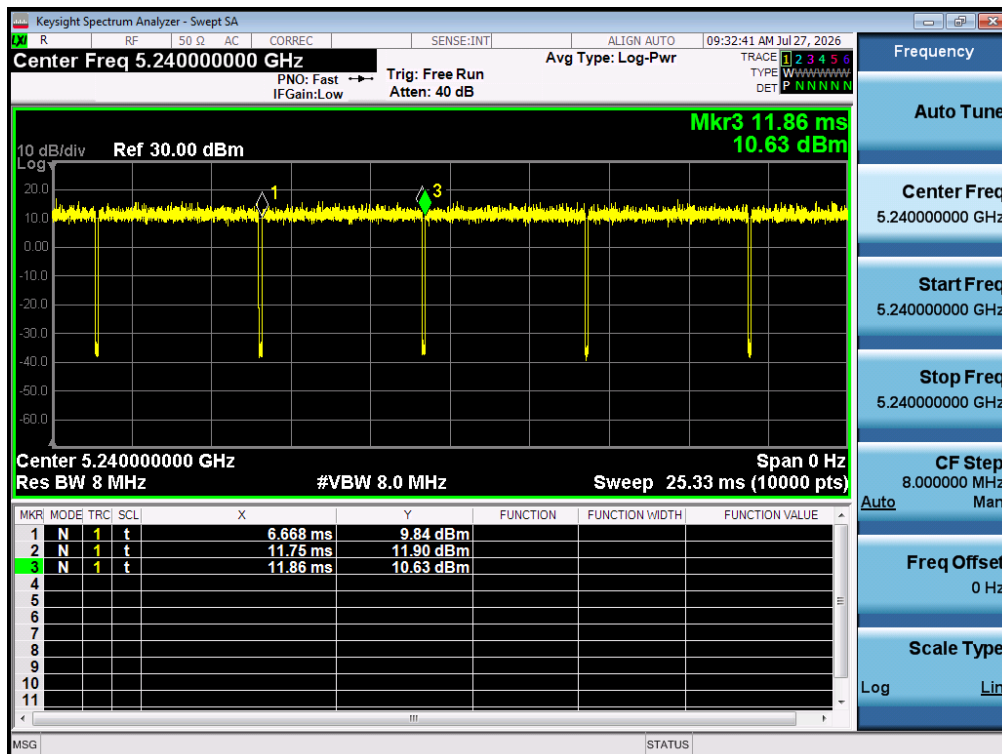
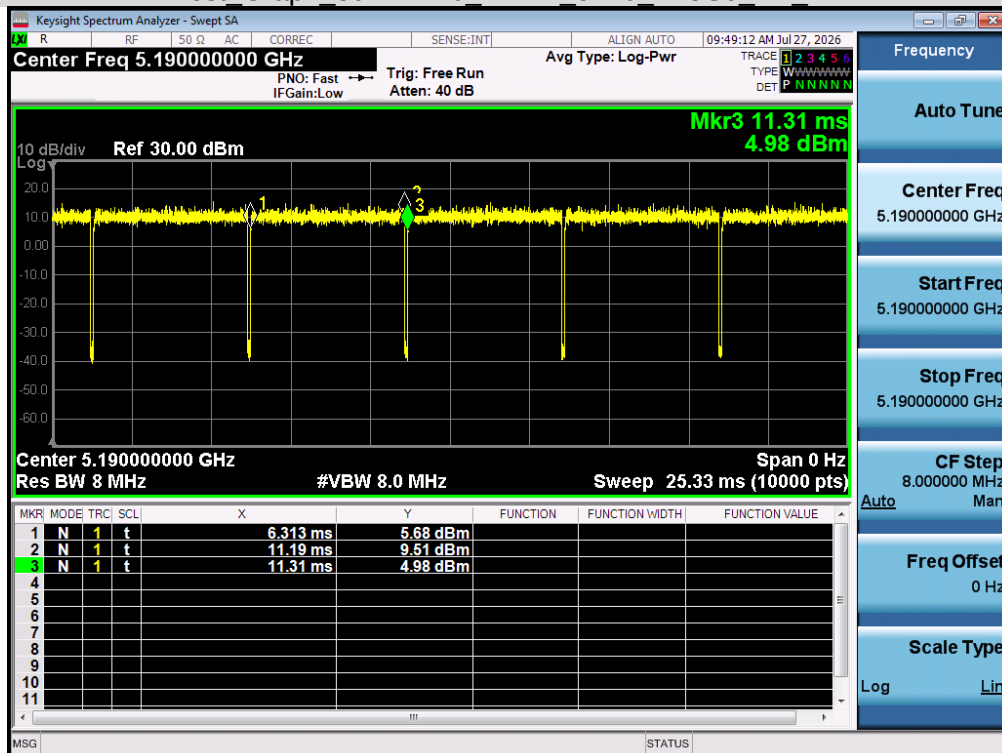




