TENWAY BF-480 V1.0 Software Programming Step

Software operating environment Win7 / Win10.
Currently the software does not support Mac OS system

Note :WIN 7 needs to install USB Drive.
WIN10 doesn't need to install USB Drive under normal conditions.
If the USB driver cannot be recognized, it is recommended to install it.

Make sure Radio is powered on and connect to Compute using Cable.

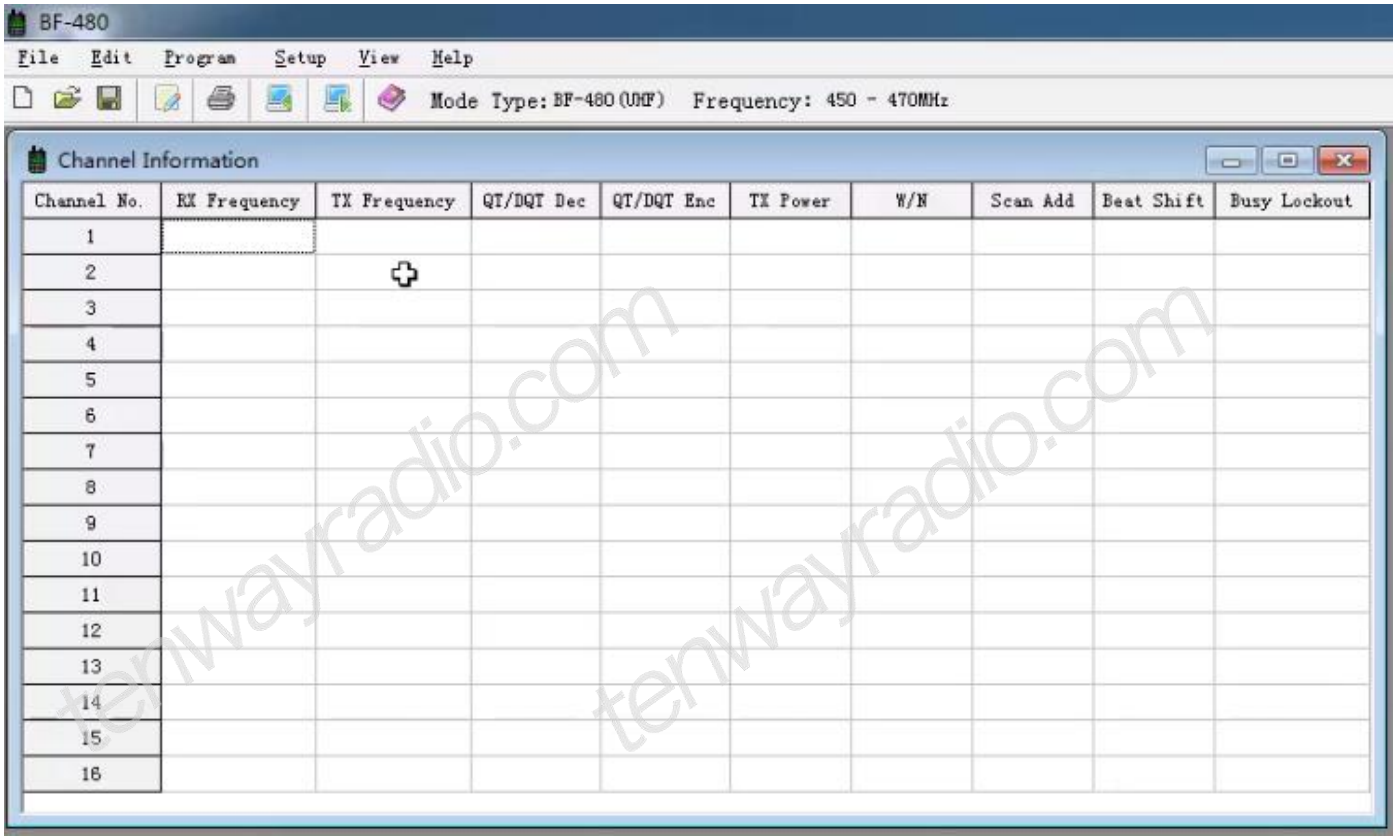
Step1. Open [BF-480 V1.0] File

1.1.1 Find the software file **[BF-480 V1.0]** click to open

Step2. Open BF-480.exe

2.1.1 In the folder to find the software to open the **[BF-480.exe]**

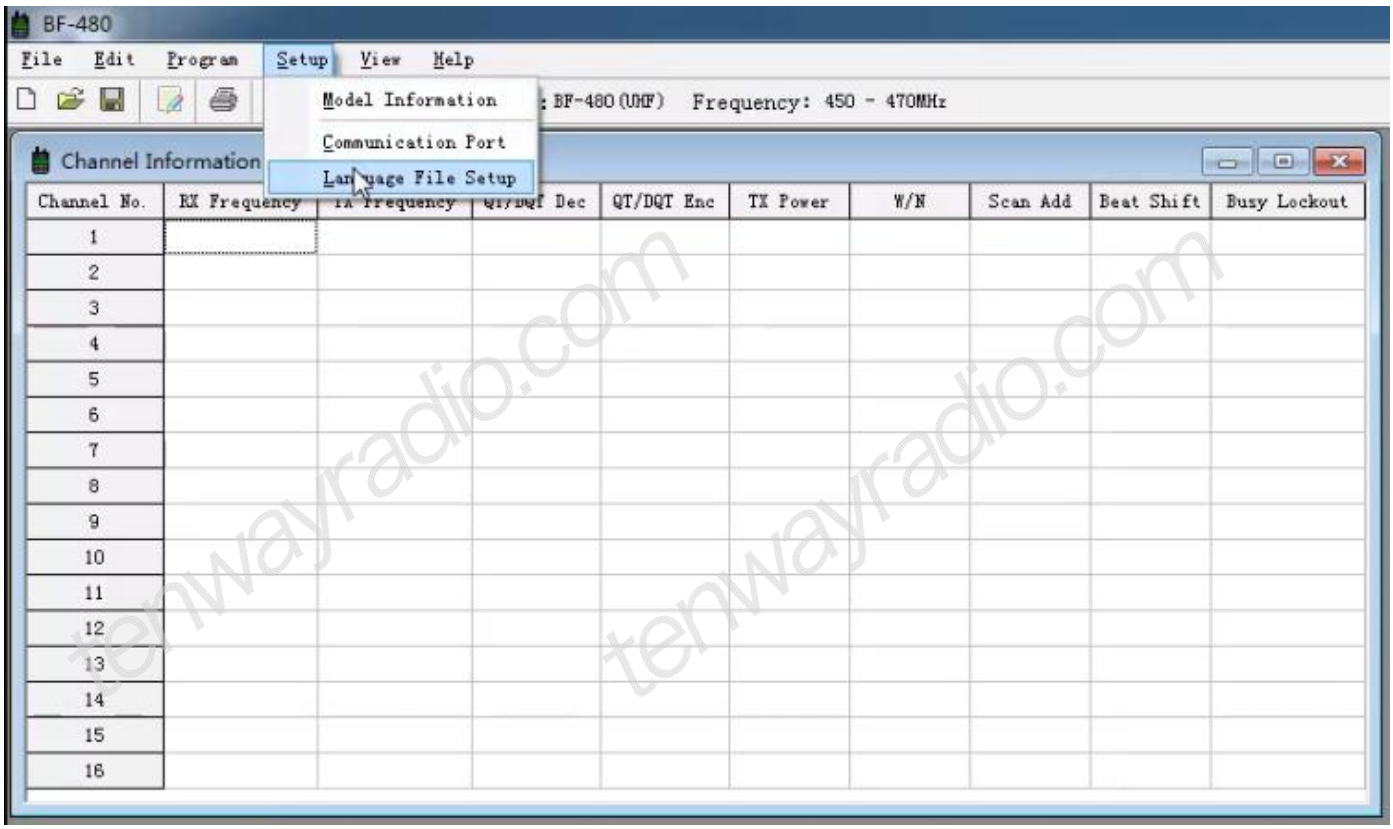
2.1.2 BF-480 software interface



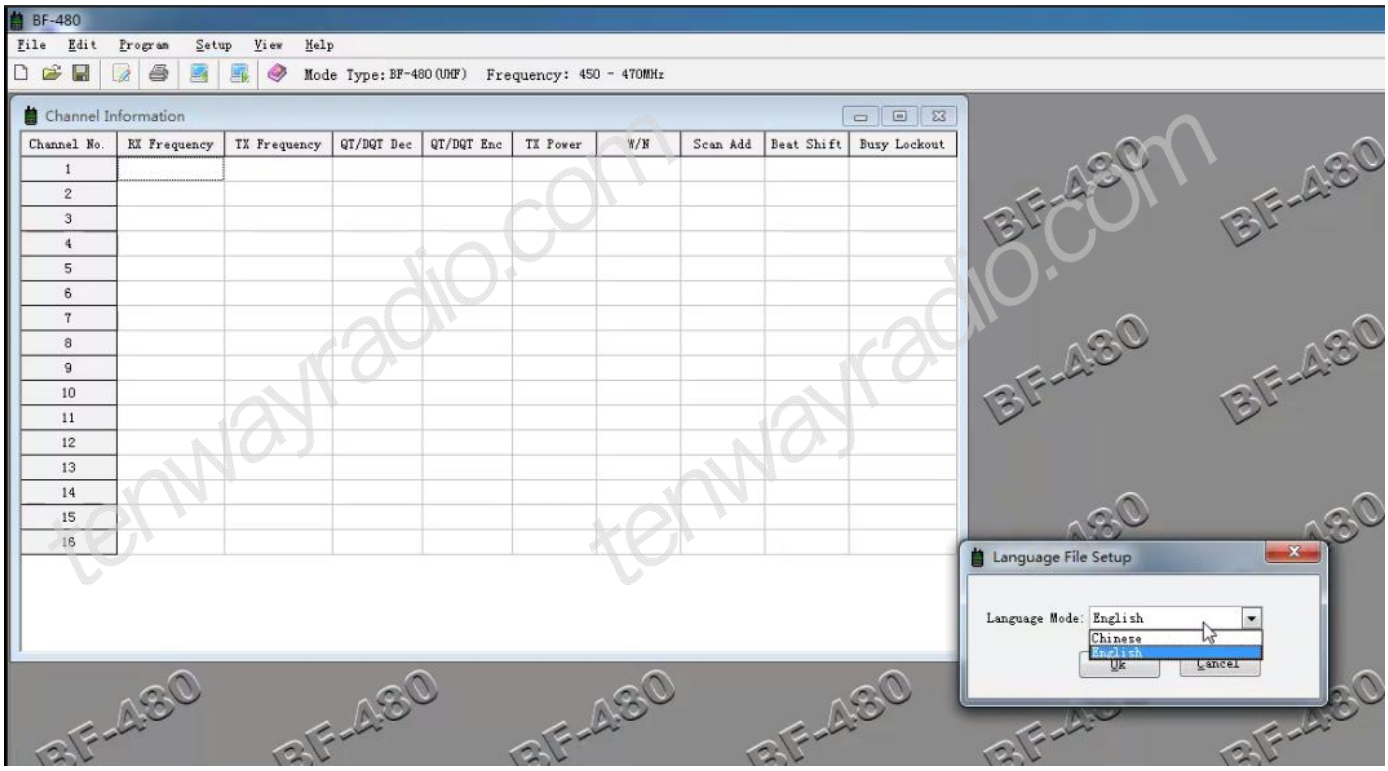
Step3. Language Setup

3.1 English Interface

3.1.1See the Software interface to click **[Setup]** to jump out of the option bar in the option bar is the lowest **[Language File Setup]** Click.

