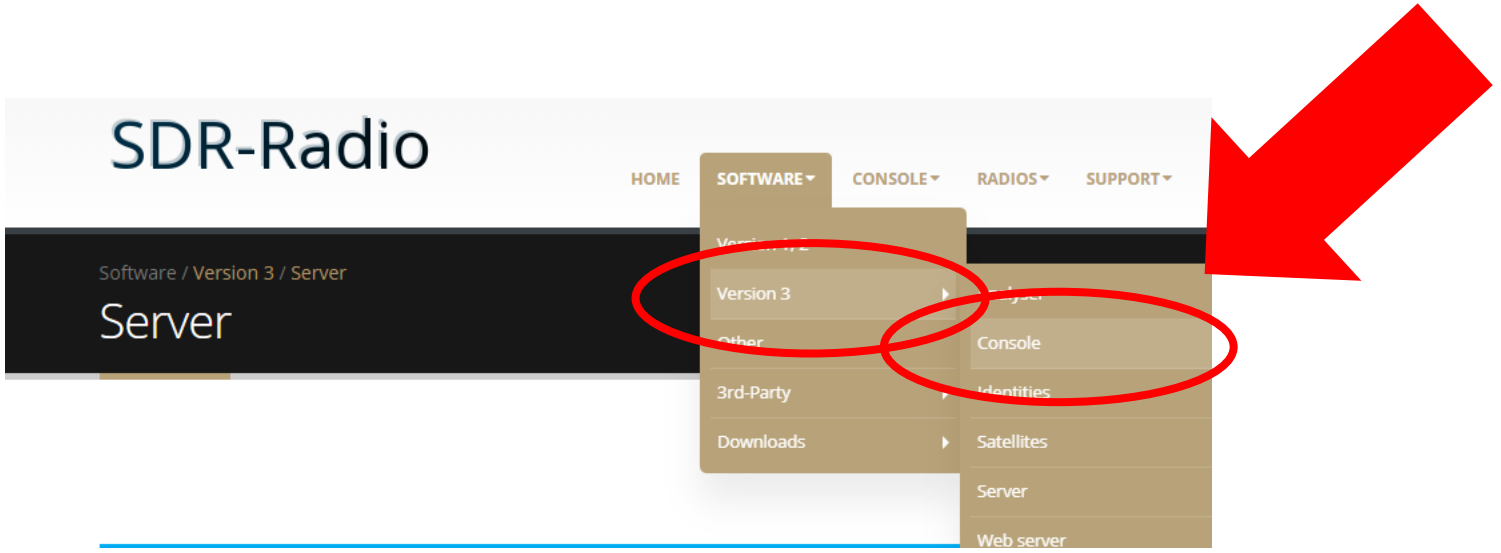
First install the latest version of SDR-Console V3 Beta:

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



SDR-Radio

Search...

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Console

Console

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.

Download

click here

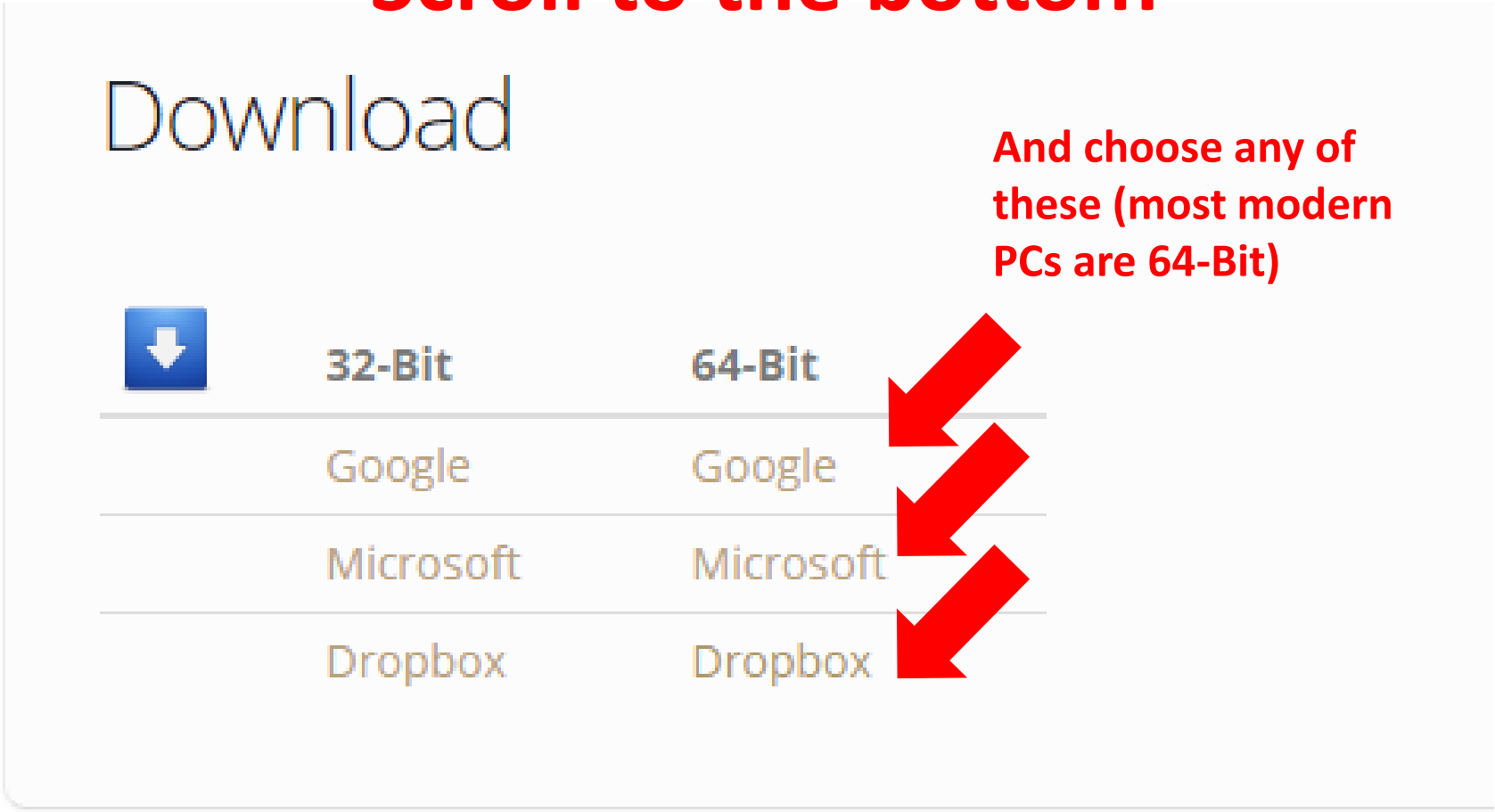
Donate

This software is financed by donations, if you like it then please consider a donation.

Donate

Donations welcome!

