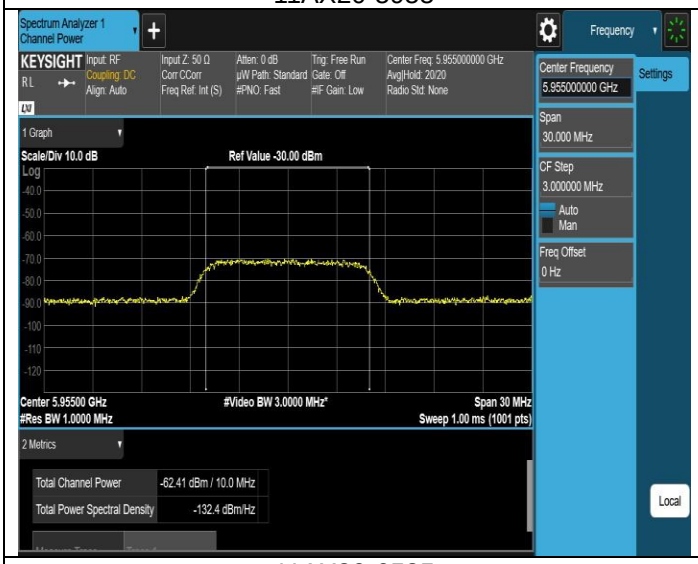
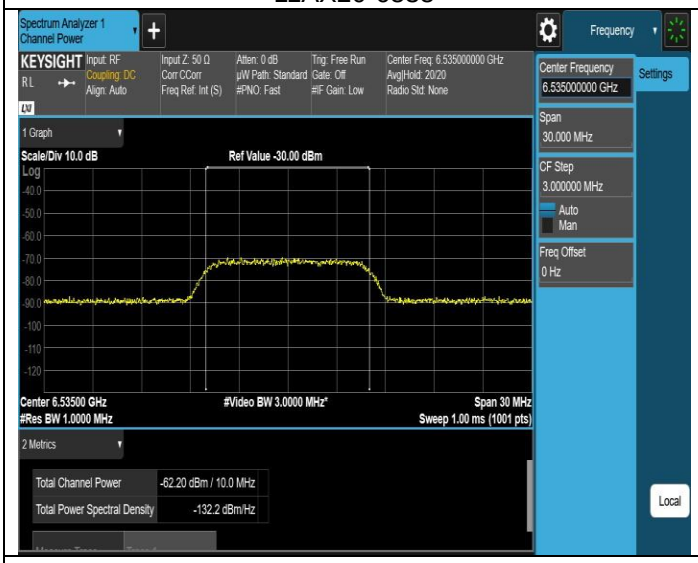
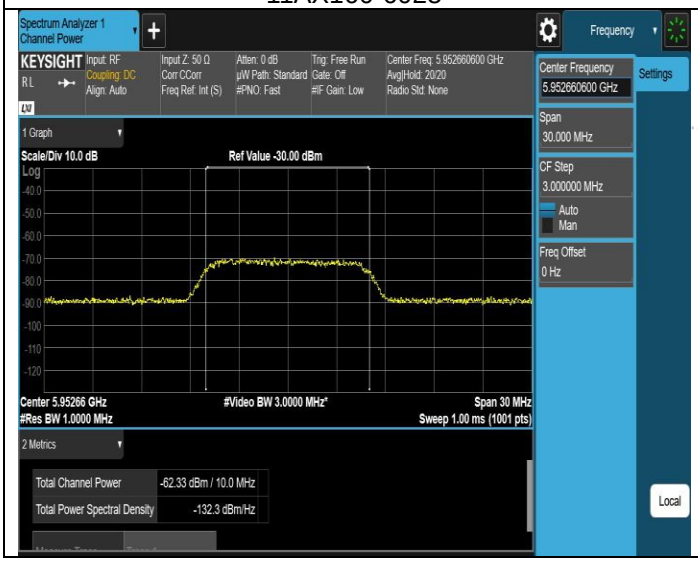
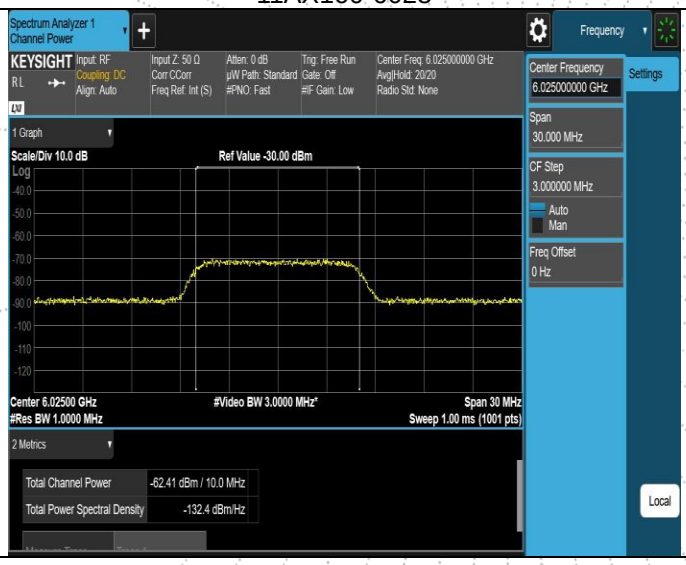
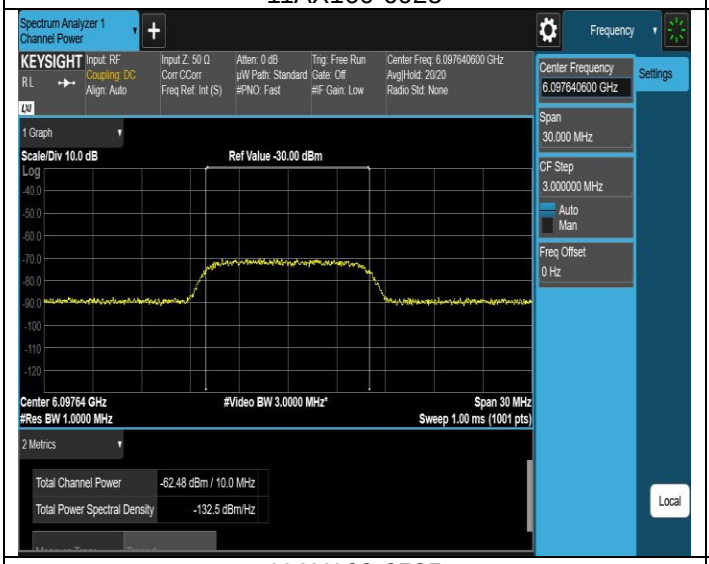
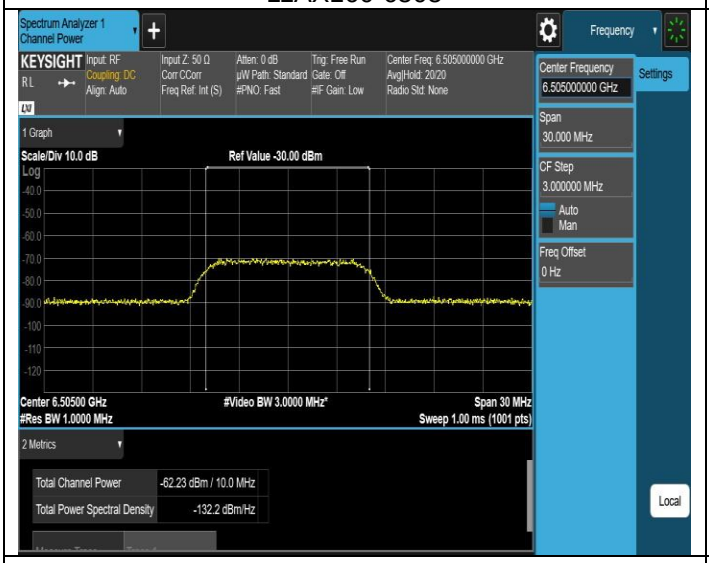
14.4 Test Result

