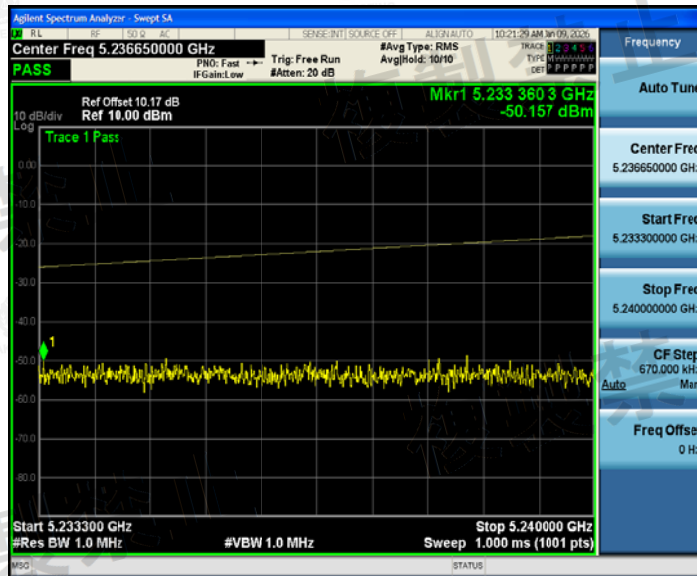
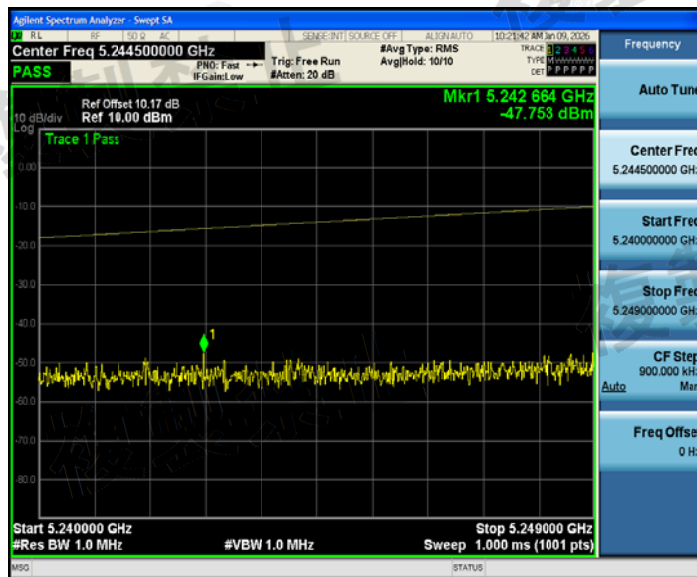


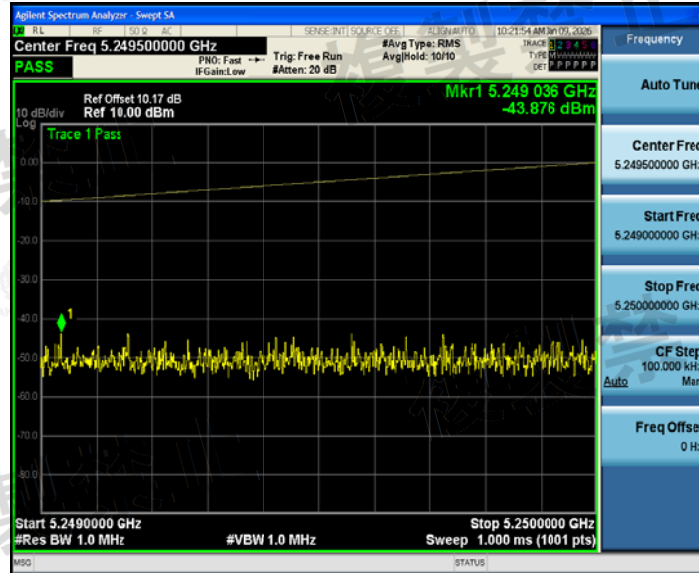
CH 56: 5280MHz - Frequency Band 2 (5233.3 MHz $\leq$ f $\leq$ 5240 MHz)



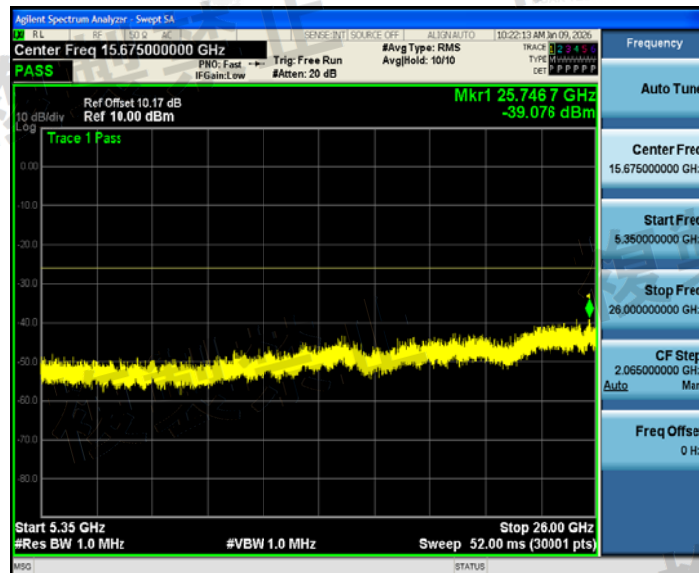
CH 56: 5280MHz - Frequency Band 3 (5240 MHz $\leq$ f $\leq$ 5249 MHz)



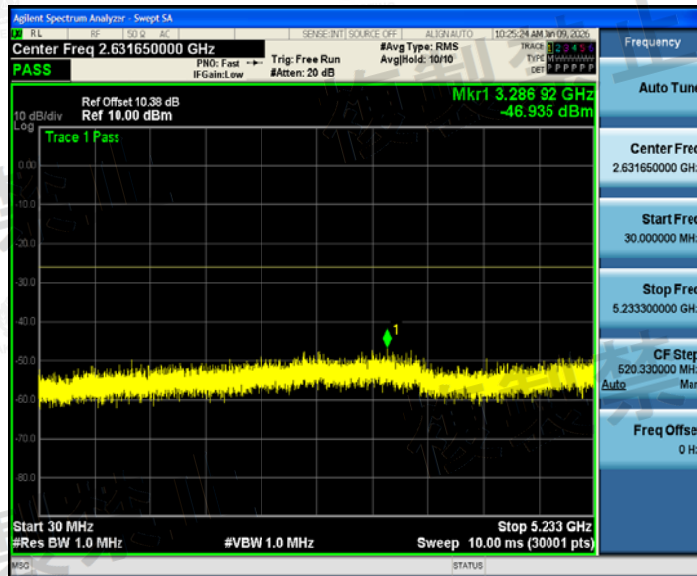
CH 56: 5280MHz - Frequency Band 4 (5249 MHz $\leq$ f $\leq$ 5250 MHz)



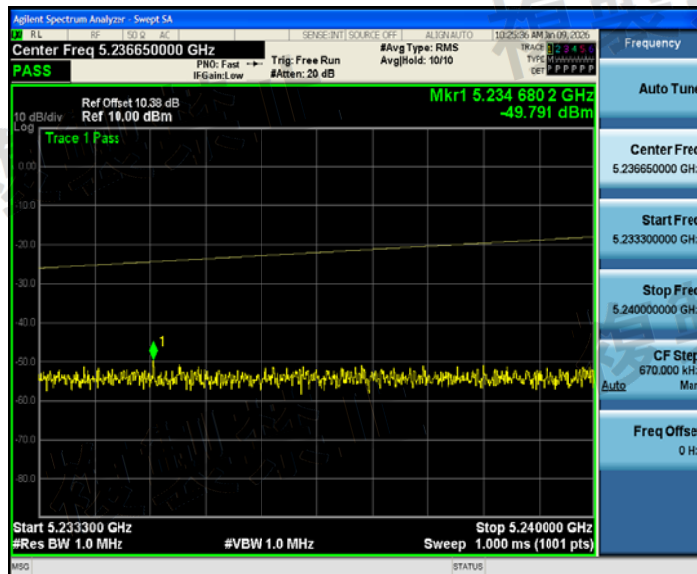
CH 56: 5280MHz - Frequency Band 5 (5350 MHz $\leq$ f $\leq$ 26000 MHz)



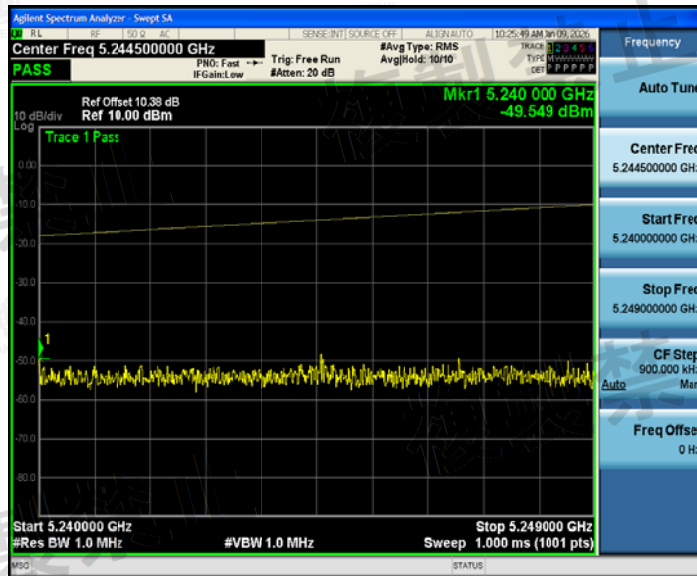
CH 64: 5320MHz - Frequency Band 1 (30 MHz $\leq$ f $\leq$ 5233.3 MHz)



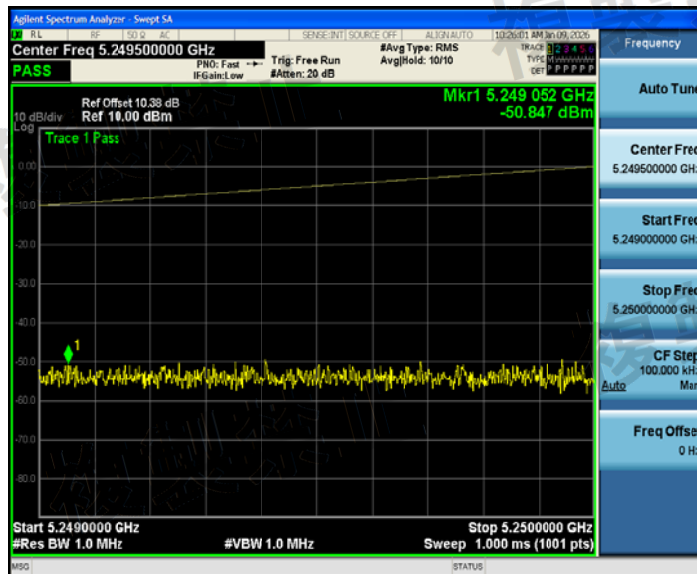
CH 64: 5320MHz - Frequency Band 2 (5233.3 MHz $\leq$ f $\leq$ 5240 MHz)



CH 64: 5320MHz - Frequency Band 3 ($5240 \text{ MHz} \leq f \leq 5249 \text{ MHz}$)



CH 64: 5320MHz - Frequency Band 4 ($5249 \text{ MHz} \leq f \leq 5250 \text{ MHz}$)

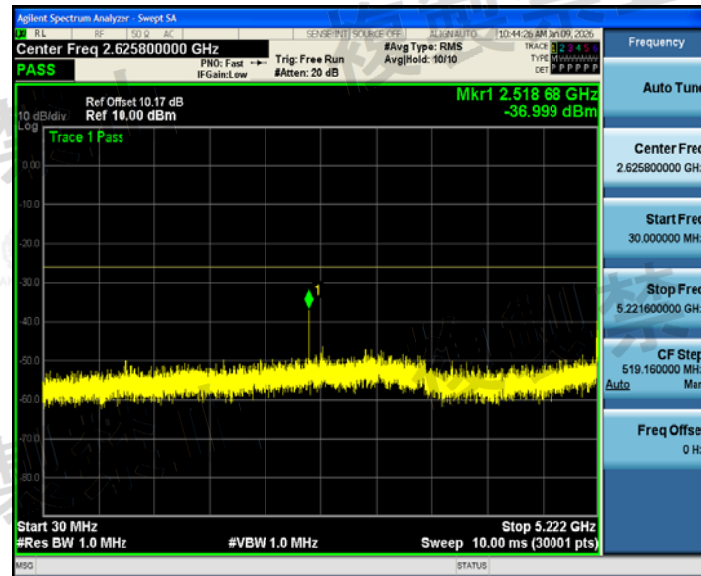


CH 64: 5320MHz - Frequency Band 5 (5350 MHz $\leq$ f $\leq$ 26000 MHz)

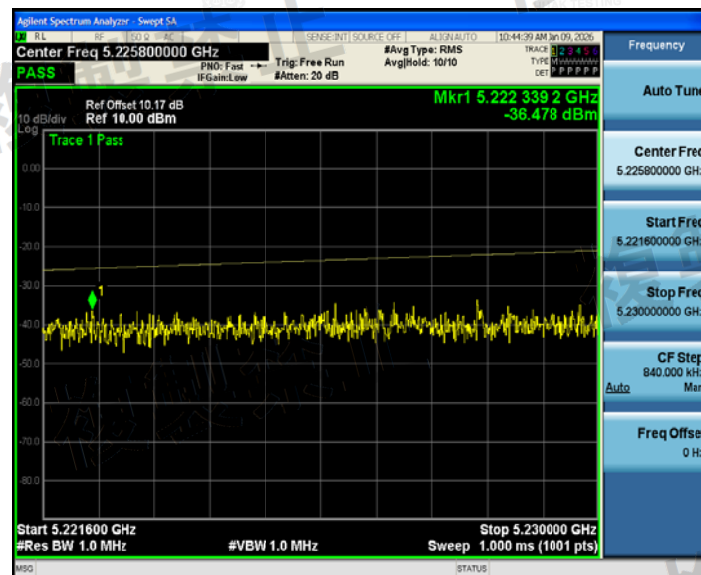


802.11n(HT40)

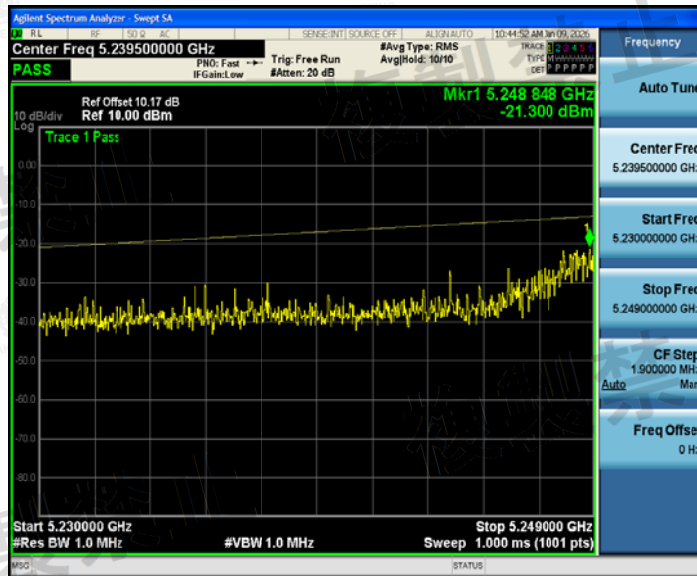
CH 54: 5270MHz - Frequency Band 1 (30 MHz $\leq f \leq$ 5221.6 MHz)



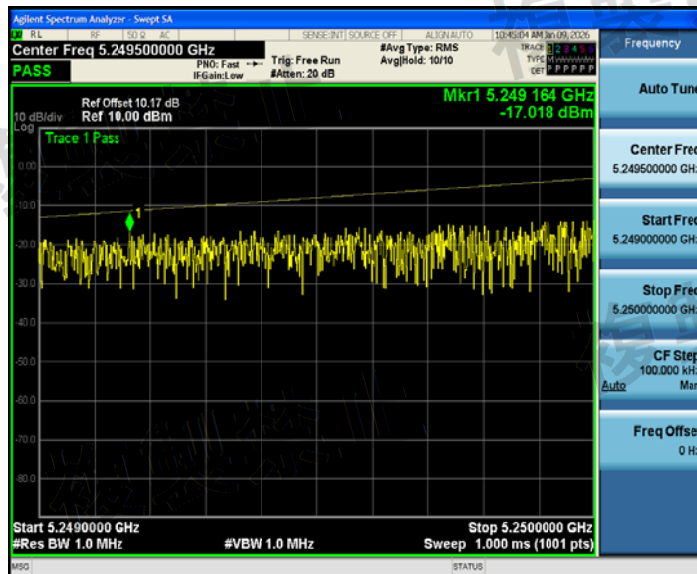
CH 54: 5270MHz - Frequency Band 2 (5221.6 MHz $\leq f \leq$ 5230 MHz)



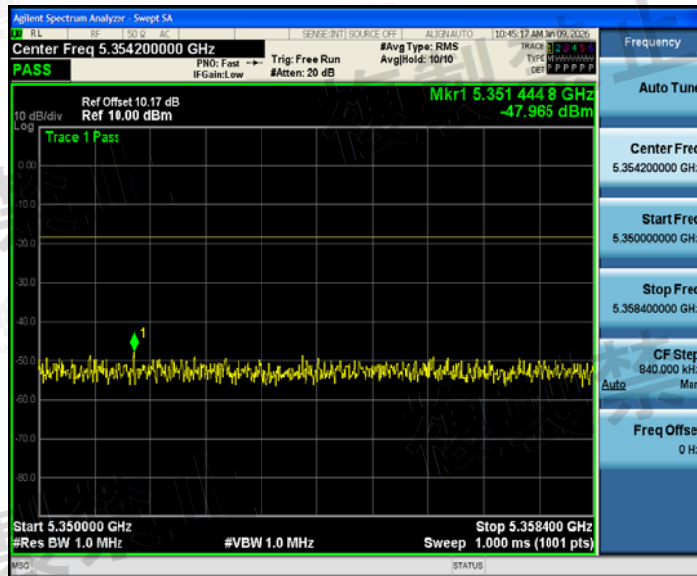
CH 54: 5270MHz - Frequency Band 3 (5230 MHz $\leq$ f $\leq$ 5249 MHz)



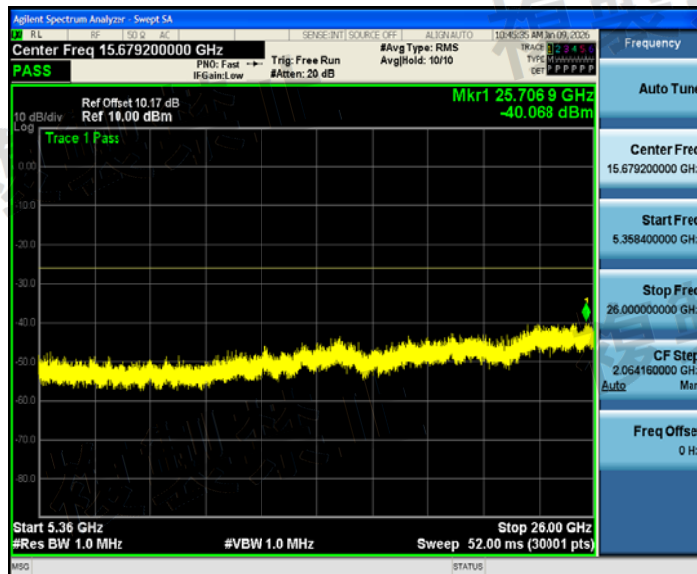
CH 54: 5270MHz - Frequency Band 4 (5249 MHz $\leq$ f $\leq$ 5250 MHz)



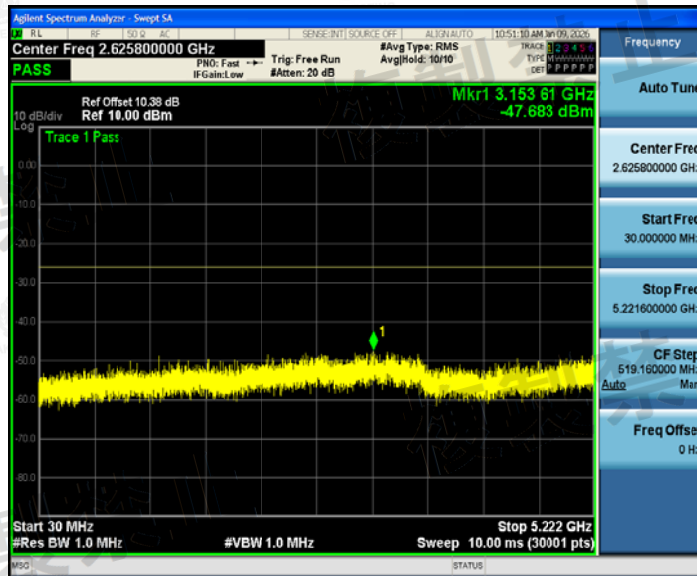
CH 54: 5270MHz - Frequency Band 5 (5350 MHz $\leq$ f $\leq$ 5348.4 MHz)



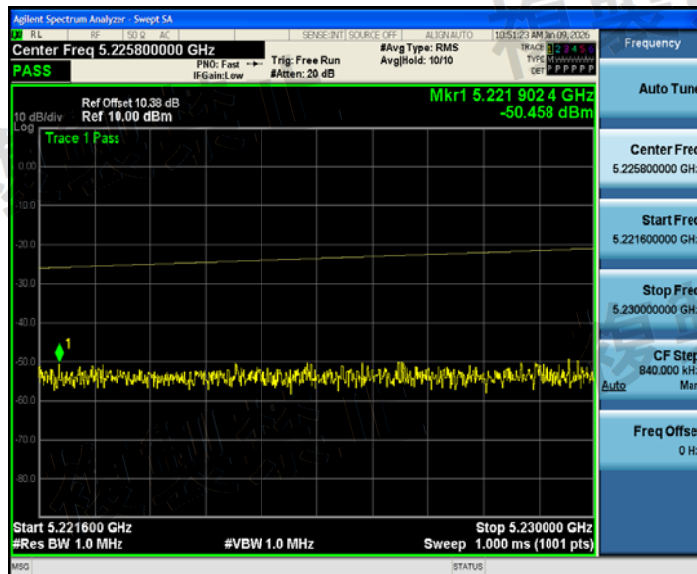
CH 54: 5270MHz - Frequency Band 6 (5348.4MHz $\leq$ f $\leq$ 26000 MHz)



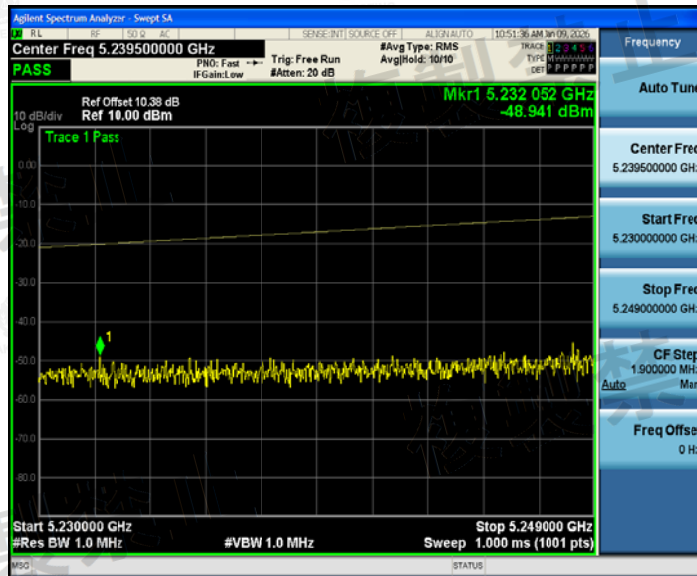
CH 62: 5310MHz - Frequency Band 1 (30 MHz $\leq$ f $\leq$ 5221.6 MHz)



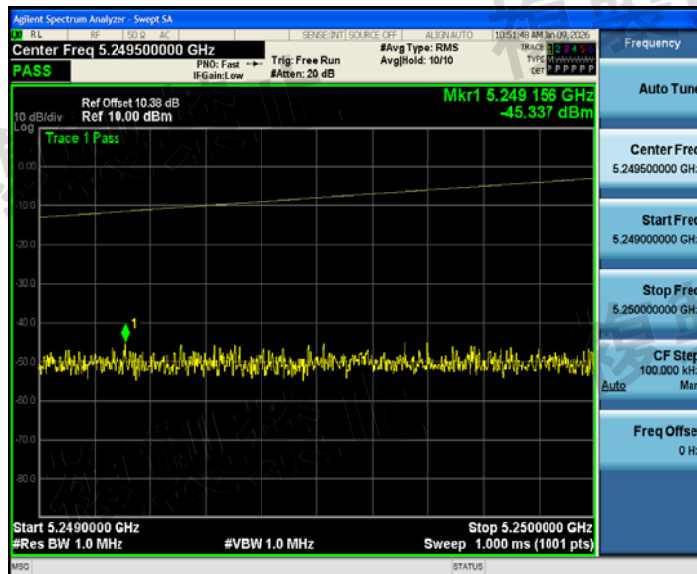
CH 62: 5310MHz - Frequency Band 2 (5221.6 MHz $\leq$ f $\leq$ 5230 MHz)



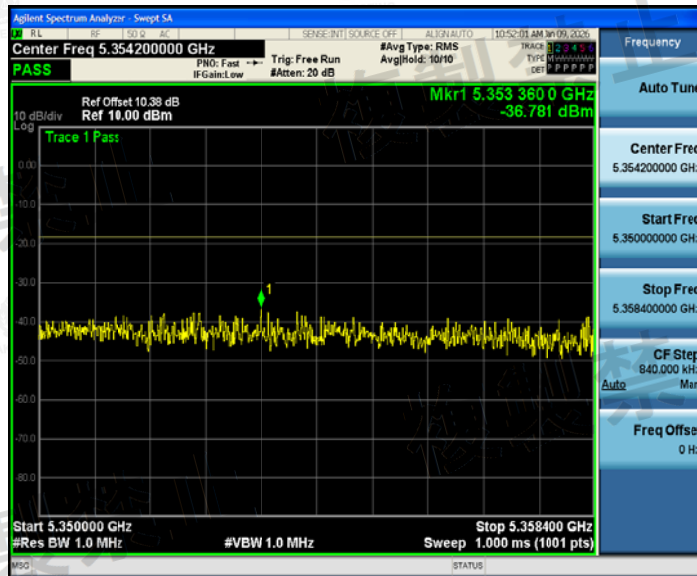
CH 62: 5310MHz - Frequency Band 3 ($5230 \text{ MHz} \leq f \leq 5249 \text{ MHz}$)



CH 62: 5310MHz - Frequency Band 4 ($5249 \text{ MHz} \leq f \leq 5250 \text{ MHz}$)



CH 62: 5310MHz - Frequency Band 5 (5350 MHz $\leq$ f $\leq$ 5348.4 MHz)

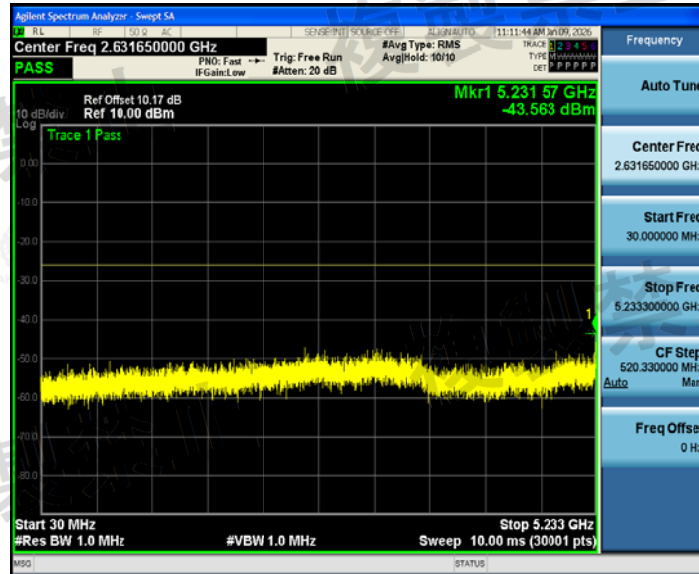


CH 62: 5310MHz - Frequency Band 6 (5348.4MHz $\leq$ f $\leq$ 26000 MHz)

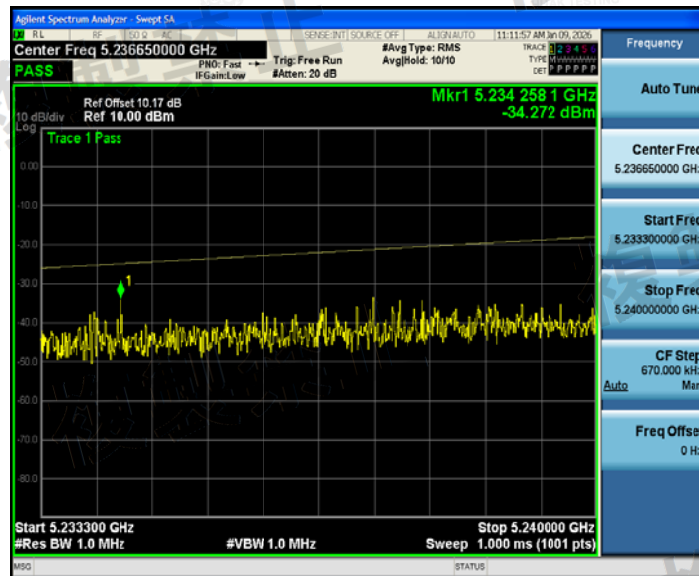


802.11ac(TH20)

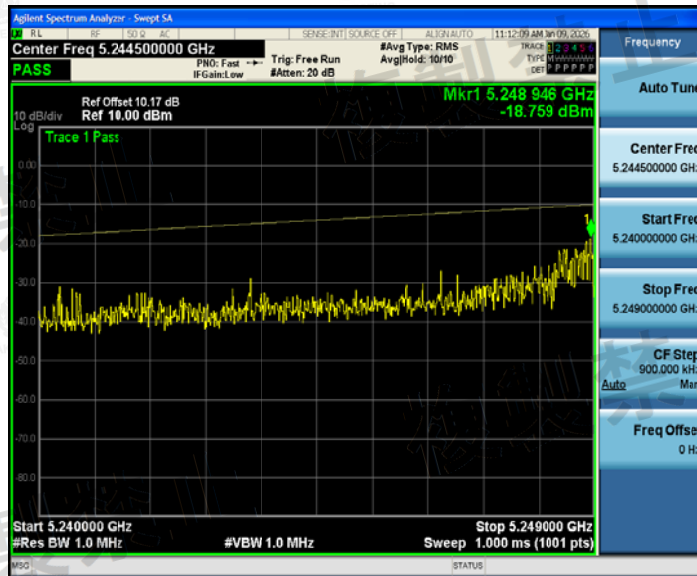
CH 52: 5260MHz - Frequency Band 1 (30 MHz $\leq$ f $\leq$ 5233.3 MHz)



