Classification	Confidential
Doc Number	
Date	June 23, 2007
Version	Draft v0.2

E-Tool for EMP U360 Operating Manual

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Revision History

Date	Description	Old Version	New Version
2007/06/01	Draft created		V0.1
2007/06/23	Add “Get Slot ID” and “Switch to TP Mode” Function		V0.2

Contents

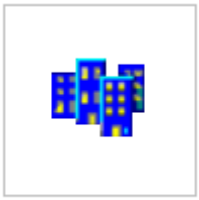
1 Introduction

This document describes the operating method by using E-Tool for EMP U360.

2 Set Slot ID

Step 1

The **E-Tool V1.0** dialog box will show when you execute **P_E_tool.exe**.



Step 2

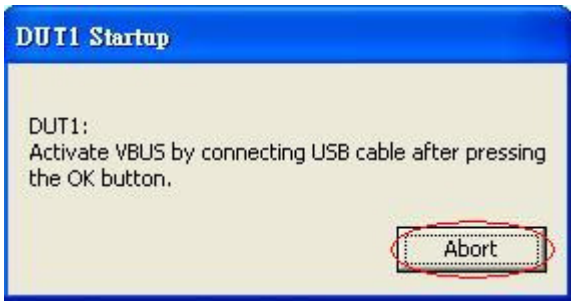
Choose **Function->Slot ID**, and click it to Set Slot ID automatically.

Step 3

It will show the following dialog , click “確定” to continue.

Step 4

It will show the following dialog, turn on inactive DUT ,then click “Abort” to continue.



Step 5

If it shows the following dialog , click“確定” and please repeat Step2 through to Step4 .

Step 6

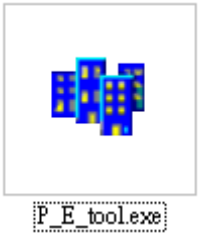
If the following dialog appeared , it represents Set Slot ID successfully.

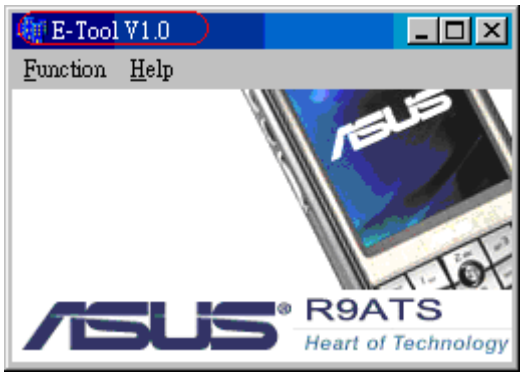
4 Operating Method

GSM PART

Step 1

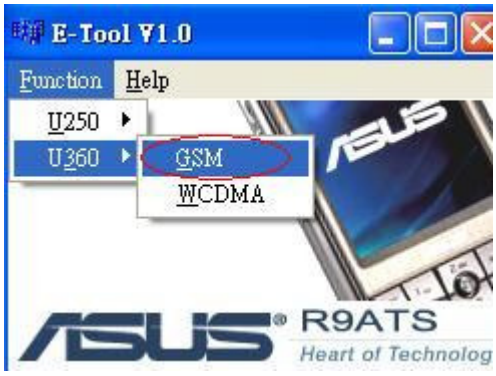
The **E-Tool V1.0** dialog box will show when you execute **P_E_tool.exe**.





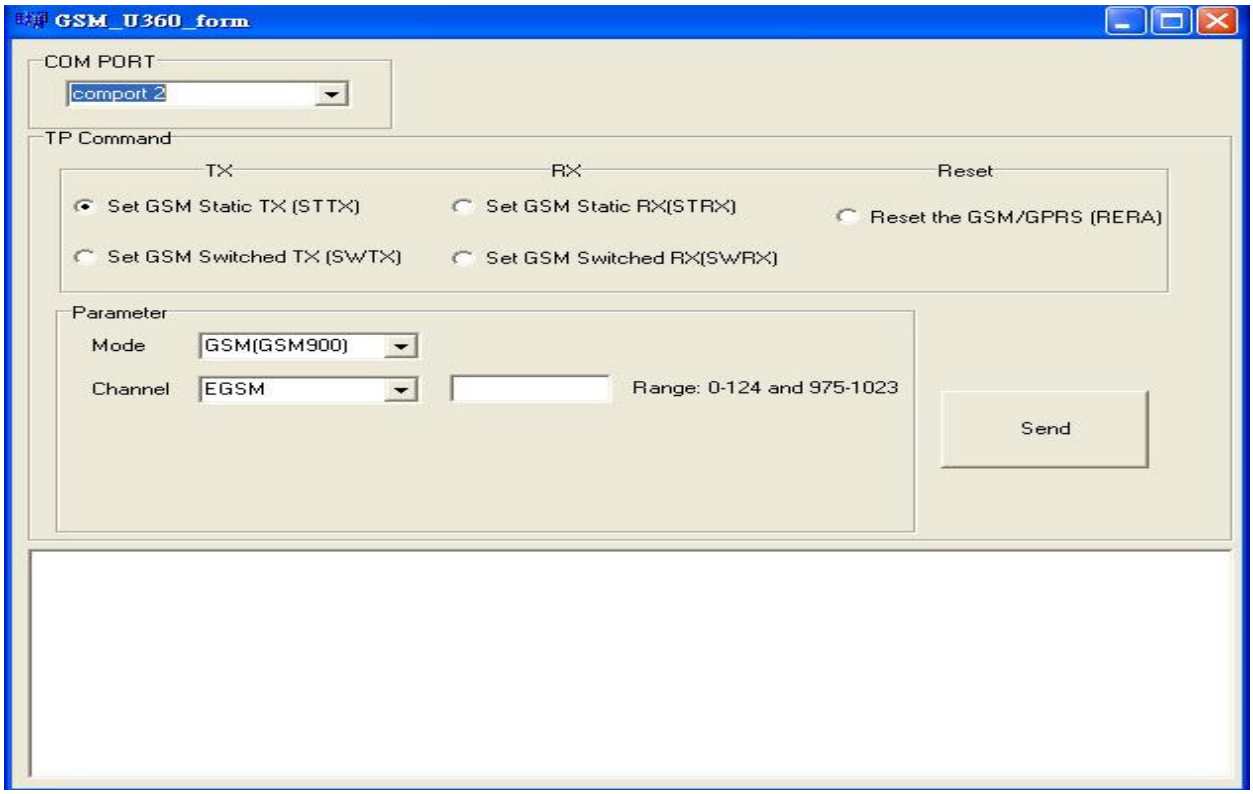
Step 2

Choose **Function->U360->GSM**, and click GSM to show **GSM_U360_form** dialog box.