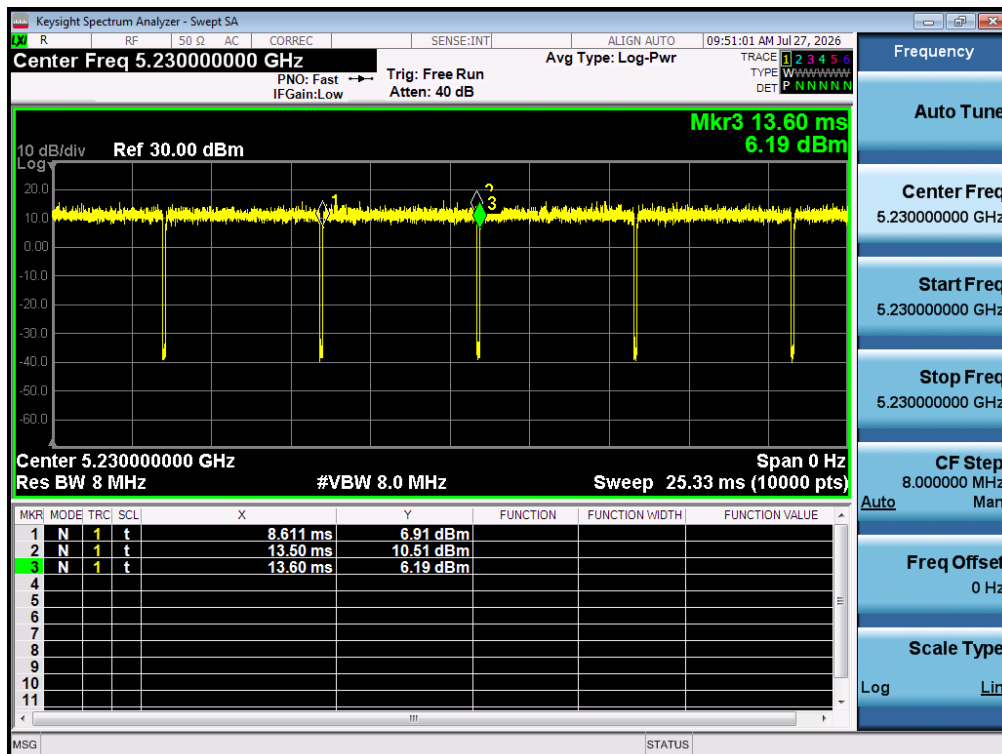
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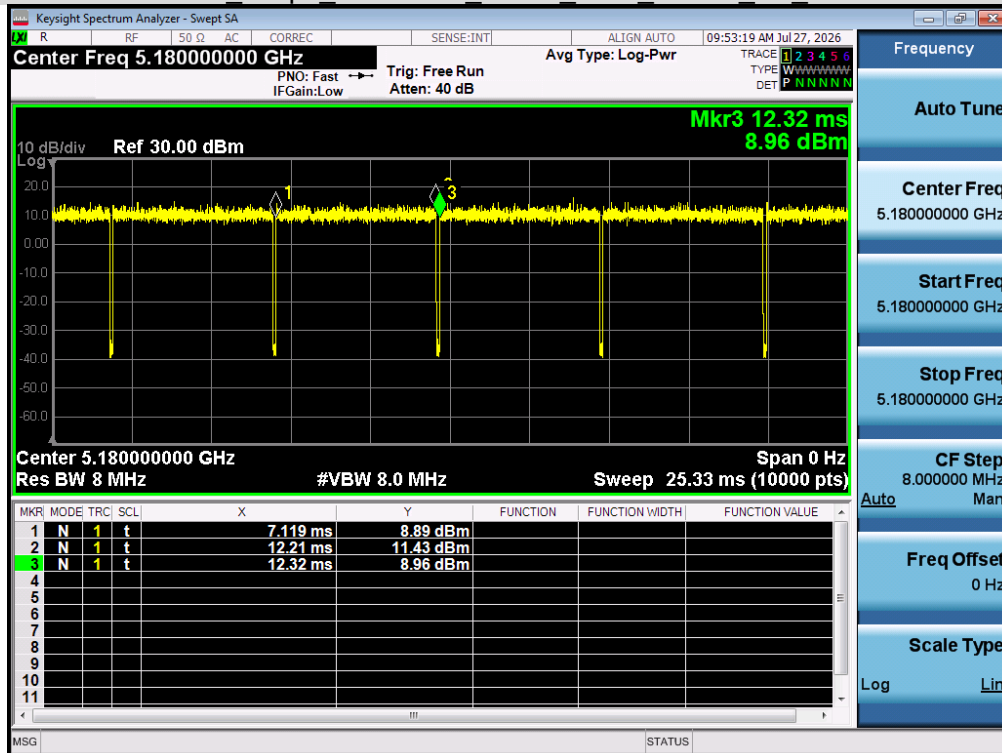
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