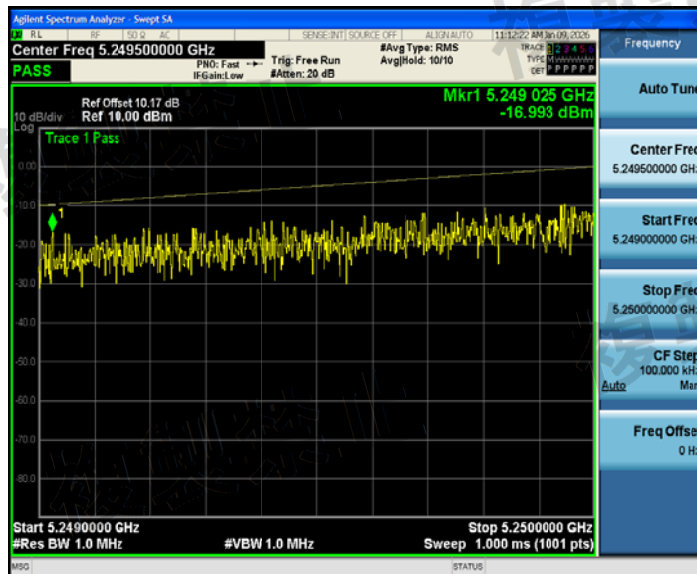
CH 52: 5260MHz - Frequency Band 2 (5233.3 MHz $\leq$ f $\leq$ 5240 MHz)



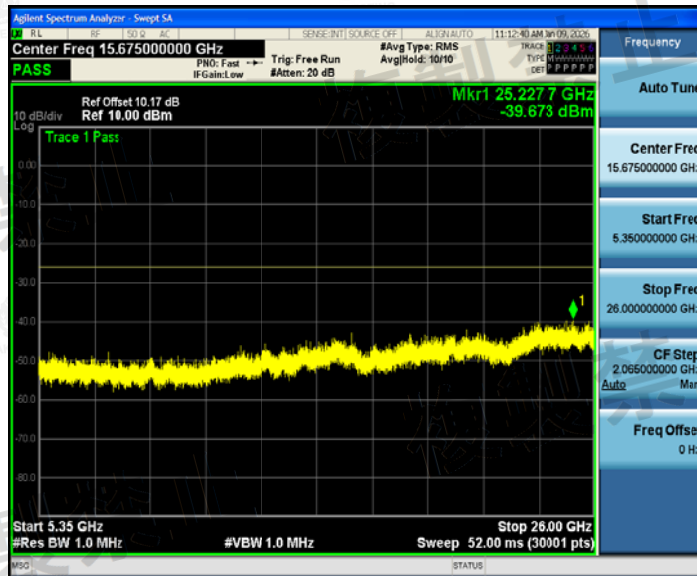
CH 52: 5260MHz - Frequency Band 3 ($5240 \text{ MHz} \leq f \leq 5249 \text{ MHz}$)



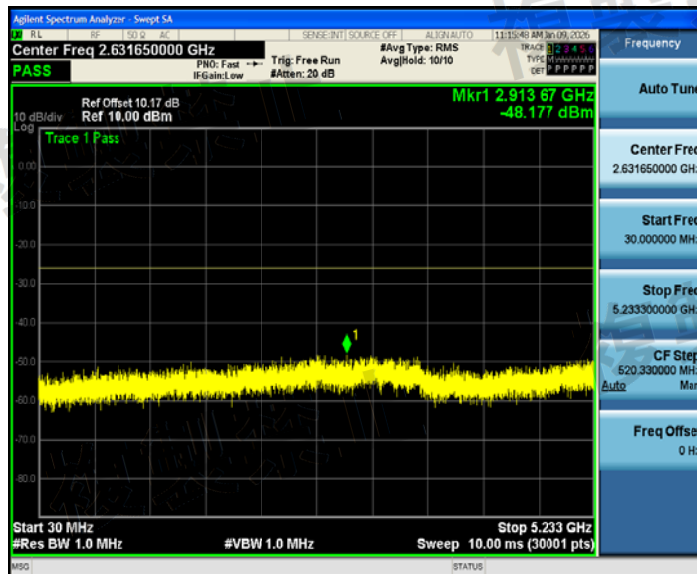
CH 52: 5260MHz - Frequency Band 4 ($5249 \text{ MHz} \leq f \leq 5250 \text{ MHz}$)



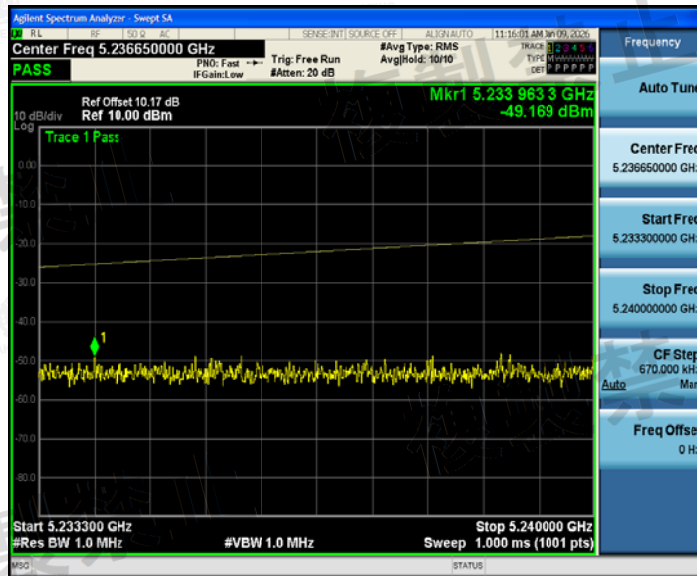
CH 52: 5260MHz - Frequency Band 5 (5350 MHz $\leq$ f $\leq$ 26000 MHz)



CH 56: 5280MHz - Frequency Band 1 (30 MHz $\leq$ f $\leq$ 5233.3 MHz)



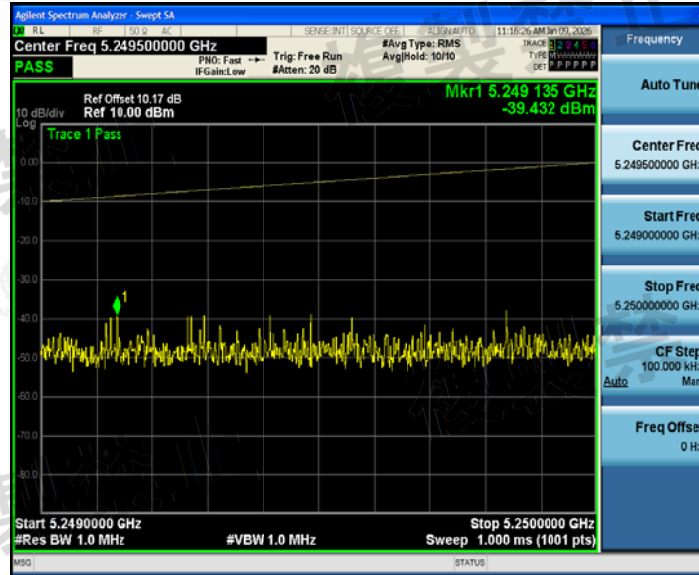
CH 56: 5280MHz - Frequency Band 2 (5233.3 MHz $\leq$ f $\leq$ 5240 MHz)



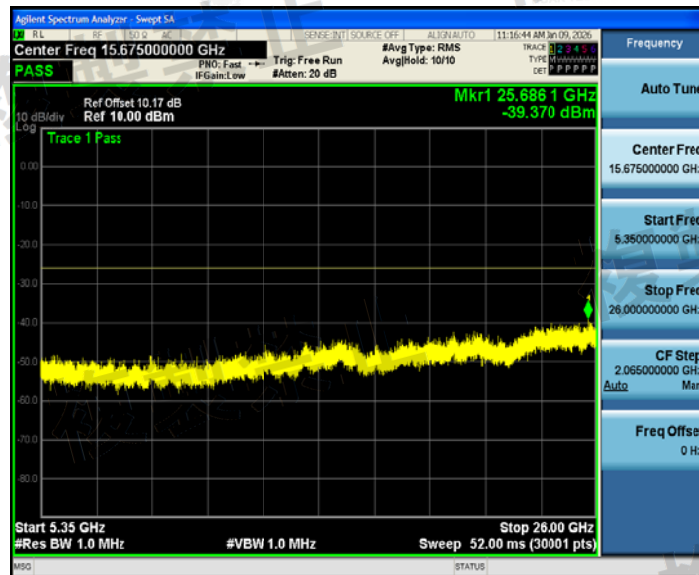
CH 56: 5280MHz - Frequency Band 3 (5240 MHz $\leq$ f $\leq$ 5249 MHz)



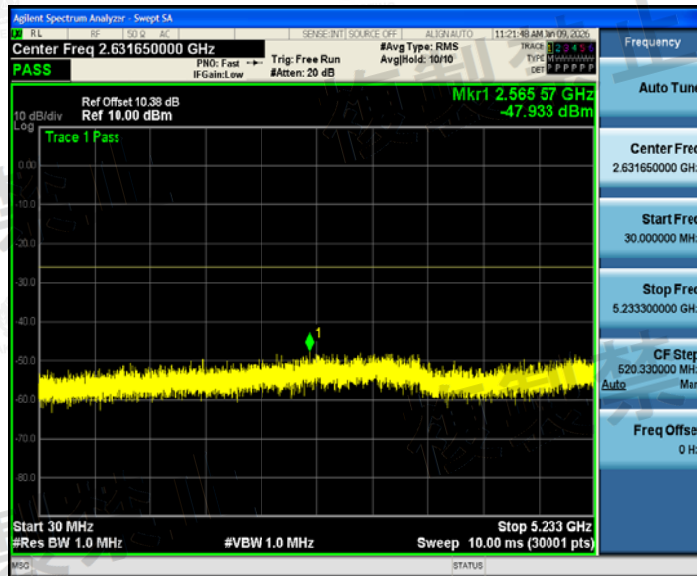
CH 56: 5280MHz - Frequency Band 4 (5249 MHz $\leq$ f $\leq$ 5250 MHz)



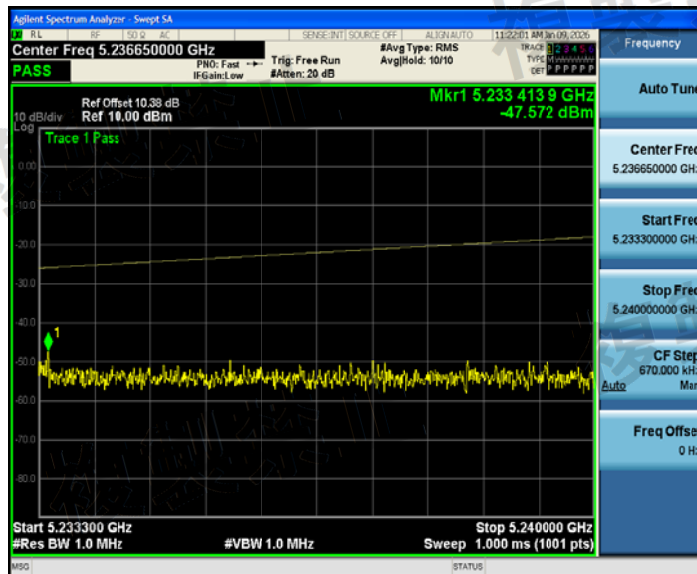
CH 56: 5280MHz - Frequency Band 5 (5350 MHz $\leq$ f $\leq$ 26000 MHz)



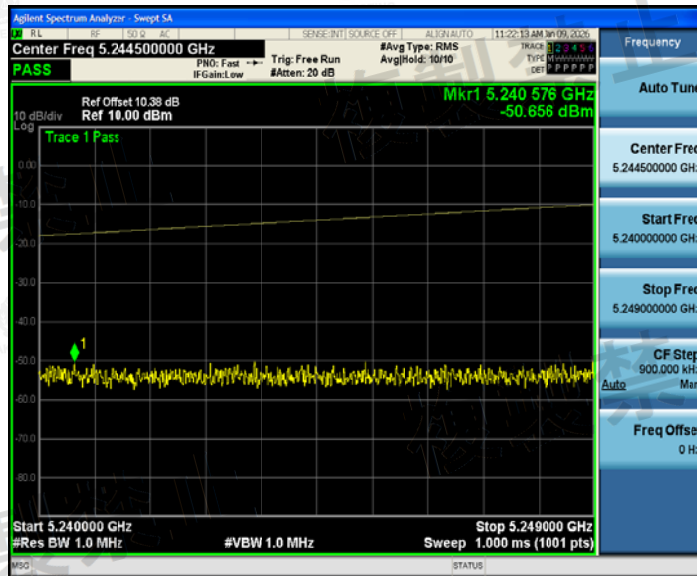
CH 64: 5320MHz - Frequency Band 1 (30 MHz $\leq$ f $\leq$ 5233.3 MHz)



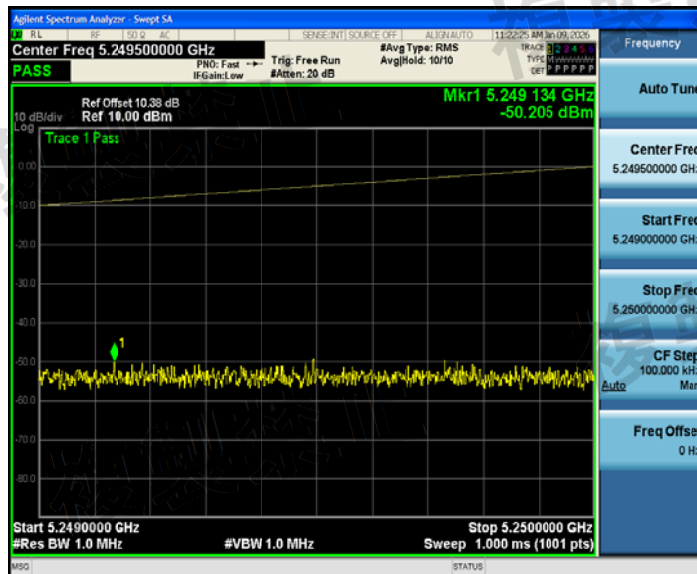
CH 64: 5320MHz - Frequency Band 2 (5233.3 MHz $\leq$ f $\leq$ 5240 MHz)



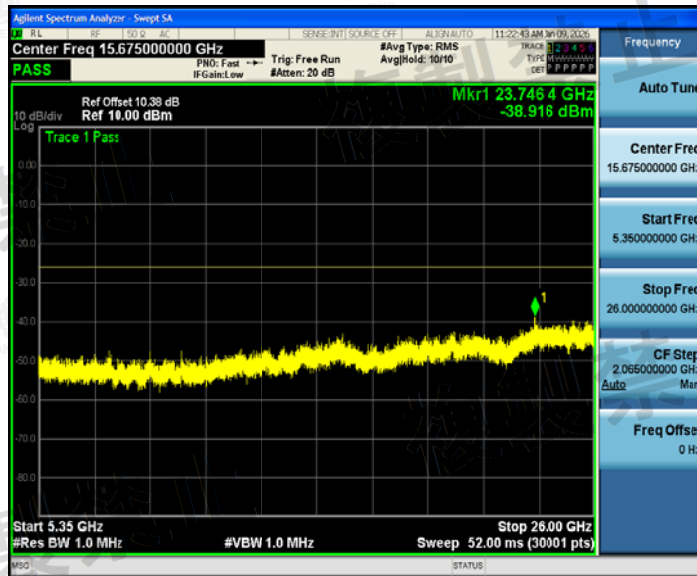
CH 64: 5320MHz - Frequency Band 3 ($5240 \text{ MHz} \leq f \leq 5249 \text{ MHz}$)



CH 64: 5320MHz - Frequency Band 4 ($5249 \text{ MHz} \leq f \leq 5250 \text{ MHz}$)

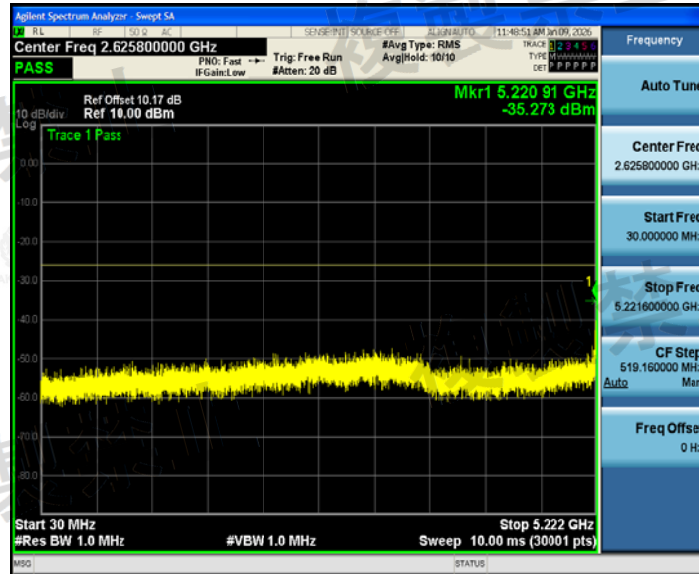


CH 64: 5320MHz - Frequency Band 5 (5350 MHz $\leq$ f $\leq$ 26000 MHz)

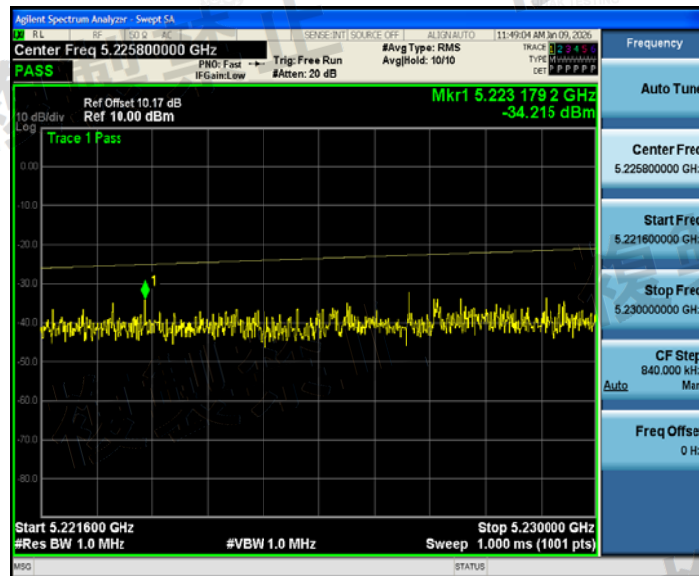


802.11ac(HT40)

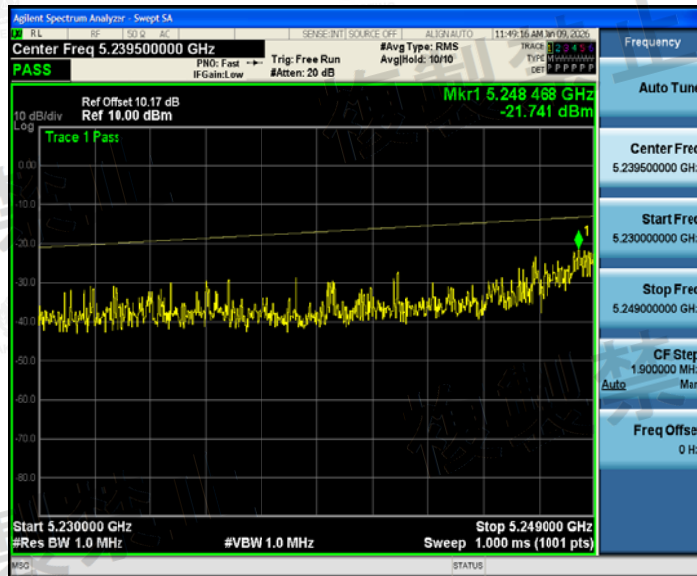
CH 54: 5270MHz - Frequency Band 1 ($30 \text{ MHz} \leq f \leq 5221.6 \text{ MHz}$)



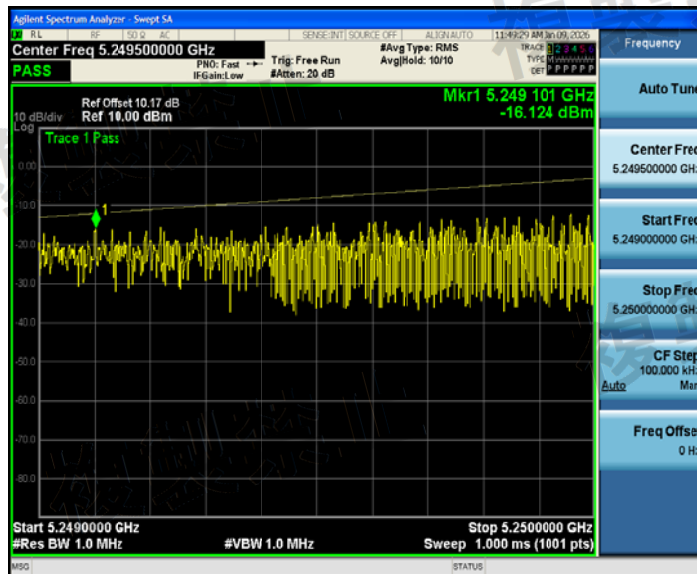
CH 54: 5270MHz - Frequency Band 2 ($5221.6 \text{ MHz} \leq f \leq 5230 \text{ MHz}$)



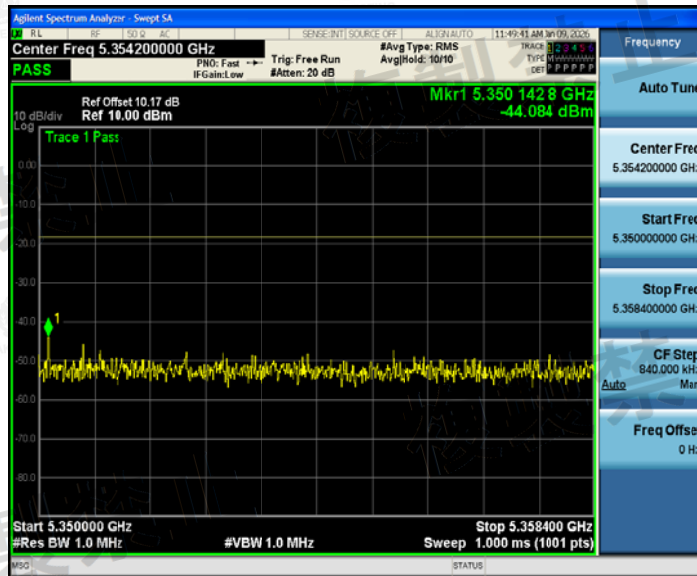
CH 54: 5270MHz - Frequency Band 3 (5230 MHz $\leq$ f $\leq$ 5249 MHz)



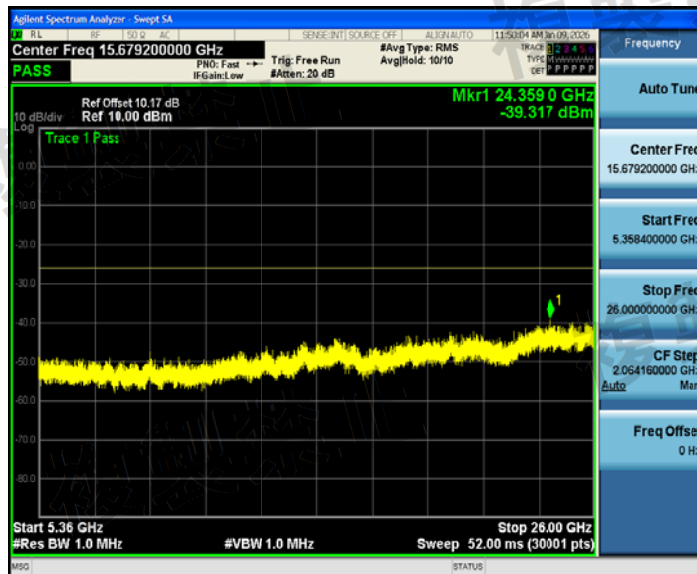
CH 54: 5270MHz - Frequency Band 4 (5249 MHz $\leq$ f $\leq$ 5250 MHz)



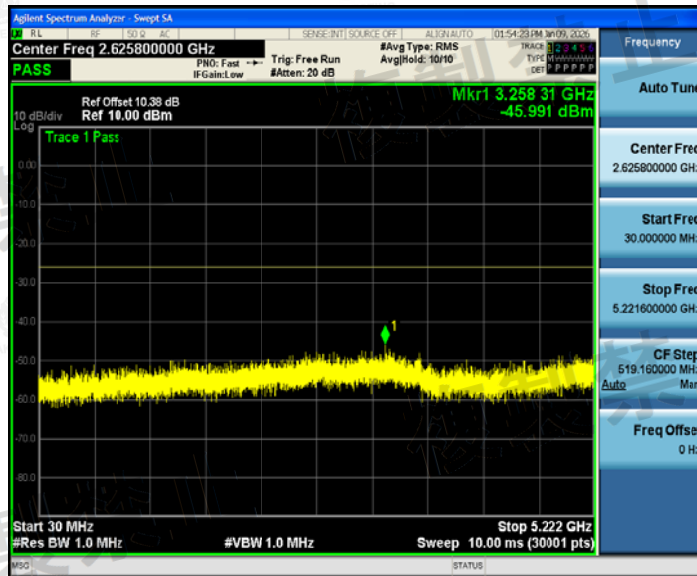
CH 54: 5270MHz - Frequency Band 5 ($5350 \text{ MHz} \leq f \leq 5348.4 \text{ MHz}$)



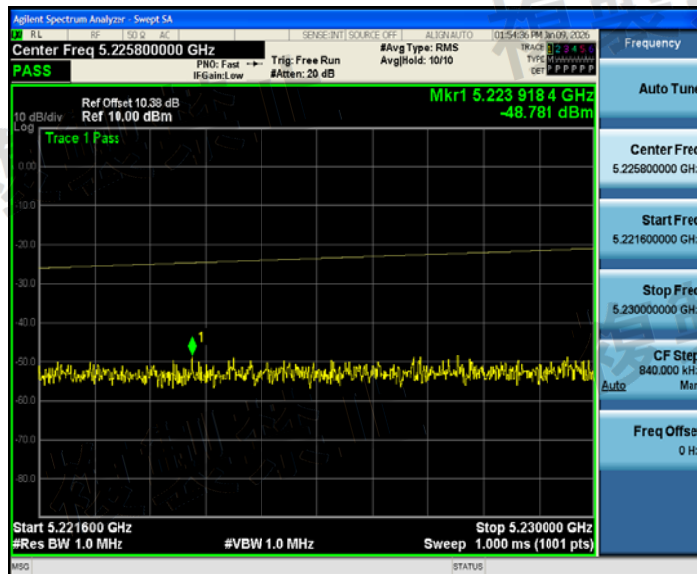
CH 54: 5270MHz - Frequency Band 6 ($5348.4 \text{ MHz} \leq f \leq 26000 \text{ MHz}$)



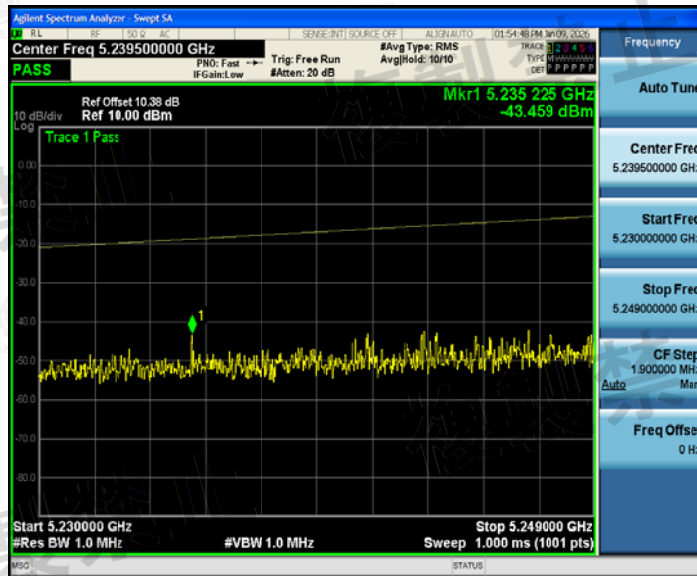
CH 62: 5310MHz - Frequency Band 1 (30 MHz $\leq$ f $\leq$ 5221.6 MHz)



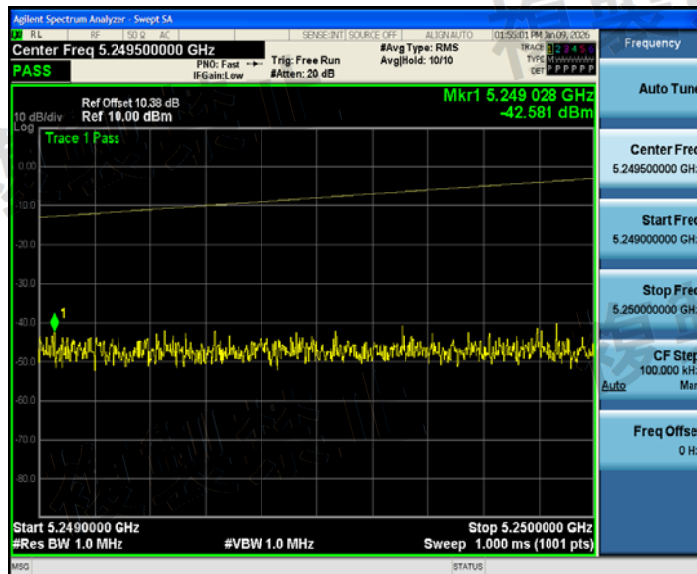
CH 62: 5310MHz - Frequency Band 2 (5221.6 MHz $\leq$ f $\leq$ 5230 MHz)



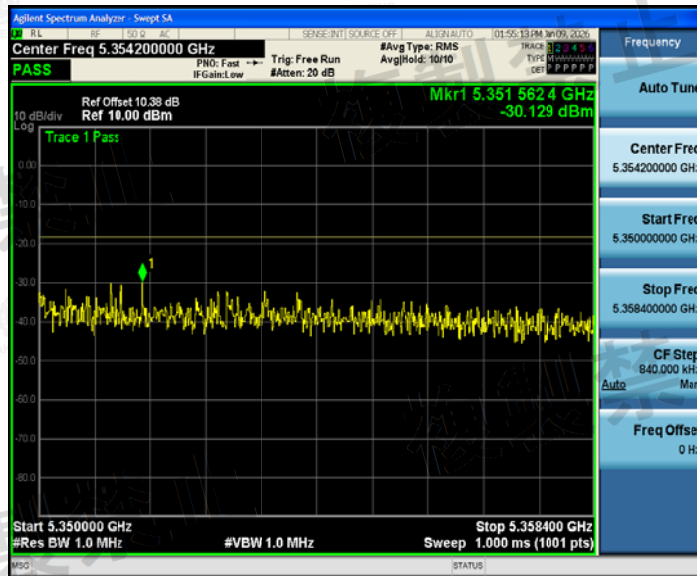
CH 62: 5310MHz - Frequency Band 3 (5230 MHz $\leq$ f $\leq$ 5249 MHz)



