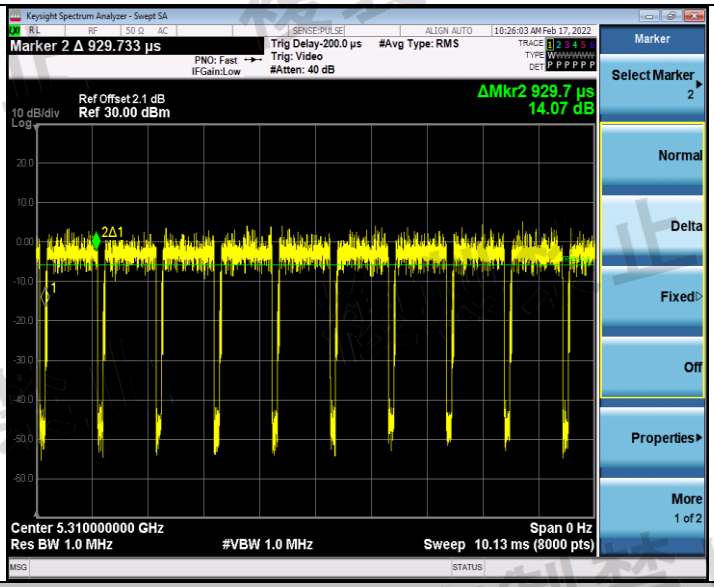

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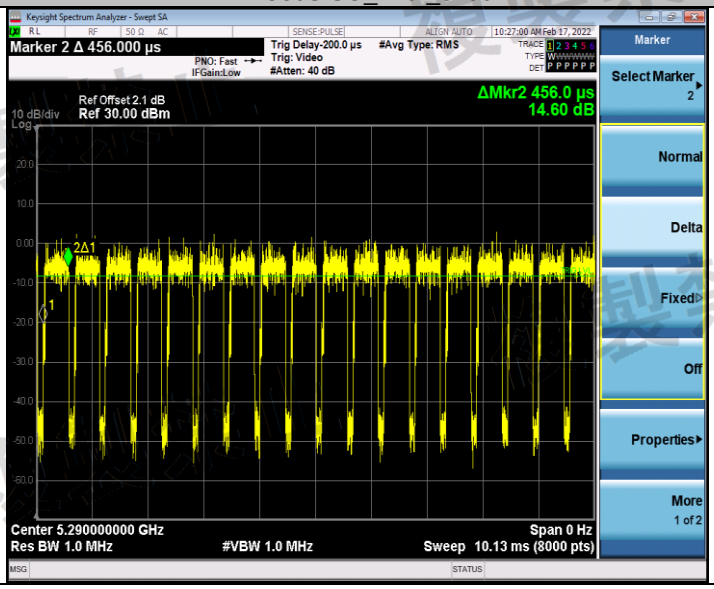
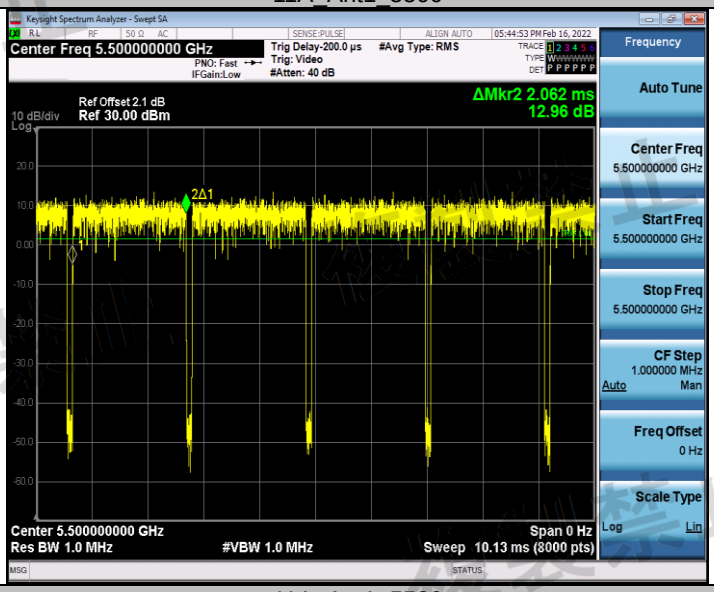


11A_Ant1_5500



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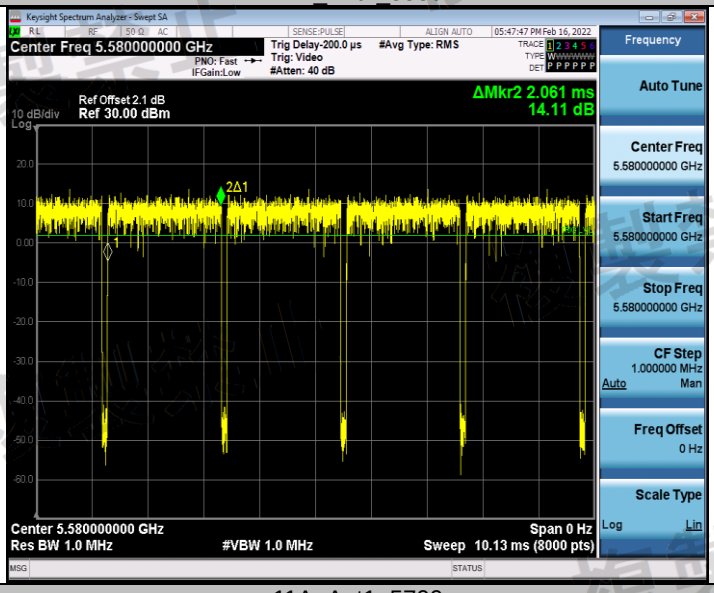

