



nesdr_driver_installer_for_windows.exe

Completed — 4.9 MB

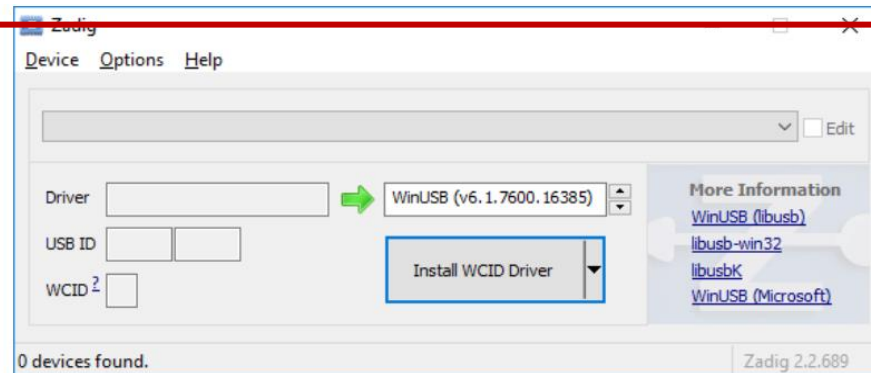
noelec neSDR SMArT SDR Zidag Software Driver Installation

<https://support.noelec.com/hc/en-us/articles/360005298053-NESDR-Installation-Guide>

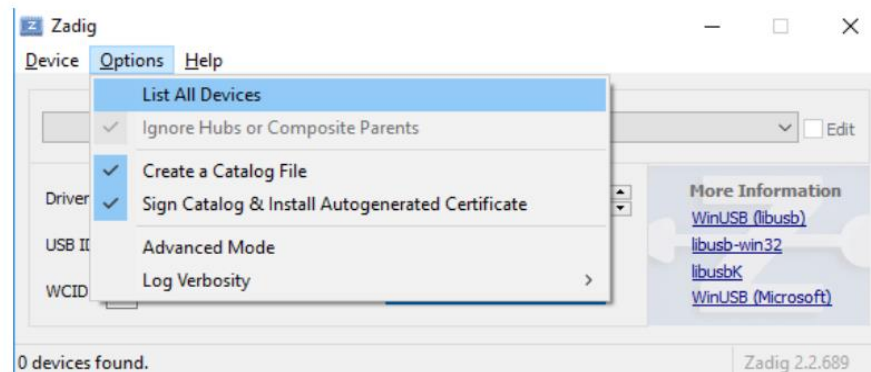
This driver is required to use RTL-SDR compatible SDR software on Windows operating systems.

[Click here to download the latest version of Zadig, used to install the SDR driver for your NESDR.](#) The driver is required to use RTL-SDR compatible SDR software on Windows operating systems.

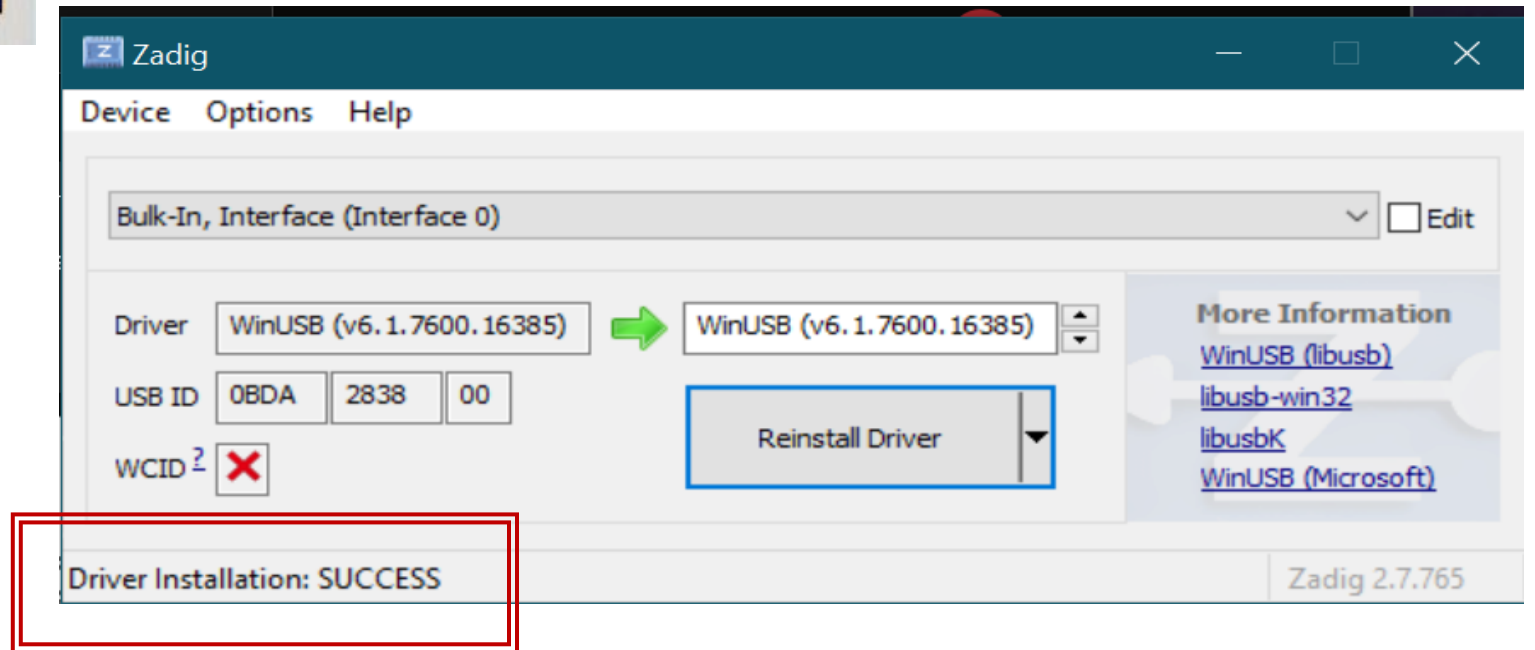
1. Plug your NESDR into an available USB port
2. Open the 'NESDR Driver Installer', Zadig, by clicking the link above



