

First install the latest version of SDR-Console V3 Beta:

<http://www.sdr-radio.com/Software/Version3/>



1 | RF Spectrum Analyzer - Made in Germany / up to 20GHz

Handheld, USB, Remote & 19" Analyzers LF & RF / 1Hz to 20GHz / -170dBm DANL aaronia.com/rf-analyzers



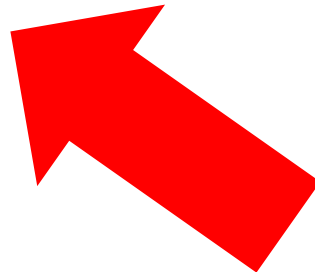
2 | Advertise with Google - With £75 AdWords Voucher.

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Version 3 Console

The console is the main program in the SDR-radio.com family and the focus of current development. It is designed to be easy to use with all options available on the ribbon bar and user configuration via the program options.

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click here

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This software is financed by donations.
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Donations welcome!

Scroll to the bottom

Download



32-Bit

64-Bit

Google

Google

Microsoft

Microsoft

Dropbox

Dropbox

And choose any of
these (most modern
PCs are 64-Bit)



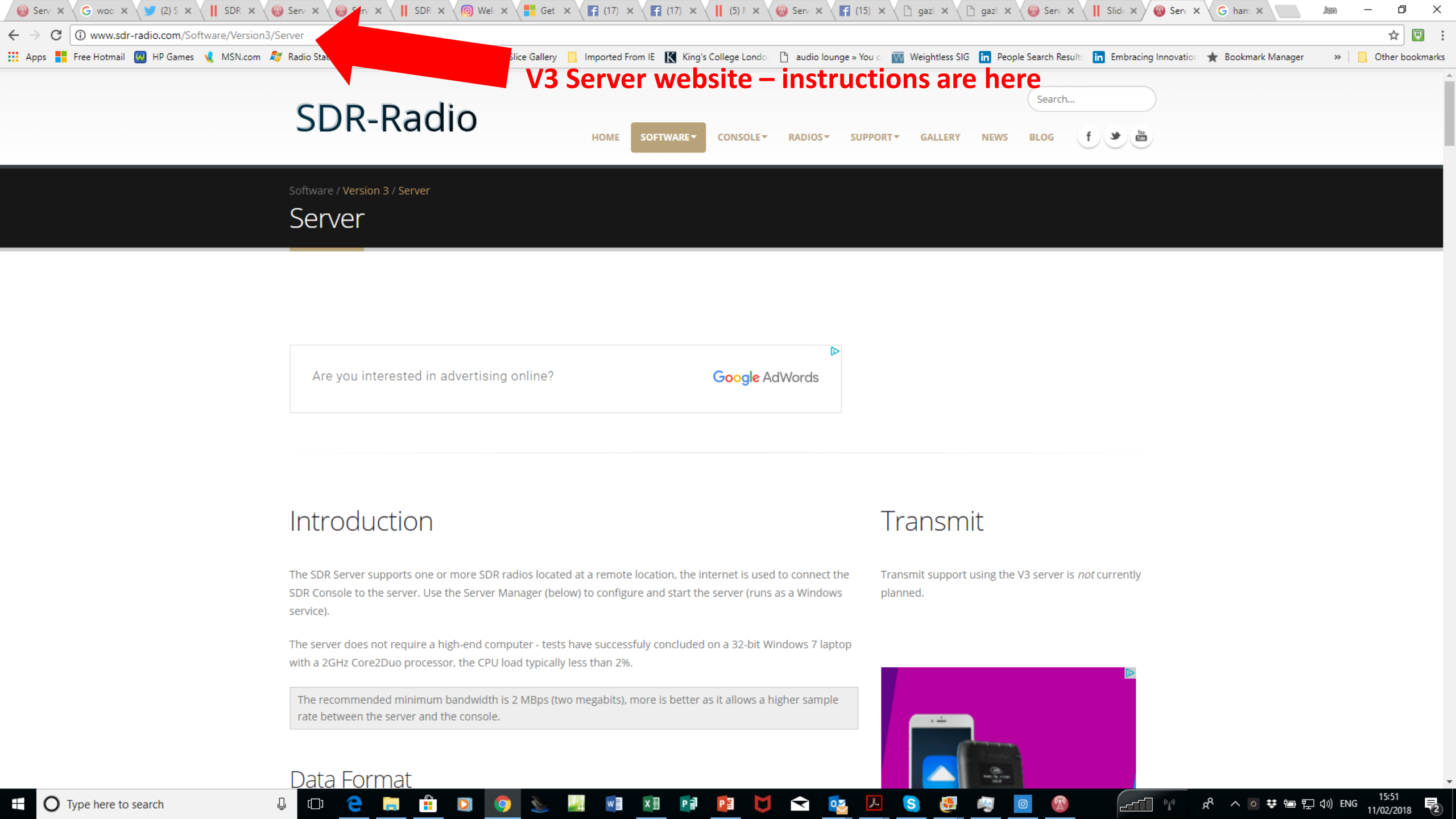
The software will download and you choose “Run” and follow the prompts to get the latest SDR Console V3 beta installed on your PC