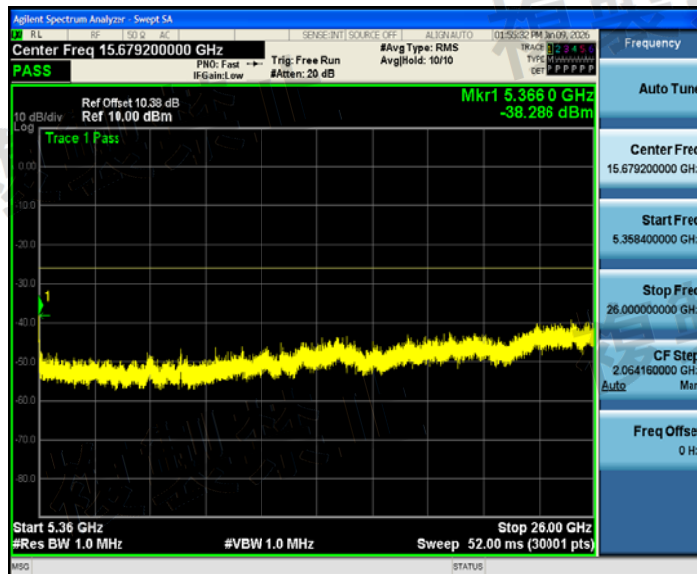
CH 62: 5310MHz - Frequency Band 4 (5249 MHz $\leq$ f $\leq$ 5250 MHz)



CH 62: 5310MHz - Frequency Band 5 (5350 MHz $\leq$ f $\leq$ 5348.4 MHz)

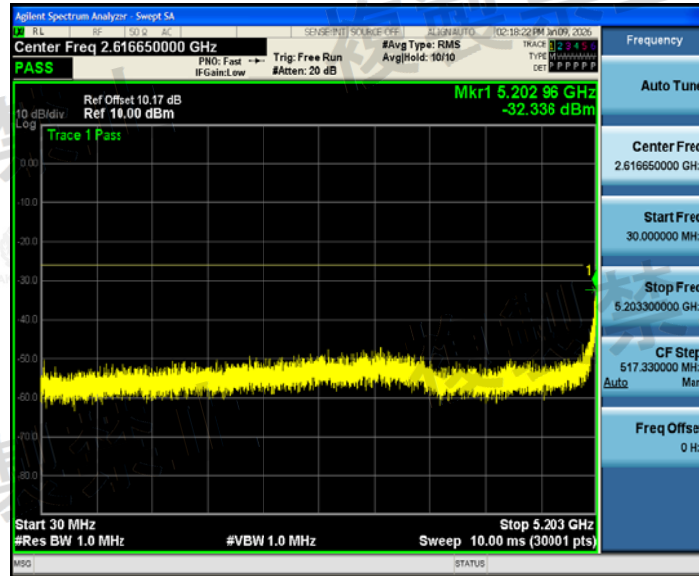


CH 62: 5310MHz - Frequency Band 6 (5348.4MHz $\leq$ f $\leq$ 26000 MHz)

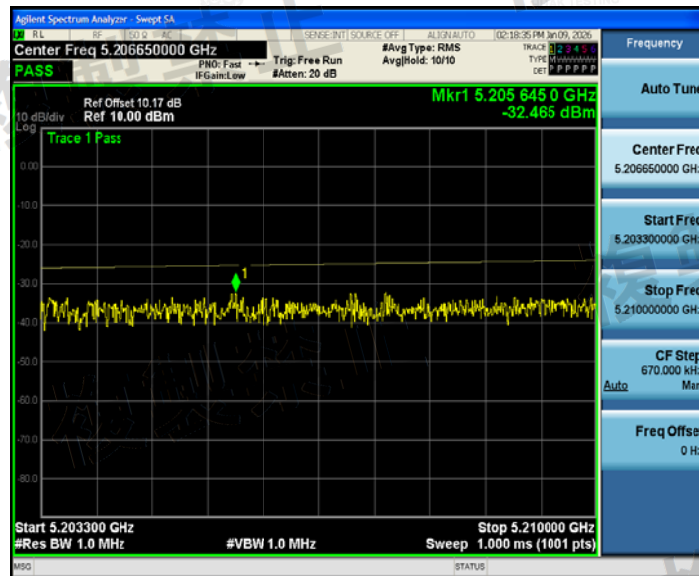


802.11ac(HT80)

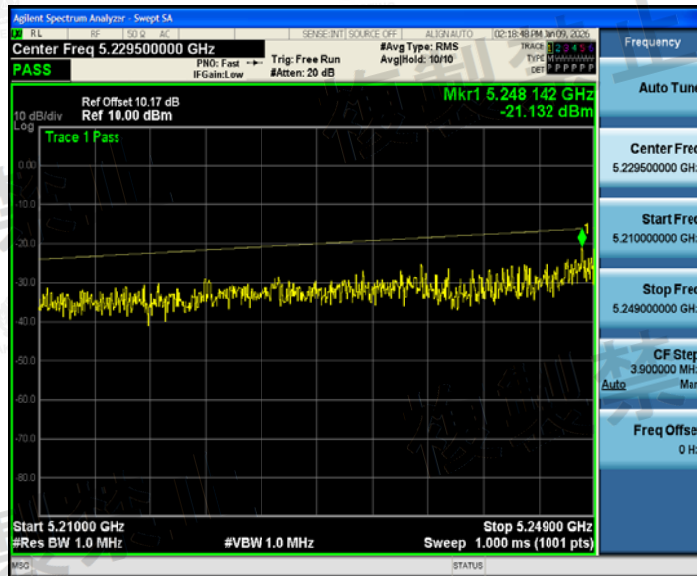
CH 58: 5290MHz - Frequency Band 1 ($30 \text{ MHz} \leq f \leq 5203.3 \text{ MHz}$)



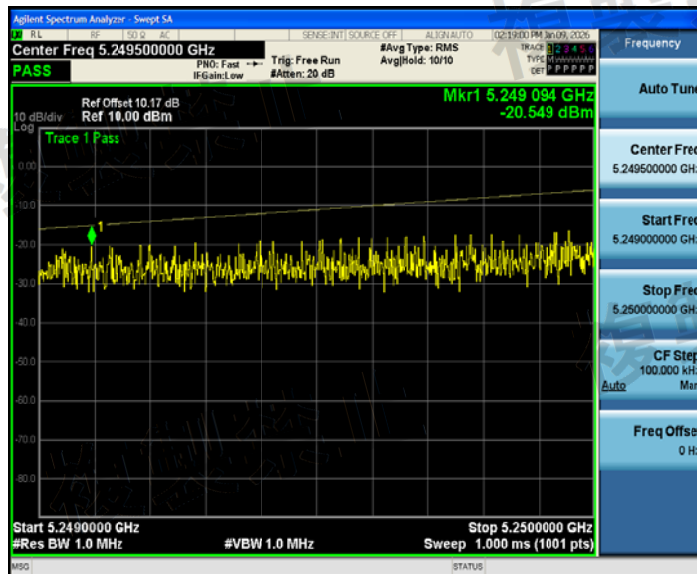
CH 58: 5290MHz - Frequency Band 2 ($5203.3 \text{ MHz} \leq f \leq 5210 \text{ MHz}$)



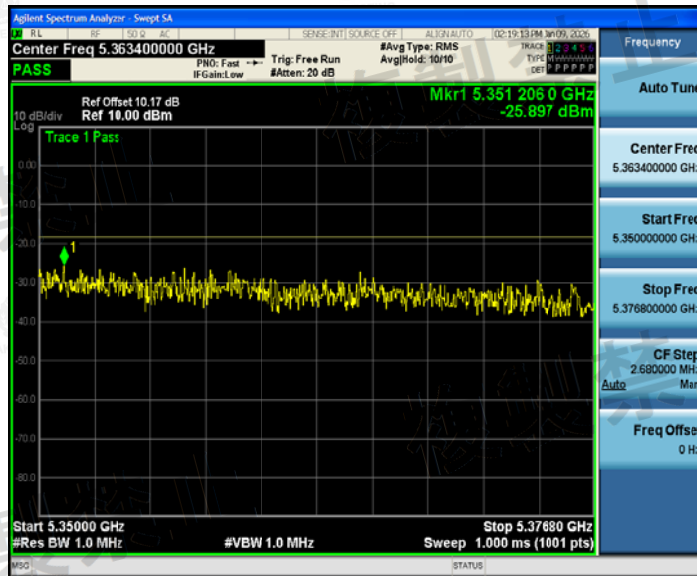
CH 58: 5290MHz - Frequency Band 3 ($5210 \text{ MHz} \leq f \leq 5249 \text{ MHz}$)



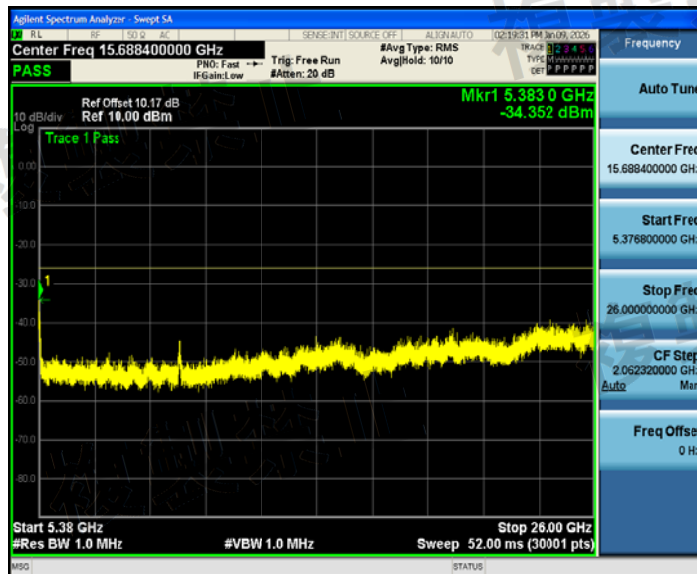
CH 58: 5290MHz - Frequency Band 4 ($5249 \text{ MHz} \leq f \leq 5250 \text{ MHz}$)



CH 58: 5290MHz - Frequency Band 5 ($5350 \text{ MHz} \leq f \leq 5376.8 \text{ MHz}$)



CH 58: 5290MHz - Frequency Band 6 ($5376.8 \text{ MHz} \leq f \leq 26000 \text{ MHz}$)





4.5 Limit of Secondary Radiated Emissions

4.5.1 Limit

Item	Limits	
RX Spurious Emission	HT20	$\leq 4\text{nW}$ ($f < 1\text{GHz}$) $\leq 20\text{nW}$ ($1\text{GHz} \leq 26.5\text{GHz}$)
	HT40	$\leq 4\text{nW}$ ($f < 1\text{GHz}$) $\leq 20\text{nW}$ ($1\text{GHz} \leq 26.5\text{GHz}$)
	HT80	$\leq 4\text{nW}$ ($f < 1\text{GHz}$) $\leq 20\text{nW}$ ($1\text{GHz} \leq 26.5\text{GHz}$)

4.5.2 Measuring Instruments and Setting

The following table is the setting of Spectrum Analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
RB	100 kHz (below 1GHz emissions) 1 MHz (above 1GHz emissions)
VB	100 kHz (below 1GHz emissions) 1 MHz (above 1GHz emissions)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

4.5.3 Test Procedures

1. EUT have the continuous reception mode and fixed only one channelize.
2. Setting of SA is following as RB / VB: 100 kHz (below 1GHz emissions) / 1 MHz (above 1GHz emissions) /
AT: 6dB / Ref: 5.76dBm / Sweep time: Auto / Sweep Mode: Continuous sweep /
Detect mode: Positive peak / Trace mode: Max hold
3. SA set RB: 100kHz and VB: 100kHz. Then adjust to start frequency 30MHz and stop frequency 1000MHz. Search to mark peak reading value + cable loss shall be less than 4nW
4. SA set RB: 1MHz and VB: 1MHz. Then adjust to start frequency 1000MHz and stop frequency 12500MHz. Search to mark peak reading value + cable loss shall be less than 20nW
5. If power level of lower emissions are more than 1/10 of limit (0.4nW for $f < 1\text{GHz}$, 2nW for $f \geq 1\text{GHz}$), all those are to be indicated in the 2nd and 3rd lines. If others are 1/10 or less more of the limit, no necessary to be indicated.



4.5.4 Test Result

EUT:	Air Reflector	Test Date:	Apr. 11, 2023
Temperature:	25°C	Tested by:	Len Liao
Humidity:	55 % RH	Test Voltage	Normal Voltage
Operation Mode:	Normal Voltage		

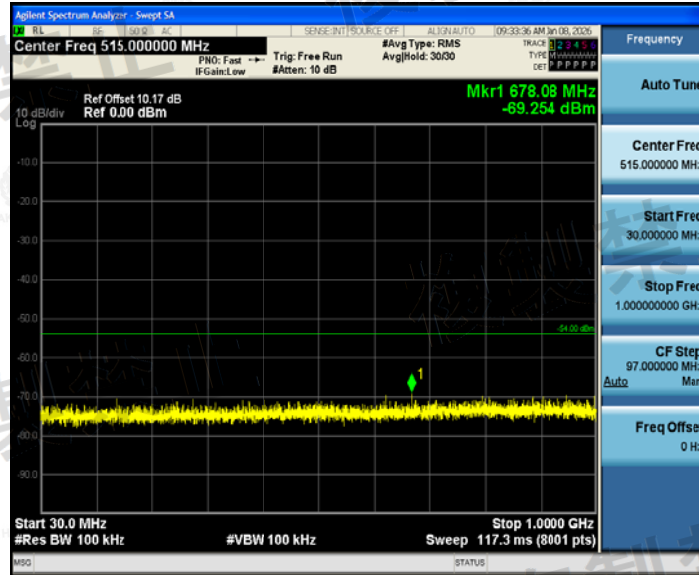
For ANT.1

Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	Mkr Fre [MHz]	Max.Fre [dBm]	Max.Level [nW]	Limit [nW]	Verdict
802.11a	5260	30	1000	678.08	-69.25	0.11885	<4	PASS
802.11a	5260	1000	26000	25788.74	-52.56	5.54626	<20	PASS
802.11a	5280	30	1000	887.84	-69.58	0.11015	<4	PASS
802.11a	5280	1000	26000	25711.24	-52.72	5.34564	<20	PASS
802.11a	5320	30	1000	754.23	-69.64	0.10864	<4	PASS
802.11a	5320	1000	26000	25768.74	-51.18	7.62079	<20	PASS
802.11n(HT20)	5260	30	1000	781.14	-69.44	0.11376	<4	PASS
802.11n(HT20)	5260	1000	26000	24933.70	-52.73	5.33335	<20	PASS
802.11n(HT20)	5280	30	1000	434.49	-69.95	0.10116	<4	PASS
802.11n(HT20)	5280	1000	26000	25212.46	-52.38	5.78096	<20	PASS
802.11n(HT20)	5320	30	1000	924.83	-69.17	0.12106	<4	PASS
802.11n(HT20)	5320	1000	26000	25692.48	-52.18	6.05341	<20	PASS
802.11n(HT40)	5270	30	1000	796.54	-69.80	0.10471	<4	PASS
802.11n(HT40)	5270	1000	26000	25714.99	-52.89	5.14044	<20	PASS
802.11n(HT40)	5310	30	1000	589.81	-69.81	0.10447	<4	PASS
802.11n(HT40)	5310	1000	26000	24647.43	-52.74	5.32108	<20	PASS
802.11ac(HT20)	5260	30	1000	800.79	-70.04	0.09908	<4	PASS
802.11ac(HT20)	5260	1000	26000	25742.49	-51.87	6.50130	<20	PASS
802.11ac(HT20)	5280	30	1000	820.07	-70.20	0.09550	<4	PASS
802.11ac(HT20)	5280	1000	26000	25769.99	-52.48	5.64937	<20	PASS
802.11ac(HT20)	5320	30	1000	809.40	-68.85	0.13032	<4	PASS
802.11ac(HT20)	5320	1000	26000	23854.89	-52.39	5.76766	<20	PASS
802.11ac(HT40)	5270	30	1000	680.51	-70.22	0.09506	<4	PASS
802.11ac(HT40)	5270	1000	26000	25212.46	-52.25	5.95662	<20	PASS
802.11ac(HT40)	5310	30	1000	921.67	-69.07	0.12388	<4	PASS
802.11ac(HT40)	5310	1000	26000	25272.46	-52.36	5.80764	<20	PASS
802.11ac(HT80)	5290	30	1000	826.25	-69.60	0.10965	<4	PASS
802.11ac(HT80)	5290	1000	26000	24252.41	-52.68	5.39511	<20	PASS

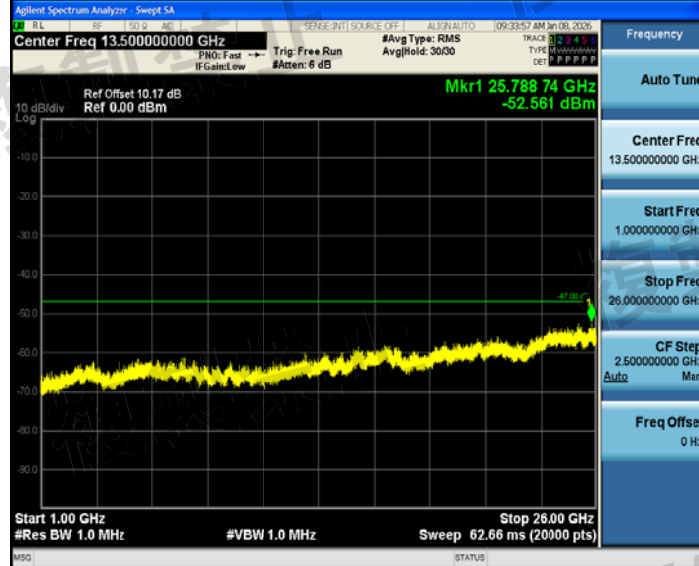
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 15 days only. The document is issued by Shenzhen HUAKE Testing Technology Co., Ltd., this document cannot be reproduced except in full with our prior written permission.

802.11a 5260MHz

RX-Frequency Band 1 (30 MHz $\leq$ f < 1000 MHz)

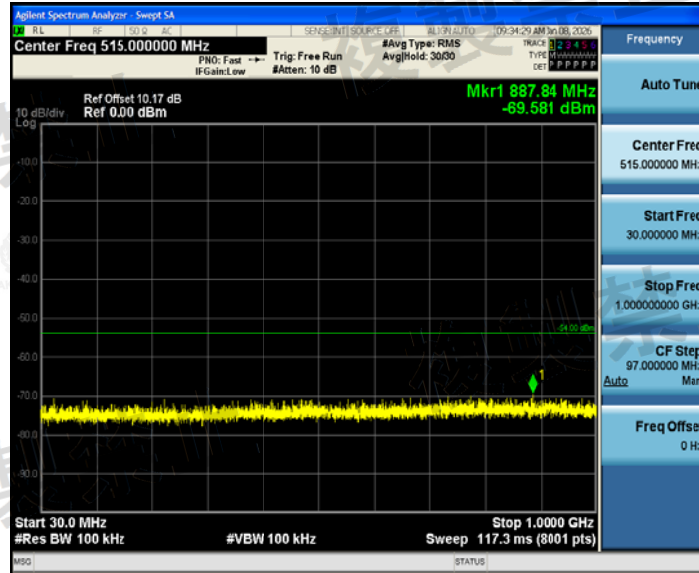


RX-Frequency Band 2 (1000 MHz $\leq$ f < 26000 MHz)

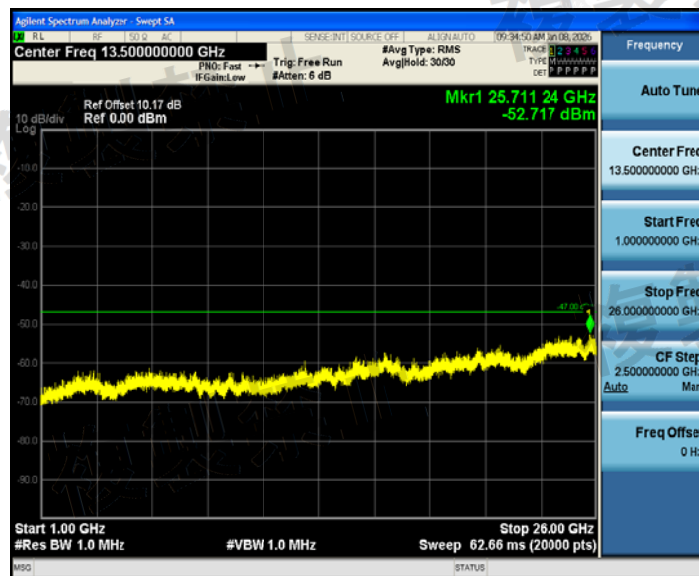


802.11a 5280MHz

RX-Frequency Band 1 (30 MHz $\leq f < 1000$ MHz)

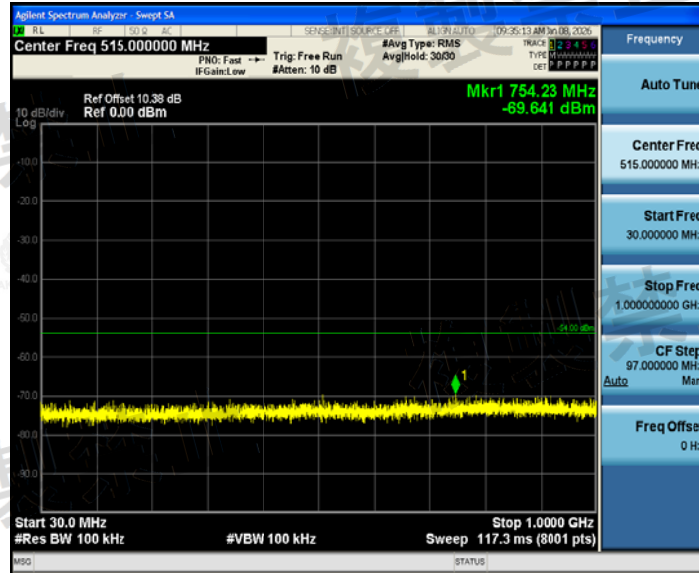


RX-Frequency Band 2 (1000 MHz $\leq f < 26000$ MHz)

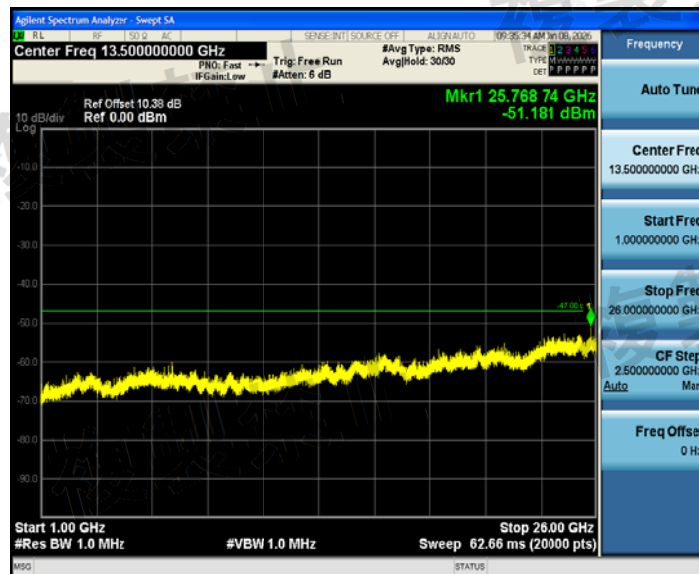


802.11a 5320MHz

RX-Frequency Band 1 (30 MHz $\leq f < 1000$ MHz)

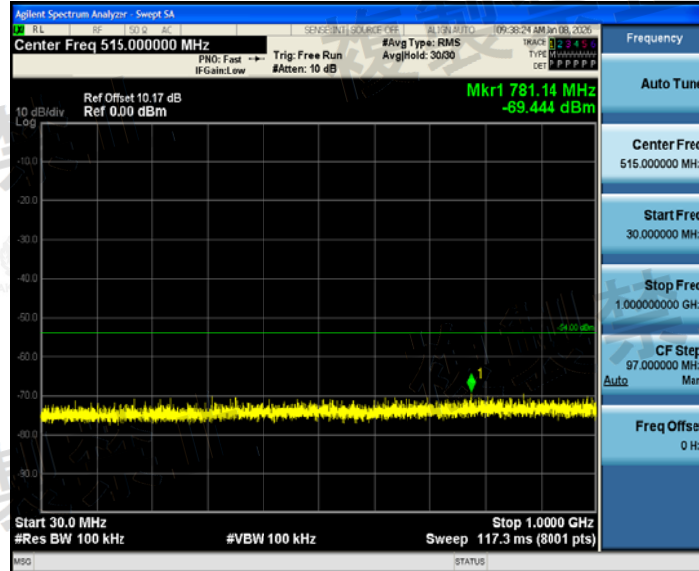


RX-Frequency Band 2 (1000 MHz $\leq f < 26000$ MHz)

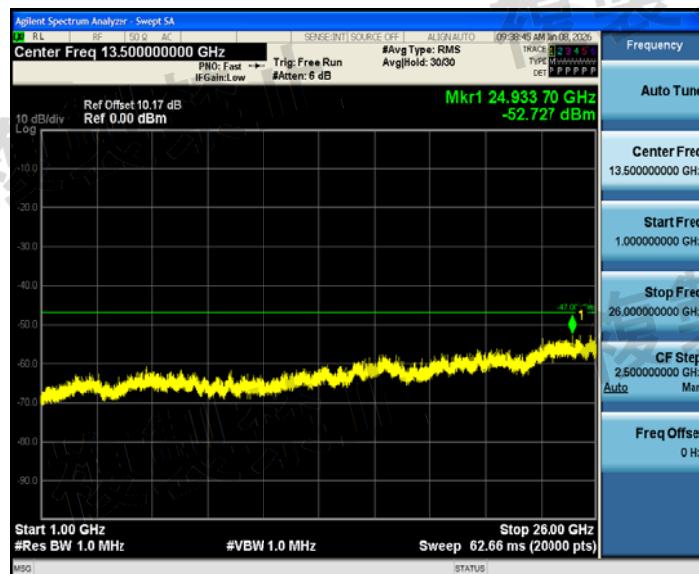


802.11n(HT20) 5260MHz

RX-Frequency Band 1 (30 MHz $\leq$ f < 1000 MHz)

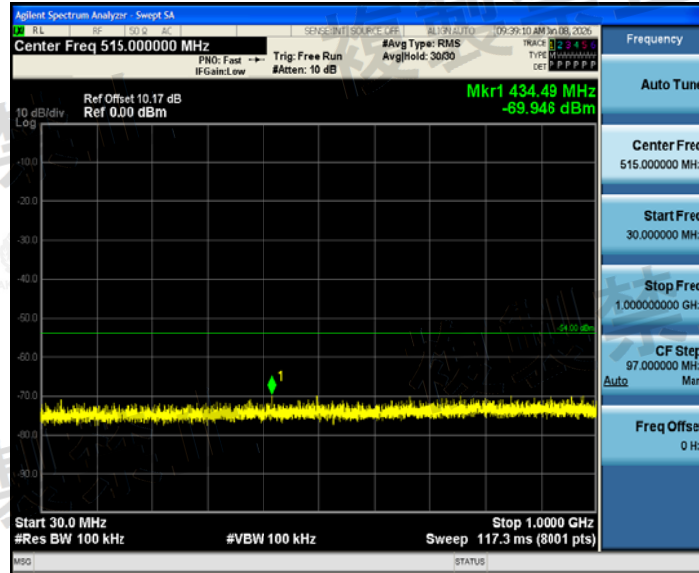


RX-Frequency Band 2 (1000 MHz $\leq$ f < 26000 MHz)

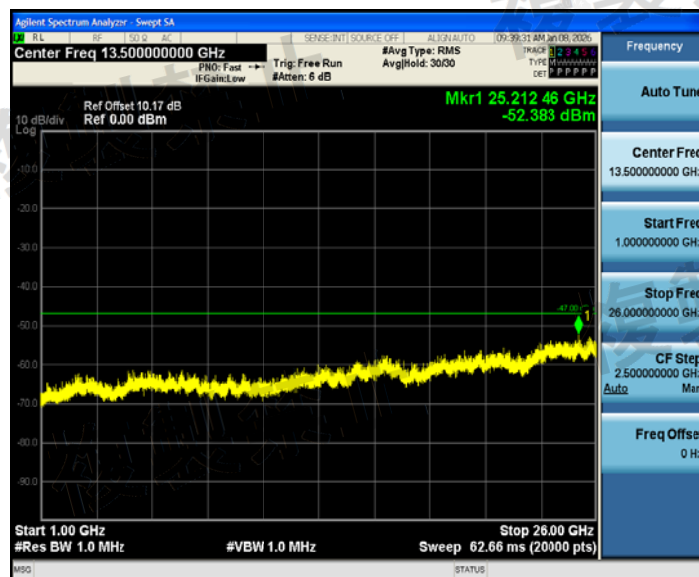


802.11n(HT20) 5280MHz

RX-Frequency Band 1 (30 MHz $\leq f < 1000$ MHz)

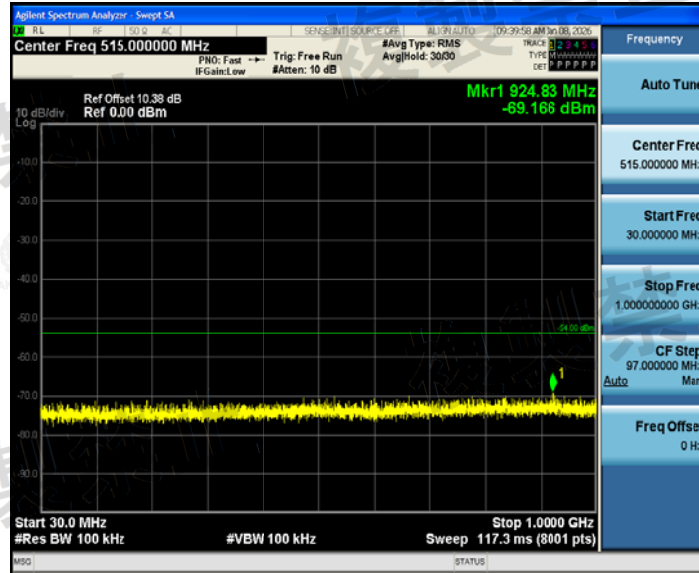


RX-Frequency Band 2 (1000 MHz $\leq f < 26000$ MHz)

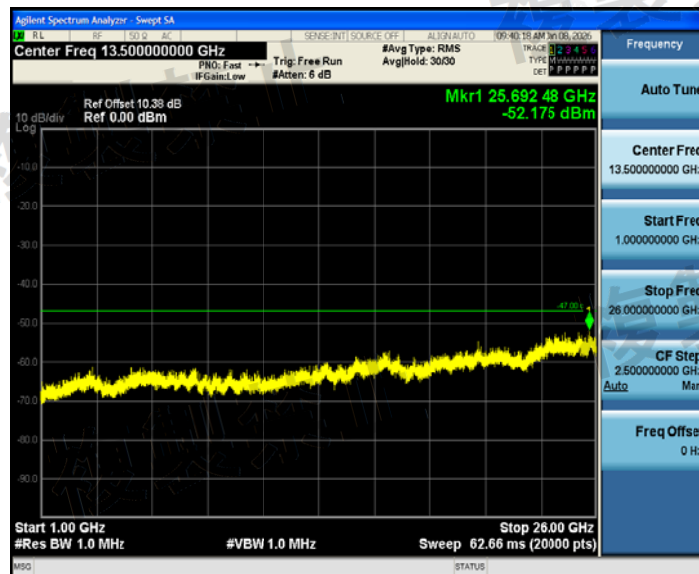


802.11n(HT20) 5320MHz

RX-Frequency Band 1 (30 MHz $\leq$ f < 1000 MHz)