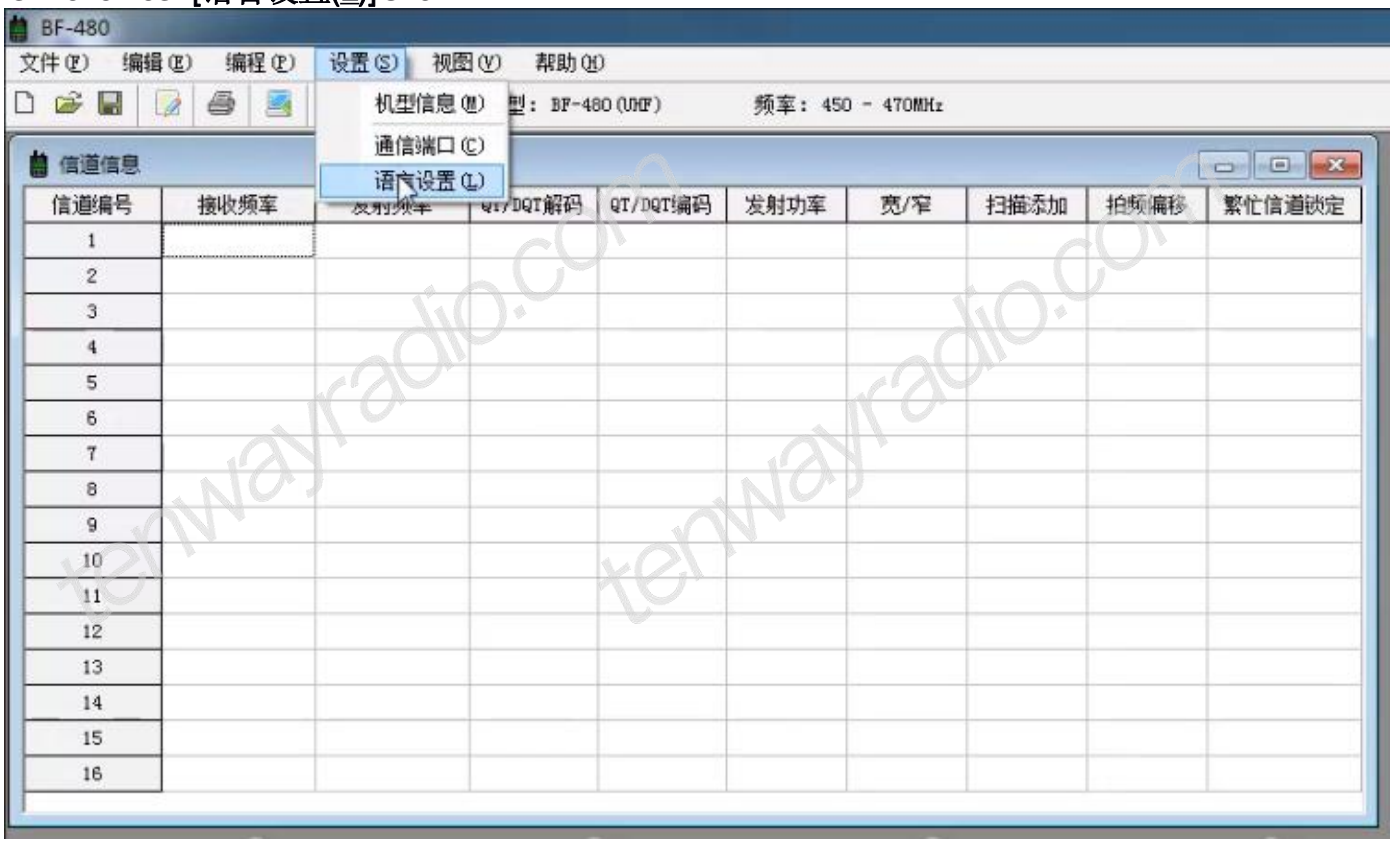


3.1.2 Click to jump out Language File Setup to choose Language Mode **[Chinese]** or **[English]** and then press **[Ok]**

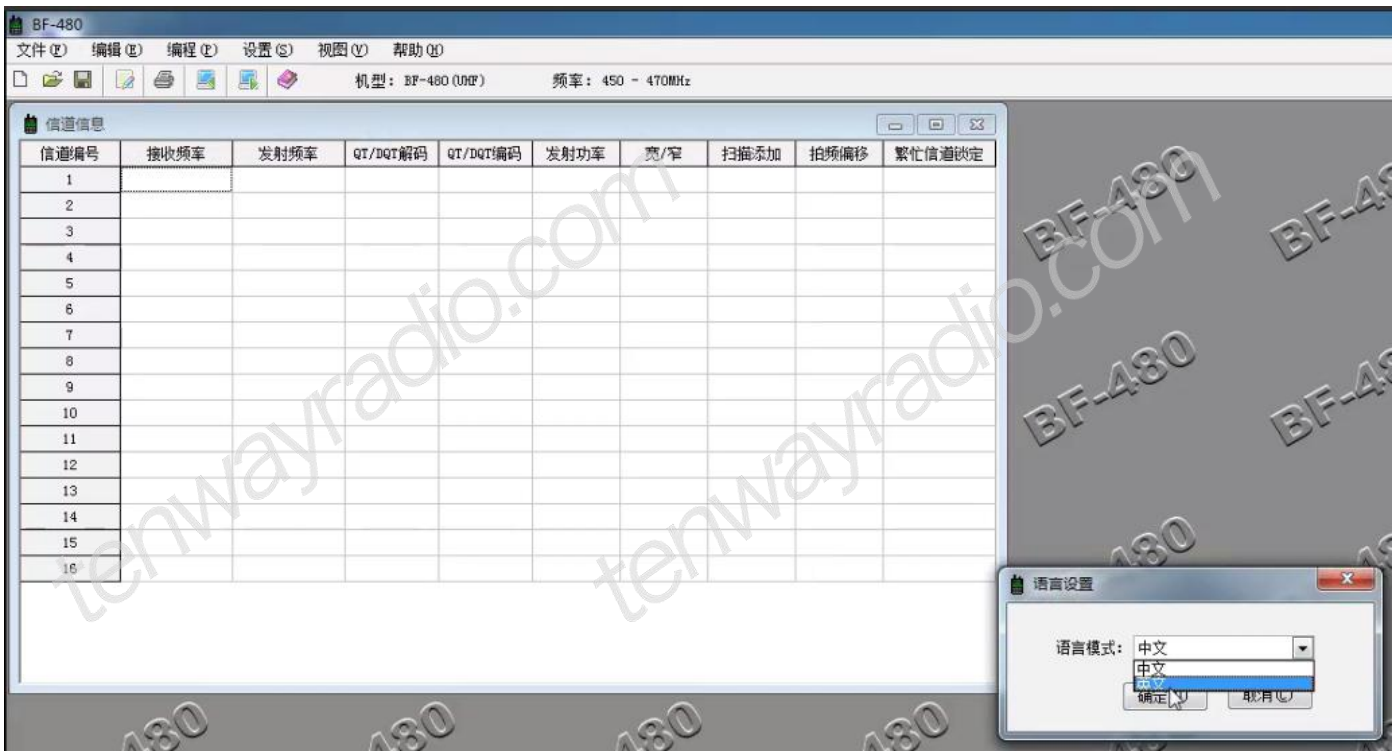


3.2 Chinese Interface

3.2.1 See the Software interface to click **[设置(S)]** to jump out of the option bar in the option bar is the lowest **[语言设置(L)]**Click.