3. Select 'List All Devices' from the 'Options' menu



nooelec neSDR SMaRT SDR Zidag Software Driver Installation



AIRSPY SDR# Studio v1.0.0.1919 - RTL-SDR USB

001.420.405.000

IF Average *

☒ Window *KamSoft v. 2.7*

FFT resolution: 512

Intermediate average: 100

Gain: 249

Level: 1000

Dynamic averaging: 855900

Reset ave. Reset backgr.

Stop Acq. backgr.

Save single

Multiple files

Number of files to save: 900

Delay between rec. [s]: 0

Path: C:\RTdata

Files name: dummy

Stop Multiple save

Radio

☐ N... ☐ AM ☐ LSB ☐ USB

☐ W... ☐ D... ☐ CW ☒ RA...

☐ Shift

Filter: Blackman-Harr

Bandwidth: 10,000

Order: 1,000

☐ Squelch: 50

CW Shift: 1,000

Source: RTL-SDR USB

Device: E4000

Generic RTL2832U OEM (1)

Sample Rate: 2.4 MSPS

Sampling Mode: Quadrature sampling

☐ Offset Tuning

☐ RTL AGC

☐ Tuner AGC

RF Gain: 42 dB

Frequency correction (p): 0

Display

Theme: Fluent Dark

View: Both

Window: Blackman-Harr

Resolution: 262144

Style: Static Gradient

Marker Color:

Gradient: Sharp

☐ Mark Peaks ☐ Time Markers

Smoothing

S-Attack

S-Decay

W-Attack

W-Decay

Spectrum

Speed

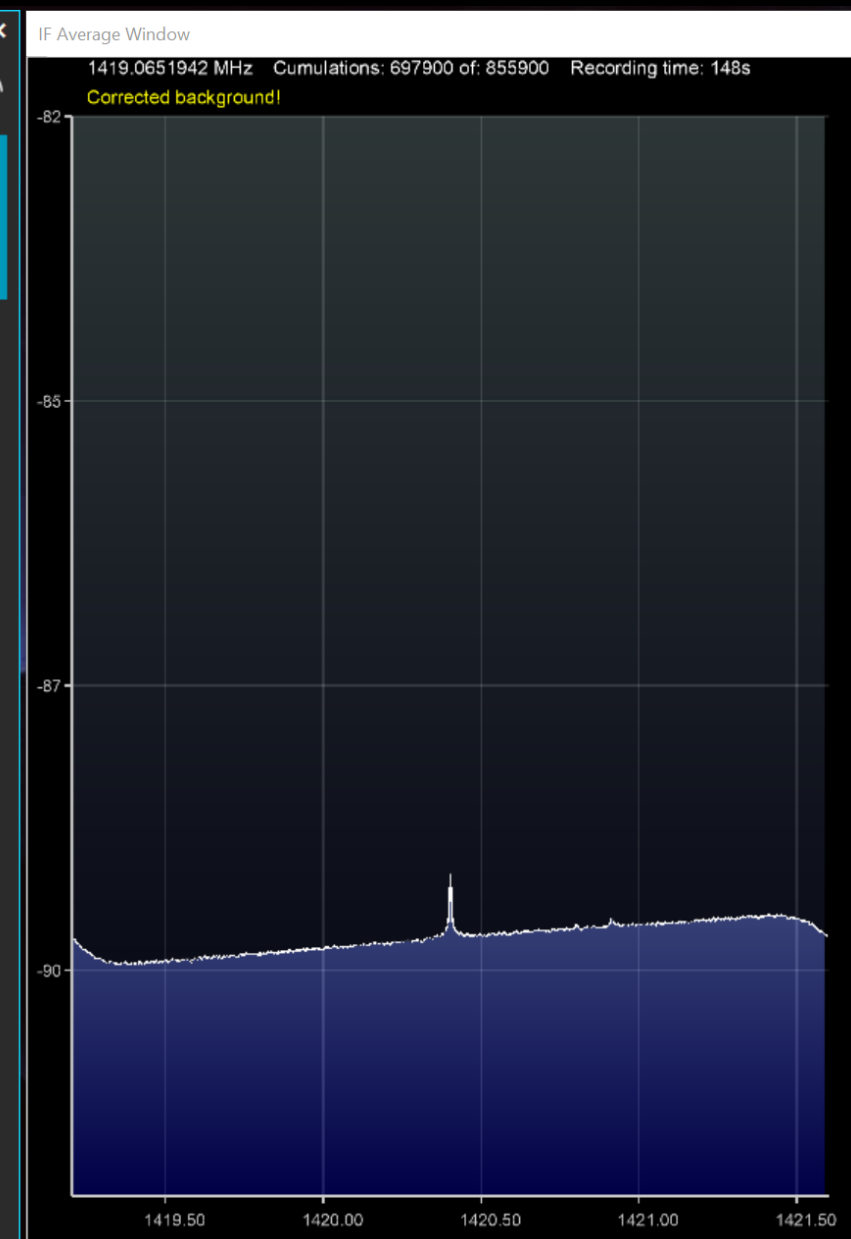
Zoom

Contrast

Range

Offset

Micro Tuner FM MPX Spectrum IF Spectrum



AIRSPY SDR# Studio v1.0.0.1919 - RTL-SDR USB

1.420.405.000

Set Center Freq & Center Tuning

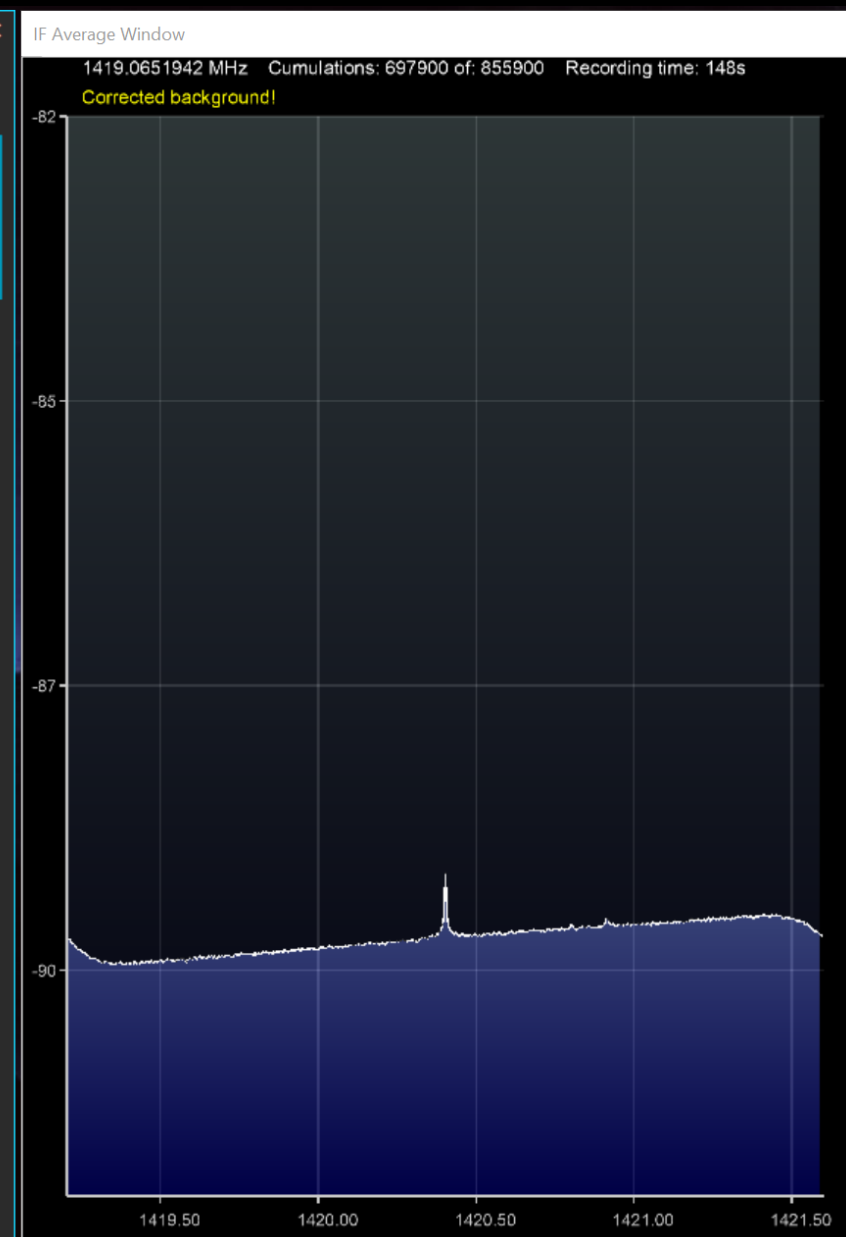
IF Average *
Window KamSoft v. 2.7
FFT resolution 512
Intermediate average 100
Gain 249
Level 1000
Dynamic averaging 855900
Reset ave. Reset backgr.
Stop Acq. backgr.
Save single