Server instructions

All the instructions are on

<http://www.sdr-radio.com/Software/Version3/Server>

**This is to help you visualise
what to do**



V3 Server website – instructions are here

SDR-Radio

HOME

SOFTWARE

CONSOLE

RADIOS

SUPPORT

GALLERY

NEWS

BLOG

f

t

YouTube

Software / Version 3 / Server

Server

Are you interested in advertising online?

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Introduction

The SDR Server supports one or more SDR radios located at a remote location, the internet is used to connect the SDR Console to the server. Use the Server Manager (below) to configure and start the server (runs as a Windows service).

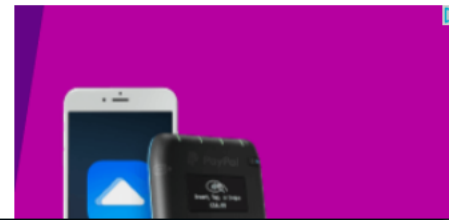
The server does not require a high-end computer - tests have successfully concluded on a 32-bit Windows 7 laptop with a 2GHz Core2Duo processor, the CPU load typically less than 2%.

The recommended minimum bandwidth is 2 MBps (two megabits), more is better as it allows a higher sample rate between the server and the console.

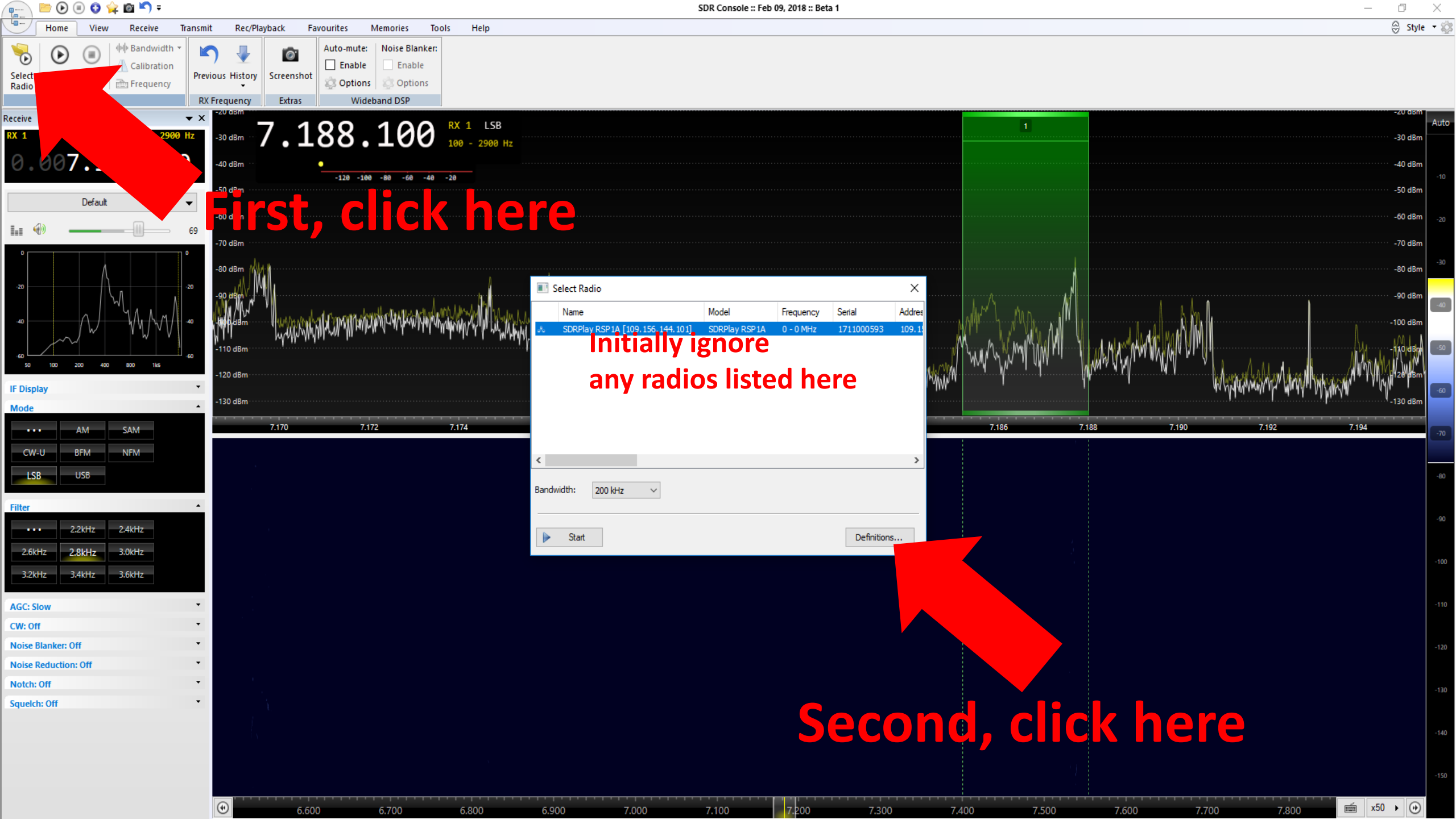
Transmit

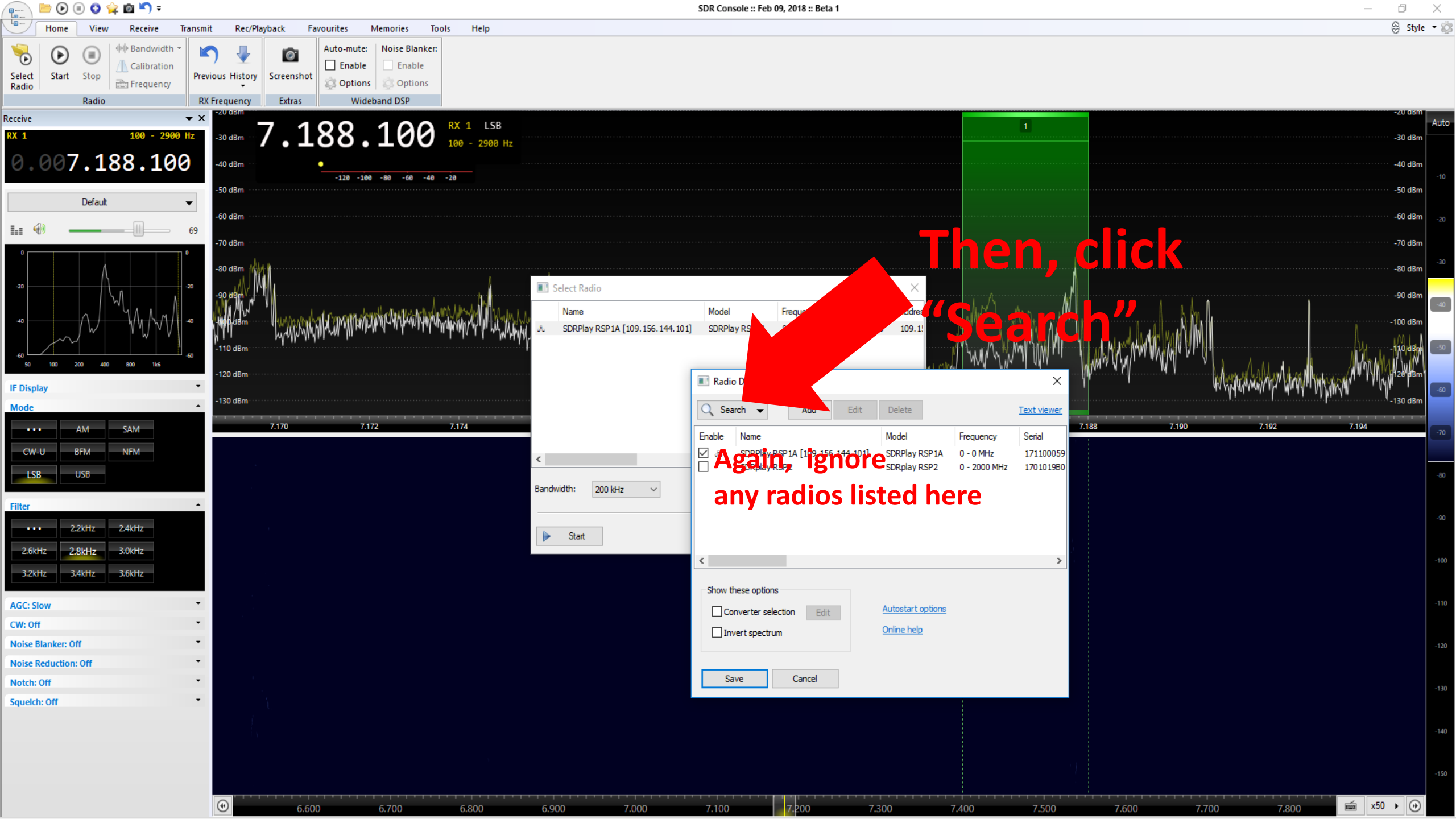
Transmit support using the V3 server is *not* currently planned.