Scroll to the bottom



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

Server

Introduction

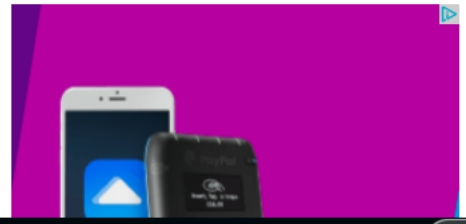
The SDR Server supports one or more SDR radios located at a remote location, the internet is used to connect the SDR Console to the server. Use the Server Manager (below) to configure and start the server (runs as a Windows service).

The server does not require a high-end computer - tests have successfuly 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.

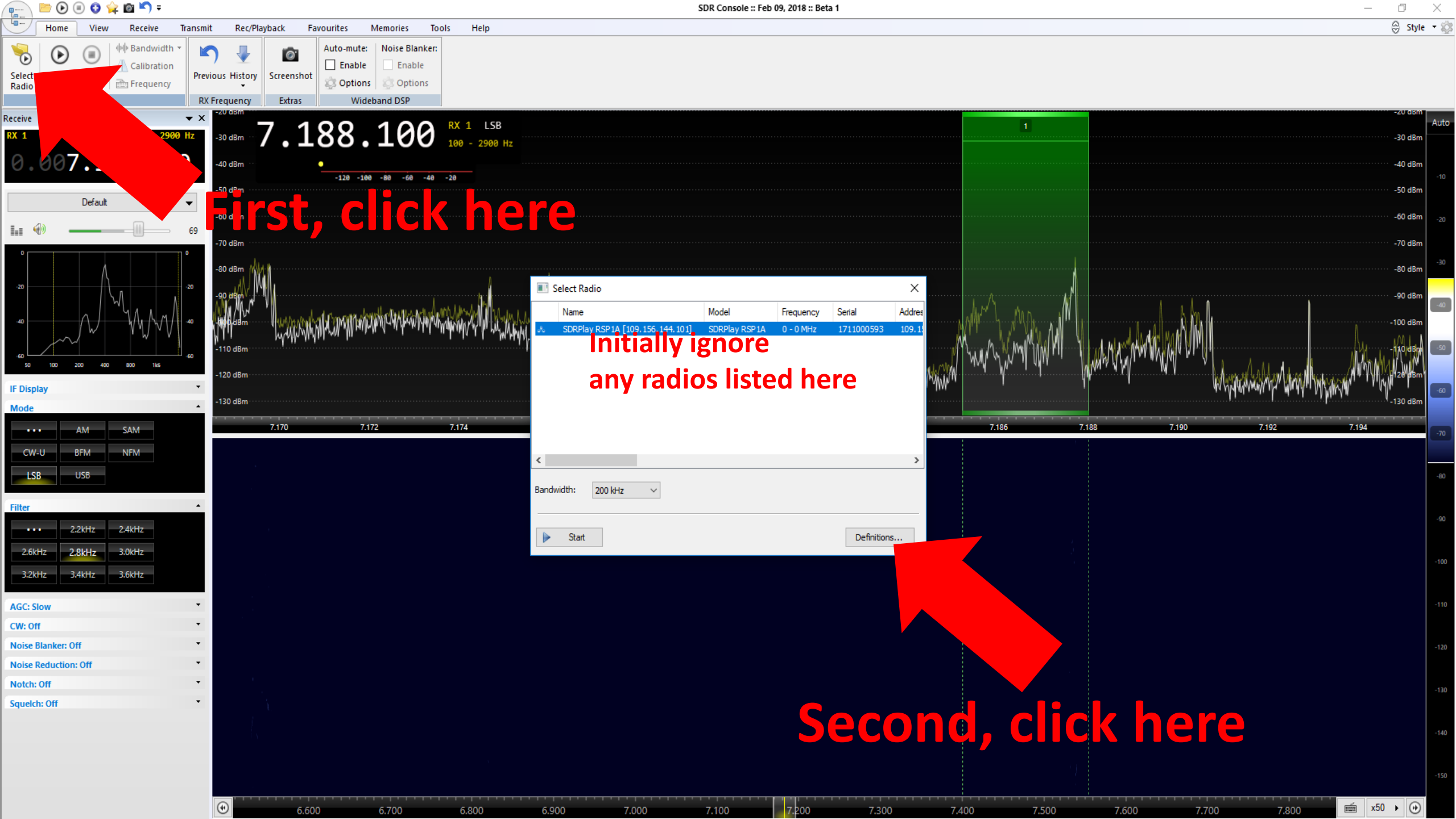
Transmit

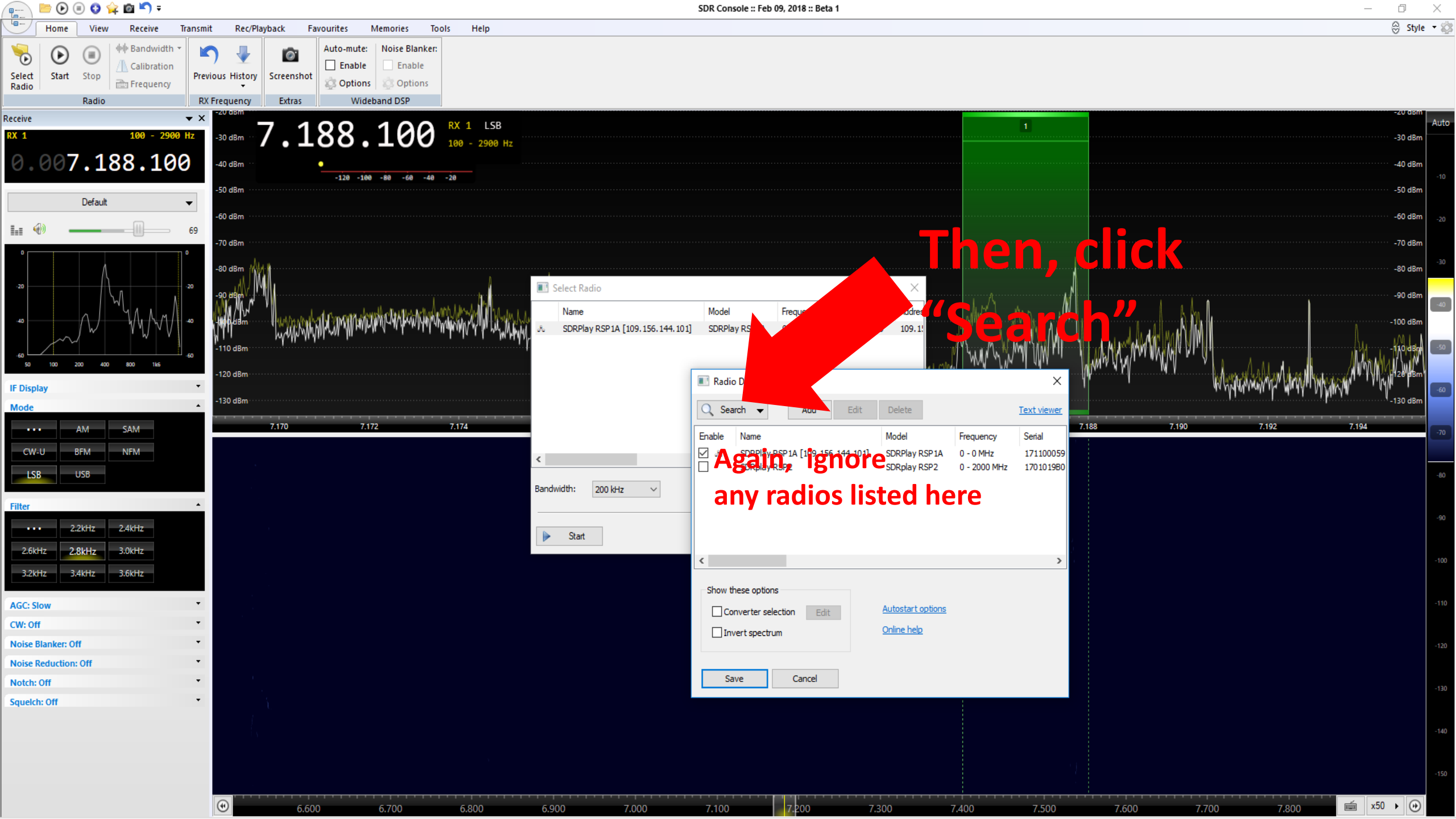
Transmit support using the V3 server is *not* currently planned.

