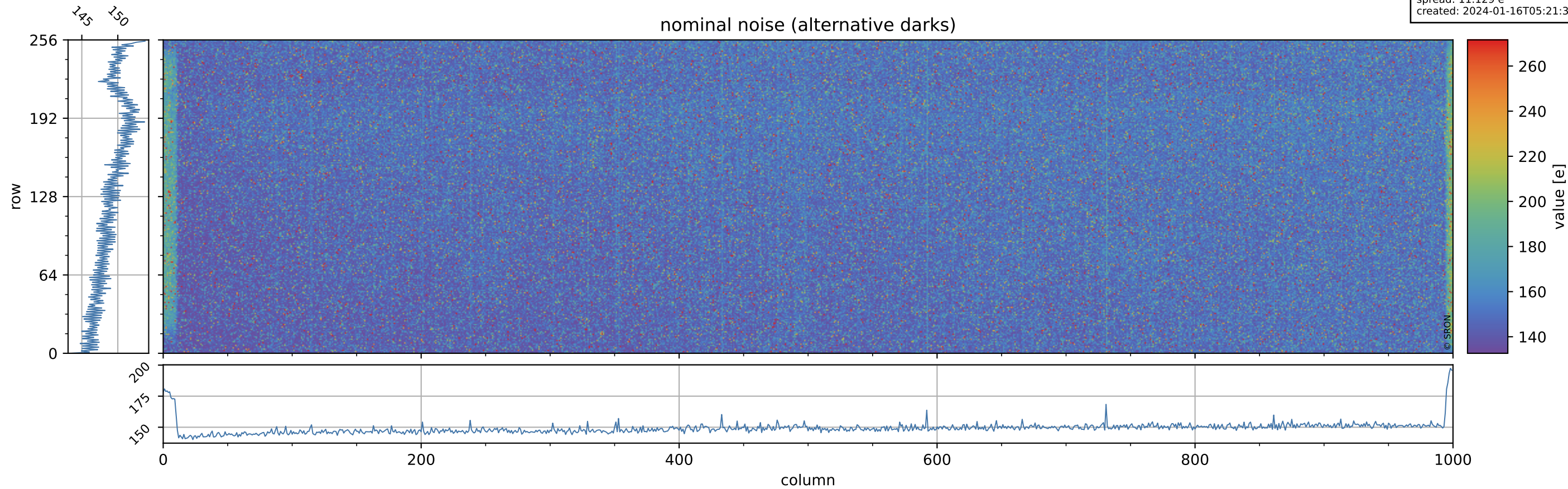


# Tropomi SWIR background noise (swir)

orbits: 13 in [32347, 32422]  
coverage: 2024-01-09 / 2024-01-15  
n\_coad, t\_exp: 1, 1.0783  
median: 148.98 e  
spread: 11.129 e  
created: 2024-01-16T05:21:31Z

