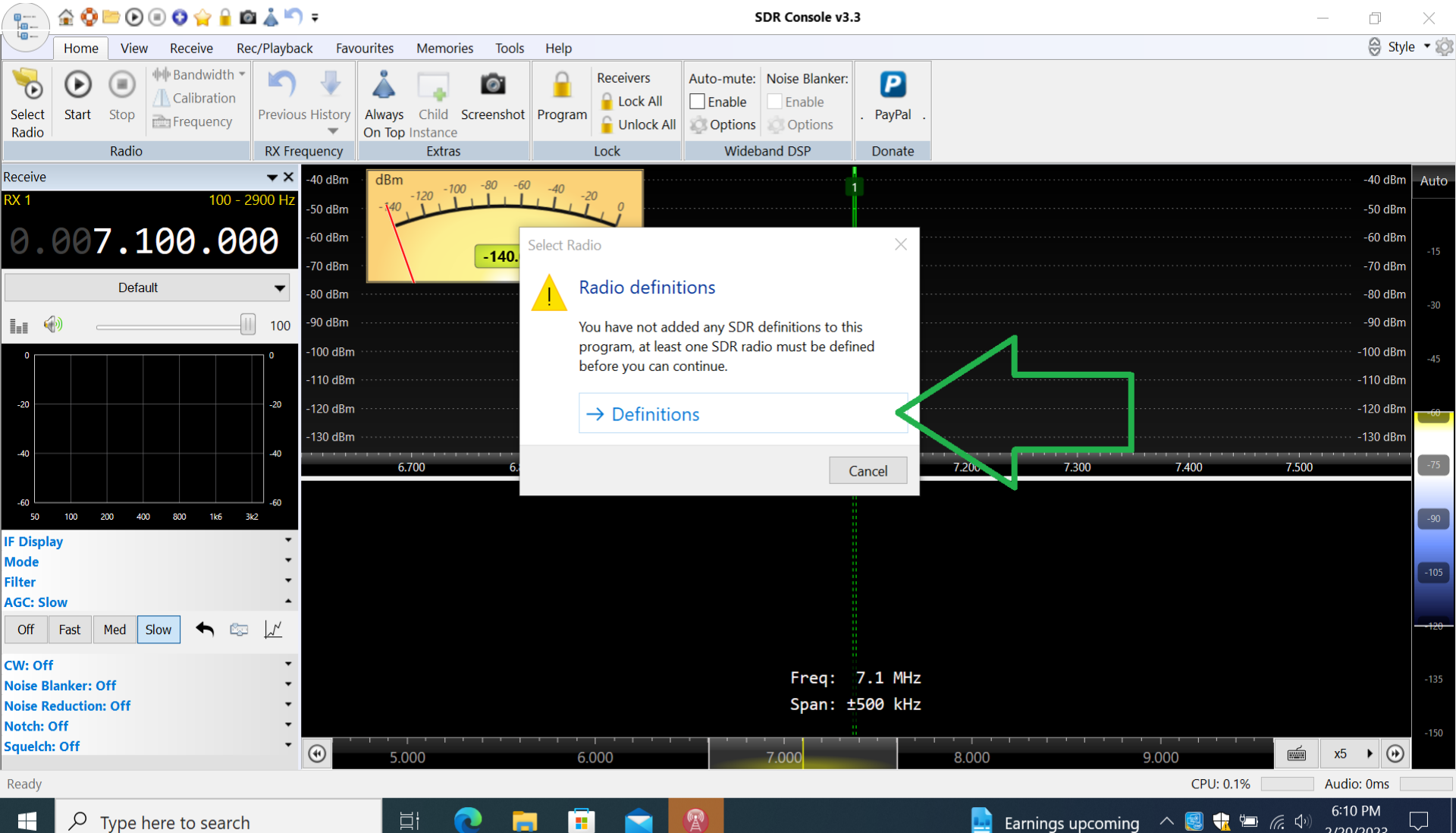
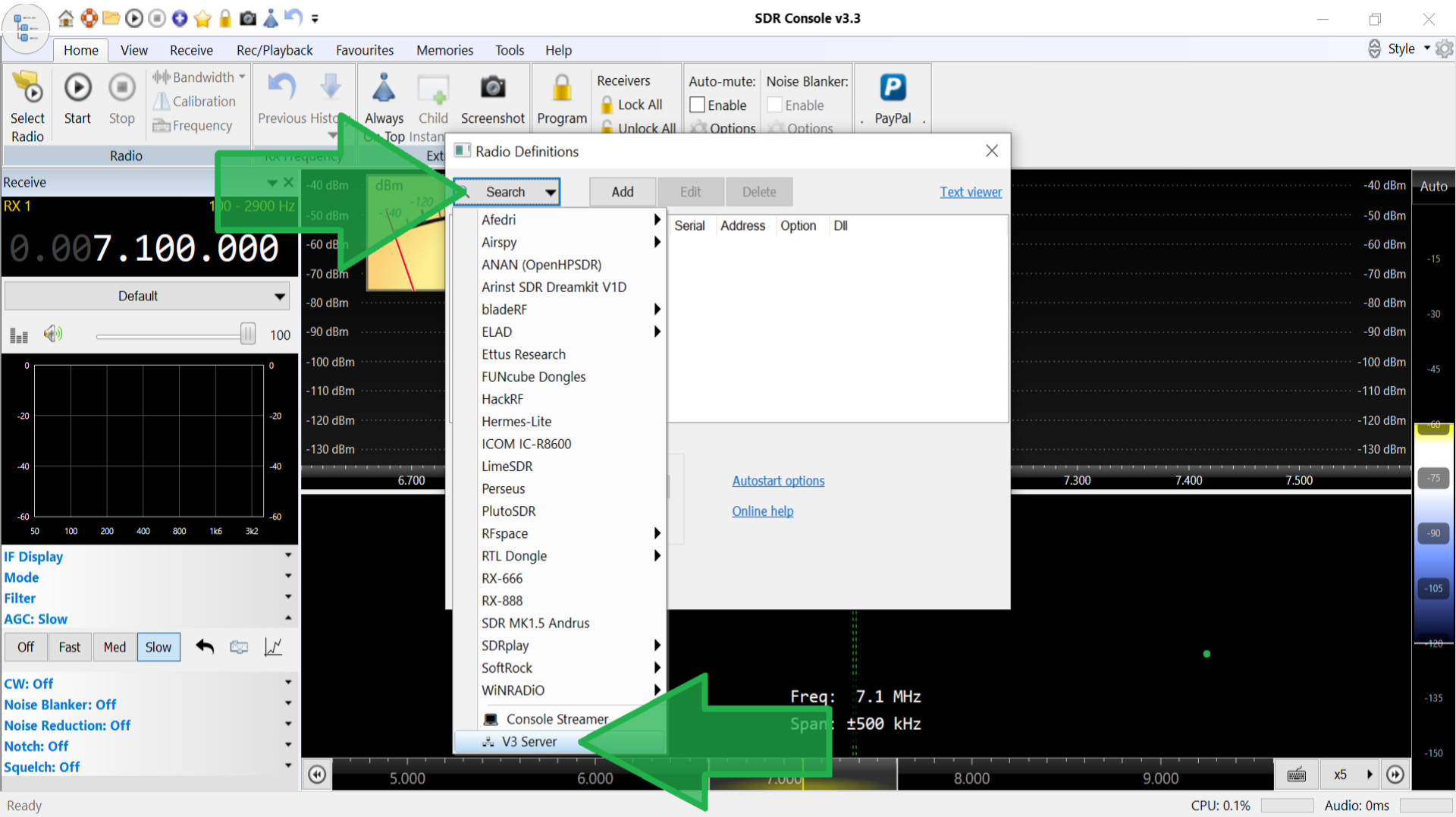
Using SDR Console's Remote Servers
A "How To" Guide by
KA1GJU - 2/20/2023

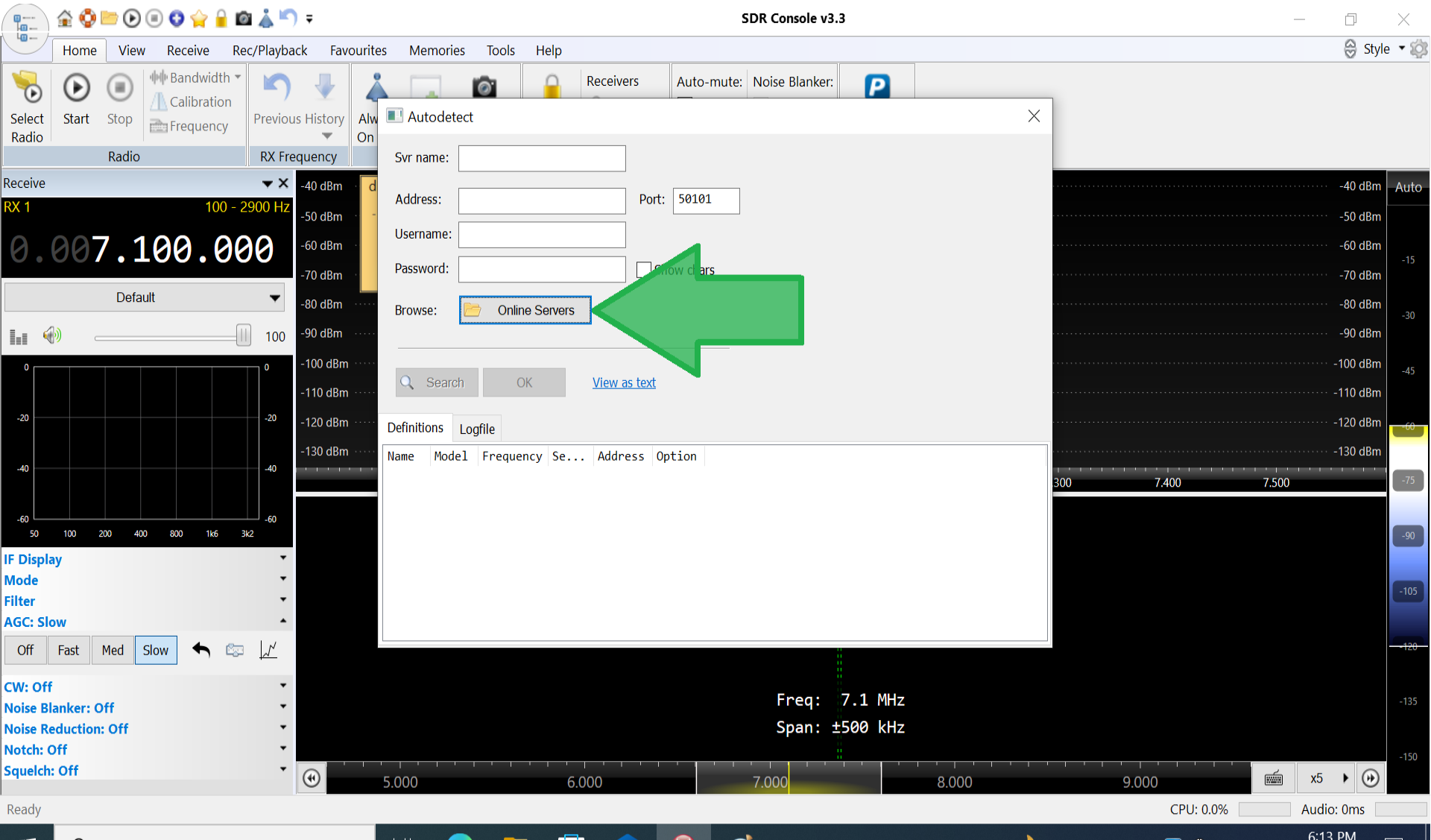
Upon starting SDRC, there are no definitions for local or remote (via SDRC Server), so click on Definitions.