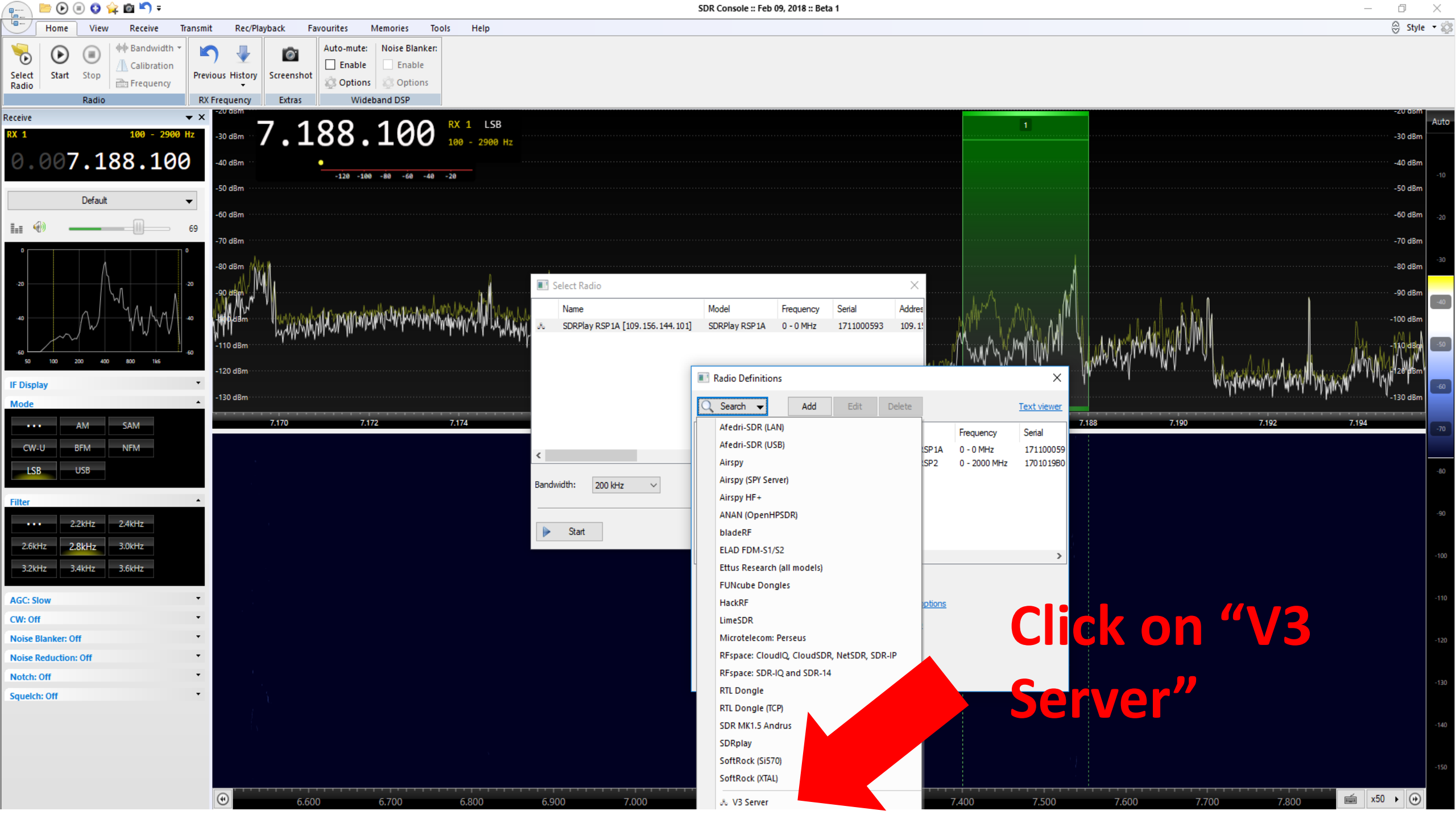
Data Format

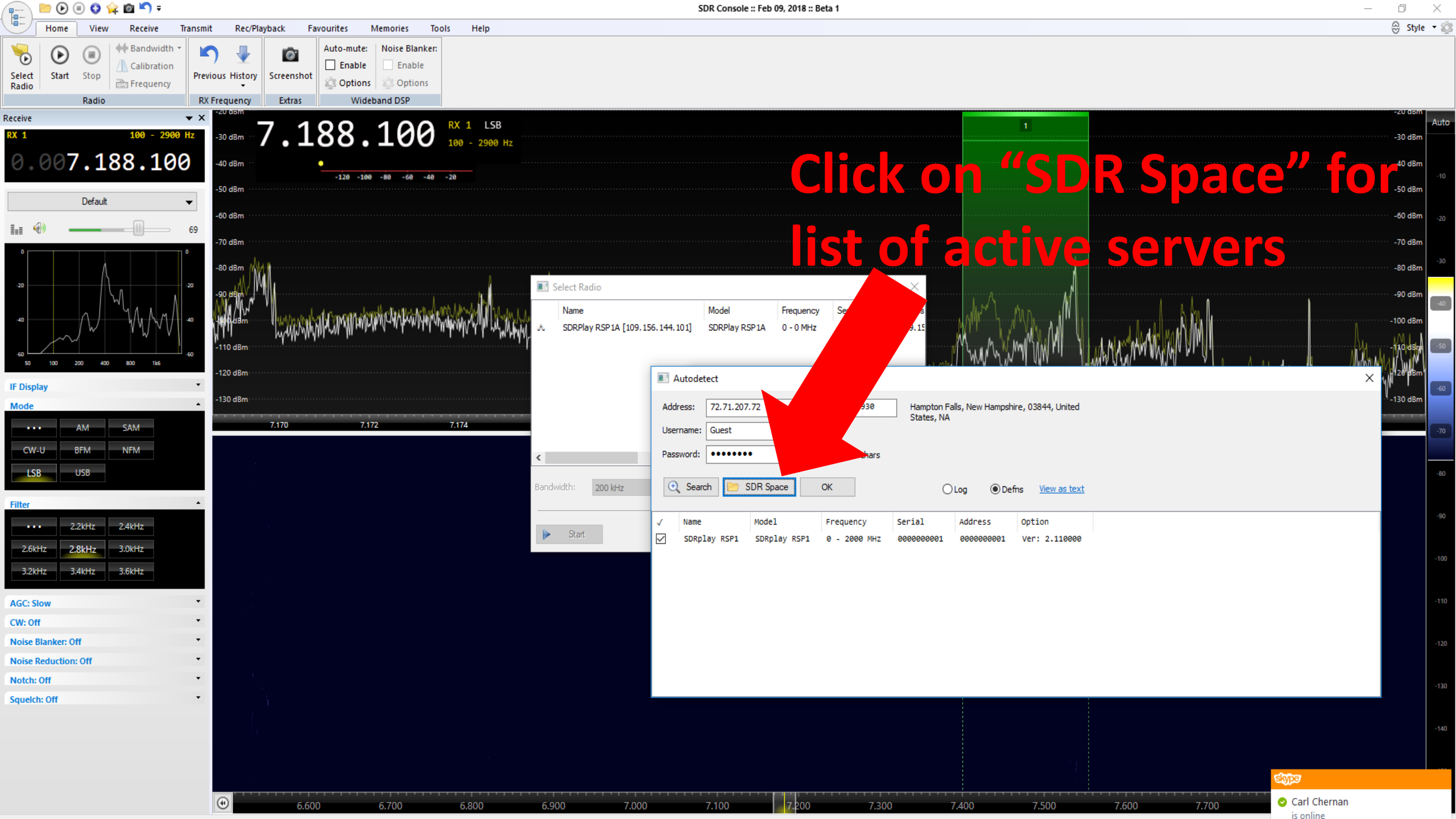


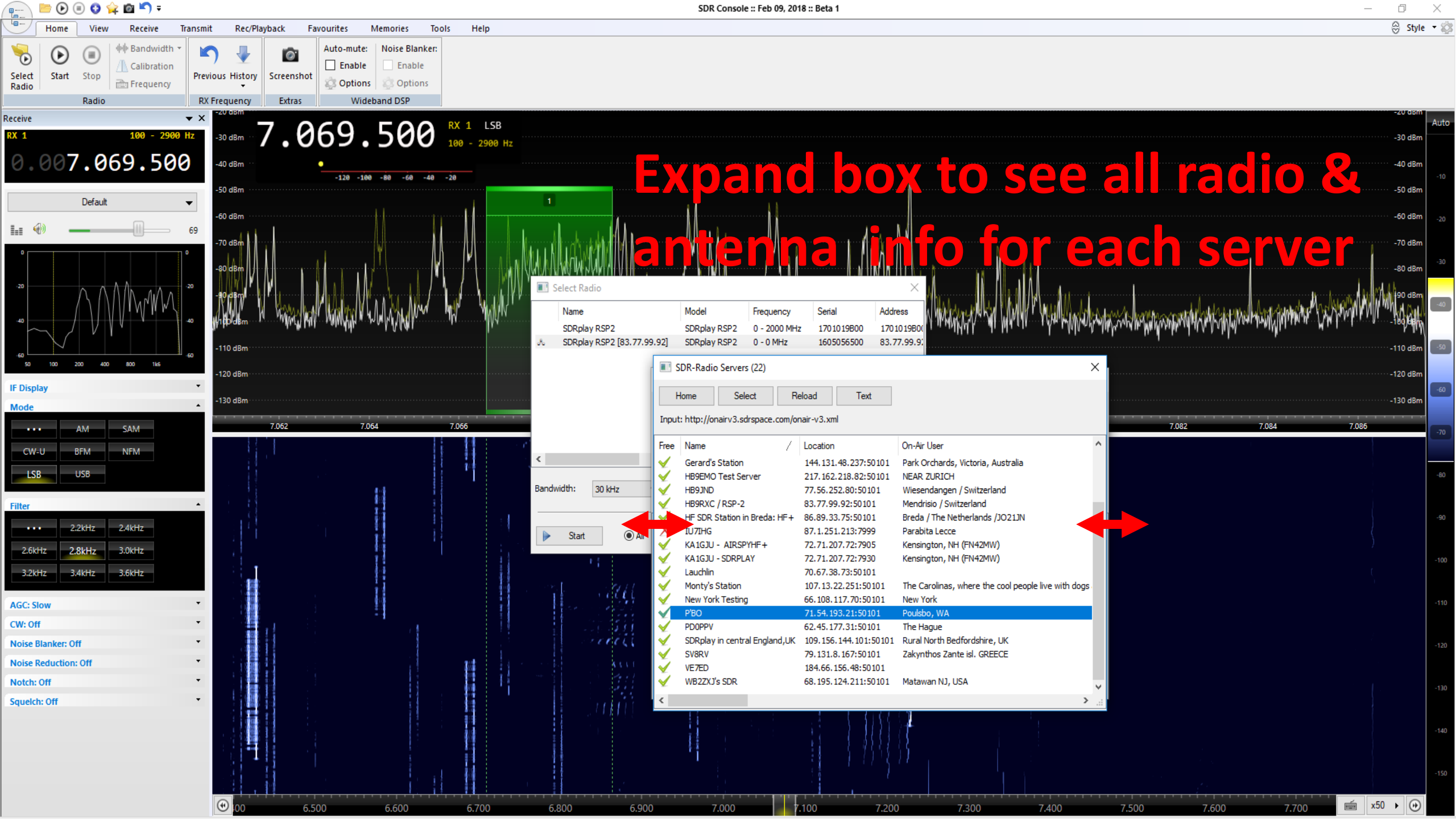
Launch SDR Console V3

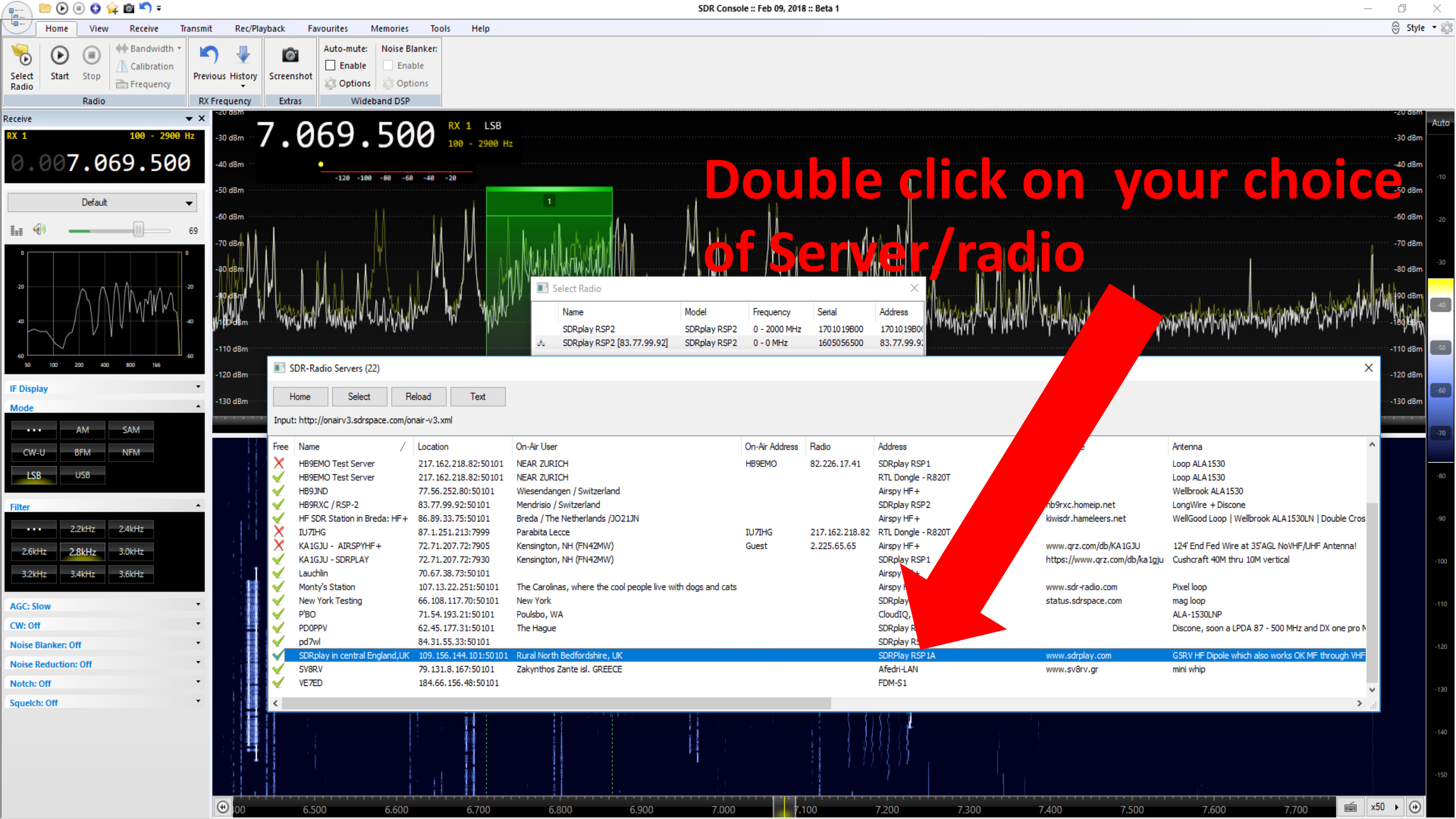












Home

View

Receive

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Memories

Tools

Help

Select Radio

Start