Test Result:

Test Mode	Frequency [MHz]	AWGN Frequency [MHz]	AWGN Level (dBm)	Ant Gain (dBi)	Path loss (dB)	Injection Level(dBm)	Threshold (dBm)
11AX20	5955	5955	-62.41	2.64	3	-62.77	-62
11AX20	6435	6435	-62.49	1.79	3	-63.7	-62
11AX20	6535	6535	-62.19	1.79	3	-63.4	-62
11AX20	6895	6895	-62.36	1.93	3	-63.43	-62
11AX160	6025	5952.6606	-62.32	2.64	3	-62.68	-62
11AX160	6025	6025	-62.40	2.64	3	-62.76	-62
11AX160	6025	6097.6406	-62.47	2.64	3	-62.83	-62
11AX160	6505	6432.0027	-62.49	1.79	3	-63.7	-62
11AX160	6505	6505	-62.23	1.79	3	-63.44	-62
11AX160	6505	6577.1027	-62.29	1.79	3	-63.5	-62
11AX160	6665	6592.4233	-62.31	1.79	3	-63.52	-62
11AX160	6665	6665	-62.35	1.79	3	-63.56	-62
11AX160	6665	6737.4233	-62.47	1.79	3	-63.68	-62
11AX160	6985	6911.9149	-62.31	1.93	3	-63.38	-62
11AX160	6985	6985	-62.48	1.93	3	-63.55	-62
11AX160	6985	7056.9149	-62.37	1.93	3	-63.44	-62