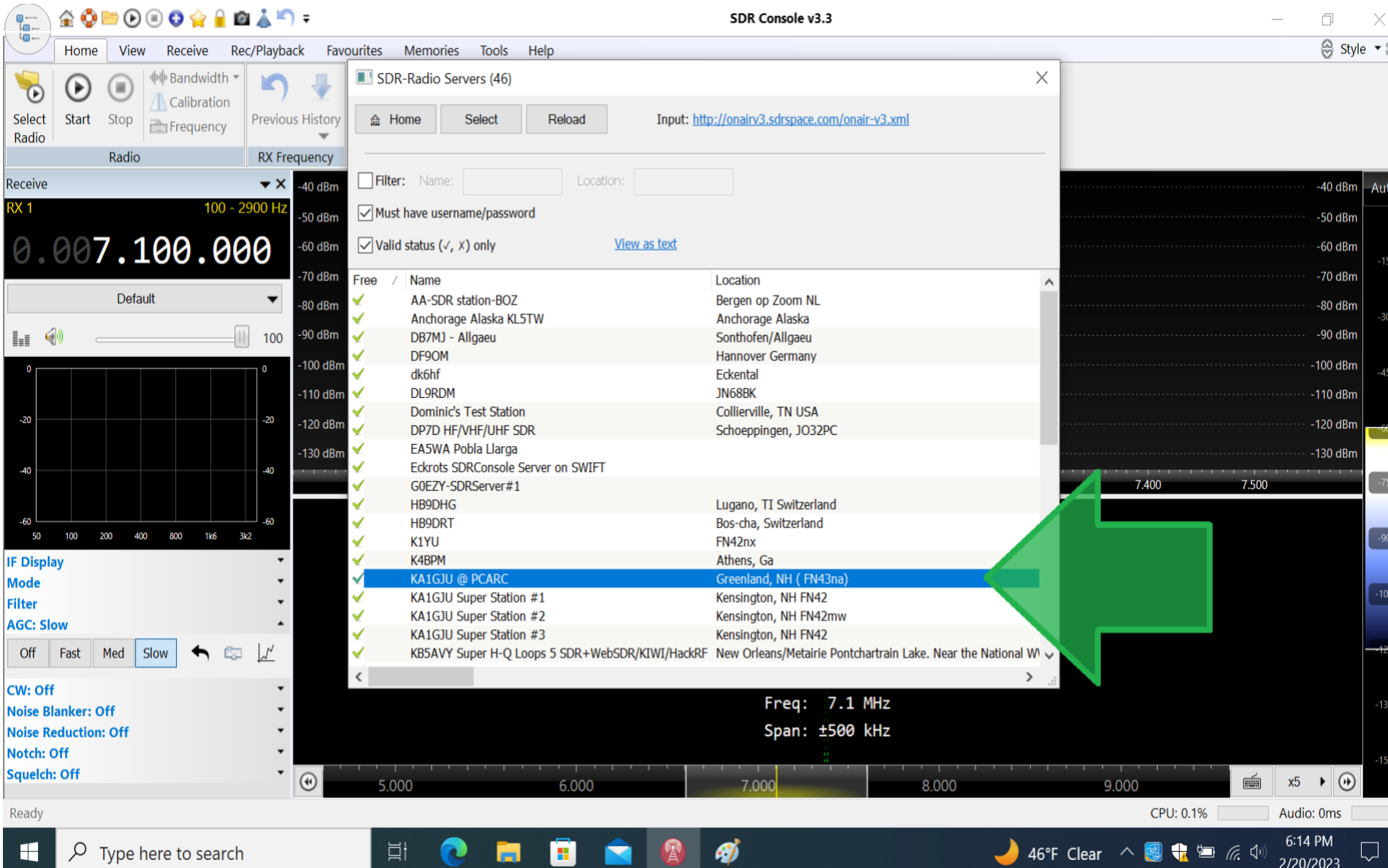
First click on search, then at the very bottom, click on “V3 Server”.



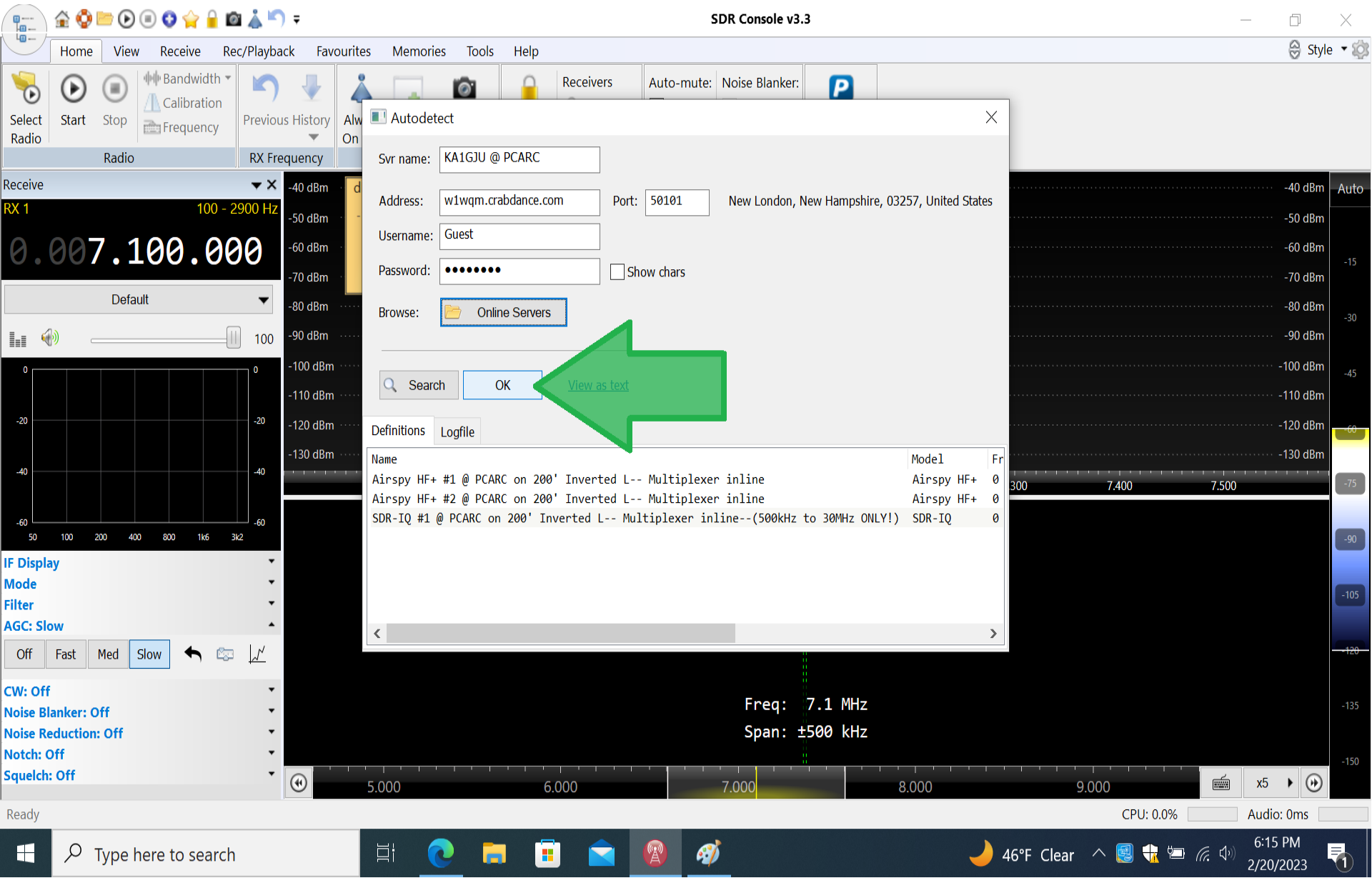
Click on Online Servers to obtain a list of all SDRC Servers from Simon's master server. This takes time...



