

Appendix A: Test Results of Sub 1G Band

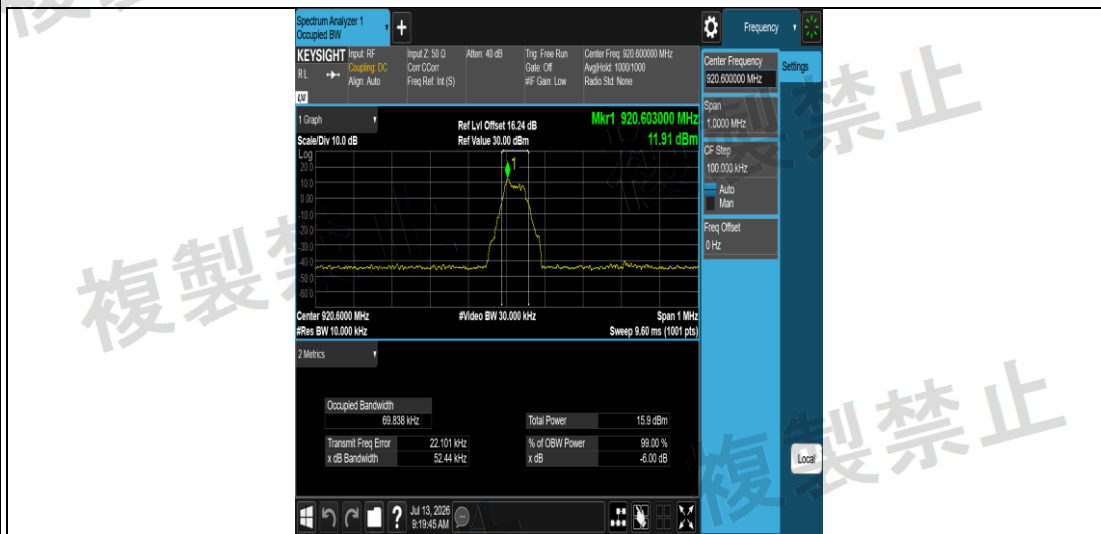
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Appendix A.1: Test Results of Frequency Tolerance

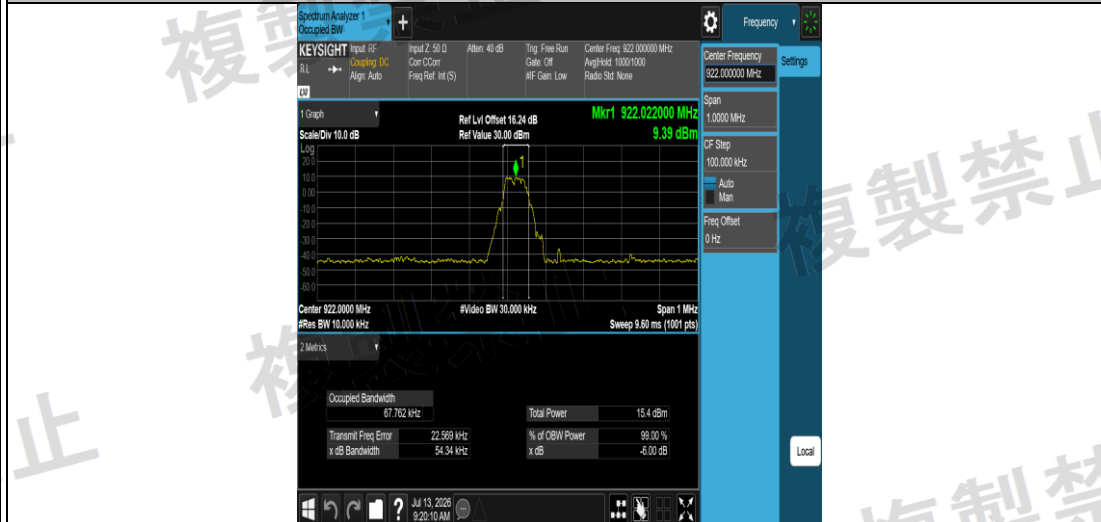
TestCondition	TestMode	Antenna	Frequenc y[MHz]	Result [ppm]	Limit [ppm]	Verdict
NTNV	Sub-1G	Ant1	920.6	17.156	±20	PASS
NTNV	Sub-1G	Ant1	922	17.114	±20	PASS
NTNV	Sub-1G	Ant1	923.4	17.073	±20	PASS

Appendix A.2: Test Results of Occupied Channel Bandwidth (99%)

TestCondition	TestMode	Antenna	Frequency[MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	Sub-1G	Ant1	920.6	0.070	≤0.2	PASS
NTNV	Sub-1G	Ant1	922	0.068	≤0.2	PASS
NTNV	Sub-1G	Ant1	923.4	0.070	≤0.2	PASS