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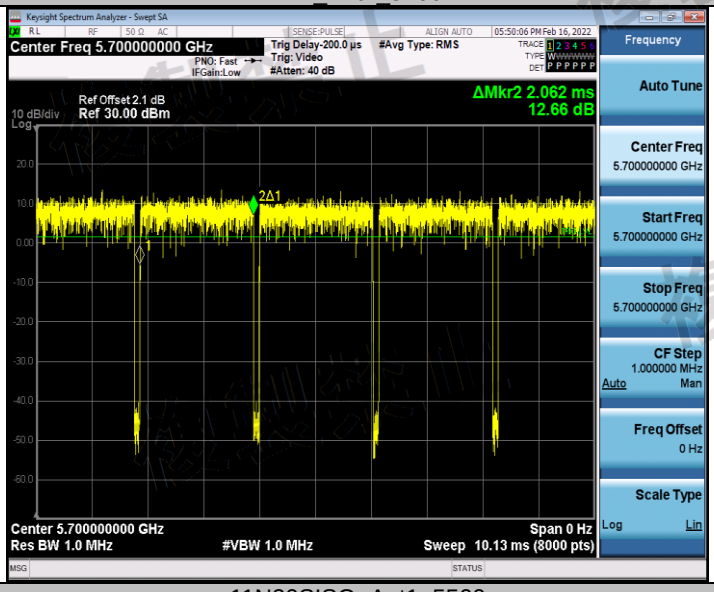

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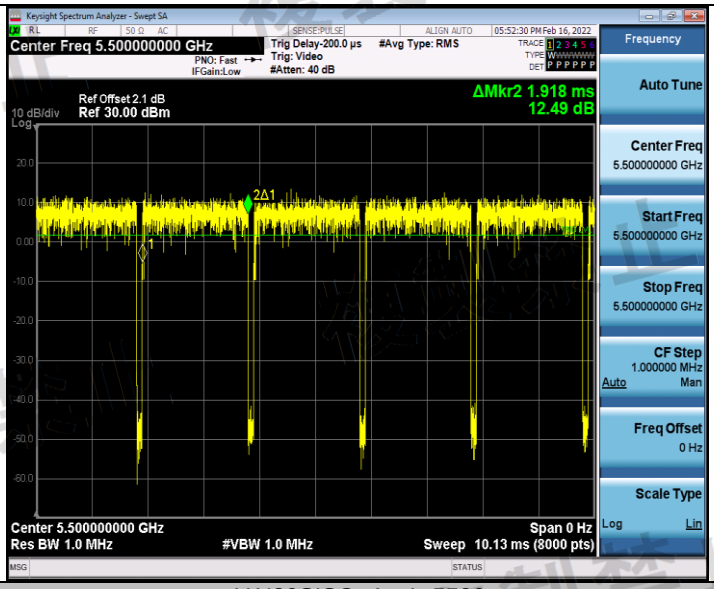

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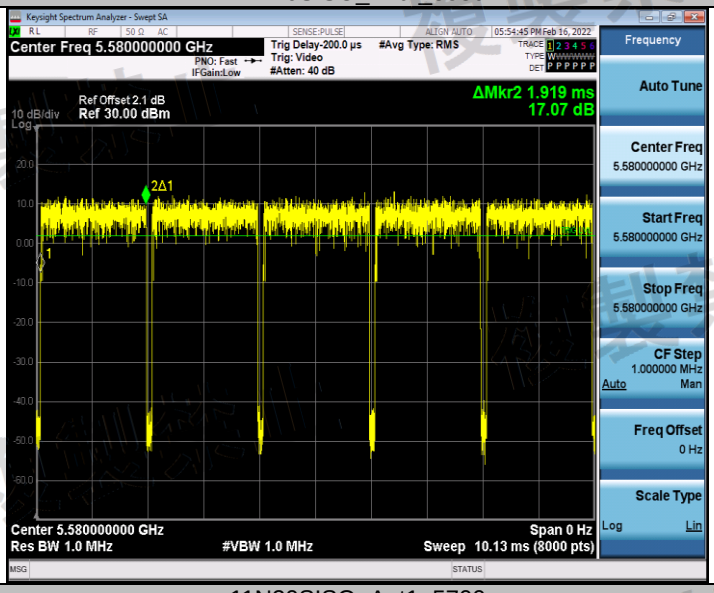