Note 1: Injection Level(dBm) = AWGN Level(dBm)+Antenna Gain -Path Loss

11AX20-5955	11AX20-6435
	
11AX20-6535	11AX20-6895
	
11AX160-6025	11AX160-6025
	

11AX160-6025	11AX160-6505
	
11AX160-6505	11AX160-6505
	
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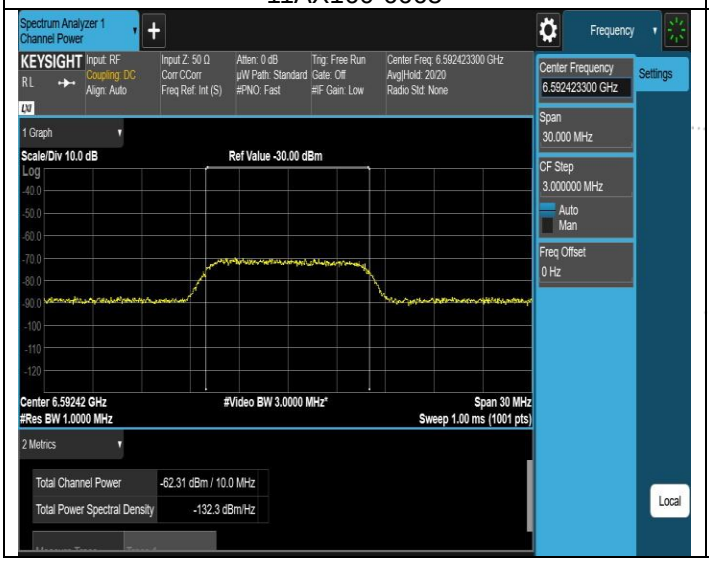