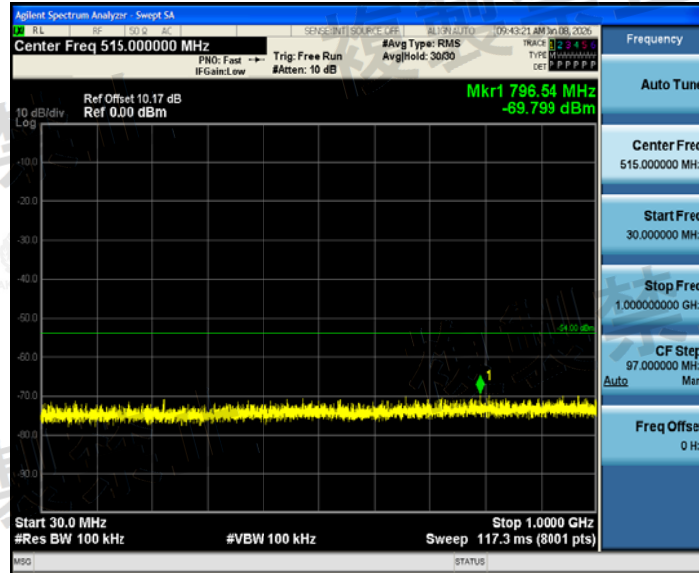


RX-Frequency Band 2 (1000 MHz $\leq$ f < 26000 MHz)



802.11n(HT40) 5270MHz

RX-Frequency Band 1 (30 MHz $\leq f < 1000$ MHz)

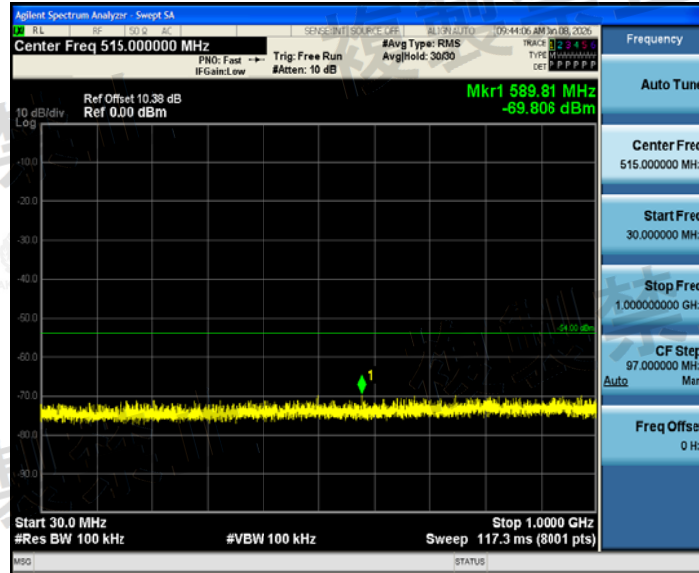


RX-Frequency Band 2 (1000 MHz $\leq f < 26000$ MHz)

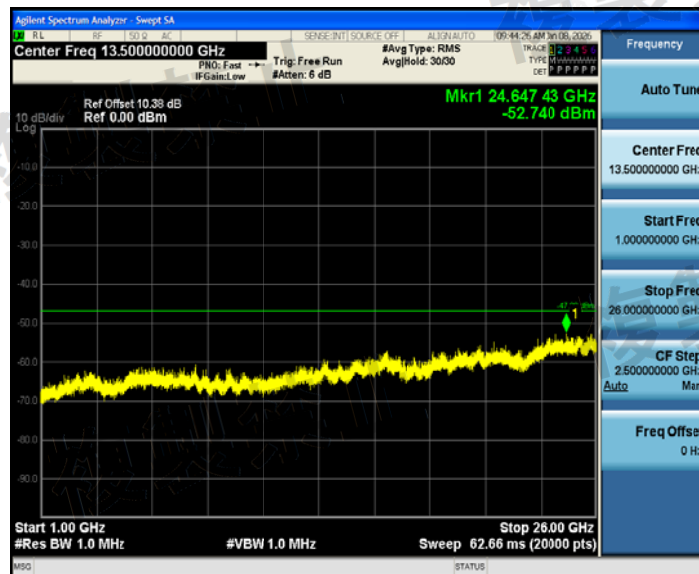


802.11n(HT40) 5310MHz

RX-Frequency Band 1 (30 MHz $\leq f < 1000$ MHz)

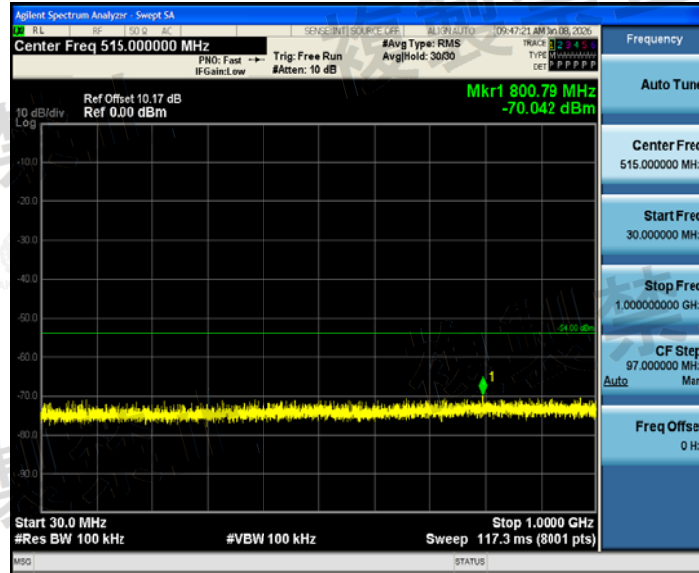


RX-Frequency Band 2 (1000 MHz $\leq f < 26000$ MHz)

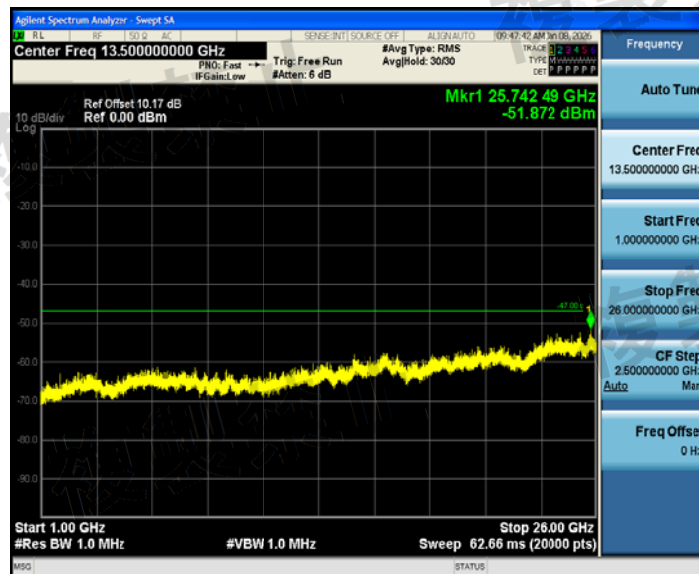


802.11ac(HT20) 5260MHz

RX-Frequency Band 1 (30 MHz $\leq f < 1000$ MHz)

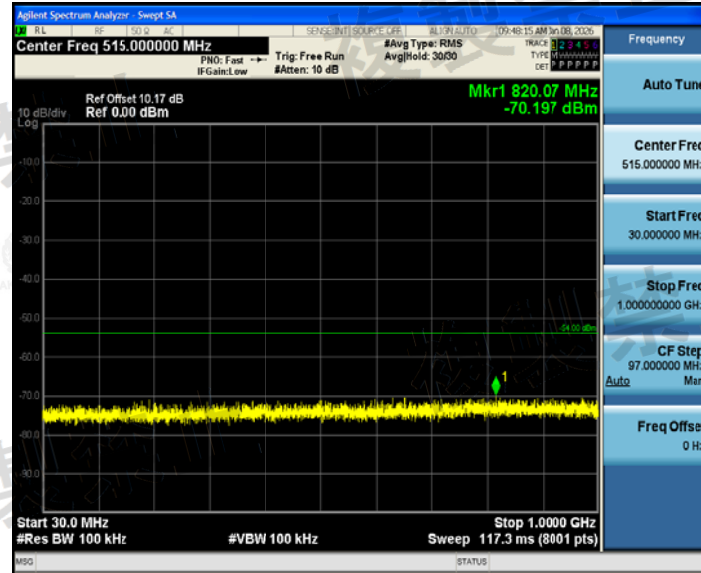


RX-Frequency Band 2 (1000 MHz $\leq f < 26000$ MHz)

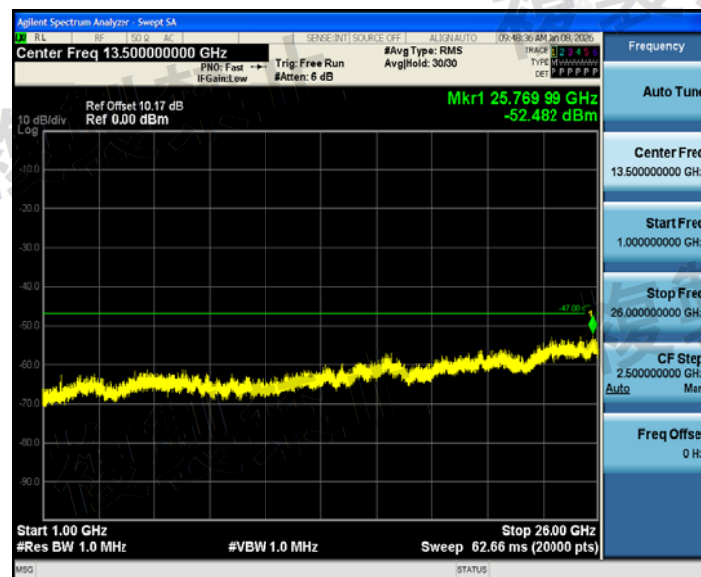


802.11ac(HT20) 5280MHz

RX-Frequency Band 1 (30 MHz $\leq f < 1000$ MHz)

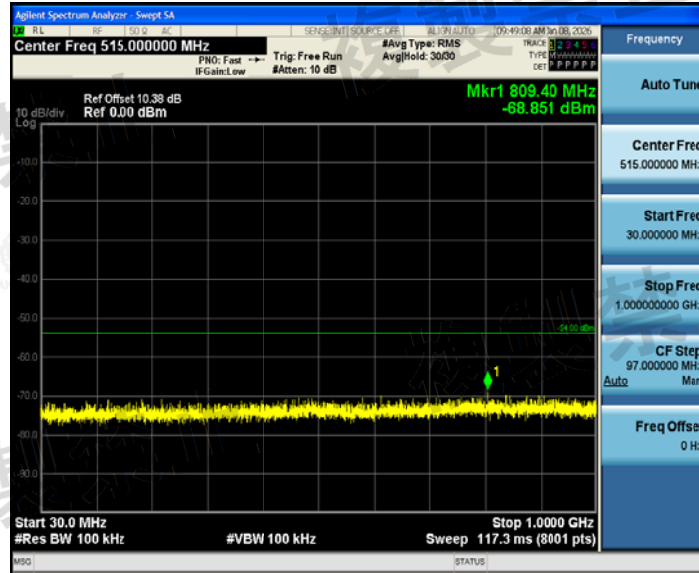


RX-Frequency Band 2 (1000 MHz $\leq f < 26000$ MHz)

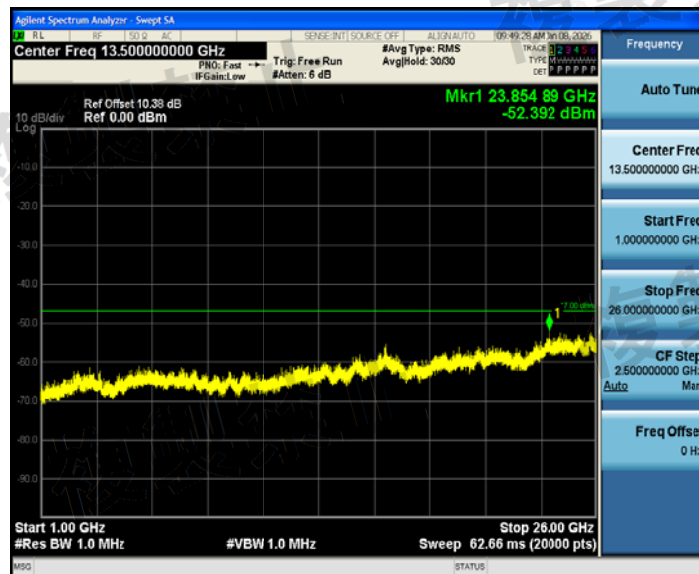


802.11ac(HT20) 5320MHz

RX-Frequency Band 1 (30 MHz $\leq$ f < 1000 MHz)

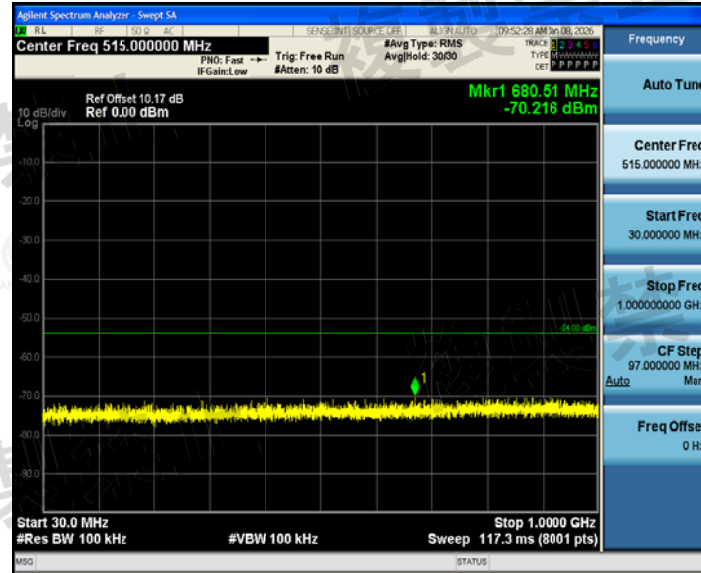


RX-Frequency Band 2 (1000 MHz $\leq$ f < 26000 MHz)

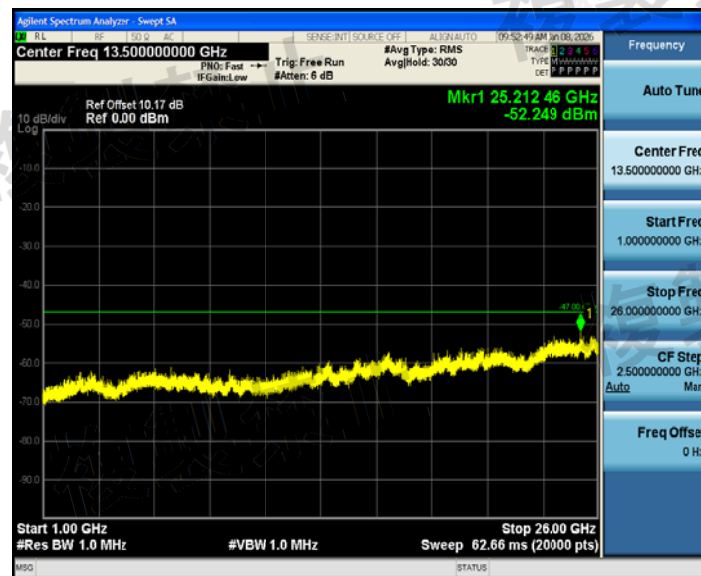


802.11ac(HT40) 5270MHz

RX-Frequency Band 1 (30 MHz $\leq$ f < 1000 MHz)

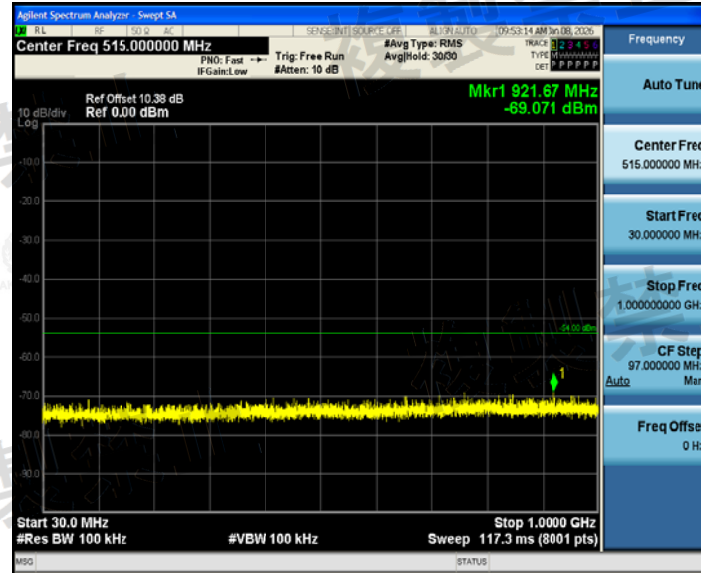


RX-Frequency Band 2 (1000 MHz $\leq$ f < 26000 MHz)

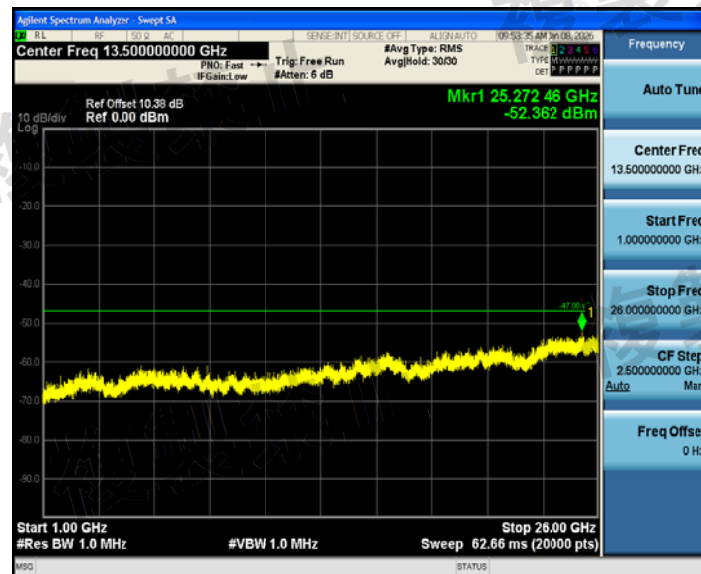


802.11ac(HT40) 5310MHz

RX-Frequency Band 1 (30 MHz $\leq f < 1000$ MHz)

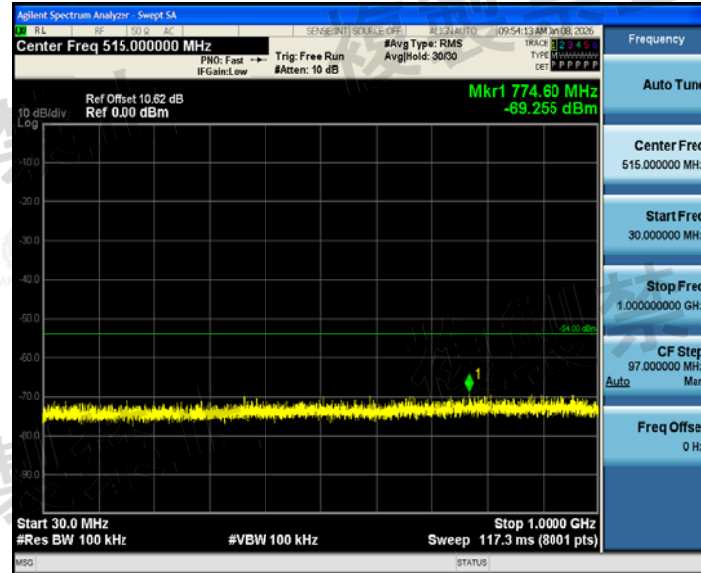


RX-Frequency Band 2 (1000 MHz $\leq f < 26000$ MHz)

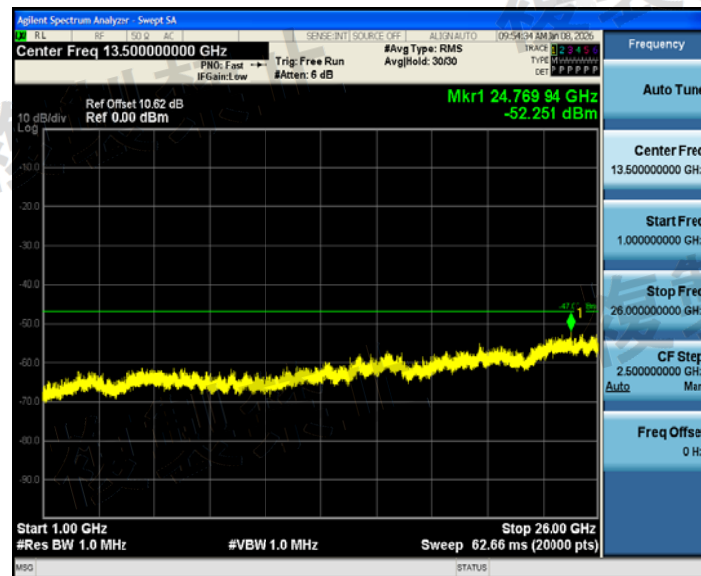


802.11ac(HT80) 5290MHz

RX-Frequency Band 1 (30 MHz $\leq f < 1000$ MHz)



RX-Frequency Band 2 (1000 MHz $\leq f < 26000$ MHz)





HUAKE TESTING

For ANT.2

Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	Mkr Fre [MHz]	Max.Fre [dBm]	Max.Level [nW]	Limit [nW]	Verdict
802.11a	5260	30	1000	793.51	-70.03	0.09931	<4	PASS
802.11a	5260	1000	26000	25212.46	-52.38	5.78096	<20	PASS
802.11a	5280	30	1000	867.84	-69.42	0.11429	<4	PASS
802.11a	5280	1000	26000	24829.94	-52.57	5.53350	<20	PASS
802.11a	5320	30	1000	718.09	-69.17	0.12106	<4	PASS
802.11a	5320	1000	26000	25717.49	-52.16	6.08135	<20	PASS
802.11n(HT20)	5260	30	1000	925.07	-69.32	0.11695	<4	PASS
802.11n(HT20)	5260	1000	26000	25736.24	-52.28	5.91562	<20	PASS
802.11n(HT20)	5280	30	1000	765.38	-69.17	0.12106	<4	PASS
802.11n(HT20)	5280	1000	26000	25729.99	-51.58	6.95024	<20	PASS
802.11n(HT20)	5320	30	1000	775.69	-68.88	0.12942	<4	PASS
802.11n(HT20)	5320	1000	26000	25128.71	-52.64	5.44503	<20	PASS
802.11n(HT40)	5270	30	1000	862.75	-69.74	0.10617	<4	PASS
802.11n(HT40)	5270	1000	26000	25669.98	-52.10	6.16595	<20	PASS
802.11n(HT40)	5310	30	1000	886.03	-69.22	0.11967	<4	PASS
802.11n(HT40)	5310	1000	26000	25173.71	-52.47	5.66239	<20	PASS
802.11ac(HT20)	5260	30	1000	783.69	-69.13	0.12218	<4	PASS
802.11ac(HT20)	5260	1000	26000	25757.49	-52.32	5.86138	<20	PASS
802.11ac(HT20)	5280	30	1000	925.07	-69.36	0.11588	<4	PASS
802.11ac(HT20)	5280	1000	26000	25806.24	-52.08	6.19441	<20	PASS
802.11ac(HT20)	5320	30	1000	752.29	-69.54	0.11117	<4	PASS
802.11ac(HT20)	5320	1000	26000	25264.96	-51.35	7.32825	<20	PASS
802.11ac(HT40)	5270	30	1000	928.22	-69.83	0.10399	<4	PASS
802.11ac(HT40)	5270	1000	26000	25724.99	-52.09	6.18016	<20	PASS
802.11ac(HT40)	5310	30	1000	832.07	-69.68	0.10765	<4	PASS
802.11ac(HT40)	5310	1000	26000	25716.24	-51.95	6.38263	<20	PASS
802.11ac(HT80)	5290	30	1000	776.17	-70.03	0.09931	<4	PASS
802.11ac(HT80)	5290	1000	26000	25297.46	-52.91	5.11682	<20	PASS

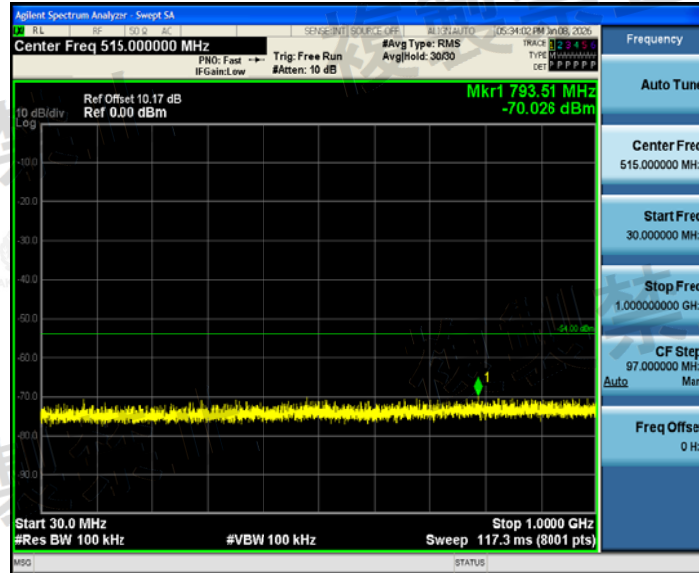
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Shenzhen HUAKE Testing Technology Co., Ltd. Tel.: +86-0755-2302 9901 E-mail: info@huak.com Web.: www.huak.com

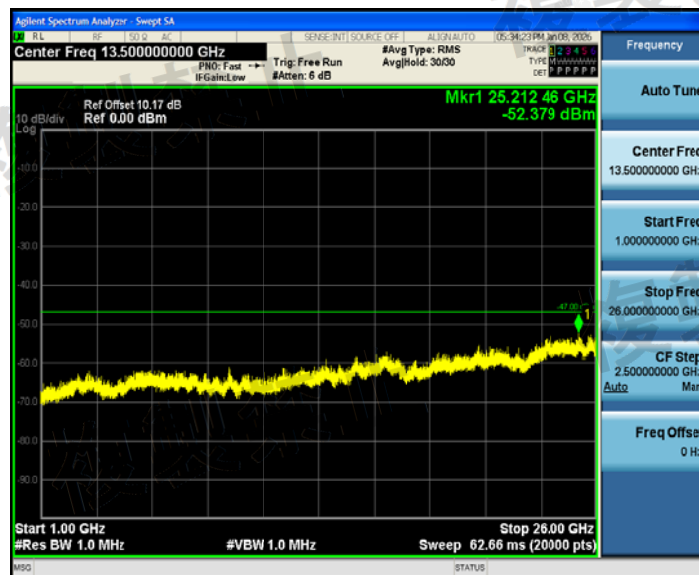
Add.: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

802.11a 5260MHz

RX-Frequency Band 1 (30 MHz $\leq$ f < 1000 MHz)

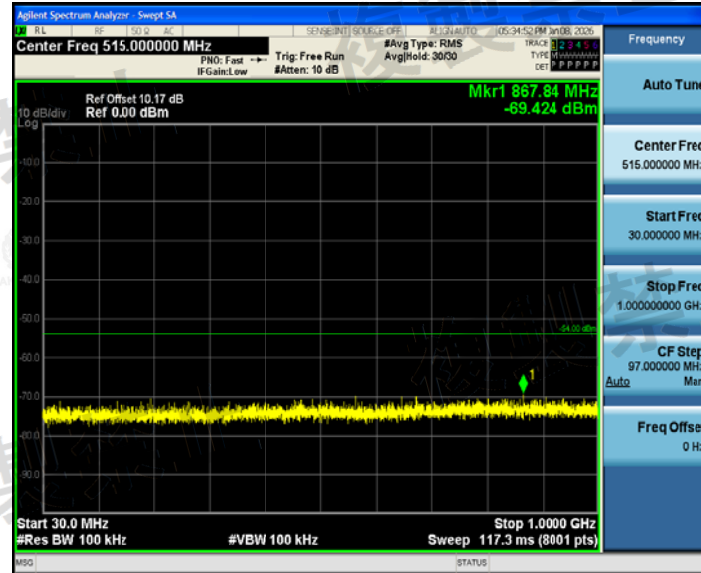


RX-Frequency Band 2 (1000 MHz $\leq$ f < 26000 MHz)

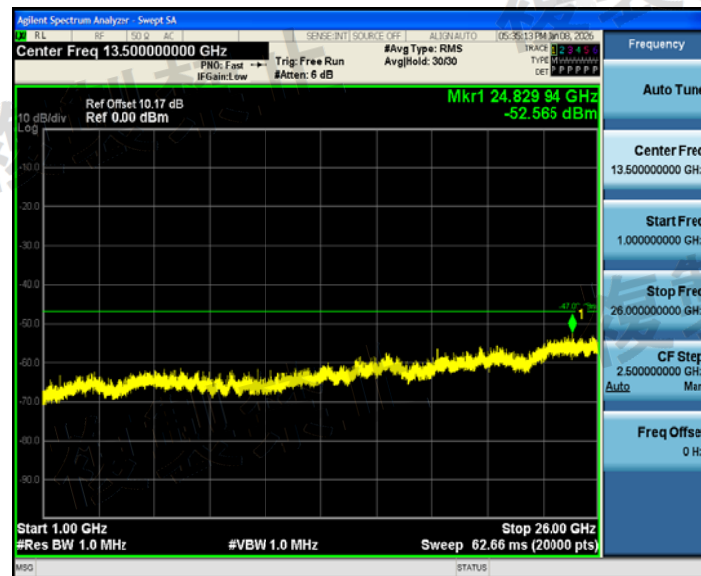


802.11a 5280MHz

RX-Frequency Band 1 (30 MHz $\leq$ f < 1000 MHz)

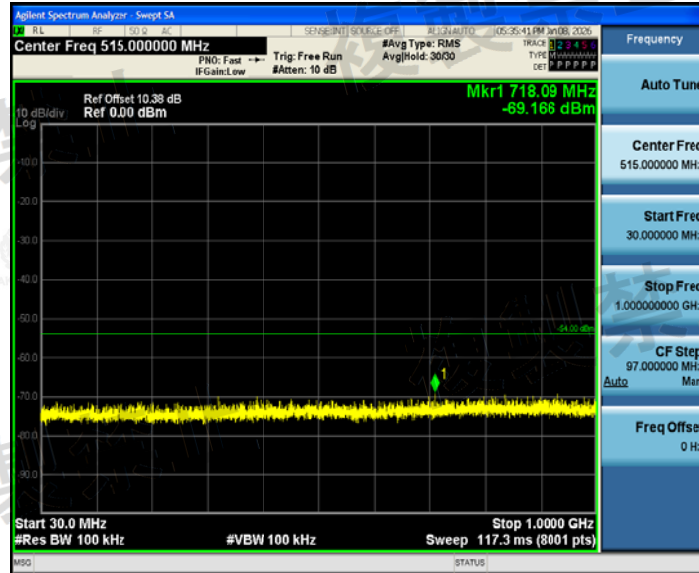


RX-Frequency Band 2 (1000 MHz $\leq$ f < 26000 MHz)