## nominal noise (alternative darks)

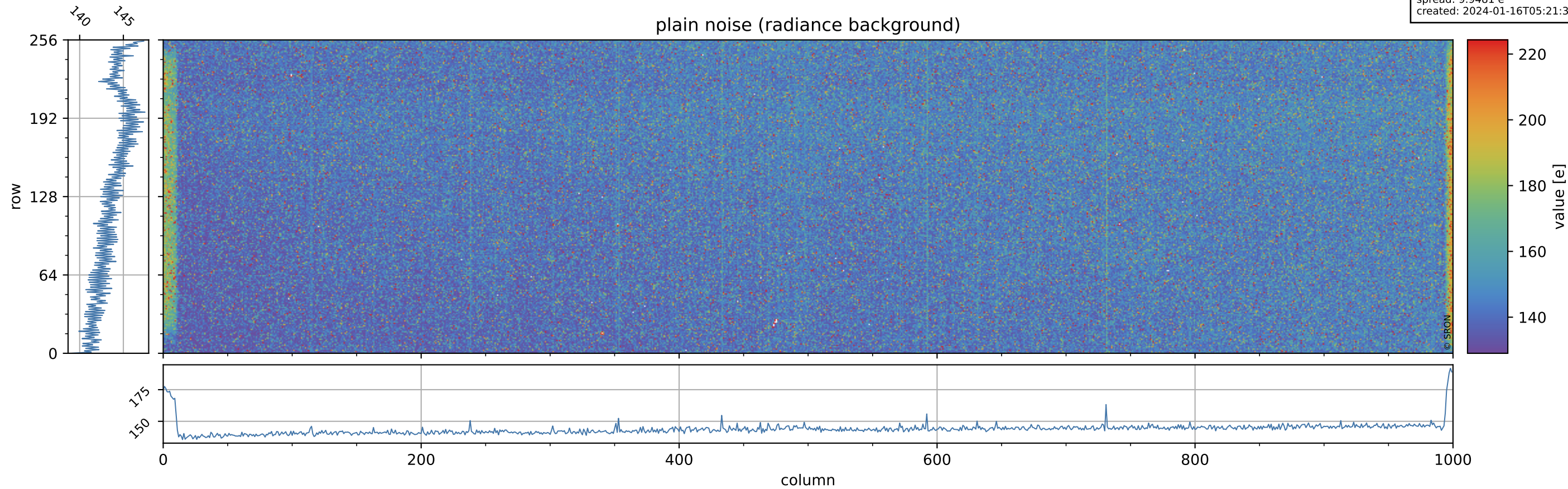




# Tropomi SWIR background noise (swir)

orbits: 13 in [32347, 32422]  
coverage: 2024-01-09 / 2024-01-15  
n\_coad, t\_exp: 1, 0.8383  
median: 143.6 e  
spread: 9.9481 e  
created: 2024-01-16T05:21:31Z

## plain noise (radiance background)

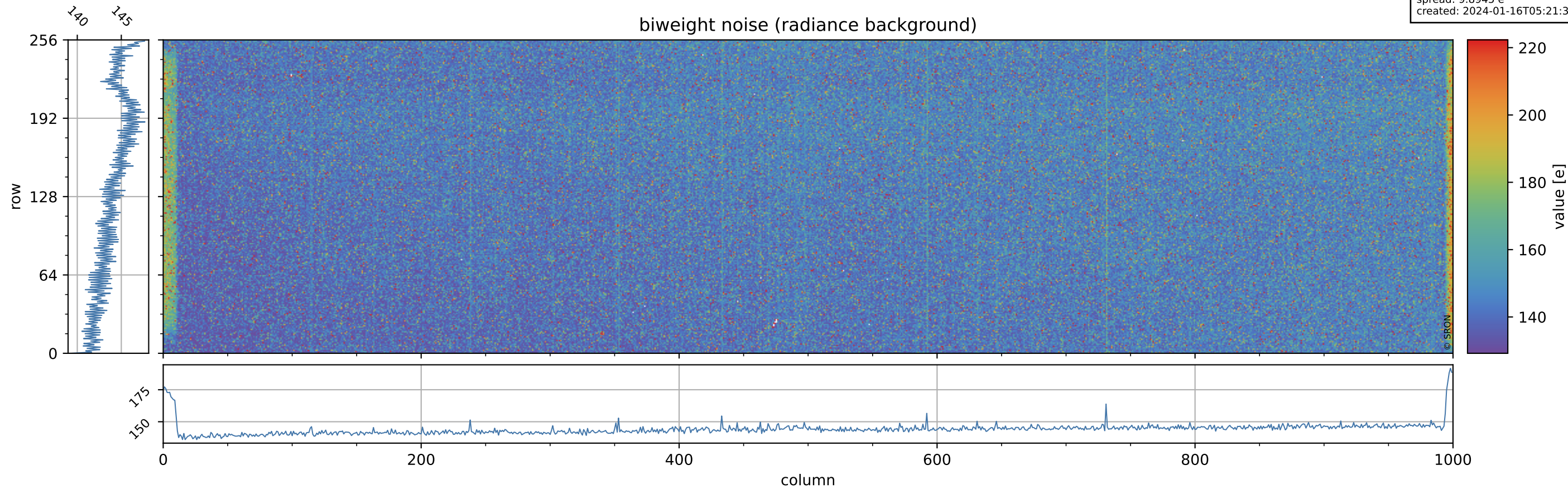




# Tropomi SWIR background noise (swir)

orbits: 13 in [32347, 32422]  
coverage: 2024-01-09 / 2024-01-15  
n\_coad, t\_exp: 1, 0.8383  
median: 143.93 e  
spread: 9.8945 e  
created: 2024-01-16T05:21:32Z