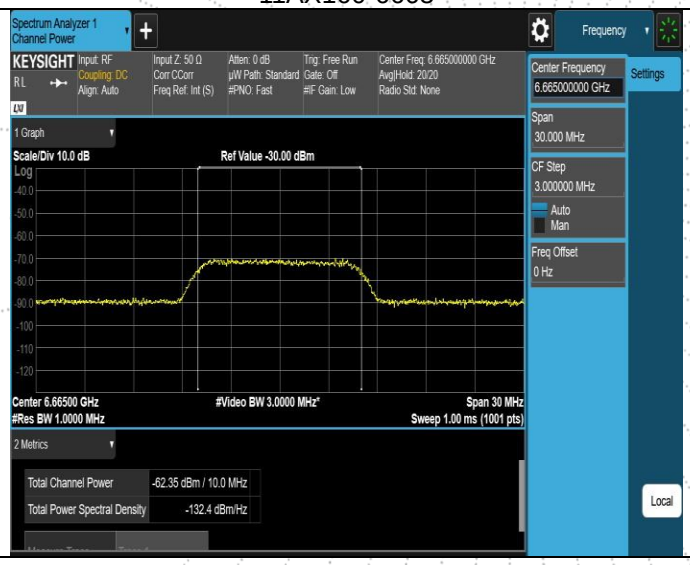
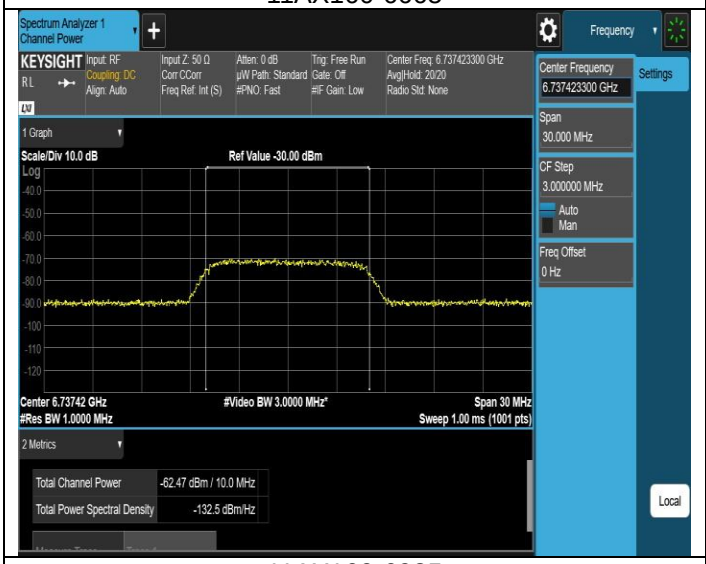
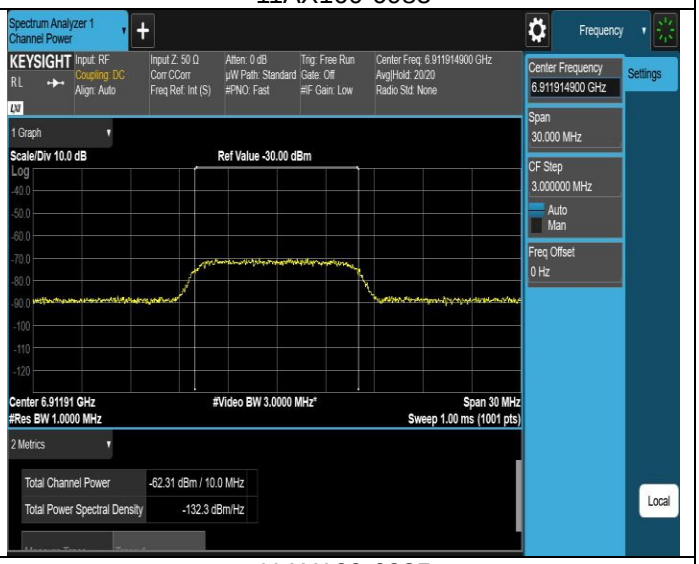
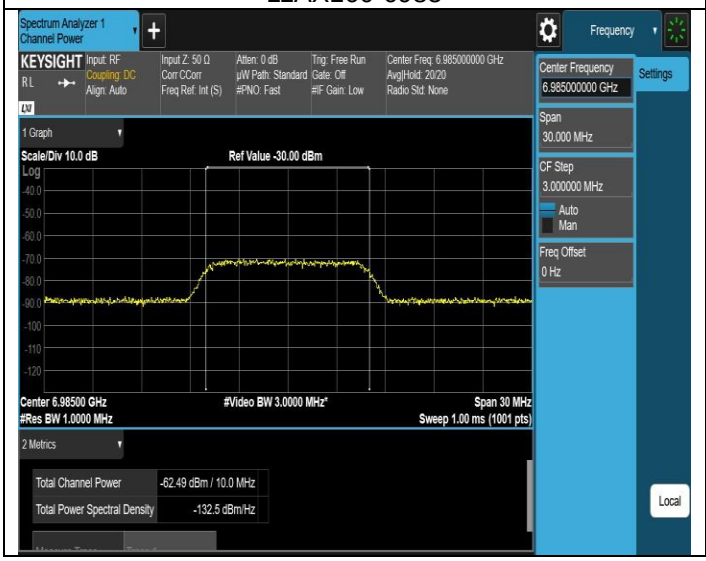
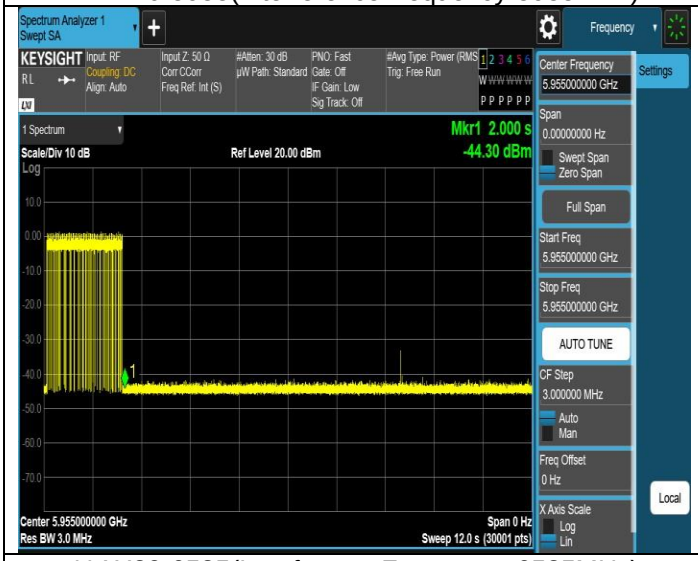
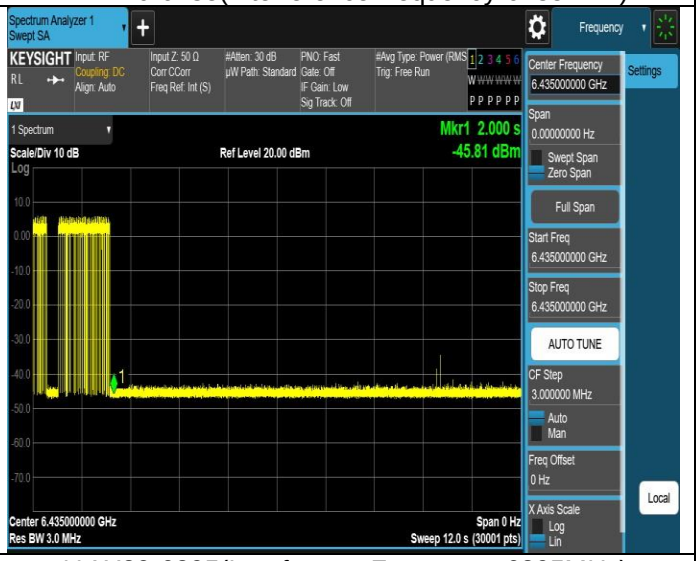
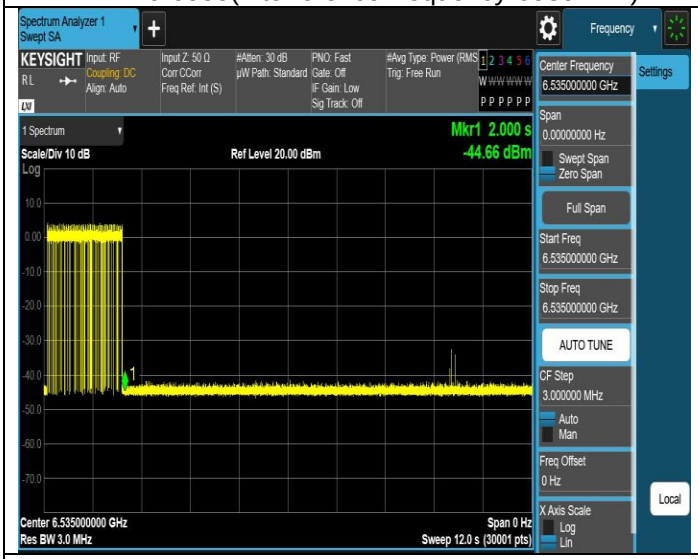
