

Over the Air Firmware Update Application Note

6/3/2016

This feature applies to the BT53i module. Modules must be shipped with this feature requested for it to be supported.

BT53H and BT53S modules do NOT support OTA.

BT53i modules shipped without OTA requested, cannot be updated to support OTA.

Procedure for OTA firmware update.

1. Initiate a SPP connection from Remote device to OTA device.
2. Enable remote command: at+ab otastart 1234, where "1234" is the OTA pin.
Option A. Locally
Or
Options B. Remotely using OTA escape sequence to switch into OTA command mode: @#@\$@%
3. Send file from remote device using y-modem.
Await reply - OTA Success
5. Verify with "AT+AB otaverify".
Await reply - OTA Verify Success
6. Reset OTA device (power off / power on).
Await reply - Update Program
Await reply - Update Success

-Complete-

Example:

```
^#^$^%AT-AB -CommandMode-
at+ab otastart 1234
AT-AB OTASStart Success
.....
.....
.....
.....
AT-AB OTA Success
at_
AT-AB ErrFormat
at+ab otaverify
AT-AB OTAVerify Success
AT-AB Update Program
AT-AB Update Success
```