

Waterfall ID for FreeDV+

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1. Download the EasyPal app from:
http://www.vk3evl.com/easypal_files/setup/EasyPal-07-OCT-2014-Setup.exe
2. Create the waterfall ID .wav file and install in the FreeDV Voice Keyer

1. Open EasyPal.
2. Make a .wav file per the directions under “The WFTEXT Command” paragraph on p. 26 of the EasyPal PDF document.

<https://web.archive.org/web/20161202003546/http://w3jjj.com/EasyPal/EasyPal.pdf>

EasyPal will store the new waterfall ID .wav file in the following folder in your PC:

C:\Users\Username\AppData\Roaming\EasyPal\UserWaveFiles-N

(Windows 10)

3. Move the .wav file to a convenient location in the PC used for FreeDV+.
4. In the FreeDV app: Tools --> Options --> Voice Keyer, Wave File
Using the “Choose” button, replace the “voicekeyer.wav” file with your new waterfall ID .wav file.

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3. **Transmit the waterfall ID at the end of a FreeDV+ QSO**
 1. **Transmit FreeDV+ with an .avi video clip with the TXfftCO5L and FreeDV apps. At the end of the QSO:**
 2. **Click on the FreeDV “PTT” button (to go back to receive mode).**
 3. **Mute the Voicemeeter Virtual Input or Hardware Out (“M” button) to disable the video component of the FreeDV+ signal.**
 4. **Click on the FreeDV “Analog” button.**
 5. **Click on the FreeDV “Voice Keyer” button to begin transmitting the waterfall ID (monitor the WinWarbler waterfall on a PC connected to a monitor receiver).**
 6. **Click again on the FreeDV “Voice Keyer” button (to go back to receive mode).**

- NOTES:**
1. **The waterfall ID covers about 100 Hz to 800 Hz on the waterfall, so, to properly view it, the receiving station may have to adjust the waterfall horizontal frequency scaling (and also the vertical waterfall speed).**
 2. **Don't forget to un-mute the Voicemeeter Mute function if you want to resume transmitting video.**
 3. **See Figure 1, p. 5 for a screenshot of the waterfall ID from WA6NUT, transmitted after a FreeDV+ QSO. Note the frequency scaling and the waterfall speed “WF rate” set to “slow.”**

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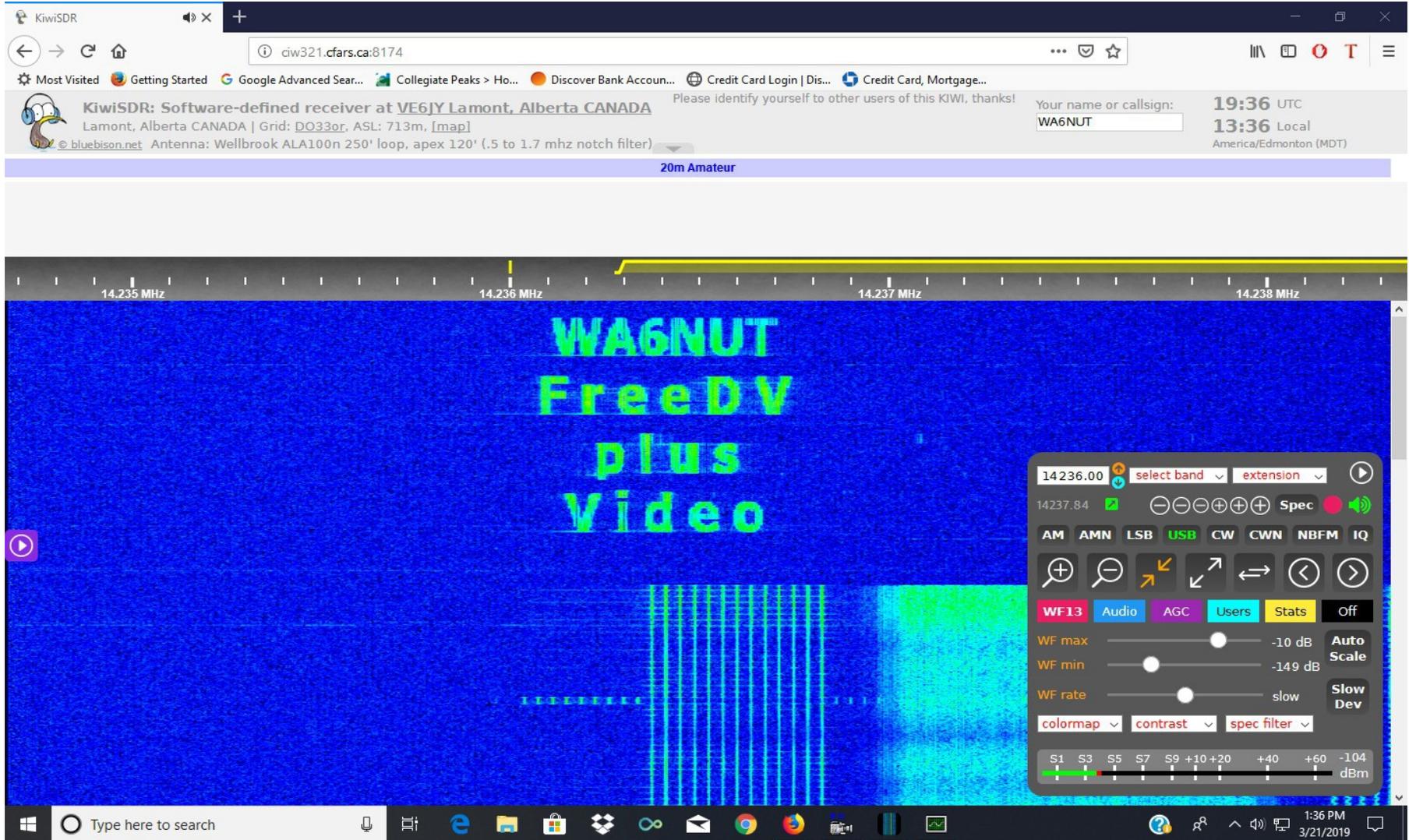


Figure 1: WA6NUT Waterfall ID received at VE6JY, near Edmonton, Alberta