



HUAWEI ME909u-523 LTE LGA Module

Acceptance Inspection Guide

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About This Document

Revision History

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1 Introduction

1.1 Purpose

This document describes the methods of inspecting Huawei's shipments of ME909u-523 module. Customers can refer to this document when formulating inspection guides for accepting Huawei ME909u-523 module.

1.2 Scope

This guide is applicable to the acceptance inspection of Huawei ME909u-523 module. The inspection methods provided in this guide are recommendations, which can be modified by customers if necessary.

2 Acceptance Inspection

2.1 Packaging Modes and Appearance

The first-layer packages for the ME909u-523 module are large cartons; the second-layer packages are medium cartons, and the third-layer packages are vacuum bags, as shown in the following figures.

Figure 2-1 Large carton packaging



NOTE

- Check whether the package has serious damage or has been opened.
- Check whether the number of Carton ID labels attached on the large carton is consistent with the number of medium cartons in the large carton.

Figure 2-2 Medium carton**Figure 2-3** Vacuum bag inside a medium carton**NOTE**

- Check whether the packaging modes are consistent with those shown in the previous figures.
- The ME909u-523 modules are packed in vacuum bags. Check the vacuum bags for damage and leakage.

Figure 2-4 Arrangement of the modules (after the vacuum bag is removed)



NOTE

- Check that the arrangement of modules is consistent with that shown in Figure 2-4 .
- Check that the number of modules is consistent with that labeled on the large carton.
- After the vacuum bag is removed for inspection, repack the modules in a vacuum bag to ensure the quality when the modules deliver to the customer.

2.2 Label Inspection

Figure 2-5 ME909u-523 label



NOTE

- Check whether the information on the label of an ME909u-523 module is consistent with the label shown in Figure 2-5 .
- Use a 2D barcode scanner to read the 2D barcode and check whether the number read from the barcode is consistent with the IMEI number printed on the label.

2.3 Performance Inspection

Testing software: HyperTerminal

Testing tools: Serial port or USB cable, development kit, and PC

Testing system: Windows 7

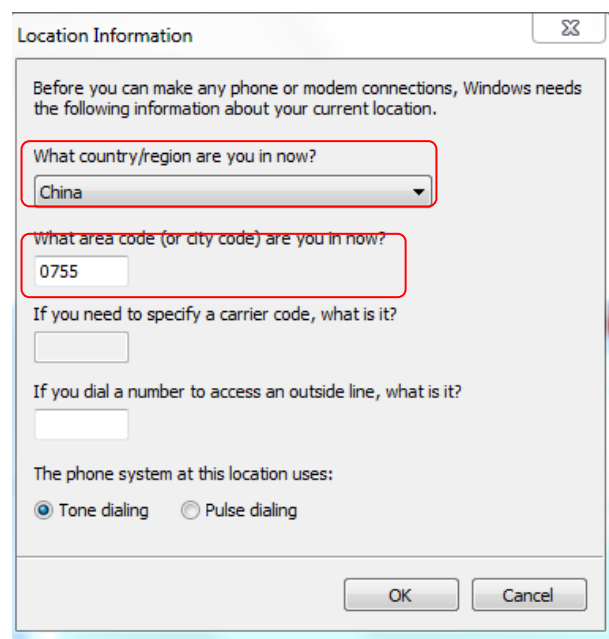
The following is the procedure:

Step 1 Use serial port or the USB cable to connect the development kit to the PC.