Stop

Bandwidth

Calibration

Frequency

Previous

History

Screenshot

Auto-mute: ☐ Enable

Noise Blanker: ☐ Enable

Options

Options

Radio

RX Frequency

Extras

Wideband DSP

RX 1

100 - 2900 Hz

0.007.069.500

Default

69

IF Display

Mode

AM

SAM

CW-U

BFM

NFM

LSB

USB

Filter

2.2kHz

2.4kHz

2.6kHz

2.8kHz

3.0kHz

3.2kHz

3.4kHz

3.6kHz

AGC: Slow

CW: Off

Noise Blanker: Off

Noise Reduction: Off

Notch: Off

Squelch: Off

7.069.500

RX 1

LSB

100 - 2900 Hz

1

Select Radio

Name	Model	Frequency	Serial	Address
SDRplay RSP2	SDRplay RSP2	0 - 2000 MHz	1701019B00	1701019B00
SDRplay RSP2 [83.77.99.92]	SDRplay RSP2	0 - 0 MHz	1605056500	83.77.99.92

Bandwidth: 30 kHz

Start

All

Autodetect

Address: 109.156.144.101

Username: SDRplay

Password:

Search

SDR Space

OK

Log

Defns

View as text

✓	Name	Model	Frequency	Serial	Address	Option
<input checked="" type="checkbox"/>	SDRPlay RSP1A	SDRPlay RSP1A	0 - 2000 MHz	1711000593	1711000593	Ver: 2.110000

Click "OK"