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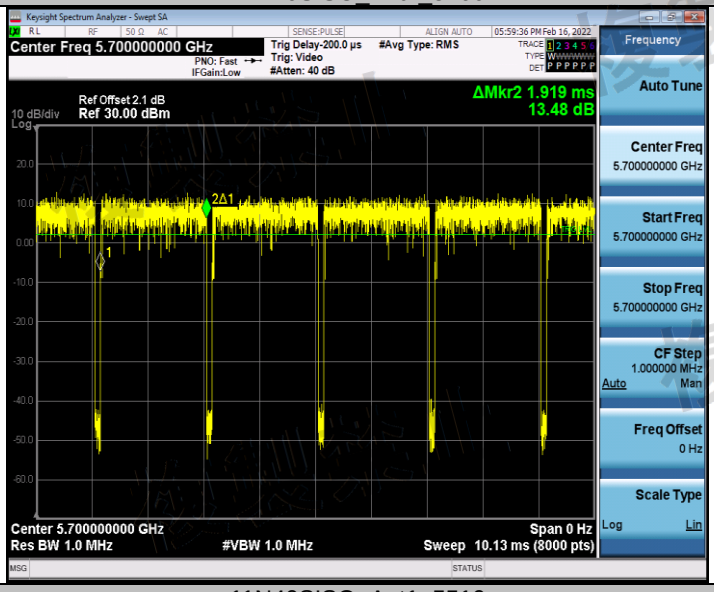

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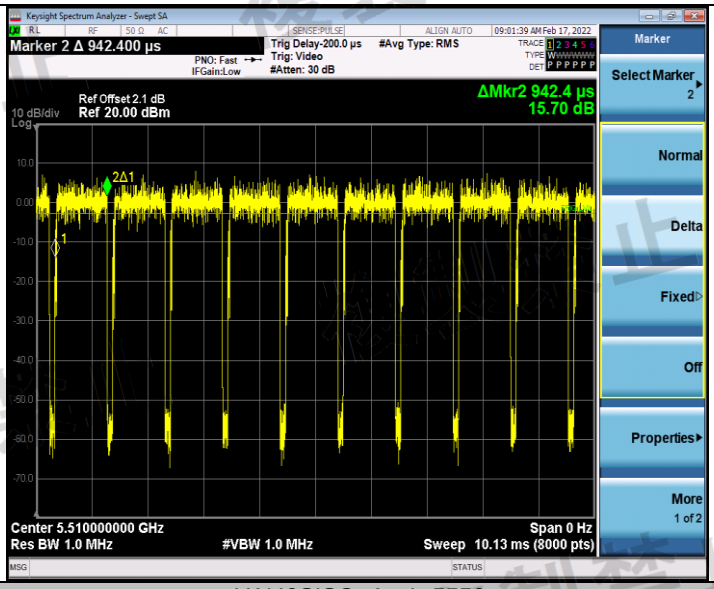

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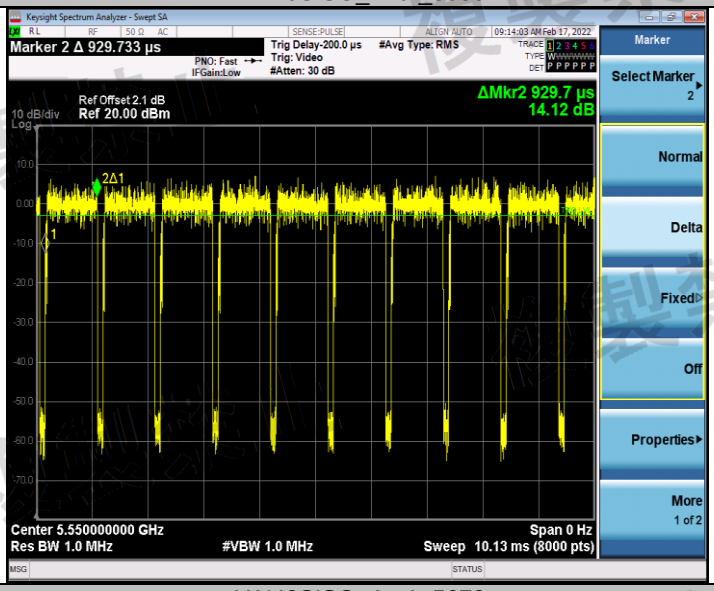

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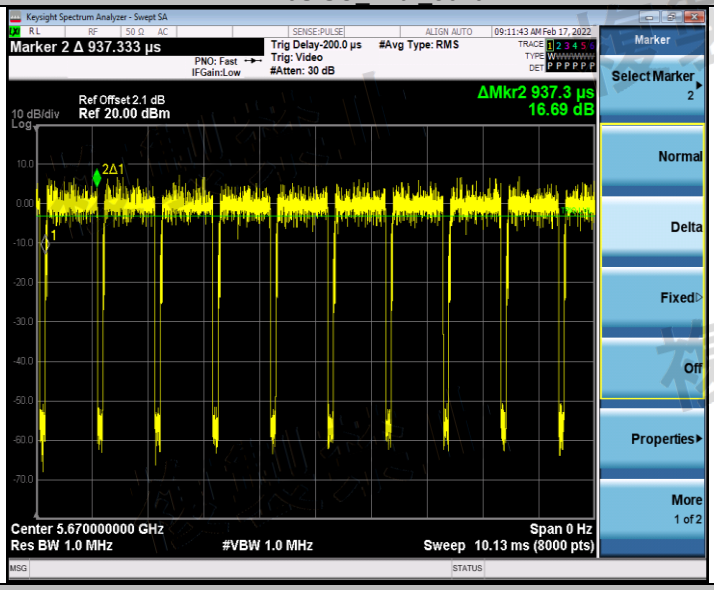

