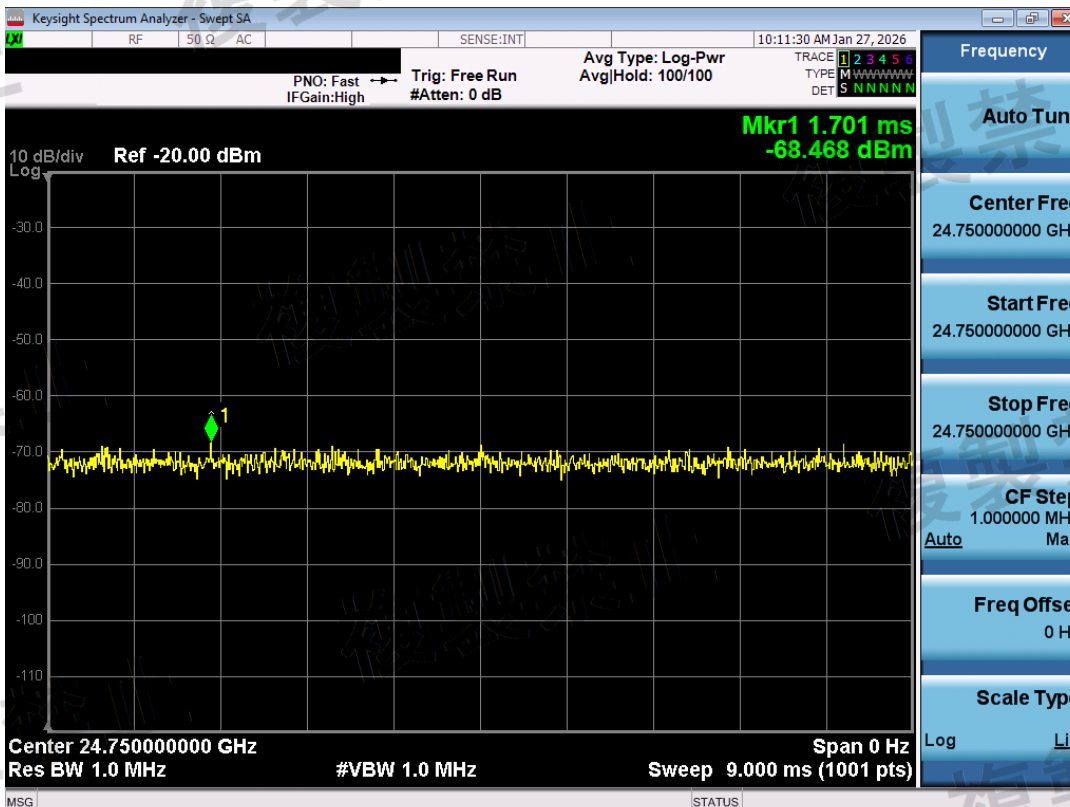
Chain A_Mode 14 : Receiver (802.11ax HE80) ; 5610MHz : 30 ~ 1000MHz



Chain A_Mode 8 : Receiver (802.11a) ; 5610MHz : 1000 ~ 26000MHz



Chain A_Mode 8 : Receiver (802.11a) ; 5610MHz : 1000 ~ 26000MHz _Sample

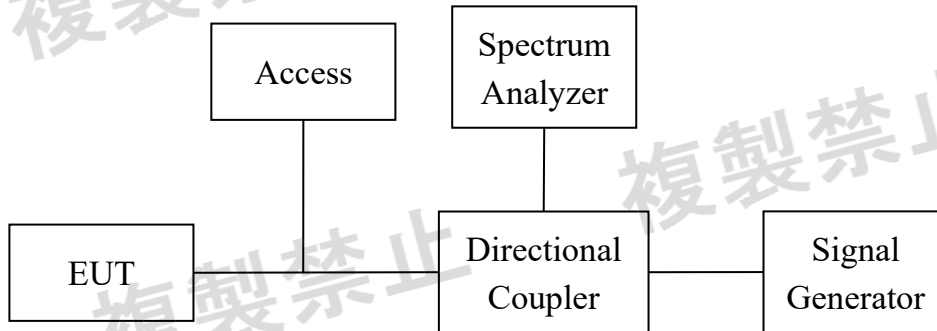


2.8 Carrier Sensing Measurement

2.8.1 Limit

Stop transmission while Carrier detecting.

