



Test Report No.: RF260714B010



FCC TEST REPORT (PART 96.47)

Applicant:	Juniper Systems, Inc.
Address:	1132 W 1700 N Logan, UT 84321 USA

Manufacturer or Supplier:	Juniper Systems, Inc.
Address:	1132 W 1700 N Logan, UT 84321 USA
Product:	ALTA
Brand Name:	Juniper Systems
Model Name:	ALT1 / FC-8000 / SHC8000
FCC ID:	VSFALT1
Date of tests:	Dec. 30, 2025 - Jul. 10, 2026

The tests have been carried out according to the requirements of the following standard:

☒ **47 CFR FCC Part 96**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Carl Xie Engineer / Mobile Department	Approved by Simon Wang Manager / Mobile Department
Date: Jul. 10, 2026	Date: Jul. 10, 2026

Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



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RELEASE CONTROL RECORD

ISSUE NO.	DESCRIPTION	DATE ISSUED
RF260714B010	Original release	Jul. 10, 2026



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SUMMARY OF TEST RESULTS

47 CFR FCC PART 96		
FCC CLAUSE	TEST ITEM	RESULT
§96.47	End user device additional requirements	Compliance

*Test Lab Information Reference

Lab A:

BOOMWAVE TEST (SHENZHEN) CO., LTD.

Lab Address:

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th Road, Chiwan Community, Zhaoshang Street,
Nanshan District, Shenzhen, Guangdong, P.R. CHINA

Accredited Test Lab Cert 7607.01

The FCC Site Registration No. is 646781; The Designation No. is CN1429.



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1 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

EUT Description:	ALTA		
Brand:	Juniper Systems		
Model:	ALT1 / FC-8000 / SHC8000		
Hardware Version:	DVT2		
Software Version:	JP_W.00.00.0128.T1_USERDEBUG		
Technical specification:			
Modulation Type	LTE	QPSK/16QAM/64QAM/256QAM	
Operation Frequency Range:	Band	All Frequency	CBSD Work Frequency
	LTE Band 48	3550 to 3700 MHz	3550 to 3700 MHz
	NR Band n48	3550 to 3700 MHz	3550 to 3700 MHz
Antenna Type:	PIFA Antenna		
Antenna Gain:	☒ Provided by client		
	Band	Ant (dBi)	
	LTE Band 48 NR Band n48	ANT0:-6.54dBi ANT1:-1.5dBi	
Remark: The above EUT's information was declared by applicant, please refer to the specifications or user manual for more detailed description.			



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2 TEST CONFIGURATION

2.2 DESCRIPTION OF TEST SETUP

Description	Manufacturer	Model	ID
Base Station	Baicells	BSC7048A243	
Base Station	Baicells	mBS31001	2AG32MBS3100196N
Router	TP Link	TL-WDR6300	/
Laptop	DELL	Latitude 3510	/

2.3 TEST ENVIRONMENT

Temperature:	24°C ~ 26°C
Relative Humidity	45-56 % RH Ambient
Voltage:	Nominal: 3.7Vdc

2.4 TEST RF CABLE

For all conducted test items: The offset level is set spectrum analyzer to compensate the RF cable loss and attenuator factor between RF conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level will be exactly the RF output level. The spectrum analyzer offset is derived from RF cable loss and attenuator factor.
Offset = RF cable loss + attenuator factor.

2.5 MODIFICATIONS

No modifications were made during testing.



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3 EQUIPMENT AND MEASUREMENT UNCERTAINTY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, whichever is less, and where applicable is traceable recognized national standards.

3.1 TEST EQUIPMENT LIST

Radiated Emission					
Description	Manufacturer	Model	SN	Last Due	Cal Due
Signal Analyzer	Keysight	N9020A	US46470468	2026/03/13	2027/03/12
Power Divider	Qotana	DBPD0200001800C	22122900036	2026/03/10	2027/03/09