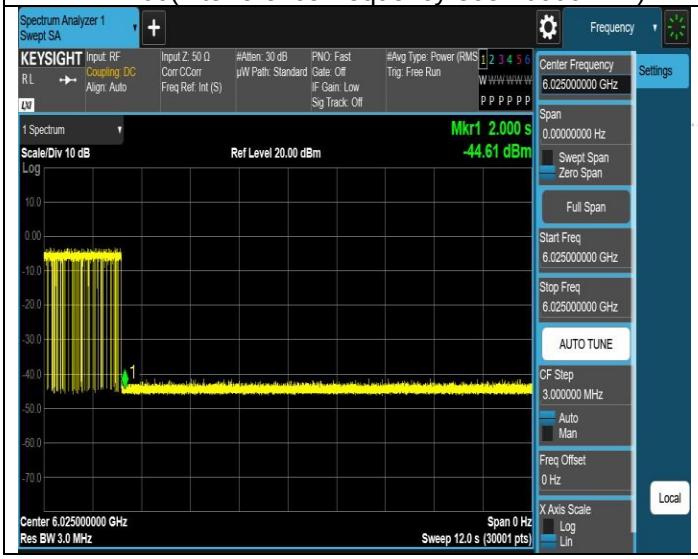
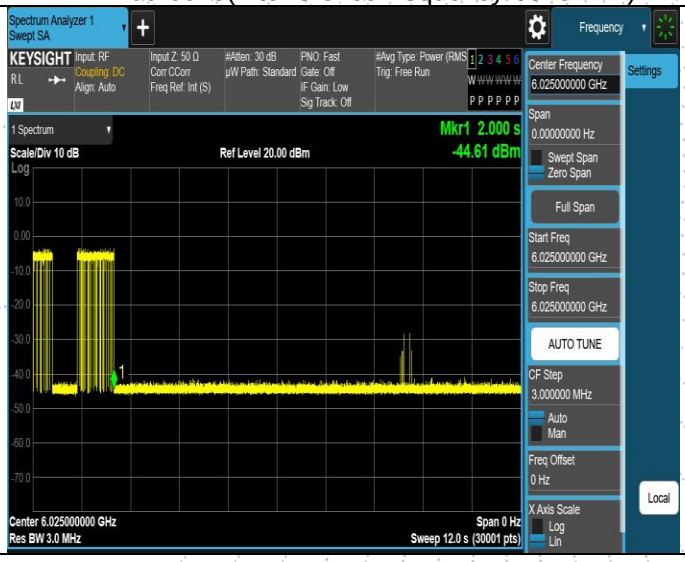
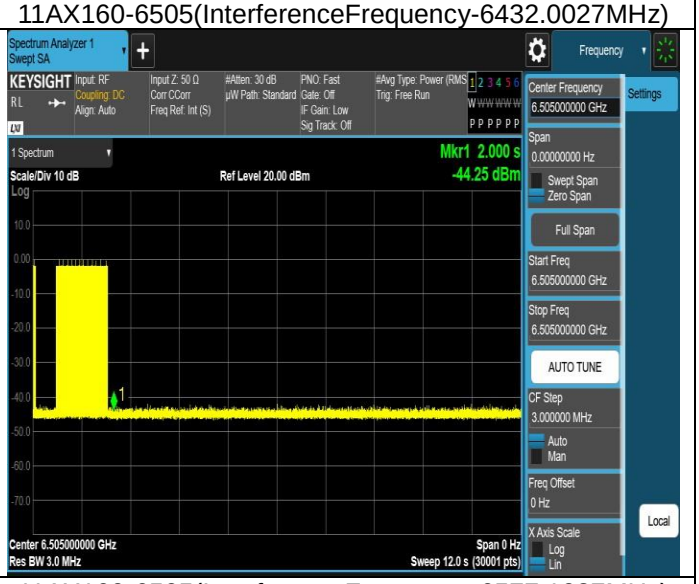
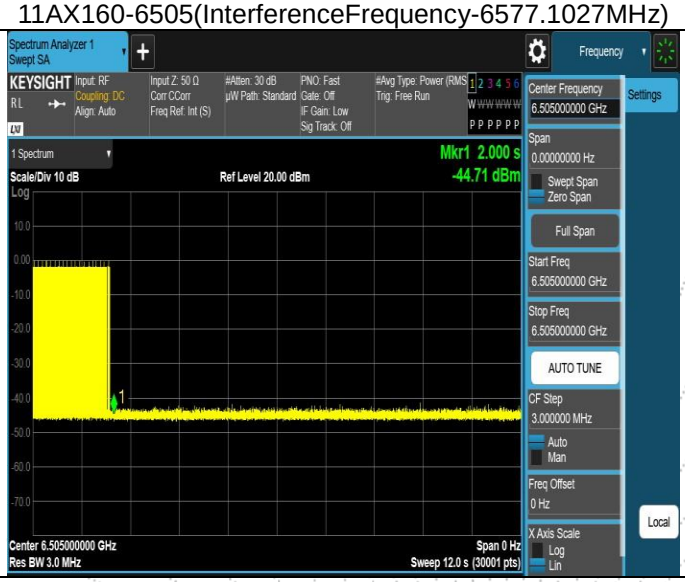
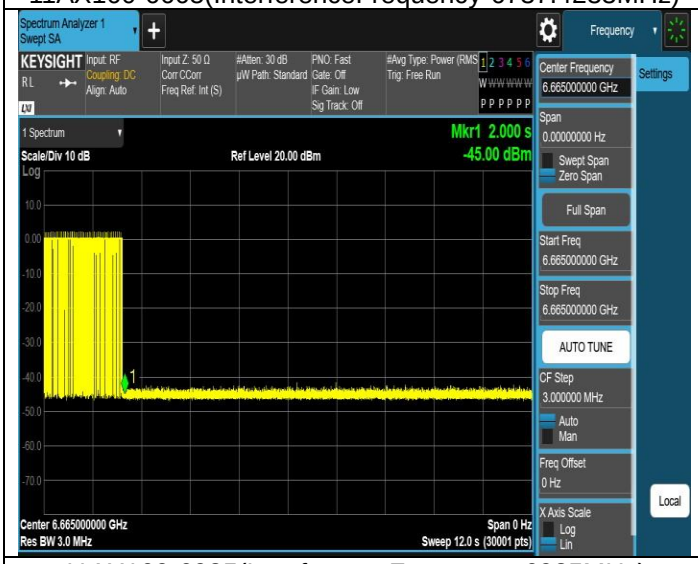
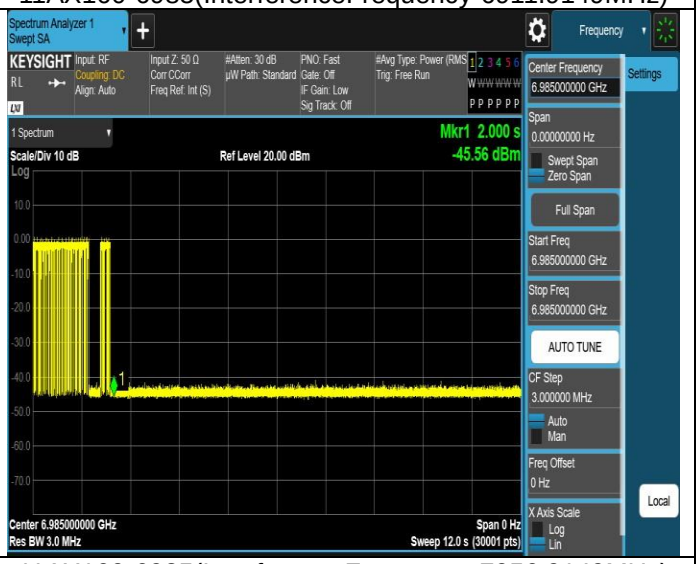
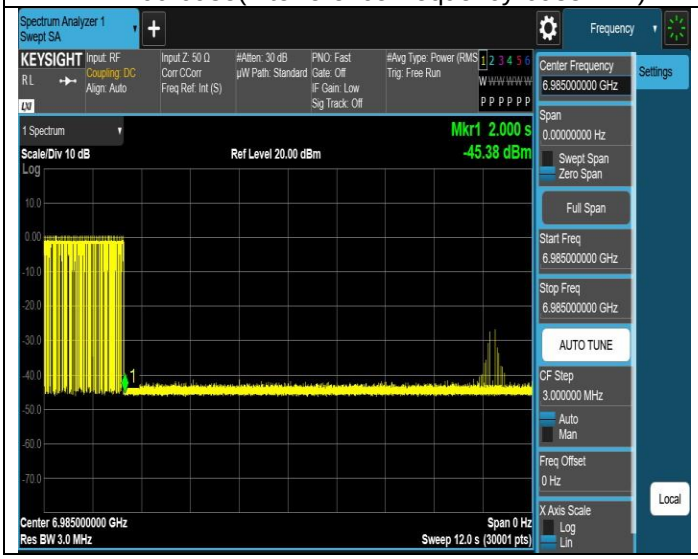
	