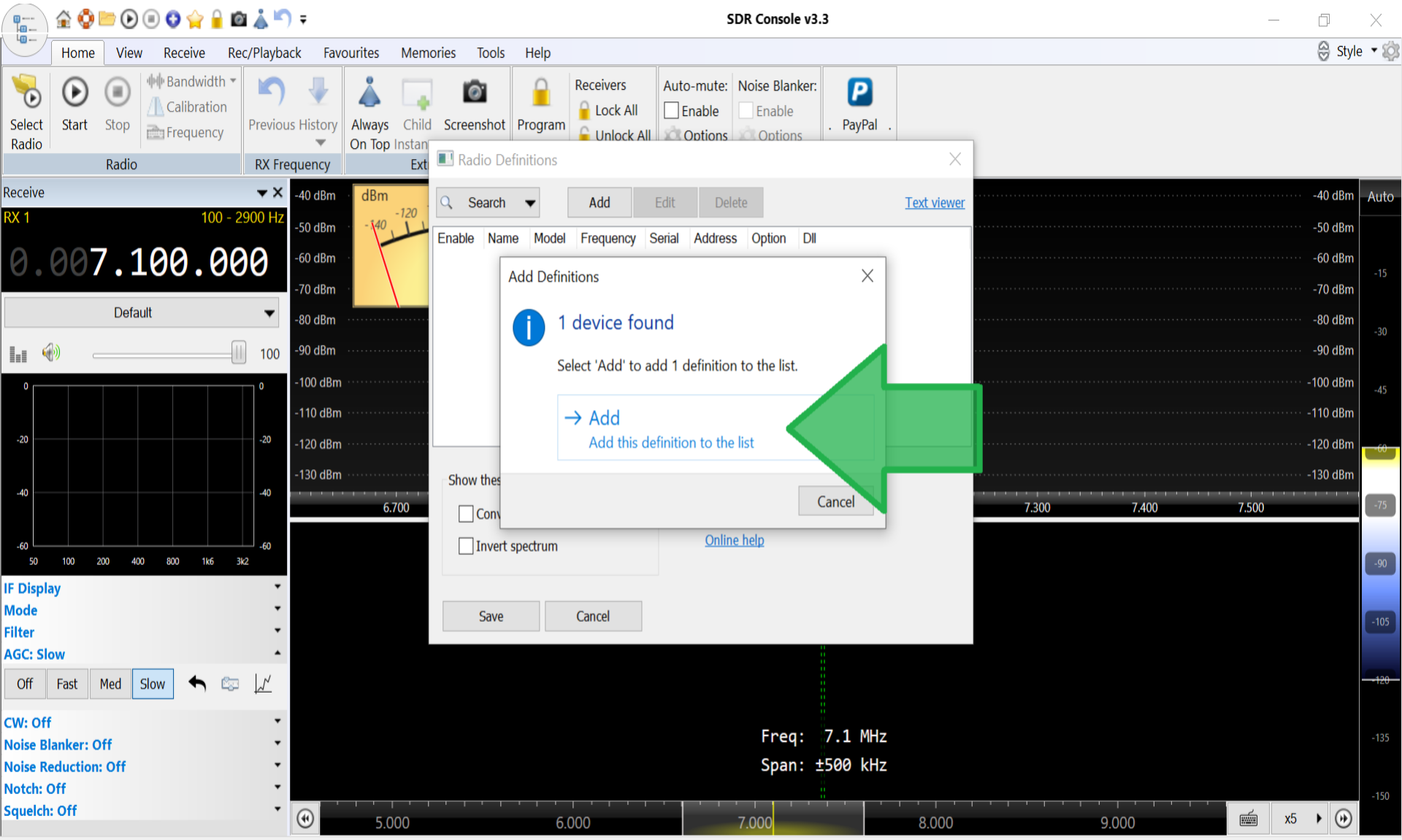
Once the list populates, scroll to the desired server and double left click or one click and hit select above.



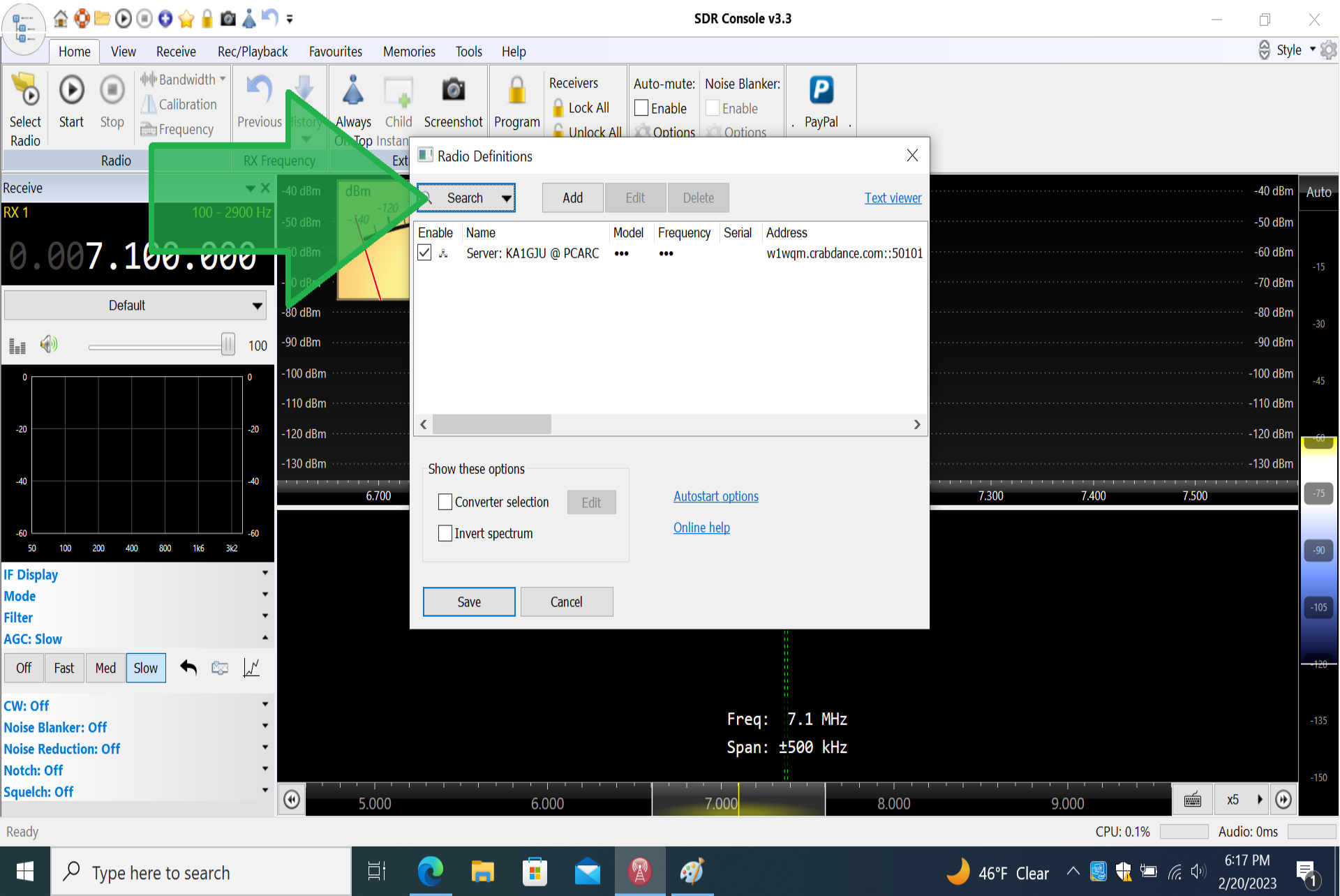
Once a server is selected, a list of available SDR's hosted by that server will appear. Hit OK.



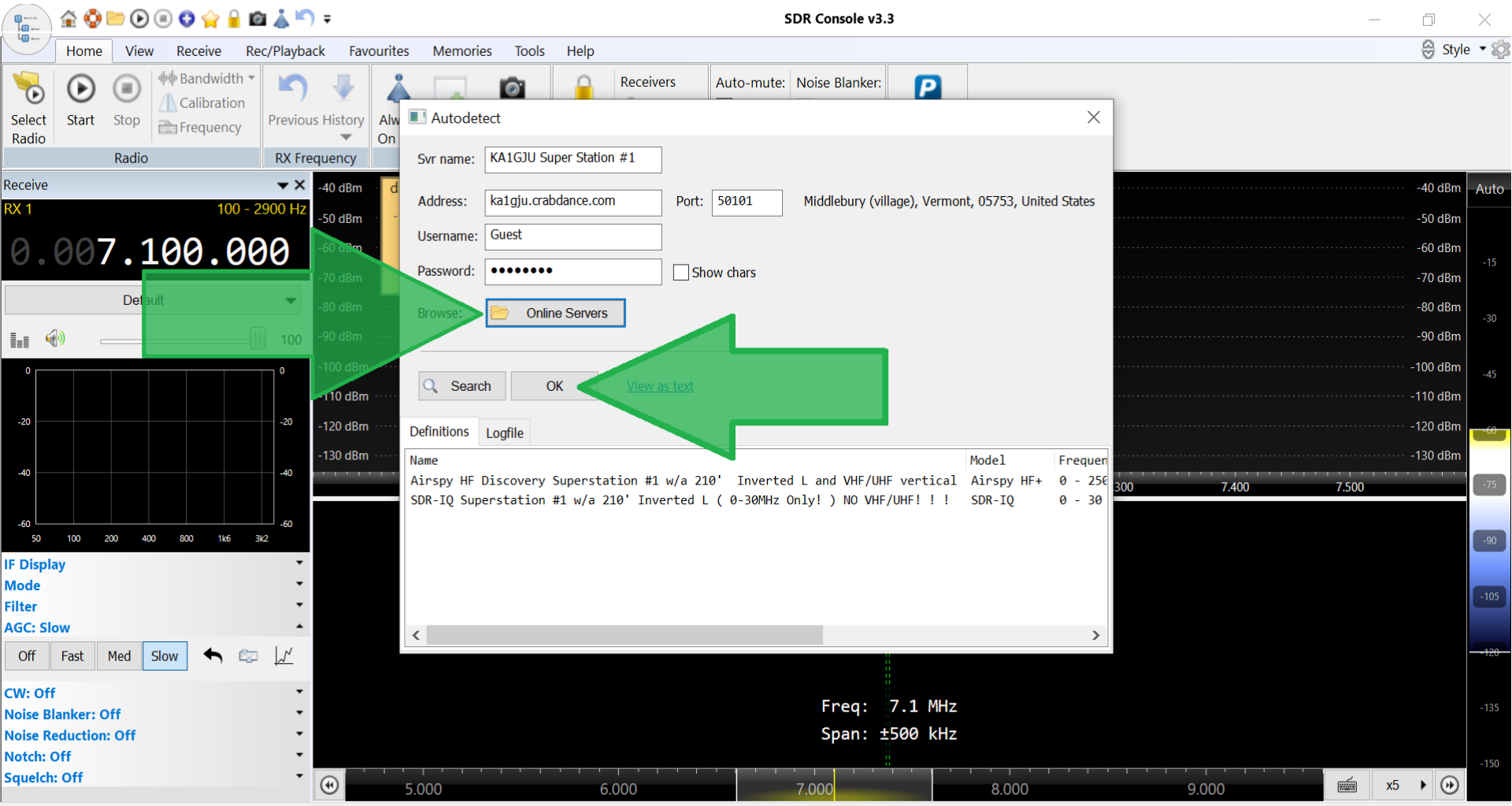
A pop up window appears, and because this is the first and ONLY definition, you can only click on “Add”.



