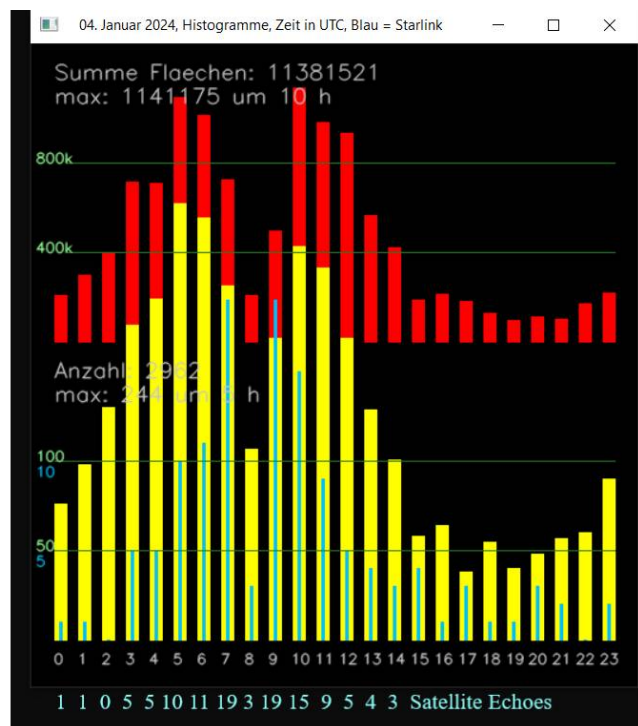


I would like to change the title so that it is a bit more descriptive.

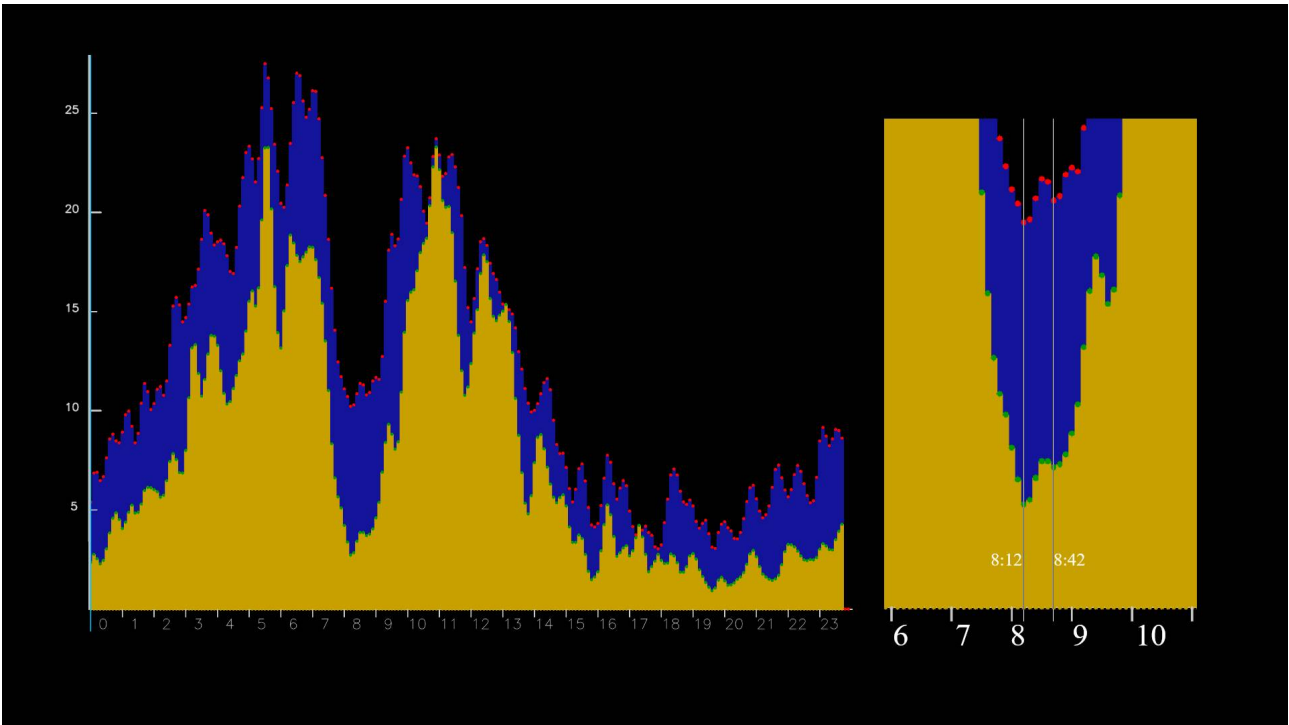
## About the jagged Spectrograms of Meteors close to the Quadrantids 2024 Notch

I would also like to swap Figure 2 and Figure 3 and add another plot after the notch at 9:58 because of the importance of the spectrograms.