Ready

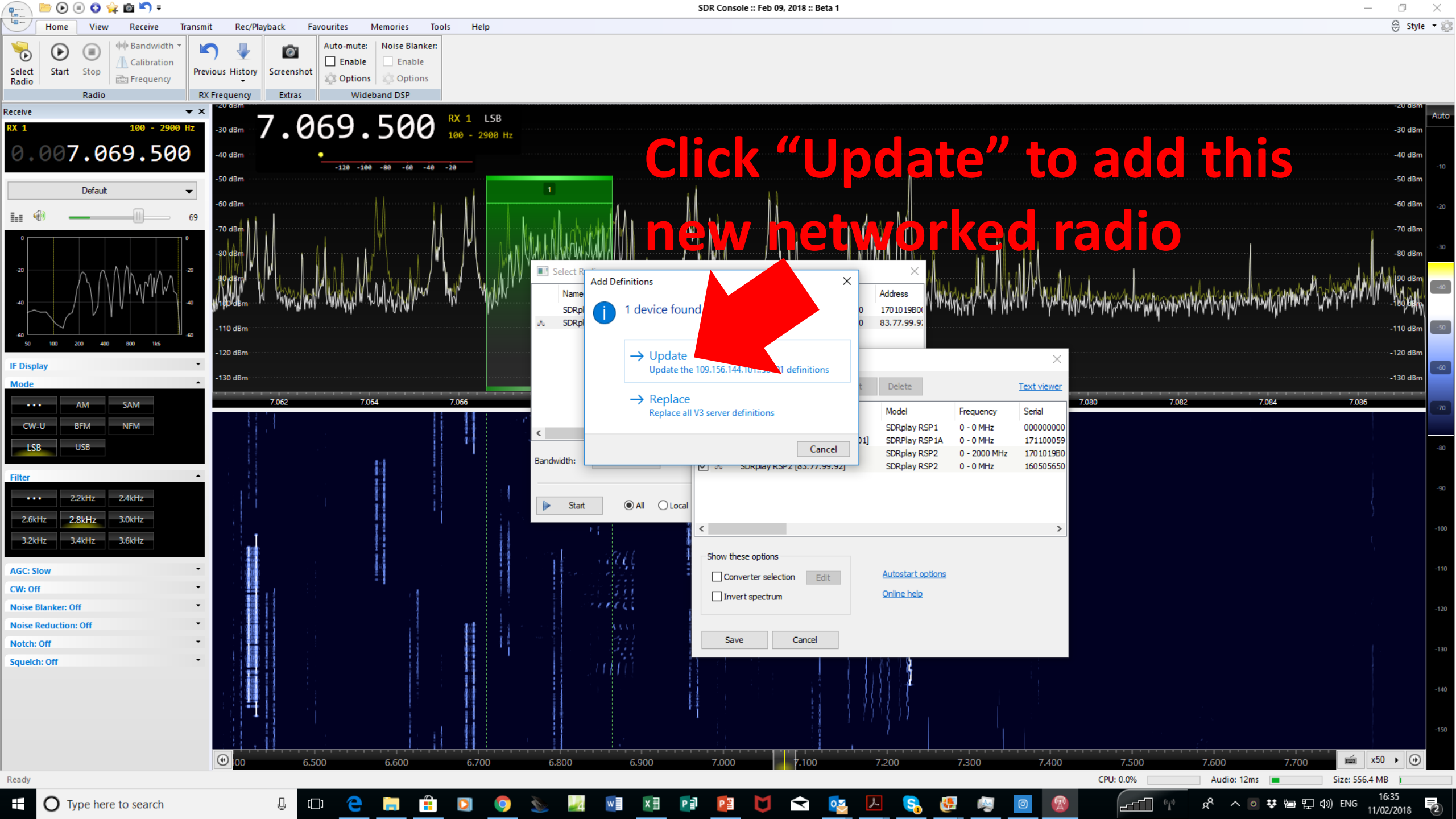
CPU: 0.1%

Audio: 12ms

Size: 556.4 MB

ENG

11/02/2018





Highlight your newly chosen radio

Then Press "Start" and SDR Console will burst into life 😊

**And now, if you
want to add your
own Radio on for
others to use...**



First, click on "Tools"

Then, click on "Server Manager" (and say YES to allowing the app to make changes to your device)

Then, read the instructions, it's fairly straightforward...

SDR Server Manager version 3.0 build 1049

— □ ×

Help

Options...

+ Accounts ▲

+ Radios ▲

+ Firewall · X

+ Network

+ Welcome Text

Service · X

+ Connections

+ Log

On Air

Online

View

Introduction

This is the management interface for the Version 3 remote server which runs as a Windows service on either your local network or a remote computer accessed via the internet.

This software includes GeoLite data created by MaxMind, available from <http://www.maxmind.com> . This is used to show the location of the clients from on their IP address.

Options

Before starting the service you must configure:

- **Accounts** - add at least one account.
- **Radios** - add at least one radio definition.
- **Network** - check the address and port, enable compression and maximum bandwidths (see below).
- **Welcome text** - a brief description of your station.

Network

Compression The sample size is 16-bit signed integer, 32-bits per sample (2 x 16). The data is optionally compressed using either Huffman coding (https://en.wikipedia.org/wiki/Huffman_coding) or by reducing the sample size to 8-bits, whichever generates the better compression ratio.

Bandwidth Select a maximum bandwidth which does not exceed your network's Upload bandwidth (often called Upload speed). To be sure you will not use too much of your available upload bandwidth restrict the maximum bandwidth to just one half (50%) or even a quarter (25%) of the available bandwidth.

Service

The service must be installed, the default settings are recommended. (This program must be run with elevated privileges to install this service.)

Connections

Here you see the status of the current connections.

You will need around 3.6 MB/s up and down available internet capacity to allow around 200kHz bandwidth

You will need to open up your firewall (e.g. on your internet hub) to enable port access to default port 50101

Otherwise defaults should be good to start with

What appears on the public page is taken from the comments and info you fill in in the “on Air” tab in the Server Manager under “Station Description”

Check out the remote SDRplay RSPs or visit www.SDRplay.com for more information