3.2 MEASUREMENT UNCERTAINTY

Parameter	U_{lab}
Frequency error	371.88Hz

Uncertainty figures are valid to a confidence level of 95%

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4 TEST RESULTS

4.1 END USER DEVICE ADDITIONAL REQUIREMENTS.

LIMITS

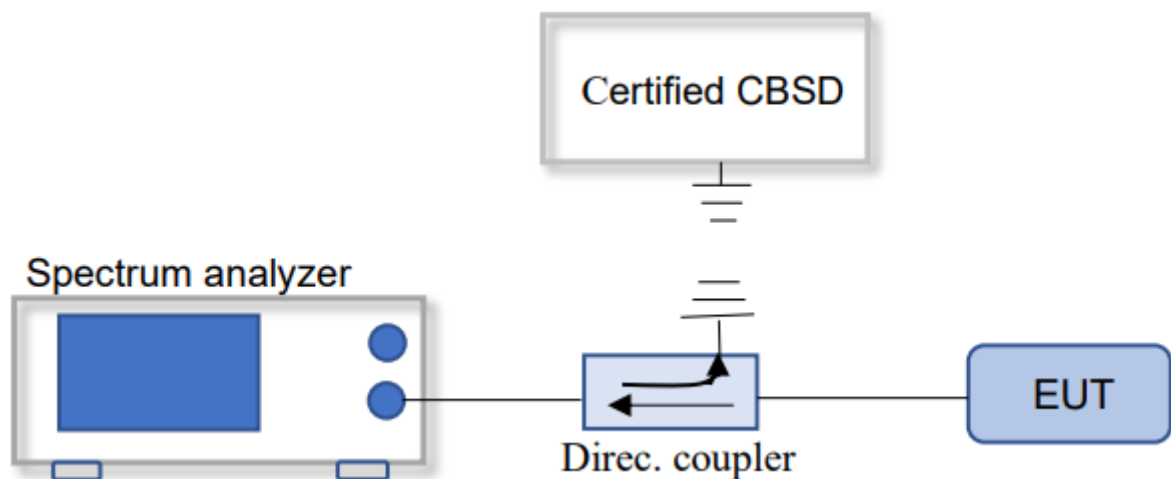
End User Devices will operate only after it receives authorization from an associated CBSD, including the frequencies and power limits for their operation.

End User Devices discontinues operation, changes Frequency, and changes its operational power level within 10 s of receiving instructions from its associated CBSD.

TEST PROCEDURE

KDB 940660 D01 Part 96 CBRS Eqpt v02, WINNF-TS-0122 V1.0.2

TEST SETUP



TEST SETTINGS

Based on the End user device additional requirements. During the test, use a certified Ruckus CBSD device(LTE Base Station FCC ID: 2AG32MBS3100196N) as a companion device.

1. Configure CBSD to operate at 3600MHz~3625MHz, Power level 10dBm/MHz.
2. Enable AP service from Ruckus Cloud management
3. Check End User Devices Frequency and Power
4. Disable AP service from Ruckus Cloud management, check whether the EUT stops transmitting within 10s
5. Repeat step 2 to step 4 with the CBSD operating at 3670MHz~3690MHz, Power level 20dBm/MHz.

Measuring Instruments

The measuring equipment is listed in the section 3.1 of this test report.

Test Result

Please Refer to Appendix Of this test report.

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5 TEST SETUP PHOTOS

Please Refer to Test Setup Photos of Part 96.47.



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6 INFORMATION ON THE TESTING LABORATORIES

We, BOOMWAVE TEST (SHENZHEN) CO., LTD., were founded in 2025 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

BOOMWAVE TEST (SHENZHEN) CO., LTD.

Lab Address:

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th Road, Chiwan Community, Zhaoshang Street, Nanshan District, Shenzhen, Guangdong, P.R. CHINA

Accredited Test Lab Cert 7607.01

Shenzhen EMC/RF Lab:

Mobile: +86 15118052731

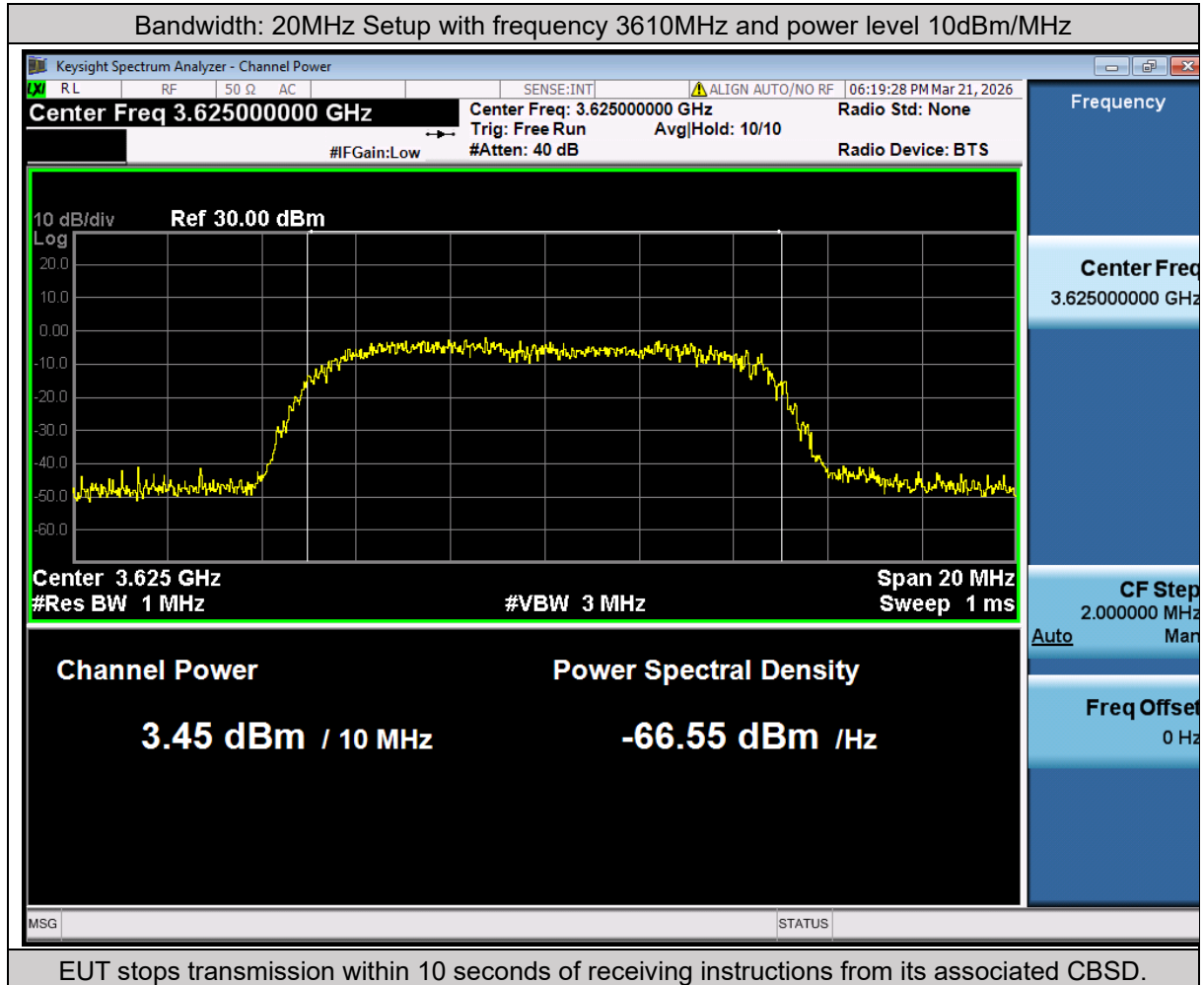
Email: shimin.wang@boomwavelab.com



