ROGERS™

Testing Waiver/Conditional Approval Application

Manufacturers requesting to waive the normal Rogers' testing process or to request a conditional certification for deployment of their technology for use on the Rogers' network must complete this document clearly stating the reasons for their request.

Only requests from the manufacturer will be assessed and only Industry Canada and PTCRB certified product will be considered. There is no guarantee implied that requests will be granted. The hardware and software version of the device being considered for a waiver must be certified, it is not enough that a previous version has been certified.

Rogers respects the confidentiality of the information provided by manufacturers and will not disclose this information to third party individuals.

Completed documents should be e-mailed to: Alton.Wong@rci.rogers.com

Testing Waiver/Conditional Approval Application

1) <u>General Information:</u>

   Date of request: May 3, 2018

   Device manufacturer: Quectel Wireless Solutions Co., Ltd.

   Device model: EC25-A

   Current hardware version: R1.0
   Current software version: EC25AFAR05A04M4G

   PTCRB request # and approval date: #62839 & Jun 26, 2017
   Industry Canada approval #: 10224A-201611EC25A

   Previously Rogers' certified hardware version: R1.0
   Previously Rogers' certified software version: EC25AFAR02A04M4G
   PTCRB request # and approval date of previous s/w version:
   #59330 & Jan 9, 2017

2) What is the manufacturer requesting to be waived or what conditions are requested as part of a conditional approval?

   EC25-A upgrade the Firmware from the EC25AFAR02A04M4G to EC25AFAR05A04M4G, just for the function improvement, it has the same hardware version as before.

3) Why is this waiver/conditional approval being requested? Please list in point form the delta's between this waiver candidate and the previous Rogers' certified version.

   EC25-A upgrade the Firmware from the EC25AFAR02A04M4G to EC25AFAR05A04M4G, just for the function improvement.

4) If this waiver request is specific to module firmware upgrades, please clearly state the differences in point form between the original Rogers' certified version of firmware and the version for which a waiver is requested (attach release notes where applicable).
Note: Waivers will only be considered if there are no changes with the way in which the module communicates with the network

Please find the detailed change note as attached：
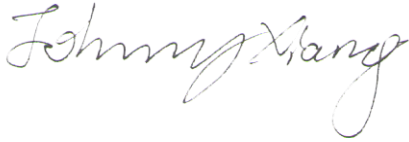"EC25-A_Firmware_Release_Notes_R05A04(Based on R02A04, PTCRB ECO)_20170622"

EC25-A_Firmware
_Release_Notes_R

5) What additional considerations does Rogers need to be aware of to support this application? What other operators are this using this hardware with this specific hardware and software configuration?

AT&T is using Quectel EC25-A with the upgrade Version: EC25AFAR05A04M4G.

![ROGERS logo]

6) Please include the name, title and contact information of the individual requesting this Waiver/Conditional Approval on behalf of the manufacturer.

[signature: Johnny Xiang]

Name: Johnny Xiang
Title: Test Department Manager
Contact info: johnny.xiang@quectel.com

7) Manufacturer understands and agrees that it is their sole responsibility to ensure that the device for which a waiver is requested functions at a minimum; the same as previous Rogers' certified versions and that there is no change in the way in which the device communicates with the network.

Manufacturer Acknowledgement: Quectel Wireless Solutions Co., Ltd.

Date of Acknowledgement: May 9, 2018

[stamp: QUECTEL WIRELESS SOLUTIONS COMPANY LIMITED]

8) Rogers Approvals:

Rogers Business Assessment:
Thomas Kwok, Dir. Certification and Monitor, Mobile Channel

Rogers Business Approval:
Thomas Kwok, Dir. Certification and Monitor, Mobile Channel

Rogers Engineering Assessment:
Michael Paragas, Radio System Designer, Device Accreditation, Radio Engineering Department

Rogers Engineering Approval:
Victor Chan, P. Eng., Manager, Device Accreditation, Radio Engineering Department

Date of Approval: May 23rd, 2018