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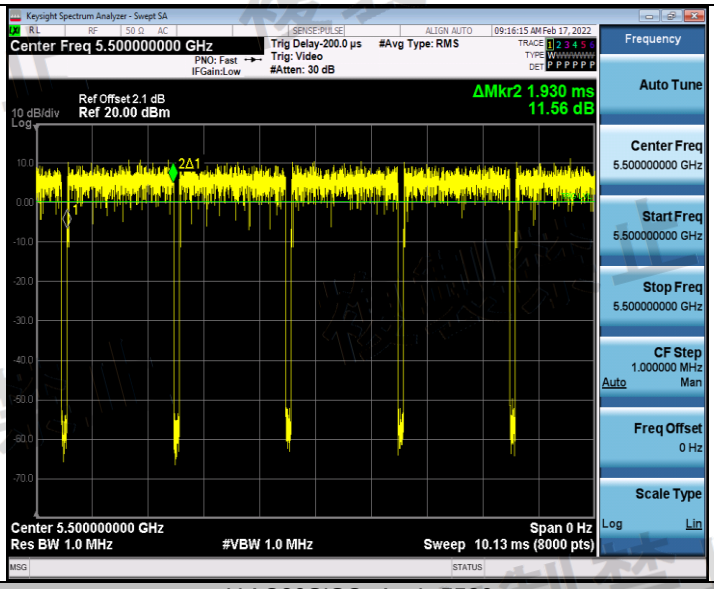

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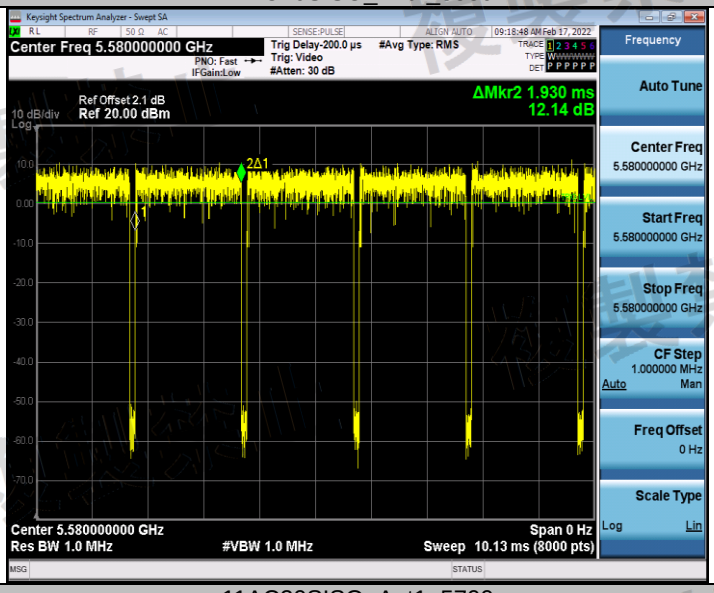