Step 3

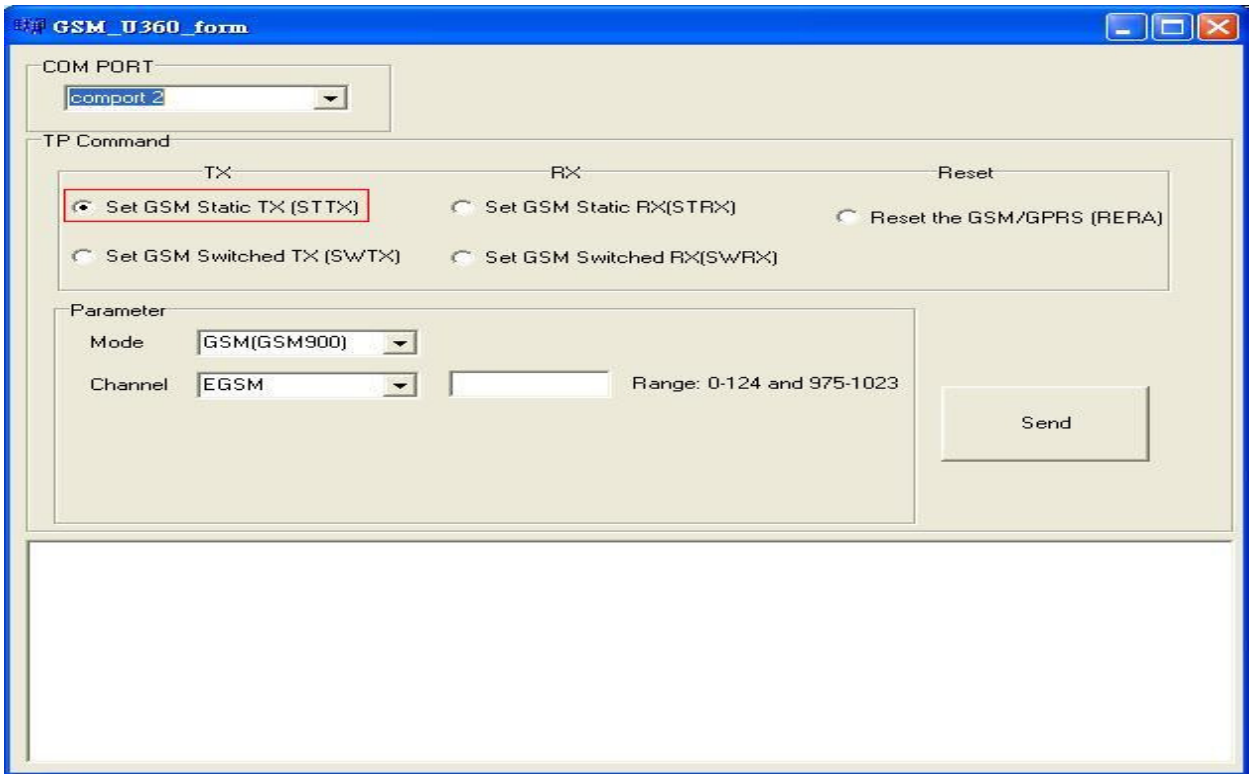
Choice com port number to communicate with Mustang.