## biweight noise (radiance background)

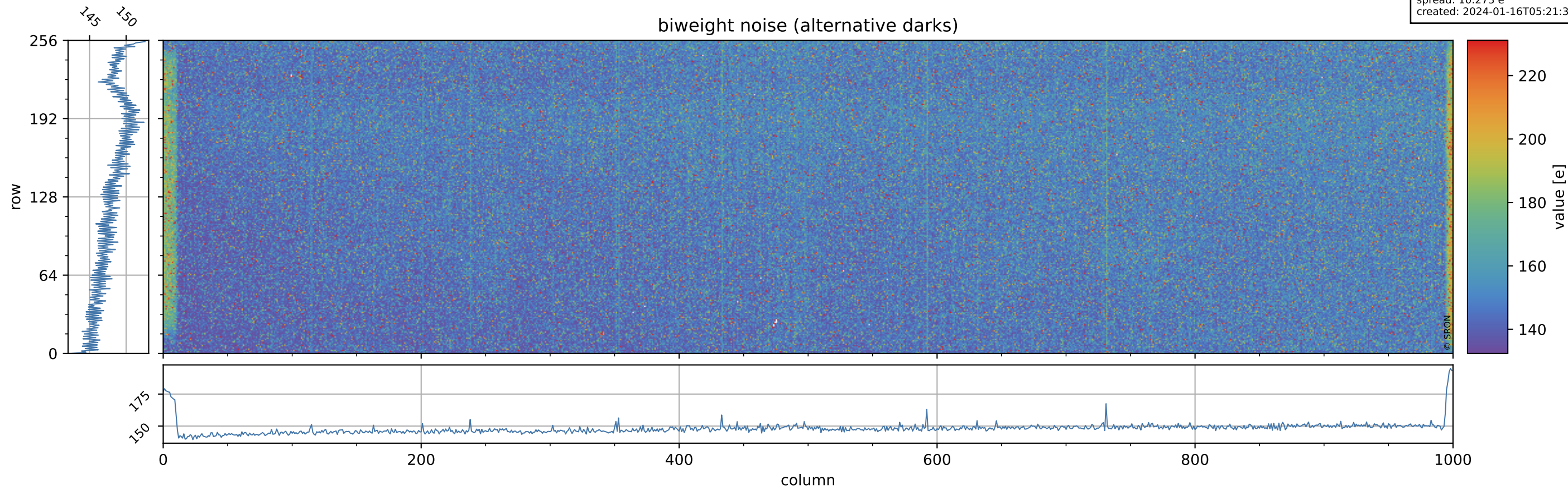




# Tropomi SWIR background noise (swir)

orbits: 13 in [32347, 32422]  
coverage: 2024-01-09 / 2024-01-15  
n\_coad, t\_exp: 1, 1.0783  
median: 147.93 e  
spread: 10.273 e  
created: 2024-01-16T05:21:32Z