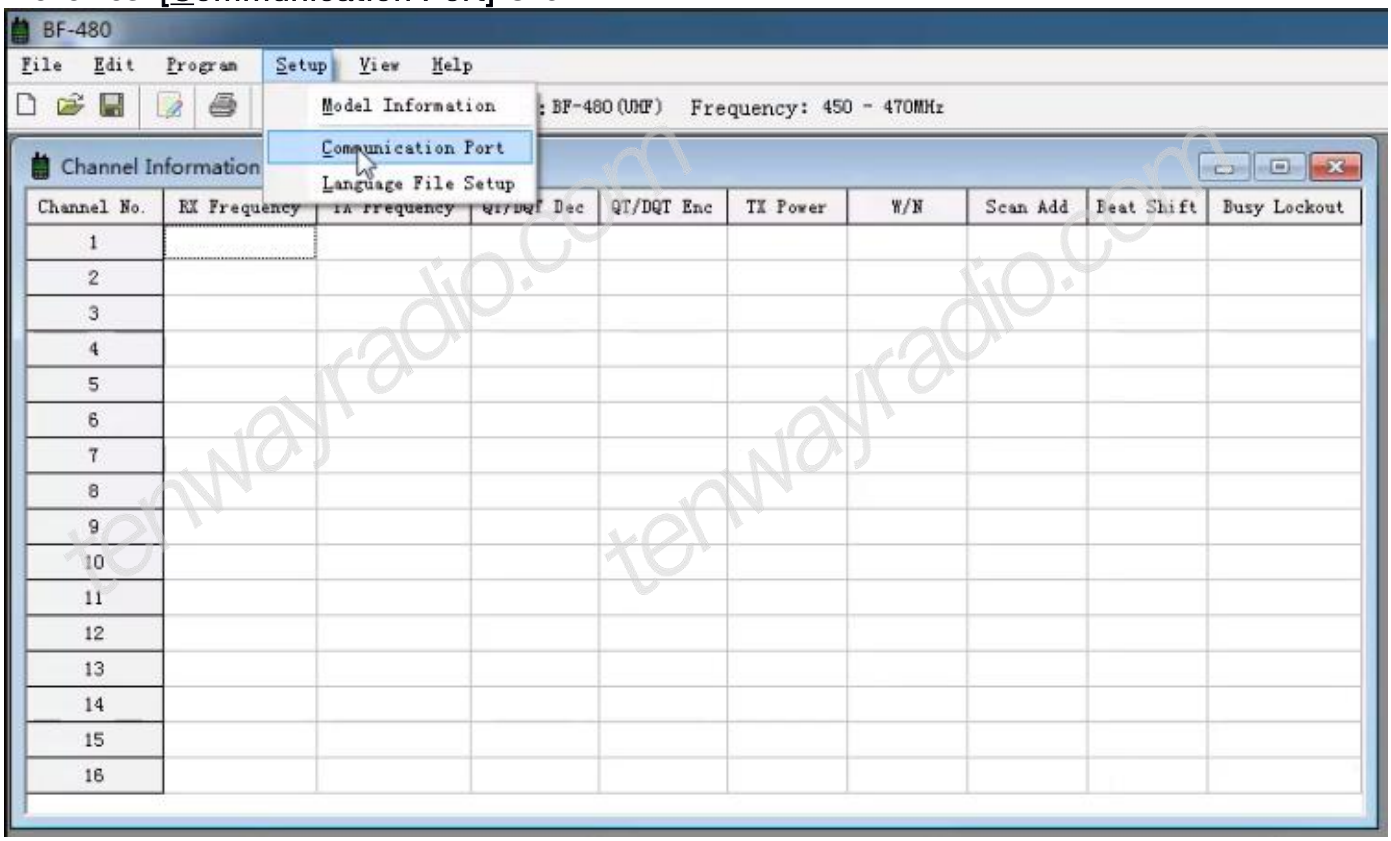


3.2.2 Click to jump out 语言设置--语言模式: Choose **[英文]** and then press **[确定]**

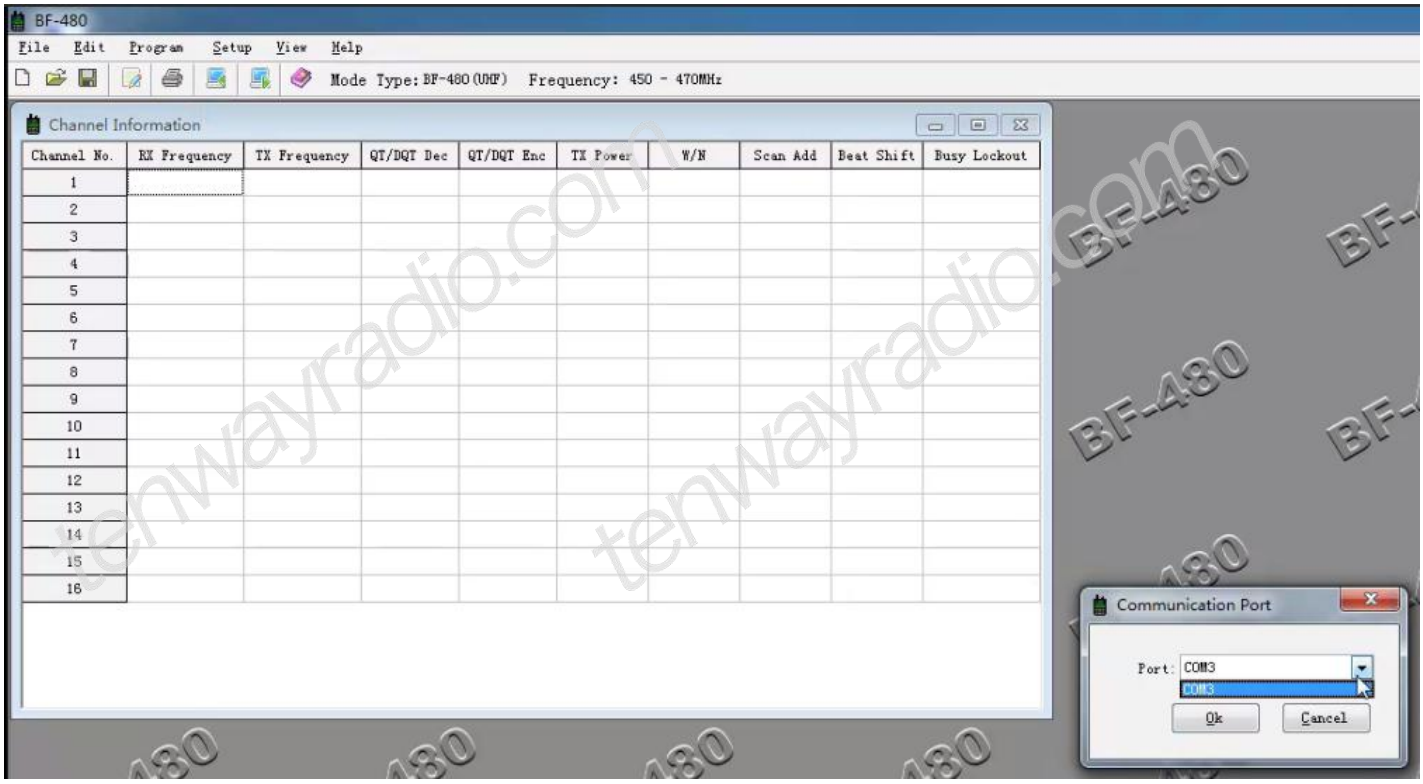


Step4. Communication Port Choose

4.1.1See the Software interface to click **[Setup]** to jump out of the option bar in the option bar is the lowest **[Communication Port]** Click.

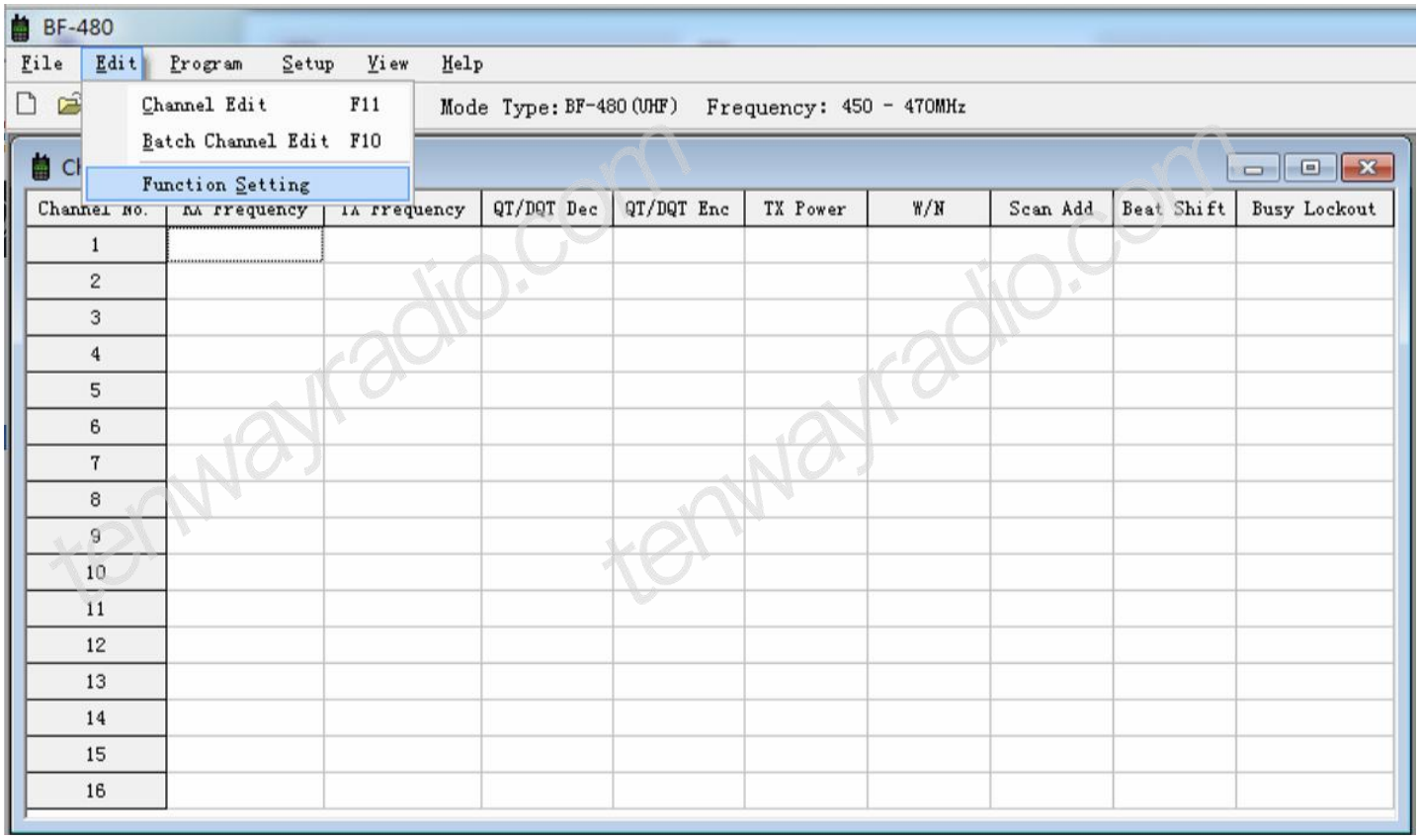


4.1.2 Click to jump out Communication Port to choose Port **[COM(n)]** and then press **[Ok].**
Note: Radio connects to compute, the system will automatically recognize the COM port.