2.8.2 Test Setup

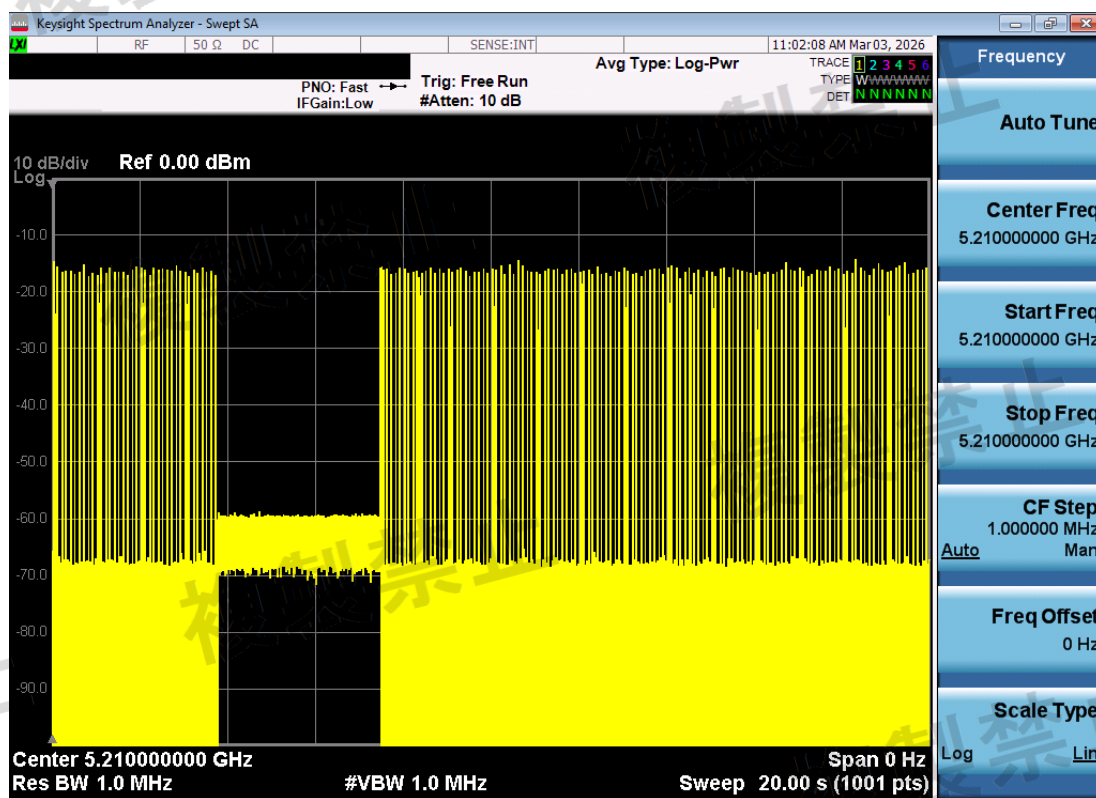


2.8.3 Test Procedure

1. Link EUT and Access Point to Directional Coupler input port.
2. Link Signal Generator and Spectrum Analyzer to test port and output port in the Directional Coupler separately.
3. A positive Peak Detector function in Spectrum Analyzer must be used.
4. Set the Span to Zero.
5. Press the Signal Generator on and it will output the Carrier Signal. When the Link breaks off, wait a minute and press the Signal Generator off. After a while, reset the Link and done the test.

2.8.4 Test Result

Product	: IP CAMERA
Test Item	: Carrier Sensing
Test Mode	: Mode 4 : Transmit (802.11ac VHT80)
Test Freq.	: 802.11ac(VHT80)_5210MHz
Test Date	: 2026/03/03



Signal Generator Power Level (dBm) = $22.79 + G - 20\log(F)$

G: Antenna Gain

F: operation frequency

Power Level = $22.79 + 2.57 - 20\log(5210\text{MHz})$

= -49.98 dBm

2.9 Interference Prevention Function

2.9.1 Limit

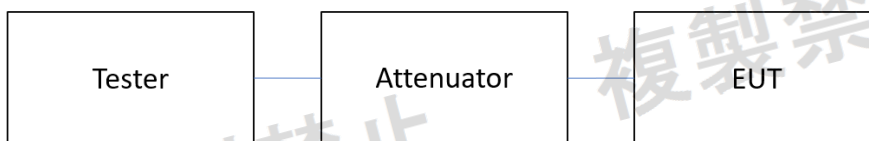
Item	Limit
Identification code	≥ 48 bits

2.9.2 Test Setup

- (1) When sending an identification code



- (2) When receiving an identification code



2.9.3 Test Procedure

Test method: According to Notification No. 88 of MIC, 2004, Annex 45(Interference Prevention Function)

1. When EUT has a function to automatically transmit an identification code
 - (a) Transmit the identification code specified in the Equipment Regulations from the test equipment.
 - (b) Check the identification code sent by the demodulator.
2. When the test equipment has a function to automatically receive the identification code
 - (a) Transmit the identification code specified in the Equipment Regulations from the counterpart device.
 - (b) Confirm that communication is performed with the EUT using the dedicated jig.
 - (c) Transmit a code different from the identification code specified in the Equipment Regulations from the counterpart device.
 - (d) Confirm that EUT stops transmission or displays that the identification code is different.