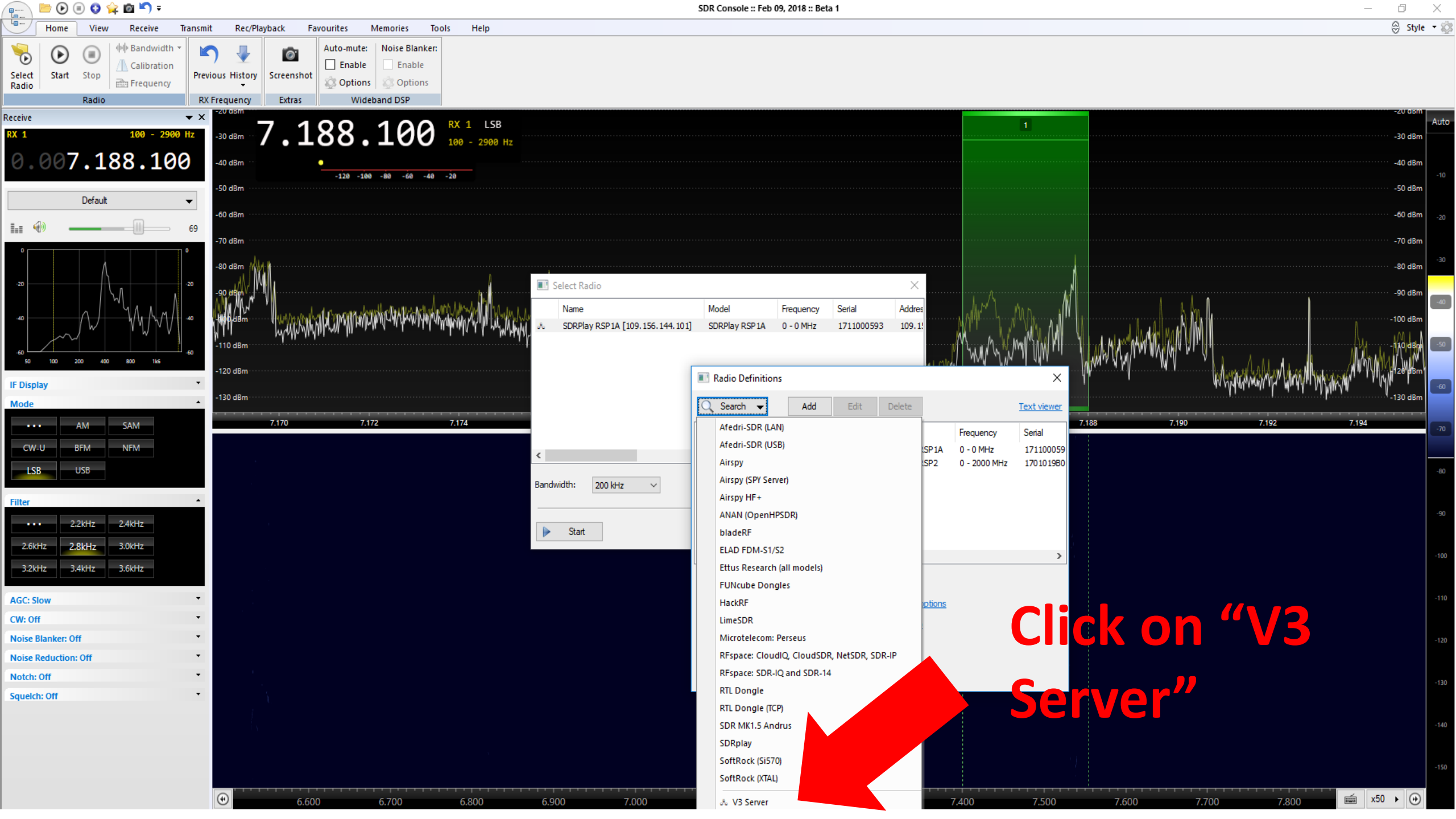


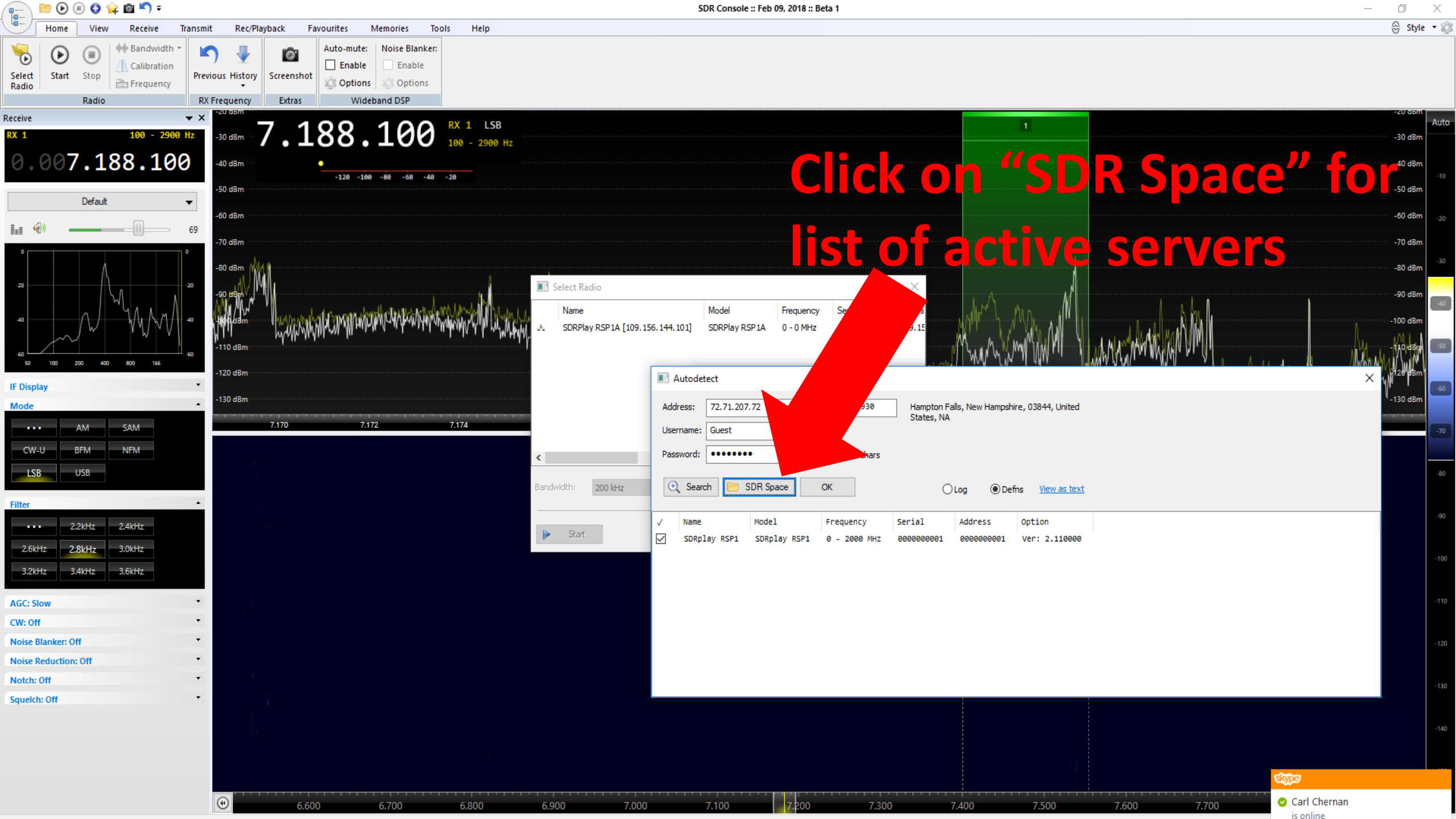
Data Format

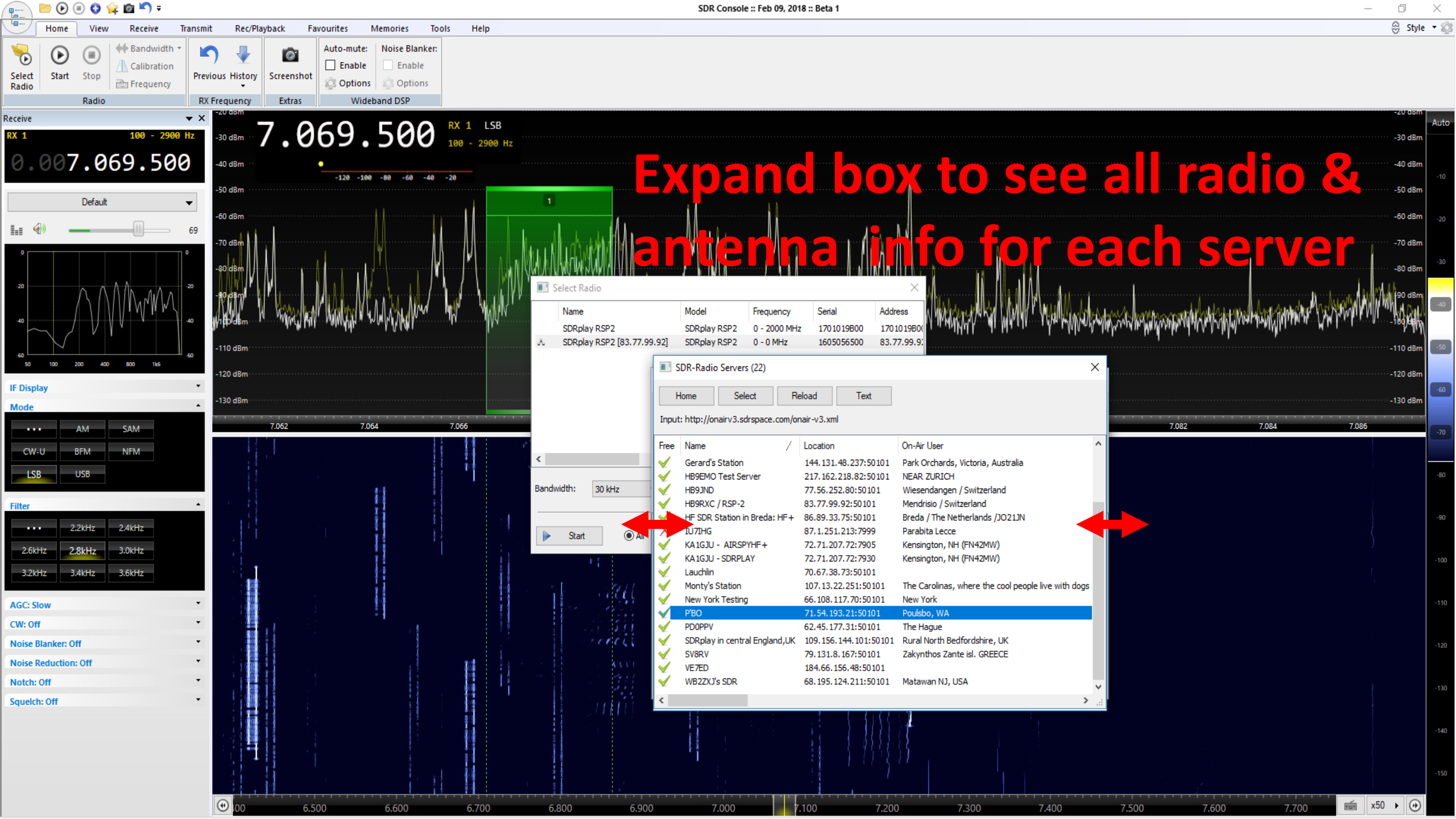
Launch SDR Console V3

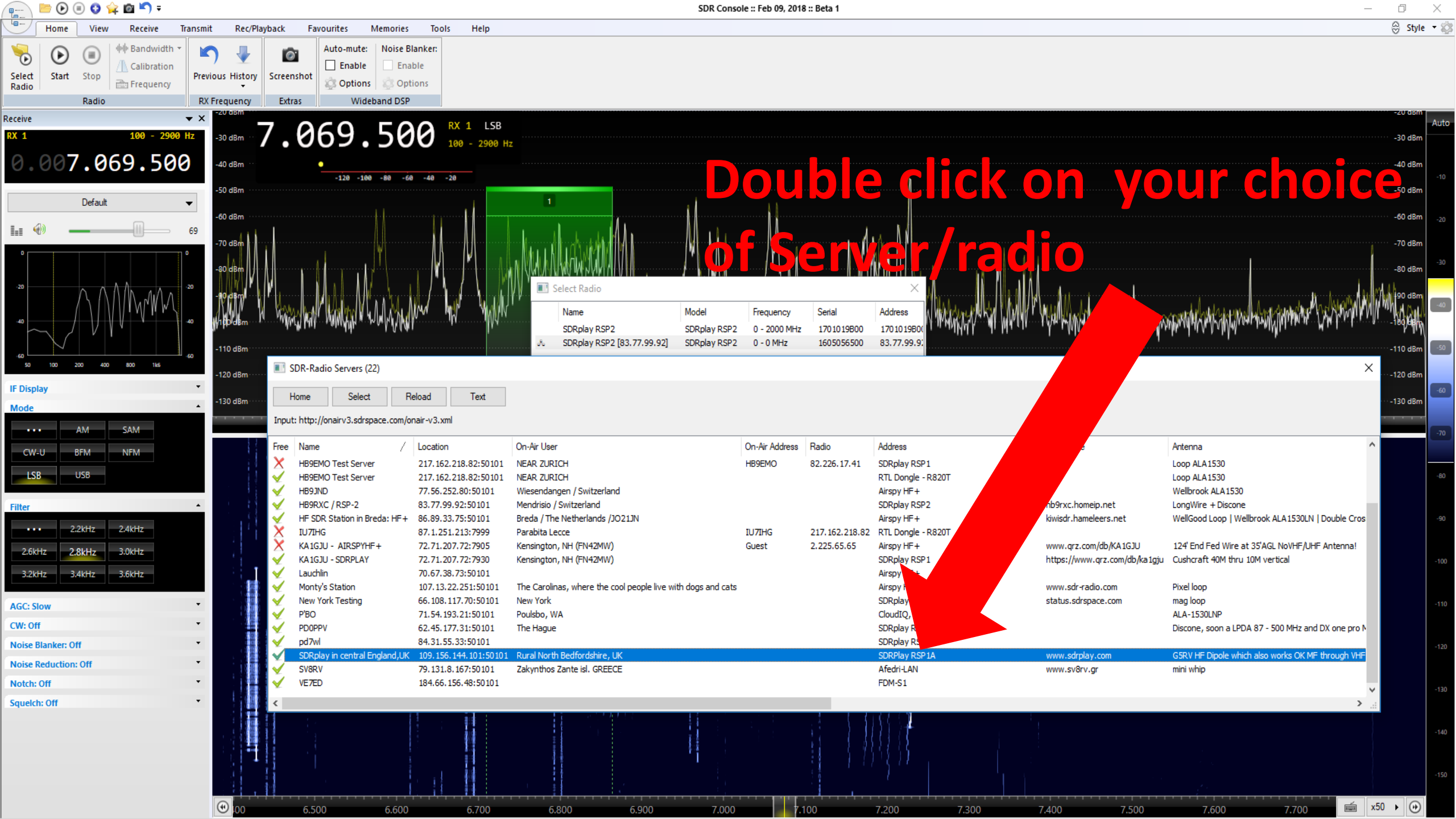

SDR Console :: Feb 09, 2018 :: Beta 1
Home
View
Receive
Transmit
Rec/Playback
Favourites
Memories
Tools
Help
Style
Select Radio
Bandwidth
Calibration
Frequency
Previous
History
RX Frequency
Screenshot
Extras
Auto-mute:
Enable
Options
Noise Blanker:
Enable
Options
Wideband DSP
Receive
RX 1
2900 Hz
Default
69
7.188.100
RX 1
LSB
100 - 2900 Hz
First, click here
Select Radio
Name
Model
Frequency
Serial
Addres
SDRPlay RSP1A [109.156.144.101]
SDRPlay RSP1A
0 - 0 MHz
1711000593
Initially ignore
any radios listed here
Bandwidth:
200 kHz
Start
Definitions...
Second, click here
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
Auto
x50