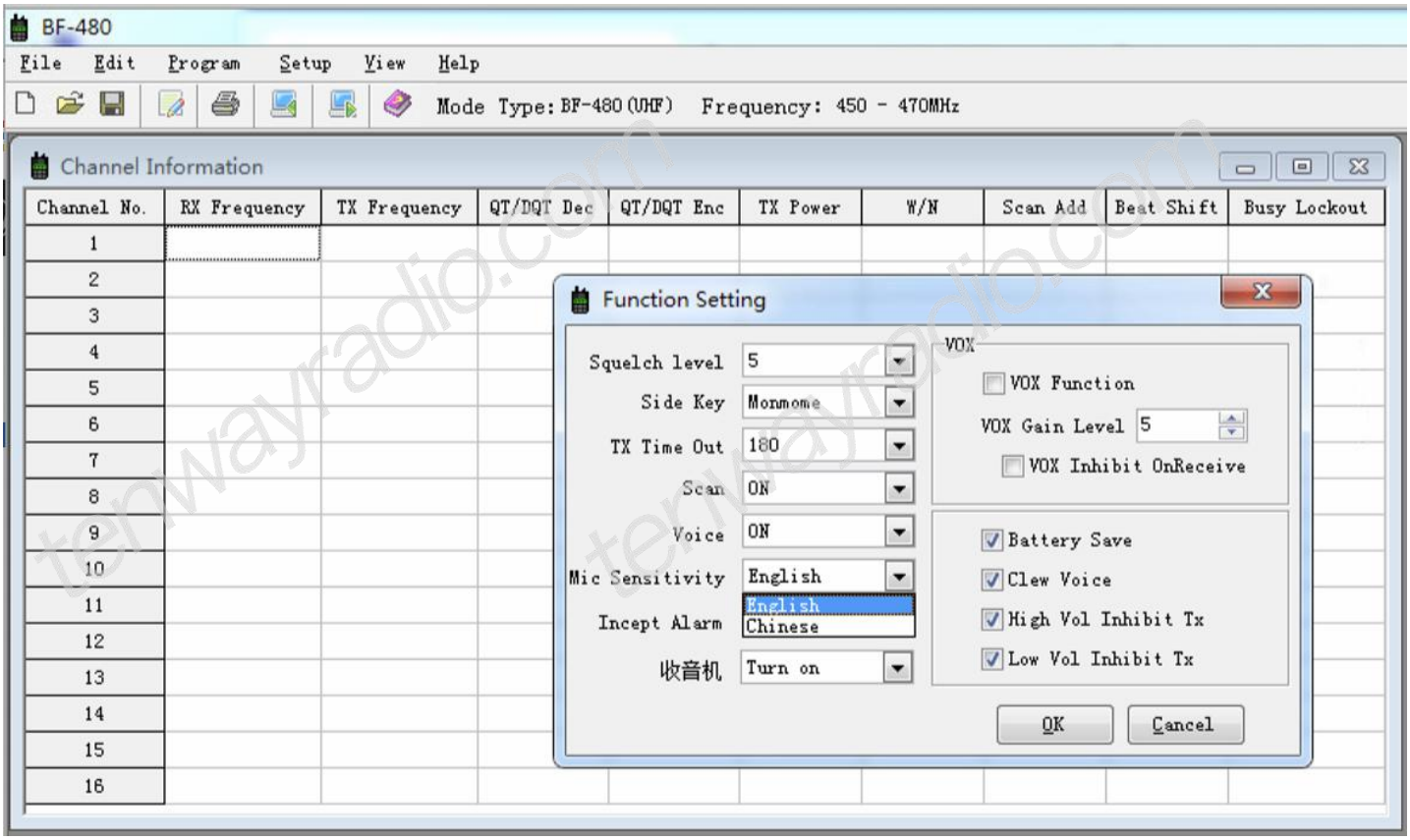
Step5. Function Setting

5.1.1See the Software interface to click **[Edit]** to jump out of the option bar in the option bar is the lowest **[Function Setting]** Click.



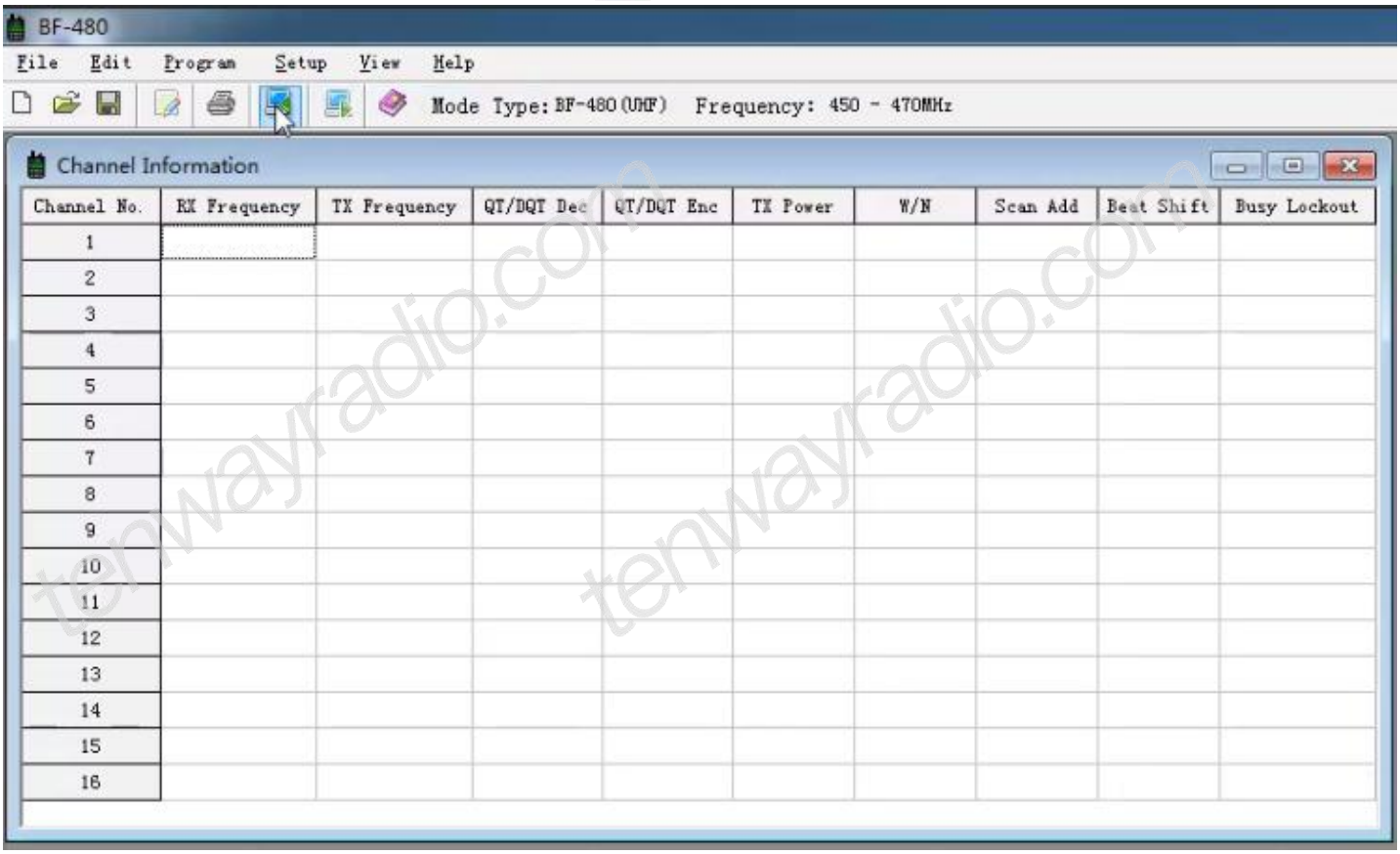
5.1.2 Click to jump out [Function Setting] Window, Find [Mic Sensitivity] to choose **[English]** and then press **[Ok].**