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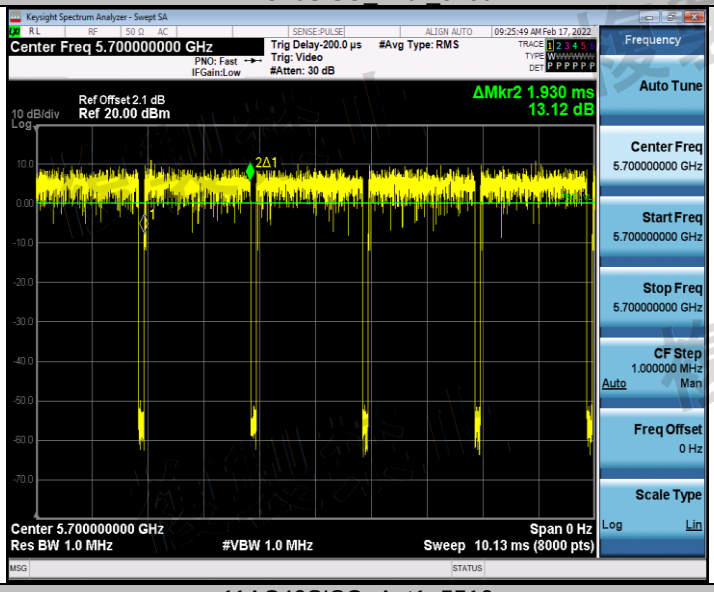
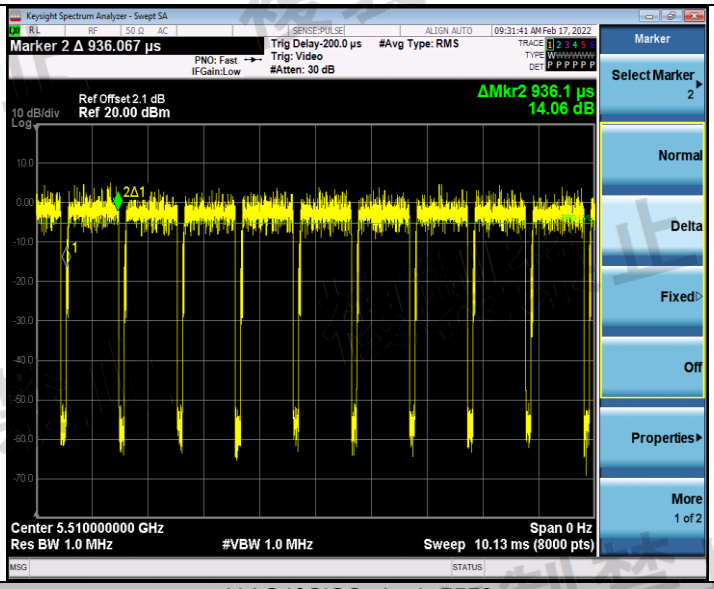
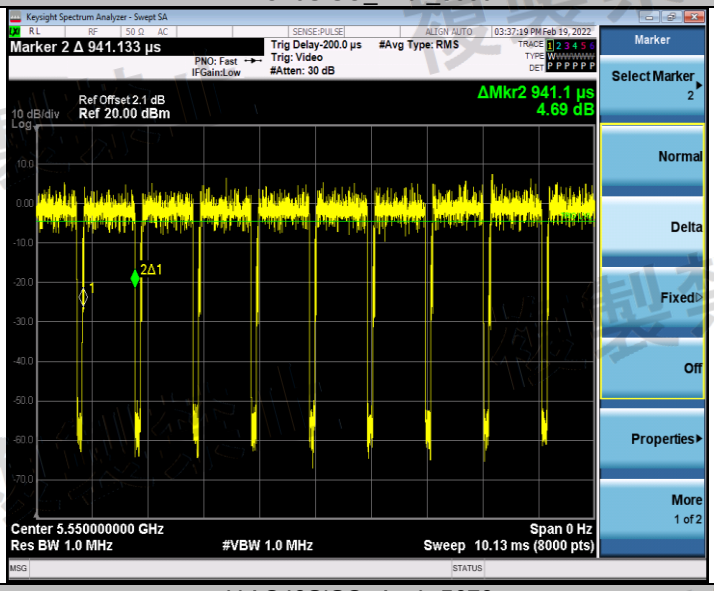