## biweight noise (alternative darks)

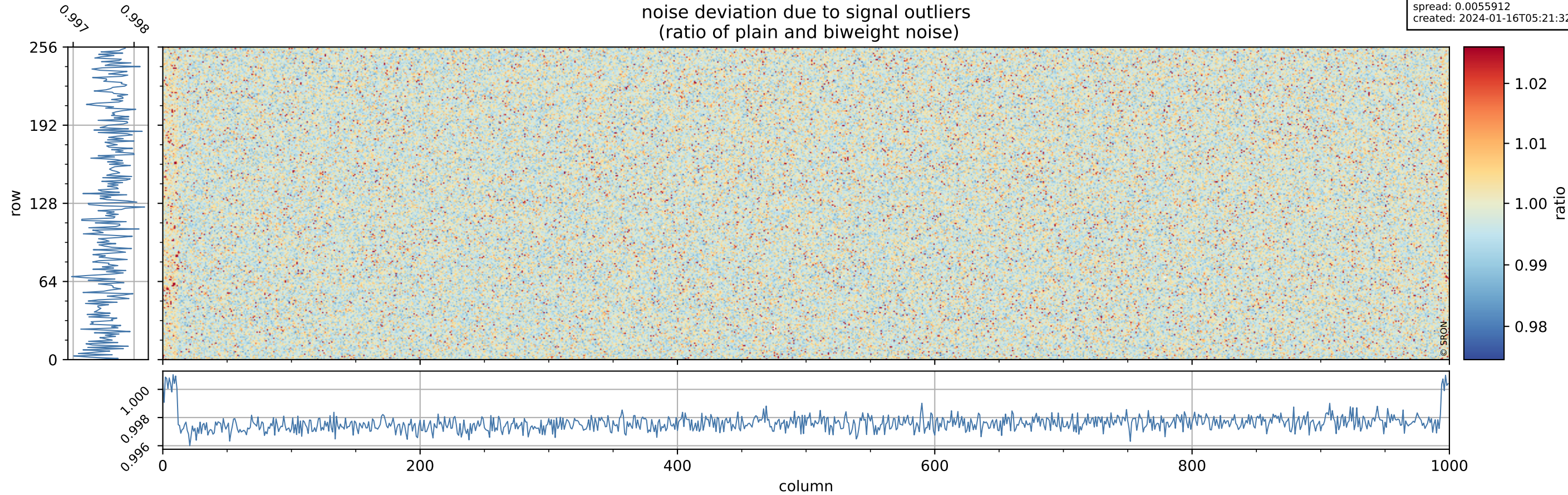




# Tropomi SWIR background noise (swir)

noise deviation due to signal outliers  
(ratio of plain and biweight noise)

orbits: 13 in [32347, 32422]  
coverage: 2024-01-09 / 2024-01-15  
median: 0.99759  
spread: 0.0055912  
created: 2024-01-16T05:21:32Z

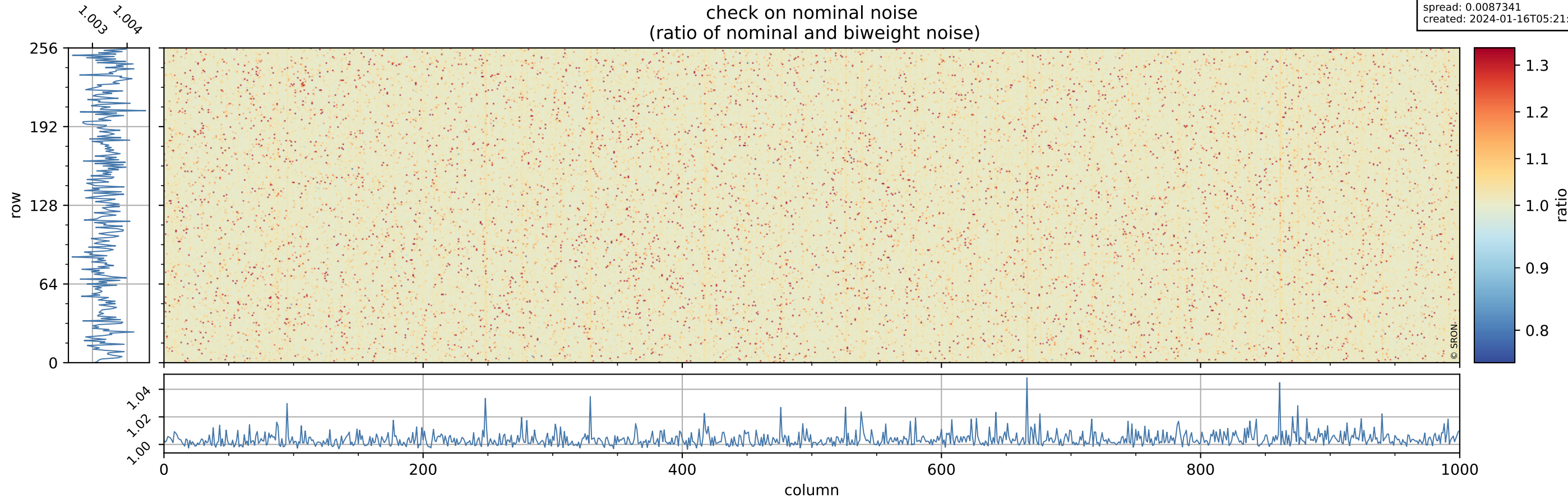




# Tropomi SWIR background noise (swir)

check on nominal noise  
(ratio of nominal and biweight noise)

orbits: 13 in [32347, 32422]  
coverage: 2024-01-09 / 2024-01-15  
median: 1.0032  
spread: 0.0087341  
created: 2024-01-16T05:21:33Z