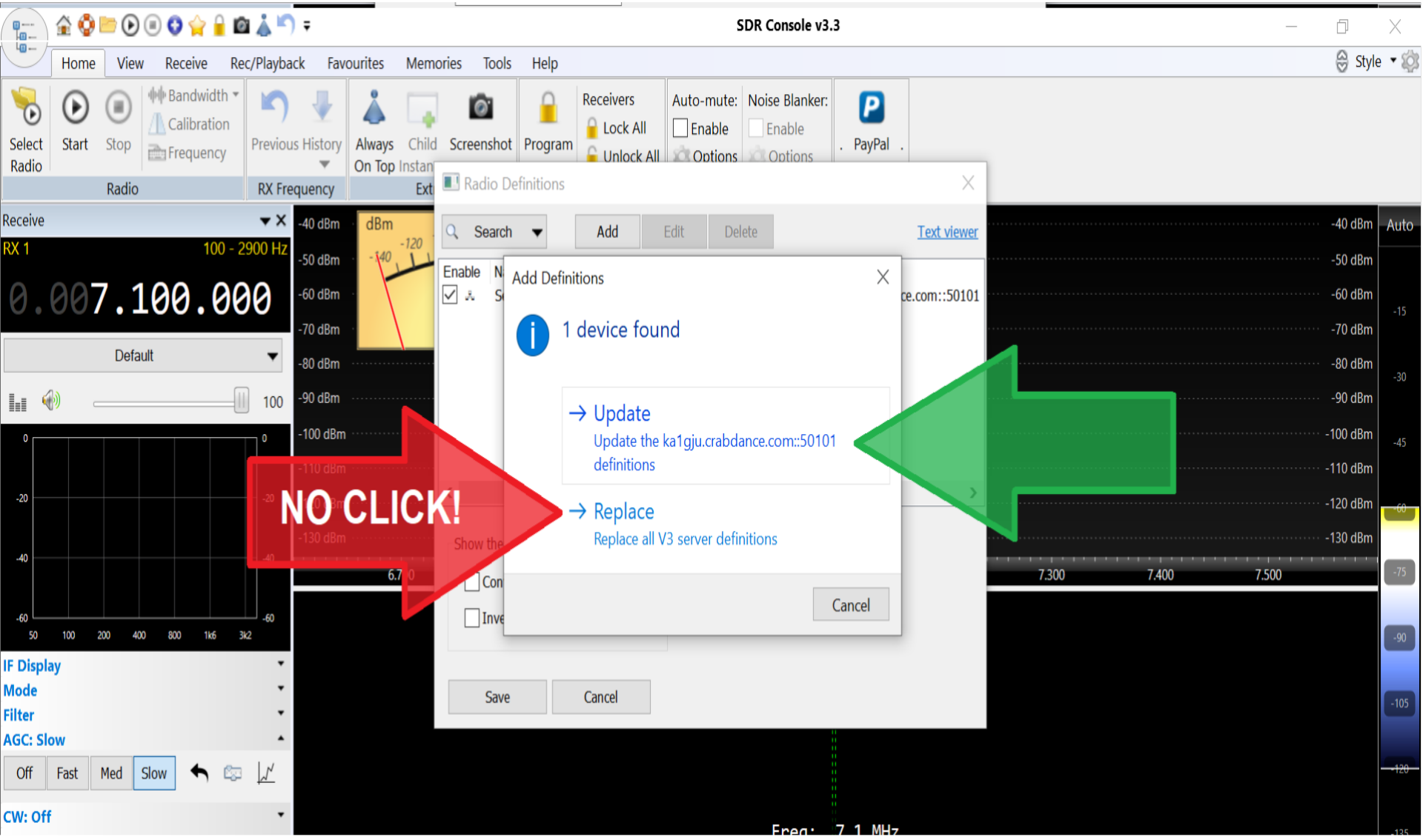
Now add MORE to the list, hit search again



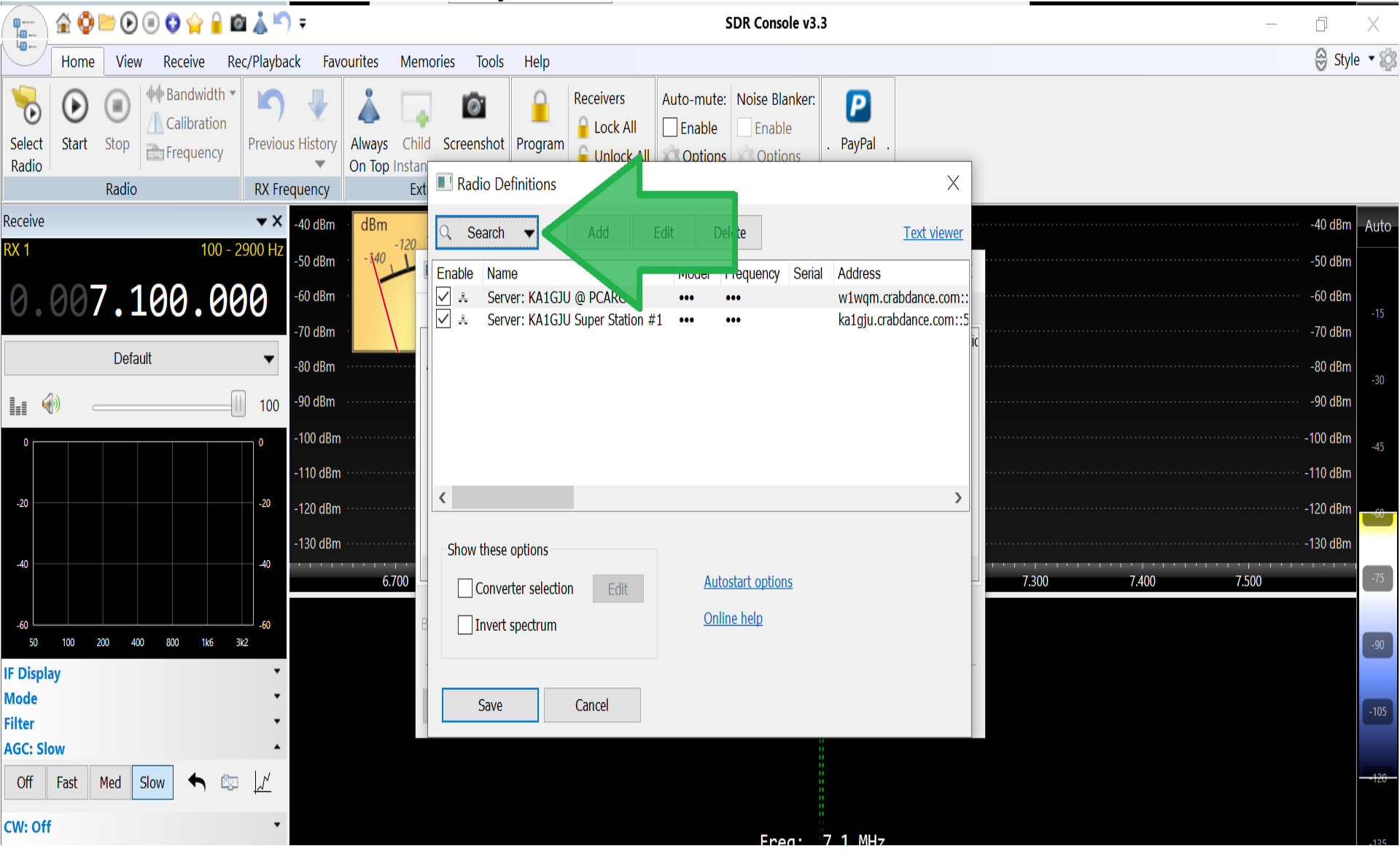
Click on ‘Online Servers’ as before, choose the server and doube click on it. Allow list to populate with the hosted SDR’s and hit OK.