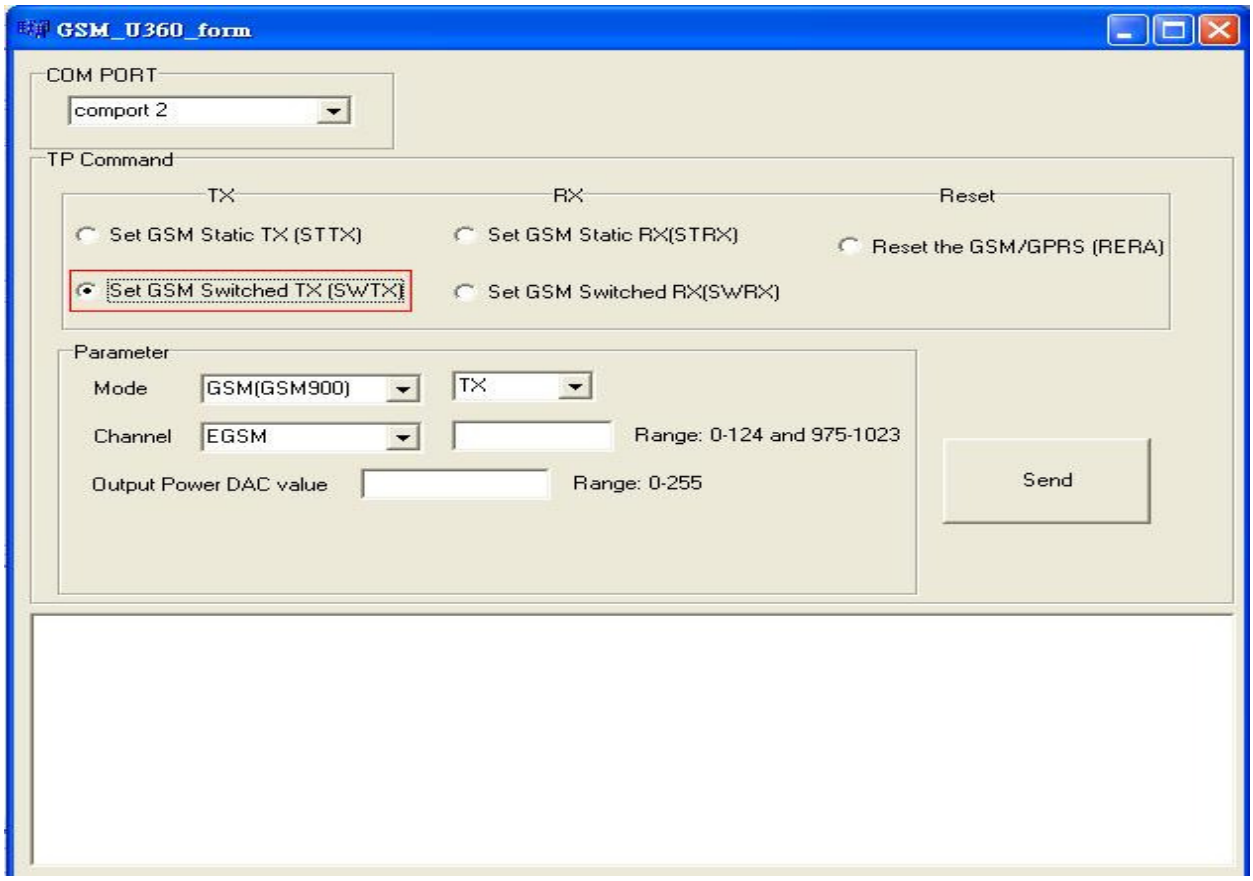
Step 4

Choice which tp command to send

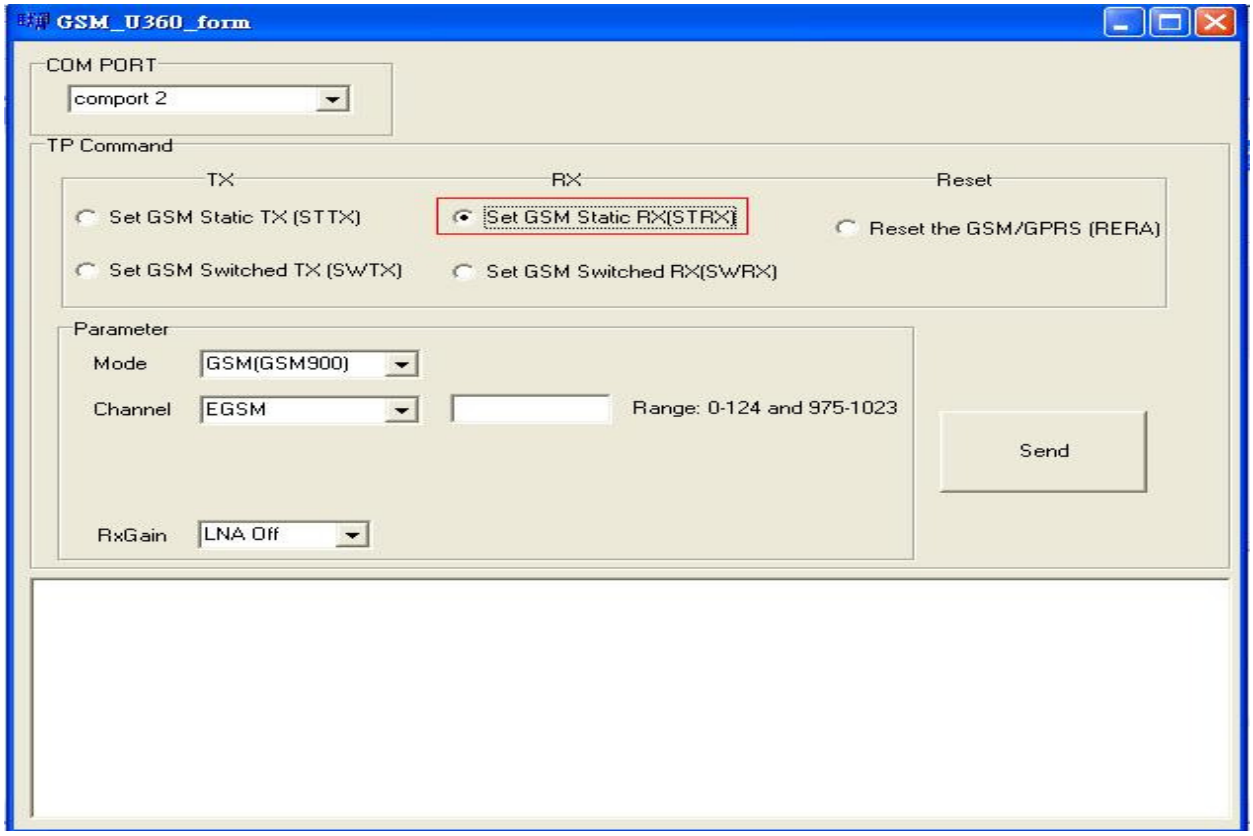
Set GSM Static TX



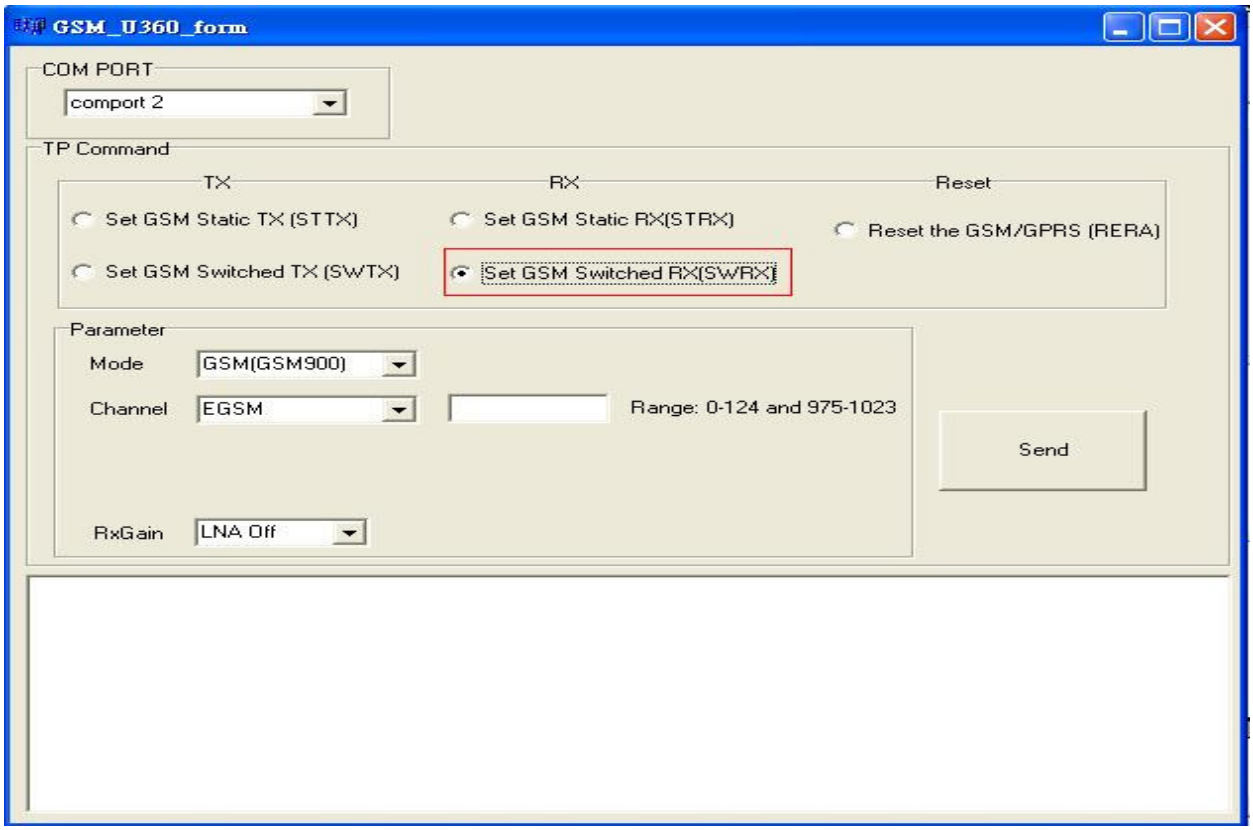
Set GSM Switched TX



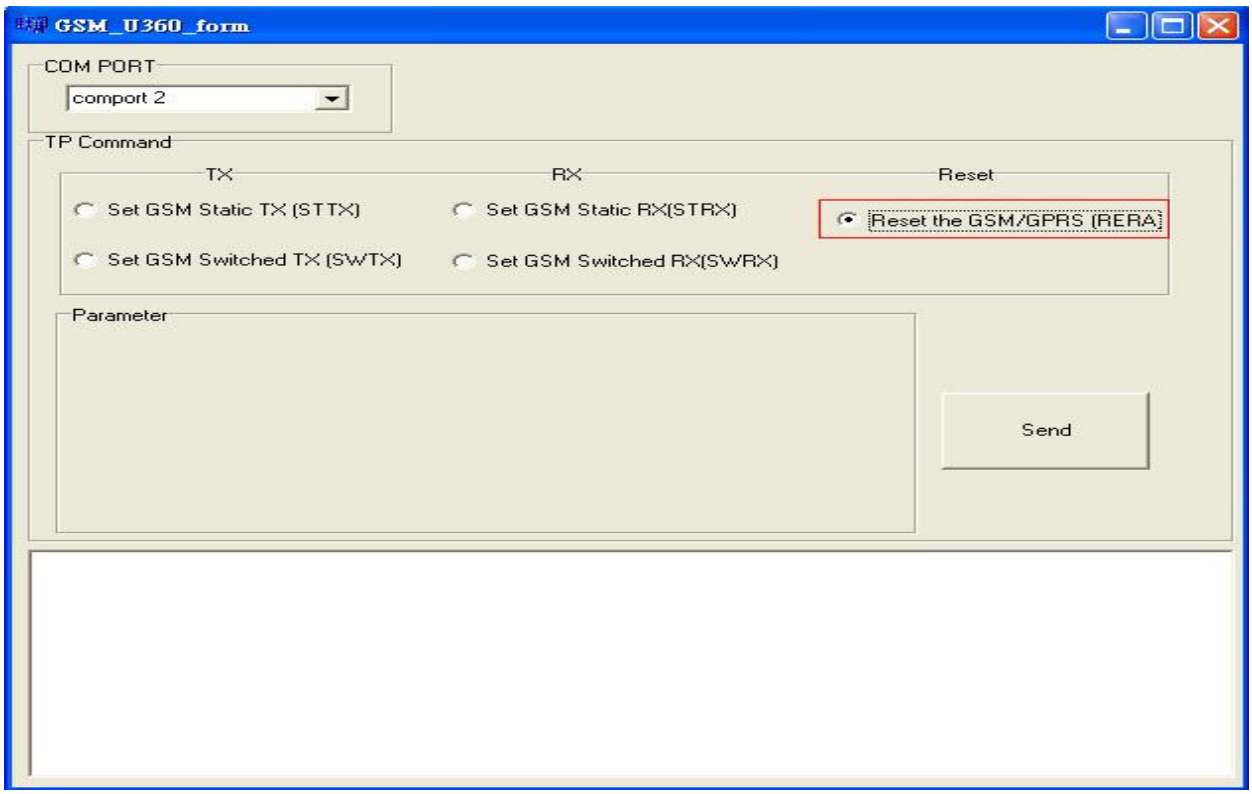
Set GSM Static RX



Set GSM Switched RX



Reset the GSM Radio



Result is showed as below

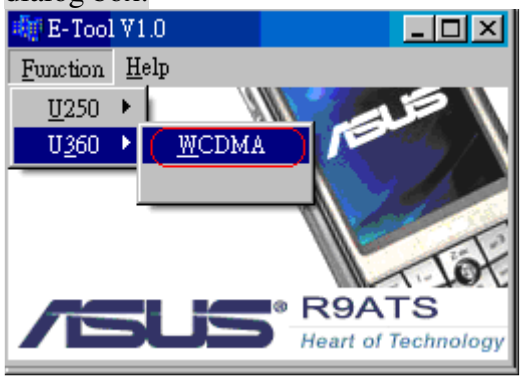
WCDMA PART

Step 1

The **E-Tool V1.0** dialog box will show when you execute **P_E_tool.exe**.