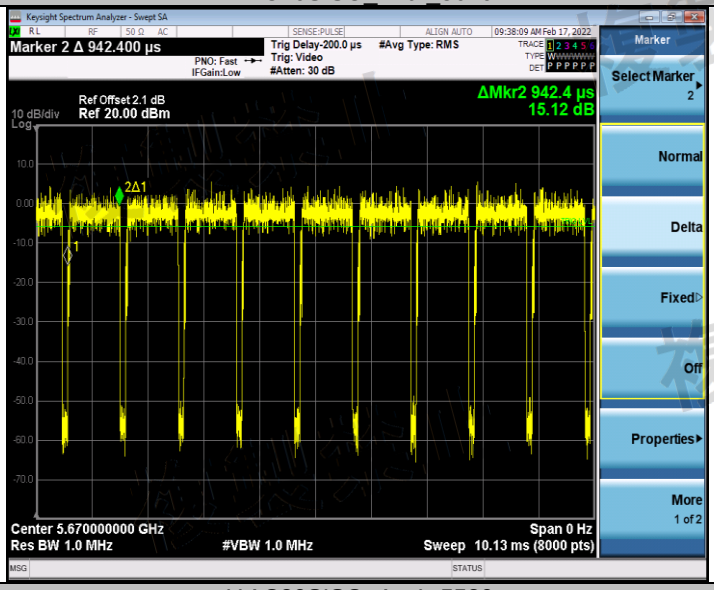
11AC40SISO_Ant1_5510



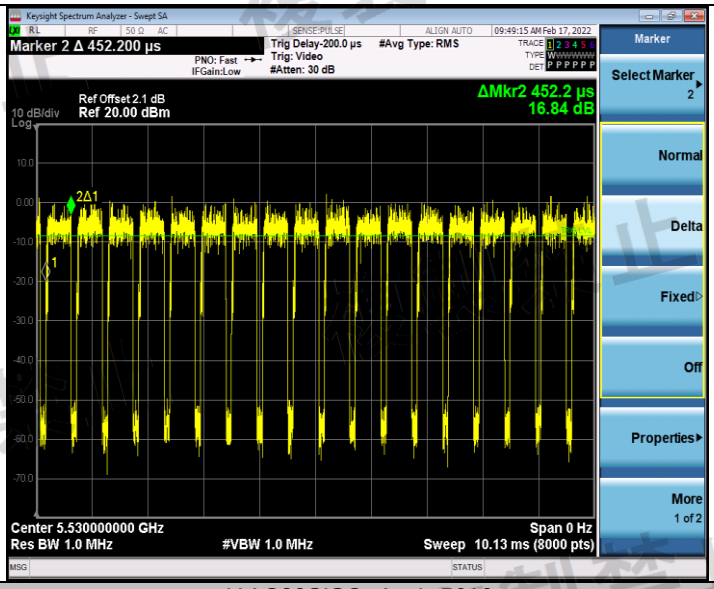
11AC40SISO_Ant1_5550



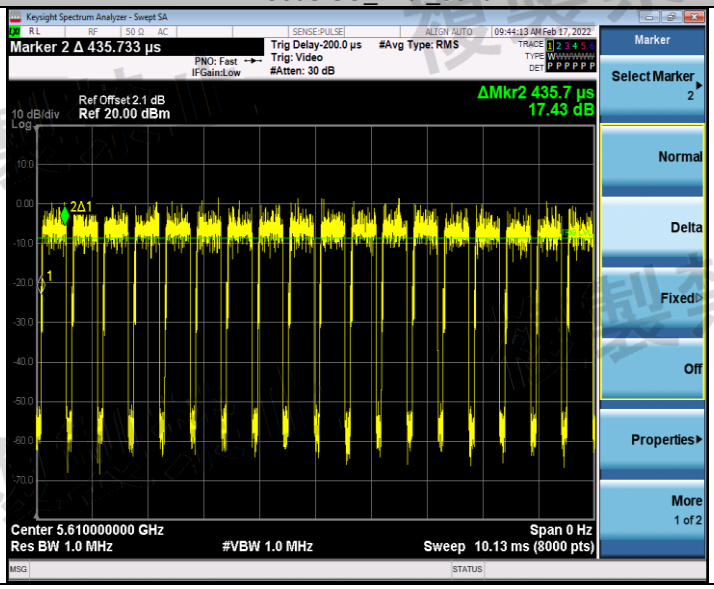
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



3.9. Construction protection confirmation method

Requirement

The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily

Confirmation method

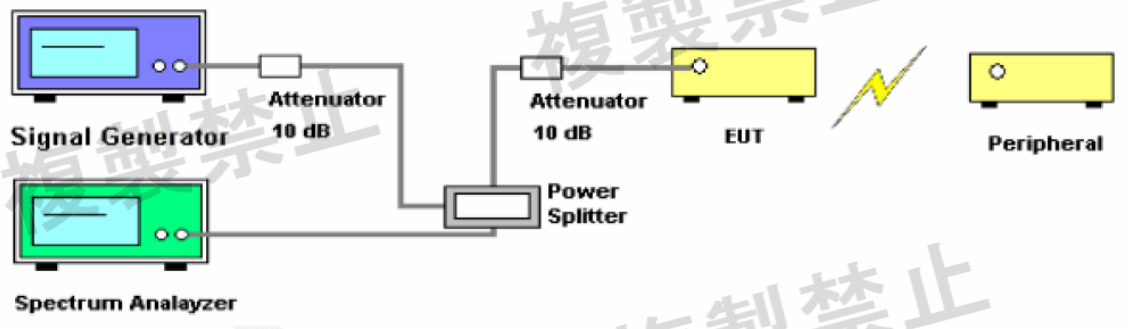
Reference to the test report No.: CTC20220181E01.

3.10. Carrier Sense Capability

Limit

EUT stop RF transmission signal after carrier inject to EUT for the OFDM system

TEST CONFIGURATION



TEST PROCEDURE

1. Set The EUT state in “normal mode link with wireless router”.
2. SG adjusted the frequency as same as the EUT transmitted signal and emitted the absence of modulation from SG and power level is (on 22.79+G-20*log (f) dBm)(G is the antenna gain is the test frequency)
3. (f): Test frequency, Unit: MHz
4. 3. Turn off the RF signal of the SG.Turn off the RF signal of the SG.
5. EUT have transmitted the maximum modulation signal and fixed channelize.
6. Setting the spectrum as fellow :
   RBW/VBW=1MHz/1MHz
   Span=50MHz
   Sweep time=Auto
   Sweep mode=Continuous
   Detect mode=Positive peak
7. SG RF signal on.
8. EUT shall be stop the transmitted any signal and SG RF signal off, the EUT will be continuous transmitted signal.

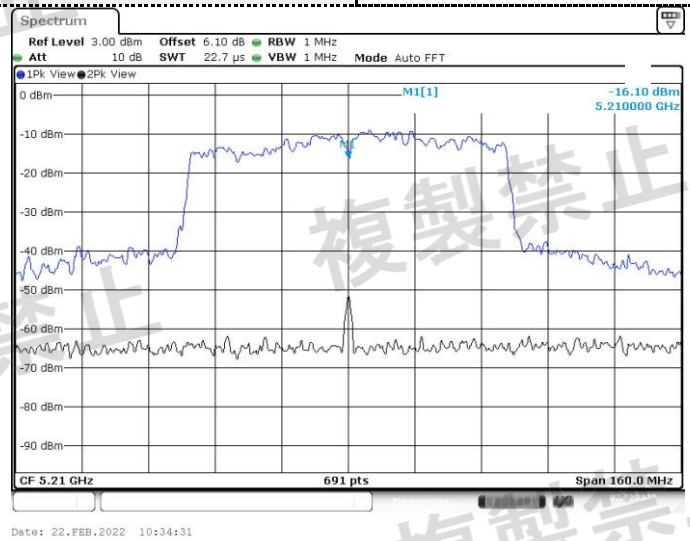
TEST RESULTS

Frequency(MHz)	Pcs(dBm)	Interference level(dBm)	Result
5210	-46.96	-50	PASS
5290	-47.31	-50	PASS
5530	-48.38	-50	PASS
5610	-48.51	-50	PASS