Note: Ensure that the channel broadcast voice is English

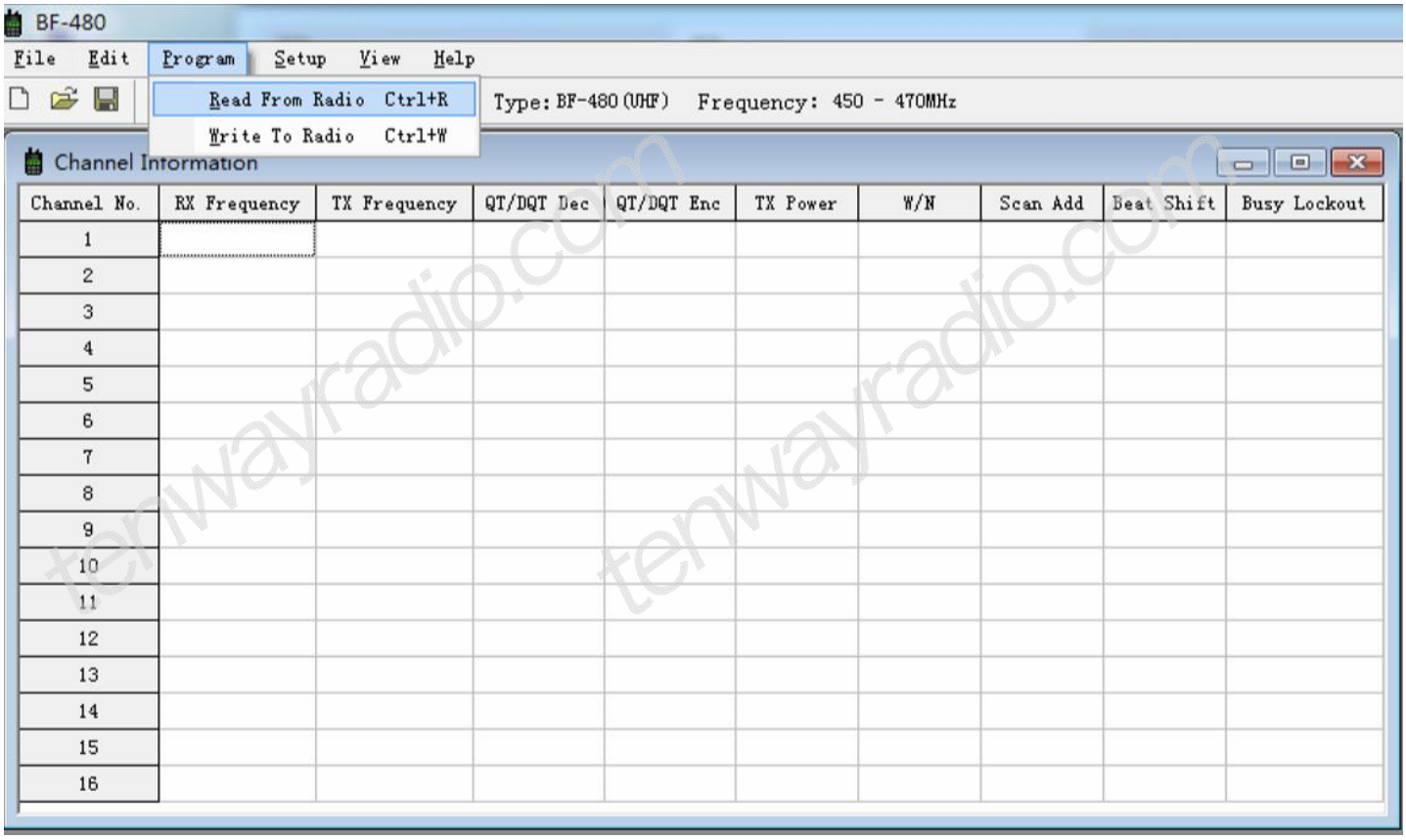


Step6. Read Channel Date form Radio

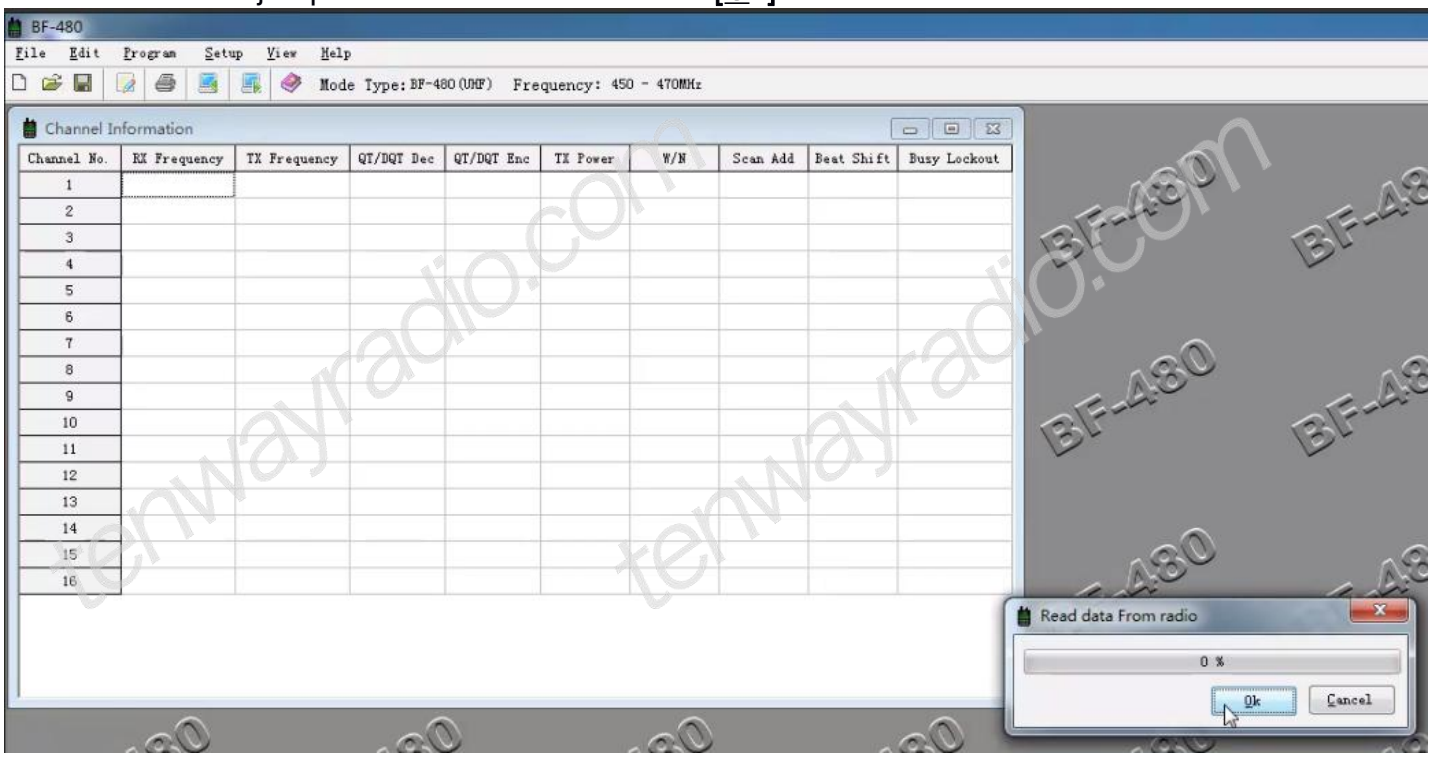
6.1.1 **First operation:** Click Read icon .



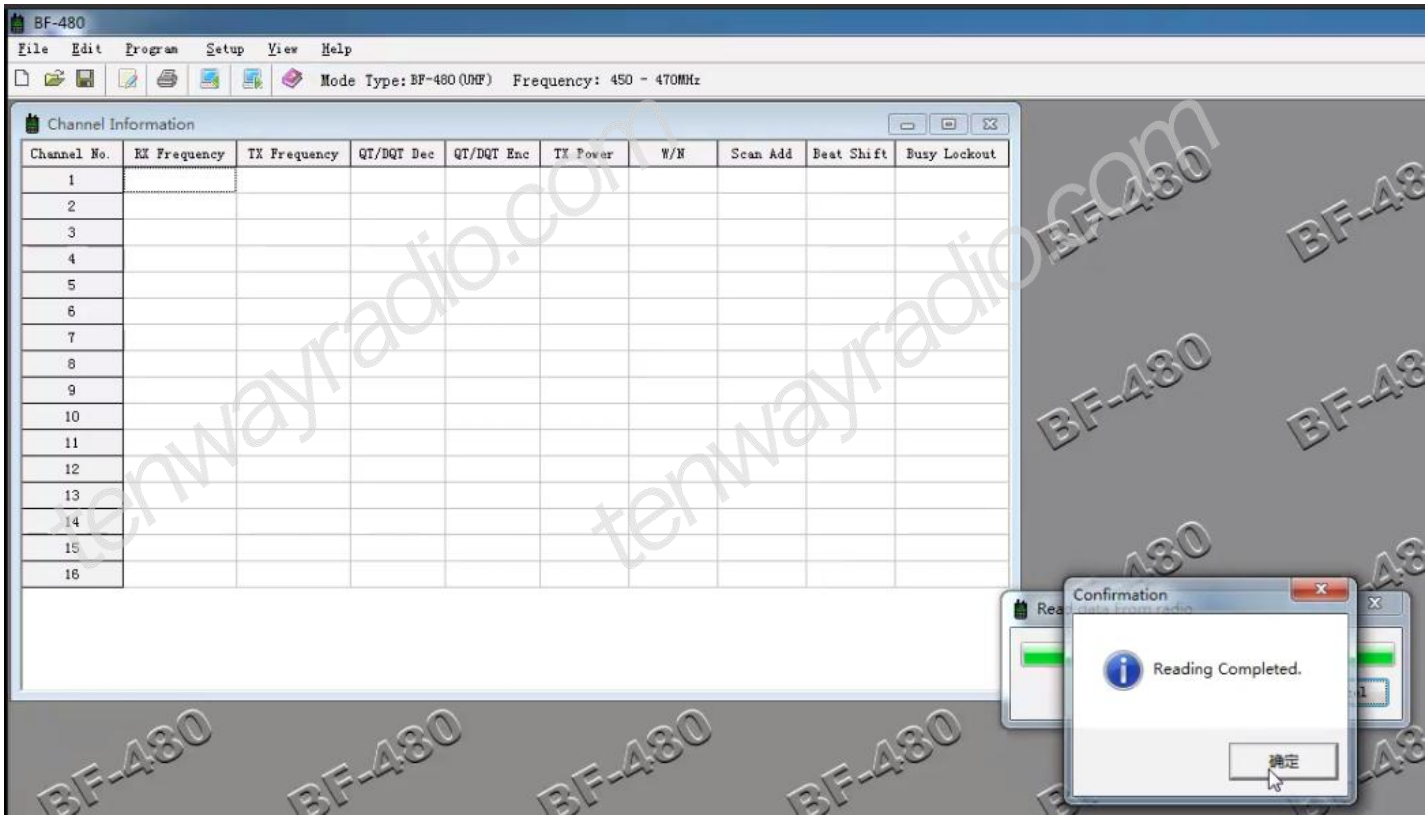
6.1.2 **Second operation:** See the Software interface to click **[Program]** to jump out of the option bar in the option bar is the lowest **[Read From Radio]** Click.