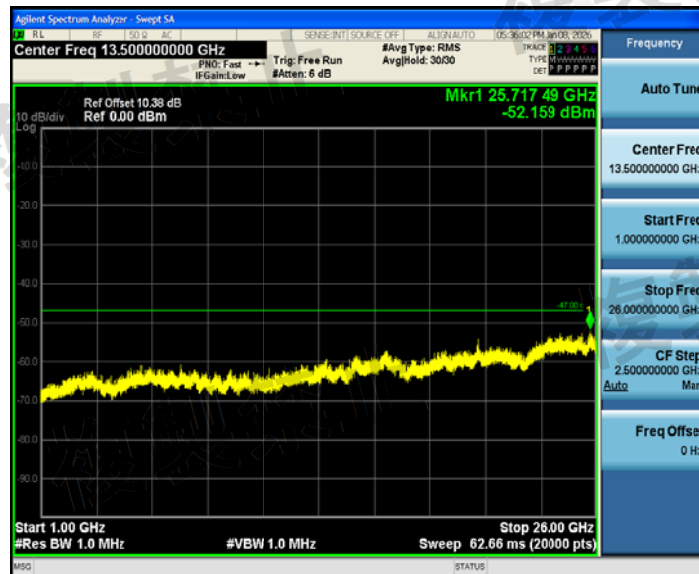


802.11a 5320MHz

RX-Frequency Band 1 (30 MHz $\leq$ f < 1000 MHz)

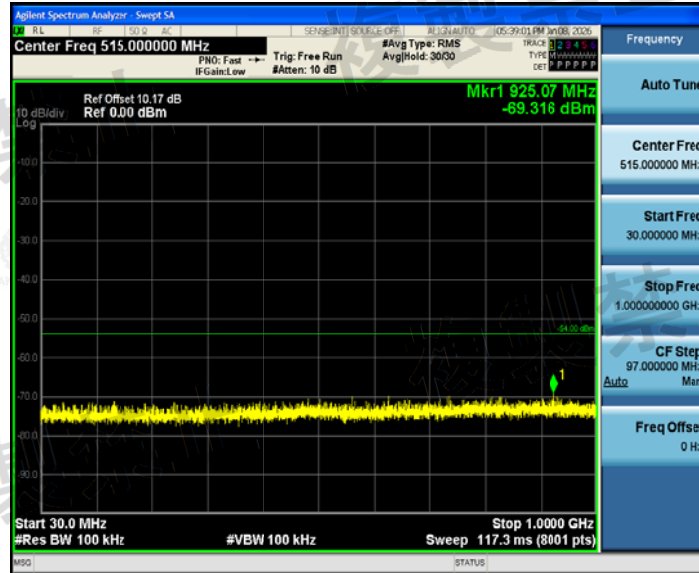


RX-Frequency Band 2 (1000 MHz $\leq$ f < 26000 MHz)

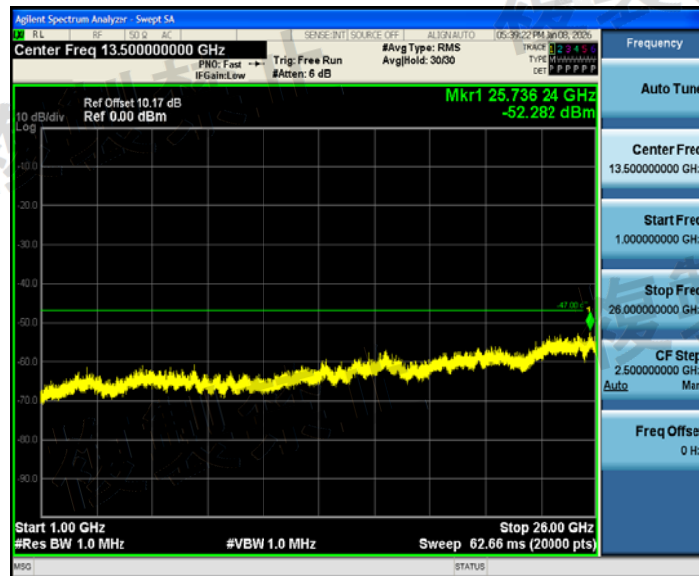


802.11n(HT20) 5260MHz

RX-Frequency Band 1 (30 MHz $\leq$ f < 1000 MHz)

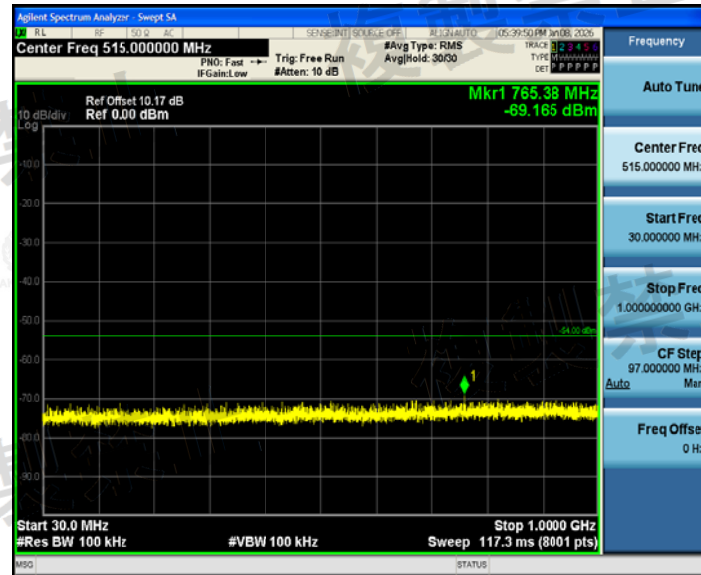


RX-Frequency Band 2 (1000 MHz $\leq$ f < 26000 MHz)

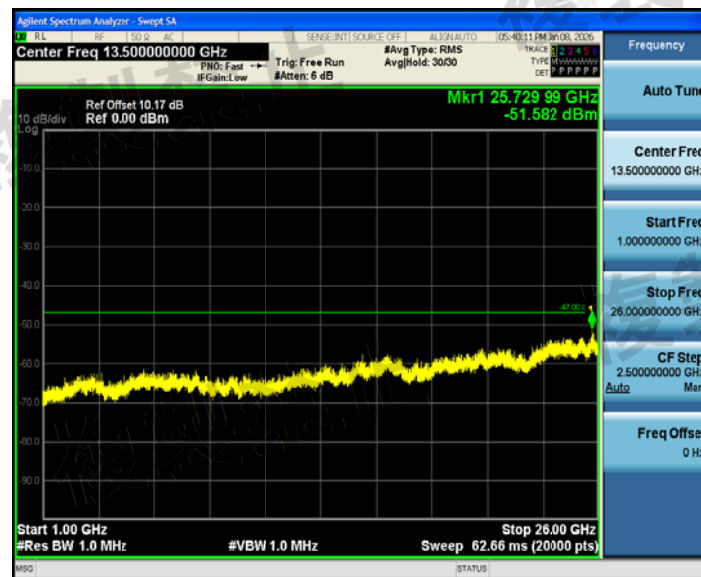


802.11n(HT20) 5280MHz

RX-Frequency Band 1 (30 MHz $\leq f < 1000$ MHz)

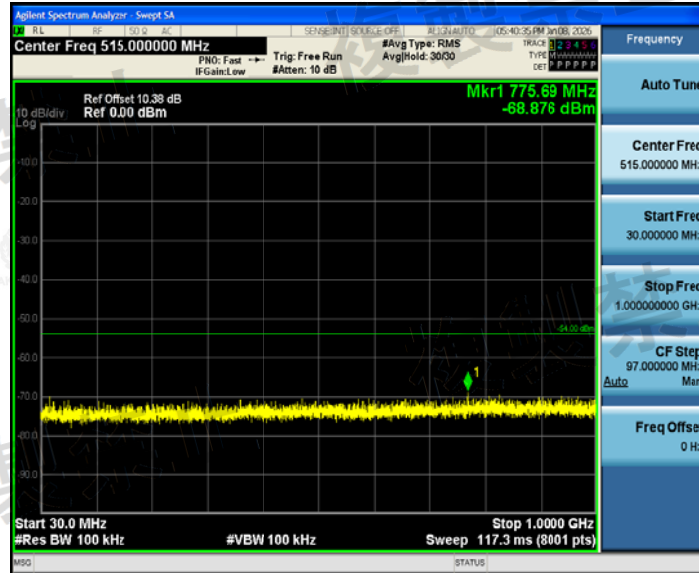


RX-Frequency Band 2 (1000 MHz $\leq f < 26000$ MHz)

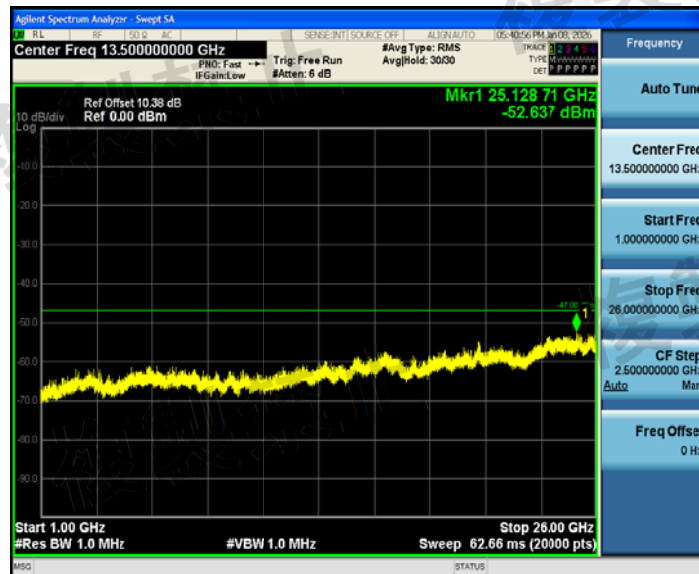


802.11n(HT20) 5320MHz

RX-Frequency Band 1 (30 MHz $\leq$ f < 1000 MHz)

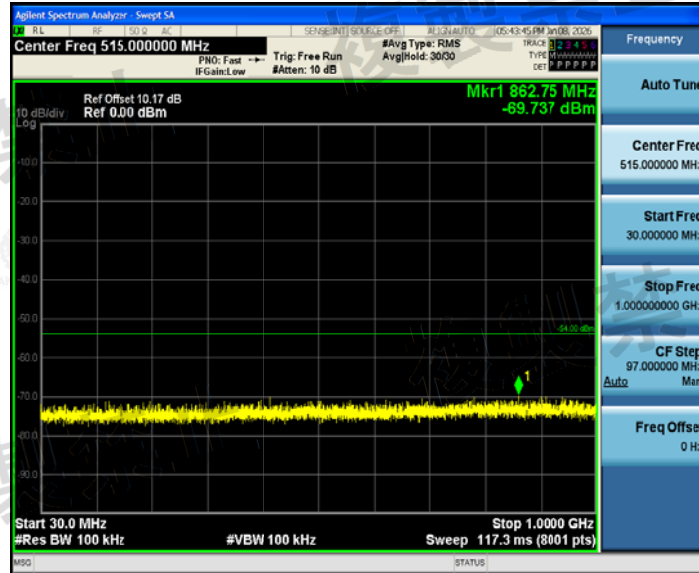


RX-Frequency Band 2 (1000 MHz $\leq$ f < 26000 MHz)



802.11n(HT40) 5270MHz

RX-Frequency Band 1 (30 MHz $\leq f < 1000$ MHz)

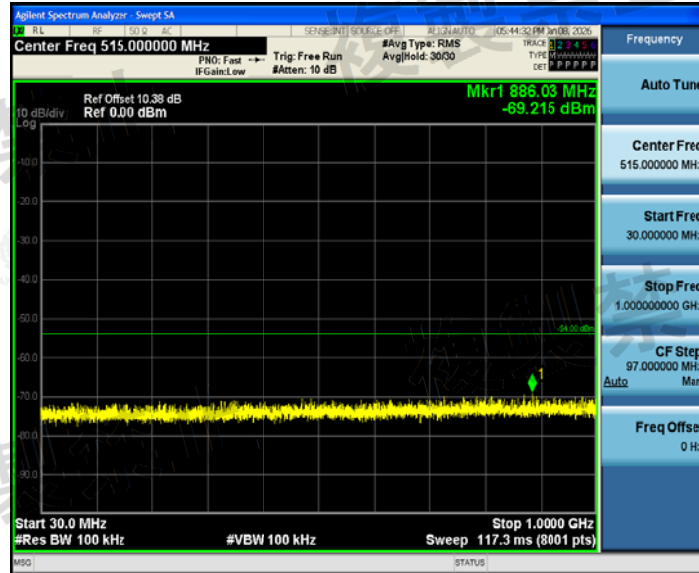


RX-Frequency Band 2 (1000 MHz $\leq f < 26000$ MHz)

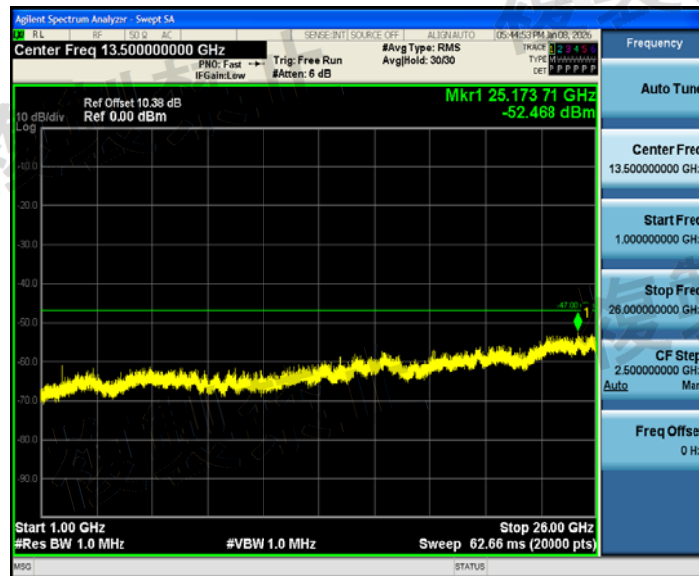


802.11n(HT40) 5310MHz

RX-Frequency Band 1 (30 MHz $\leq$ f < 1000 MHz)

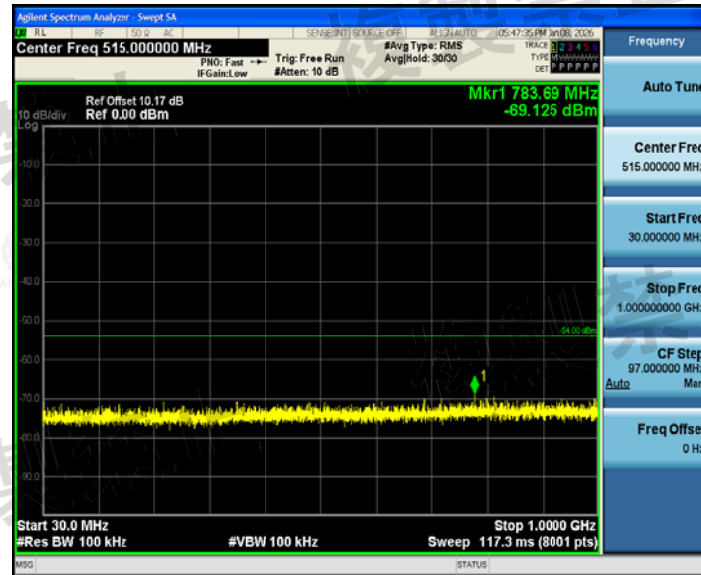


RX-Frequency Band 2 (1000 MHz $\leq$ f < 26000 MHz)

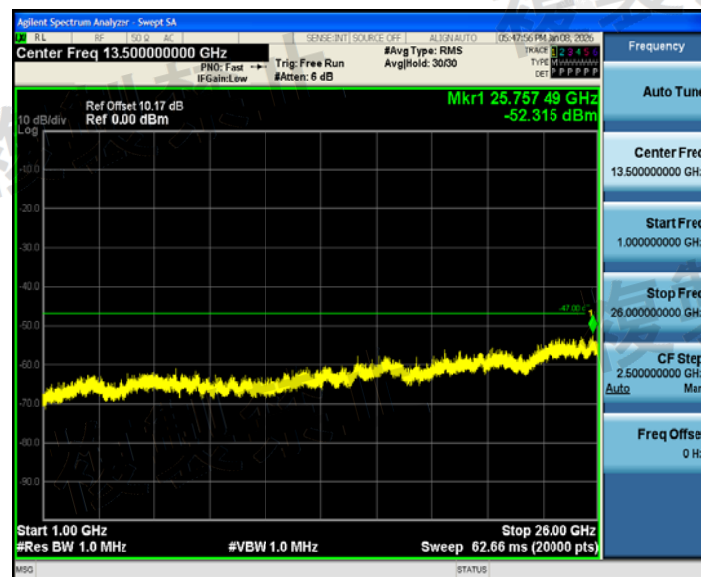


802.11ac(HT20) 5260MHz

RX-Frequency Band 1 (30 MHz $\leq$ f < 1000 MHz)

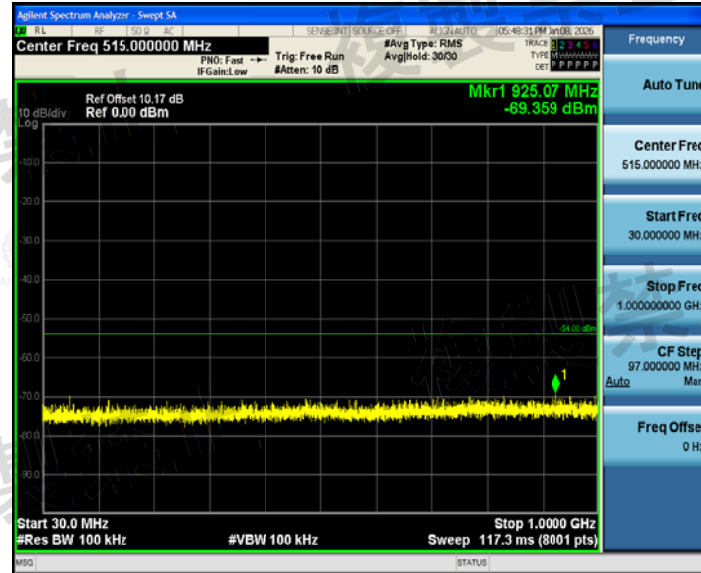


RX-Frequency Band 2 (1000 MHz $\leq$ f < 26000 MHz)

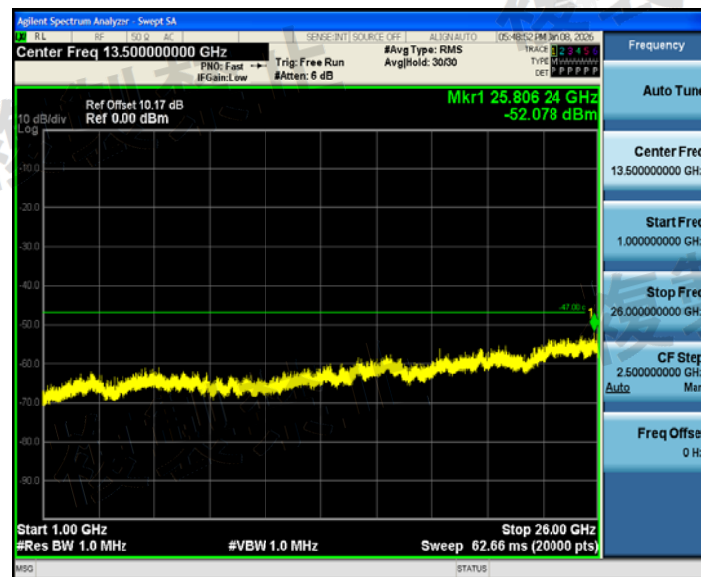


802.11ac(HT20) 5280MHz

RX-Frequency Band 1 (30 MHz $\leq f < 1000$ MHz)

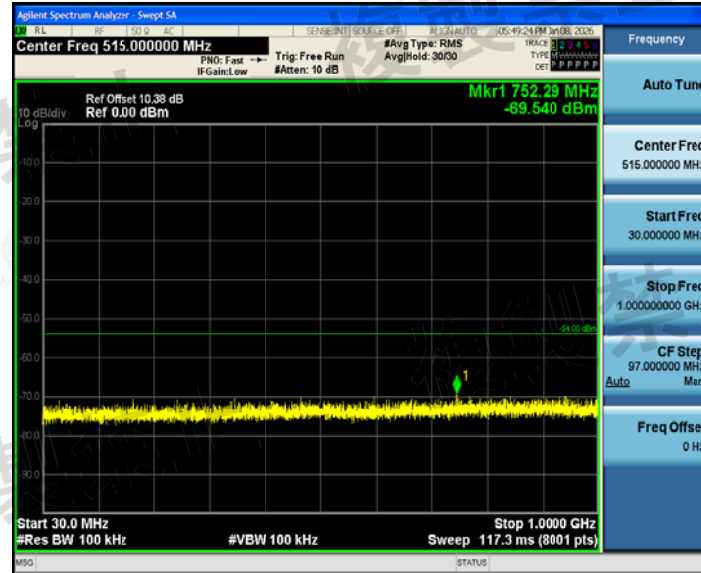


RX-Frequency Band 2 (1000 MHz $\leq f < 26000$ MHz)

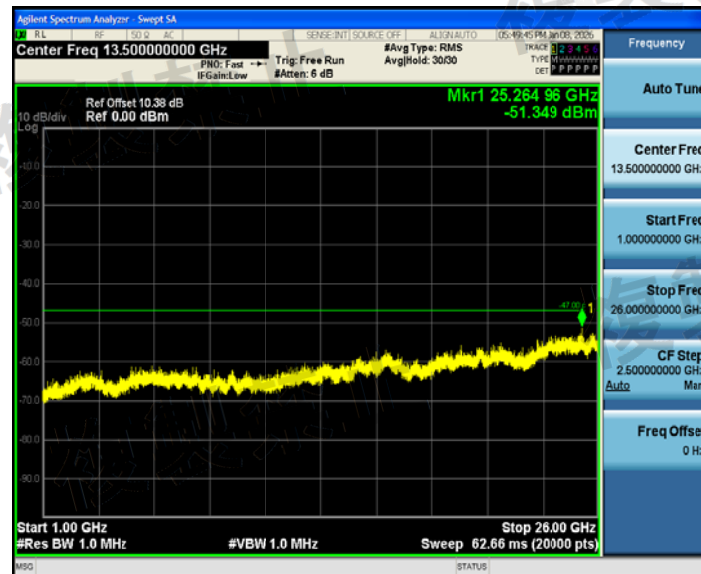


802.11ac(HT20) 5320MHz

RX-Frequency Band 1 (30 MHz $\leq f < 1000$ MHz)



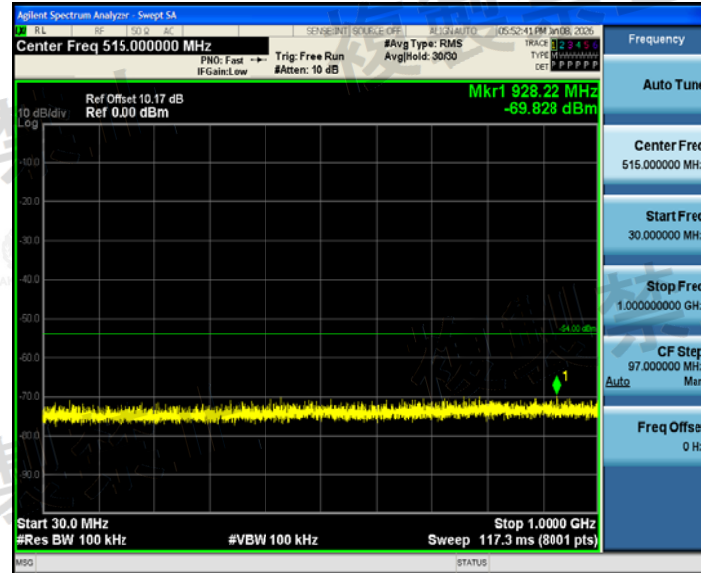
RX-Frequency Band 2 (1000 MHz $\leq f < 26000$ MHz)



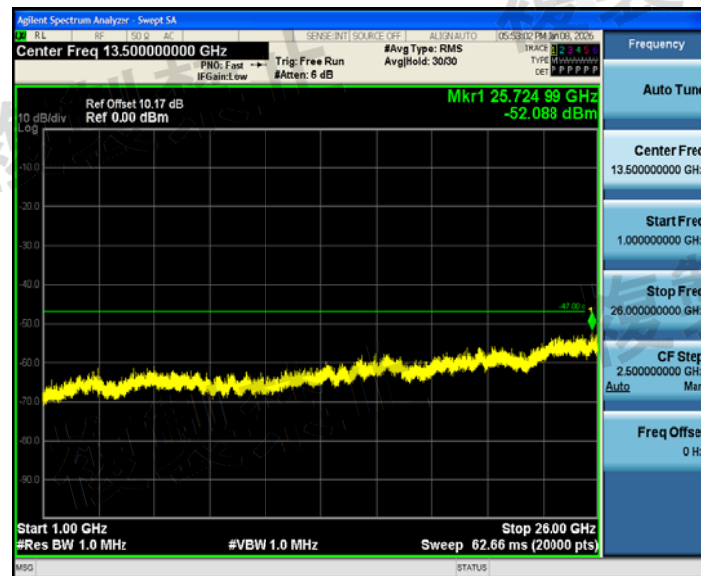
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802.11ac(HT40) 5270MHz

RX-Frequency Band 1 (30 MHz $\leq f < 1000$ MHz)

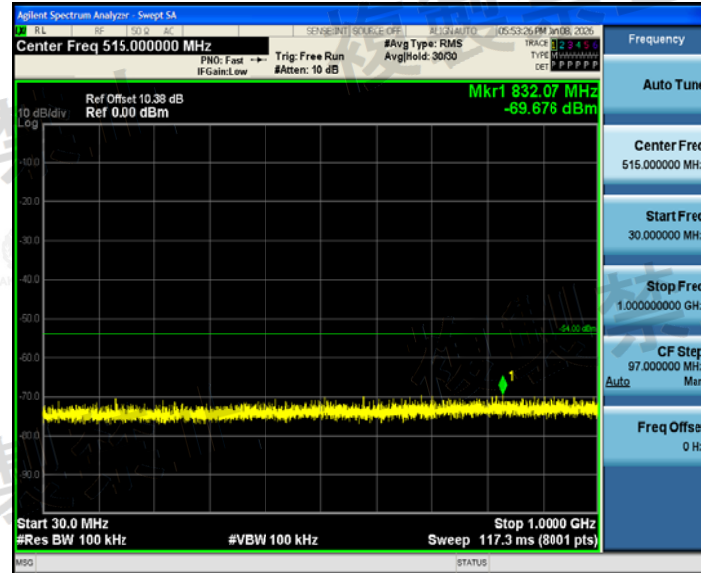


RX-Frequency Band 2 (1000 MHz $\leq f < 26000$ MHz)

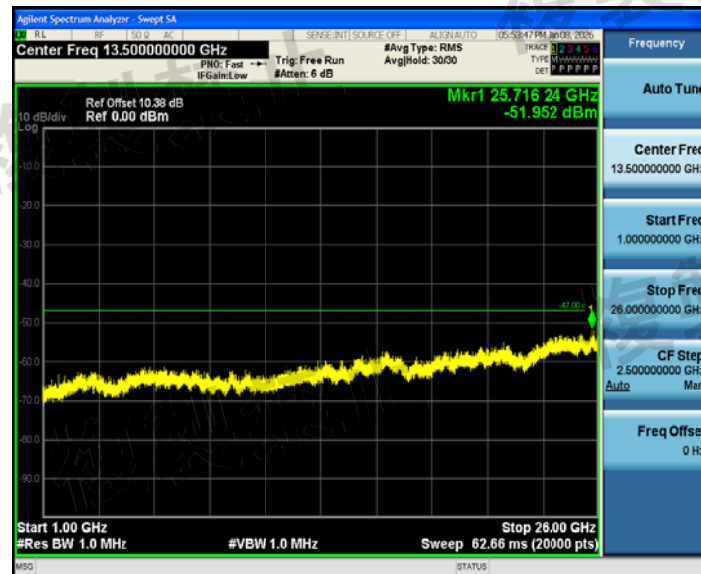


802.11ac(HT40) 5310MHz

RX-Frequency Band 1 (30 MHz $\leq$ f < 1000 MHz)

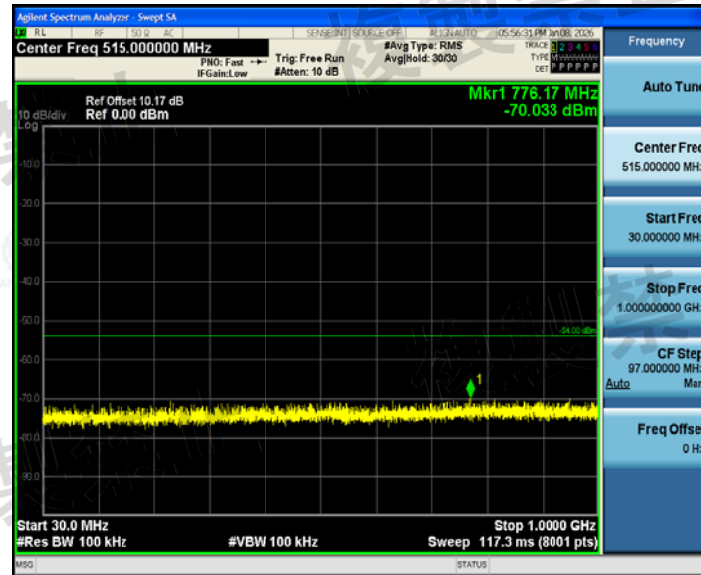


RX-Frequency Band 2 (1000 MHz $\leq$ f < 26000 MHz)

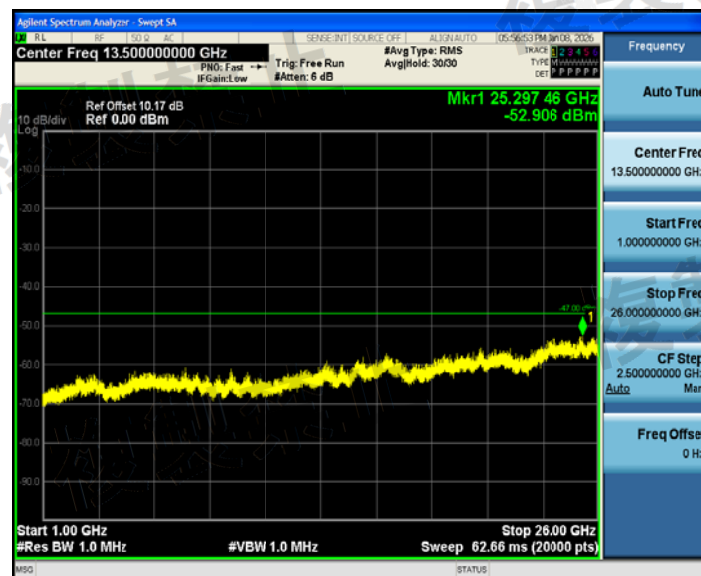


802.11ac(HT80) 5290MHz

RX-Frequency Band 1 (30 MHz $\leq f < 1000$ MHz)

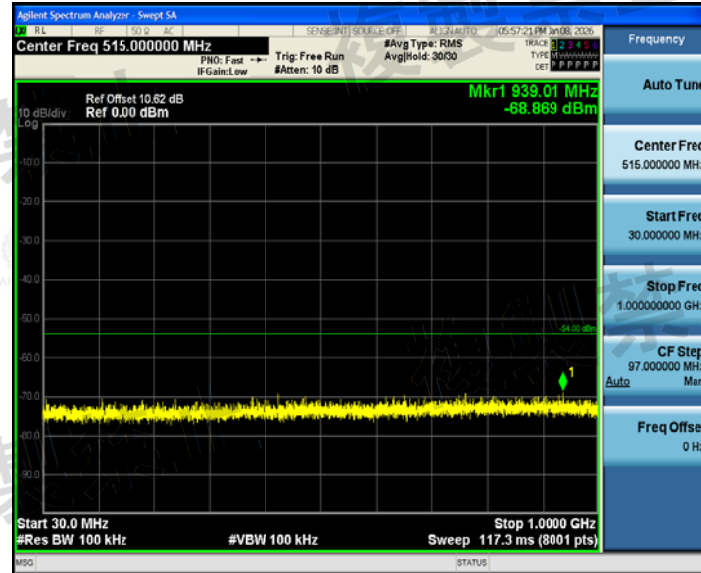


RX-Frequency Band 2 (1000 MHz $\leq f < 26000$ MHz)

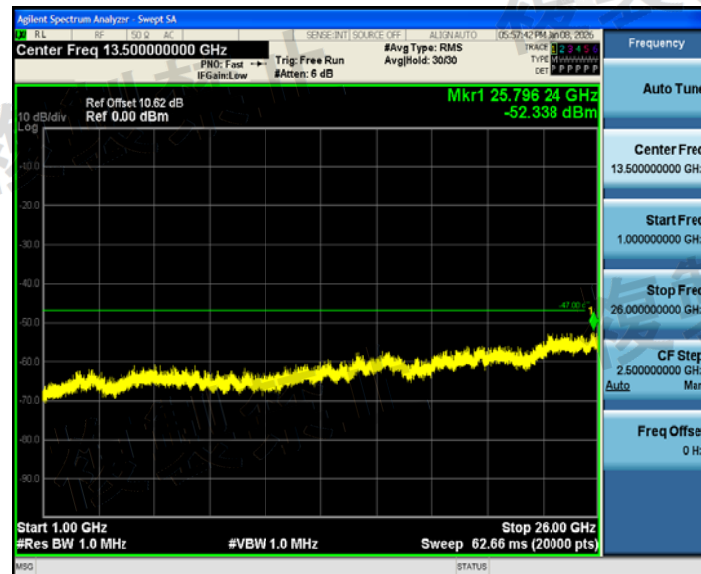


802.11ax(HT20) 5260MHz

RX-Frequency Band 1 (30 MHz $\leq$ f < 1000 MHz)



RX-Frequency Band 2 (1000 MHz $\leq$ f < 26000 MHz)



4.6 Radio Interference Prevention Capability Measurement

4.6.1 Limit

Item	Limits
Identification code	≥ 48 bits

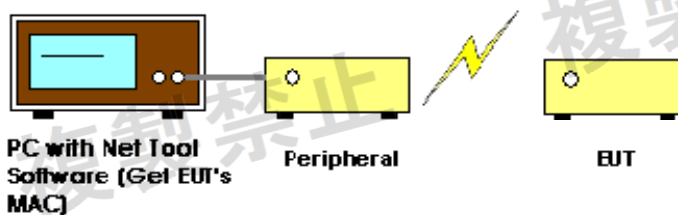
4.6.2 Measuring Id Code Software

Item	Limits
MAC IP List /49.20(3);j	MAC Scan

4.6.3 Test Procedures

1. In the case that the EUT has the function of automatically transmitting the identification code:
 - a. Transmit the predetermined identification codes form EUT.
 - b. Check the transmitted identification codes with the demodulator.
2. In the case of receiving the identification code:
 - a. Transmit the predetermined identification codes form the counterpart.
 - b. Check if communication is normal.
 - c. Transmit the signals other than predetermined ID codes form the counterpart. d. check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

4.6.4 Test Setup Layout



4.6.5 Test Deviation

There is no deviation with the original standard.