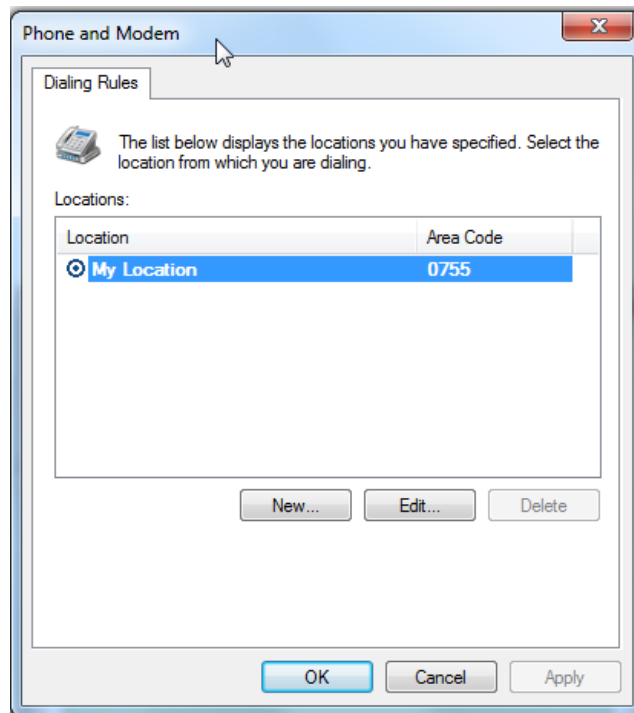


Step 2 You can download **hypertrm.exe** and **hypertrm.dll** in your browser and store **hypertrm.exe** and **hypertrm.dll** in **C:\windows\system32**.

Step 3 Run **hypertrm.exe** in **C:\windows\system32** to enter **Location Information**. Select your country or region (here take **China** as an example), input your code or city code (here take **0755** as an example), and then click **OK**, as shown in the following figure.



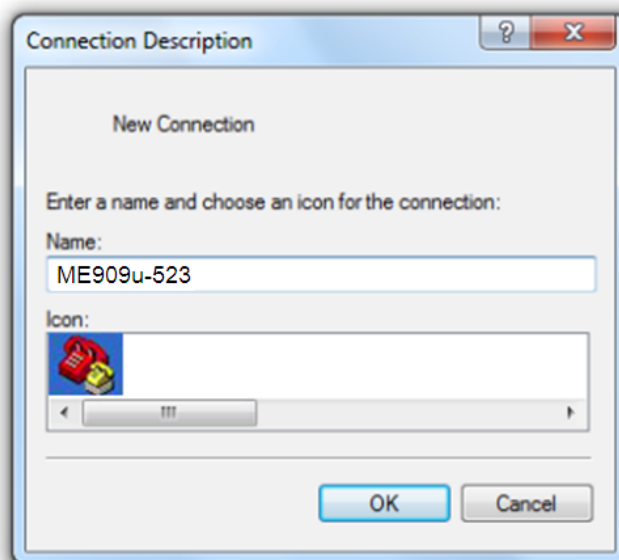
Step 4 Enter **Phone and Modem**, and click **OK** as shown in the following figure.



Note:

Step 3 and Step 4 are only used for users to install **hypertm.exe** for the first time. If **hypertm.exe** has been installed before, it will directly go to Step 5.

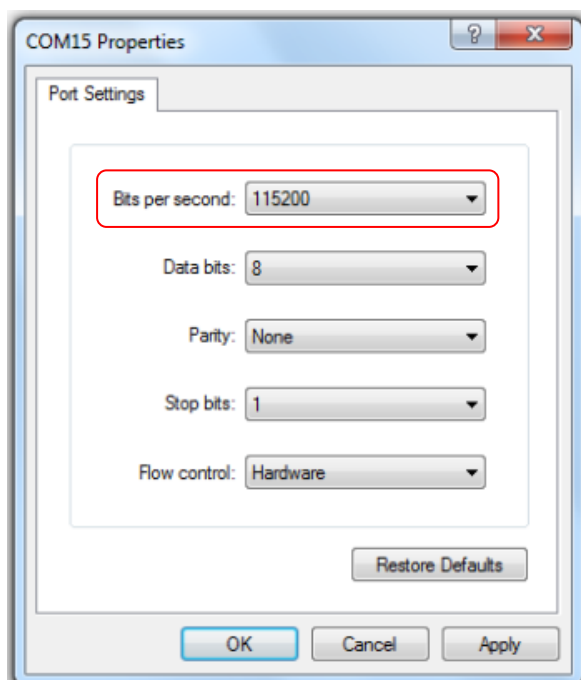
Step 5 Enter **Connection Description**. Input **ME909u-523** in **Name** column, select the red telephone icon in **Icon** column and click **OK** as shown in the following figure.