11AX160-6665	11AX160-6985
	
11AX160-6985	11AX160-6985
	

11AX20-5955(InterferenceFrequency-5955MHz)	11AX20-6435(InterferenceFrequency-6435MHz)
	
11AX20-6535(InterferenceFrequency-6535MHz)	11AX20-6895(InterferenceFrequency-6895MHz)
	
11AX160(InterferenceFrequency-5952.6606MHz)	11AX160-6025(InterferenceFrequency-6025MHz)
	

11AX160-6025(InterferenceFrequency-6097.6406MHz)	11AX160-6505(InterferenceFrequency-6432.0027MHz)
	
11AX160-6505(InterferenceFrequency-6505MHz)	11AX160-6505(InterferenceFrequency-6577.1027MHz)
	
11AX160-6665(InterferenceFrequency-6592.4233MHz)	11AX160-6665(InterferenceFrequency-6665MHz)
	

11AX160-6665(InterferenceFrequency-6737.4233MHz)	11AX160-6985(InterferenceFrequency-6911.9149MHz)
	
11AX160-6985(InterferenceFrequency-6985MHz)	11AX160-6985(InterferenceFrequency-7056.9149MHz)
	

15. Duty Cycle Of Test Signal

15.1 Standard Requirement

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle. All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

15.2 Formula

Duty Cycle = Ton / (Ton+Toff)