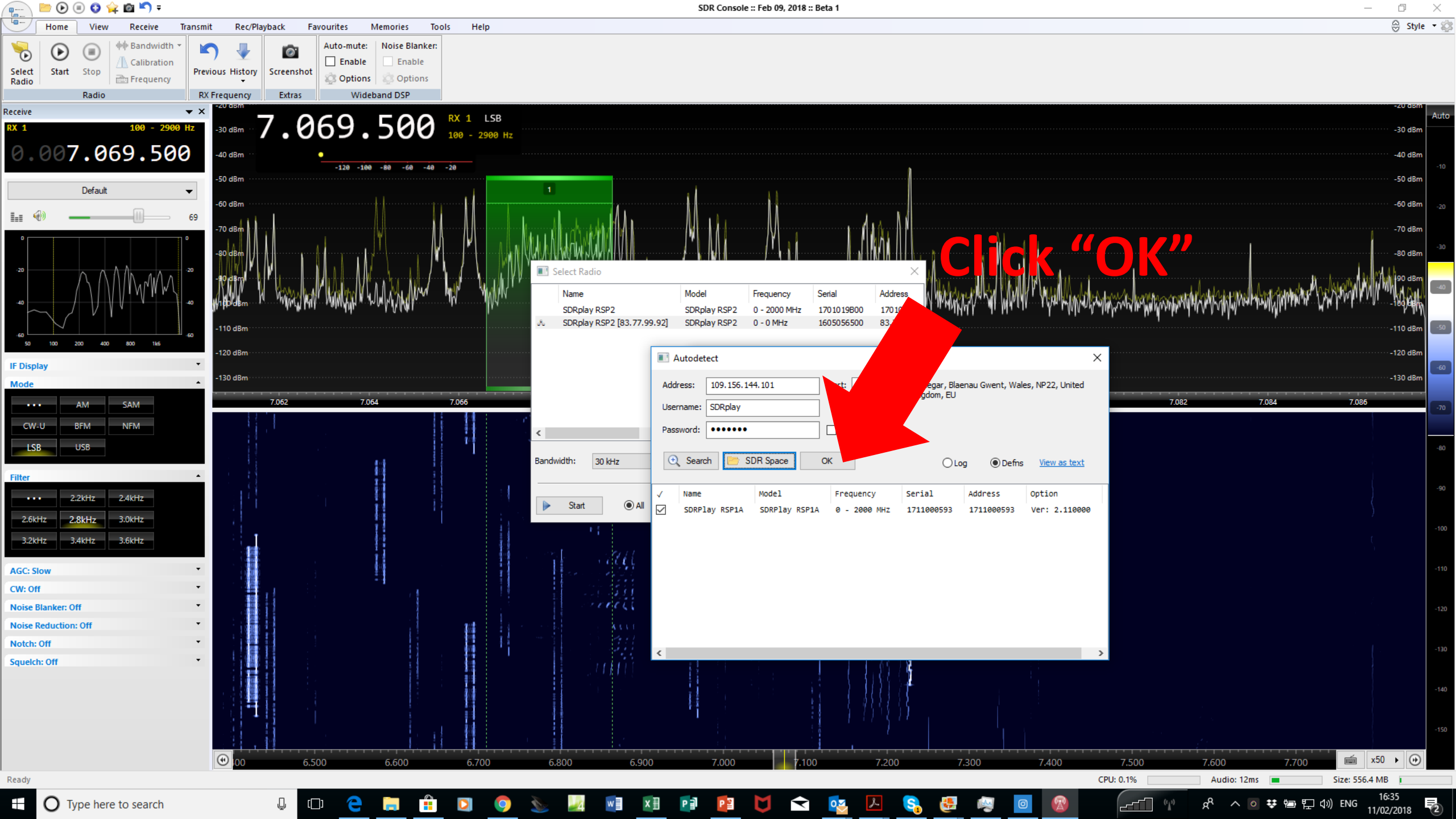

SDR Console :: Feb 09, 2018 :: Beta 1
Home
View
Receive
Transmit
Rec/Playback
Favourites
Memories
Tools
Help
Style
Select Radio
Start
Stop
Bandwidth
Calibration
Frequency
Radio
Previous
History
RX Frequency
Screenshot
Extras
Auto-mute:
Enable
Options
Noise Blanker:
Enable
Options
Wideband DSP
Receive
RX 1
100 - 2900 Hz
0.007.188.100
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
7.188.100
RX 1
LSB
100 - 2900 Hz
Auto
Select Radio
Name
Model
SDRPlay RSP1A [109.156.144.101]
SDRPlay RS
Bandwidth:
200 kHz
Start
Then, click
"Search"
Radio D
Search
Add
Edit
Delete
Text viewer
Enable
Name
Model
Frequency
Serial
SDRPlay RSP1A
0 - 0 MHz
171100059
SDRPlay RSP2
0 - 2000 MHz
1701019B0
Again, "Ignore"
any radios listed here
Show these options
Converter selection
Edit
Invert spectrum
Autostart options
Online help
Save
Cancel
x50

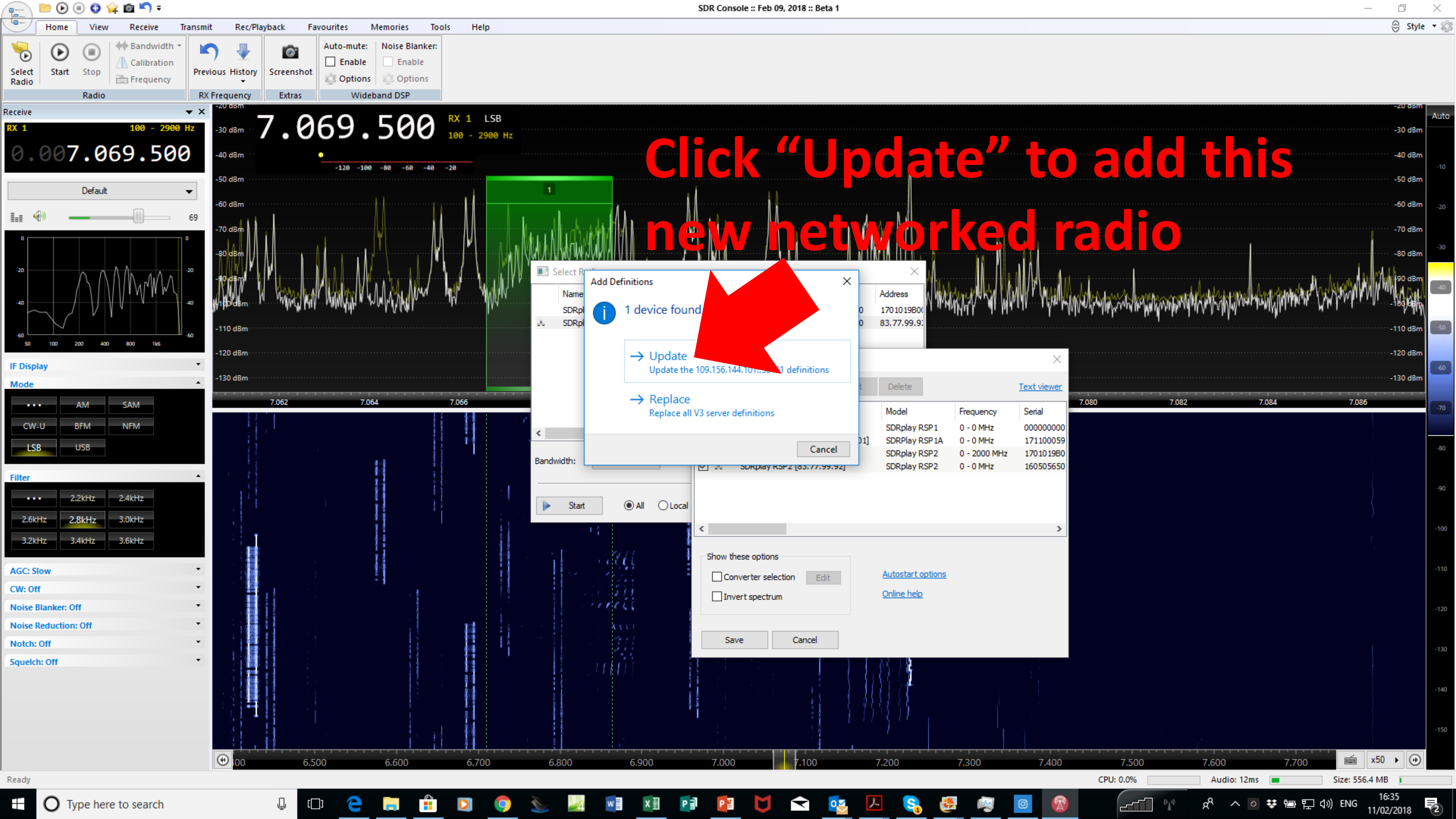

SDR Console :: Feb 09, 2018 :: Beta 1
Home
View
Receive
Transmit