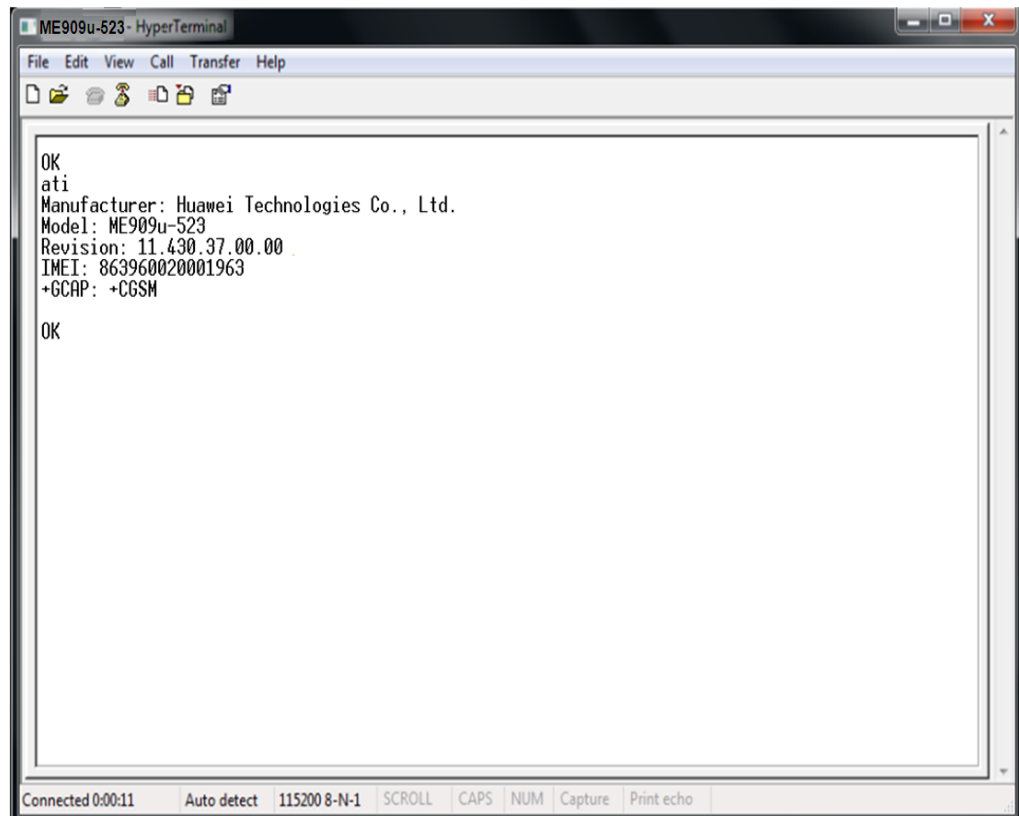
Step 6 Select the correct serial port in **Connect using** column and click **OK** as shown in the following figure.



Step 7 Select **115200** in **Bits per second** column, and then click **Apply** and **OK** as shown in the following figure.



Step 8 Send the command **ATI** and the information will be displayed in the following figure.



Manufacture:	The module's manufactory
Model:	The module's name
Revision:	The module's software version
IMEI:	The module's IMEI



NOTE

The firmware version and the IMEI number shown in the figure are provided only for your reference. The actual product may be different.

2.4 Repack the Module after Inspection

1. After the vacuum bag is removed for inspection, repack the modules in a vacuum bag.
2. Check whether the order on the medium carton is consistent with that on the large carton when putting the module into the medium carton.