Radio
N... AM LSB USB
W... D... CW RA...
Shift 0
Filter Blackman-Harr
Bandwidth 10,000
Order
Squelch
CW Shift 1,000

Source: RTL-SDR USB
Device E4000
Generic RTL2832U OEM (1)
Sample Rate 2.4 MSPS
Sampling Mode Quadrature sampling
Offset Tuning
RTL AGC
Tuner AGC
RF Gain 42 dB
Frequency correction (p) 0

Display
Theme Fluent Dark
View Both
Window Blackman-Harr
Resolution 262144
Style Static Gradient
Marker Color
Gradient Sharp
Mark Peaks
Time Markers
Smoothing
S-Attack
S-Decay
W-Attack
W-Decay
Spectrum
Speed

Micro Tuner FM MPX Spectrum IF Spectrum





AIRSPY SDR# Studio v1.0.0.1919 - RTL-SDR USB

IF Average * AIRSPY

Radio

☐ N... ☐ AM ☐ LSB ☐ USB
☐ W... ☐ D... ☐ CW ☒ RA...

☐ Shift

Filter

Order

☐ Squelch

CW Shift

Sets Audio Only

Source: RTL-SDR USB

Device: E4000
Generic RTL2832U OEM (1)

Sample Rate: 2.4 MSPS

Sampling Mode: Quadrature sampling

☐ Offset Tuning
☐ RTL AGC
☐ Tuner AGC

RF Gain: 42 dB

Frequency correction (p): 0

IF Spectrum



AIRSPY SDR# Studio v1.0.0.1919 - RTL-SDR USB

001.420.405.000

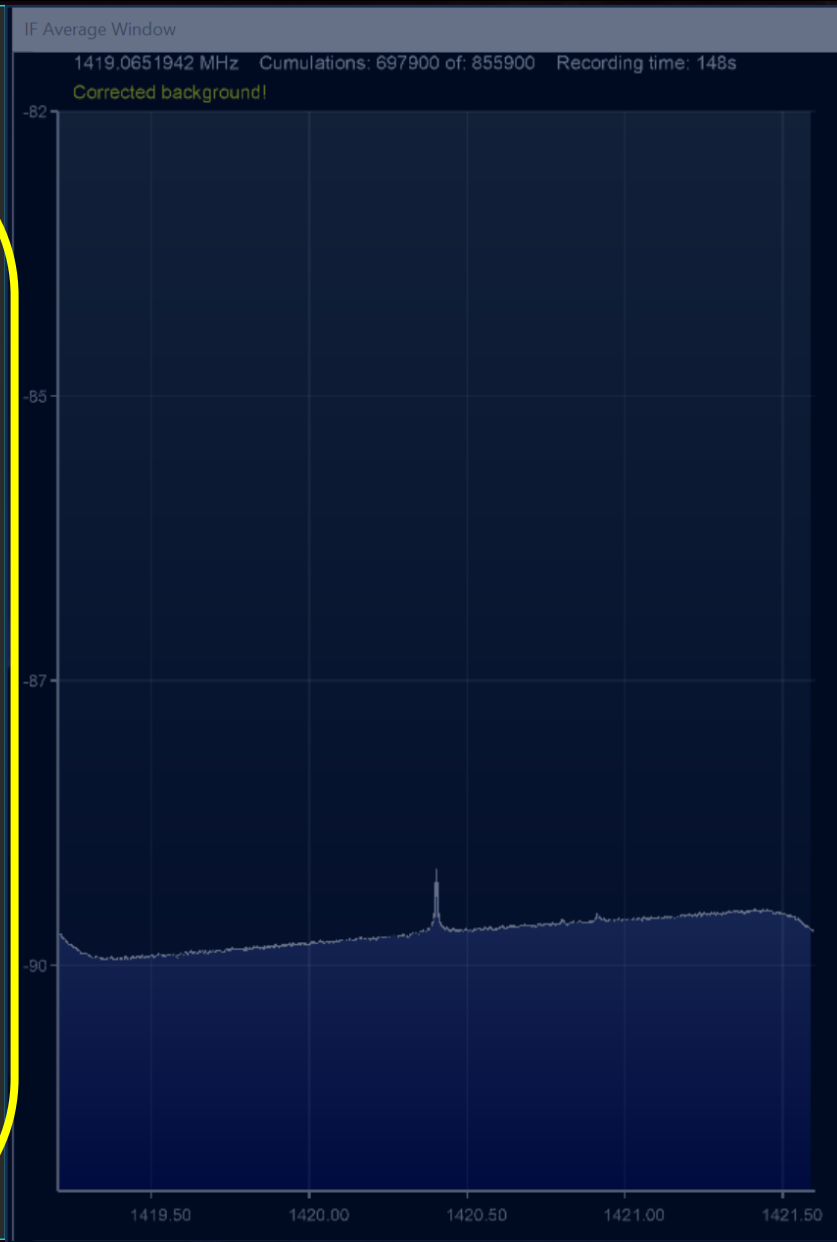
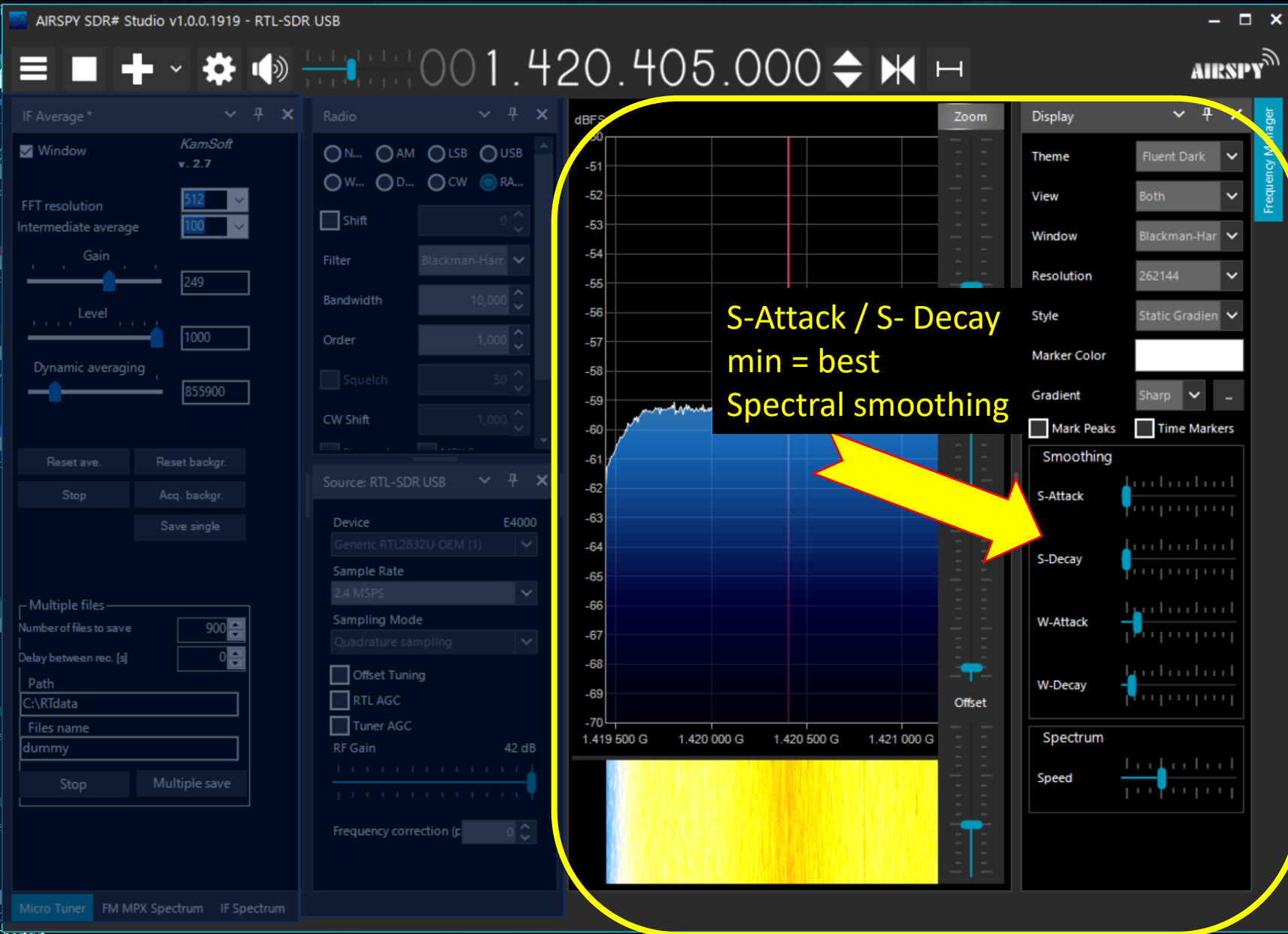
IF Average *
Window KamSoft v. 2.7
FFT resolution 512
Intermediate average 100
Gain 249
Level 1000
Dynamic averaging 855900
Reset ave. Reset backgr.
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Save single