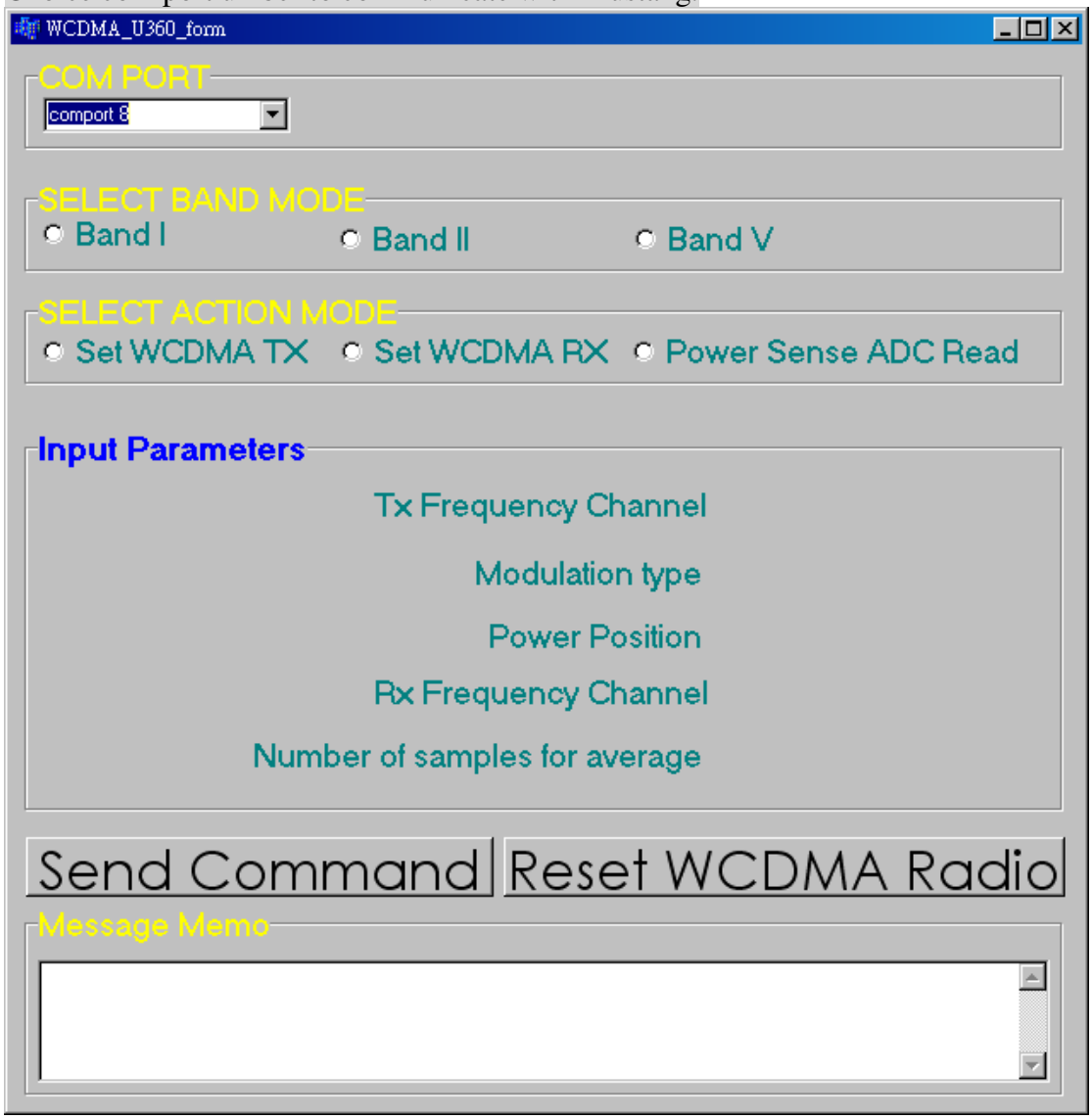
Step 2

Choose **Finction->U360->WCDMA**, and click WCDMA to show **WCDMA_U360_form** dialog box.