15.3 Test Procedure

1.Set span = Zero
2. RBW = 8MHz
3. VBW = 8MHz,
4. Detector = Peak

15.4 Test Result

Please refer to Appendix A: Duty Cycle
Test Result: Pass

16. Antenna Requirement

16.1 Limit

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

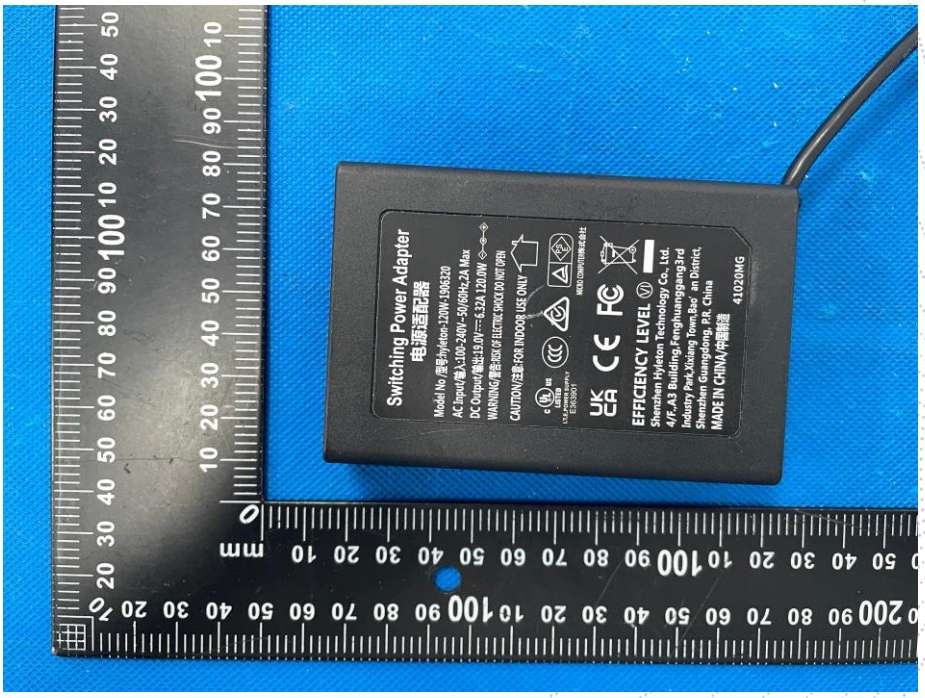
16.2 Test Result

The EUT antenna is internal antenna, fulfill the requirement of this section.