NTNV-OTHER-Ant1-920.6-PASS



NTNV-OTHER-Ant1-922-PASS



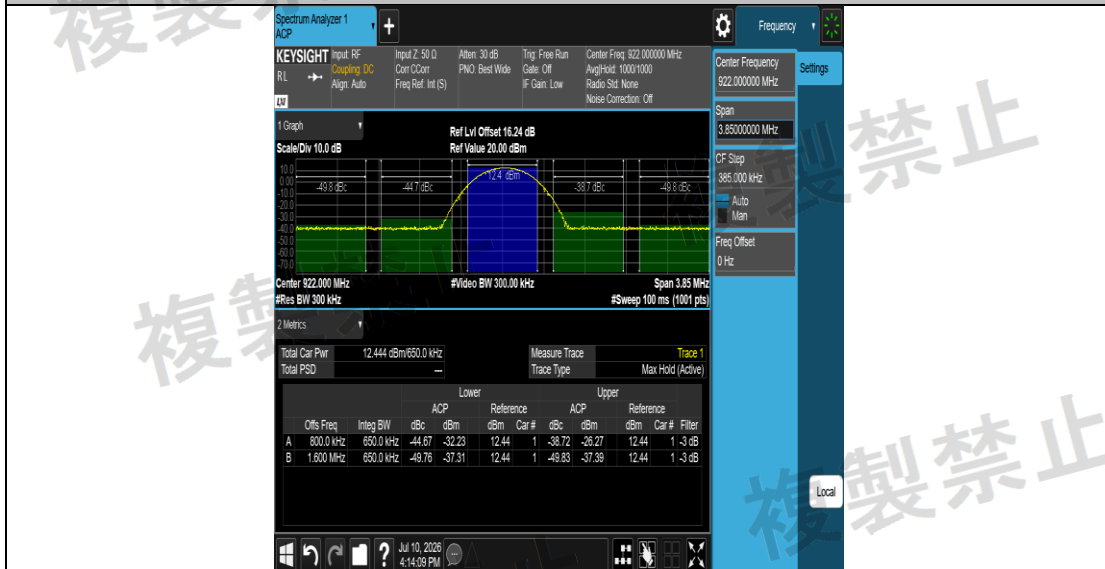
NTNV-OTHER-Ant1-923.4-PASS

Appendix A.3: Test Results of Adjacent Channel Power

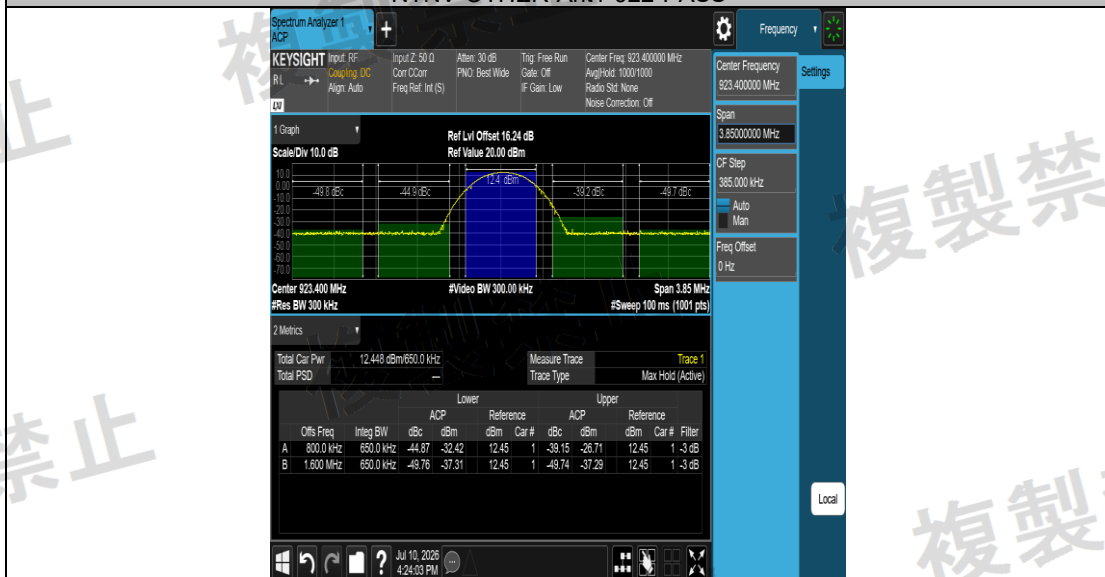
TestCondition	TestMode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBm]	Limit [dBm]	Verdict
NTNV	Sub-1G	Ant1	920.6	-1	-32.34	≤-15	PASS
NTNV	Sub-1G	Ant1	920.6	+1	-26.88	≤-15	PASS
NTNV	Sub-1G	Ant1	920.6	-2	-37.40	≤-15	PASS
NTNV	Sub-1G	Ant1	920.6	+2	-37.38	≤-15	PASS
NTNV	Sub-1G	Ant1	922	-1	-32.23	≤-15	PASS
NTNV	Sub-1G	Ant1	922	+1	-26.27	≤-15	PASS
NTNV	Sub-1G	Ant1	922	-2	-37.31	≤-15	PASS
NTNV	Sub-1G	Ant1	922	+2	-37.39	≤-15	PASS
NTNV	Sub-1G	Ant1	923.4	-1	-32.42	≤-15	PASS
NTNV	Sub-1G	Ant1	923.4	+1	-26.71	≤-15	PASS
NTNV	Sub-1G	Ant1	923.4	-2	-37.31	≤-15	PASS
NTNV	Sub-1G	Ant1	923.4	+2	-37.29	≤-15	PASS



NTNV-OTHER-Ant1-920.6-PASS



NTNV-OTHER-Ant1-922-PASS



NTNV-OTHER-Ant1-923.4-PASS

**Appendix A.4: Test Results of Antenna Power**

Condition	Frequency (MHz)	Measured Power (dBm)	Antenna Power (mW)	Rated Power (mW)	Power Limit (mW)	Power Tolerance (%)	Tolerance Limit(%)	Result
NVNT	920.6	10.24	10.57	20.00	20.00	-47.15	-80~+20	Pass
NVNT	922	10.33	10.79	20.00	20.00	-46.05	-80~+20	Pass
NVNT	923.4	10.15	10.35	20.00	20.00	-48.25	-80~+20	Pass

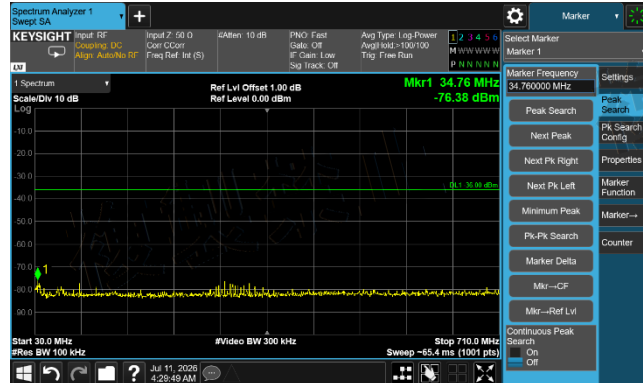
Antenna Gain: 2.42dBi;
Maximum EIRP: 12.75dBm