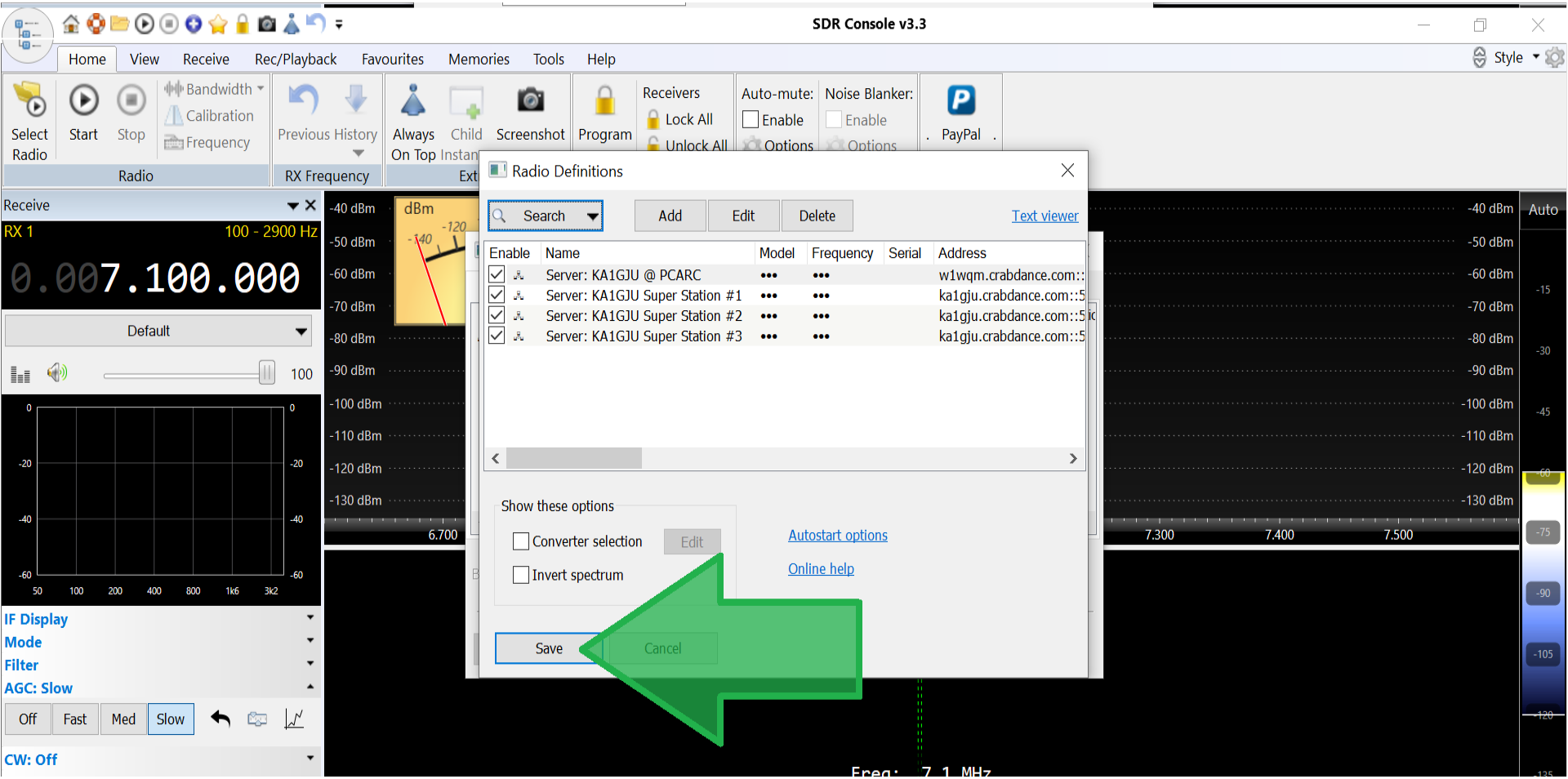
Upon adding additional servers (defintions) to your list, hit **Update** to ***ADD*** to your list. **Replace** will ***erase*** all entries with the one currently selected. Choose carefully!



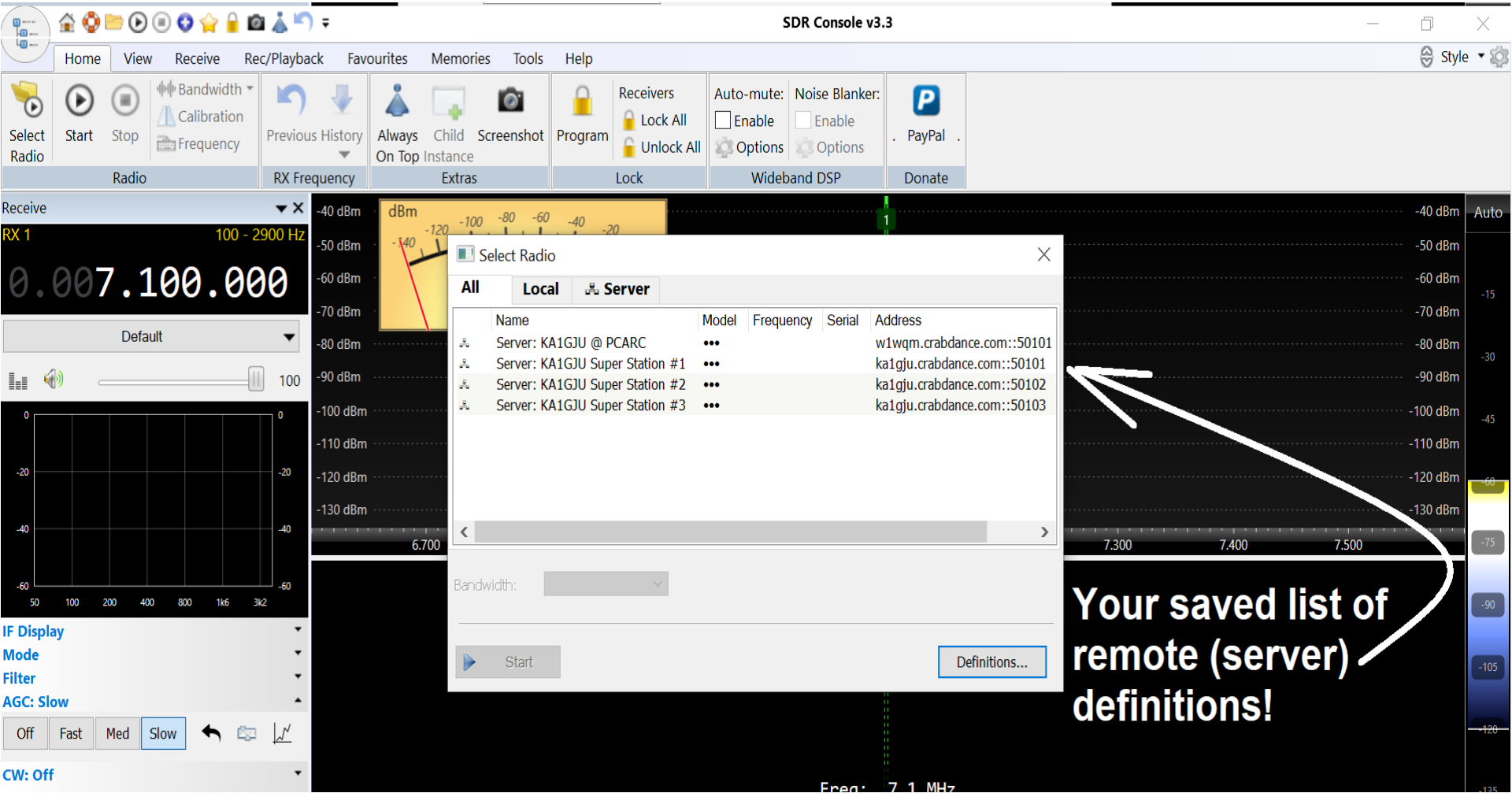
Save more definitions by repeating the previous steps, Search, Online Servers, double click on it as before. Be sure to hit **ADD** and not *replace* when done!



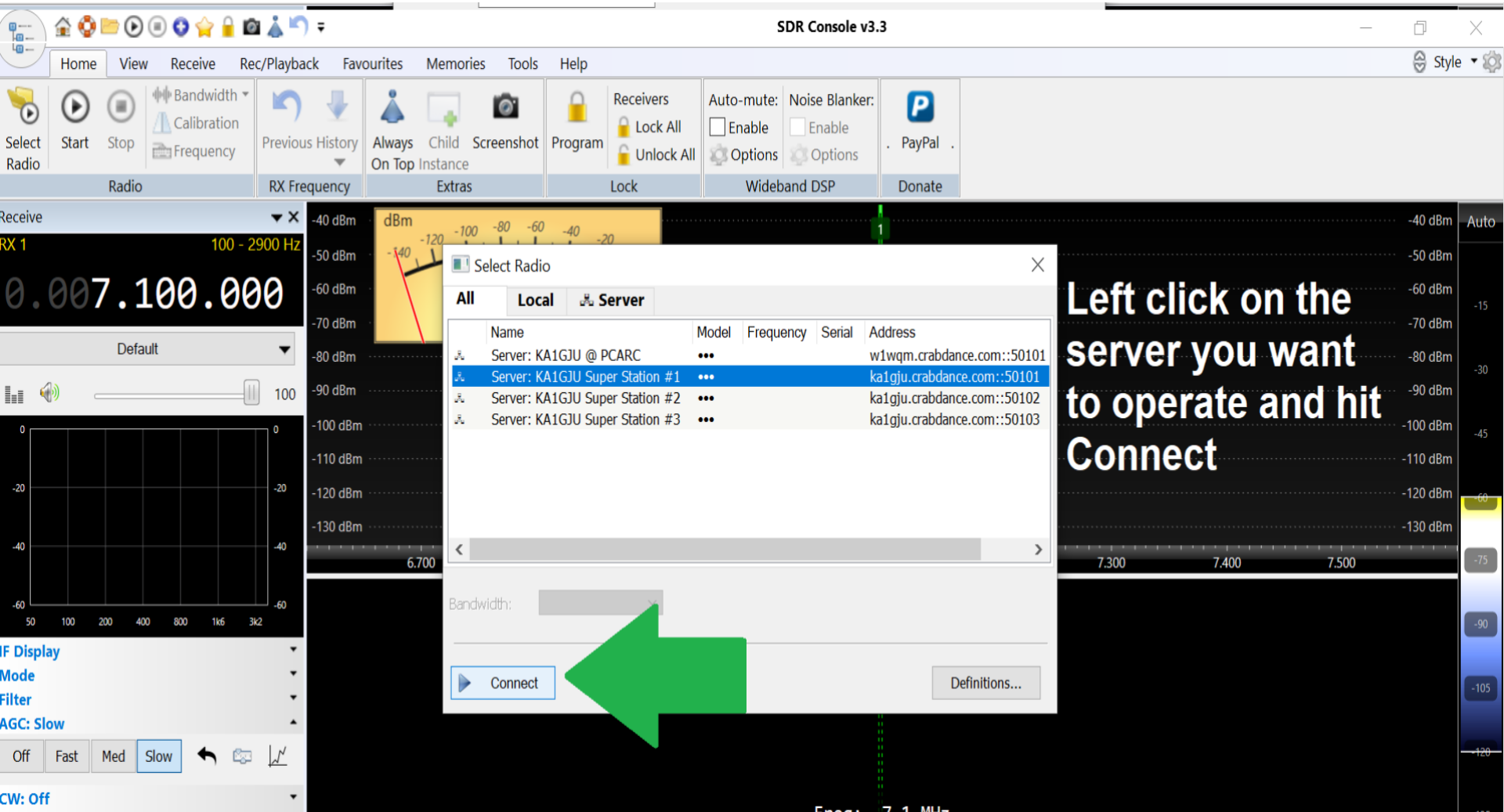
When your list of servers is complete, click on Save to save them! You could do this step after each definition is added, but doing it now saves multiple steps in saving each definition.