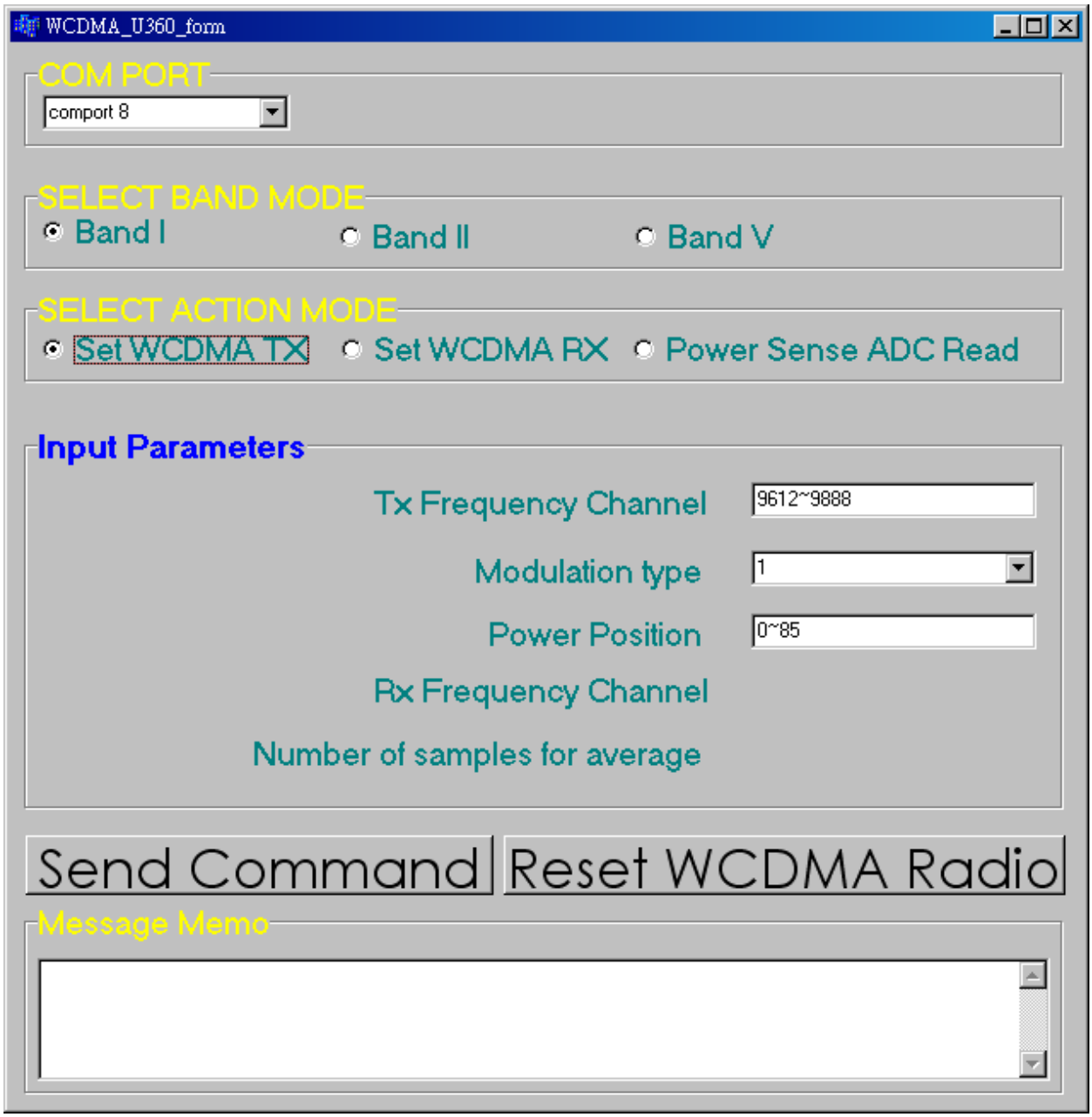


Step 3

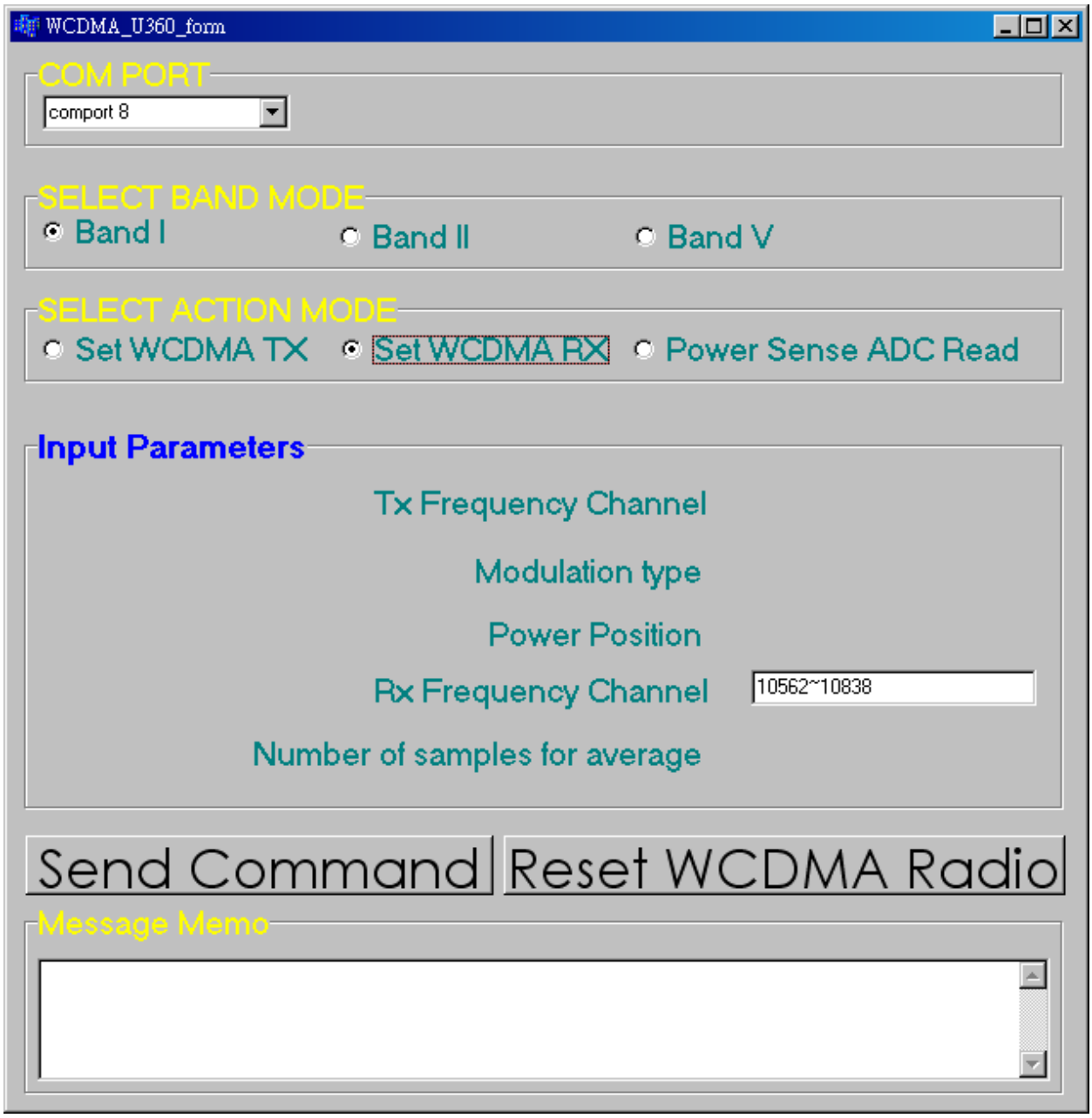
Choice com port umber to communicate with Mustang.