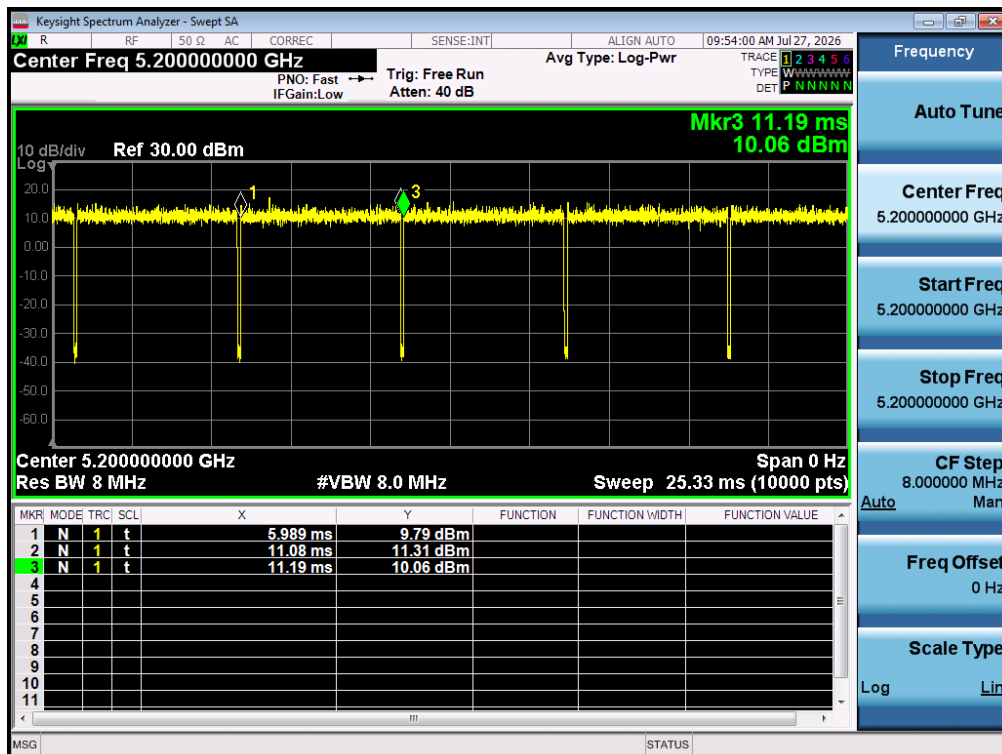
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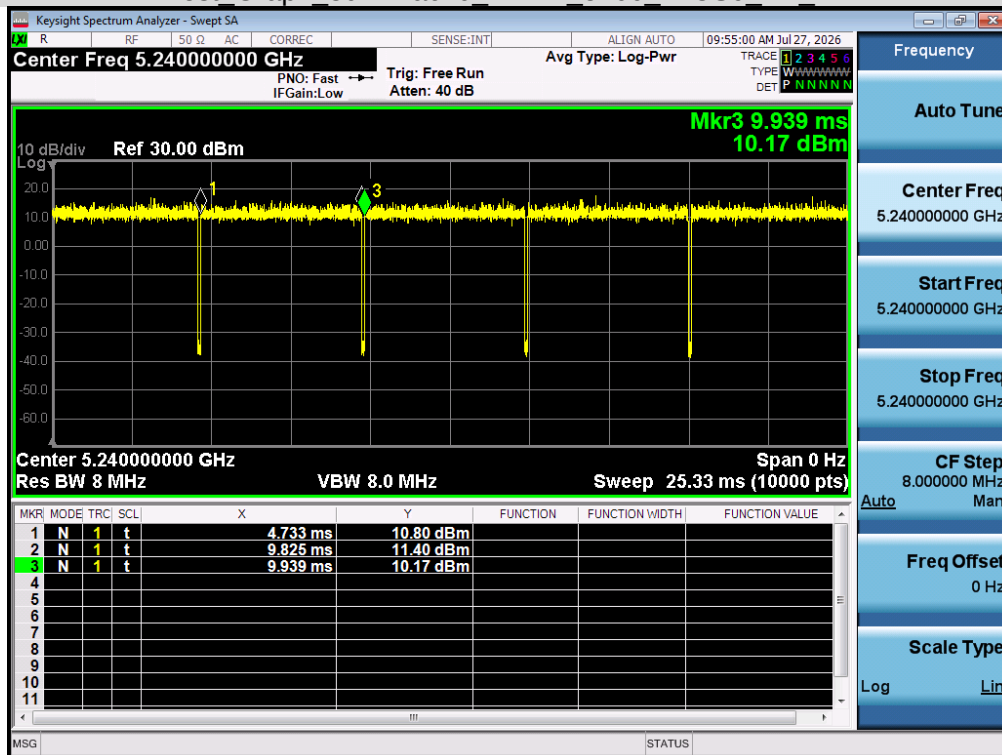
Test Graph 802.11ac20 ANT 1 5180 MCS0 DT NV