6.2.1 Click to jump out Read date From radio **[Ok]**

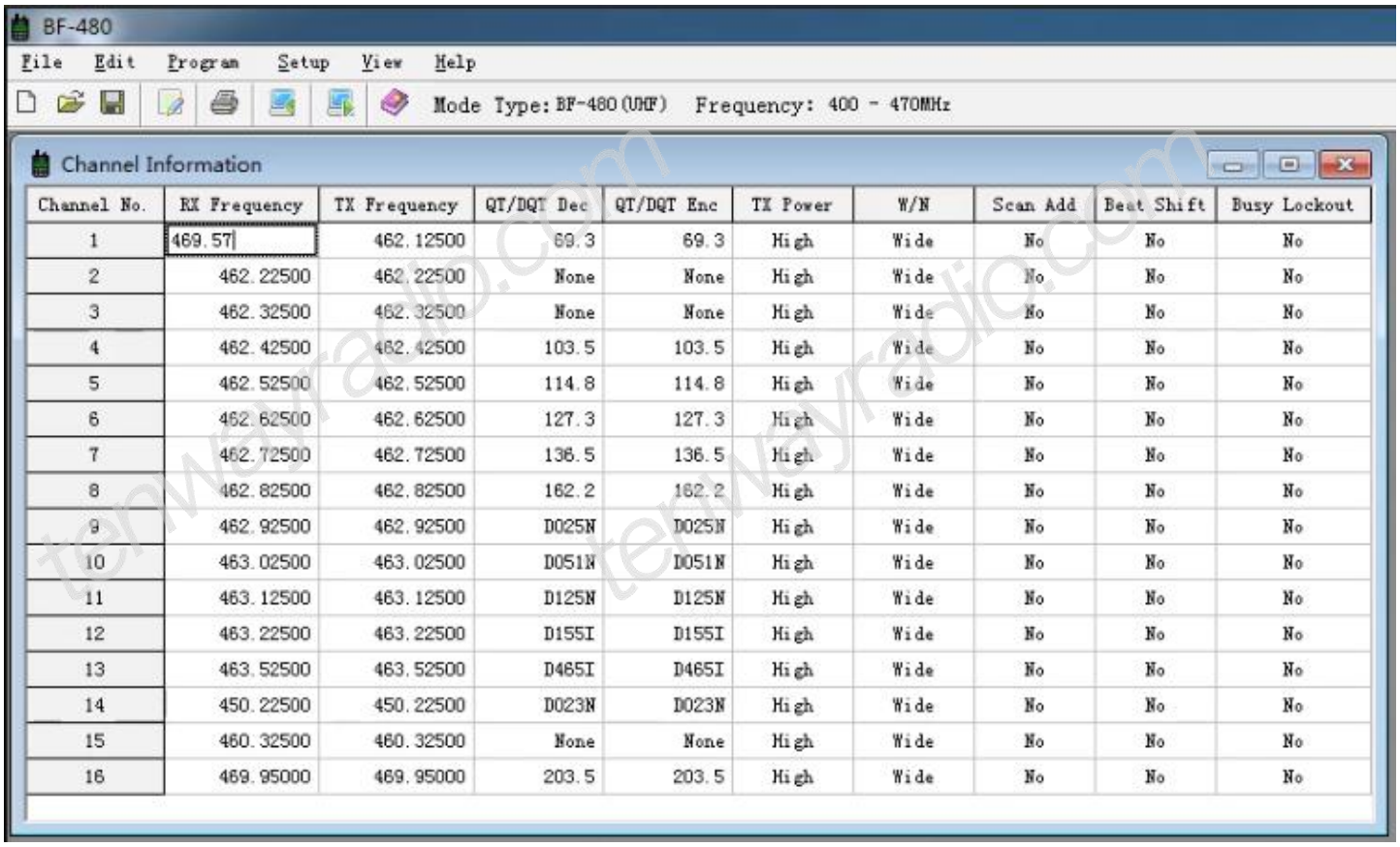


6.1.3 Click to jump out Confirmation-- Reading Completed [确定]



Step7. Edit Channel Date

7.1 Edit RX Frequency and TX Frequency (Keep the same frequency value), Click Frequency box Edit Frequency (400.00000--470.00000MHz) value; Frequency Step (25.0/12.5/6.25/5KHz).

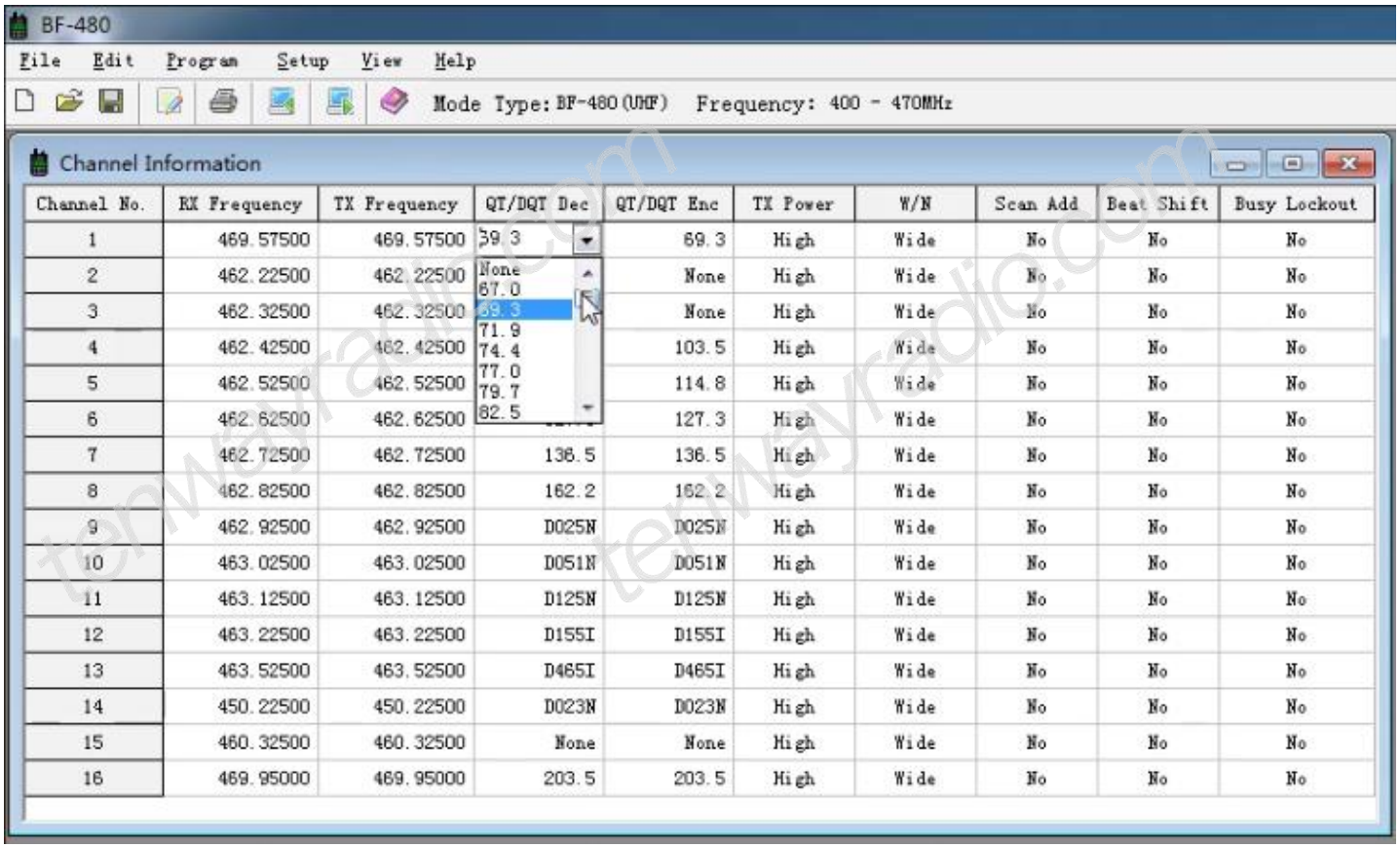


Channel No.	RX Frequency	TX Frequency	QT/DQT Dec	QT/DQT Enc	TX Power	W/N	Scan Add	Beat Shift	Busy Lockout
1	469.57	462.12500	69.3	69.3	High	Wide	No	No	No
2	462.22500	462.22500	None	None	High	Wide	No	No	No
3	462.32500	462.32500	None	None	High	Wide	No	No	No
4	462.42500	462.42500	103.5	103.5	High	Wide	No	No	No
5	462.52500	462.52500	114.8	114.8	High	Wide	No	No	No
6	462.62500	462.62500	127.3	127.3	High	Wide	No	No	No
7	462.72500	462.72500	136.5	136.5	High	Wide	No	No	No
8	462.82500	462.82500	162.2	162.2	High	Wide	No	No	No
9	462.92500	462.92500	D025N	D025N	High	Wide	No	No	No
10	463.02500	463.02500	D051N	D051N	High	Wide	No	No	No
11	463.12500	463.12500	D125N	D125N	High	Wide	No	No	No
12	463.22500	463.22500	D155I	D155I	High	Wide	No	No	No
13	463.52500	463.52500	D465I	D465I	High	Wide	No	No	No
14	450.22500	450.22500	D023N	D023N	High	Wide	No	No	No
15	460.32500	460.32500	None	None	High	Wide	No	No	No
16	469.95000	469.95000	203.5	203.5	High	Wide	No	No	No

Step8. Edit QT/DQT Date

8.1Edit QT/DQT Dec and QT/DQT Enc (Keep the same frequency value).

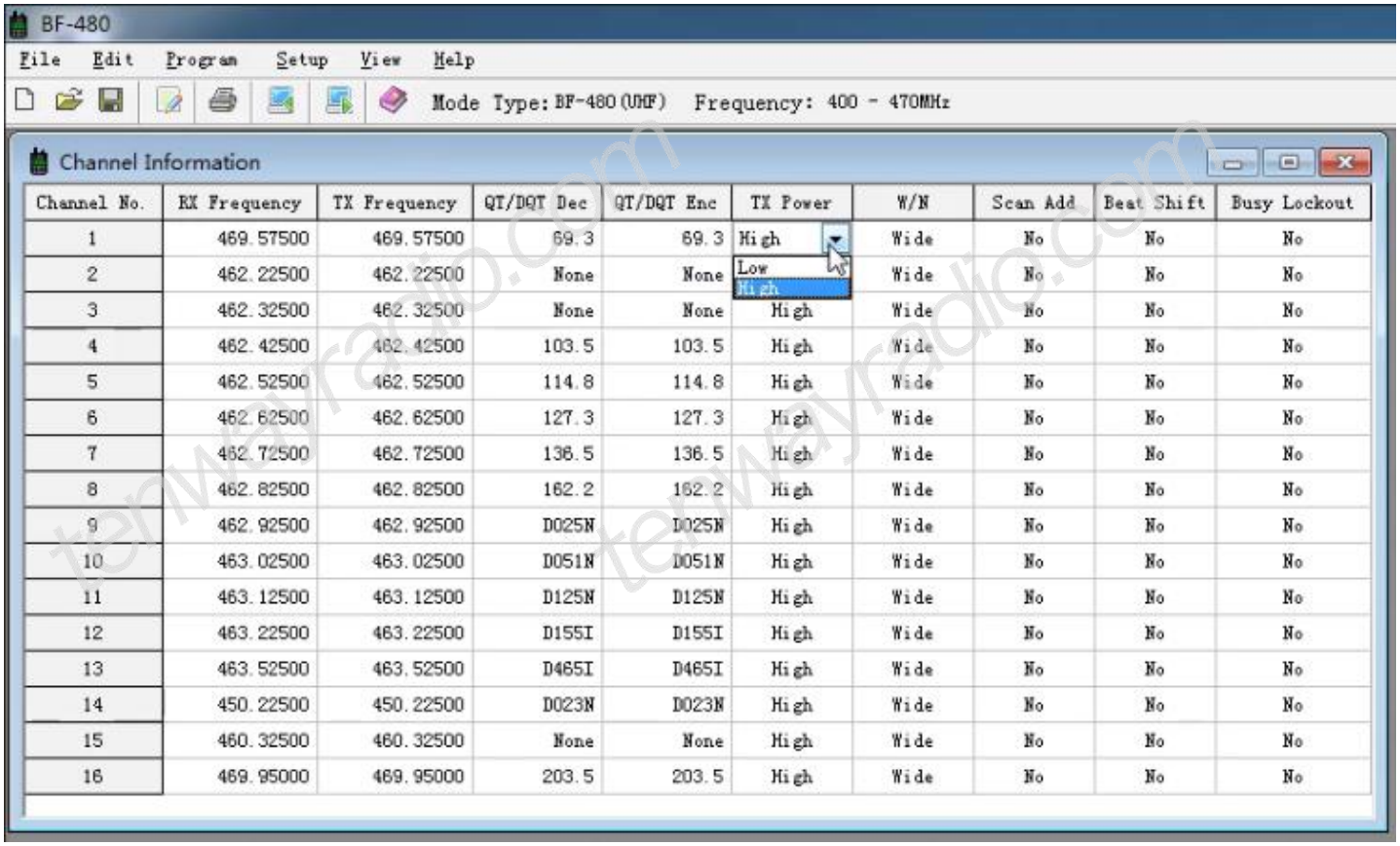
Note: Filtered signal encryption [50 CTCSS] / [105 CDCSS].



