



FCC Part 96.47 Test Report

Applicant : Quectel Wireless Solutions Co., Ltd.
Equipment : 5G NR Module
Brand Name : QUECTEL
Model Name : AG555Q-GL
FCC ID : XMR2024AG555QGL
Standard : FCC Part 96.47

We, Sporton International Inc. (Kunshan), 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. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia



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Table of Contents

1 GENERAL DESCRIPTION 4

1.1 APPLICANT 4

1.2 MANUFACTURER 4

1.3 PRODUCT FEATURE OF EQUIPMENT UNDER TEST..... 4

1.4 PRODUCT SPECIFICATION OF EQUIPMENT UNDER TEST 4

1.5 APPLICABLE STANDARDS..... 4



History of this test report

Report No.	Version	Description	Issued Date
FG551215A	01	Initial issue of report	Jul. 22, 2025

Note: This is a variant report, the purpose is to enable n48 ULMIMO mode by software. The differences have no influence on the test results, the test results could be refer to Original Report Number FG3D1801O.

Disclaimer:

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.



1 General Description

1.1 Applicant

Quectel Wireless Solutions Co., Ltd.

Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District,
Shanghai, 200233, China

1.2 Manufacturer

Quectel Wireless Solutions Co., Ltd.

Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District,
Shanghai, 200233, China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	5G NR Module
Brand Name	QUECTEL
Model Name	AG555Q-GL
FCC ID	XMR2024AG555QGL
HW Version	R1.0
SW Version	BYA555QGLABR01A08M8G_OCPU
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	5G NR n48: 3550 MHz ~ 3700 MHz
Rx Frequency	5G NR n48: 3550 MHz ~ 3700 MHz
Antenna Gain	<Ant.0 / Ant.2>: 5G NR n48: -3.65 dBi
Type of Modulation	DFT-s-OFDM (PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM) CP-OFDM (QPSK / 16QAM / 64QAM / 256QAM)

1.5 Applicable Standards

- ♦ FCC Part 96.47
- ♦ FCC KDB 940660 D01 Part 96 CBRS Eqpt v03
- ♦ WINNF-TS-0122-V1.0.2 CBRS CBSD Test Specification

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