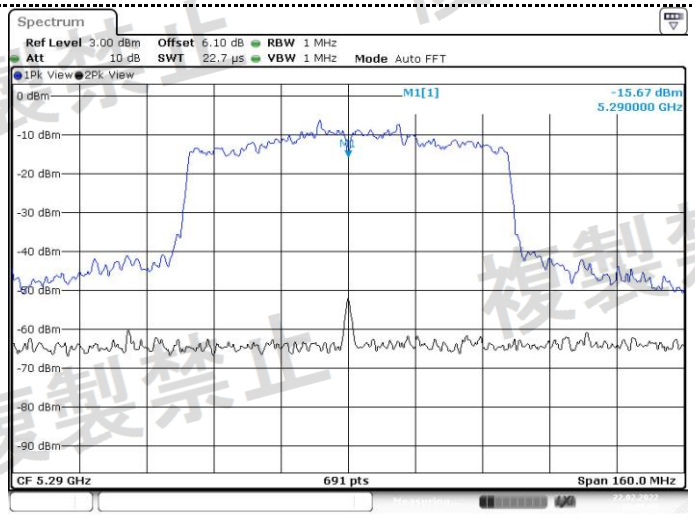
*Note: Pcs [dBm] = 22.79 – 20*log(fMHz)+Antenna Gain*

Test plot as follows:

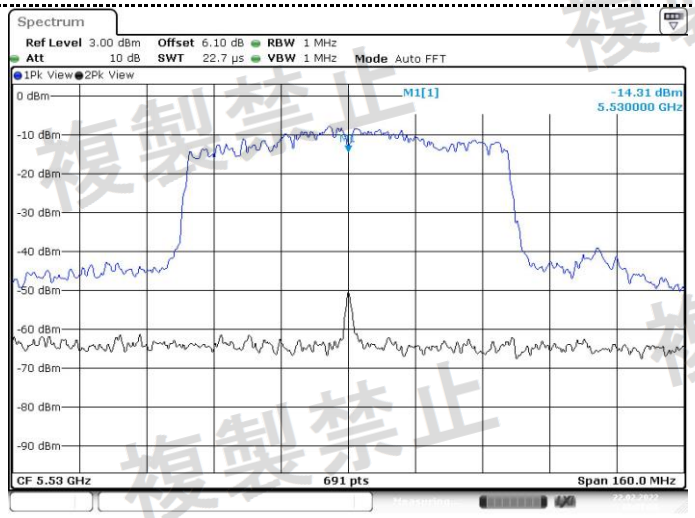
Test mode:	802.11ac(VHT80)



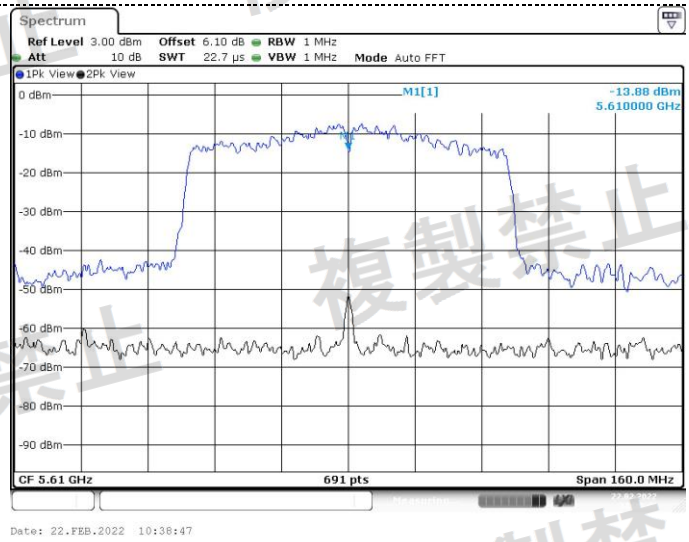
5210MHz



5290MHz



5530MHz



5610MHz

Blue Line: Communication status
Black Line: Communication stop state

3.11. Interference Prevention Function

Chiefly the one automatically to transmit and to receive identification code with the wireless equipment of the wireless station used in the same premises