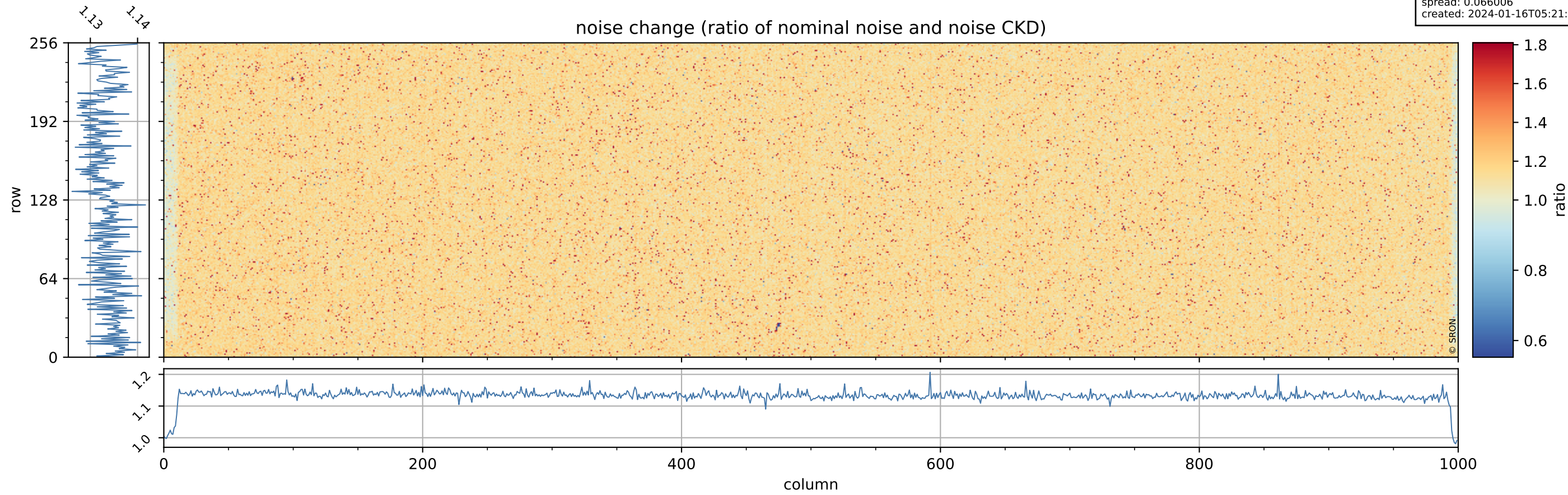




# Tropomi SWIR background noise (swir)

orbits: 13 in [32347, 32422]  
coverage: 2024-01-09 / 2024-01-15  
median: 1.1318  
spread: 0.066006  
created: 2024-01-16T05:21:33Z

## noise change (ratio of nominal noise and noise CKD)

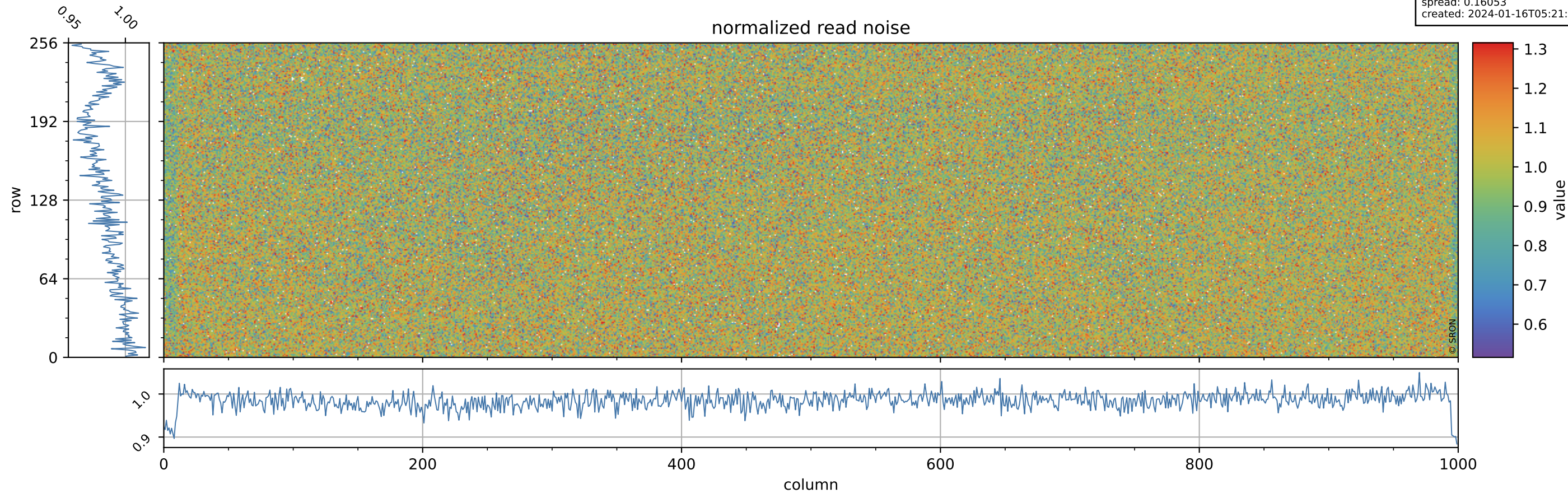




# Tropomi SWIR background noise (swir)

orbits: 13 in [32347, 32422]  
coverage: 2024-01-09 / 2024-01-15  
median: 0.98285  
spread: 0.16053  
created: 2024-01-16T05:21:33Z