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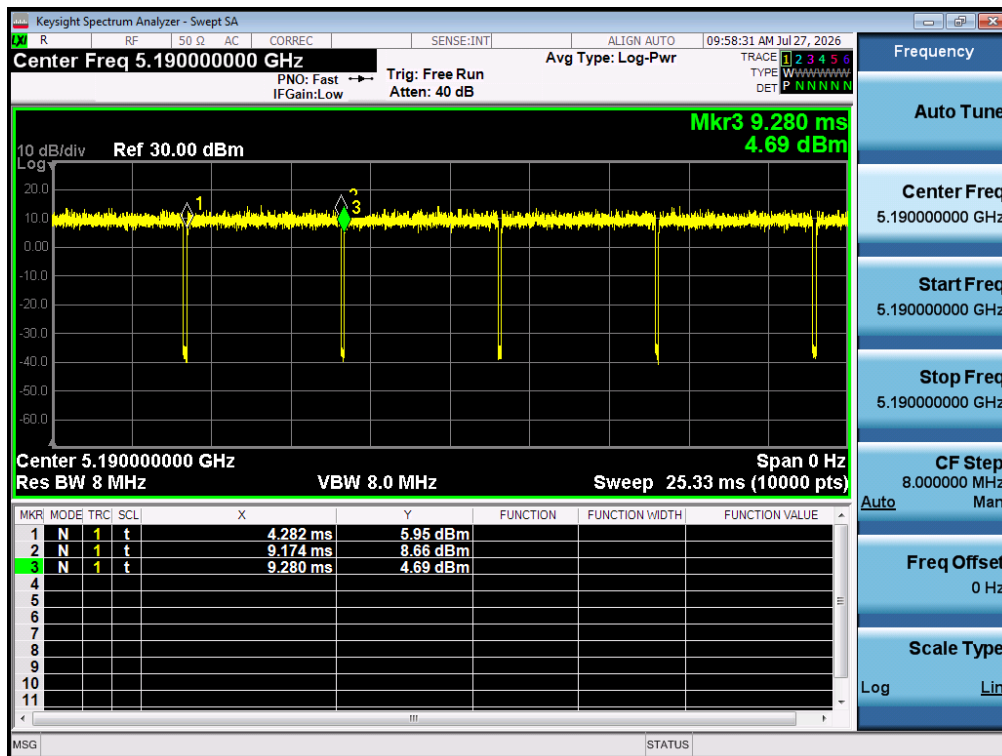
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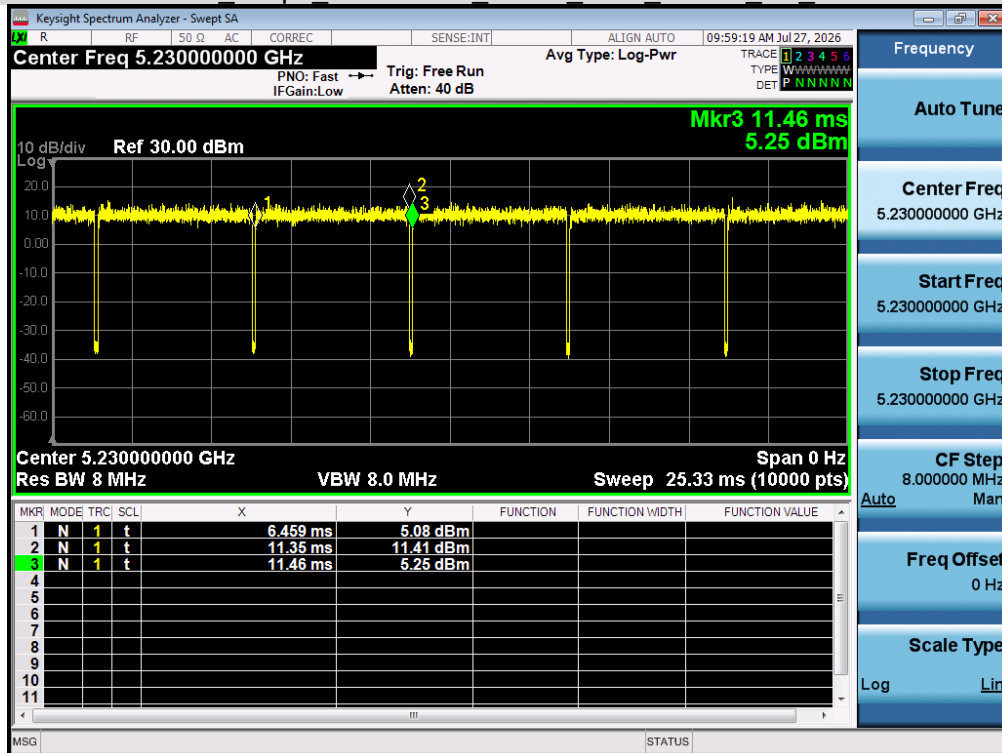