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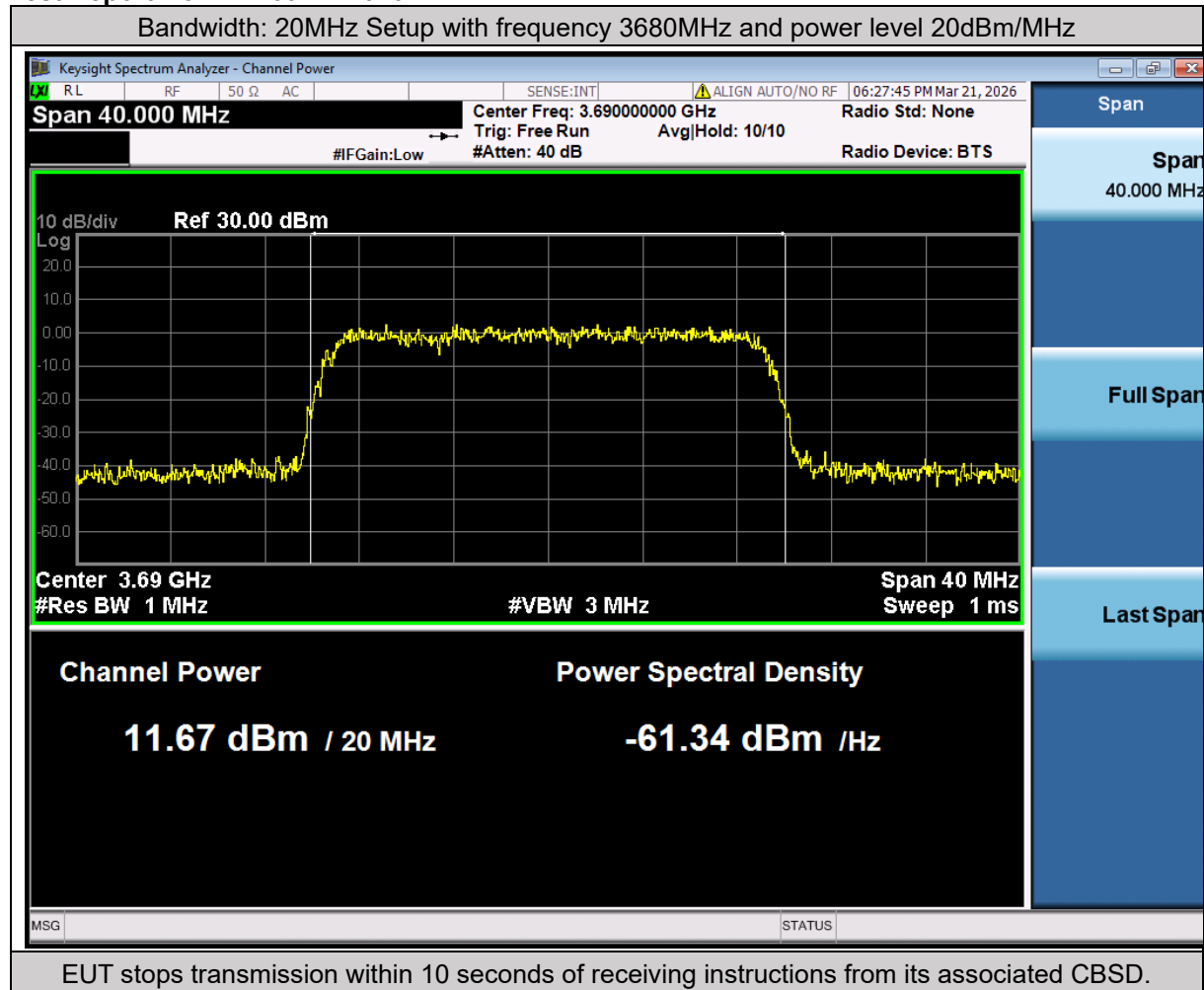
7 APPENDIX