## normalized read noise

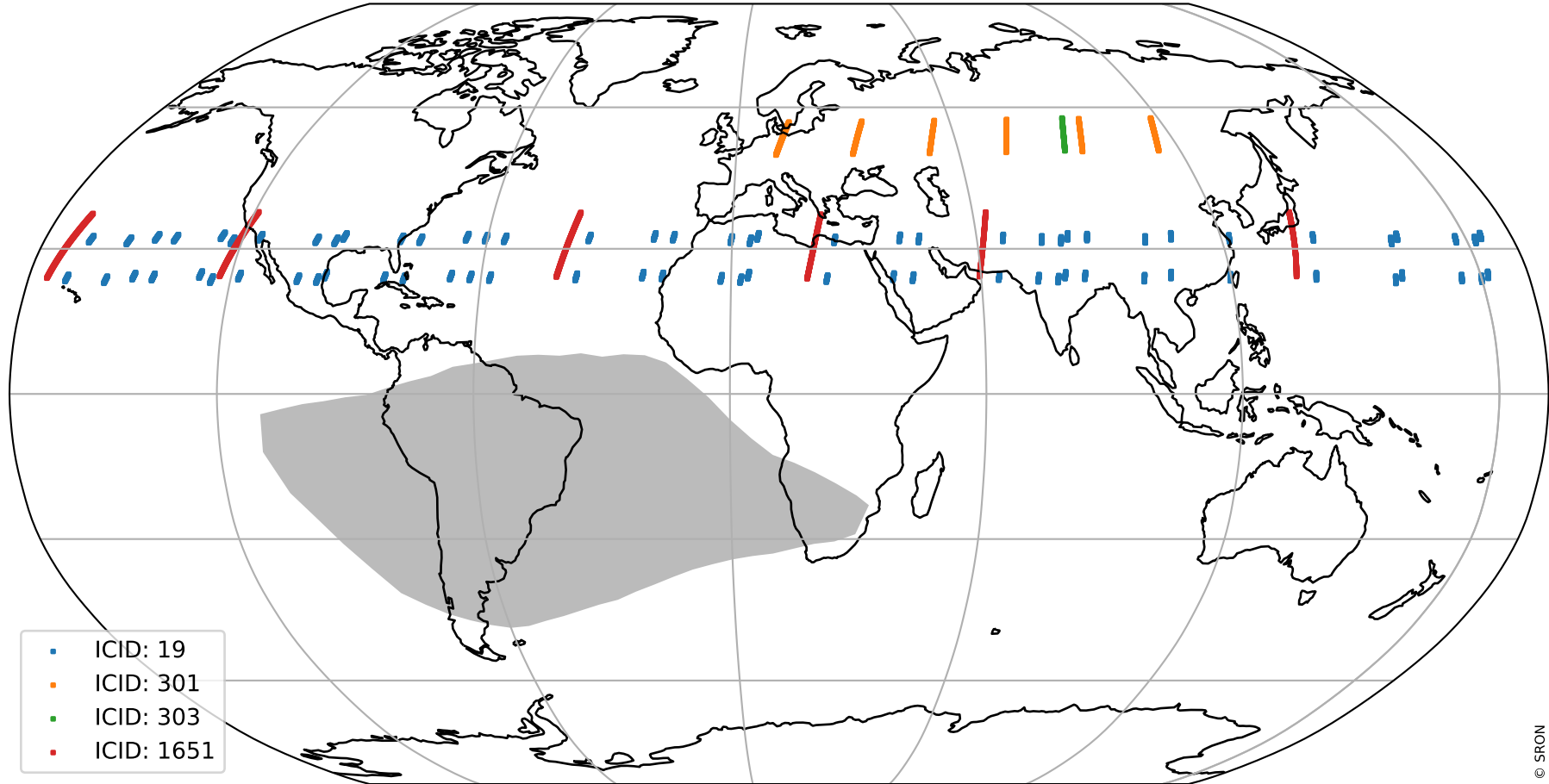




# Tropomi SWIR background noise (swir)

orbits: 13 in [32347, 32422]  
coverage: 2024-01-09 / 2024-01-15  
created: 2024-01-16T05:21:33Z