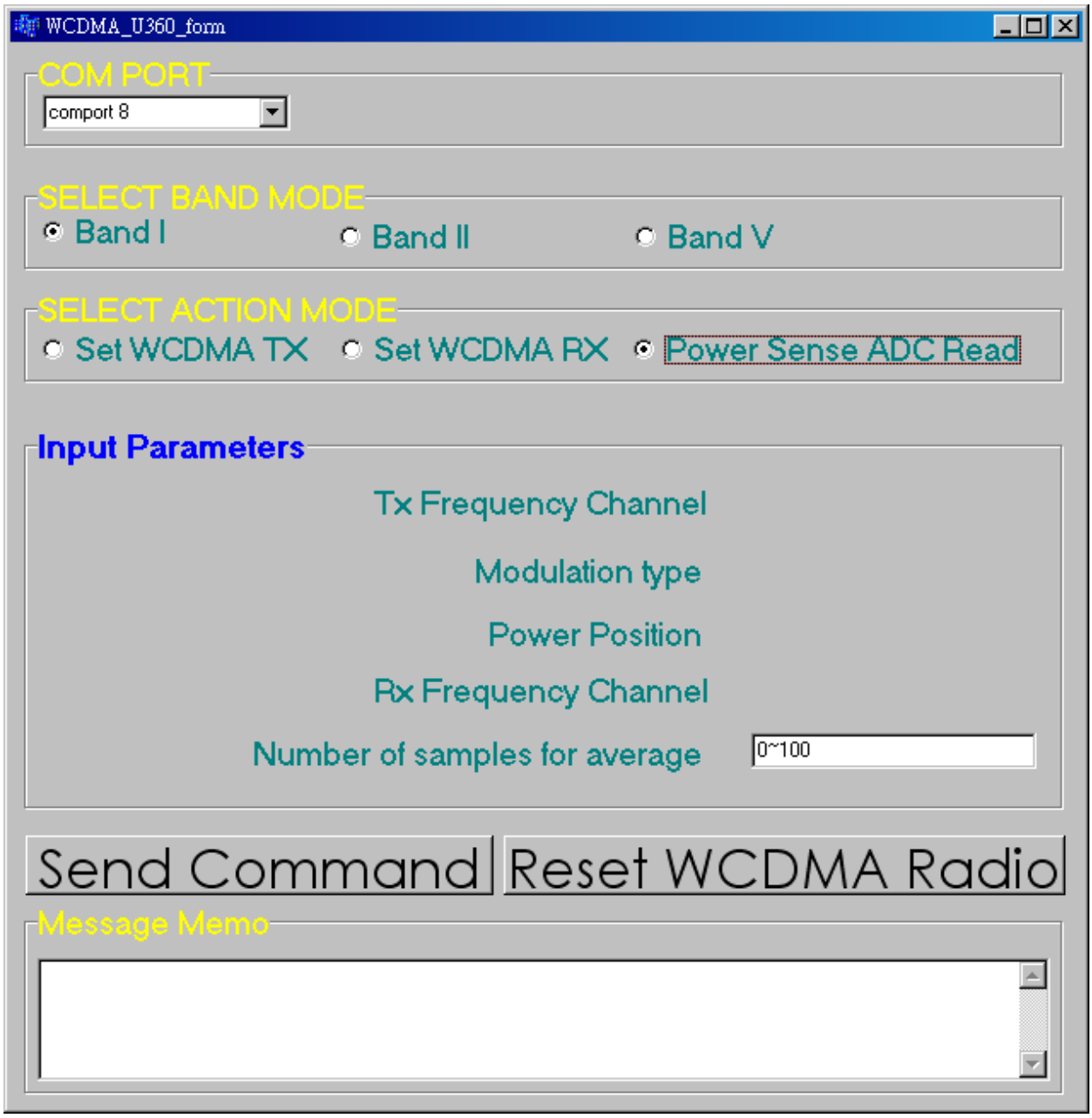
Step 4
Choice Band MODE to send the tp command
Set WCDMA TX



