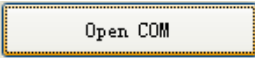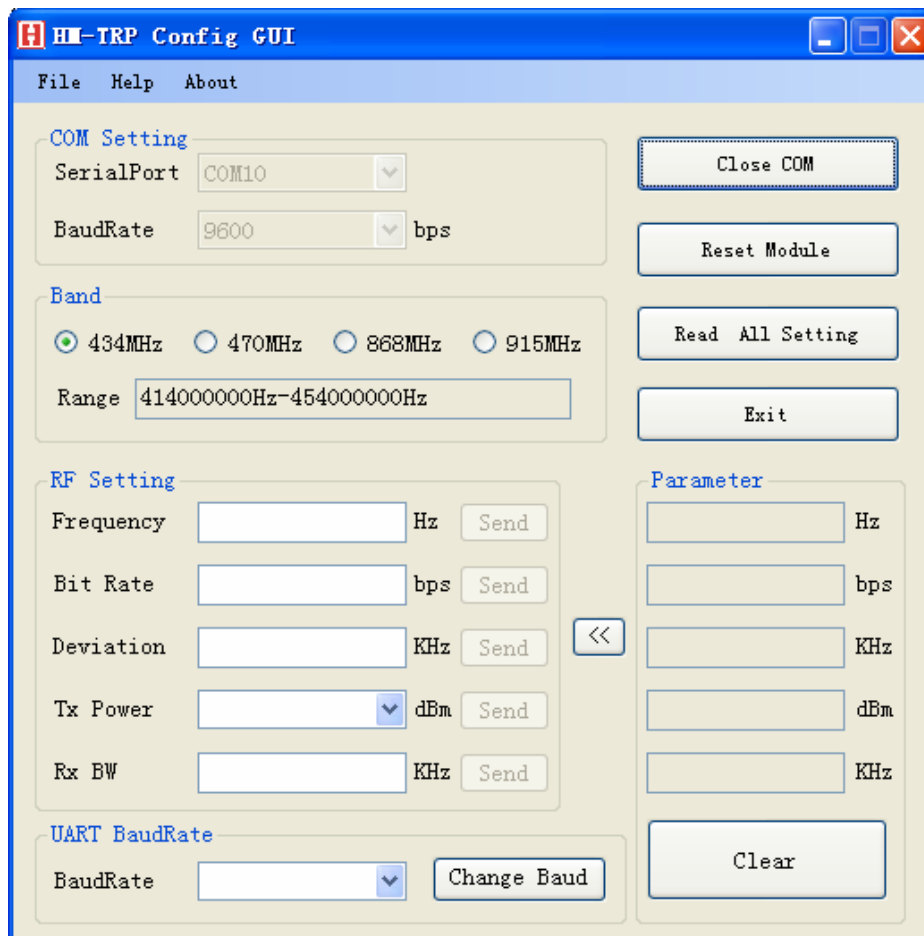# "HM-TRP Setting GUI" User Guide

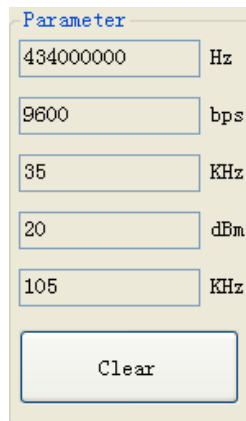**Note: Before using this tool, make sure HM-TRP module "CONFIG" pin and "ENABLE" pin is connected to ground.**

1、 Open the serial port ：From "COM Setting" controls select the serial port number to communicate、select the baud rate（The default baud rate is 9600bps of HM-TRP module）, enter "Open COM" again, Open the serial port , you will find the "COM Setting" controls grayed. Show as below:
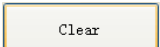

2、 Reset Module：After open the serial port , Enter "Reset Module", It can Restored to factory default parameters of HM-TRP modules after the success of the reset popup control. Show as below:

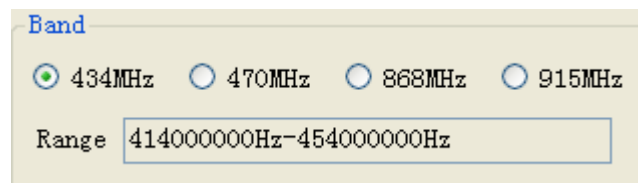3、 Read All Setting：After open the serial port， " Read All Setting " it can read back and display the parameters of RF, Show as below:

Parameter

434000000	Hz
9600	bps
35	KHz
20	dBm
105	KHz

Clear

Enter " << " can copy the displayed parameters into the corresponding button "RF Setting";

Enter " Clear " can clear the displayed parameters.

4、 Frequency Setting Frequency 434000000 Hz Send ： User can according to "Band" displayed the Frequency range to set the Frequency, Controls will become red when the setting value is out of range, After finished the setting, Enter " Send " ,If setting succeed，it will popup the dialog "Send OK!" ,if not will popup the dialog "Send Fail!". "Band" select according to the marked on the back of the module's frequency of HM-TRP. Show as below:

Band

⊙ 434MHz ○ 470MHz ○ 868MHz ○ 915MHz

Range 414000000Hz-454000000Hz

5、 Bit Rate Setting Bit Rate 19200 bps Send ： Recommend that users set RF Rate doubled than UART Rate，controls will become red when the setting value is out of range, After finished the setting, enter " Send "， If setting succeed，it will popup the dialog "Send OK!" ,if not will popup the dialog "Send Fail!".

6、 Deviation Setting Deviation 35 KHz Send ： Deviation setting must pay attention to set good associated with RxBW. Recommend setting the RxBW more than double Deviation. Controls will become red when the setting value is out of range, after

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finished the setting, enter "Send", If setting succeed，it will popup the dialog"Send OK!"，

if not ,will popup the dialog "Send Fail!"

7、 RxBW Setting `Rx BW   80   KHz Send`: .As above.

8、 Tx Power Setting `Tx Power   20 ▼ dBm Send`: Select the parameter value

from the drop-down list. After finish the setting, Enter "Send" , If setting succeed，it will

popup the dialog"Send OK!", if not ,will popup the dialog "Send Fail"!

9、 Change UART Baud `BaudRate   ▼ Change Baud`: Select the Baud

value you want to change ,Enter "Change Baud" ,Can change the serial rate, It will popup

below dialog when the setting succeed:

10、   Historical operating records inquiries: Press the "Log" button in the "Help" menu, it will automatically open the file named "Log.hpf", which records the history of the content and operation of the operating time of the content for the user query. Show as below:

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