ground-tracks of Sentinel-5P

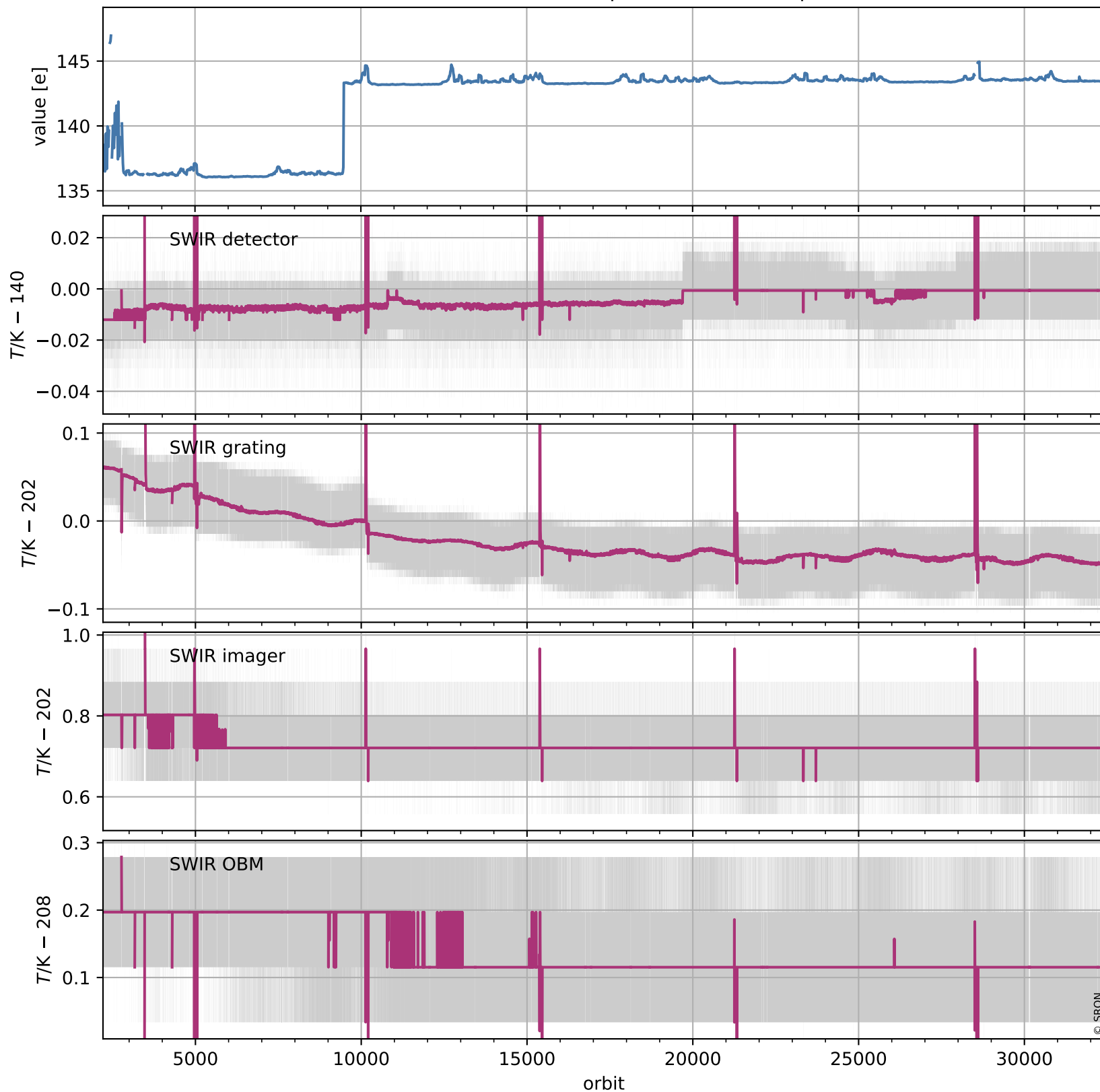




# Tropomi SWIR background noise (swir)

orbits: [2212, 32422]  
coverage: 2018-03-18 / 2024-01-15  
created: 2024-01-16T05:21:34Z