Rec/Playback
Favourites
Memories
Tools
Help
Style
Select Radio
Start
Stop
Bandwidth
Calibration
Frequency
Radio
Previous
History
RX Frequency
Screenshot
Extras
Auto-mute:
Enable
Options
Noise Blanker:
Enable
Options
Wideband DSP
Receive
RX 1
100 - 2900 Hz
0.007.188.100
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
7.188.100
RX 1
LSB
100 - 2900 Hz
Auto
Select Radio
Name
Model
Frequency
Serial
SDRPlay RSP1A [109.156.144.101]
SDRPlay RSP1A
0 - 0 MHz
1711000593
Bandwidth:
200 kHz
Start
Radio Definitions
Search
Add
Edit
Delete
Text viewer
Afedri-SDR (LAN)
Afedri-SDR (USB)
Airspy
Airspy (SPY Server)
Airspy HF+
ANAN (OpenHPSDR)
bladeRF
ELAD FDM-S1/S2
Ettus Research (all models)
FUNcube Dongles
HackRF
LimeSDR
Microtelecom: Perseus
RFspace: CloudIQ, CloudSDR, NetSDR, SDR-IP
RFspace: SDR-IQ and SDR-14
RTL Dongle
RTL Dongle (TCP)
SDR MK1.5 Andrus
SDRplay
SoftRock (Si570)
SoftRock (XTAL)
V3 Server
Frequency
Serial
0 - 0 MHz
171100059
0 - 2000 MHz
1701019B0
Click on “V3 Server”


