



FCC Part 96.47 TEST REPORT

FCC ID : HFS-QV28NUS
Equipment : Telematics Module
Brand Name : Quanta Computer Inc.
Model Name : QV28NUS
Applicant : Quanta Computer Inc.
No. 188, Wenhua 2nd Road, Guishan District,
Taoyuan City, 33377, Taiwan
Manufacturer : Quanta Computer Inc.
No. 188, Wenhua 2nd Road, Guishan District,
Taoyuan City, 33377, Taiwan
Standard : FCC Part 96.47
RF Interface : NR n48

The product was received on Dec. 26, 2025, and testing was performed from Mar. 02, 2026 to Mar. 02, 2026. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Jones Tsai

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FG5N2538B	01	Initial issue of report	Mar. 18, 2026



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3	96.47	End User Device additional requirement	Pass	-

Conformity Assessment Condition:

The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.

Comments and Explanations:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Thomas Chen

Report Producer: Shiori Chen



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Spec.	LTE/5G NR
Antenna Type	WWAN: Fixed External Antenna

Remark: The above EUT's information is declared by manufacturer. Please refer to Comments and Explanations in report summary.

1.2 Modification of EUT

No modifications are made to the EUT during the entire test sessions.

1.3 Testing Laboratory

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. TH03-HY
Test Engineer	Alston Tsai
Temperature	21~25°C
Relative Humidity	43~48%

FCC designation No.: TW1190

1.4 Applicable Standards

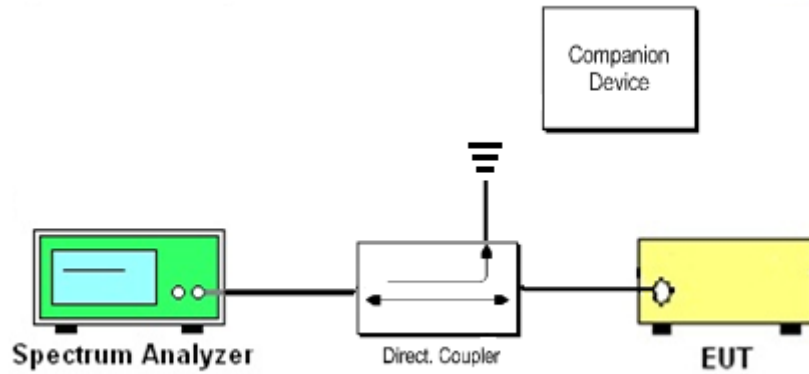
- ♦ FCC Part 96.47
- ♦ FCC KDB 940660 D01 Part 96 CBRS Eqpt v03r01
- ♦ WINNF-TS-0122-V1.0.2 CBRS CBSD Test Specification

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

2.1 Connection Diagram of Test System



The companion device is a certified NR CBSD (FCC ID: WBKRU4370)



3 End User Device additional requirement

3.1 Test Requirement

FCC Part 96.47

(a) End User Devices may operate only if they can positively receive and decode an authorization signal transmitted by a CBSD, including the frequencies and power limits for their operation.

(1) An End User Device must discontinue operations, change frequencies, or change its operational power level within 10 seconds of receiving instructions from its associated CBSD.

3.2 Test Procedure

The following procedure is following in accordance with WINNF-TS-0122-V1.0.2 CBRS CBSD Test Specification, using the certified NR CBSD (FCC ID: WBKRU4370) as companion device to present compliance with Part 96.47 requirement for End User Device (EUD):

1. Configure SAS granted CBSD to operate at frequency 3560-3600 MHz and power level 20 dBm/MHz
2. Enable CBSD service
3. Check EUD Tx Frequency and power
4. Disable CBSD service
 - a. Check if EUD stops transmission within 10 seconds.
5. Configure SAS granted CBSD to operate at frequency 3650-3690 MHz and power level 30 dBm/MHz
6. Enable CBSD service
7. Check EUD Tx Frequency and power
8. Disable CBSD service
 - a. Check if EUD stops transmission within 10 seconds.

3.3 Test Result

[Step 1] Configure SAS granted CBSD to operate at
frequency 3560-3600 MHz and power level 20 dBm/MHz

[Step 3] Check EUD Tx Frequency and power



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[Step 4.a.] EUD stops transmission within 10 seconds right after receiving instructions from its associated CBSD.

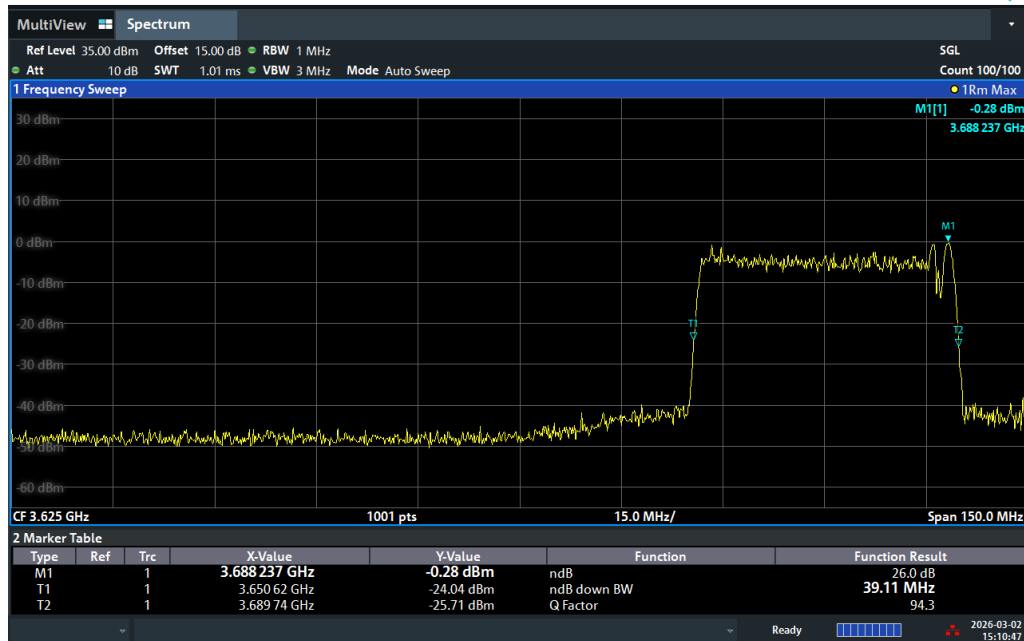


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[Step 5] Configure SAS granted CBSD to operate at
frequency 3650-3690 MHz & power level 30 dBm/MHz

[Step 7] Check EUD Tx Frequency and power



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[Step 8.a.] After changing the frequency and power level,
The EUD discontinues operating, changes frequencies, or changes its operational power level within 10
seconds right after receiving instructions from its associated CBSD. Test result is a PASS.



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4 Measuring Equipment List

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV3044	101356	10Hz~44GHz	Aug. 11, 2025	Mar. 02, 2026	Aug. 10, 2026	Conducted (TH03-HY)
Programmable Power Supply	GW Instek	PSS-2005	EL890094	1V~20V, 0.5A~5A	Oct. 03, 2025	Mar. 02, 2026	Oct. 02, 2026	Conducted (TH03-HY)
CBSD Base Station	BTI	RU4370	B23000022S	FCC ID: WBKRU4370	N/A	N/A	N/A	Conducted (TH03-HY)
SAS Test harness	WInnForum	1.0.0.3	N/A	N/A	N/A	N/A	N/A	Conducted (TH03-HY)

————THE END————