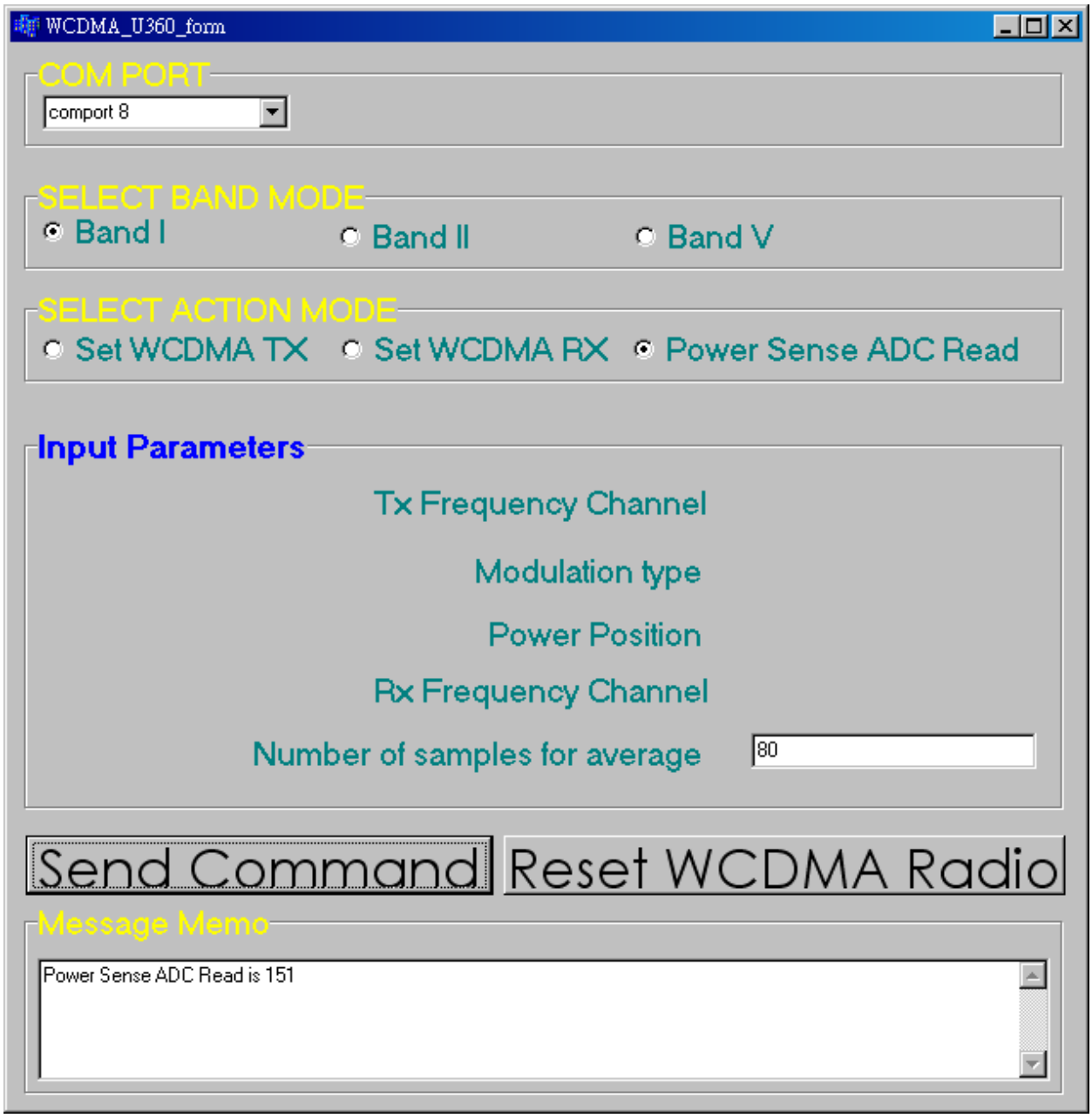
Set WCDMA RX


WCDMA_U360_form
COM PORT
comport 8
SELECT BAND MODE
Band I
Band II
Band V
SELECT ACTION MODE
Set WCDMA TX
Set WCDMA RX
Power Sense ADC Read
Input Parameters
Tx Frequency Channel
Modulation type
Power Position
Rx Frequency Channel
10562~10838
Number of samples for average
Send Command
Reset WCDMA Radio
Message Memo

POWER Sense ADC Read

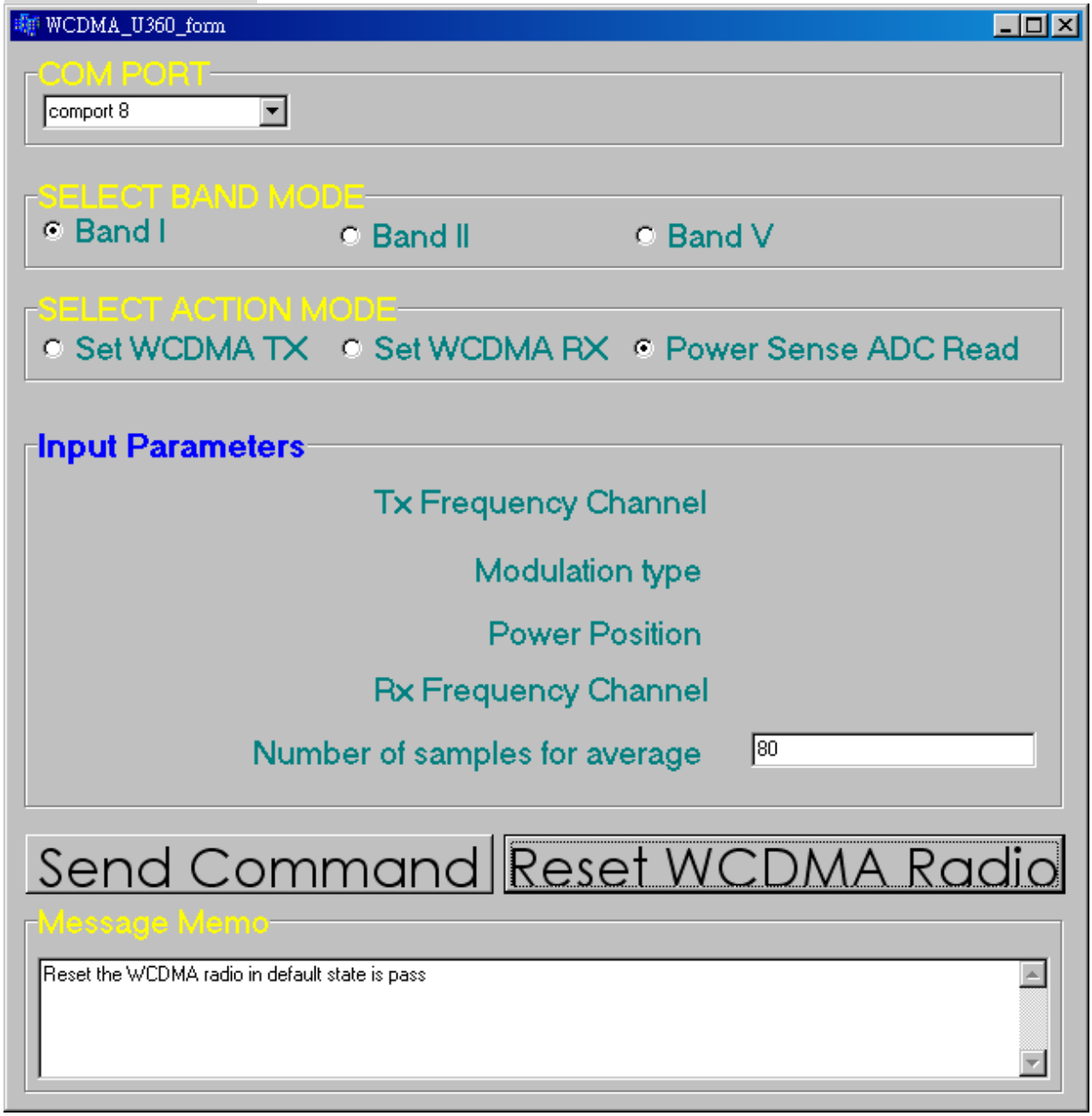


Result is showed as below


WCDMA_U360_form
COM PORT
comport 8
SELECT BAND MODE
Band I
Band II
Band V
SELECT ACTION MODE
Set WCDMA TX
Set WCDMA RX
Power Sense ADC Read
Input Parameters
Tx Frequency Channel
Modulation type
Power Position
Rx Frequency Channel
Number of samples for average
80
Send Command
Reset WCDMA Radio
Message Memo
Power Sense ADC Read is 151

Step 5

Reset WCDMA Radio



Compliance with FCC rules and regulation:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1.this device may not cause harmful interference, and

2.this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

*The maximum antenna gain allowed for use with this device is 0 dBi.

*When the module is installed in the host device, the FCC ID label must be visible through a window on the final device or it must be visible when an access panel, door or cover is easily removed. If not, a second label must be placed on the outside of the final device that contains the following text: “Contains FCC ID: MSQT 200”.

*RF Exposure Warning:

In order to comply with FCC RF Exposure requirements, this device must be installed such that a minimum 20 cm separation distance is maintained between the EUT's antenna(s) and all persons during normal operation. In addition, the antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter. OEM integrators may not provide instructions to end-users pertaining to installation or removal of the EUT.