

# A7672M7\_F Firmware Release Note

**Latest Version: A011B05A7672M7\_F**

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# A7672M7\_F LTE

## 1 Preamble

This Release Note introduces A7672M7\_F Firmware versions and briefly describes the benefits over preceding release. Also you can find differences compared with preceding release.

**New Features:** list features or AT commands which are newly developed compared with the preceding version.

**Improved Features:** list features or parameters that have been changed or improved compared with the preceding version.

### Related documents

- [1] A76XX Series\_AT Command Manual\_V1.08.docx
- [2] A76XX Series\_TCPIP\_Application Note\_V1.02.docx
- [3] A76XX Series\_HTTP(S)\_Application Note\_V1.02.docx
- [4] A76XX Series\_FTP(S)\_Application Note\_V1.02.docx
- [5] A76XX Series\_MQTT(S)\_Application Note\_V1.02.docx
- [6] A76XX Series\_SSL\_Application Note\_V1.02.docx
- [7] A76XX Series\_LBS\_Application Note\_V1.02.docx
- [8] A76XX Series\_UART\_Application Note\_V1.02.docx
- [9] A76XXSeries\_Sleep Mode\_Application Note\_V1.02.docx
- [10] A76XX Series\_UIM HOT SWAP\_Application Note\_V1.01.docx
- [11] A76XX 系列\_云平台协议\_应用文档\_V1.01.docx
- [12] A76XX Series\_Audio\_Application Note\_V1.02.docx
- [13] A7600 Series\_Linux\_USB\_Application Note\_V1.02.docx
- [14] A76XX Series\_FOTA\_Application Note\_V1.00.docx
- [15] A76XX Series\_Android\_Linux\_Upgrade\_Manual\_V1.01.docx

### Version: A011B05A7672M7\_F

#### [New Features]

1. Added BT SPP AT command

#### [Improved Features]

1. Fixed the issue: updated BIP.
2. Fixed the issue: After sim Profile is deleted, no result is displayed.
3. Fixed the issue: The first time a new SIM card is used, it is registered to a 2G network.
4. Fixed the issue: When HTTPDATA enters some data, a timeout error will affect the next data entry.
5. Fixed the issue: The crash occurred in some stress test scenarios, about FTP SSL MQTT HTTP CCH.
6. Optimized Command return value or parameter optimization for call related services.

7. Fixed the issue: The Bluetooth connection is successful but the BLGCGC return value is abnormal.
8. Fixed the issue: During the Bluetooth test, the module may be disconnected at around 30S.
9. Fixed the issue: Low probability of module crash or restart in some stress test states.
10. Optimized the parameters or return values of some instructions.

**Version: A011B04A7672M7\_F****[New Features]**

1. Add the Jamming Detection function.

**[Improved Features]**

1. Fixed the issue: [AUDIO] The module freezes when an incoming call is placed during AUDIO playback.
2. Fixed the issue: [SSL] In transparent transmission mode, enter two + signs and restart.
3. Fixed the issue: Enter [HTTP] continuously: continue +HTTPACTION, +HTTPDATA, +HTTPREAD. Wait half an hour for the module to restart.
4. Fixed the issue: [PPP] PPP repeatedly dials, and the module crashes at a probability.
5. Fixed the issue: [SSL] If there is too much data in the CCH buffer, connect to the server again to receive data, and the module restarts.

**Version: A011B03A7672M7\_F****[New Features]**

1. Added AT instruction AT+CNII for traffic statistics.
2. Added the AT+FSPRESET command to export the recording file from the USB port.

**[Improved Features]**

1. Fixed the issue: Change the AT+CTBURST default output to 33 dBm from 27dBm.
2. Fixed the issue: [SIMCard] When SIM card 2 is disconnected, data services TCP, FTP, SSL, and HTTP cannot be connected.
3. Fixed the issue: False alarm occurs when there is no signal at all.
4. Fixed the issue: [SSL] In transparent transmission mode, enter two + signs (+) to restart the system.
5. Fixed the issue: AT+CNETCI? No information can be obtained from frequency scanning.
6. Fixed the issue: [TCPIP] Failed to connect to UDP.
7. [MQTT] CMQTTSUB Subscription topic exceeds a certain amount of data, query again will cause the module to crash.

**Version: A011B02A7672M7\_F****[New Features]****[Improved Features]**

8. Optimized some command formats and return results.
9. Fixed the issue: When the broadcast packet of the remote Bluetooth device is large, the module cannot display the scan result of Bluetooth correctly.
10. Fixed the issue: Error message returned from "at+reset" command.

11. Fixed the issue:[SSL]If the CCH buffer contains too much data, connect to the server again to receive data, module reboot.
12. Fixed the issue:The module may restart after a period of time by executing the "+HTTPACTION、+HTTPDATA、+HTTPREAD" command in large numbers.

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