

Subject: [Radio JOVE] First update to RX888toRSS #Calibrator #file-notice
From: "Jim Sky" <radiosky@radiosky.com>
Date: 8/31/26 19:35
To: radio-jove@groups.io

After using the RX888 for a while I found that Jim Brown's question of how to adjust the RX888toRSS data stream for best fit with sensitivity and dynamic range was spot on, that is, I could not adjust the RX888 output for the best calibration plot with the original controls. So I added an offset and "Math Gain" box to allow adjustment. Offset is applied before the signal multiplying Math Gain. Also note that you can select 16 bit output for the data. With these changes I was able to produce almost perfect calibration plots. Note the slider goes with the Output Offset.

The new package can be downloaded from https://radiosky.com/spec/Install_RX888toRSS-0-1-1.exe

RX888toRSS - 0.1.1

RX888 MkII to Radio-Sky Spectrograph Bridge

Start MHz: 6.000000 Stop MHz: 13.984375 Attenuation dB: 3.0 VGA (0-255): 150 ☐ Show Test Buttons RSS output

Output offset: 0 Math gain: 1.00 16-bit

Detect RX888 Load Firmware Start Live RSS

RX888 not found

No RX888 bootloader or operational receiver was found.
Check its power, USB cable, and USB 3 port, then click Detect RX888.

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