

Test result and instruments about Type certificate

WiFi 2.4G 11n

1. General

Model name	RM5722	Date	2019/10/2
Serial number	-	Place	SGS Hong Kong Ltd.
Class of emissions, Assigned frequency and Antenna power	G1D,D1D 2412-2472MHz(5MHz step 13ch) 0.009W/MHz	Remarks	WiFi 11n(HT20) MCS0

2. Measuring Instruments

Equipment type	Model number	Serial number	Manufacturer	Calibrated Date	Calibration Authority	Remarks
Signal Analyzer	FSV40	101418	ROHDE & SCHWARZ	2019/8/21	DKD (c)	

3. Test Result

Condition	Test Items *3	Unit	Normal Voltage + 10% (5.5 V)			Normal Voltage (5 V)			Normal Voltage - 10% (4.5 V)			Judgment	Limit	Remarks	
			2412	2442	2472	2412	2442	2472	2412	2442	2472				
Normal (24.5° C, 56 %)	Frequency	MHz	2411.996	2441.996	2471.995	2411.996	2441.996	2471.995	2411.996	2441.996	2471.995	Pass	50ppm		
		ppm	-1.66	-1.64	-2.02	-1.66	-1.64	-2.02	-1.66	-1.64	-2.02				
	Occupied Bandwidth		MHz	17.86	17.86	17.80	17.86	17.86	17.80	17.86	17.86	17.80	Pass	26MHz	
	Spurious	30MHz-2387MHz	dBm	-45.83	-46.24	-45.63	-43.90	-46.23	-47.82	-44.86	-47.64	-46.21	Pass	-26dBm	
			MHz	2386.340	2367.430	2369.400	2381.100	2355.200	2385.800	2380.410	2383.600	2357.100			
		2387MHz-2400MHz	dBm	-19.35	-46.21	-45.97	-19.97	-46.04	-46.39	-20.47	-45.30	-46.18	Pass	-16dBm	
			MHz	2399.970	2389.670	2399.470	2399.968	2399.760	2389.190	2399.736	2399.462	2395.640			
		2483.5MHz-2496.5MHz	dBm	-45.79	-44.36	-19.41	-44.64	-46.63	-18.50	-44.31	-46.75	-18.46	Pass	-16dBm	
			MHz	2490.378	2490.234	2482.964	2491.649	2490.169	2483.532	2490.781	2490.148	2482.473			
		2496.5MHz-12.5GHz	dBm	-42.67	-41.36	-44.78	-39.74	-41.82	-44.33	-39.64	-41.37	-44.43	Pass	-26dBm	
			MHz	4817.630	4874.600	4948.100	4819.500	4879.500	4949.500	4873.600	4871.600	4976.300			
	Antenna Power		W/MHz	0.0089	0.0085	0.0084	0.0089	0.0084	0.0085	0.0085	0.0085	0.0082	Pass	0.01W/MHz +20 ~ -80%	
			%	-12.8	-6.1	-6.9	-0.7	-6.5	-5.4	-6.1	-5.2	-9.1			
	Secondary Radiated Emissions	30MHz-1GHz	dBm	-71.64	-73.48	-72.08	-72.35	-72.97	-73.06	-72.46	-73.04	-71.48	Pass	-54dBm	
			MHz	742.720	742.720	742.720	742.720	742.720	742.720	742.720	742.720	742.720			
		1GHz-12.5GHz	dBm	-61.73	-62.43	-61.34	-62.63	-61.74	-61.12	-63.61	-62.41	-61.14	Pass	-47dBm	
			MHz	9563.000	9671.000	9874.000	9645.000	9771.000	9886.000	9341.000	9843.000	9848.000			
	Interference prevention function							OK					Pass		

Data Rate	Power
MCS0	0.0089 W/MHz
MCS1	0.0089 W/MHz
MCS2	0.0089 W/MHz
MCS3	0.0088 W/MHz
MCS4	0.0088 W/MHz
MCS5	0.0088 W/MHz
MCS6	0.0087 W/MHz
MCS7	0.0086 W/MHz