4.6.6 EUT Operation during Test

The EUT was programmed to be in normal transmitting mode.

4.6.7 Test Result of Radio Interference Prevention Capability

EUT:	Air Reflector	Test Date:	Jan. 07, 2026
Temperature:	25℃	Tested by:	Len Liao
Humidity:	55 % RH		
Test result:	CONFORM (MAC IP LIST: FE192877993B)		

Note: Represent the value of channel antenna meets the requirements.



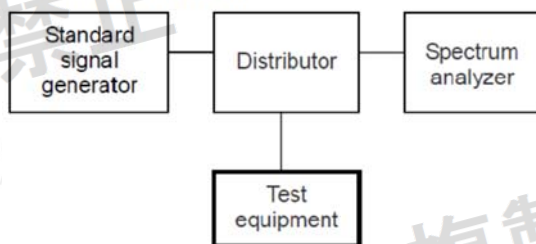
4.7 Carrier Sense Capability

4.7.1 Test Requirement

Test Requirement: Item 19-3 of Article 2-1

Shall not transmit radio wave when receiving over 100mV/m

Test Configuration: Test with test equipment only



4.7.2 Test Procedure

1) Test Conditions:

Spectrum Analyzer and signal generator is used for measurement.

2) EUT conditions:

Set the test equipment at the test frequency and the test spread code, and set it to the receiving mode, when using external test equipment, establish a connection

3) Set the standard signal generator as follows:

Carrier frequency: Center frequency of receiving frequency band of test equipment Modulation: No modulation (when the carrier sense function does not work by the un-modulated subcarrier in center frequency, shift the frequency or modulate if needed.)

Output level: In the antenna input unit of test equipment, field intensity is equivalent to the value which becomes 100mV/m.

4) Set the spectrum analyzer as follows:

Center frequency: Center frequency of the bandwidth used.

Sweep frequency band: 50MHz

Resolution bandwidth: Approximately 1 MHz

Video bandwidth: Approximately same as the resolution bandwidth

Y-axis scale: 10dB/Div

Trigger condition: Free-run

Detective mode: Positive peak

5) Measuring operation

(1) Test with test equipment only: Set the test equipment to the transmitting operation with the output of standard signal generator OFF, and confirm that it emits radio wave, using spectrum analyzer.

(2) Set the test equipment to the receiving mode.

(3) Set the test equipment to the transmitting operation with the output of standard signal generator ON, and confirm that it does not emit radio wave, using spectrum analyzer.

4.7.3 Test Result

EUT:	Air Reflector	Test Date:	Jan. 07, 2026
Temperature:	25℃	Tested by:	Len Liao
Humidity:	55 % RH		
Test result:	The product shall not transmit radio wave when receiving over 100mV/m. The unit does meet the requirements		



4.8 Adjacent Channel Power

4.8.1 Limit

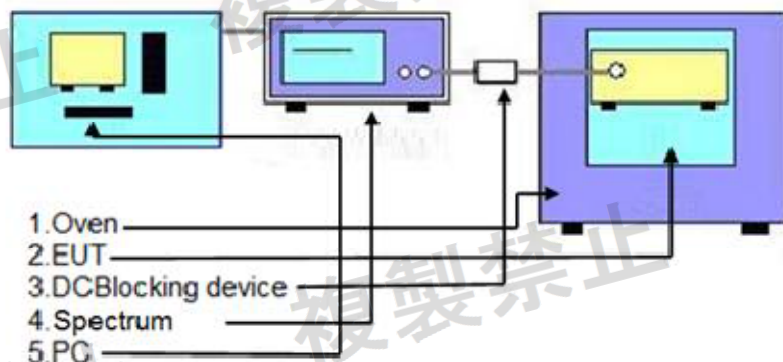
Item	Limits		
Adjacent Channel Power	HT20	$F_c \pm 20M$	$> -25dBc$
		$F_c \pm 40M$	$> -40dBc$
	HT40	$F_c \pm 40M$	$> -25dBc$
		$F_c \pm 80M$	$> -40dBc$
	HT80	$F_c \pm 80M$	$> -25dBc$

4.8.2 Measuring Instruments and Setting

Test Procedures

- Setting of SA is following as: 802.11a/n/ac RB: 300KHz / VB:300KHz / SPAN: 120MHz / AT: 20dB Ref:10dBm / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: detector mode Positive peak Trace mode: Max hold Sweep Time Auto
- Configure EUT and assistant system according clause 2.3 and 4.8.3
- Spread Spectrum Factor = Spread Spectrum Bandwidth / modulation rate of EUT.
- Set EUT work in test mode as described in clause 2.4

4.8.3 Test Setup Layout



4.8.4 Test Deviation

There is no deviation with the original standard.

4.8.5 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

4.8.6 Test Result

For ANT.1

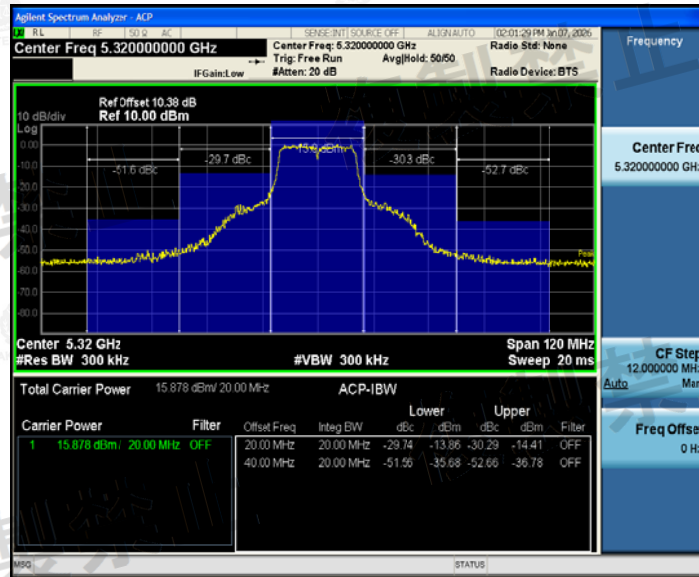
802.11a 5260MHz



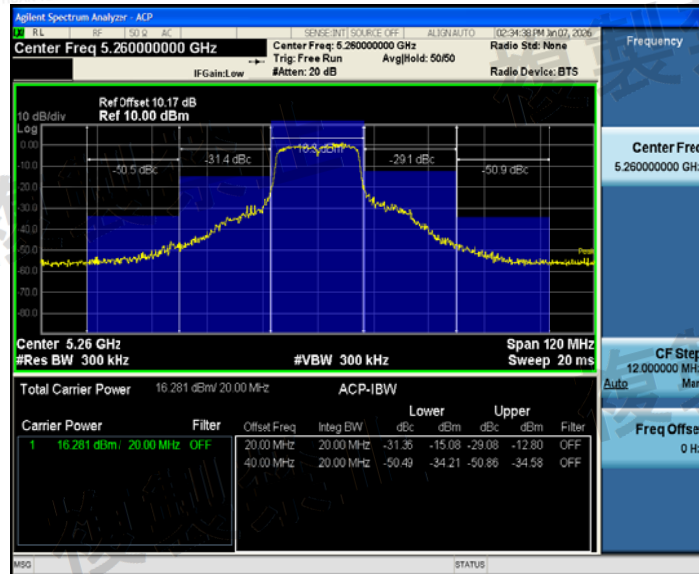
802.11a 5280MHz



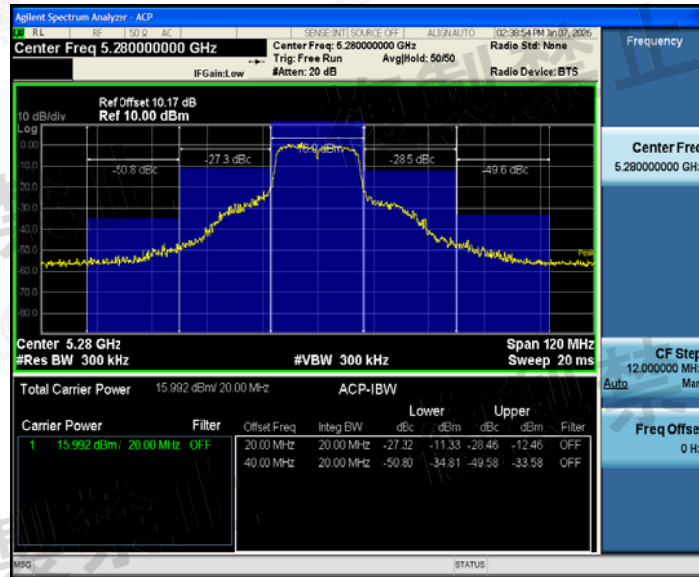
802.11a 5320MHz



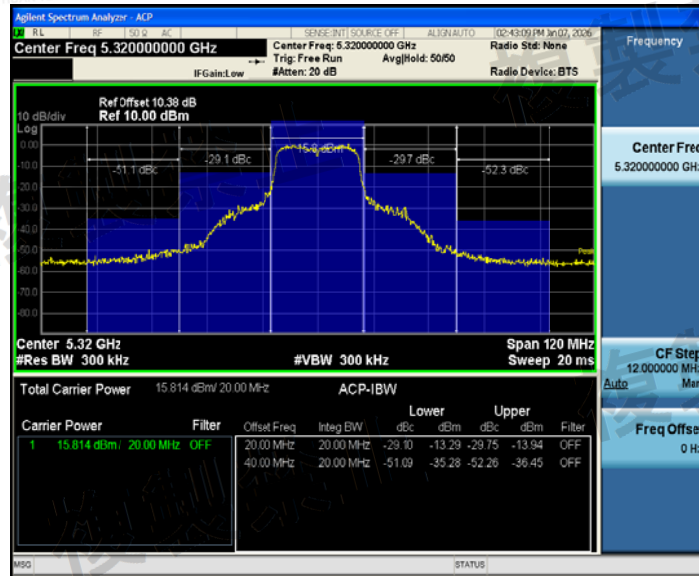
802.11n(HT20) 5260MHz



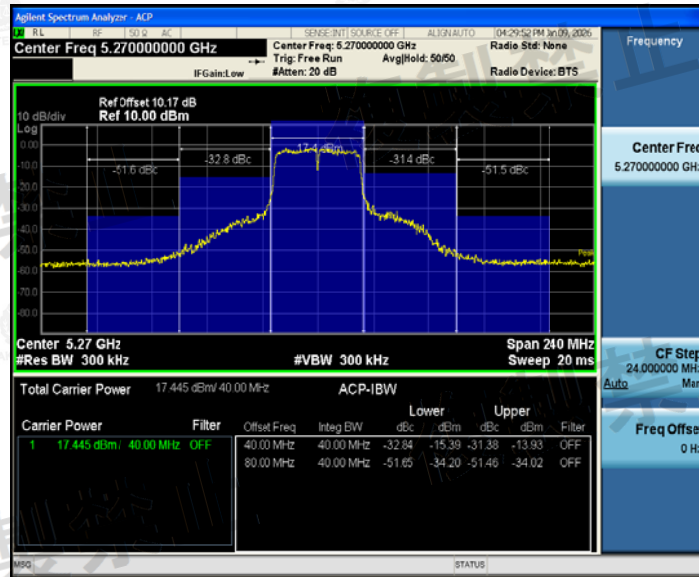
802.11n(HT20) 5280MHz



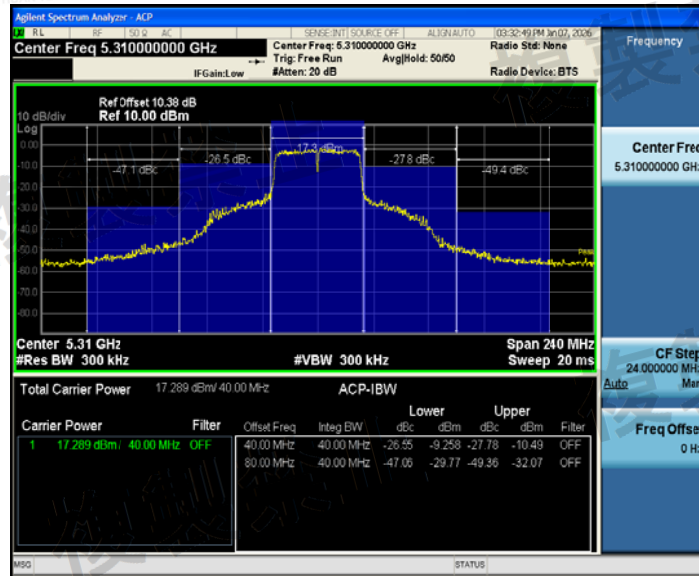
802.11n(HT20) 5320MHz



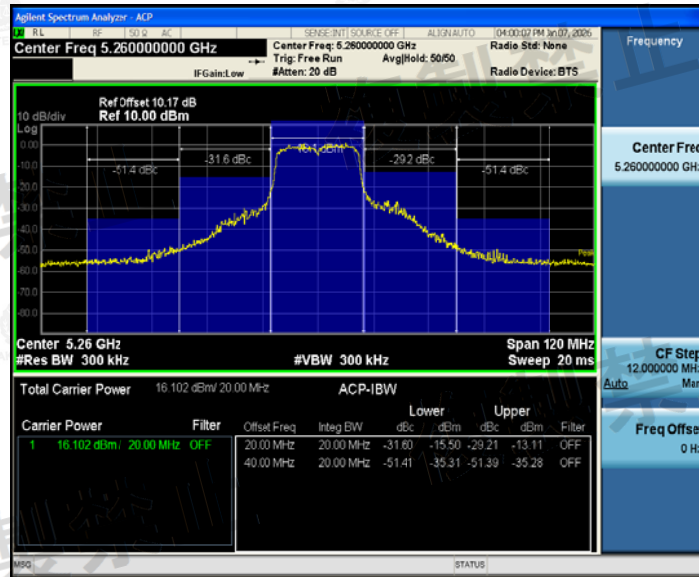
802.11n(HT40) 5270MHz



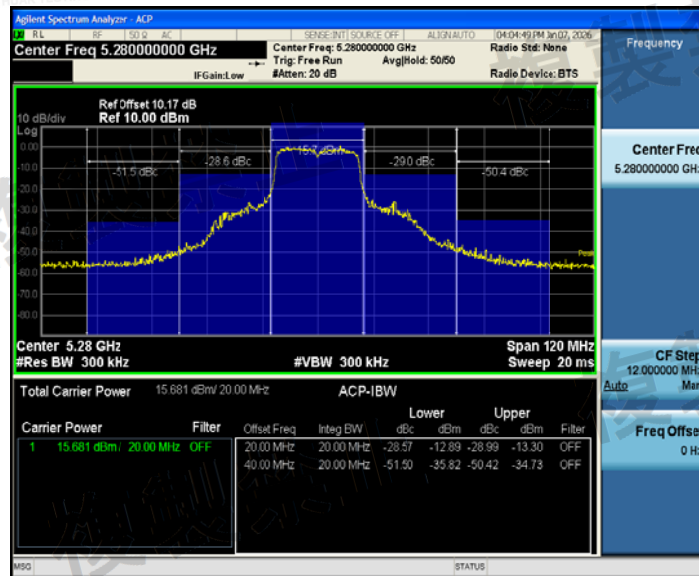
802.11n(HT40) 5310MHz



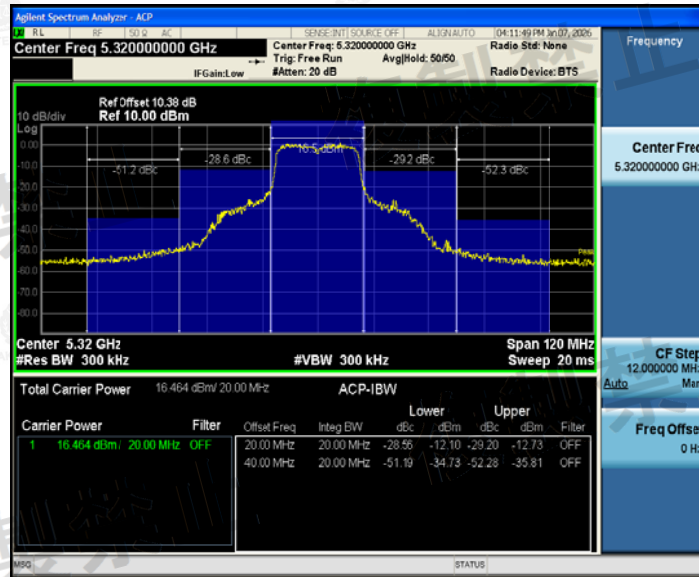
802.11ac(HT20) 5260MHz



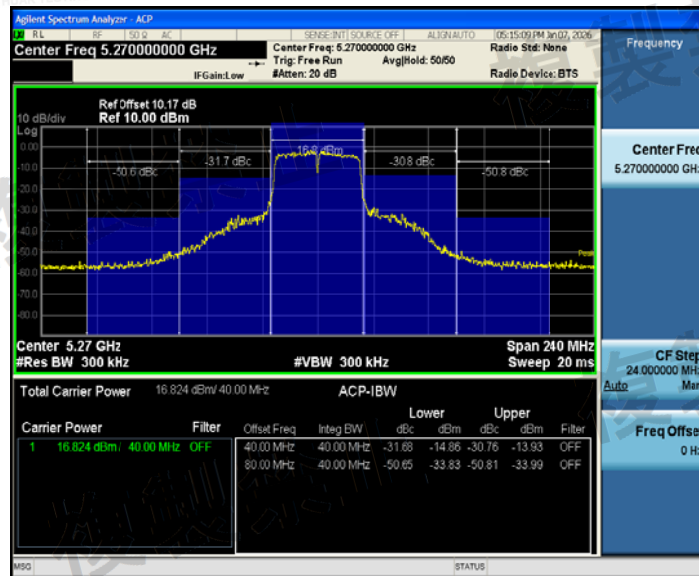
802.11ac(HT20) 5280MHz



802.11ac(HT20) 5320MHz

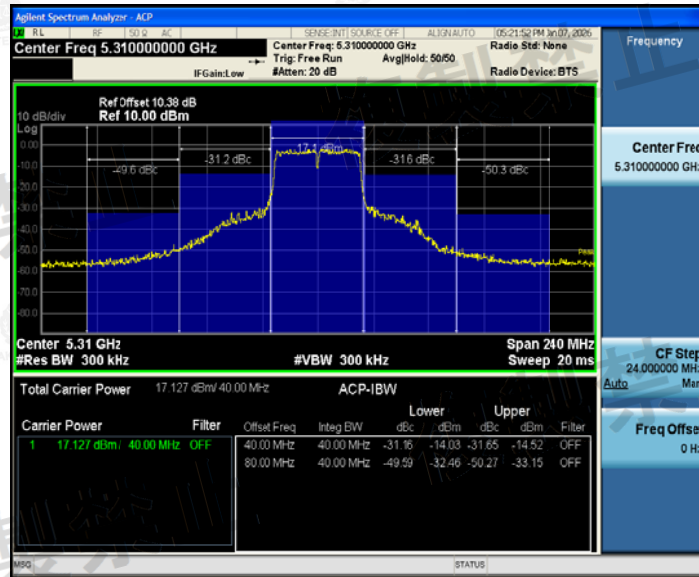


802.11ac(HT40) 5270MHz

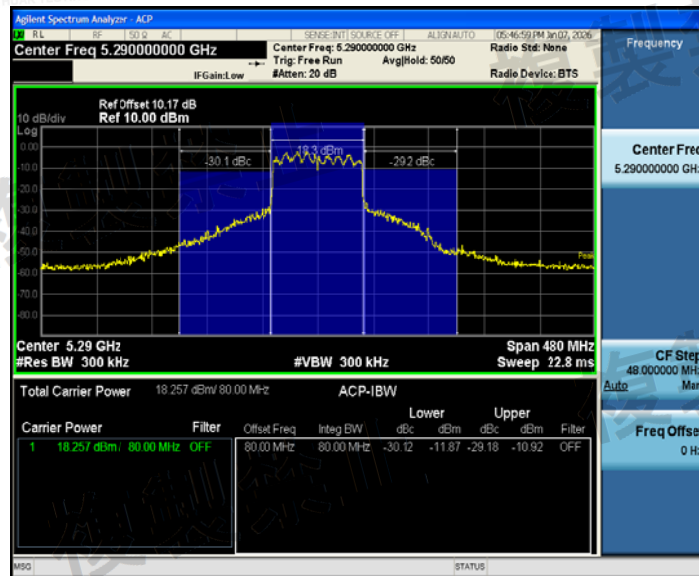


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802.11ac(HT40) 5310MHz



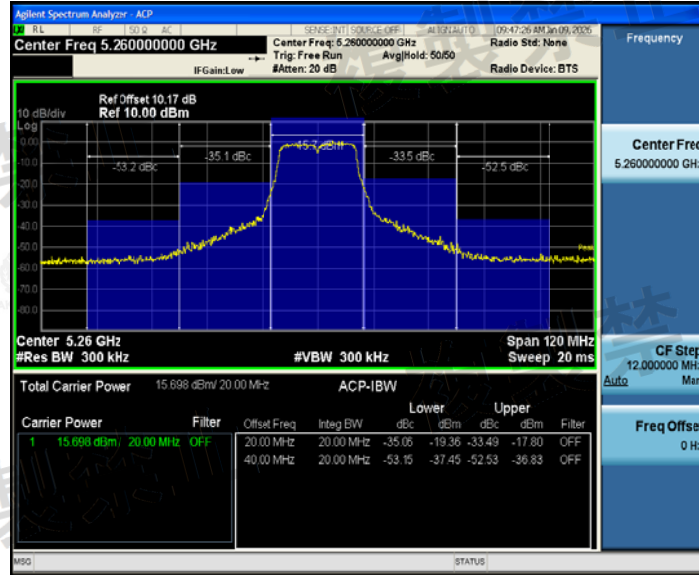
802.11ac(HT80) 5290MHz



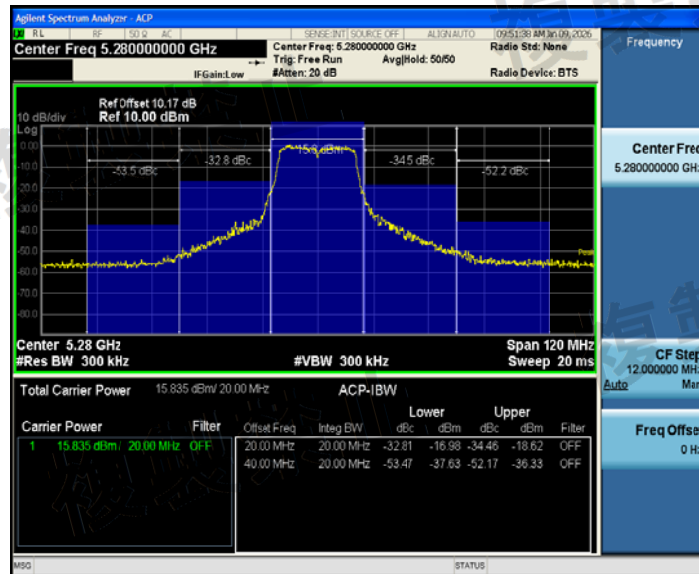
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For ANT.2