## trend of detector median of plain noise & temperatures

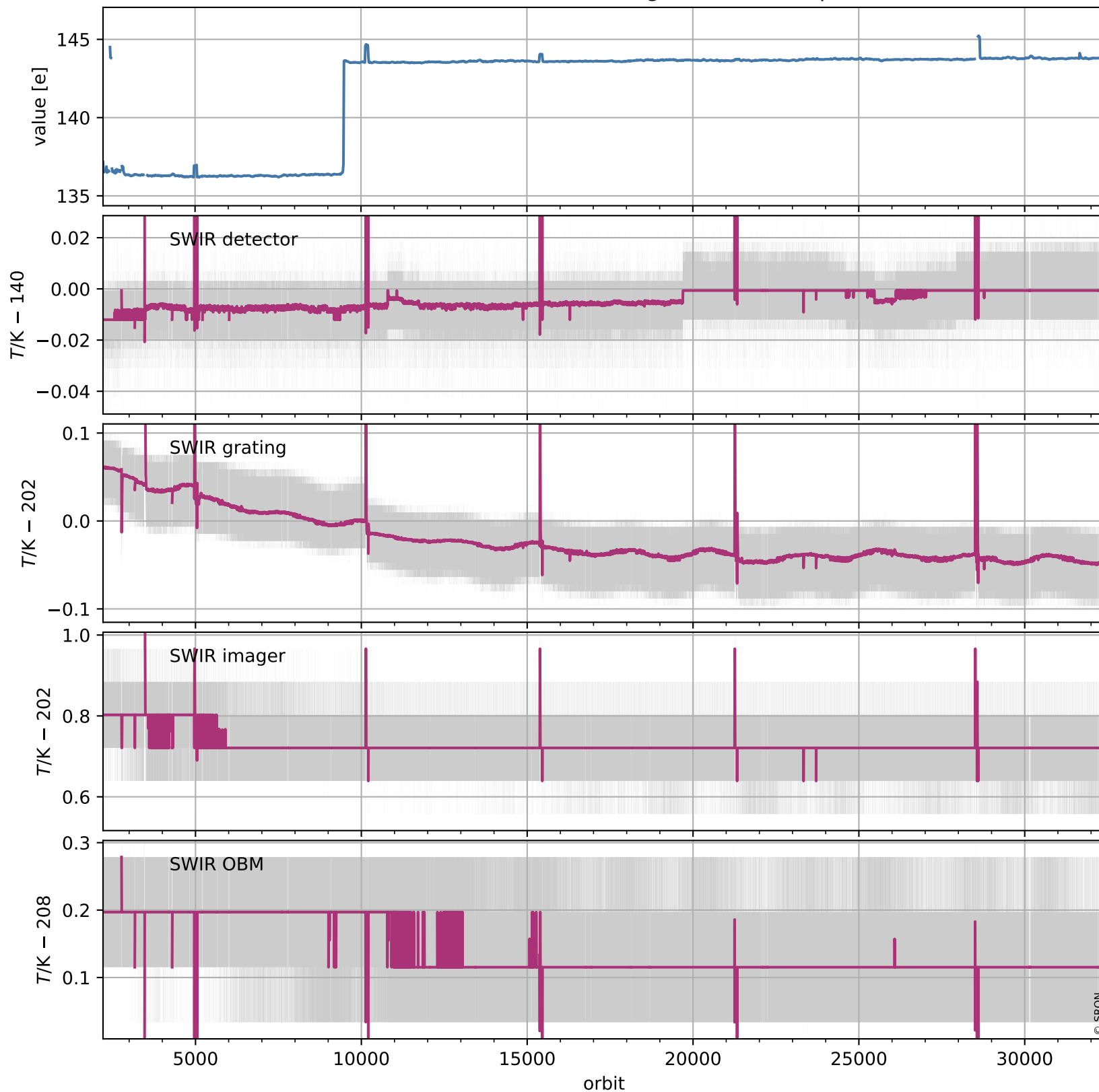




# Tropomi SWIR background noise (swir)

orbits: [2212, 32422]  
coverage: 2018-03-18 / 2024-01-15  
created: 2024-01-16T05:21:35Z

## trend of detector median of biweight noise & temperatures





# Tropomi SWIR background noise (swir)

orbits: [2212, 32422]  
coverage: 2018-03-18 / 2024-01-15  
created: 2024-01-16T05:21:36Z

## trend of normalized read-noise & temperatures