Channel No.	RX Frequency	TX Frequency	QT/DQT Dec	QT/DQT Enc	TX Power	W/N	Scan Add	Beat Shift	Busy Lockout
1	469.57500	469.57500	69.3	69.3	High	Wide	No	No	No
2	462.22500	462.22500	None	None	High	Wide	No	No	No
3	462.32500	462.32500	None	None	High	Wide	No	No	No
4	462.42500	462.42500	103.5	103.5	High	Wide	No	No	No
5	462.52500	462.52500	114.8	114.8	High	Wide	No	No	No
6	462.62500	462.62500	127.3	127.3	High	Wide	No	No	No
7	462.72500	462.72500	136.5	136.5	High	Wide	No	No	No
8	462.82500	462.82500	162.2	162.2	High	Wide	No	No	No
9	462.92500	462.92500	D025N	D025N	High	Wide	No	No	No
10	463.02500	463.02500	D051N	D051N	High	Wide	No	No	No
11	463.12500	463.12500	D125N	D125N	High	Wide	No	No	No
12	463.22500	463.22500	D155I	D155I	High	Wide	No	No	No
13	463.52500	463.52500	D465I	D465I	High	Wide	No	No	No
14	450.22500	450.22500	D023N	D023N	High	Wide	No	No	No
15	460.32500	460.32500	None	None	High	Wide	No	No	No
16	469.95000	469.95000	203.5	203.5	High	Wide	No	No	No

Step9. Edit TX Power

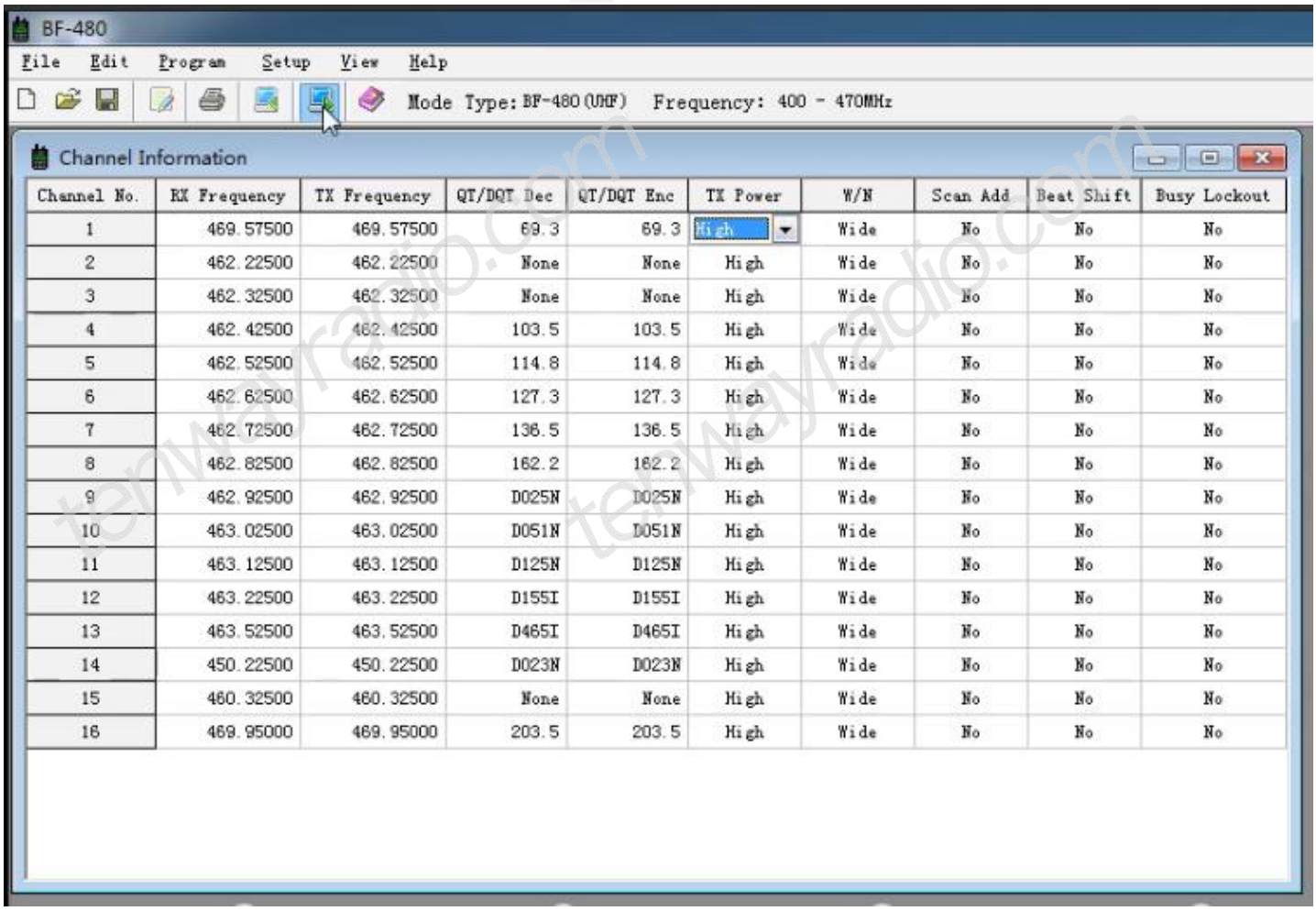
9.1Choose TX Power **[High]** or **[low]**, Note: Recommended to choose **[High].**



Channel No.	RX Frequency	TX Frequency	QT/DQT Dec	QT/DQT Enc	TX Power	W/N	Scan Add	Beat Shift	Busy Lockout
1	469.57500	469.57500	69.3	69.3	High	Wide	No	No	No
2	462.22500	462.22500	None	None	High	Wide	No	No	No
3	462.32500	462.32500	None	None	High	Wide	No	No	No
4	462.42500	462.42500	103.5	103.5	High	Wide	No	No	No
5	462.52500	462.52500	114.8	114.8	High	Wide	No	No	No
6	462.62500	462.62500	127.3	127.3	High	Wide	No	No	No
7	462.72500	462.72500	136.5	136.5	High	Wide	No	No	No
8	462.82500	462.82500	162.2	162.2	High	Wide	No	No	No
9	462.92500	462.92500	D025N	D025N	High	Wide	No	No	No
10	463.02500	463.02500	D051N	D051N	High	Wide	No	No	No
11	463.12500	463.12500	D125N	D125N	High	Wide	No	No	No
12	463.22500	463.22500	D155I	D155I	High	Wide	No	No	No
13	463.52500	463.52500	D465I	D465I	High	Wide	No	No	No
14	450.22500	450.22500	D023N	D023N	High	Wide	No	No	No
15	460.32500	460.32500	None	None	High	Wide	No	No	No
16	469.95000	469.95000	203.5	203.5	High	Wide	No	No	No

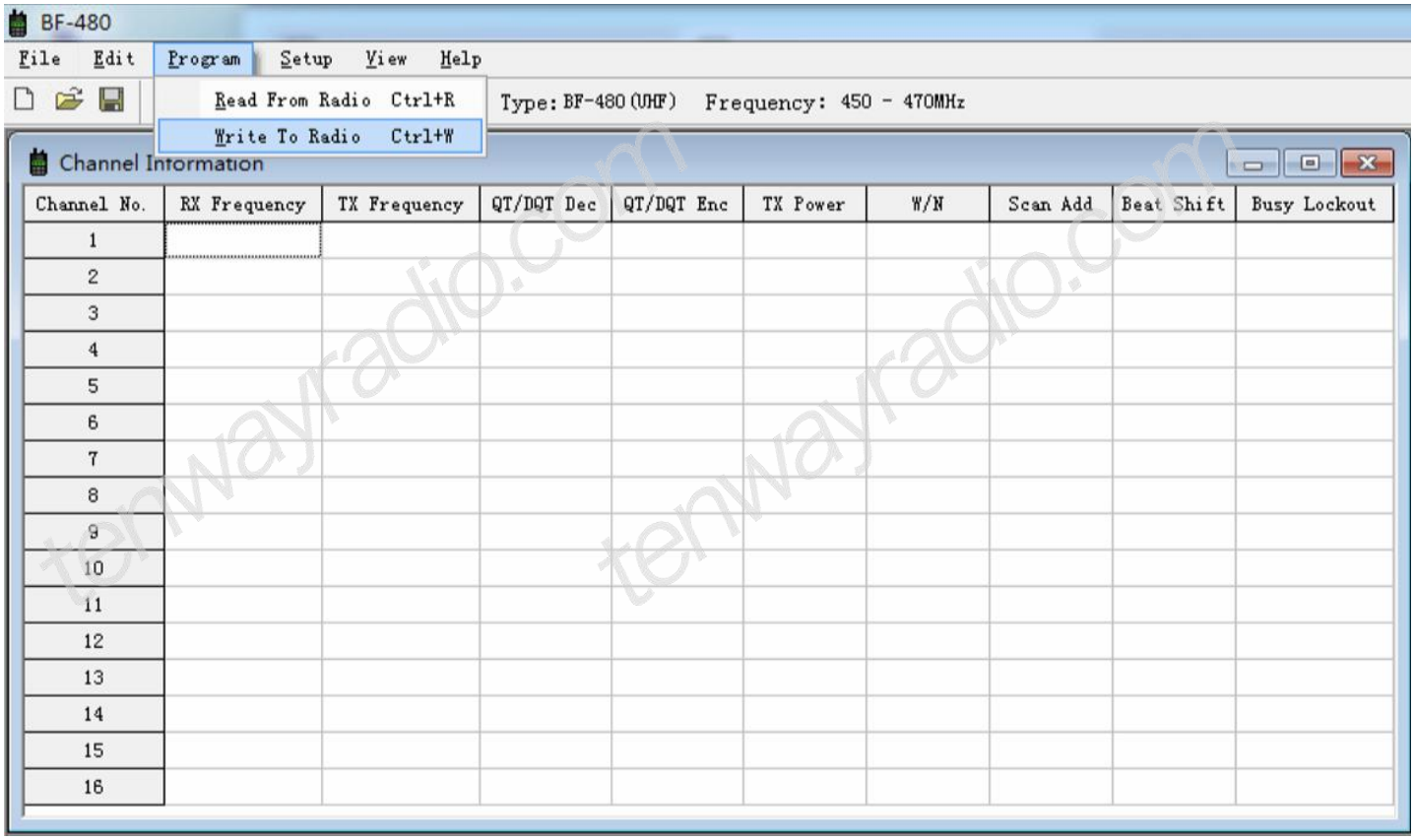
Step10. Write Channel Date to Radio

10.1.1 **First operation:** Click Write icon .