Radio
N... AM LSB USB
W... D... CW RA...
Shift 0
Filter Blackman-Harr
Bandwidth 10,000
Order 1,000
Squelch 50
CW Shift 1,000

Source: RTL-SDR USB
Device E4000
Generic RTL2832U OEM (1)
Sample Rate 2.4 MSPS
Sampling Mode Quadrature sampling
Offset Tuning
RTL AGC
Tuner AGC
RF Gain 42 dB
Frequency correction (p) 0

S-Attack / S- Decay
min = best
Spectral smoothing

Zoom
Display
Theme Fluent Dark
View Both
Window Blackman-Har
Resolution 262144
Style Static Gradient
Marker Color
Gradient Sharp
Mark Peaks
Time Markers
Smoothing
S-Attack
S-Decay
W-Attack
W-Decay
Spectrum
Speed



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001.420.405.000

IF Average *

- ☒ Window
- KamSoft v. 2.7
- FFT resolution: 512
- Intermediate average: 100
- Gain: 249
- Level: 1000
- Dynamic averaging: 855900
- Reset ave.
- Reset backgr.
- Stop
- Acq. backgr.
- Save single

Multiple files

- Number of files to save: 900
- Delay between rec. [s]: 0
- Path: C:\RTdata
- Files name: dummy
- Stop
- Multiple save

Radio

- Mode: N... AM LSB USB W... D... CW RA...
- Filter: Blackman-Harr
- Bandwidth: 10.0
- Order: 50
- CW Shift: 1,000
- Source: RTL-SDR USB
- Device: E4000
- Generic RTL2832U OEM (1)
- Sample Rate: 2.4 MSPS
- Sampling Mode: Quadrature sampling
- Offset Tuning
- RTL AGC
- Tuner AGC
- RF Gain: 42 dB
- Frequency correction [p]: 0

