

# Quectel EG915U-EU

IoT/M2M-optimized

LTE Cat 1 Modules



## EG915U-EU-AB

### Release Notes

#### LTE Standard Module Series

Rev. EG915U-EU-AB\_Firmware\_Release\_Notes\_V0204\_01.001.01.001

Date: 2021-10-18

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## 1. Release Content

This document provides the Release Notes for EG915U-EU-AB. The current release includes the firmware package.

Package	Version
Firmware	EG915UEUABR02A04M08_01.001.01.001

## 2. Matters Needing Attention

SN	Item
/	/

### 3. Release History

#### 3.1. Firmware Release History

Firmware Version	Description
EG915UEUABR02A04M08_01.001.01.001	Mass production
EG915UEUABR02A03M08_01.001.01.001	Only for sample.
EG915UEUABR02A02M08_01.001.01.001	Only for sample.
EG915UEUABR02A01M08_01.001.01.001	For CS.

#### 3.2. New Features

EG915UEUABR02A04M08_01.001.01.001	
Item	Brief Description
/	/
EG915UEUABR02A03M08_01.001.01.001	
Item	Brief Description
FTP	Added the AT command <b>AT+QFTPCFG="data_address"</b> to configure the FTP data connection address selection.
EG915UEUABR02A02M08_01.001.01.001	
Item	Brief Description
/	/
EG915UEUABR02A01M08_01.001.01.001	
Item	Brief Description
/	/

### 3.3. Improved Features

EG915UEUABR02A04M08_01.001.01.001	
Item	Brief Description
FTP	Optimized FTP related AT commands processing flow.
FILE	Optimized the data processing flow of files uploaded via <b>AT+QFUPL</b> .
FILE	Optimized file upload feature to upgrade the firmware normally after the delta packets was uploaded to UFS.
HTTP	Optimized URC reporting process after enabling auto output HTTP response.
HTTP	Fixed the problem that there was no response from <b>AT+QHTTPGETEX</b> .
HTTP	Solved the problem that the serial port may not work normally when <b>AT+QHTTPSTOP</b> executed before URC reported from <b>AT+QHTTPGET</b> .
HTTP	Optimized the HTTP memory request exception handling process.
MQTT	Optimized MQTT data analysis process.
MQTT	Optimized the <b>AT+QMTOPEN</b> exception handling mechanism and process.
MQTT	Optimized MQTT data analysis process.
MQTT	Solved the problem that there was no error reported if an extra parameter configured in <b>AT+QMTCFG</b> command.
NTP	Optimized <b>AT+QNTP</b> command processing flow and corrected the number of retries and retry interval.
SMS	Fixed the return format of <b>AT+CMGR</b> and <b>AT+CMGL</b> commands.
TCP/UDP	Optimized the management for the activated PDP within the module.
GENERAL	Fixed the return format of <b>AT+CEER</b> command.
EG915UEUABR02A03M08_01.001.01.001	
Item	Brief Description
FTP	<ol style="list-style-type: none"> <li>Fixed the problem that an error was reported when <b>AT+QFTPCWD</b> switched FTP(S) server directory.</li> <li>Fixed the problem that an error was reported when <b>AT+QFTPOPEN</b> set the IPv6 address without [].</li> </ol>
FTP	Optimized the data processing flow of <b>AT+QFTPPUT</b> uploading files from the serial port to the server.
HTTP	Solved the problem that <b>AT+QHTTPGET</b> may fail to send GET requests to HTTP(S) server if the redirect occurred.

<b>HTTP</b>	Fixed the problem that data to be read to the serial port by <b>AT+QHTTPREAD</b> may lose sometimes.
<b>TCP SSL</b>	Solved the problem that <b>AT+QSSLCFG</b> configuration could not take effect before RDY reported at booting.
<b>TCP/UDP</b>	Solved the problem that under weak signal, data transfer in TCP transparent transmission mode may lose.
<b>TCP/UDP</b>	Fixed the problem that module may fail to download when the base station cached server data.
<b>TCP/UDP</b>	Optimized <b>AT+QICFG="tcp/retranscfg"</b> to configure the retransmission time.
<b>GENERAL</b>	Added caching mechanism for Nand flash to optimize file writing speed.

EG915UEUABR02A02M08\_01.001.01.001

Item	Brief Description
<b>HTTP</b>	Solved the problem that HTTP data download may fail.
<b>TCP/UDP</b>	Solved the problem that the downlink data may not be received in TCP/UDP application layer.

EG915UEUABR02A01M08\_01.001.01.001

Item	Brief Description
/	/

### 3.4. Known Issues

Item	Bug Description
/	/

#### NOTE

Verification Environment is shown below. For more details, please contact Quectel technical support.  
 For Windows: Win10 64 bit  
 USB Driver: Quectel\_5G\_Windows\_USB\_Driver(U)\_For\_ECM\_RNDIS\_V1.0.4  
 Qflash Tool: QFlash\_V5.5

## 4. Function List

Category	Item	Supported Version (Since)	Note
Basic Function	SMS	EG915UEUABR02A02M08_01.001.01.001	/
	Voice Call	EG915UEUABR02A02M08_01.001.01.001	/
	CMUX	EG915UEUABR02A02M08_01.001.01.001	/
	FILE	EG915UEUABR02A02M08_01.001.01.001	Supports UFS FILE only.
Protocol Function	TCP/UDP	EG915UEUABR02A02M08_01.001.01.001	/
	PPP	EG915UEUABR02A02M08_01.001.01.001	/
	NITZ	EG915UEUABR02A02M08_01.001.01.001	/
	FTP	EG915UEUABR02A02M08_01.001.01.001	/
	HTTP	EG915UEUABR02A02M08_01.001.01.001	/
	TCP SSL	EG915UEUABR02A02M08_01.001.01.001	/
	MQTT	EG915UEUABR02A02M08_01.001.01.001	/
	NTP	EG915UEUABR02A02M08_01.001.01.001	/
	SIM Detection	EG915UEUABR02A02M08_01.001.01.001	/
Special Function	QuecLocator 2.0	EG915UEUABR02A02M08_01.001.01.001	QuecLocator2.0 is an efficient location technology developed by Quectel, while it's not free, you need pay for it if you would like to use it.
	DFOTA	EG915UEUABR02A02M08_01.001.01.001	/
	ECM	EG915UEUABR02A02M08_01.001.01.001	/
	RNDIS	EG915UEUABR02A02M08_01.001.01.001	/
	LowPower	EG915UEUABR02A02M08_01.001.01.001	/



## About Quectel

Quectel Wireless Solutions is the leading global supplier of cellular and GNSS modules, with a broad product portfolio covering the most recent wireless technologies of 5G, LTE/LTE-A, NB-IoT/LTE-M, UMTS/HSPA(+), GSM/GPRS and GNSS. As a professional IoT (Internet of Things) technology developer and cellular module supplier, Quectel is able to provide one-stop services for IoT cellular modules. Quectel products have been widely applied in IoT/M2M fields including smart payment, telematics and transport, smart energy, smart cities, security, wireless gateways, industry, healthcare, agriculture, and environment monitoring.

