

Subject: [Radio JOVE] RX888 SDR to Spectrograph Program

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Date: 8/18/26 02:05

To: radio-jove@groups.io

Hear Ye!

I know there is some love in this group for the RX888 SDR. There is now a program that acts as a bridge between that SDR and Radio-Sky Spectrograph (RSS). I have only done limited testing but it seems to work great and even installed on my older slower computer. Download and run:

https://radiosky.com/spec/Install_RX888toRSS.exe

This is a 64 bit program that requires the dot Net 10 runtime. If you do not have dot Net 10, you will be prompted to download and run it. It doesn't take long to install.

Currently RSS doesn't know about RX888toRSS, so you will have to click on the **RX888toRSS** shortcut to start it. In RSS set the Receiver to **TCP Bridge**. You will need to install *RAM based firmware* for your RX888 MkII SDR, every time you power it on. I just learned this stuff but it may be something routine for you veteran RX888ers, the program makes reloading the firmware a breeze and it uses a local copy so you don't need to go to Infineon for anything. You can observe 0 to 32 MHz band if you wish but it will be frequency averaged to fit into the current 512 channel limit. I am working on the next version of RSS which will allow 1024 channels, record 16 bit ADC values, and know how to open RX888toRSS so you won't have to. I will try to write this up more formally soon. Feedback wanted.

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