2.9.4 Test Result

The Mac Address is 84:FC:14:24:E7:DC

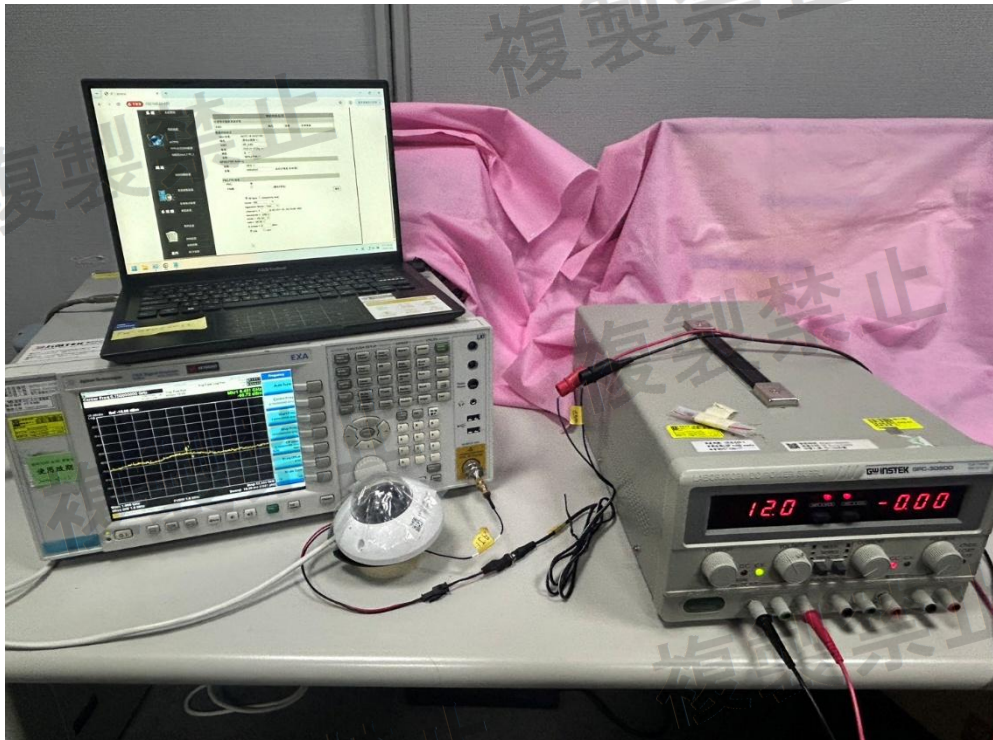
		IP_Camera	192.168.50.246	DHCP	84:FC:14:24:E7:DC	
---	---	-----------	----------------	------	-------------------	---

2.10 EMI Reduction Method During Compliance Testing

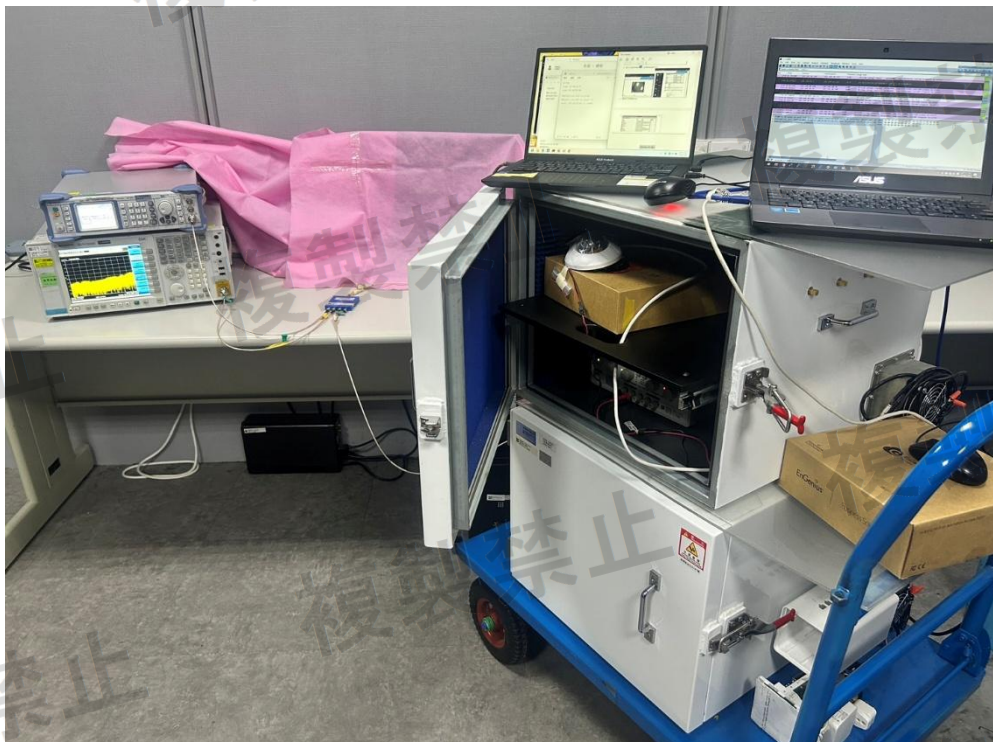
No modification was made during testing.

Attachment 1: Photographs of the Test Configuration

Spectrum Measurement



Carrier Sensing



--- END ---