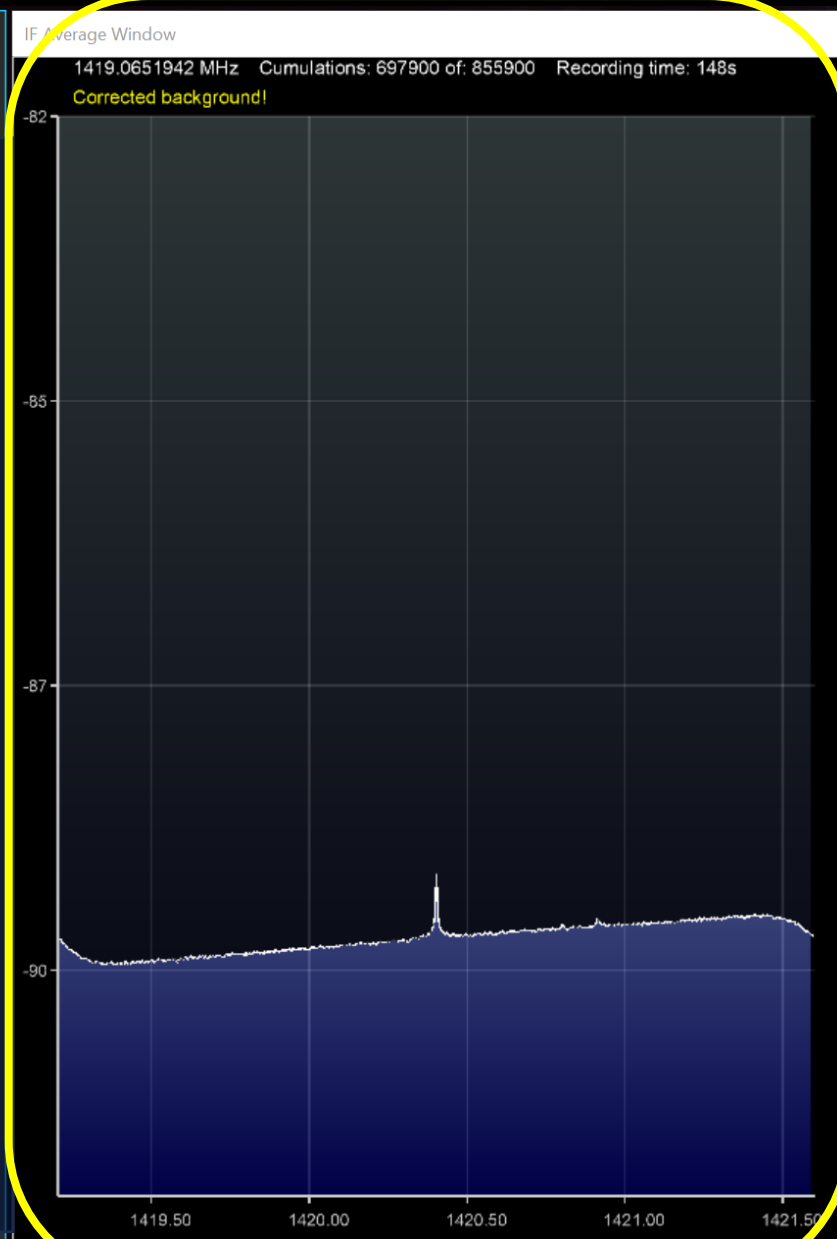
IF Avg Control Window & Spectral Display

Display

- Theme: Fluent Dark
- View: Both
- Window: Blackman-Har
- Resolution: 262144
- Style: Static Gradien
- Marker Color
- Gradient: Sharp
- ☐ Mark Peaks ☐ Time Markers
- Smoothing
 - S-Attack
 - S-Decay
 - W-Attack
 - W-Decay
- Spectrum
 - Speed