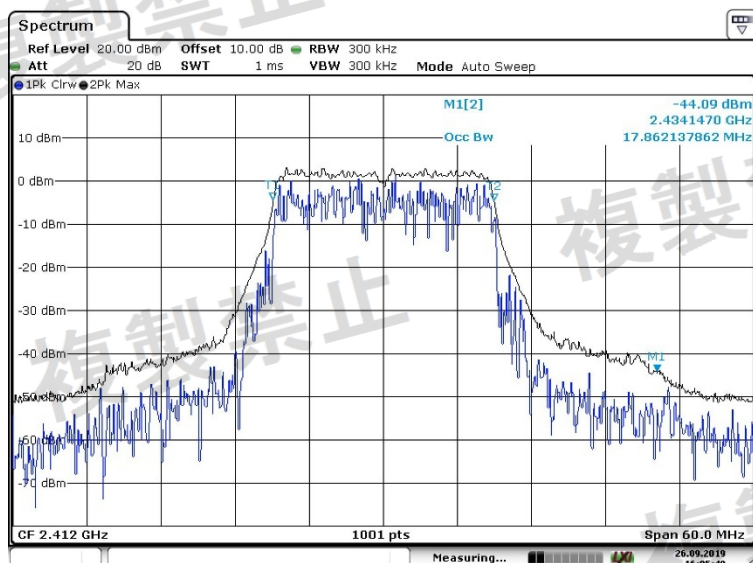
*1 Please describe the relevant clause in the remarks column. (Either of (a) ~ (d) of 2 paragraph 4 of Article 24 of the Radio Law)

*2 Please describe test frequencies (Low, Middle, High).

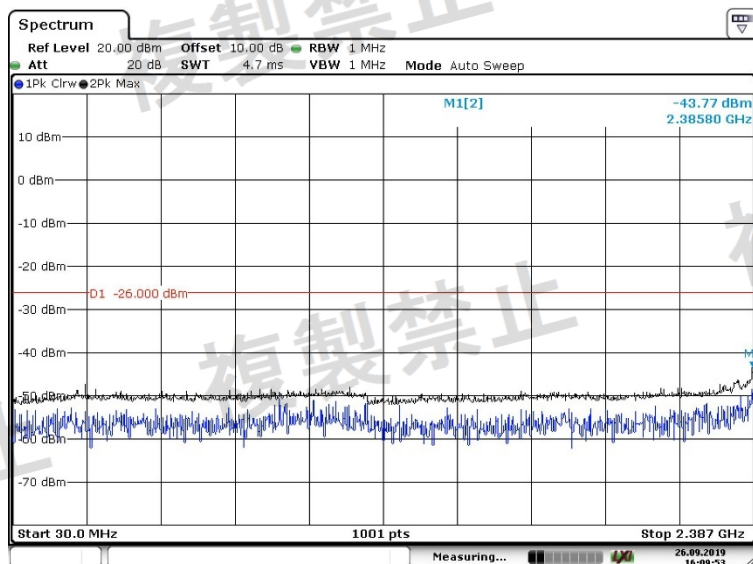
*3 Please describe the frequencies and regulations according to system.

11n(HT20)