LTE



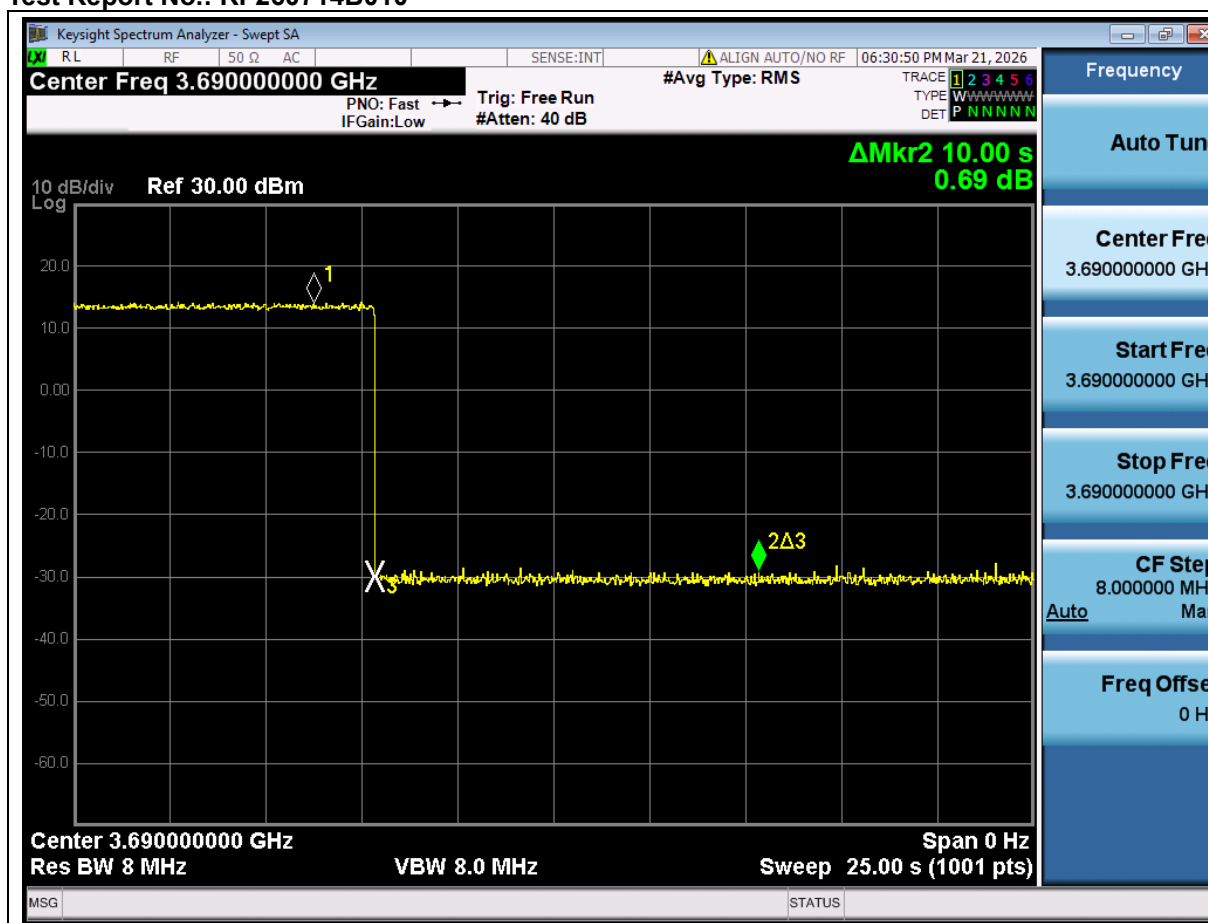


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