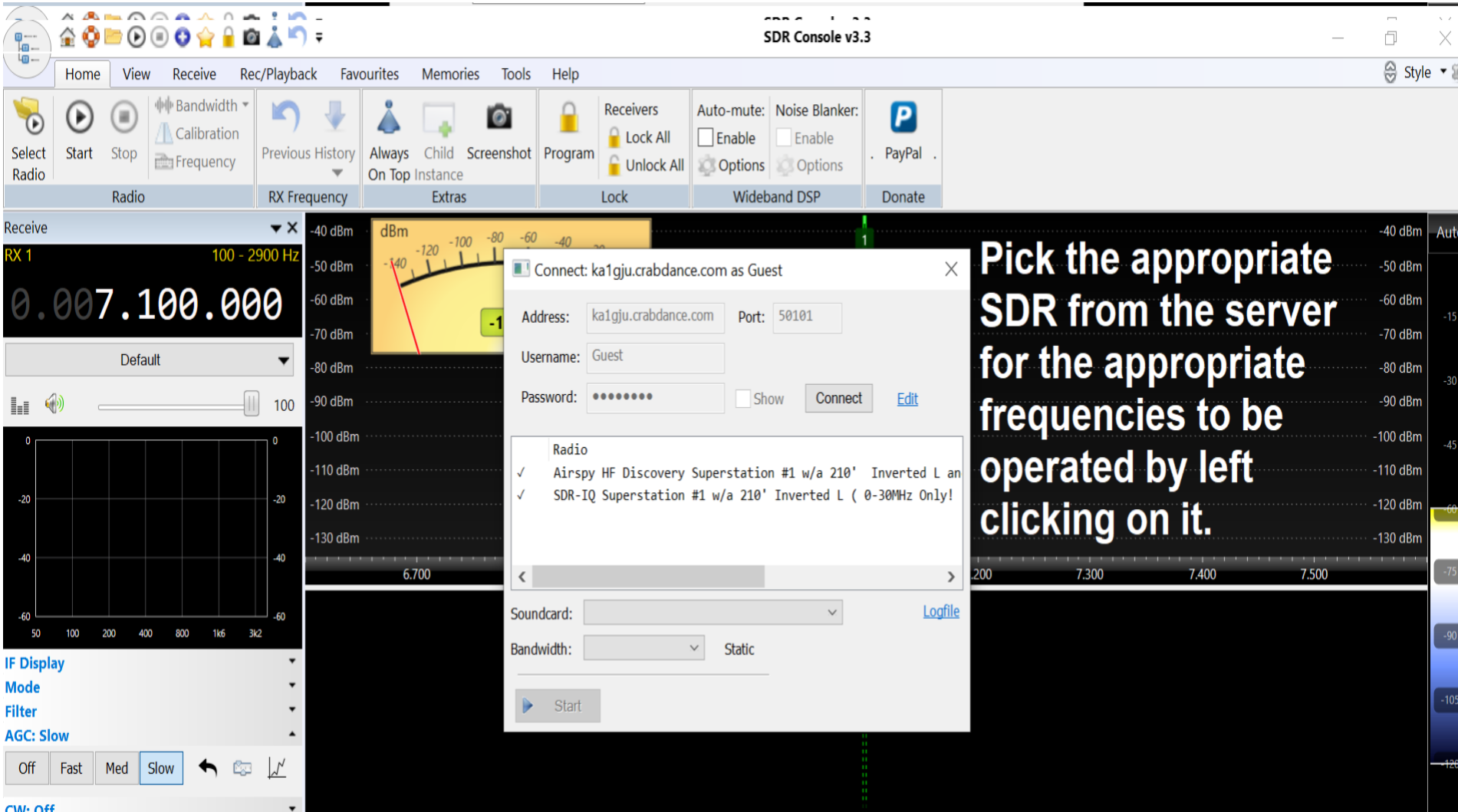
You now have an ever growing list of remote servers to choose from! These are saved and will be available everytime SDRC is started. You can always add more at a later date.



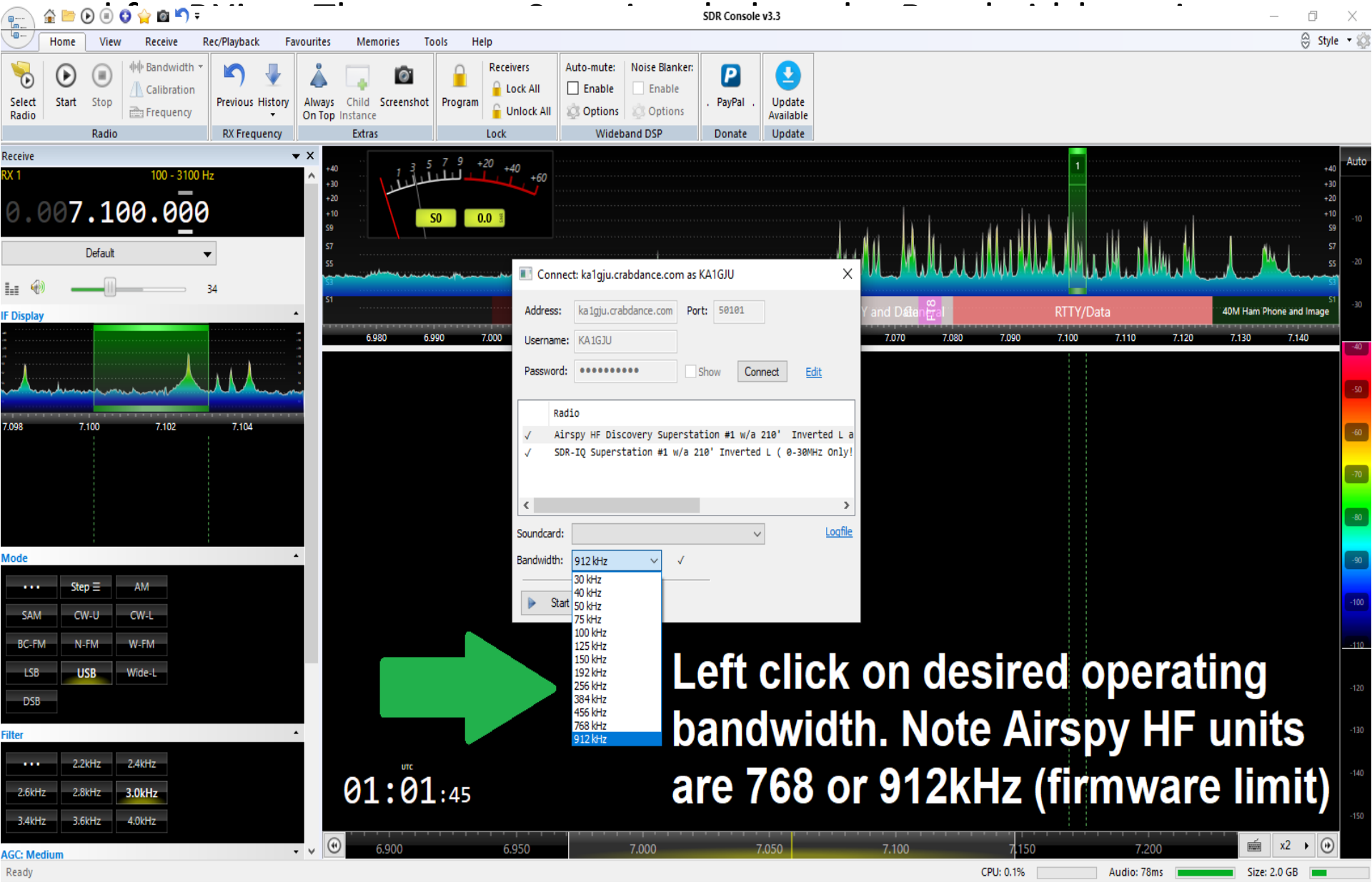
To connect to a server, left click on it to highlight and click Connect.