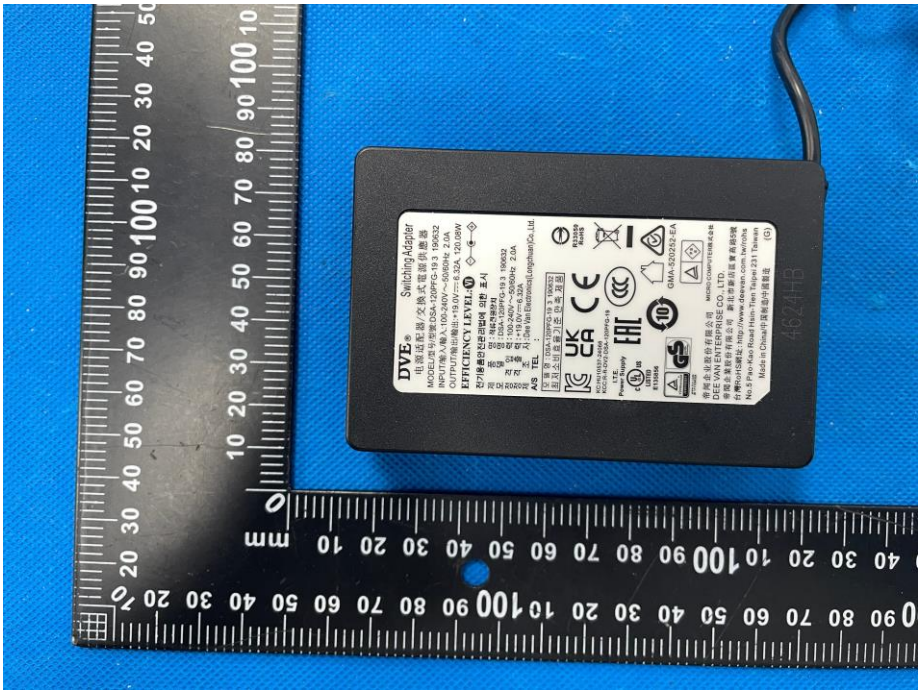
17. EUT Photographs

EUT Photo 1

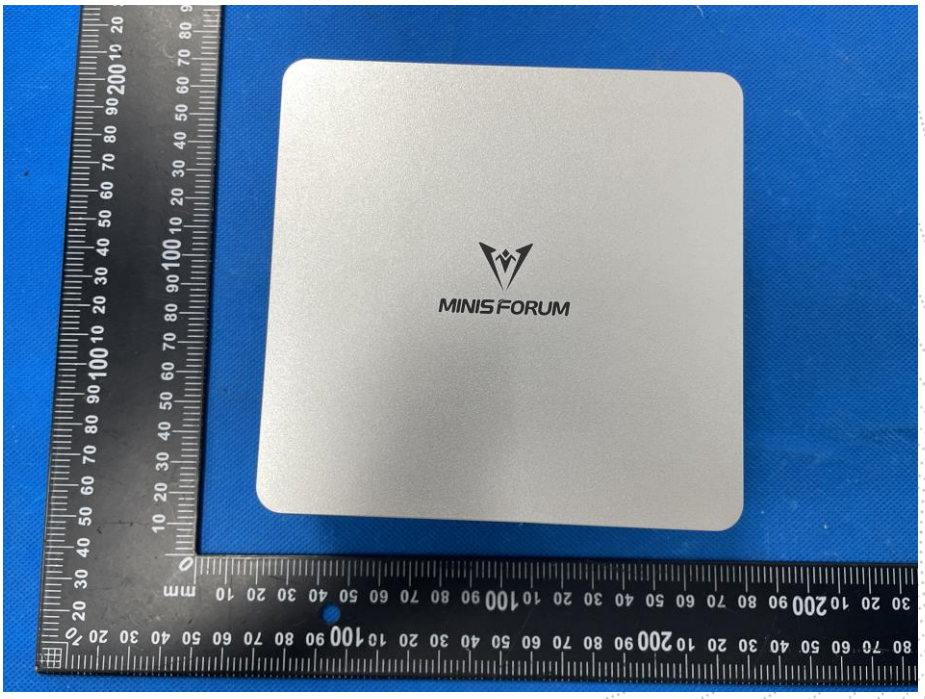
EUT Photo 2



EUT Photo 3



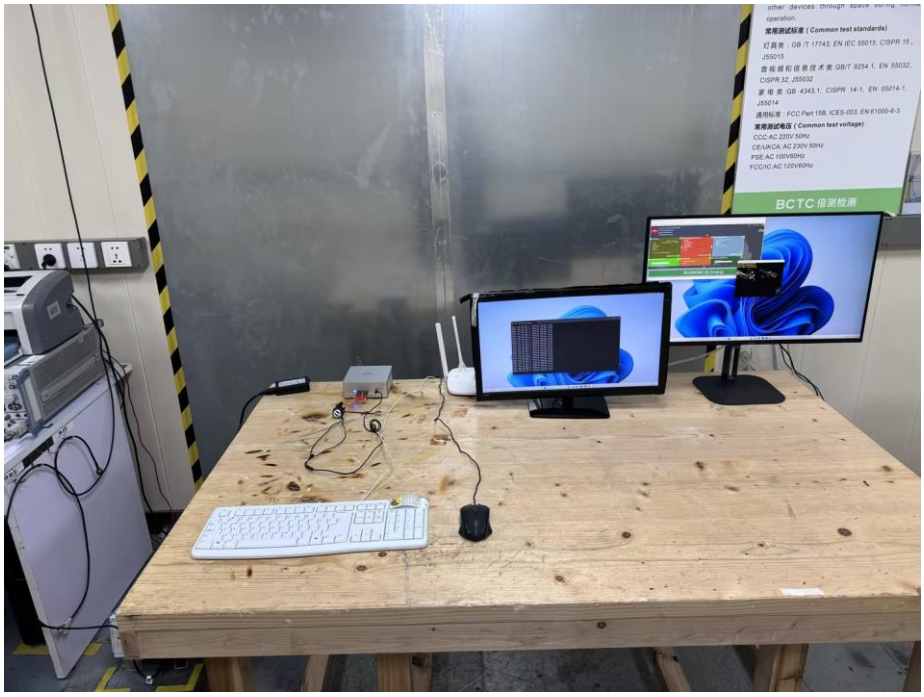
EUT Photo 4



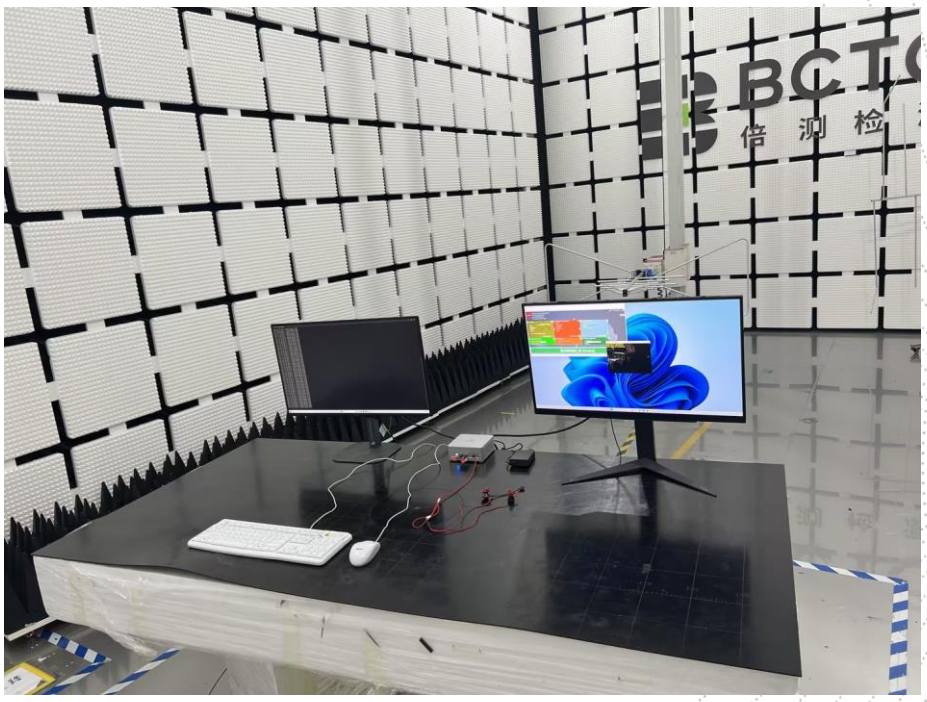
NOTE: Appendix-Photographs Of EUT Constructional Details.

18. EUT Test Setup Photographs

Conducted emissions Photo



Radiated Measurement Photos




MWRFtest 迈测 MW100-7UD
MWRFtest 迈测 MW100-RFCB
MWRFtest 迈测 MW200-RFCB

STATEMENT

1. The equipment lists are traceable to the national reference standards.

2. The test report can not be partially copied unless prior written approval is issued from our lab.

3. The test report is invalid without the "special seal for inspection and testing".

4. The test report is invalid without the signature of the approver.

5. The test process and test result is only related to the Unit Under Test.

6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.

7. The quality system of our laboratory is in accordance with ISO/IEC17025.

8. If there is any objection to this test report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

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P.C.: 518103

FAX: 0755-33229357

Website: http://www.chnbctc.com

Consultation E-mail: bctc@bctc-lab.com.cn

Complaint/Advice E-mail: advice@bctc-lab.com.cn

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