

PowerSDR TX Waterfall ID:

NOTE: Make sure Wave->Options->Post Audio is set for transmit and receive.

Type your call sign into the box at the top of the screen, move your mouse out of the box, and wait for it to go Green.

To send it, hit the "TX WaterID" button.

It does not matter what Sample Rate your Radio is set for (Setup->General->Audio->Primary), but Lower Sample rates (48k or 96k show up better than 192k. This is because the resolution of the display is always 4096 data points for the entire display, no matter what the Sample Rate. So a Lower Sample Rate means higher resolution. But it always transmits at 48k SR no matter what the radio is set at.

If you want more gain output on the image go to Wave->TX Gain and increase it. And you can also increase the Drive. Just don't exceed the ALC

To see what your transmitting better, hit the auto water level button as its transmitting. Also hit the GrayWtr button at the top, and it will show up better transmitting and receiving Waterfall ID's. Easypal uses Waterfall ID's as well.

The Speed of your waterfall (Setup->Display->FPS) will affect how it looks (stretched out or crunched) when receiving. When you transmit your FPS does not affect what others will see, just how it looks in the waterfall on your radio.

WaterID Images:

Right Click on the Callsign window at the top. A folder will open where you can place small 24bit grayscale or color bitmap images. (i.e. test.bmp)

To transmit the bitmap image, type in the name of the file with a . at the end (ie. test.) Wait for the window to turn Green, Now hit the "TX WaterID" button

Same conditions apply to image as a Text Call sign as far as output level, SR, graywtr, etc..