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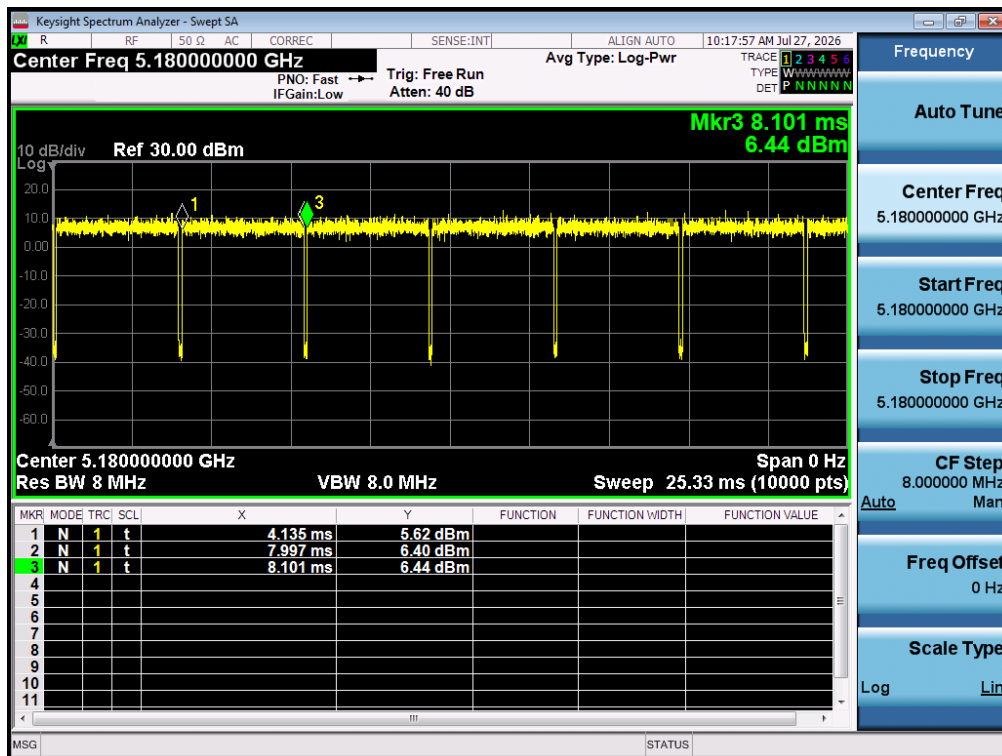
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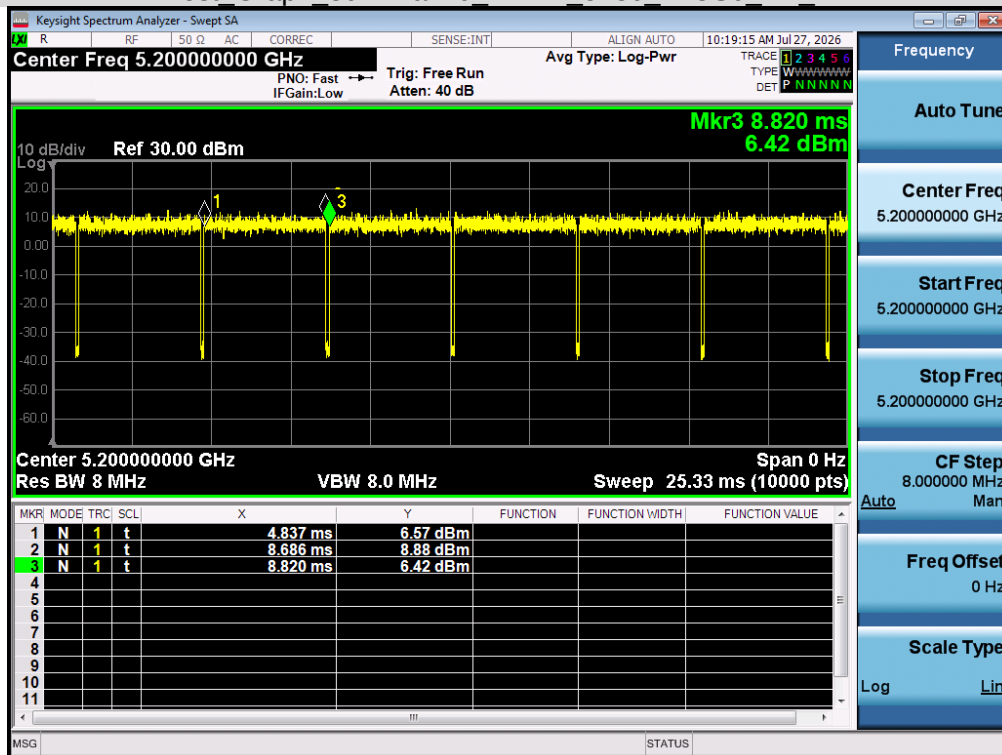