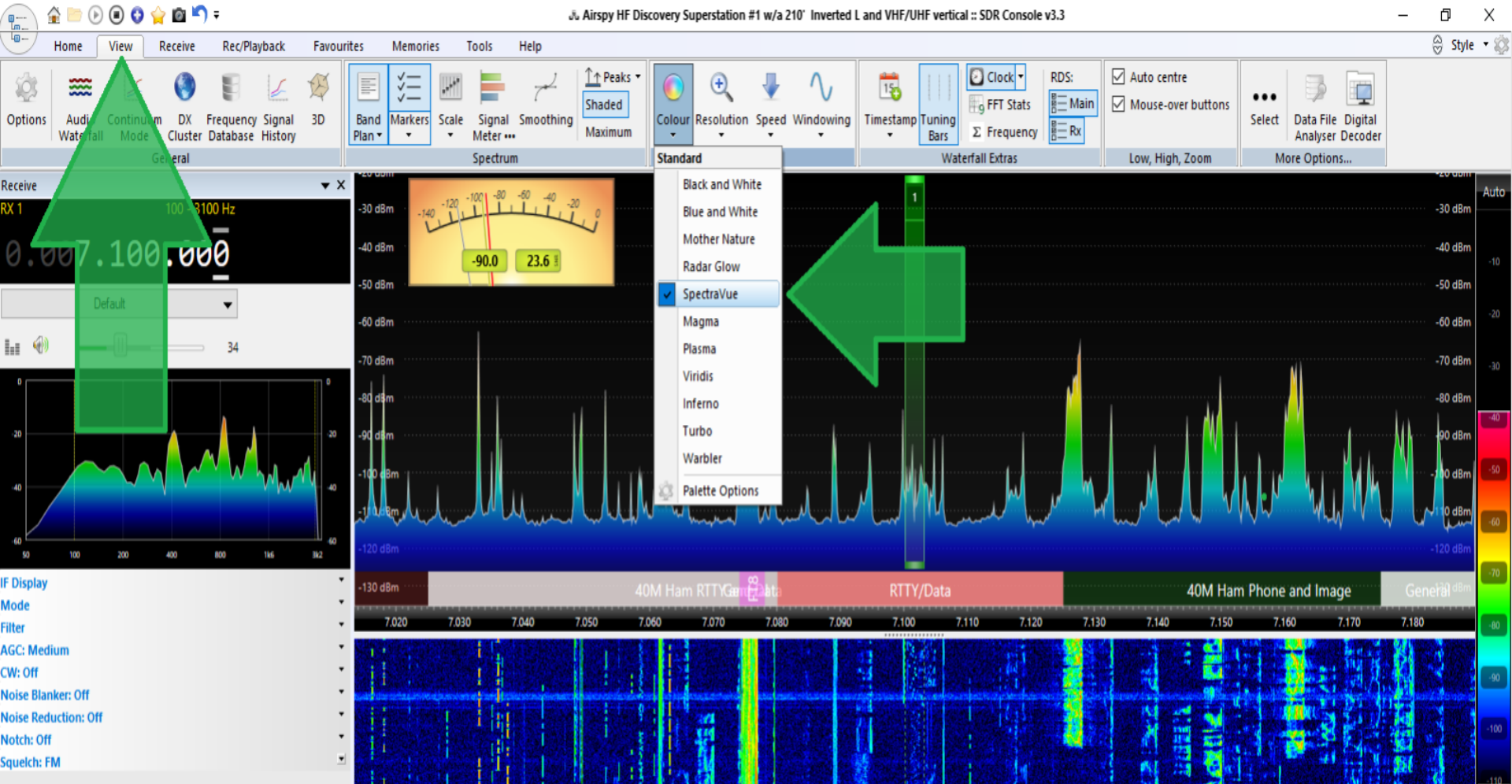
Once connected, choose the appropriate SDR for the frequencies you want to operate. i.e. don't use an SDR for VHF/UHF on HF or visa versa. Expand the window to read the descriptions or know the capabilities of the particular SDR!



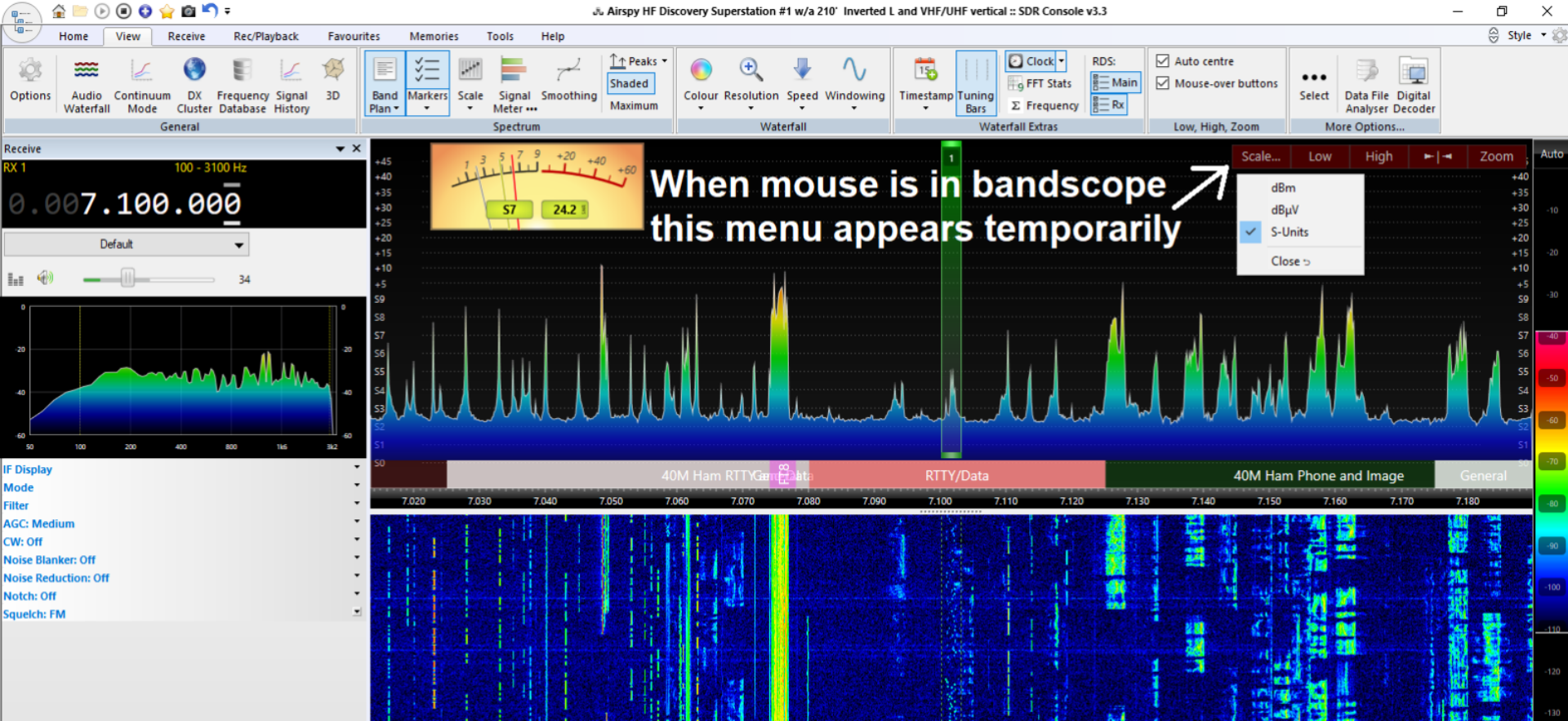
Left click on the SDR you wish to use and select the operating bandwidth. This varys from SDR mfg to mfg! Soundcard option is not



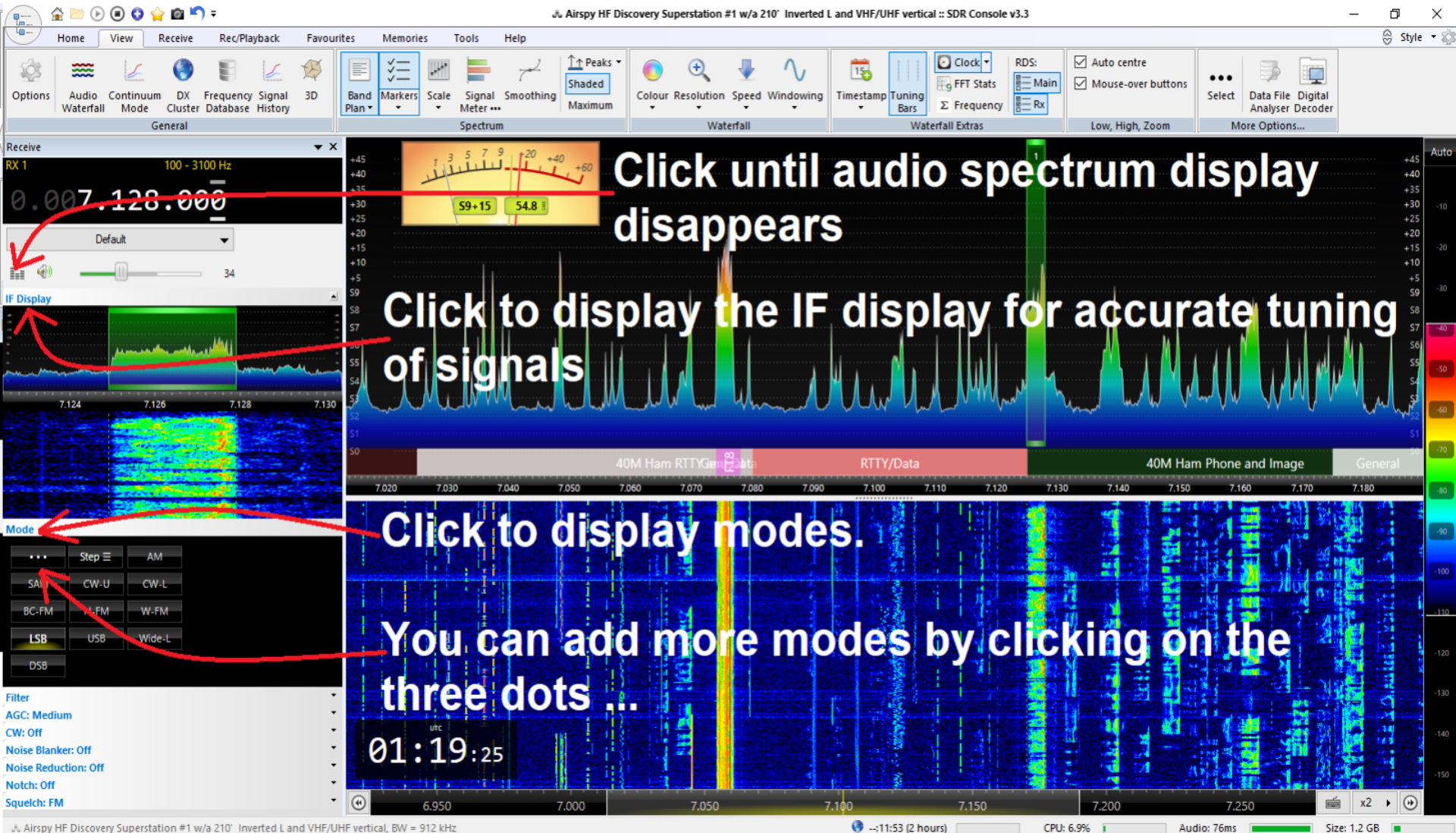
Once operating, there are a few settings from the default you can change. First, the colors of the spectrum scope and waterfall. Click on View on the ribbon bar and Colour. Select a color you prefer, shown below is ‘Spectravue’.