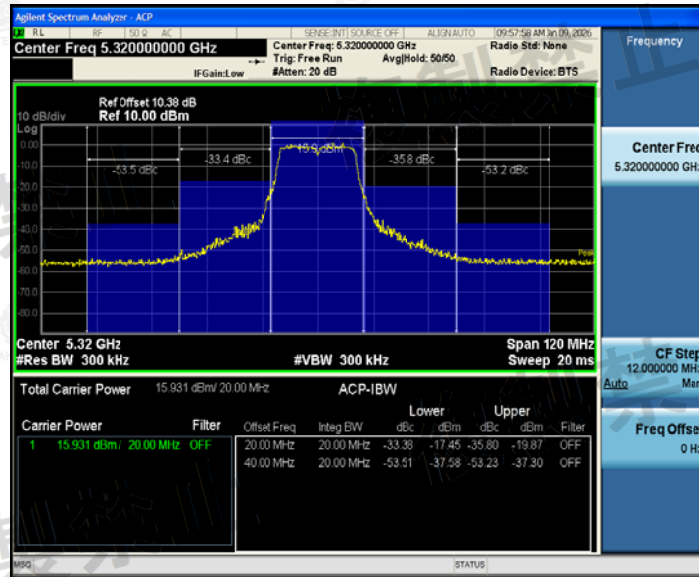
802.11a 5260MHz



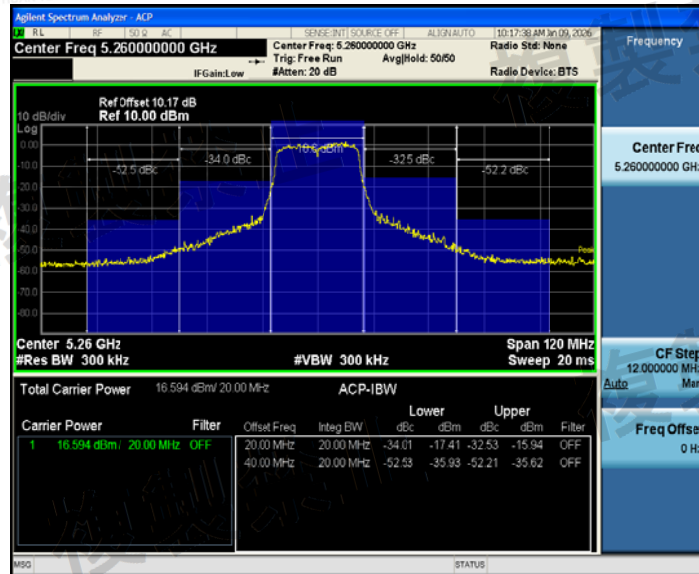
802.11a 5280MHz



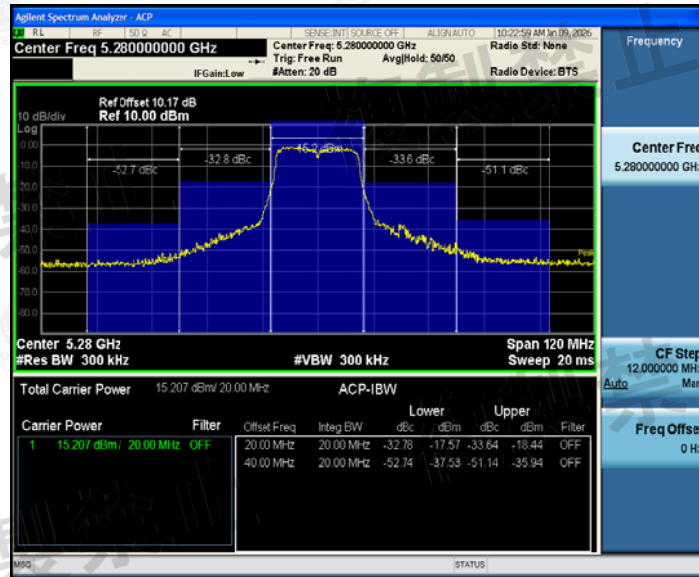
802.11a 5320MHz



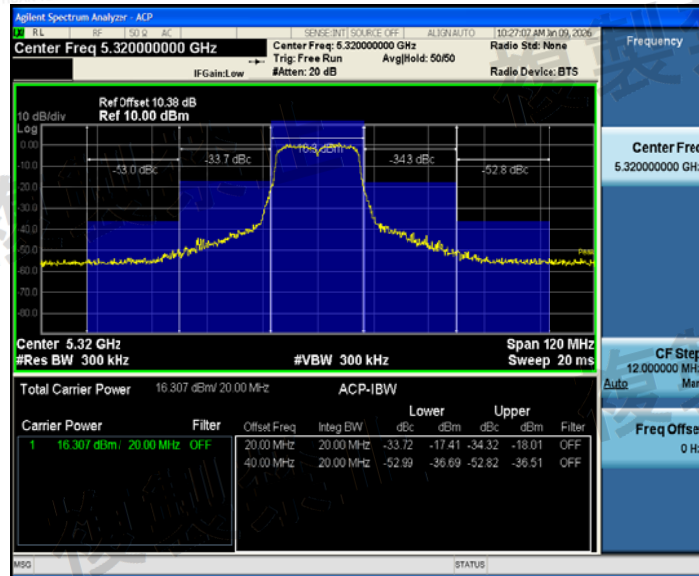
802.11n(HT20) 5260MHz



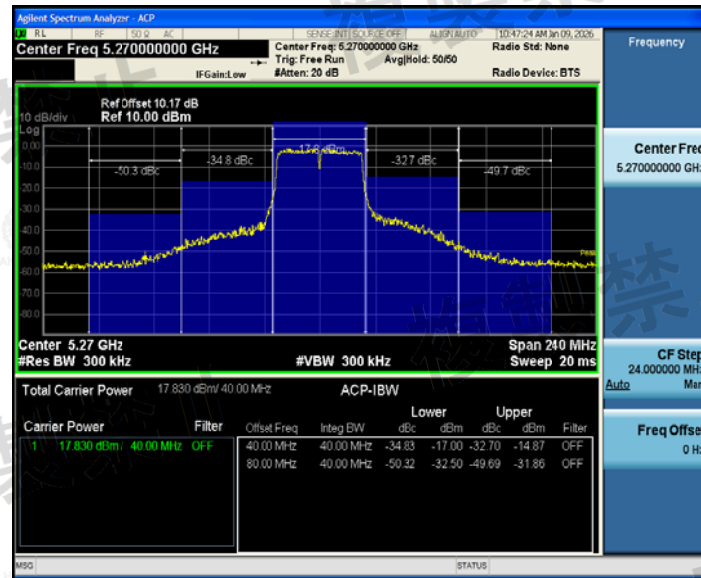
802.11n(HT20) 5280MHz



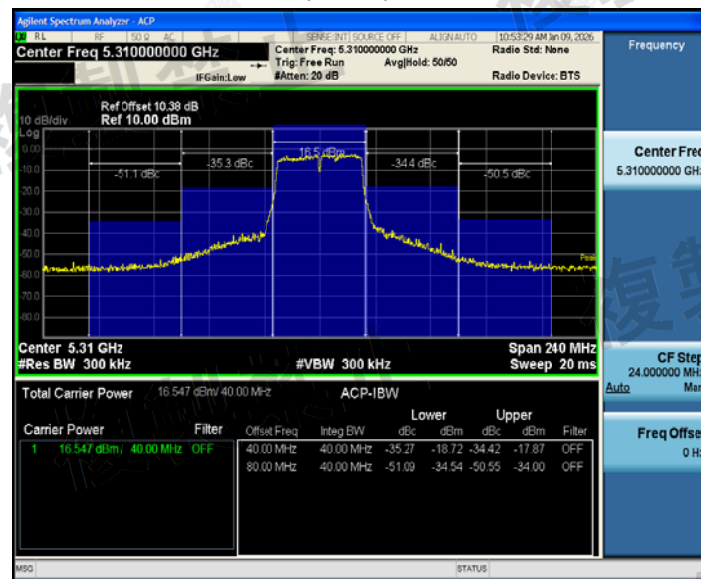
802.11n(HT20) 5320MHz



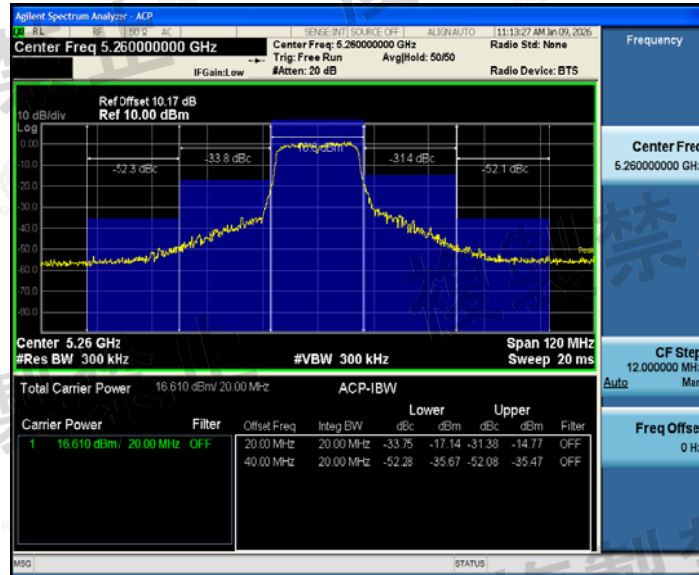
802.11n(HT40) 5270MHz



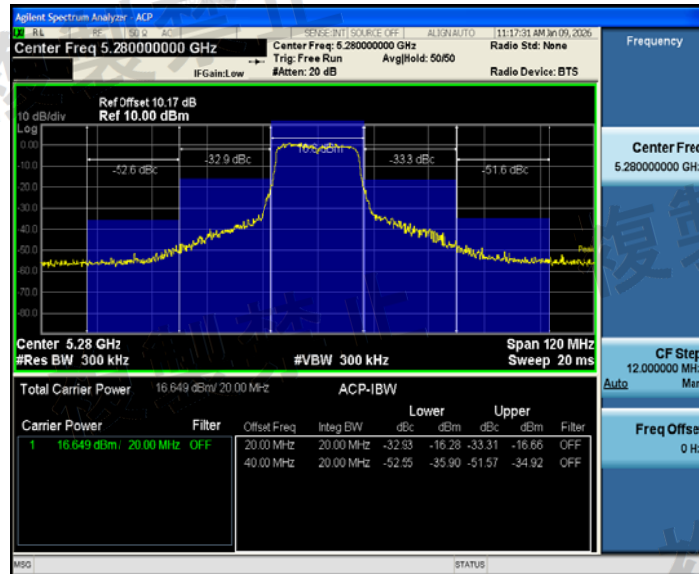
802.11n(HT40) 5310MHz



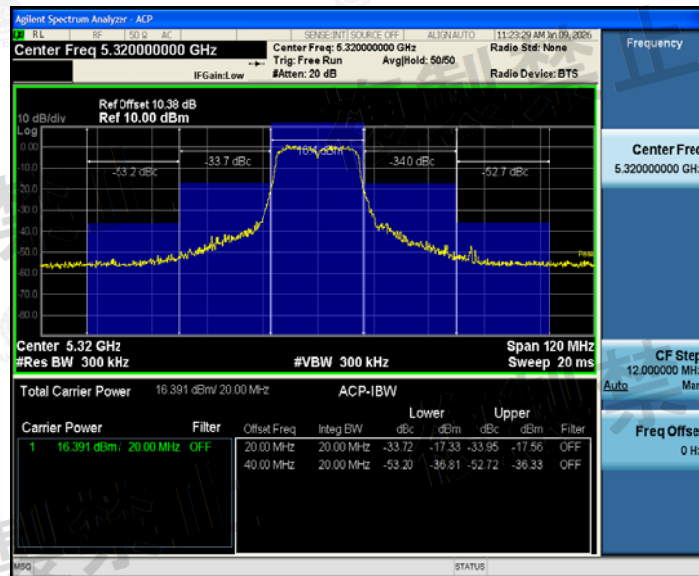
802.11ac(HT20) 5260MHz



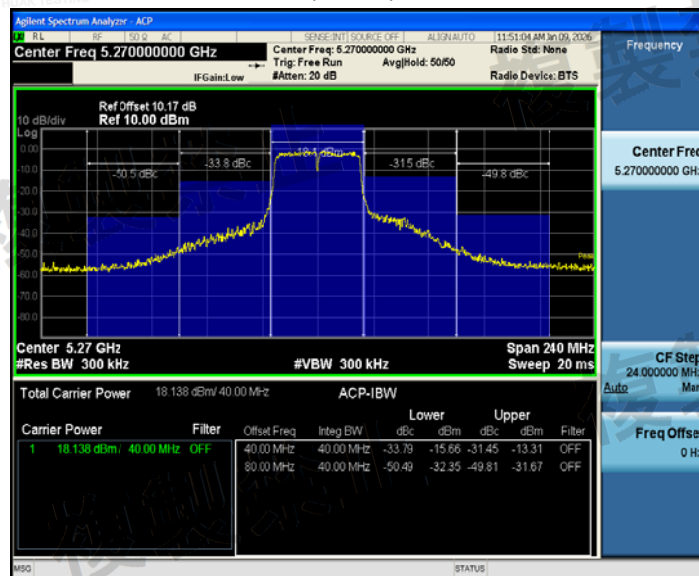
802.11ac(HT20) 5280MHz



802.11ac(HT20) 5320MHz

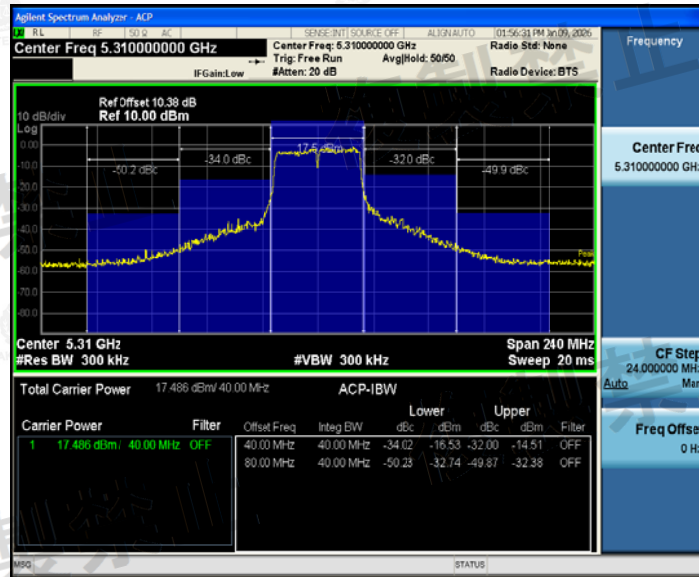


802.11ac(HT40) 5270MHz

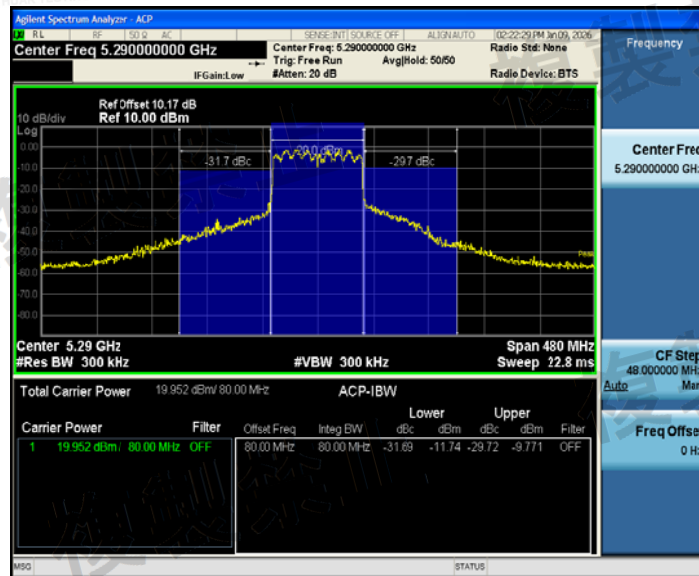


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802.11ac(HT40) 5310MHz



802.11ac(HT80) 5290MHz



4.9 Burst Length

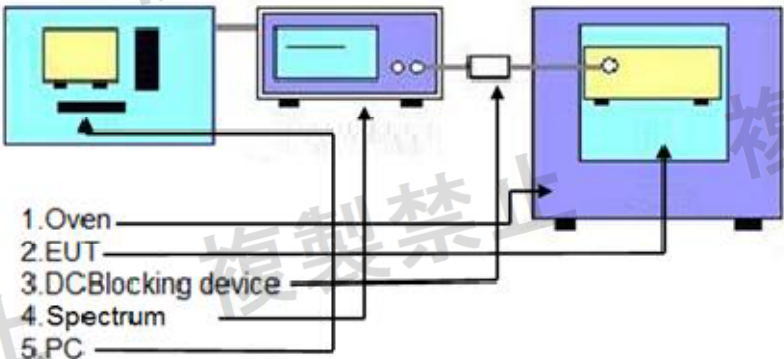
4.9.1 Limit

Item	Limits
Transmission Burst Length	8ms or less

4.9.2 Measuring Instruments and Setting

1. Connected the EUT's Antenna port to the Spectrum Analyzer by suitable attenuator,
Setting of SA is following as: 802.11a/n/ac RB: 8MHz / VB:8MHz / SPAN: 0Hz / AT: 40dB Ref:30dBm /
Sweep time: Auto / Sweep Mode: ≥ 8 ms / Detect mode: Positive peak Trace mode: Max hold
2. Configure EUT and assistant system according clause 2.3 and 4.9.3
3. Set EUT work in test mode as described in clause 2.4

4.9.3 Test Setup Layout





4.9.4 EUT Operation during Test

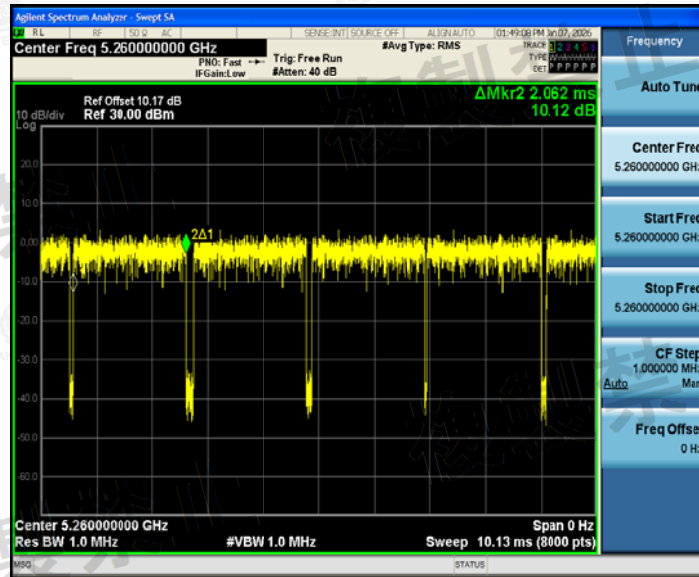
The EUT was programmed to be in continuously transmitting mode.

For ANT.1

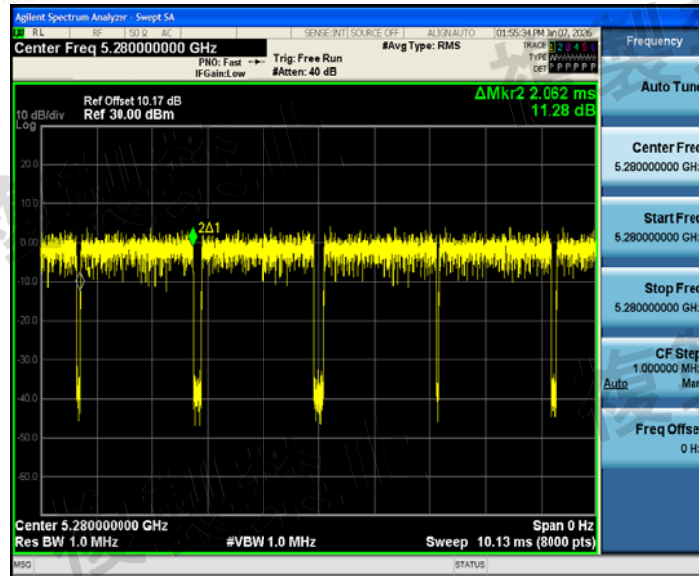
Test Mode	CH	Result(ms)	Limit(ms)	Verdict
802.11a	CH 52	2.06	<8	PASS
802.11a	CH 56	2.06	<8	PASS
802.11a	CH 64	2.06	<8	PASS
802.11n(HT20)	CH 52	1.92	<8	PASS
802.11n(HT20)	CH 56	1.92	<8	PASS
802.11n(HT20)	CH 64	1.92	<8	PASS
802.11n(HT40)	CH 54	0.94	<8	PASS
802.11n(HT40)	CH 62	0.94	<8	PASS
802.11ac(HT20)	CH 52	1.93	<8	PASS
802.11ac(HT20)	CH 56	1.93	<8	PASS
802.11ac(HT20)	CH 64	1.93	<8	PASS
802.11ac(HT40)	CH 54	0.95	<8	PASS
802.11ac(HT40)	CH 62	0.95	<8	PASS
802.11ac(HT80)	CH 58	0.46	<8	PASS

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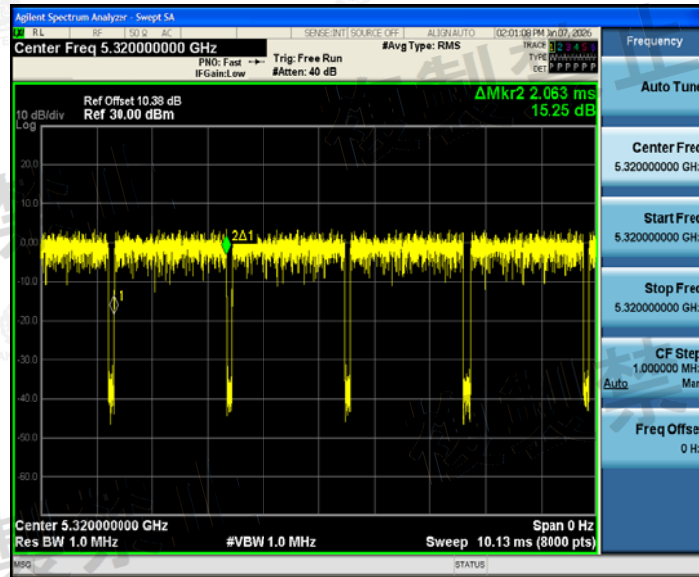
802.11a 5260MHz



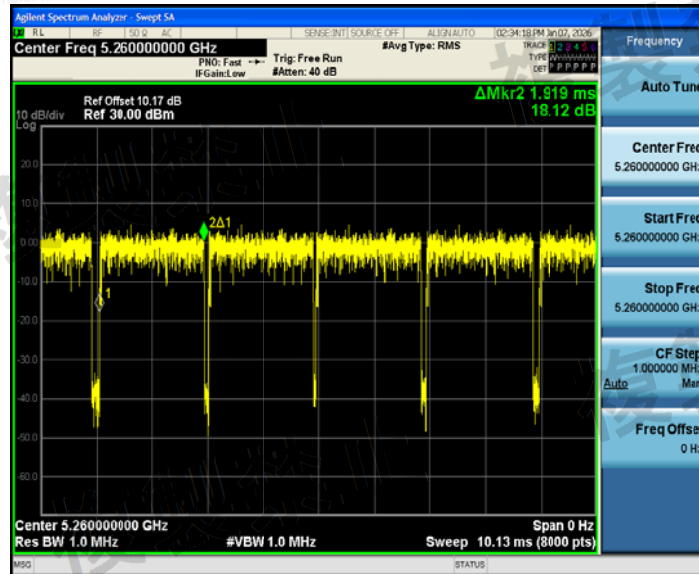
802.11a 5280MHz



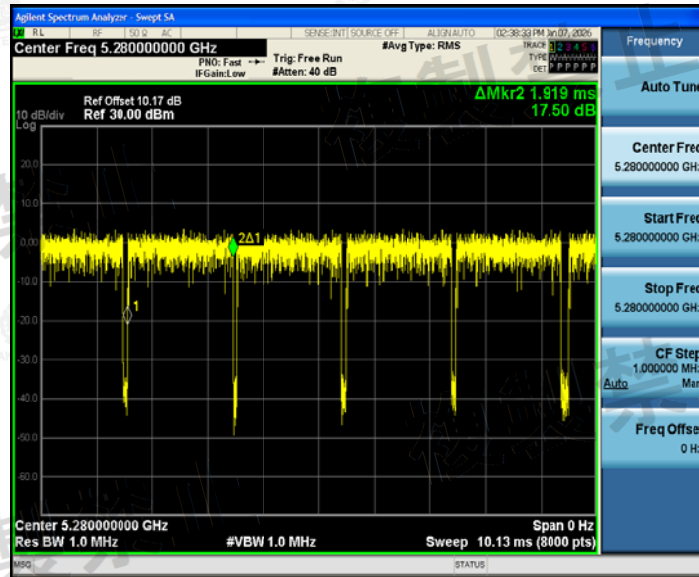
802.11a 5320MHz



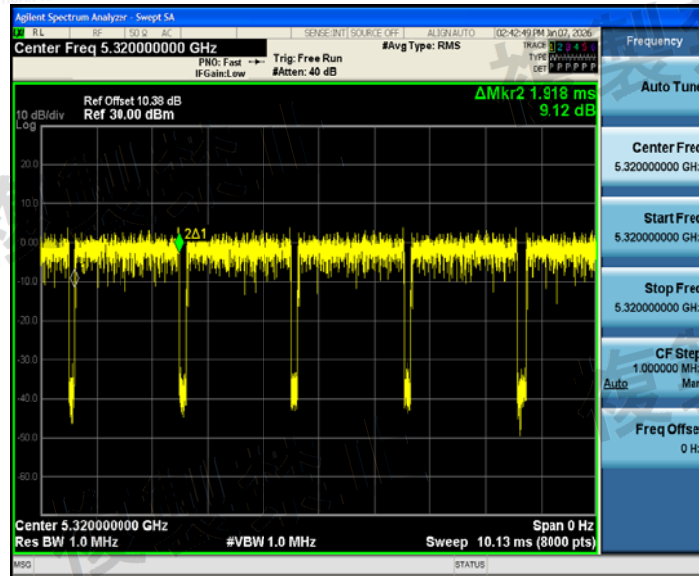
802.11n(HT20) 5260MHz



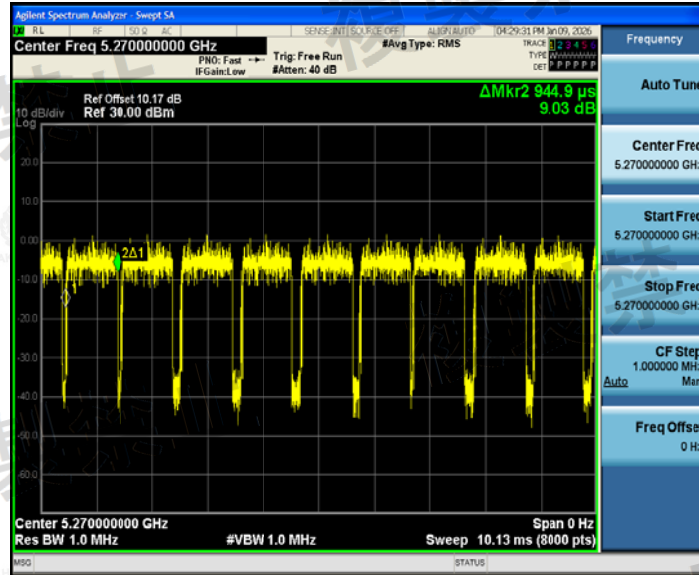
802.11n(HT20) 5280MHz



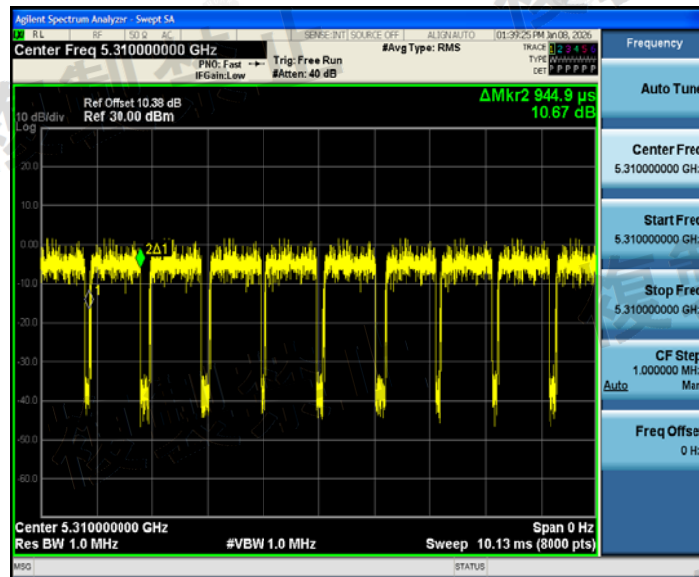
802.11n(HT20) 5320MHz



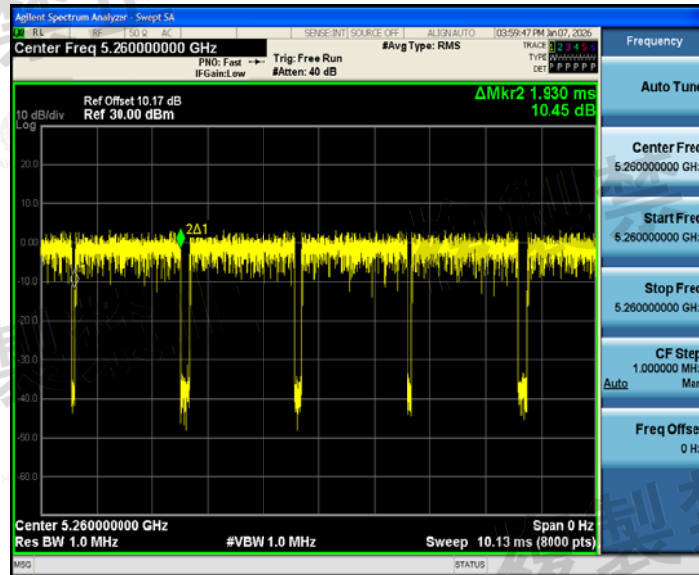
802.11n(HT40) 5270MHz



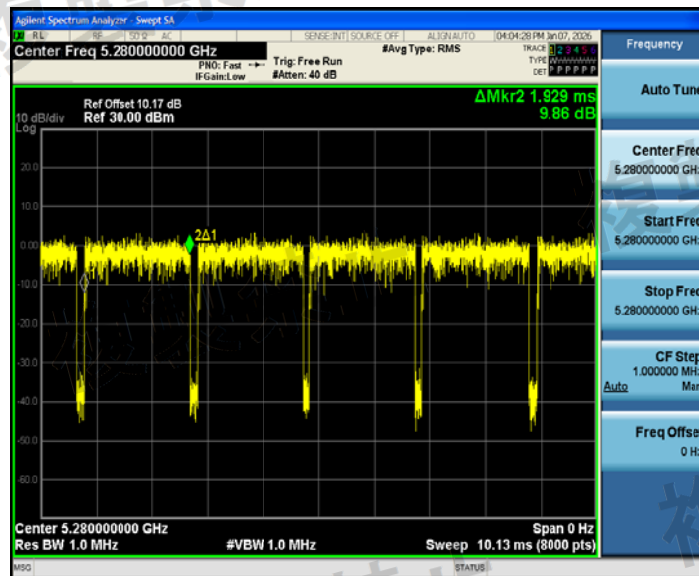
802.11n(HT40) 5310MHz



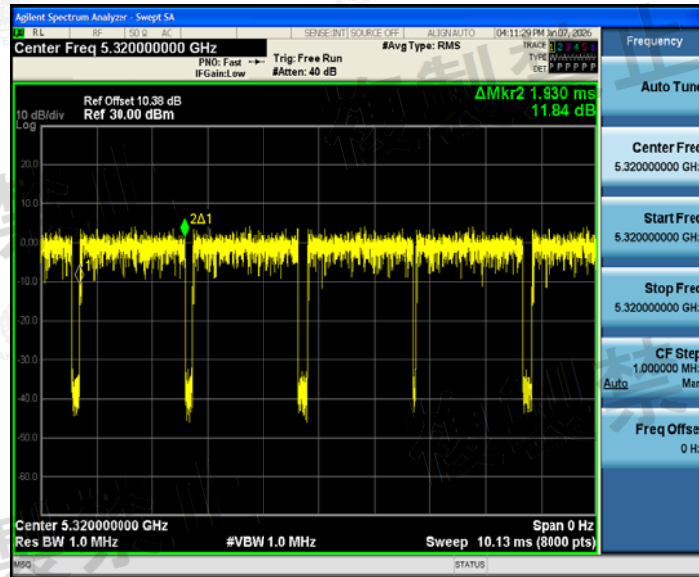
802.11ac(HT20) 5260MHz



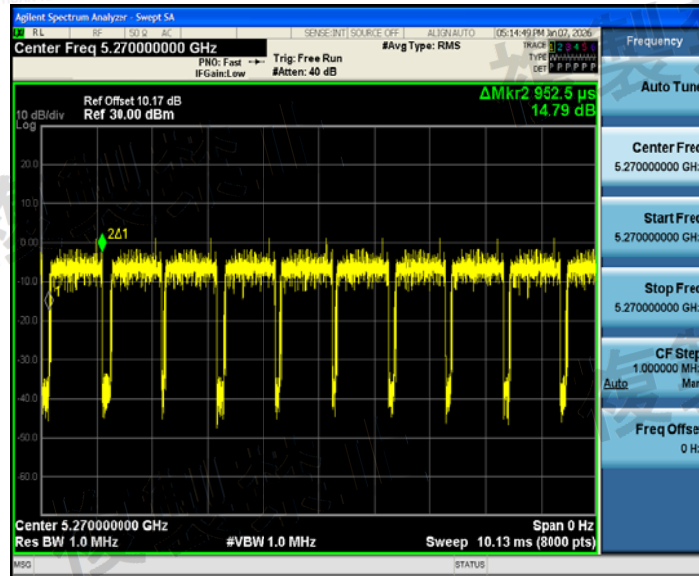
802.11ac(HT20) 5280MHz



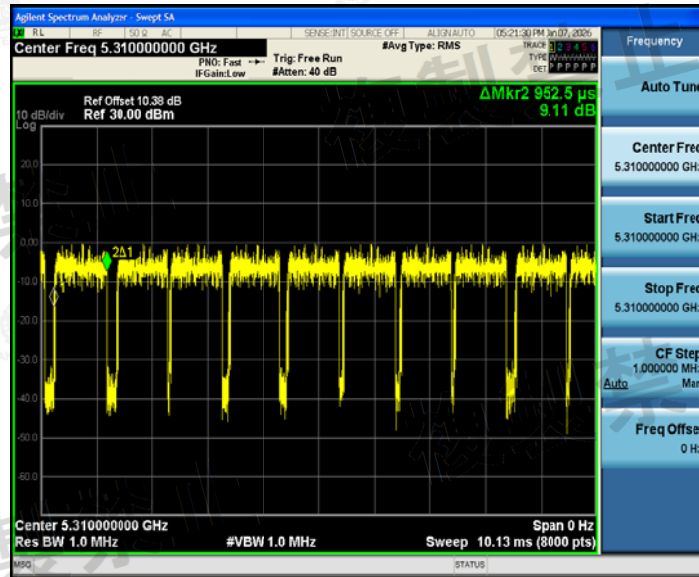
802.11ac(HT20) 5320MHz



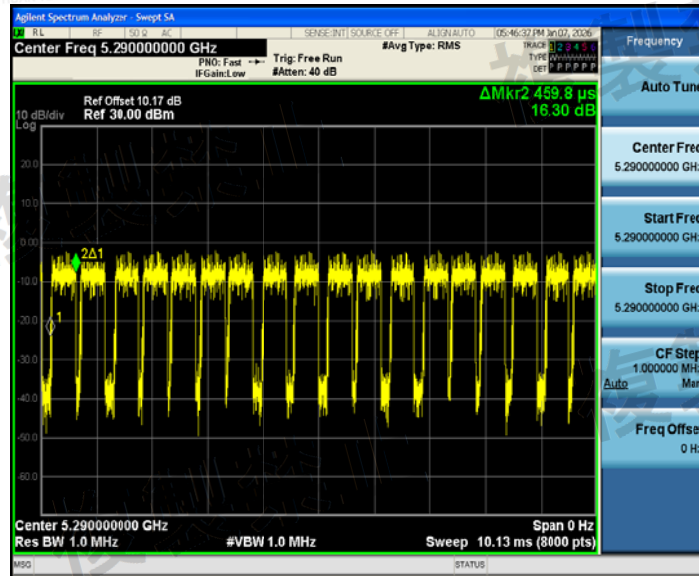
802.11ac(HT40) 5270MHz



802.11ac(HT40) 5310MHz



802.11ac(HT80) 5290MHz





For ANT.2

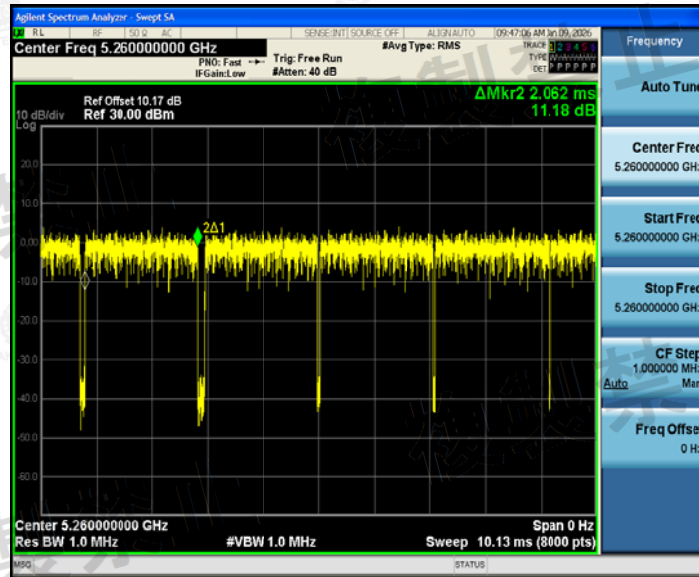
Test Mode	CH	Result(ms)	Limit(ms)	Verdict
802.11a	CH 52	2.06	<8	PASS
802.11a	CH 56	2.06	<8	PASS
802.11a	CH 64	2.06	<8	PASS
802.11n(HT20)	CH 52	1.92	<8	PASS
802.11n(HT20)	CH 56	1.92	<8	PASS
802.11n(HT20)	CH 64	1.92	<8	PASS
802.11n(HT40)	CH 54	0.94	<8	PASS
802.11n(HT40)	CH 62	0.93	<8	PASS
802.11ac(HT20)	CH 52	1.93	<8	PASS
802.11ac(HT20)	CH 56	1.93	<8	PASS
802.11ac(HT20)	CH 64	1.93	<8	PASS
802.11ac(HT40)	CH 54	0.95	<8	PASS
802.11ac(HT40)	CH 62	0.95	<8	PASS
802.11ac(HT80)	CH 58	0.43	<8	PASS