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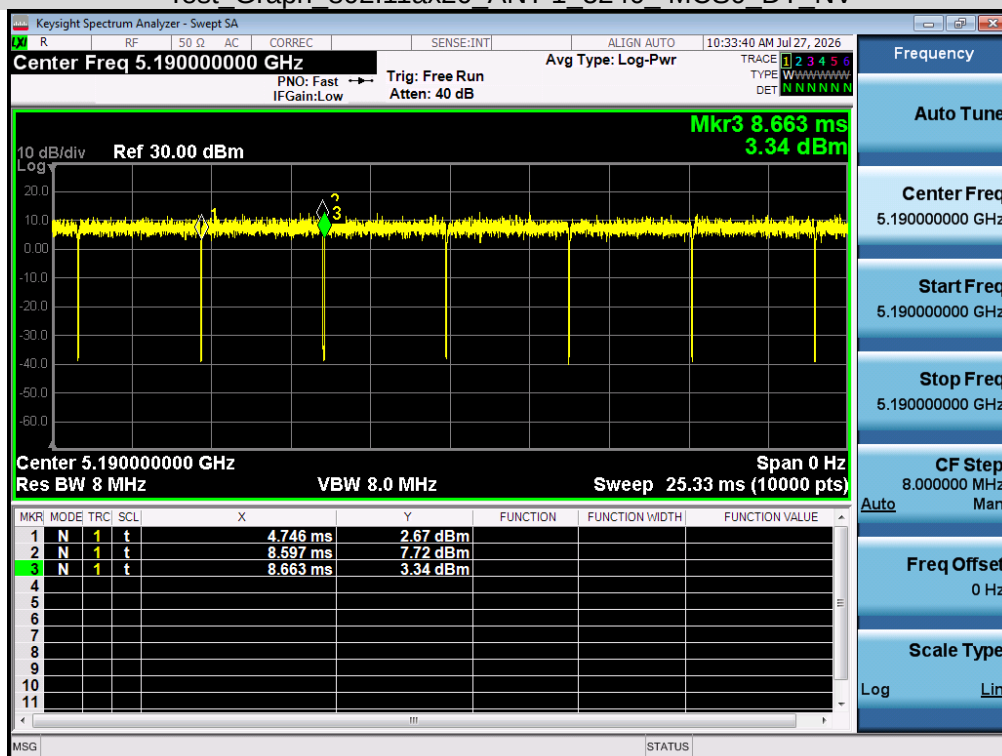
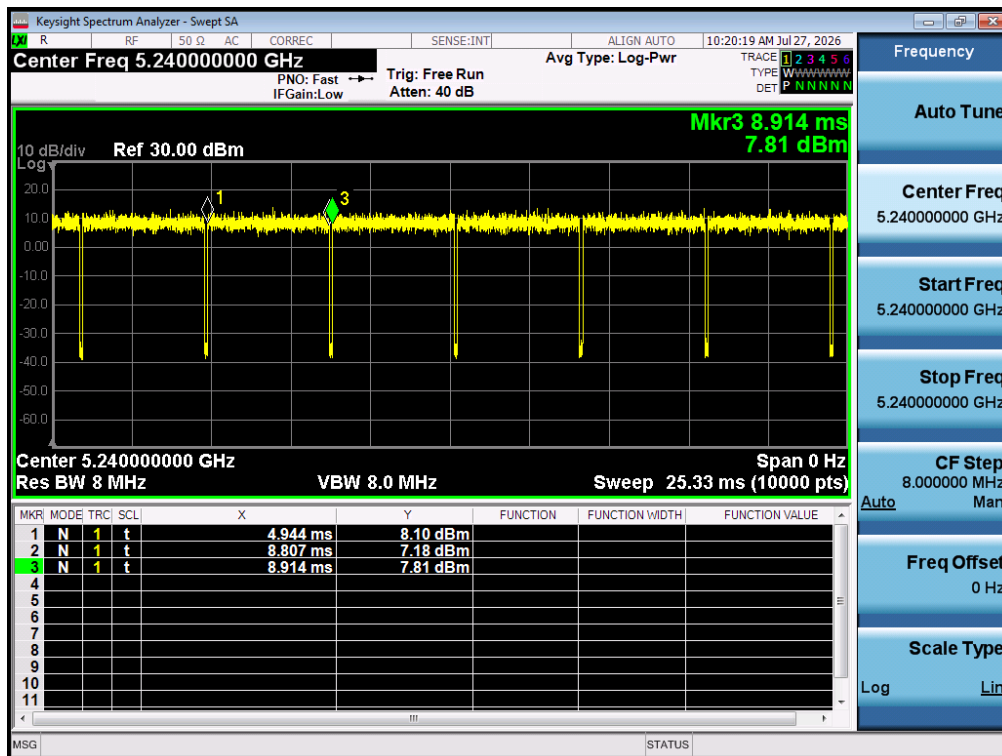