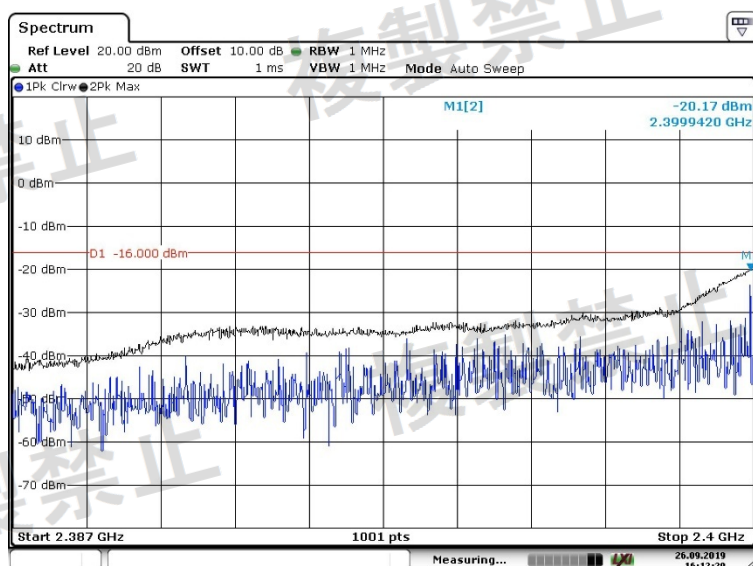
2412MHz



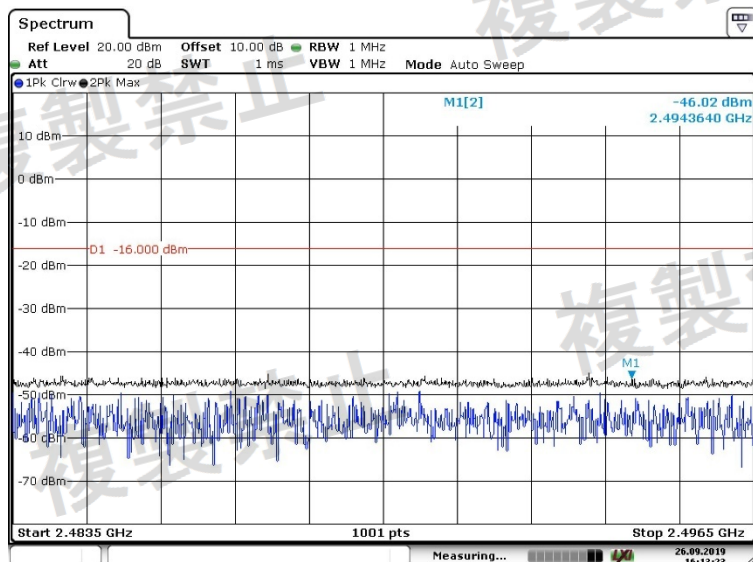
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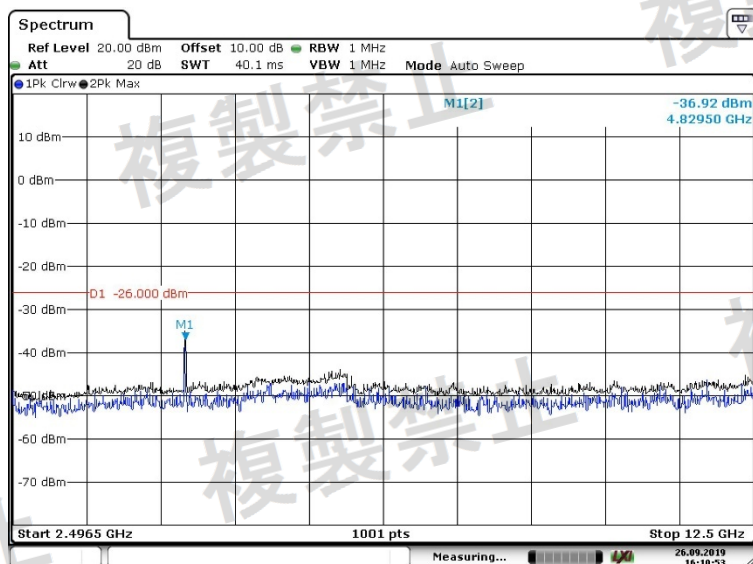
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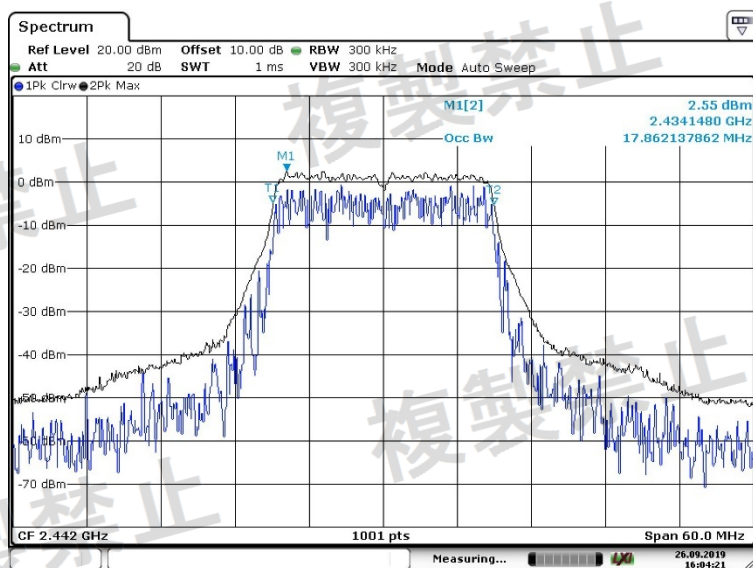


