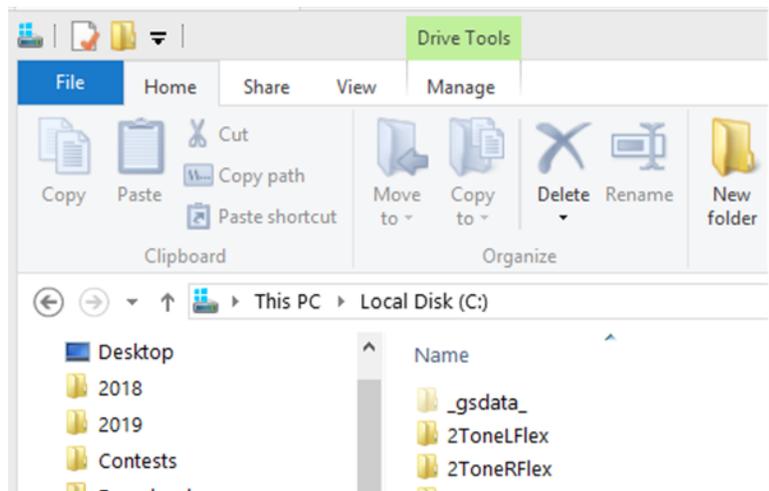
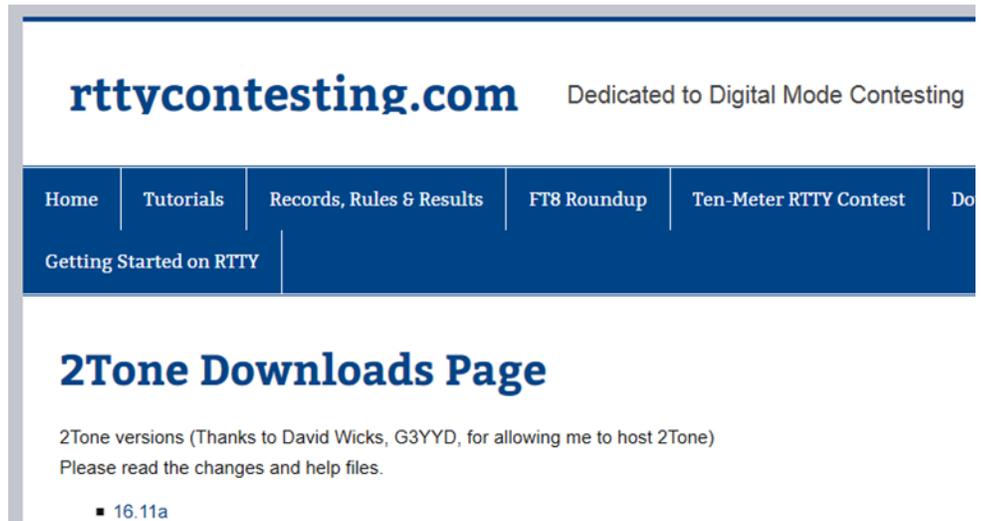