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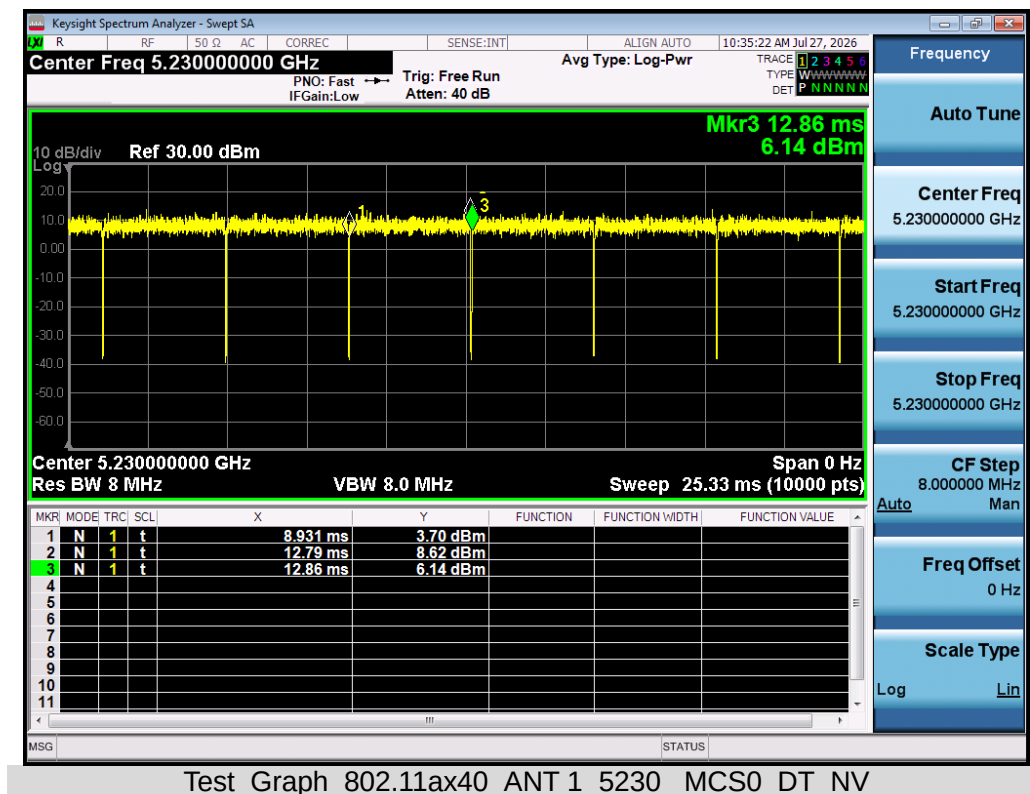
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5.9 Carrier Sensing Function Measurement