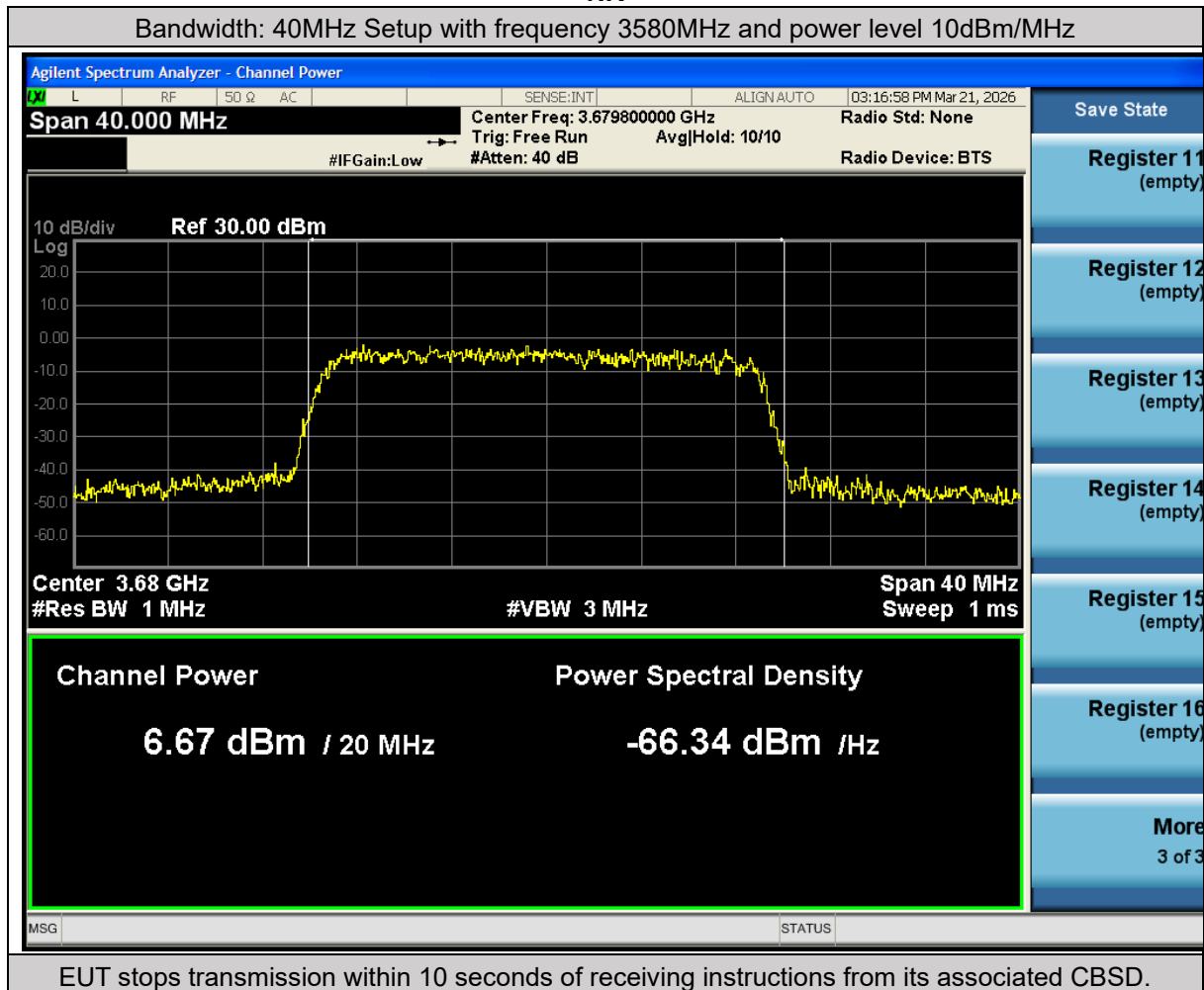
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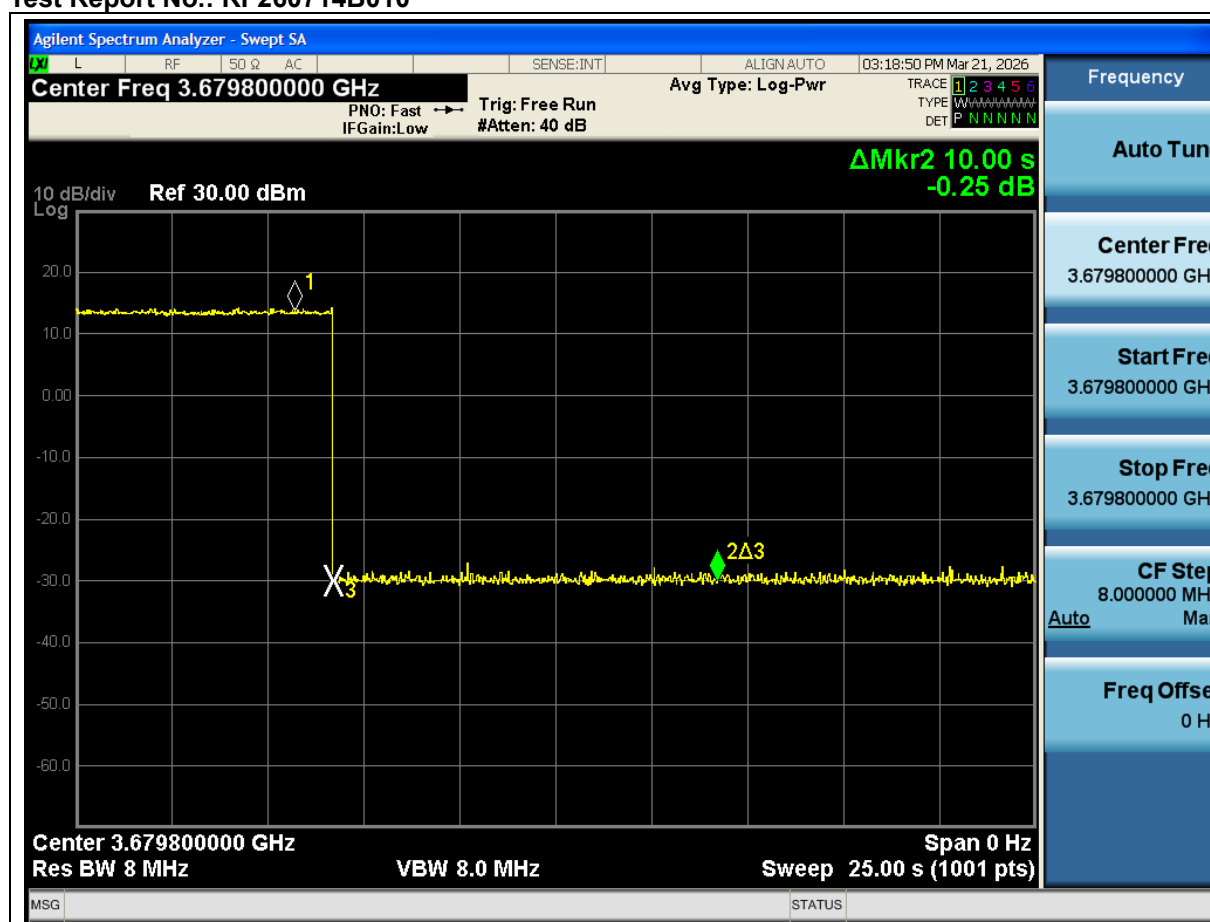