Frequency Manager

Micro Tuner FM MPX Spectrum IF Spectrum

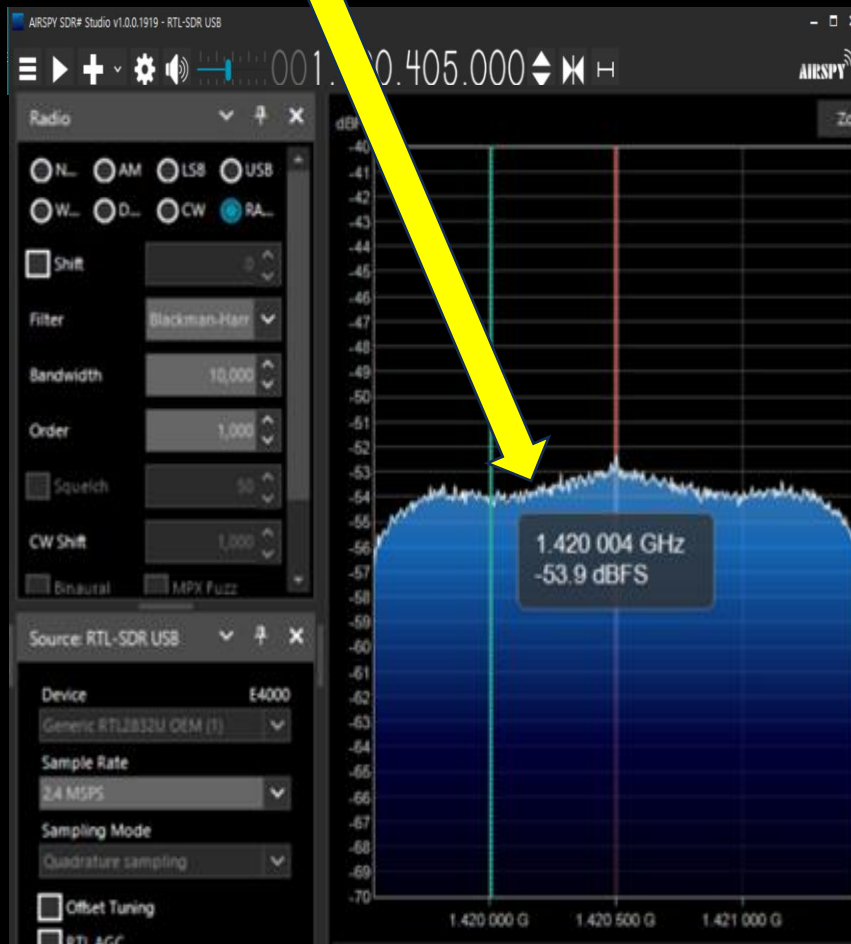


QUICK System Verification using Load/Open on *nooelec* SAWbirdH1 LNA Input

Set RF Gain max @ 42 dB



53.9 - 58.1 =
4.2 dB difference



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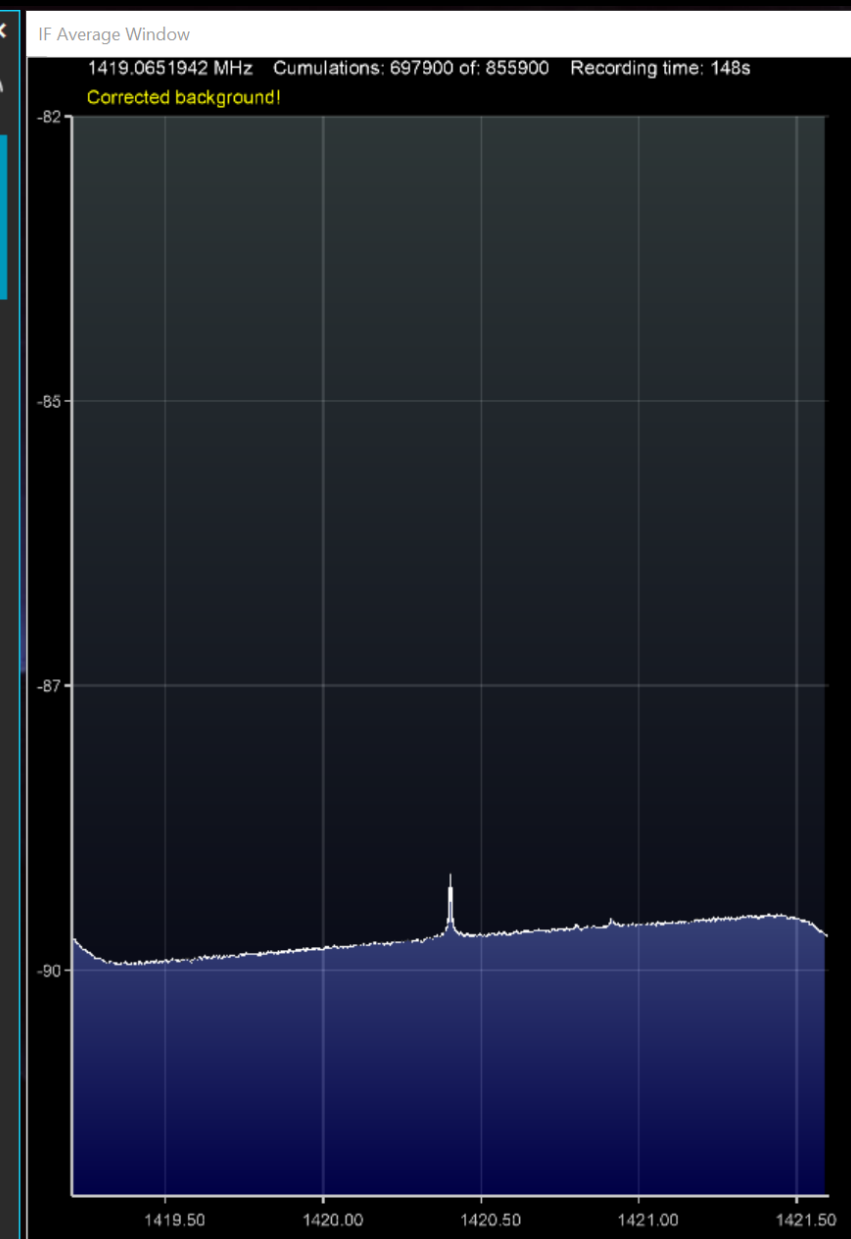
Zoom

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Range

Offset

Micro Tuner FM MPX Spectrum IF Spectrum



AirSpy SDR# > Kaminski IF_avg Plugin > HLine3D > Rinearn Graphics