Channel No.	RX Frequency	TX Frequency	QT/DQT Dec	QT/DQT Enc	TX Power	W/N	Scan Add	Beat Shift	Busy Lockout
1	469.57500	469.57500	69.3	69.3	High	Wide	No	No	No
2	462.22500	462.22500	None	None	High	Wide	No	No	No
3	462.32500	462.32500	None	None	High	Wide	No	No	No
4	462.42500	462.42500	103.5	103.5	High	Wide	No	No	No
5	462.52500	462.52500	114.8	114.8	High	Wide	No	No	No
6	462.62500	462.62500	127.3	127.3	High	Wide	No	No	No
7	462.72500	462.72500	136.5	136.5	High	Wide	No	No	No
8	462.82500	462.82500	162.2	162.2	High	Wide	No	No	No
9	462.92500	462.92500	D025N	D025N	High	Wide	No	No	No
10	463.02500	463.02500	D051N	D051N	High	Wide	No	No	No
11	463.12500	463.12500	D125N	D125N	High	Wide	No	No	No
12	463.22500	463.22500	D155I	D155I	High	Wide	No	No	No
13	463.52500	463.52500	D465I	D465I	High	Wide	No	No	No
14	450.22500	450.22500	D023N	D023N	High	Wide	No	No	No
15	460.32500	460.32500	None	None	High	Wide	No	No	No
16	469.95000	469.95000	203.5	203.5	High	Wide	No	No	No

10.1.2 **Second operation:** See the Software interface to click **[Program]** to jump out of the option bar in the option bar is the lowest **[Write To Radio]** Click.



Channel No.	RX Frequency	TX Frequency	QT/DQT Dec	QT/DQT Enc	TX Power	W/N	Scan Add	Beat Shift	Busy Lockout
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									

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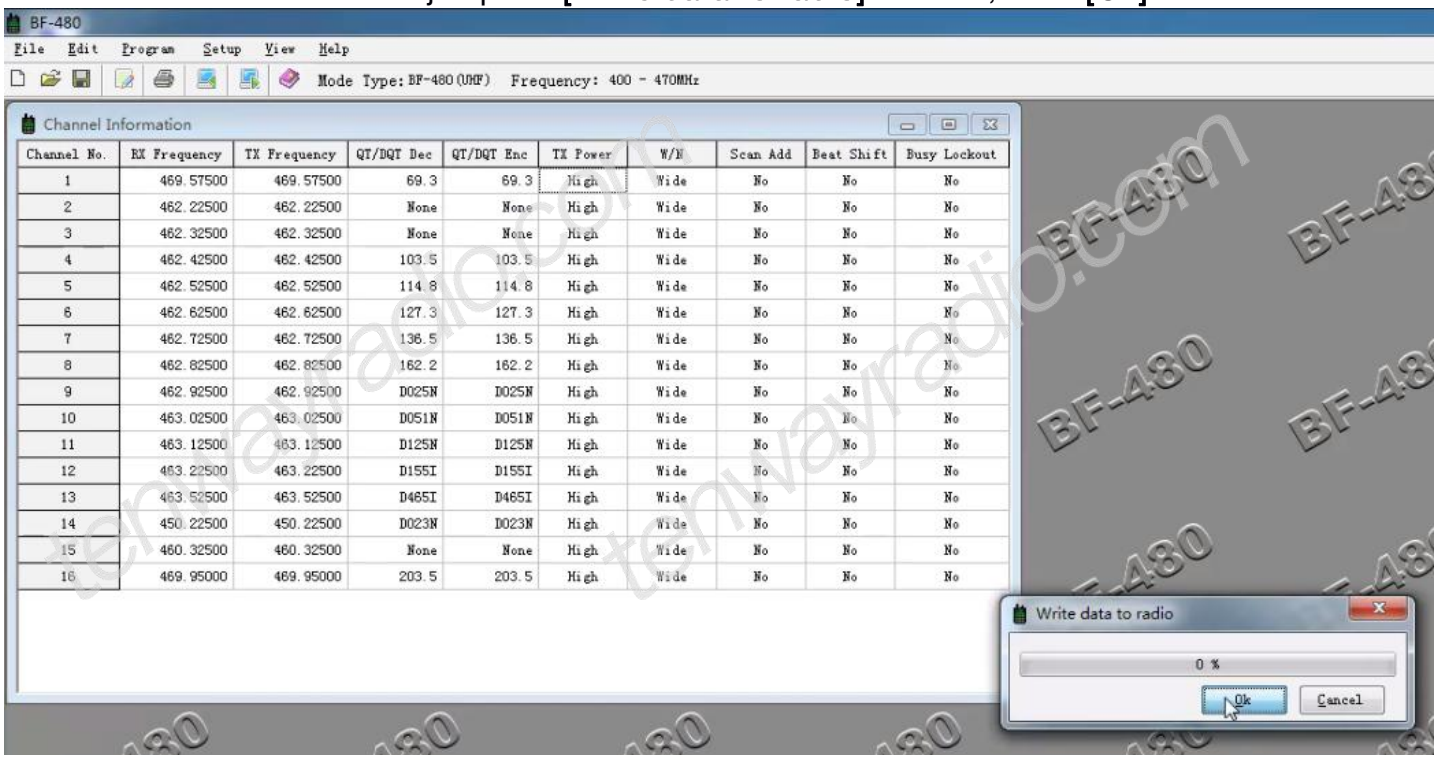
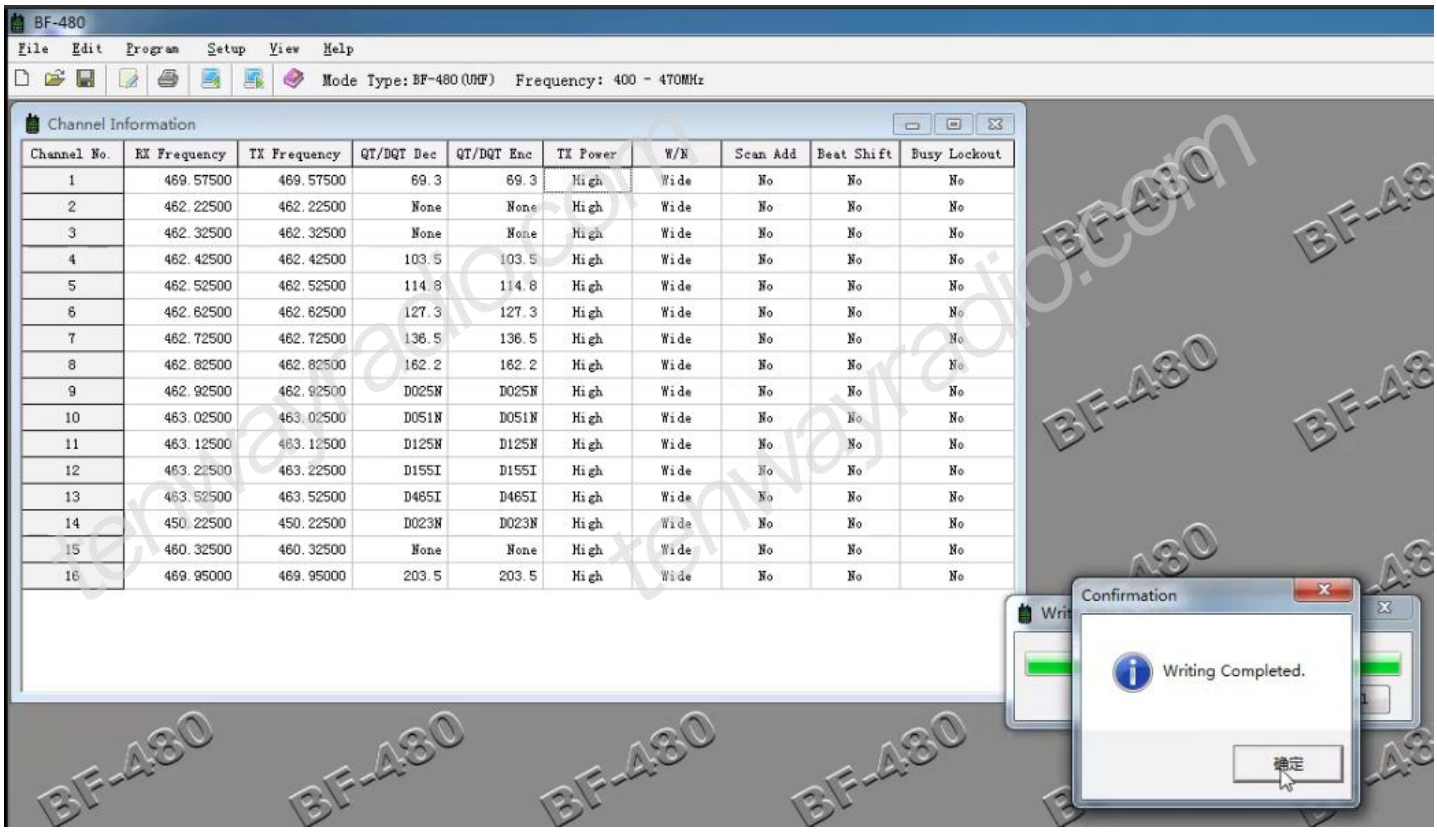
10.2.1 Software interface jump out **[Write data to radio]** window, Click **[Ok]**.



10.3.1 Software interface jump out **[Confirmation]--[Writing Completed]** window, Click **[确定]**.



Success