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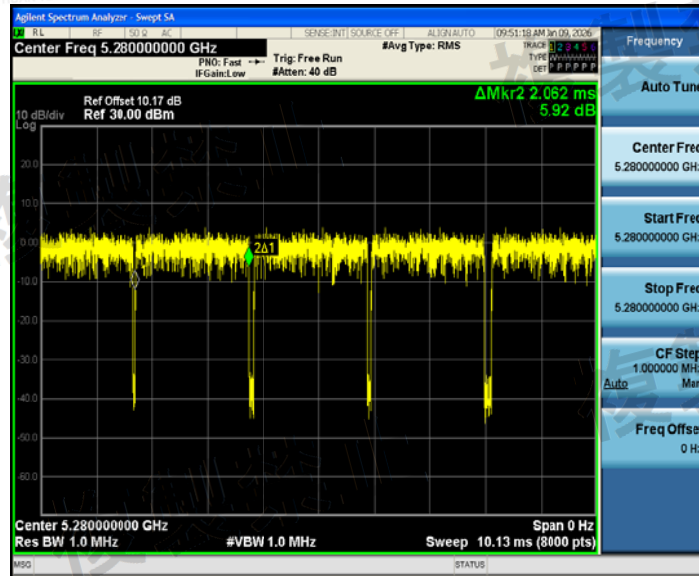
Shenzhen HUAKE Testing Technology Co., Ltd. Tel.: +86-0755-2302 9901 E-mail: info@huak.com Web.: www.huak.com

Add.: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

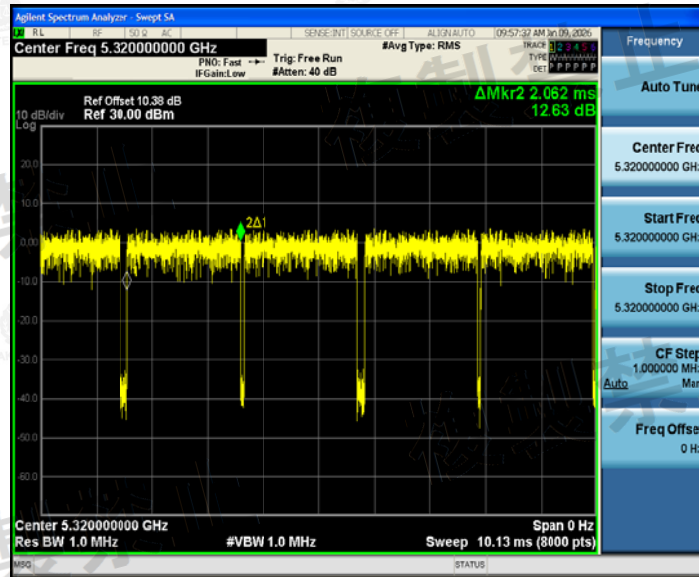
802.11a 5260MHz



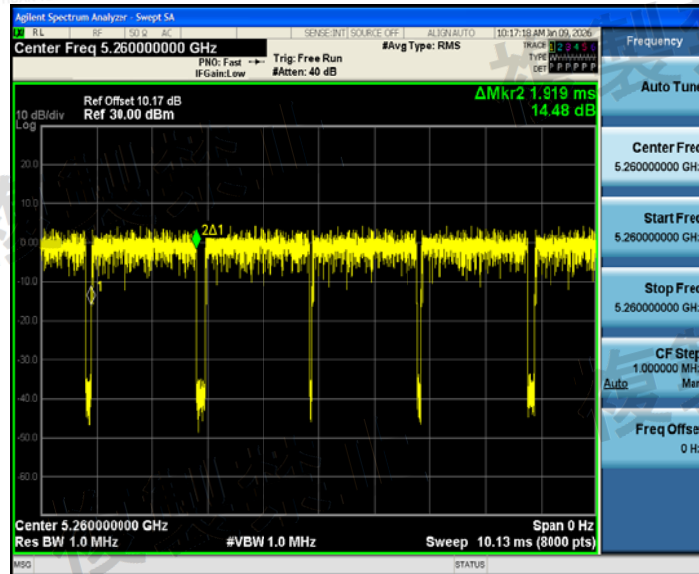
802.11a 5280MHz



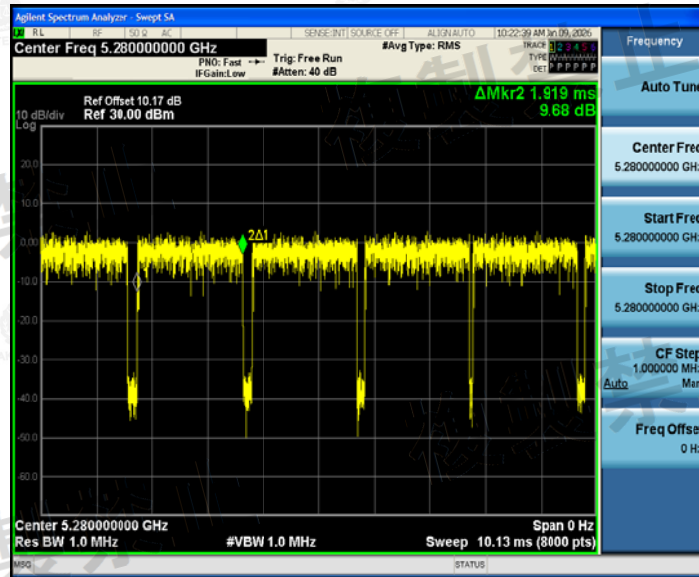
802.11a 5320MHz



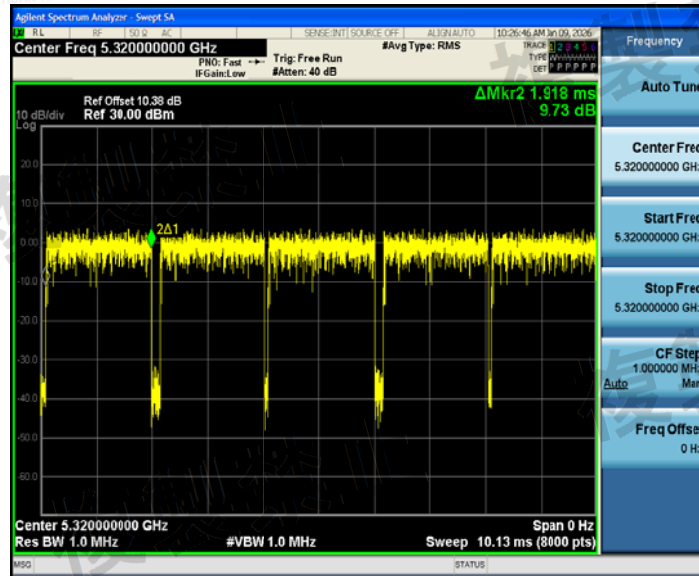
802.11n(HT20) 5260MHz



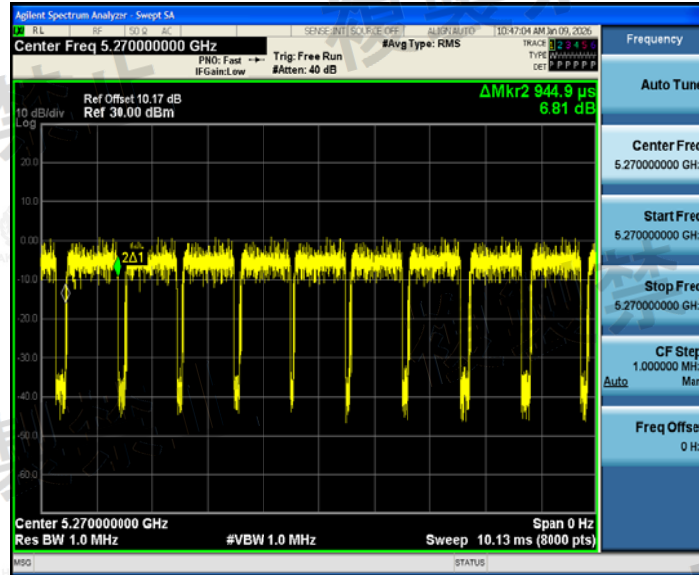
802.11n(HT20) 5280MHz



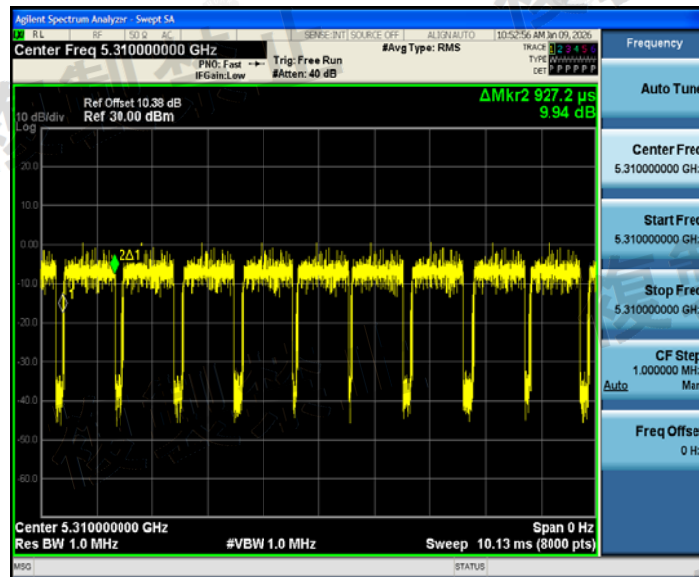
802.11n(HT20) 5320MHz



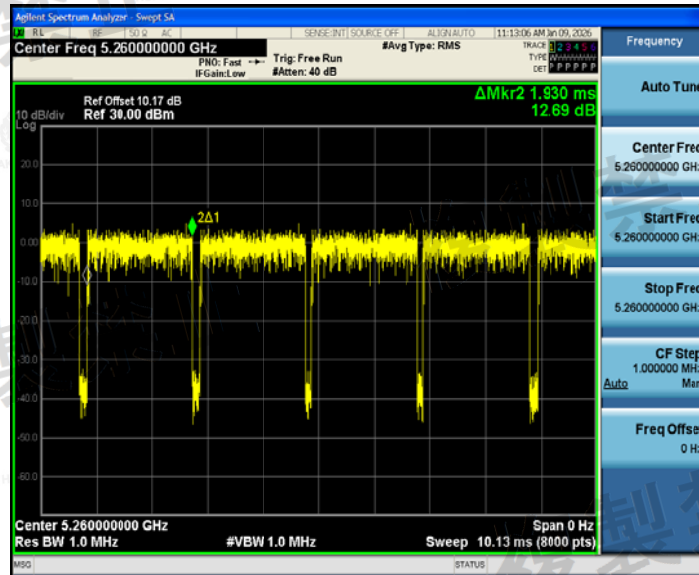
802.11n(HT40) 5270MHz



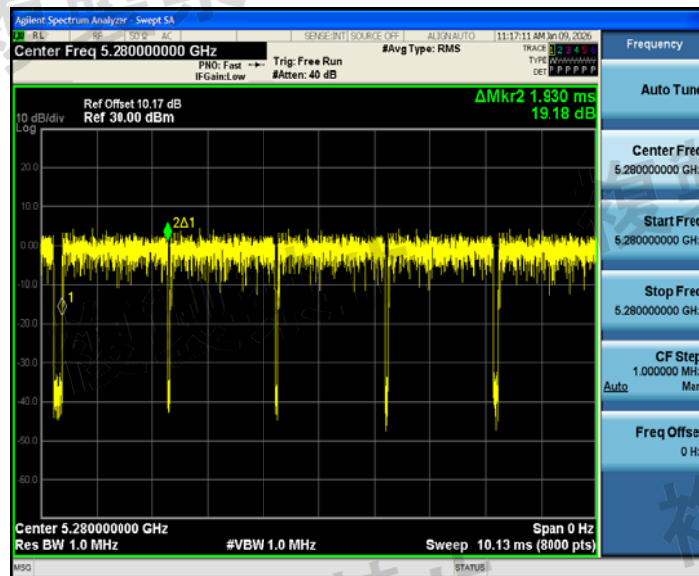
802.11n(HT40) 5310MHz



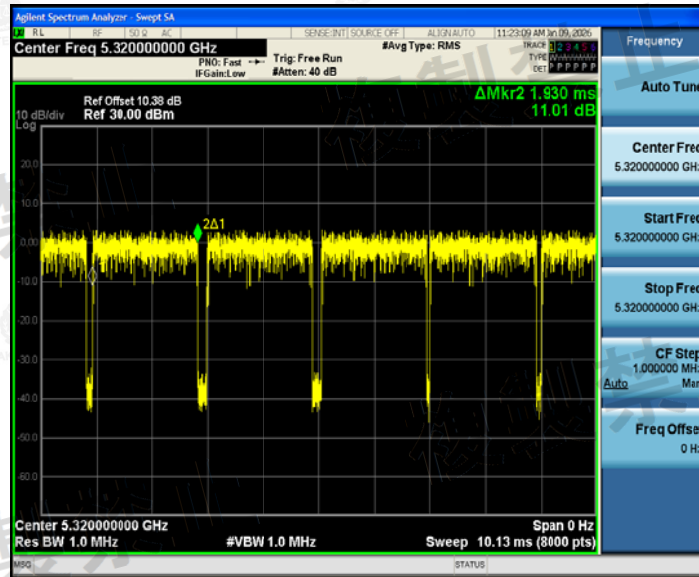
802.11ac(HT20) 5260MHz



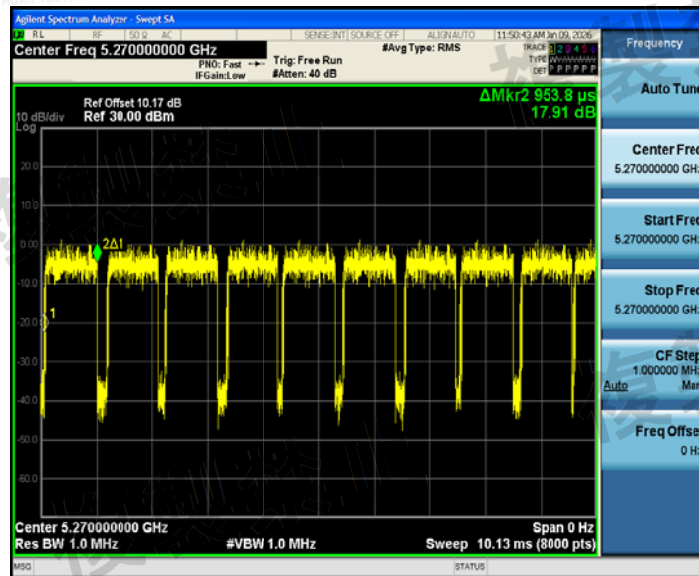
802.11ac(HT20) 5280MHz



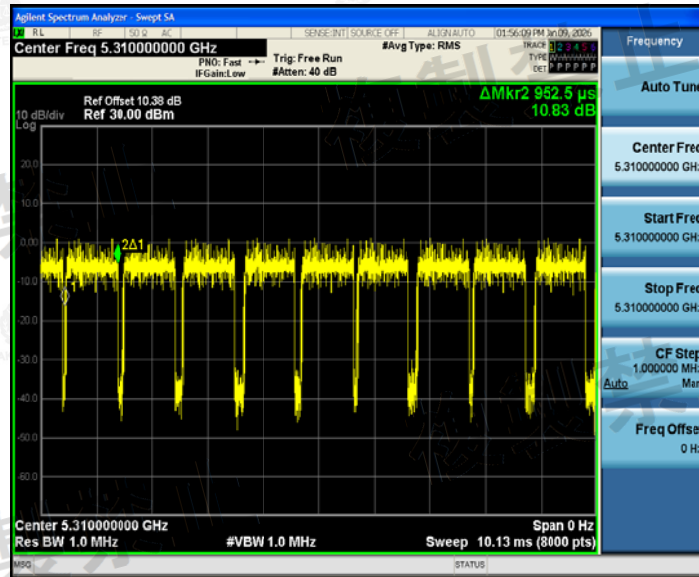
802.11ac(HT20) 5320MHz



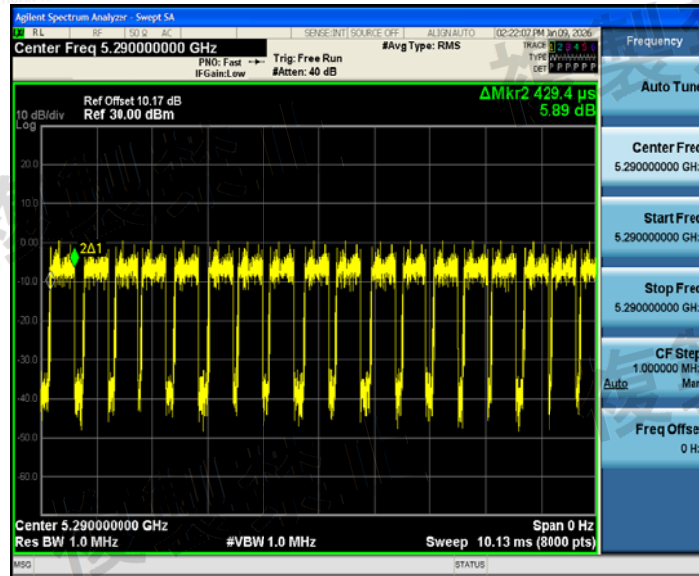
802.11ac(HT40) 5270MHz



802.11ac(HT40) 5310MHz



802.11ac(HT80) 5290MHz



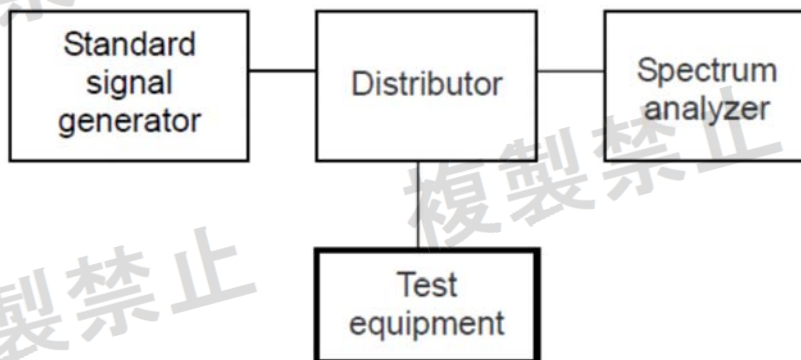
4.10 Interference Prevention Function

4.10.1 Test Requirement

Test Requirement: Item 19-3 of Article 2-1

Shall not transmit radio wave when receiving over 100mV/m

Test Configuration: Test with test equipment only



4.10.2 Test Procedure

1) Test Conditions:

Spectrum Analyzer and signal generator is used for measurement.

2) EUT conditions:

Set the test equipment at the test frequency and the test spread code, and set it to the receiving mode, when using external test equipment, establish a connection

3) Set the standard signal generator as follows:

Carrier frequency: Center frequency of receiving frequency band of test equipment

Modulation: No modulation (when the carrier sense function does not work by the un-modulated subcarrier in center frequency, shift the frequency or modulate if needed.)

Output level: In the antenna input unit of test equipment, field intensity is equivalent to the value which becomes 100mV/m.

4) Set the spectrum analyzer as follows:

Center frequency: Center frequency of the bandwidth used.

Sweep frequency band: 50MHz

Resolution bandwidth: Approximately 1 MHz

Video bandwidth: Approximately same as the resolution bandwidth

Y-axis scale: 10dB/Div

Trigger condition: Free-run

Detective mode: Positive peak

5) Measuring operation

- (1) Test with test equipment only: Set the test equipment to the transmitting operation with the output of standard signal generator OFF, and confirm that it emits radio wave, using spectrum analyzer.
- (2) Set the test equipment to the receiving mode.
- (3) Set the test equipment to the transmitting operation with the output of standard signal generator ON, and confirm that it does not emit radio wave, using spectrum analyzer.

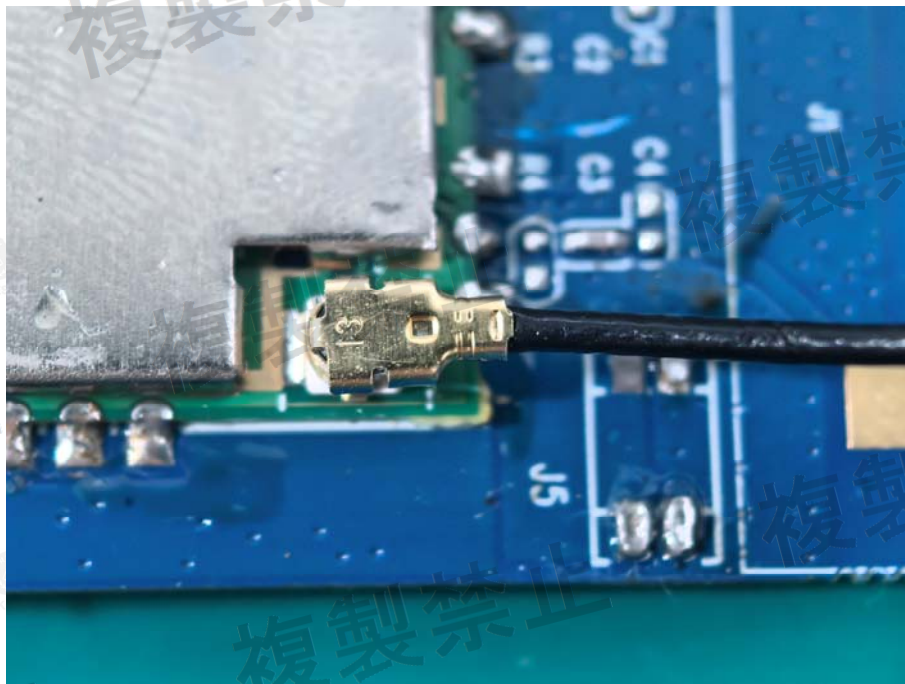
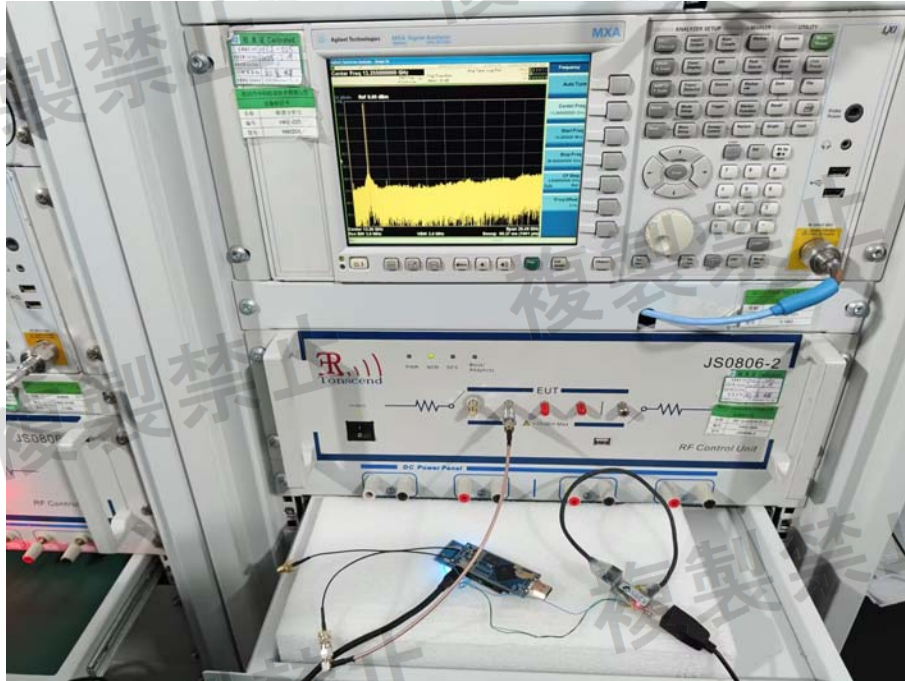
4.10.3 Test Result

The product shall not transmit radio wave when receiving over 100mV/m. The unit does meet the requirements

5. Test Setup Photos of the EUT

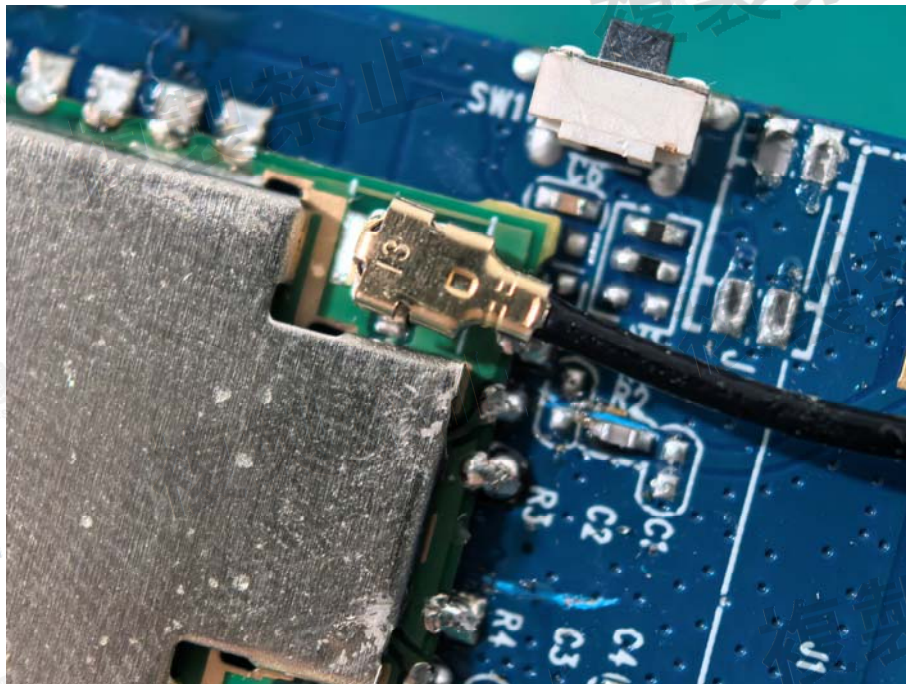
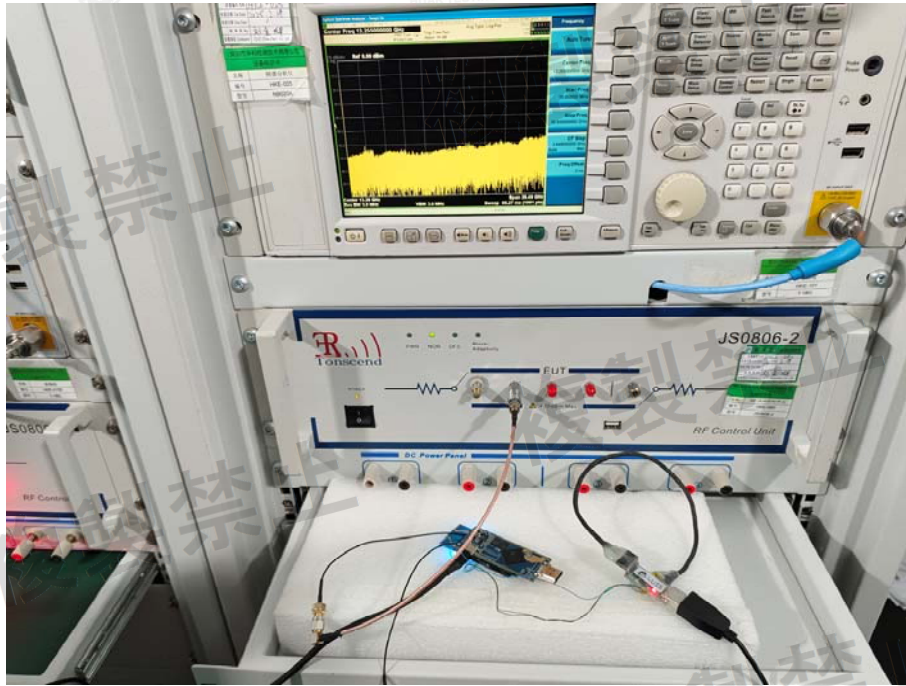
Measurement Photos

ANT 1



Measurement Photos

ANT 2



6. Photos of the EUT

Reference to the report: ANNEX A of external photos and ANNEX B of internal photos

-----End of report-----