

Subject: Re: RTL Bridge 1.2.0

From: Jim Sky <radiosky@radiosky.com>

Date: 03/27/2015 00:17

To: Dave Typinski <davetyp@typnet.net>, JB <starmanjb@comcast.net>

CC: Richard Flagg <rf@hawaii.rr.com>, Wes Greenman <jugazer@windstream.net>, Thomas Ashcraft <ashcraft@heliotown.com>, Andrew Mount <capeorion@gmail.com>, Jim Thieman <jt1203@aol.com>, Francisco Reyes <reyes@astro.ufl.edu>, Chuck Higgins <chiggins@mtsu.edu>, "Whitham D. Reeve" <whit@reeve.com>

I just noticed that the number of FFTs to average wasn't really slowing it down. It is just humming at 20 spectra/sec.

On 3/26/2015 11:37 PM, Jim Sky wrote:

You can download the update for RTL Bridge at:

http://radiosky.com/spec/RTL_Bridge_Update_1_2_0.exe

This is the new version where I feed the FFT with the right amount of data. I think the result looks cleaner and much more like SDR#. So I think this simple change is significant. Let me know what you think. I will wait a couple of days before I make the update public. I also think that Jim Browns observation about the importance of backing off the RF gain in the dongle configuration is pretty important. Oh, on my PC it runs twice as fast as the old version. I had to bump up FFT averages to 50 to get back to 10 spectra/sec.

Aloha,
Jim S