I forgot Felix's literature.



*Figure 2* – The yellow histogram shows the rate and the red histogram shows the rate weighted by the sizes of the meteors. However, the red histogram at the maximum of the Quadrantids is heavily overloaded. The notch at 8h AM is clearly pronounced. The blue histogram usually shows satellite echoes. Near the notch, the number of satellites increases toward the center of the notch, indicating an artefact, see text.  
**Danke, Stefanie.**



**Draft**

Figure 3 – The figure shows a histogram with a time resolution of 6 minutes. This allows details such as the In-Line-Peak to be displayed. The histograms are smoothed with a fixed Gaussian like filter with the coefficients 0.31, 0.74, 1.0, 0.74 and 0.31.

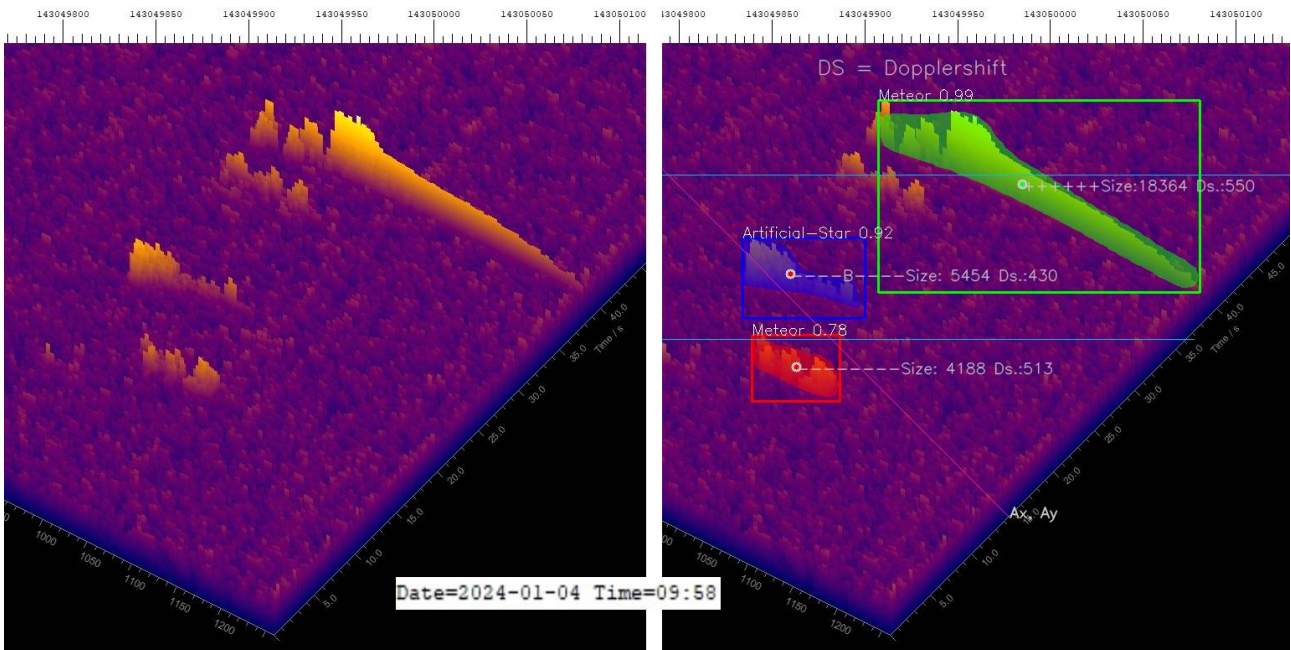


Figure nn – 9h58m AM. Of the four echoes, only two are recognized as meteors. The red echo also has a bad score of 0.78, the blue echo is recognized as a satellite and an echo is not recognized at all.

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