SDR Console :: Feb 09, 2018 :: Beta 1
Home
View
Receive
Transmit
Rec/Playback
Favourites
Memories
Tools
Help
Style
Select Radio
Start
Stop
Bandwidth
Calibration
Frequency
Radio
Previous
History
RX Frequency
Screenshot
Extras
Auto-mute:
Enable
Options
Noise Blanker:
Enable
Options
Wideband DSP
Receive
RX 1
100 - 2900 Hz
0.007.188.100
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
7.188.100
RX 1
LSB
100 - 2900 Hz
Auto
Click on “SDR Space” for list of active servers
Select Radio
Name
Model
Frequency
SDRPlay RSP1A [109.156.144.101]
SDRPlay RSP1A
0 - 0 MHz
Bandwidth:
200 kHz
Start
Autodetect
Address:
72.71.207.72
Username:
Guest
Password:
Hampton Falls, New Hampshire, 03844, United States, NA
Search
SDR Space
OK
Log
Defns
View as text
Name
Model
Frequency
Serial
Address
Option
SDRplay RSP1
SDRplay RSP1
0 - 2000 MHz
0000000001
0000000001
Ver: 2.110000
6.600
6.700
6.800
6.900
7.000
7.100
7.200
7.300
7.400
7.500
7.600
7.700
skype
Carl Chernan
is online


SDR Console :: Feb 09, 2018 :: Beta 1
Home
View
Receive
Transmit
Rec/Playback
Favourites
Memories
Tools
Help
Style
Select Radio
Start
Stop
Bandwidth
Calibration
Frequency
Radio
Previous
History
RX Frequency
Screenshot
Extras
Auto-mute:
Enable
Options
Noise Blanker:
Enable
Options
Wideband DSP
Receive
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
Expand box to see all radio & antenna info for each server
Select Radio
Name
Model
Frequency
Serial
Address
SDRplay RSP2
SDRplay RSP2
0 - 2000 MHz
1701019B00
SDRplay RSP2 [83.77.99.92]
SDRplay RSP2
0 - 0 MHz
1605056500
Bandwidth:
30 kHz
Start
SDR-Radio Servers (22)
Home
Select
Reload
Text
Input: http://onairv3.sdrspace.com/onair-v3.xml
Free
Name
Location
On-Air User
Gerard's Station
144.131.48.237:50101
Park Orchards, Victoria, Australia
HB9EMO Test Server
217.162.218.82:50101
NEAR ZURICH
HB9JND
77.56.252.80:50101
Wiesendangen / Switzerland
HB9RXC / RSP-2
83.77.99.92:50101
Mendrisio / Switzerland
HF SDR Station in Breda: HF+
86.89.33.75:50101
Breda / The Netherlands /JO21JN
IU7IHG
87.1.251.213:7999
Parabita Lecce
KA1GJU - AIRSPYHF+
72.71.207.72:7905
Kensington, NH (FN42MW)
KA1GJU - SDRPLAY
72.71.207.72:7930
Kensington, NH (FN42MW)
Lauchlin
70.67.38.73:50101
Monty's Station
107.13.22.251:50101
The Carolinas, where the cool people live with dogs
New York Testing
66.108.117.70:50101
New York
P'BO
71.54.193.21:50101
Poulsbo, WA
PD0PPV
62.45.177.31:50101
The Hague
SDRplay in central England,UK
109.156.144.101:50101
Rural North Bedfordshire, UK
SV8RV
79.131.8.167:50101
Zakynthos Zante isl. GREECE
VE7ED
184.66.156.48:50101
WB2ZXJ's SDR
68.195.124.211:50101
Matawan NJ, USA
Auto
x50


SDR Console :: Feb 09, 2018 :: Beta 1
Home
View
Receive
Transmit
Rec/Playback
Favourites
Memories
Tools
Help
Style
Select Radio
Start
Stop
Bandwidth
Calibration
Frequency
Radio
Previous
History
RX Frequency
Screenshot
Extras
Auto-mute:
Enable
Options
Noise Blanker:
Enable
Options
Wideband DSP
Receive
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
Auto
Double click on your choice of Server/radio
Select Radio
Name
Model
Frequency
Serial
Address
SDRplay RSP2
SDRplay RSP2
0 - 2000 MHz
1701019B00
SDRplay RSP2 [83.77.99.92]
SDRplay RSP2
0 - 0 MHz
1605056500
SDR-Radio Servers (22)
Home
Select
Reload
Text
Input: http://onairv3.sdrspace.com/onair-v3.xml
Free
Name
Location
On-Air User
On-Air Address
Radio
Address
Antenna
HB9EMO Test Server
217.162.218.82:50101
NEAR ZURICH
HB9EMO
82.226.17.41
SDRplay RSP1
Loop ALA1530
HB9EMO Test Server
217.162.218.82:50101
NEAR ZURICH
RTL Dongle - R820T
Loop ALA1530
HB9JND
77.56.252.80:50101
Wiesendangen / Switzerland
Airspy HF+
Wellbrook ALA1530
HB9RXC / RSP-2
83.77.99.92:50101
Mendrisio / Switzerland
SDRplay RSP2
hb9rxc.homeip.net
LongWire + Discone
HF SDR Station in Breda: HF+
86.89.33.75:50101
Breda / The Netherlands /JO21JN
Airspy HF+
kiwisdr.hameleers.net
WellGood Loop | Wellbrook ALA1530LN | Double Cros
IU7IHG
87.1.251.213:7999
Parabita Lecce
IU7IHG
217.162.218.82
RTL Dongle - R820T
KA1GJU - AIRSPYHF+
72.71.207.72:7905
Kensington, NH (FN42MW)
Guest
2.225.65.65
Airspy HF+
www.qrz.com/db/KA1GJU
124' End Fed Wire at 35'AGL NoVHF/UHF Antenna!
KA1GJU - SDRPLAY
72.71.207.72:7930
Kensington, NH (FN42MW)
SDRplay RSP1
https://www.qrz.com/db/ka1gju
Cushcraft 40M thru 10M vertical
Lauchlin
70.67.38.73:50101
Monty's Station
107.13.22.251:50101
The Carolinas, where the cool people live with dogs and cats
www.sdr-radio.com
Pixel loop
New York Testing
66.108.117.70:50101
New York
status.sdrspace.com
mag loop
P'BO
71.54.193.21:50101
Poulsbo, WA
ALA-1530LNP
PD0PPV
62.45.177.31:50101
The Hague
Discone, soon a LPDA 87 - 500 MHz and DX one pro
pd7wl
84.31.55.33:50101
SDRplay in central England,UK
109.156.144.101:50101
Rural North Bedfordshire, UK
SDRplay RSP1A
www.sdrplay.com
G5RV HF Dipole which also works OK MF through VHF
SV8RV
79.131.8.167:50101
Zakynthos Zante isl. GREECE
Afedri-LAN
www.sv8rv.gr
mini whip
VE7ED
184.66.156.48:50101
FDM-S1
6.500
6.600
6.700
6.800
6.900
7.000
7.100
7.200
7.300
7.400
7.500
7.600
7.700
x50