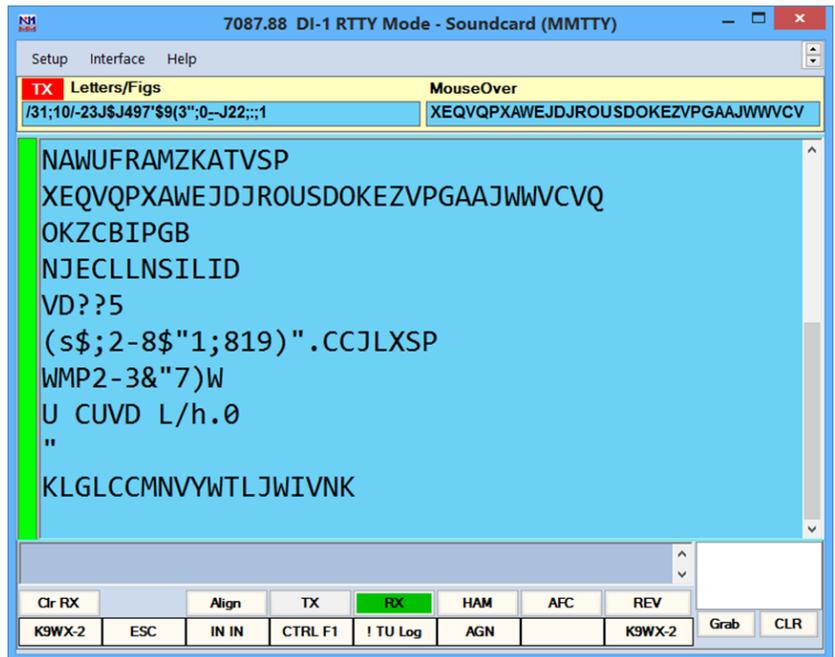
Setting Up a Second RTTY Decoder — K9WX

I use MMTTY as my first decoder with N1MM+ and also use MMTTY to transmit my AFSK signal. I use 2Tone as a second decoder. It's not a case of one decoder being better than the other, both are good. It's a case of one sometimes being better than the other depending on what the band conditions are at the time of the decode, the proverbial "two heads are better than one" concept. Here's how I set it up.

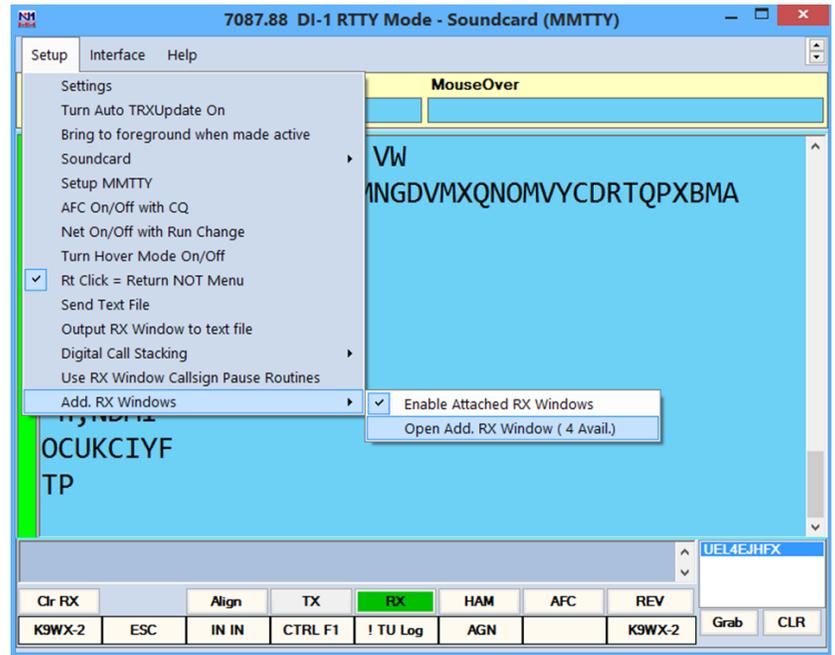
1. Download a copy of 2Tone. I use <https://www.rttycontesting.com/downloads/2tone/>
2. Open the zip file with Windows Explorer. You will find three PDF files and a text file included, all with "how to" instructions. The N1MM Install PDF file assumes you will use 2Tone for transmit, which I have not done. I use MMTTY to transmit and as my first decoder with 2Tone only working as a second decoder. Setting up 2Tone to decode only is a much simpler process.
3. Create a new folder and copy the 2Tone.exe file to it. My 2Tone folder is on my C: drive. I actually have 2 folders since I operate SO2R and you need a separate copy of 2Tone for each radio.



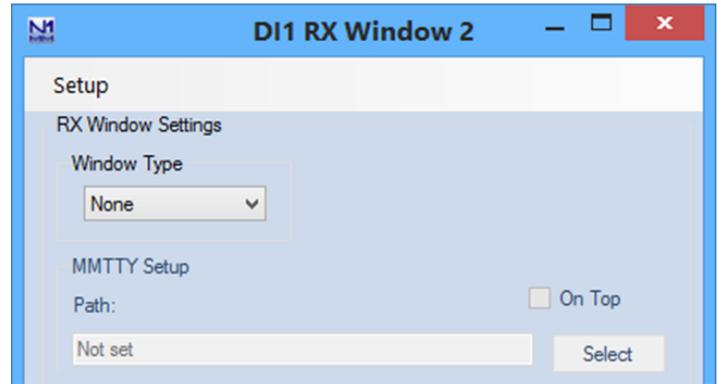
- Open N1MM+. Assuming you have already set up for RTTY with MMTTY as your RTTY software, your DI window will look something like this.



