

## Product Change Description

### Statement

We **Quectel Wireless Solutions Co., Ltd** declare the following models.

**Product Name:** LTE Cat M & Cat NB Module

**Model Name:** **BG950A-GL, BG953A-GL**

BG950A-GL and BG953A-GL both use ALT1250 chip, share the same chipset baseline, the same hardware and software design, and also support the same frequency bands. The only differences are:

- BG953A-GL supports iSIM while BG950A-GL do not support it. BG950A-GL and BG953A-GL share the same firmware baseline.
- BG953A-GL supports 3GPP Release 14 (Cat NB2 ) while BG950A-GL 3GPP Release 13(Cat NB1).

Integrated SIM (iSIM) is a new SIM form-factor, integrated within ALT1250 and providing security and functionality equivalent to traditional SIM or eSIM. This feature is enabled by software configuration.

3GPP Release 14 upgrade from Release 13 is a software upgrade, there is no hardware change for it.

The key information for two modules is as below:

Module	BG950A-GL	BG953A-GL
<b>BB Chip</b>	ALT1250	ALT1250
<b>Category</b>	Cat M1 /NB1/GNSS	Cat M1 /NB2/GNSS
<b>Frequency Bands</b>	Cat M LTE-HD-FDD: B1/B2/B3/B4/B5/B8 /B12/B13/B18/B19/B20/B25/B26 /B27/B28/B66 Cat NB LTE-HD-FDD: B1/B2/B3/B4/B5/B8 /B12/B13/B17/B18/B19/B20/B25 /B28/B66	Cat M LTE-HD-FDD: B1/B2/B3/B4/B5/B8 /B12/B13/B18/B19/B20/B25/B26 /B27/B28/B66 Cat NB LTE-HD-FDD: B1/B2/B3/B4/B5/B8 /B12/B13/B17/B18/B19/B20/B25 /B28/B66
<b>GNSS</b>	GPS, GLONASS	GPS, GLONASS
<b>iSIM</b>	N/A	Supported

Your assistance on this matter is highly appreciated.

Sincerely, 

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**Title:** Certification Section Manager