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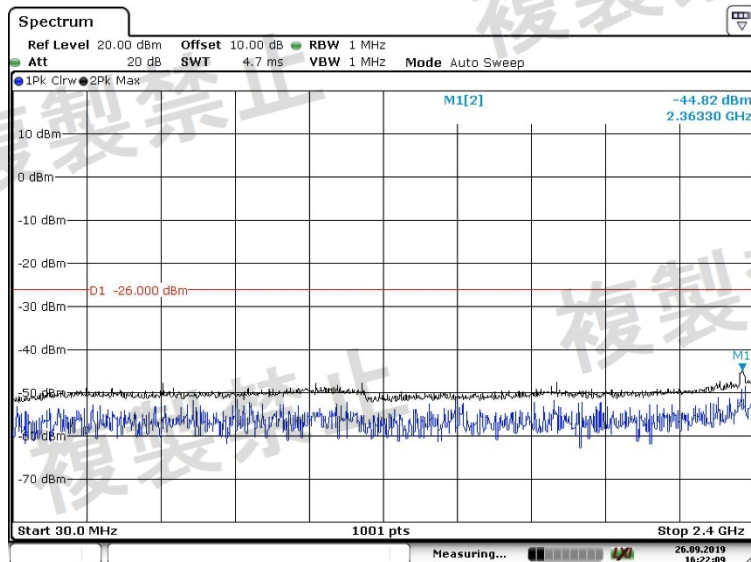


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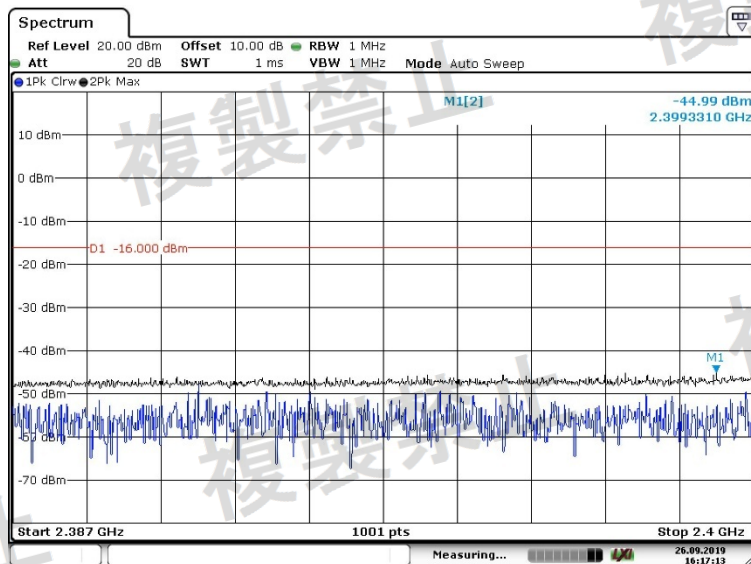
2442MHz