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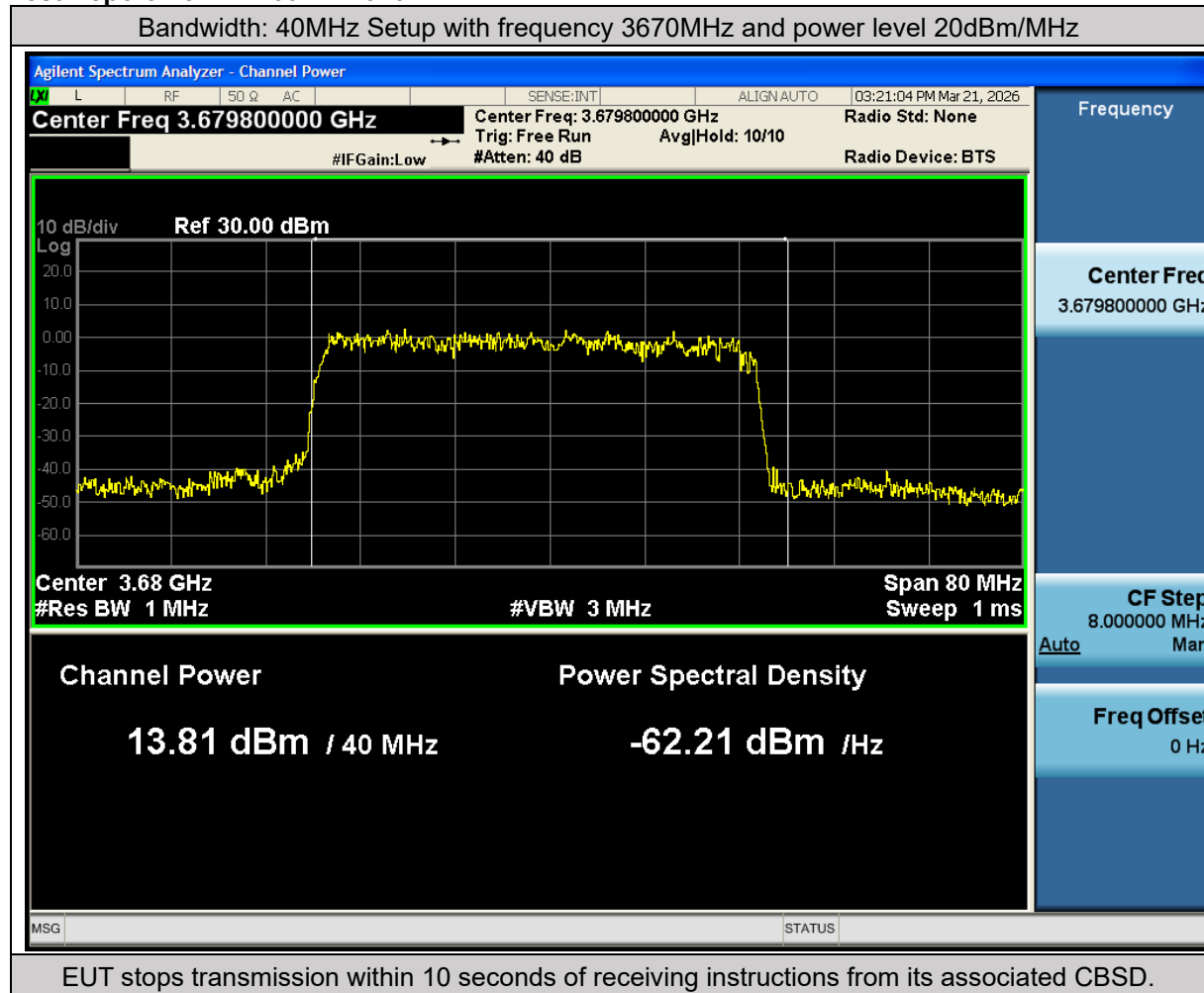
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