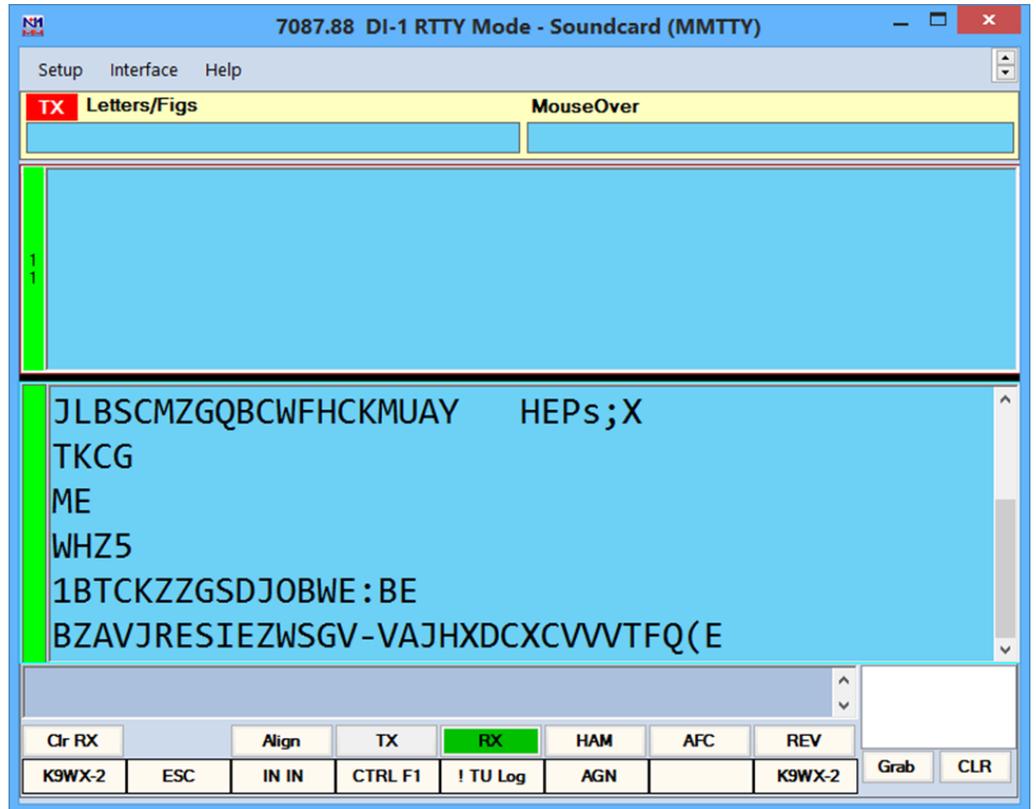
- In the DI Window go to Setup, ADD. RX Windows and click on Enable Attached RX Windows
Go back to Setup, Add. RX Windows and this time click on Open Add. RX Window and a setup window will open for 2Tone



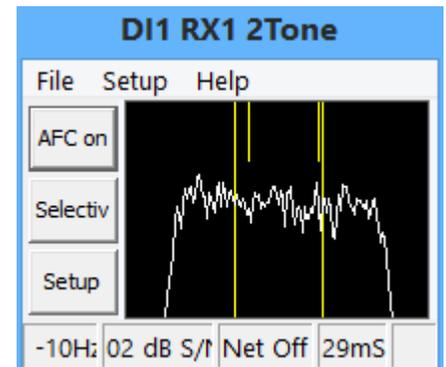
- For Window Type select MMTTY (even though you are using 2Tone) and then use the Select button just below that to navigate to the 2Tone.exe file you installed in step 3 above. Close this dialog window and close and restart your DI window if it doesn't close and restart on its own.



- When restarted the DI window should look something like this. The bottom decode area is for MMTTY and the top decode area is for 2Tone.



- A 2Tone window should also open.



9. You will need to go into the 2Tone Set-up menu and click on Settings to tell 2Tone where to find your receive audio. I don't think it matters what you do with the TX settings as those are ignored since you have not set up 2Tone as your TX application.