TEST SOFTWARE

Tear Term VT

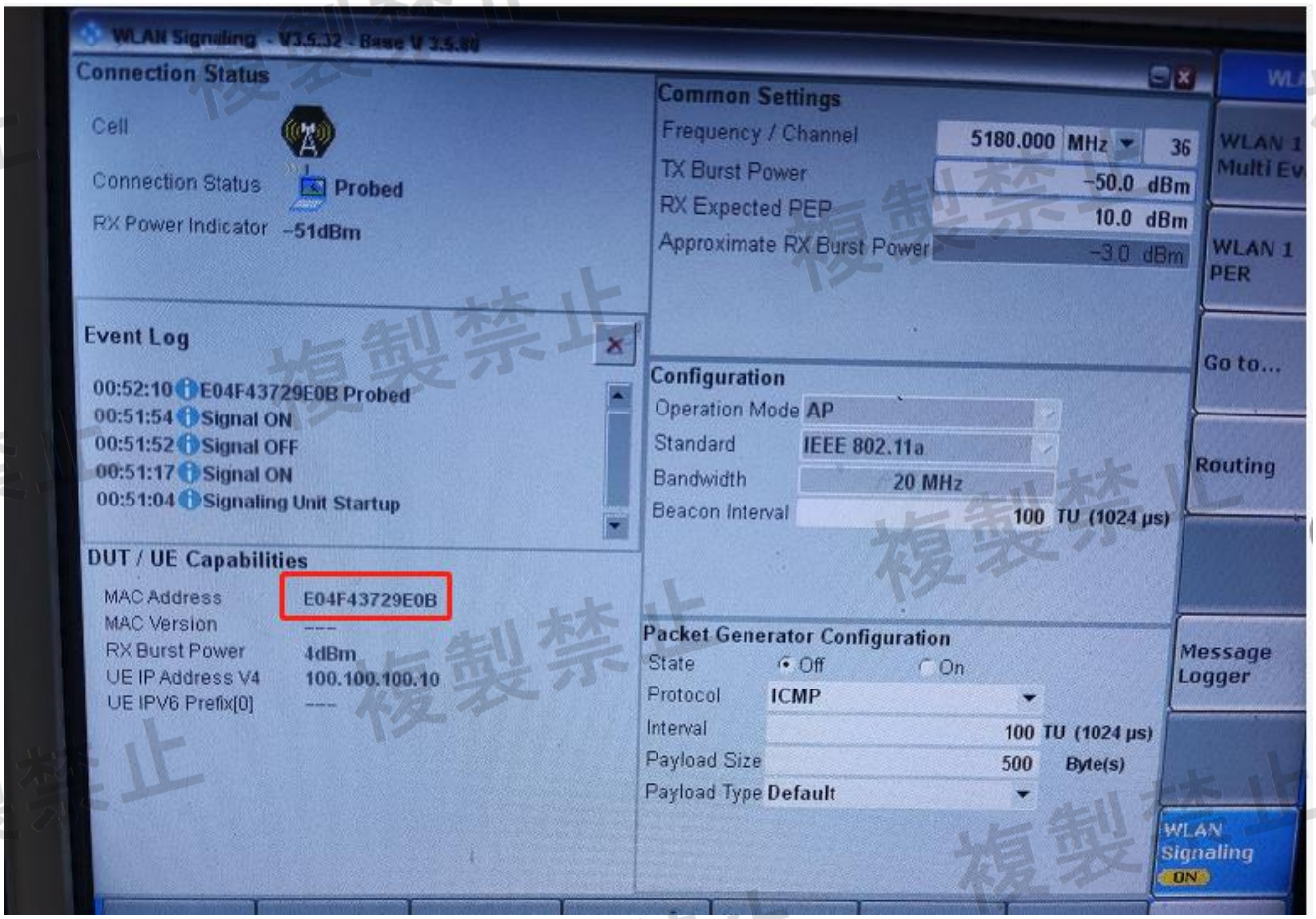
TEST PROCEDURE

1.EUT Connect CMW500

We can get the information as follows:

E0:4F:43:72:9E:0B

TEST RESULTS



3.12. Dynamic Frequency Selection (Slave)

Test Requirement:

Article 2 paragraph 1 item (19-3)

Test Method:

Ordinance Regulating Radio Equipment No. 18, Article 49-20

Requirement

WAS/RLAN devices operating in slave mode (slave device) can be operated in a network controlled by a WAN/RLAN device operating in master mode (master device).

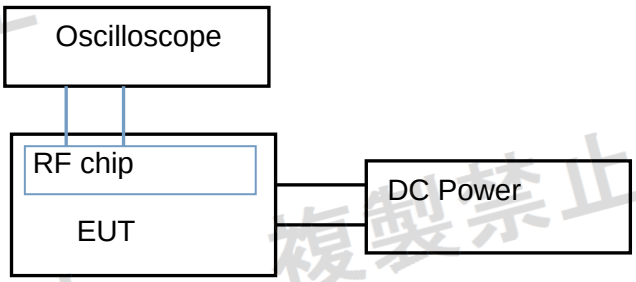
Test Results

Can be operated in a network controlled by a WAN/RLAN device operating in master mode.

3.13. Condition for Voltage Stabilization

- In the case of a characteristic test in the technical regulations conformity certification, the power supply supplies the voltage rating
- Other cases
  The power supply supplies the voltage rating and the rating. However, when it can be confirmed that the change of the input voltage to the wireless part circuit of the testing machine is 1% or less when the input voltage to the testing machine from the external source changes at 10%, examines it only by the voltage rating.

TEST CONFIGURATION



TEST PROCEDURE

Reference to the test report No.: CTC20220181E01.

**********THE END**********