Test Limit

Conform the carrier sense function for 40MHz system equipment only.

Test Procedure

1. Condition of equipment of same type of radio equipment to be tested is as follows. It shall be able to perform communication with the radio equipment to be tested.
2. Standard signal generator set-up

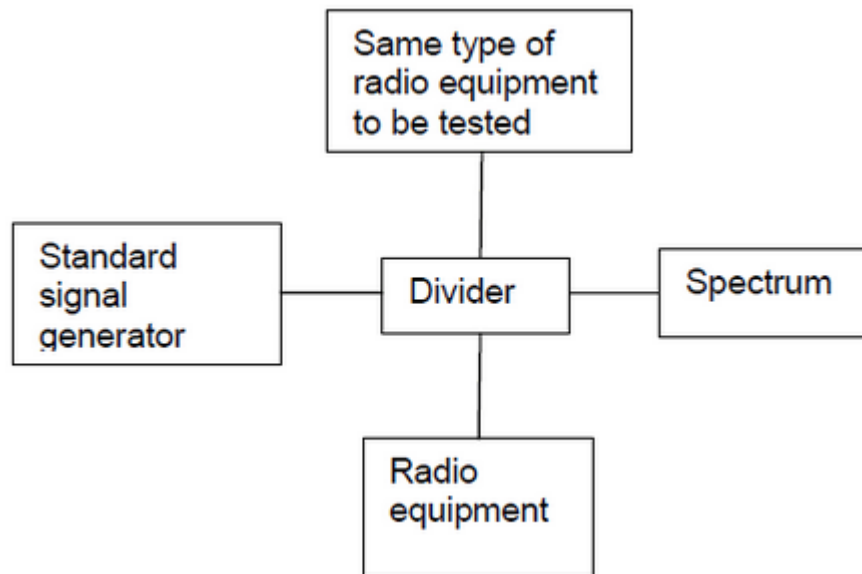
Spectrum Parameter	Setting
Carrier frequency	Center frequency of occupied bandwidth of the equipment to be tested
Modulation	No Modulation
Output Level	Value enough to confirm interference detecting function Less than $(22.79 + \text{Gain} - 20 \cdot \log(f) [\text{dBm}])$ or 100mW/m Gain is dBi, f is MHz

3. Spectrum analyzer set-up

Spectrum Parameter	Setting
Carrier frequency	Center frequency of occupied bandwidth of the equipment to be tested
Sweep bandwidth	More than occupied bandwidth of the equipment to be tested
RBW	1MHz
VBW	1MHz
Trigger condition	Free run
Detection mode	Positive peak

4. Under OFF condition at output the standard signal generator. Set a communication between the EUT and the external support equipment and use a spectrum analyzer to confirm that the OFDM occupied bandwidth at the test frequency is more than 26MHz.
5. With the output of the standard signal generator in the transmitting state, set a communication between the EUT and the external support equipment and use a spectrum analyzer to confirm that the OFDM occupied bandwidth at the test frequency is less than 26MHz.

Test Setup



Test Result

The transmission and reception of the EUT are controlled from other radio equipment which performed transmission resumes transmission within 8 milli-second after a career sense.
So, the EUT can omit perform a career sense.

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5.10 Interference Prevention Function Measurement

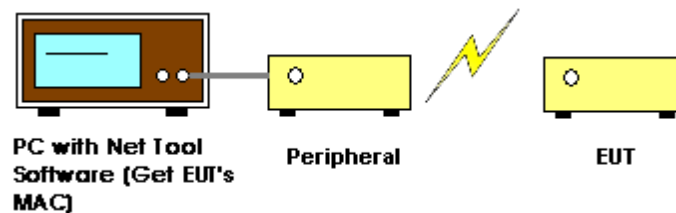
Test Limit

Test Item	Limits
Identification Code	≥ 48 bits
MAC IP List	MAC Scan

Test Procedure

- 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.
- 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.

Test Setup



Test Result

Test Temperature	23.3℃	Relative Humidity	56.4%
Test Pressure	101kPa	Test Engineer	Vicky Huang
Testing Time	2026-07-24		

Test result of interference prevention function		
Item	MAC address	Test result
Identification code	F2:81:F1:6A:F2:68	Good

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5.11 Housing Requirements

Test Limit

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

Confirmation Method

The RF and modulation portions are protected against illegal modification as following method:

Protected Method	Description
WIFI Module Package	WIFI Module Package of RF (AIC8800M40B) and Modulation (TX: 40MHz) portions is QFP type. (Chip pin number:48/Chip pin angle spacing: 0.4mm)
Shield case	The enclosure is blocked by buckles and it cannot be opened easily. Otherwise, the device will be damaged.
User Manual	We will add some warning statements on the user manual to against illegal modification.

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Appendix I: Photographs of Test Setup

Refer to the Report No.: AGC00688260702AP01

Appendix II: Photographs of Test EUT

Refer to the Report No.: AGC00688260702AP02

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Conditions of Issuance of Test Reports

1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Co., Ltd (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").
2. Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

-----End of Report-----

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