SDR Console :: Feb 09, 2018 :: Beta 1
Home
View
Receive
Transmit
Rec/Playback
Favourites
Memories
Tools
Help
Style
Select Radio
Start
Stop
Bandwidth
Calibration
Frequency
Previous
History
Screenshot
Auto-mute:
Enable
Options
Noise Blanker:
Enable
Options
Radio
RX Frequency
Extras
Wideband DSP
Receive
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
Auto
Click “OK”
Select Radio
Name
Model
Frequency
Serial
Address
SDRplay RSP2
SDRplay RSP2
0 - 2000 MHz
1701019B00
SDRplay RSP2 [83.77.99.92]
SDRplay RSP2
0 - 0 MHz
1605056500
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
SDRplay RSP1A
SDRplay RSP1A
0 - 2000 MHz
1711000593
1711000593
Ver: 2.110000
x50
Ready
CPU: 0.1%
Audio: 12ms
Size: 556.4 MB
Type here to search
ENG
16:35
11/02/2018

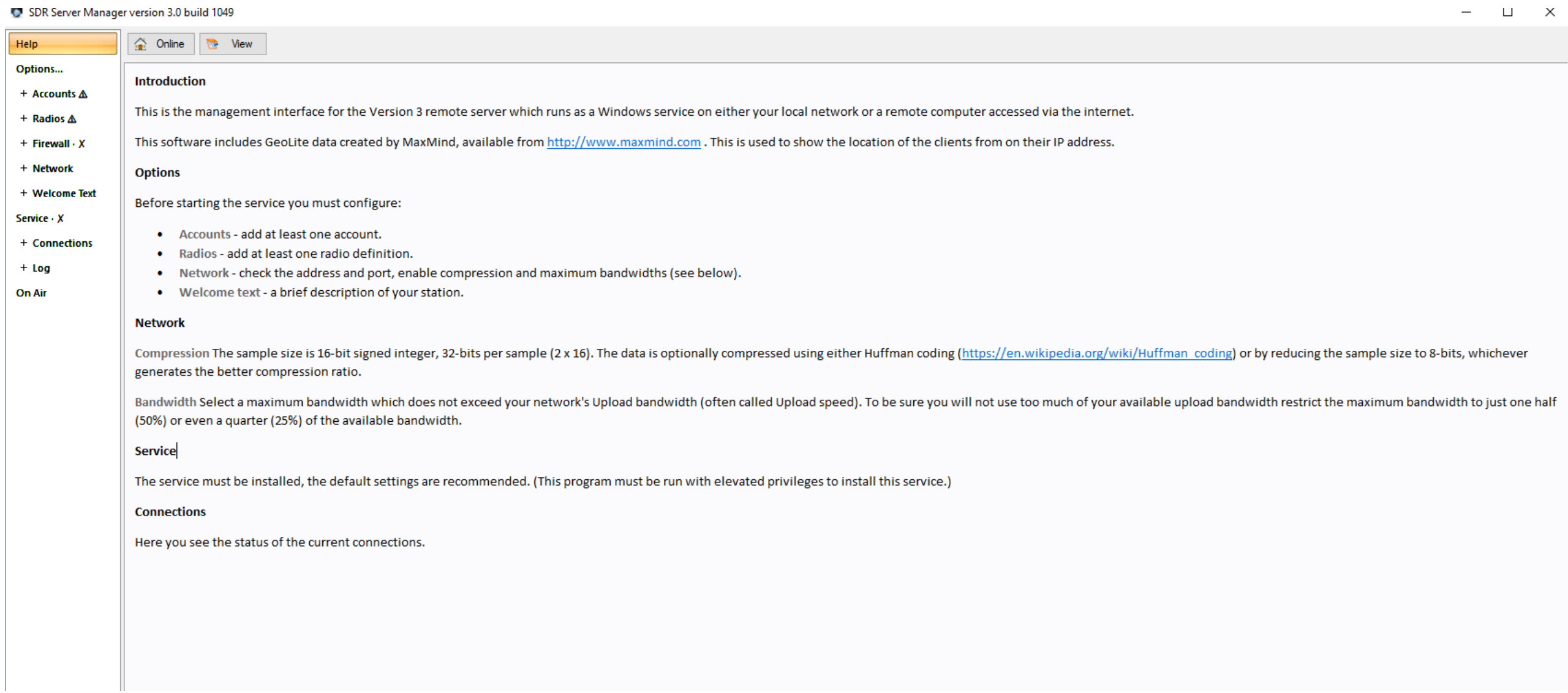

Click “Update” to add this new networked radio
SDR Console :: Feb 09, 2018 :: Beta 1
Home
View
Receive
Transmit
Rec/Playback
Favourites
Memories
Tools
Help
Select Radio
Start
Stop
Bandwidth
Calibration
Frequency
Previous
History
Screenshot
Auto-mute:
Enable
Options
Noise Blanker:
Radio
RX Frequency
Extras
Wideband DSP
7.069.500
RX 1
LSB
100 - 2900 Hz
Add Definitions
1 device found
Update
Replace
Replace all V3 server definitions
Cancel
Delete
Text viewer
Model
Frequency
Serial
SDRplay RSP1
SDRplay RSP1A
SDRplay RSP2
Show these options
Converter selection
Invert spectrum
Autostart options
Online help
Save
Default
IF Display
Mode
AM
SAM
CW-U
BFM
NFM
LSB
USB
Filter
AGC: Slow
CW: Off
Noise Blanker: Off
Noise Reduction: Off
Notch: Off
Squelch: Off
Ready
CPU: 0.0%
Audio: 12ms
Size: 556.4 MB
Type here to search
16:35
11/02/2018


SDR Console :: Feb 09, 2018 :: Beta 1
Home
View
Receive
Transmit
Rec/Playback
Favourites
Memories
Tools
Help
Style
Select Radio
Start
Stop
Bandwidth
Calibration
Frequency
Radio
Previous
History
RX Frequency
Screenshot
Extras
Auto-mute:
Enable
Options
Noise Blanker:
Enable
Options
Wideband DSP
Receive
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
Auto
Highlight your newly chosen radio
Select Radio
Name
Model
Frequency
Serial
Add
SDRplay RSP1A [109.156.144.101]
SDRplay RSP2
0 - 0 MHz
1711000593
SDRplay RSP2
0 - 2000 MHz
1701019B00
Bandwidth:
200 kHz
Start
All
Local
Server
Definitions...
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…


SDR Console :: Feb 09, 2018 :: Beta 1
Home
View
Receive
Transmit
Rec/Playback
Favourites
Memories
Tools
Help
Style
Disable Screensaver
DX Cluster
Server Manager
DirectX Diagnostics
Logfile
Registry
Files
Options
General
Settings
Receive
RX 1
7.073.000
100 - 2900 Hz
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
Auto
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…



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”