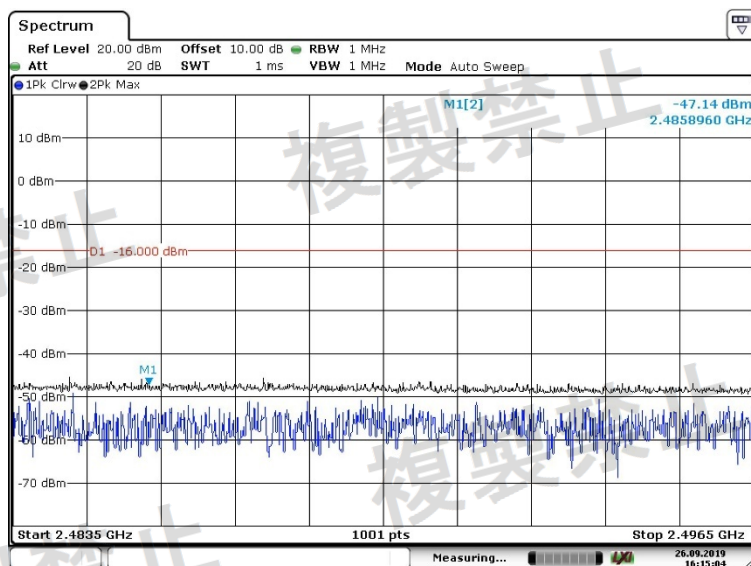
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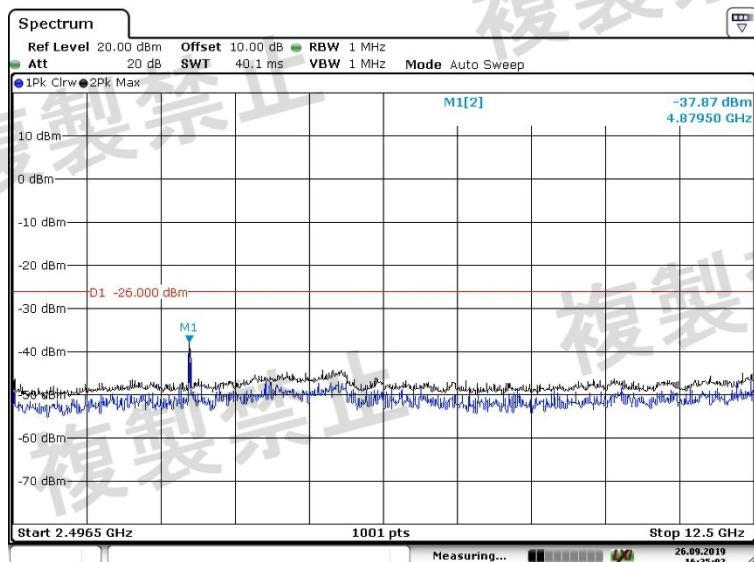
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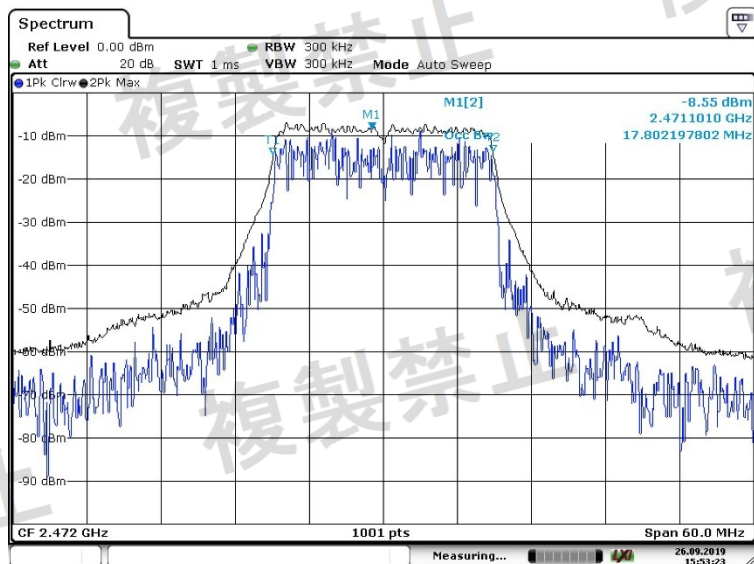


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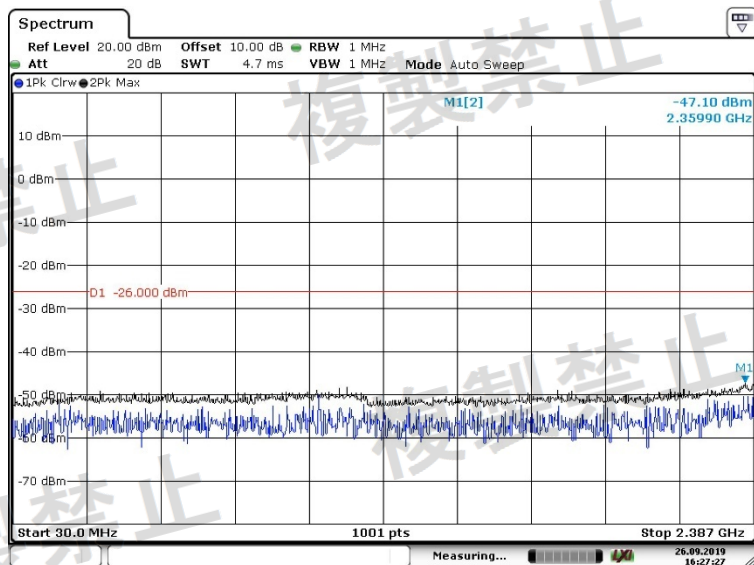