Spectrum scope and S-meter calibrations can be dBm, dbuv, or S-Units. Place mouse in bandscope or waterfall area and a small menu appears in upper right in dark red. Scale sets the calibrations, Low/High sets limits, ->I<- to center and zoom . This menu will disappear after two seconds of mouse inactivity.

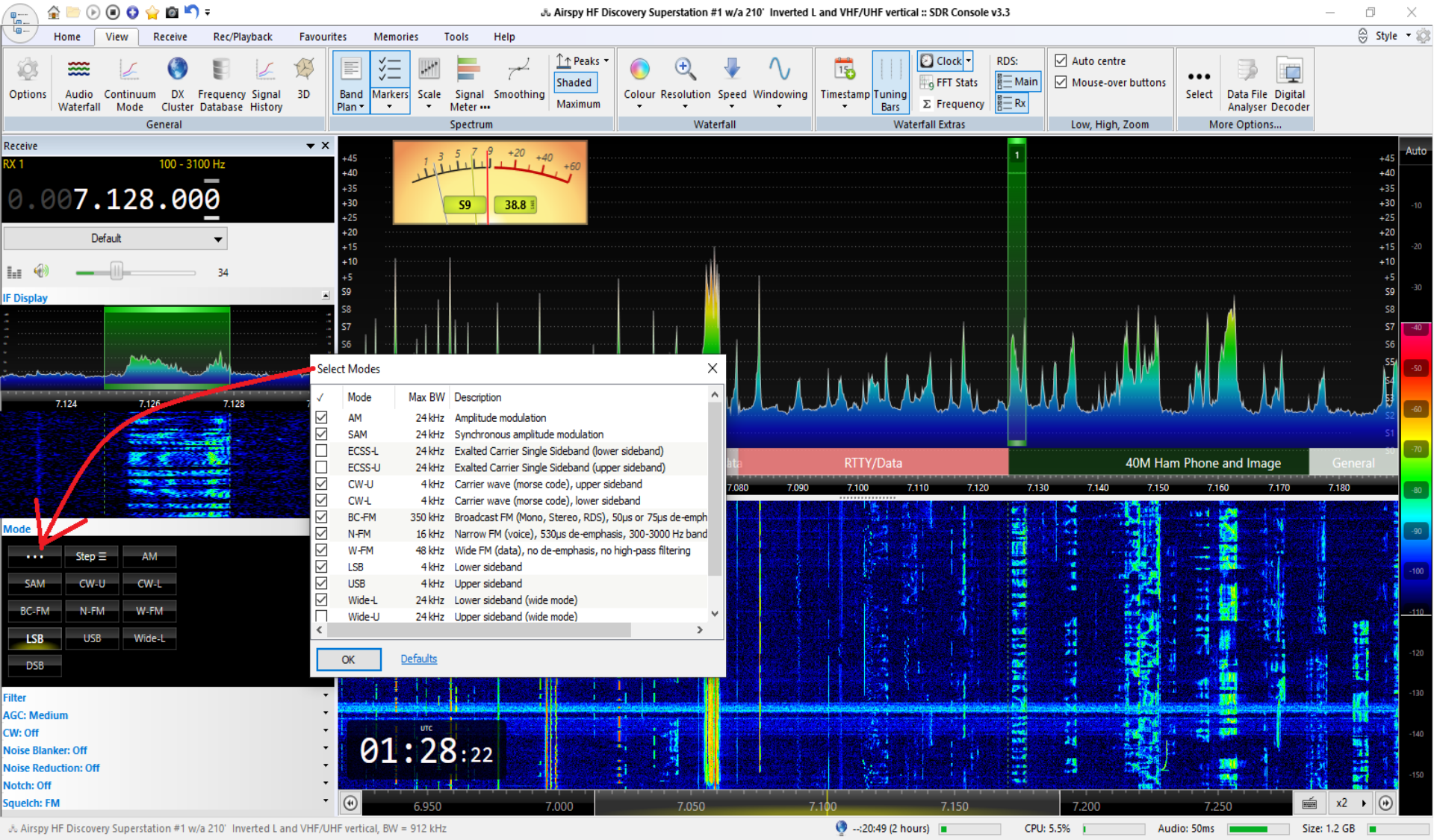


The DSP panel is on the left and is configurable. Audio spectum, IF display, and Modes can be selected on or off. The IF display is helpful in tuning as is having the modes on.

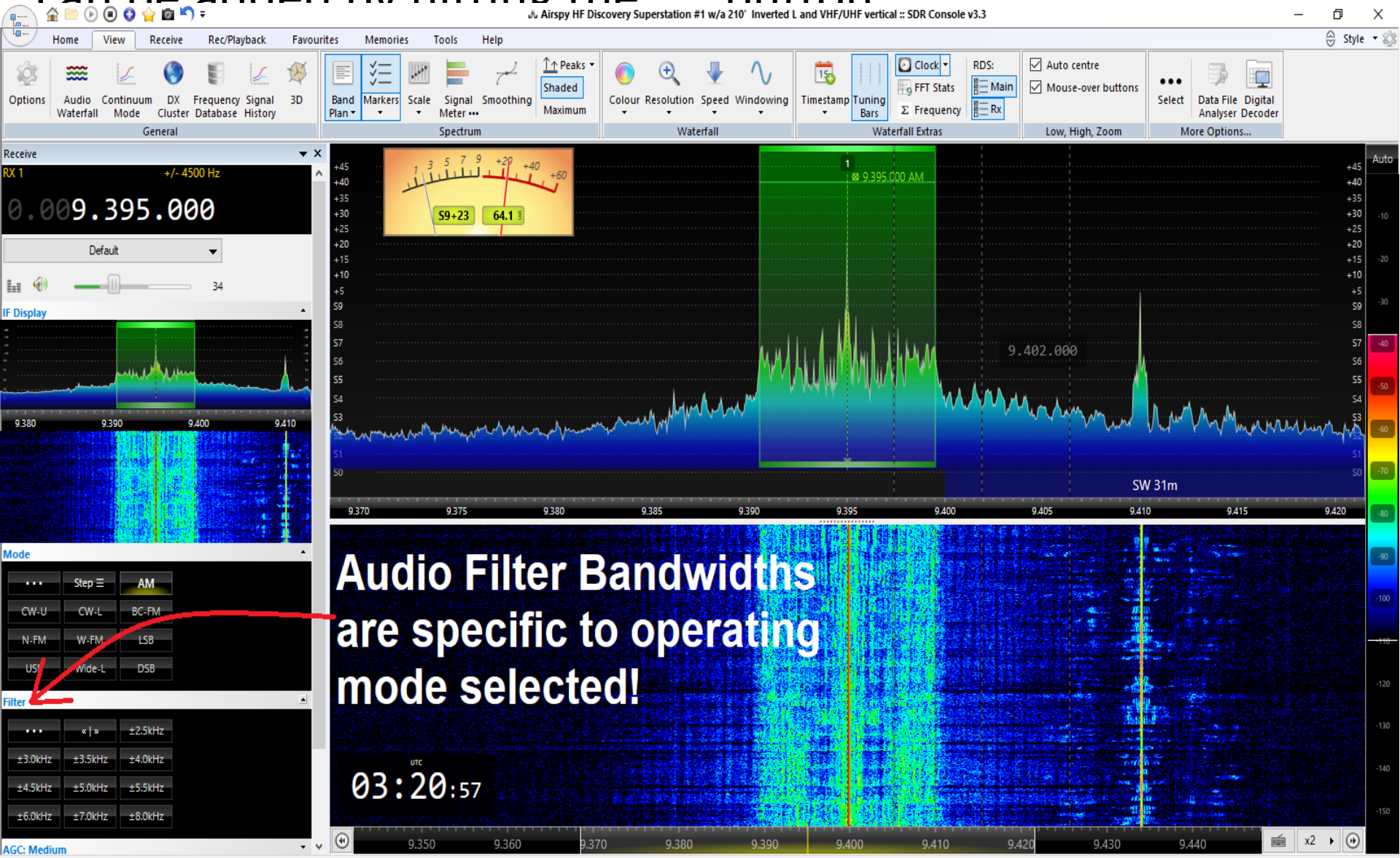


To add more mode choices versus the default modes, click on the three dots and add/remove the desired modes.

Note: **BC FM** is **Broadcast FM** and **NFM** is **Narrow FM**



Audio Filter Bandwidths are configurable per ***Mode***, more can be added by hitting the ‘ ’ button



When ready to disconnect, click on Home tab on ribbon bar and then click on stop. My servers have a 1hr time limit for guests, so users will be disconnected automatically at 1 hour