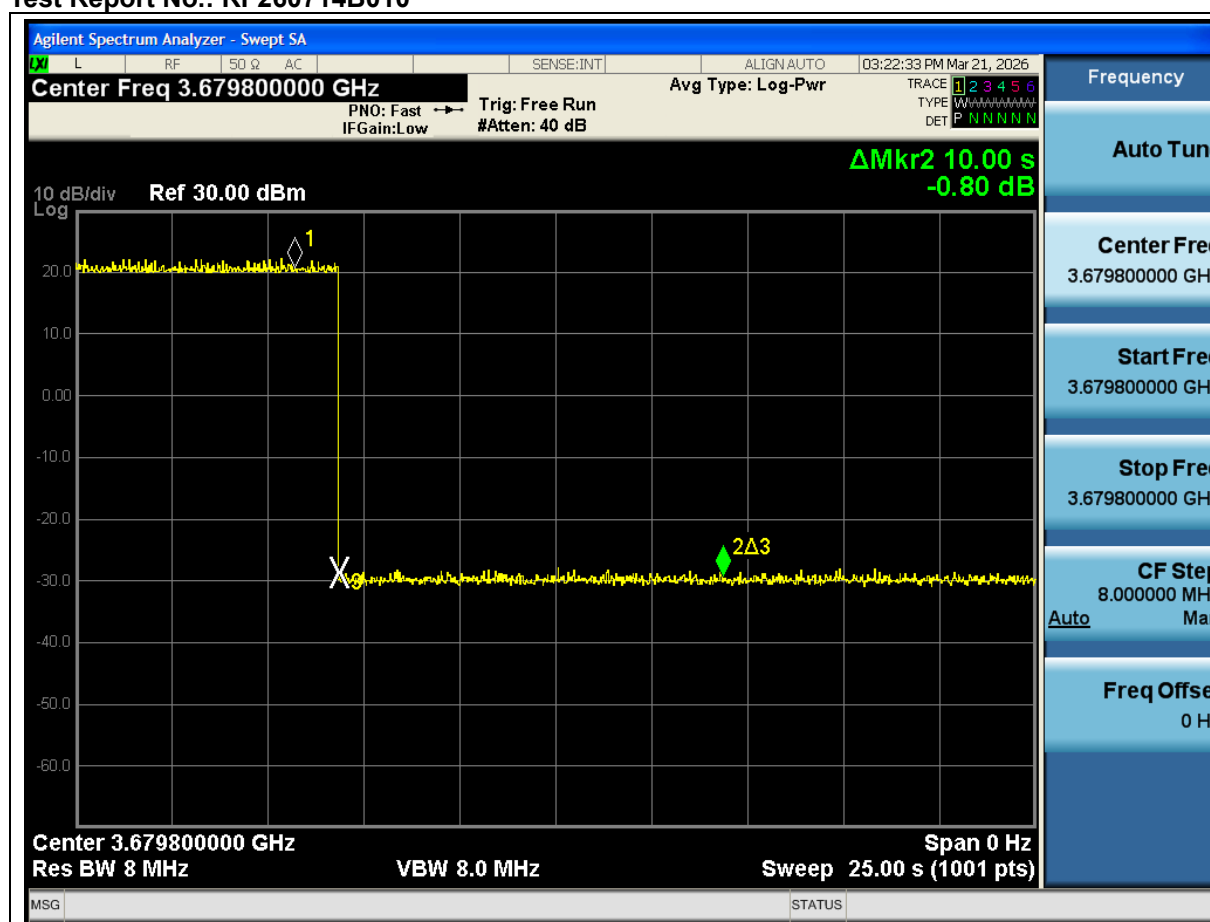


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