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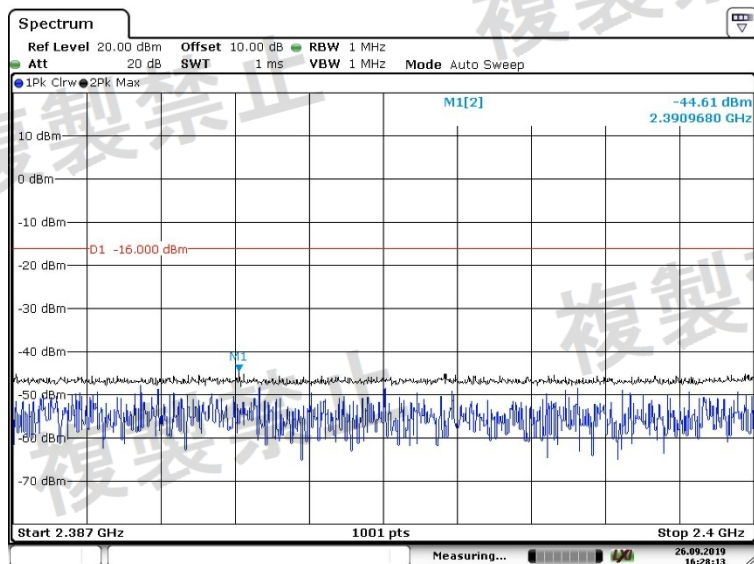
2472MHz



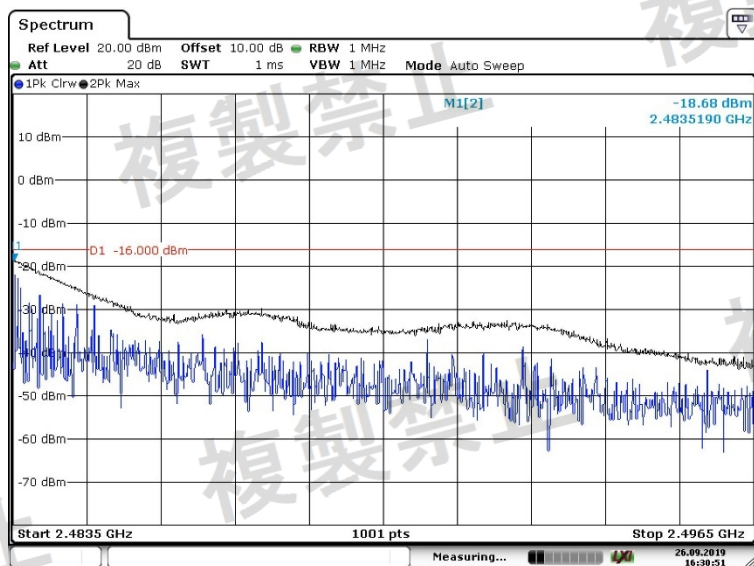
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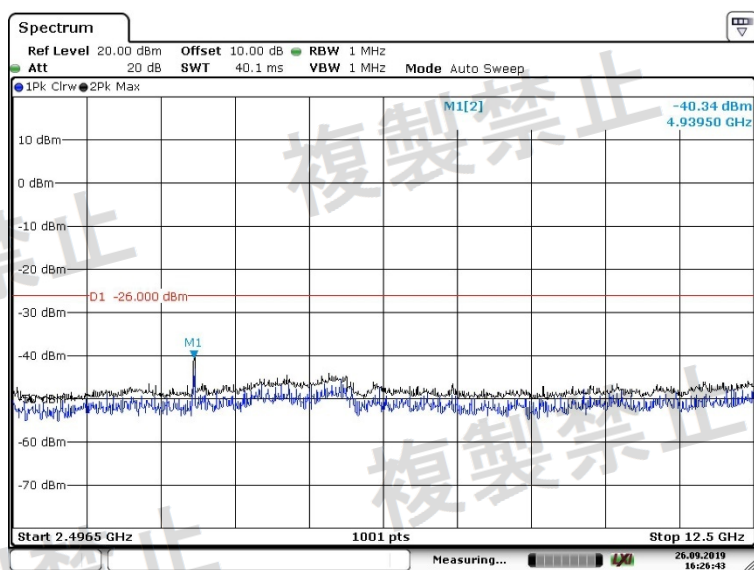
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