Appendix A.5: Test Results of Spurious Emissions for Transmitter

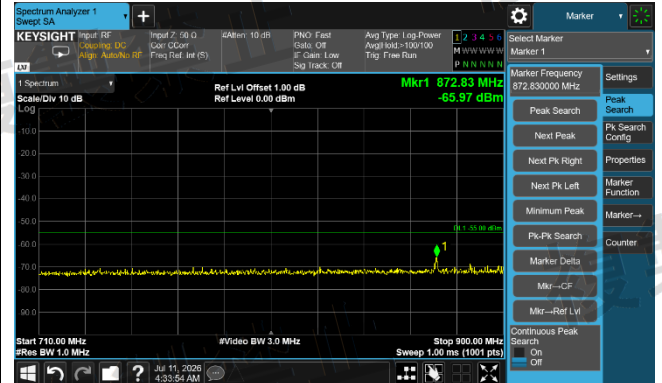
Antenna	Frequency [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
Ant1	920.6	30~5142	5140.98	-47.51	≤-26.02	0.04667	≤2.5	PASS
		5142~5150	5149.92	-39.57	≤-18.24	0.29040	≤15	PASS
		5250~5251	5250.98	-49.87	≤-9.8	0.02710	≤104.7	PASS
		5251~5260	5259.95	-50.72	≤-17.96	0.02228	≤16.0	PASS
		5260~5266.7	5262.95	-49.16	≤-18.02	0.03192	≤15.8	PASS
		5266.7~26000	10362.95	-41.73	≤-26.02	0.17660	≤2.5	PASS
	922	30~5142	193.07	-46.76	≤-26.02	0.05546	≤2.5	PASS
		5142~5150	5143.16	-47.64	≤-18.24	0.04529	≤15	PASS
		5250~5251	5250.93	-48.71	≤-9.3	0.03540	≤117.5	PASS
		5251~5260	5259.67	-50.04	≤-17.71	0.02606	≤17.0	PASS
		5260~5266.7	5260.55	-49.00	≤-18	0.03311	≤15.8	PASS
		5266.7~26000	10405.10	-38.03	≤-26.02	0.41400	≤2.5	PASS
	923.4	30~5142	199.72	-48.05	≤-26.02	0.04121	≤2.5	PASS
		5142~5150	5145.15	-49.42	≤-18.24	0.03006	≤15	PASS
		5250~5251	5250.00	-15.98	≤0	66.37431	≤1000.0	PASS
		5251~5260	5256.09	-23.94	≤-14.52	10.61696	≤35.3	PASS
		5260~5266.7	5261.26	-31.68	≤-18.01	1.78649	≤15.8	PASS
		5266.7~26000	10485.96	-38.12	≤-26.02	0.40551	≤2.5	PASS

920.6MHz:

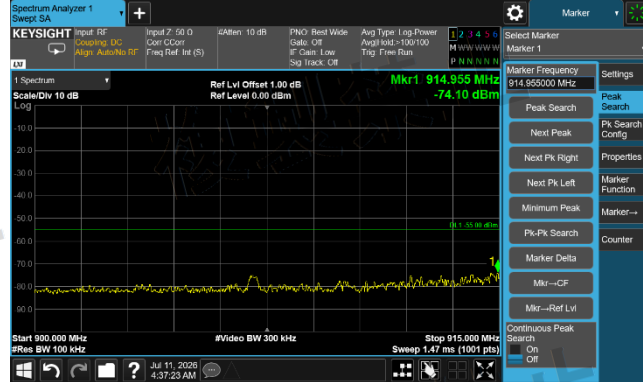
30MHz~710MHz: -36dBm/100kHz:



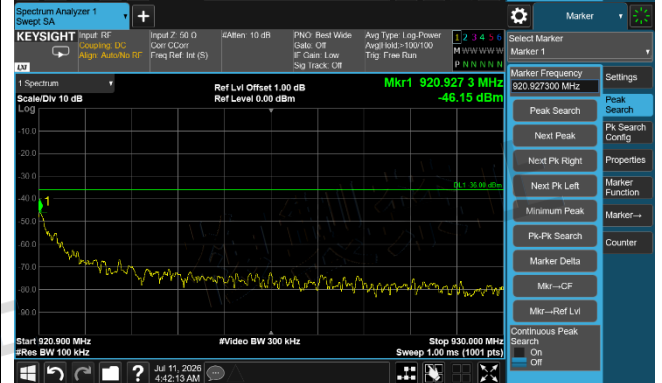
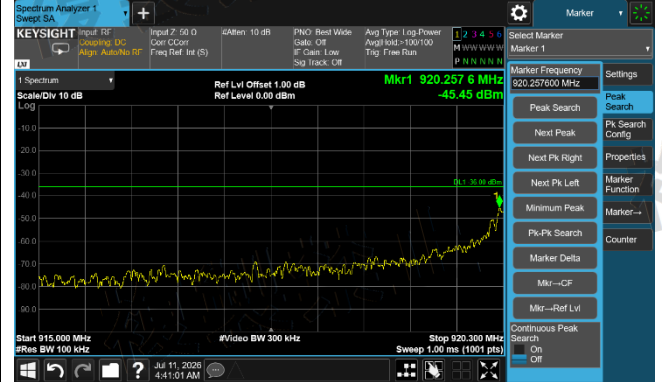
710MHz~900MHz: -55dBm/1MHz:



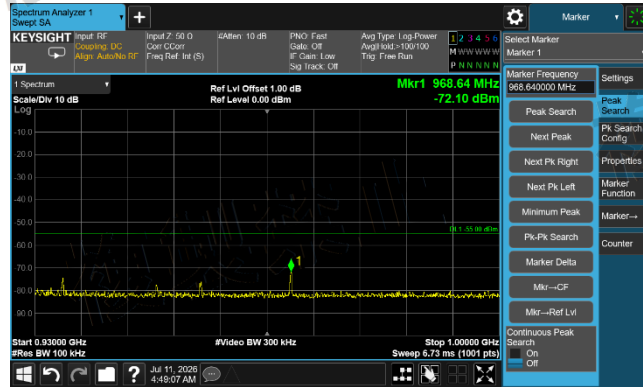
900MHz~915MHz: -55dBm/100kHz:



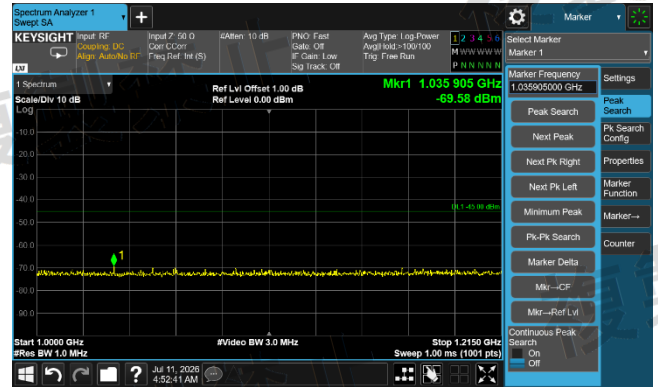
915MHz~930MHz: -36dBm/100kHz:



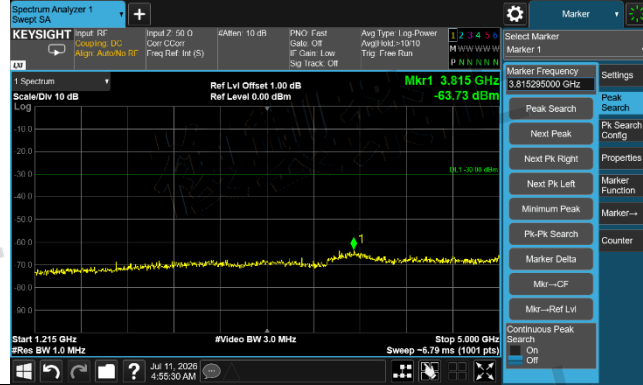
930MHz~1000MHz: -55dBm/100kHz:



1000MHz~1215MHz: -45dBm/1MHz:

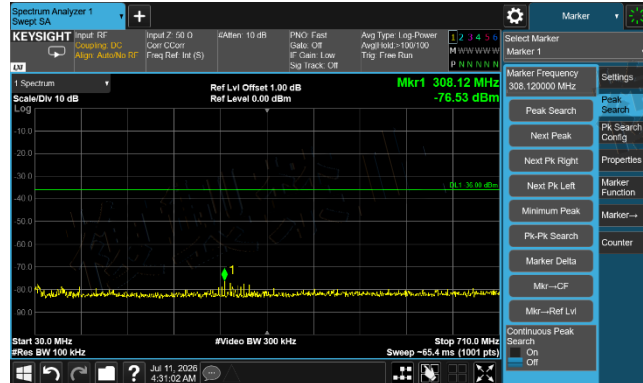


More than 1215MHz: -30dBm/1MHz:

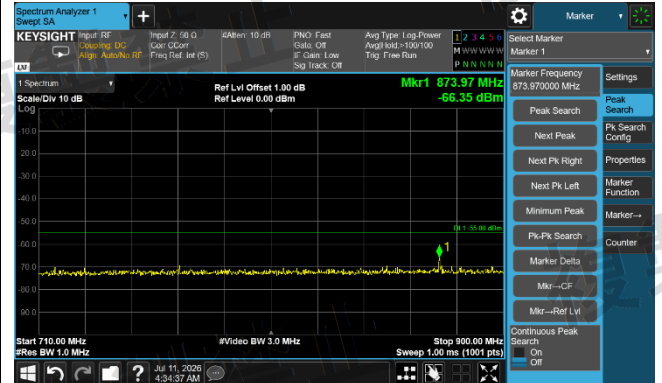


922MHz:

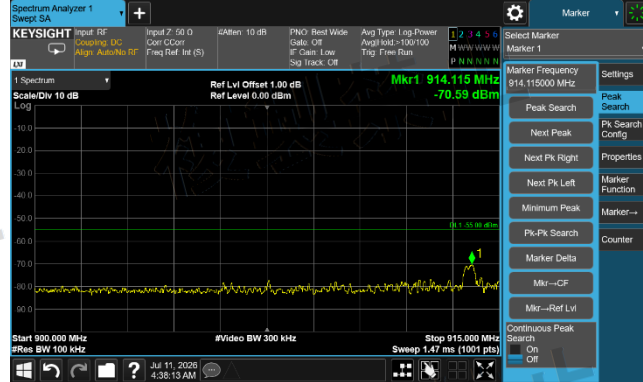
30MHz~710MHz: -36dBm/100kHz:



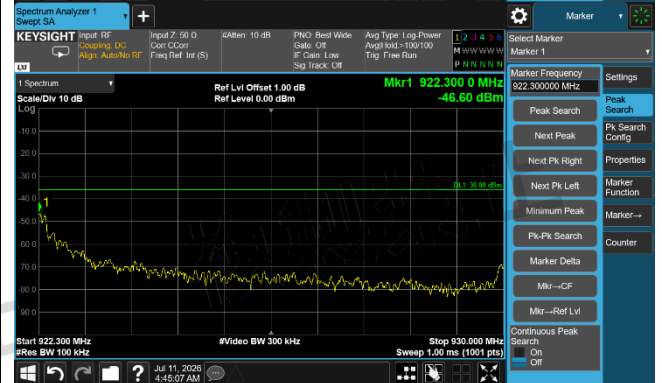
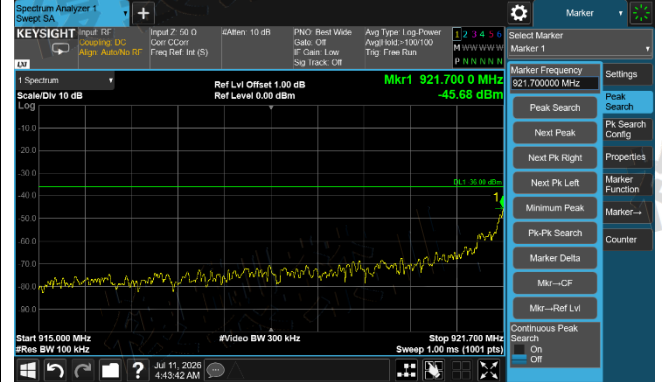
710MHz~900MHz: -55dBm/1MHz:



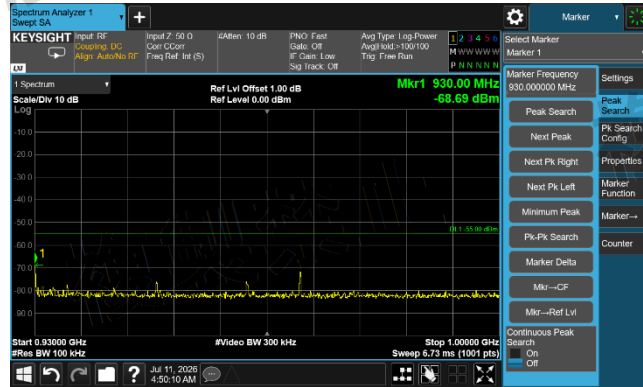
900MHz~915MHz: -55dBm/100kHz:



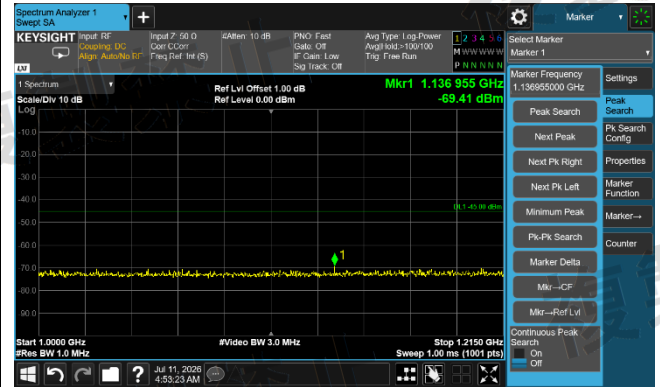
915MHz~930MHz: -36dBm/100kHz:



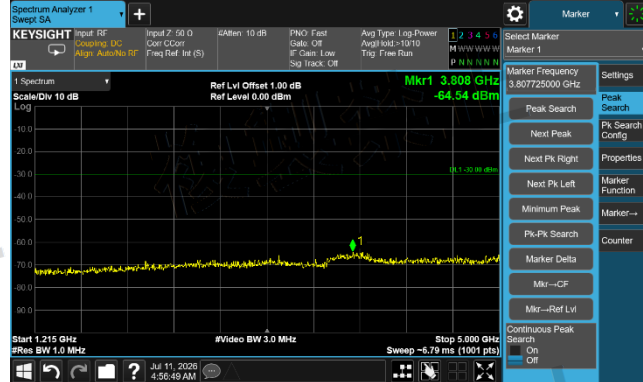
930MHz~1000MHz: -55dBm/100kHz:



1000MHz~1215MHz: -45dBm/1MHz:

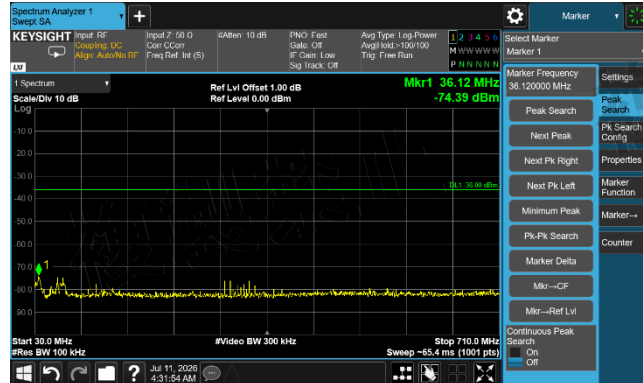


More than 1215MHz: -30dBm/1MHz:

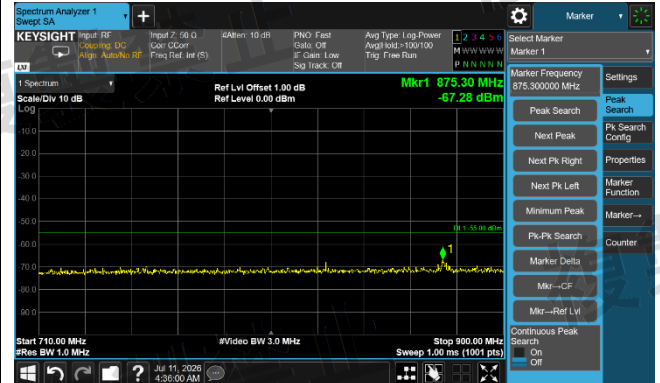


923.4MHz:

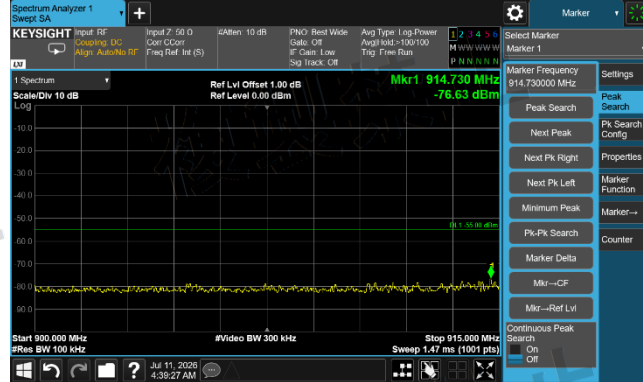
30MHz~710MHz: -36dBm/100kHz:



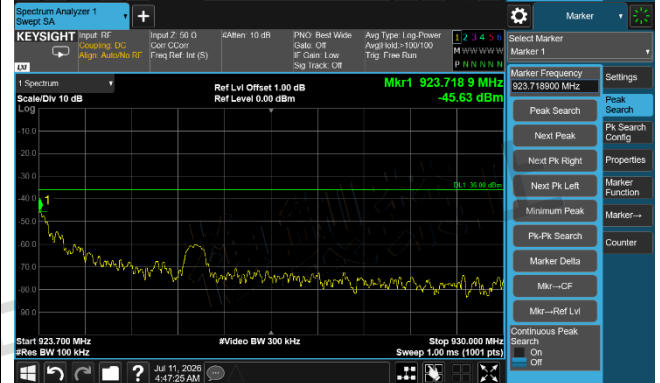
710MHz~900MHz: -55dBm/1MHz:



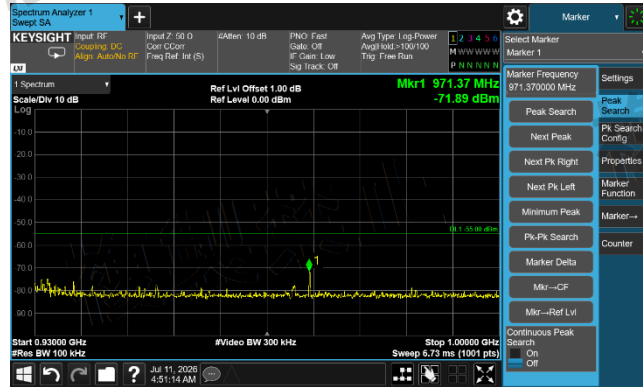
900MHz~915MHz: -55dBm/100kHz:



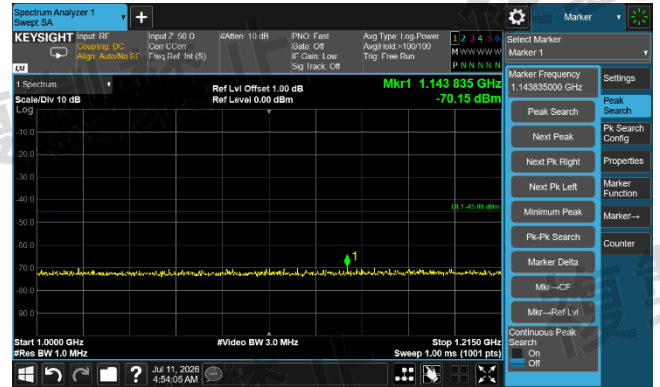
915MHz~930MHz: -36dBm/100kHz:



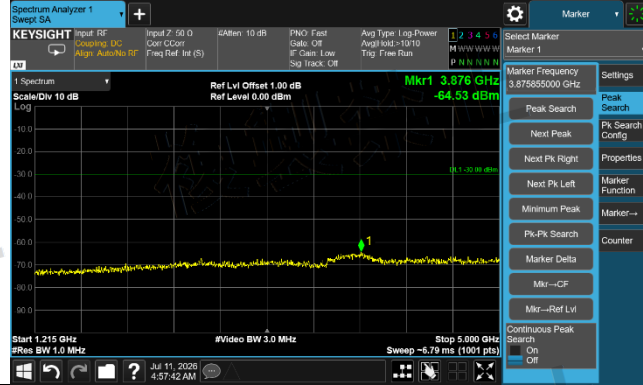
930MHz~1000MHz: -55dBm/100kHz:



1000MHz~1215MHz: -45dBm/1MHz:



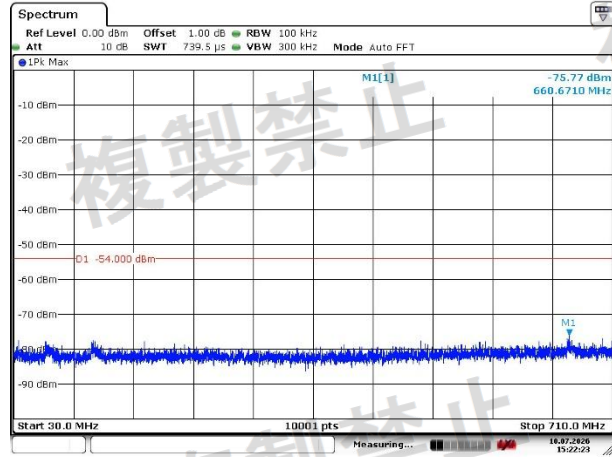
More than 1215MHz: -30dBm/1MHz:



Appendix A.6: Test Results of Collateral Emissions for Receiver

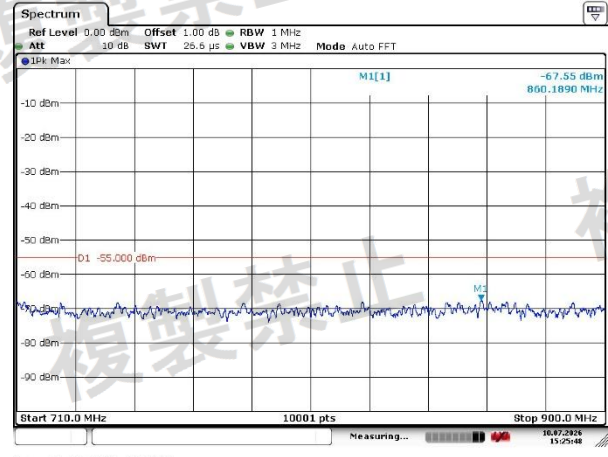
920.6MHz

30MHz~710MHz: -54dBm/100kHz:



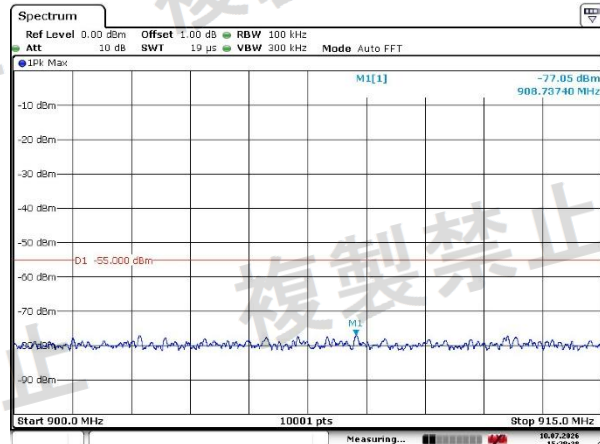
Date: 10.JUL.2026 15:22:23

710MHz~900MHz: -55dBm/1MHz:



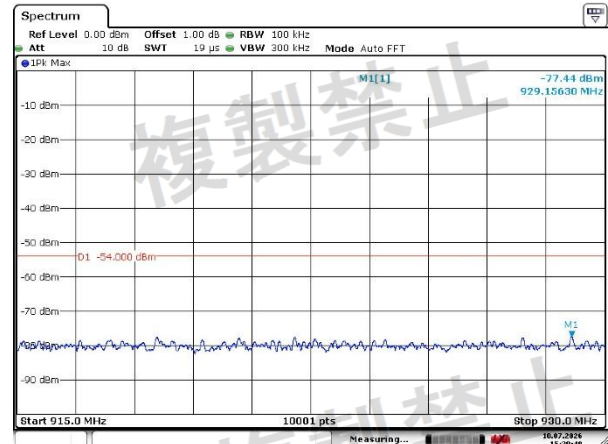
Date: 10.JUL.2026 15:23:18

900MHz~915MHz: -55dBm/100kHz:



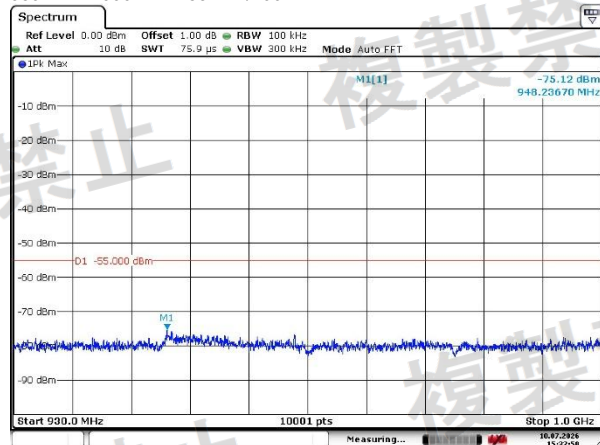
Date: 10.JUL.2026 15:23:38

915MHz~930MHz: -54dBm/100kHz:



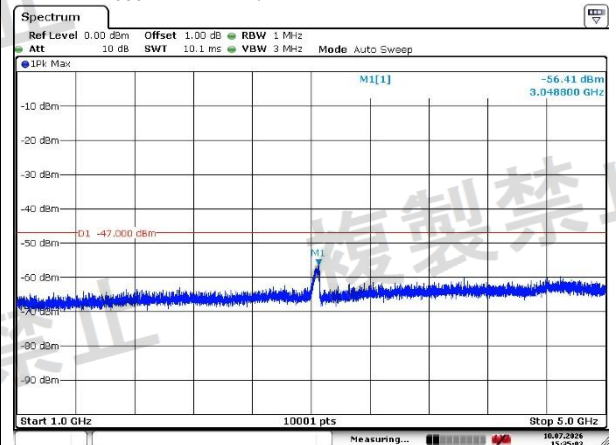
Date: 10.JUL.2026 15:23:40

930MHz~1000MHz: -55dBm/100kHz:



Date: 10.JUL.2026 15:23:50

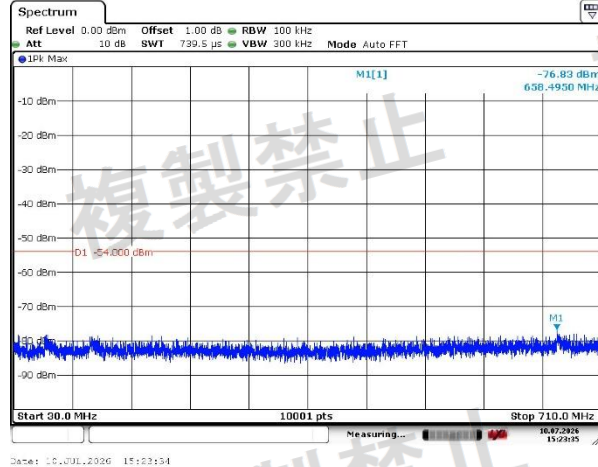
More than 1000MHz: -47dBm/1MHz:



Date: 10.JUL.2026 15:23:55

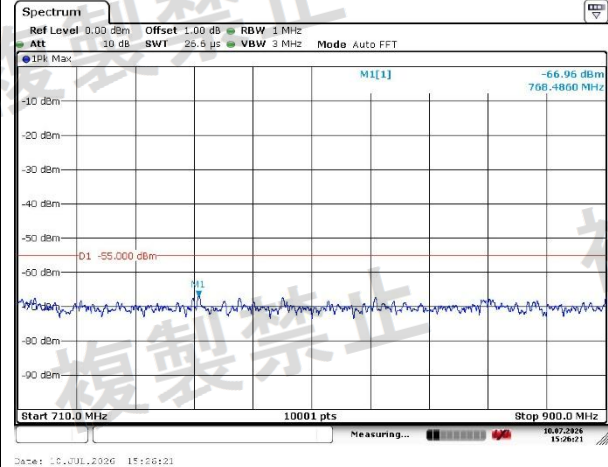
922MHz

30MHz~710MHz: -54dBm/100kHz:



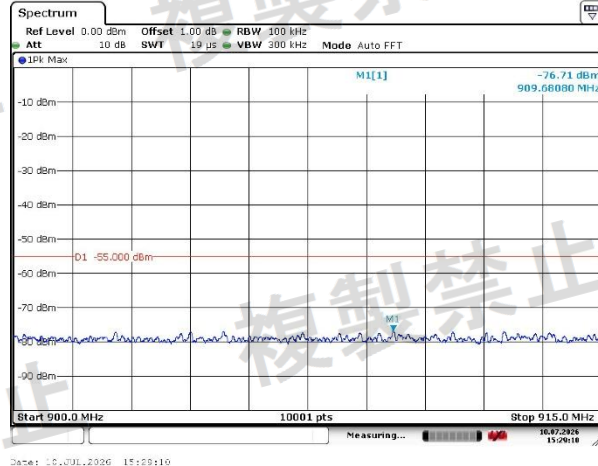
Date: 10.JUL.2026 15:23:14

710MHz~900MHz: -55dBm/1MHz:



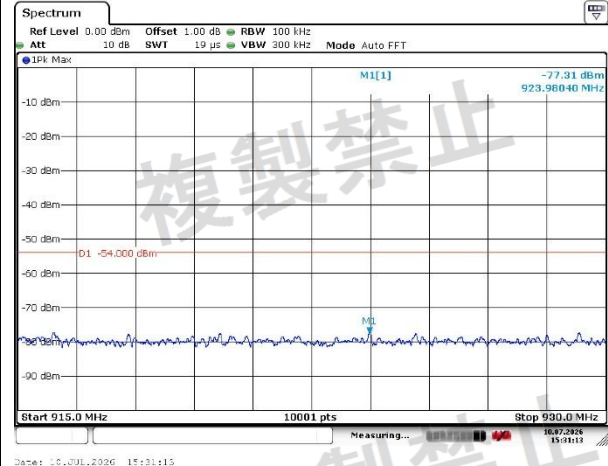
Date: 10.JUL.2026 15:26:21

900MHz~915MHz: -55dBm/100kHz:



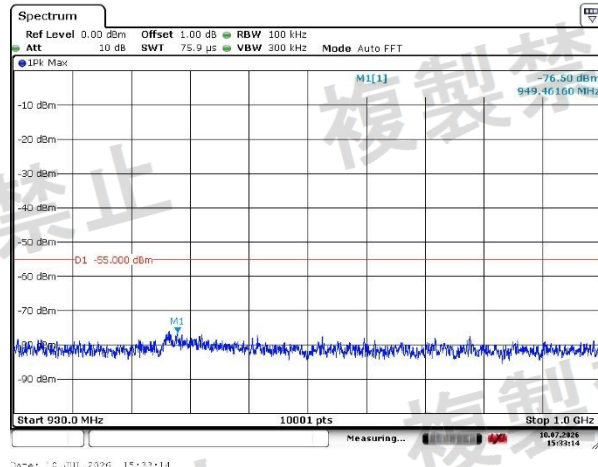
Date: 10.JUL.2026 15:28:10

915MHz~930MHz: -54dBm/100kHz:



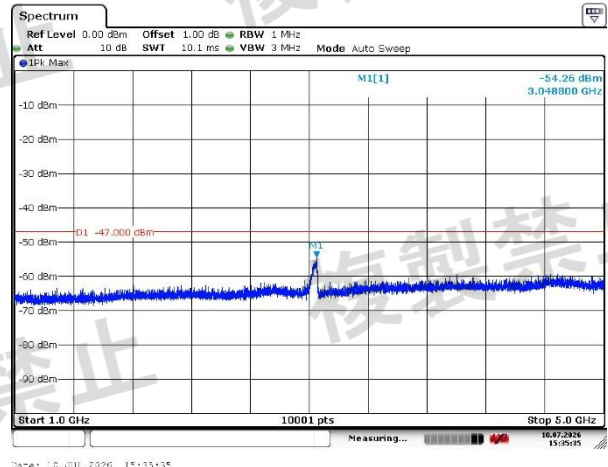
Date: 10.JUL.2026 15:31:13

930MHz~1000MHz: -55dBm/100kHz:



Date: 10.JUL.2026 15:33:14

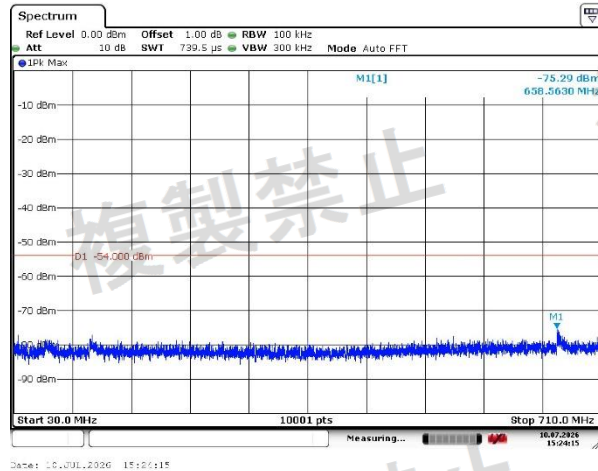
More than 1000MHz: -47dBm/1MHz:



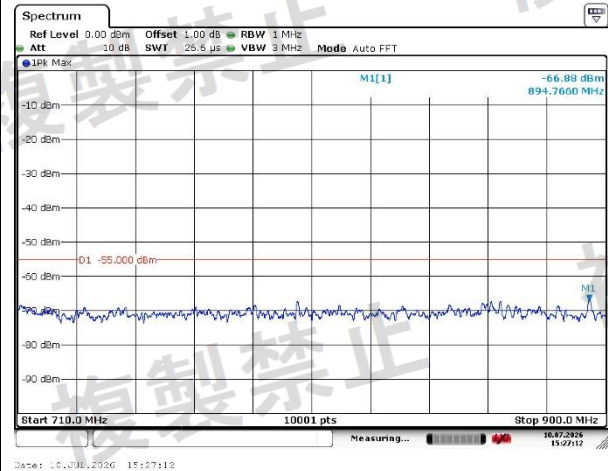
Date: 10.JUL.2026 15:35:15

923.4MHz

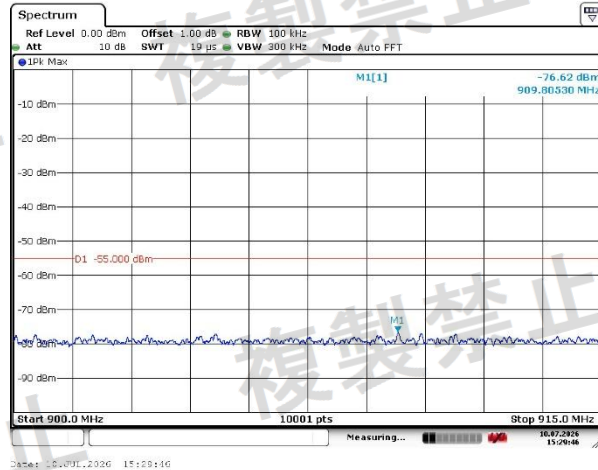
30MHz~710MHz: -54dBm/100kHz:



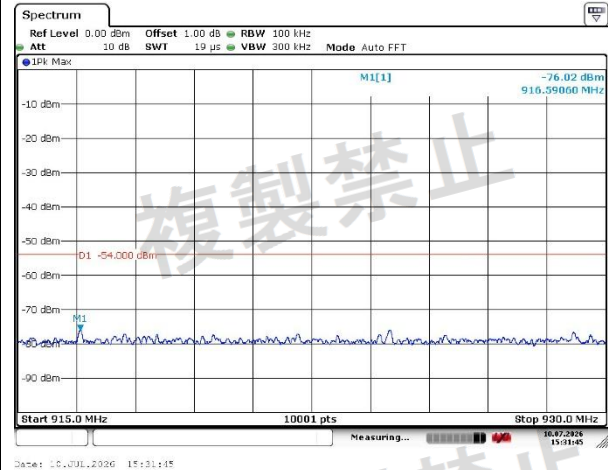
710MHz~900MHz: -55dBm/1MHz:



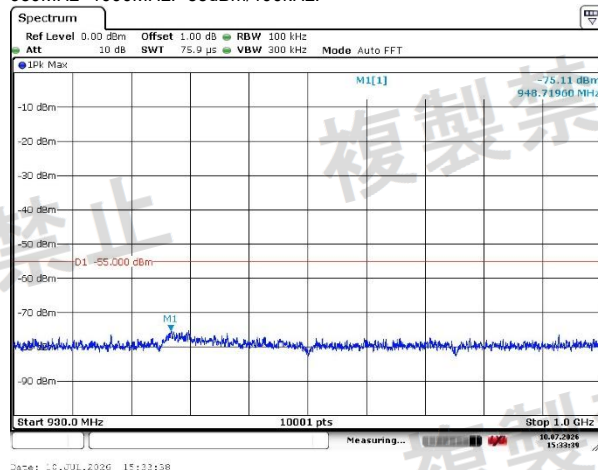
900MHz~915MHz: -55dBm/100kHz:



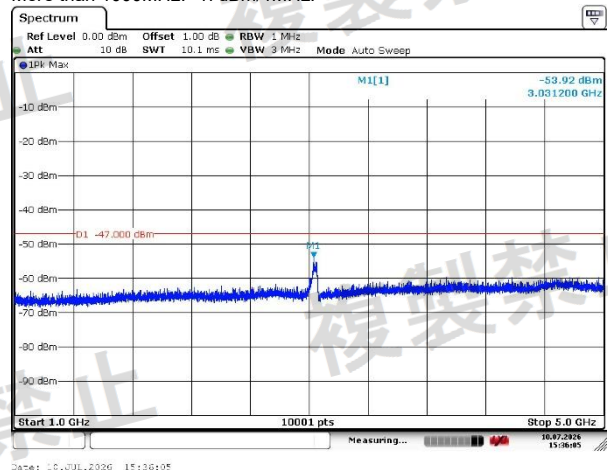
915MHz~930MHz: -54dBm/100kHz:



930MHz~1000MHz: -55dBm/100kHz:



More than 1000MHz: -47dBm/1MHz:



Appendix A.7: Transmission Time Restriction, Carrier Sensing Function)

Frequency Range	Frequency (MHz)	Total transmission time	Transmission Time Restriction	Result
920.5~923.5MHz (Low Duty Cycle)	922	Less than 36s/hour	Transmission on within 4 sec. Transmission off: over 0.050 sec.	Pass Pass

Carrier Sensing Function is not required for this band

Appendix A.8: Interference prevention function

Temperature:	24°C	Humidity:	56%RH
Test result:	Conform		