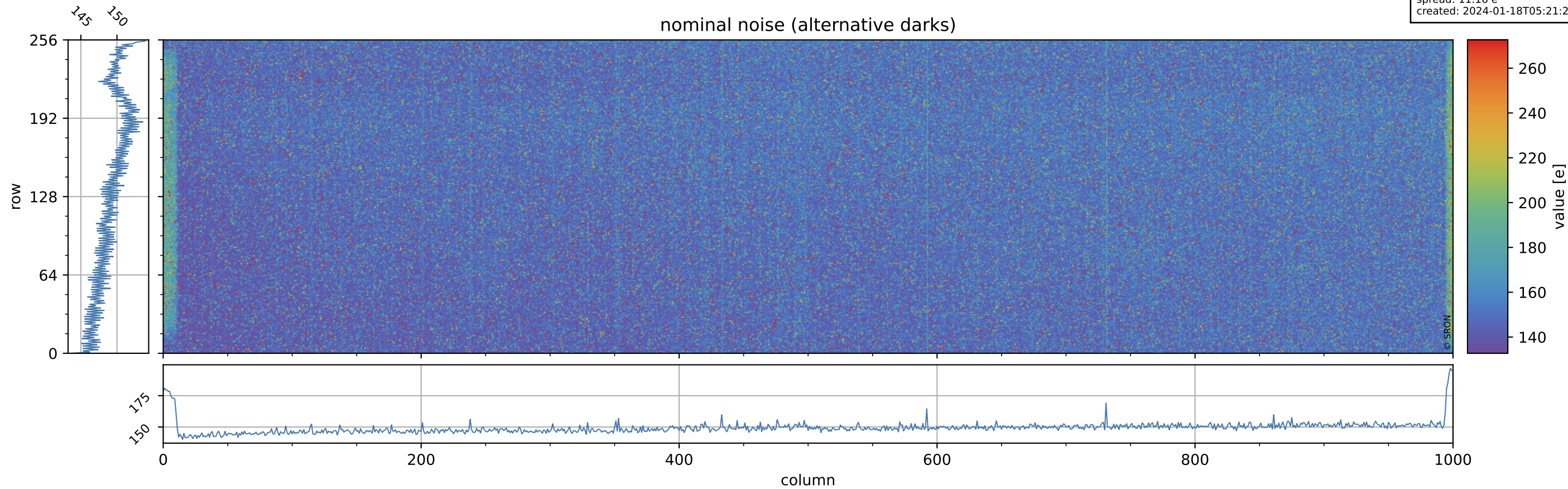


# Tropomi SWIR background noise (swir)

orbits: 13 in [32347, 32437]  
coverage: 2024-01-10 / 2024-01-16  
n\_coad, t\_exp: 1, 1.0783  
median: 149.08 e  
spread: 11.16 e  
created: 2024-01-18T05:21:29Z

## nominal noise (alternative darks)

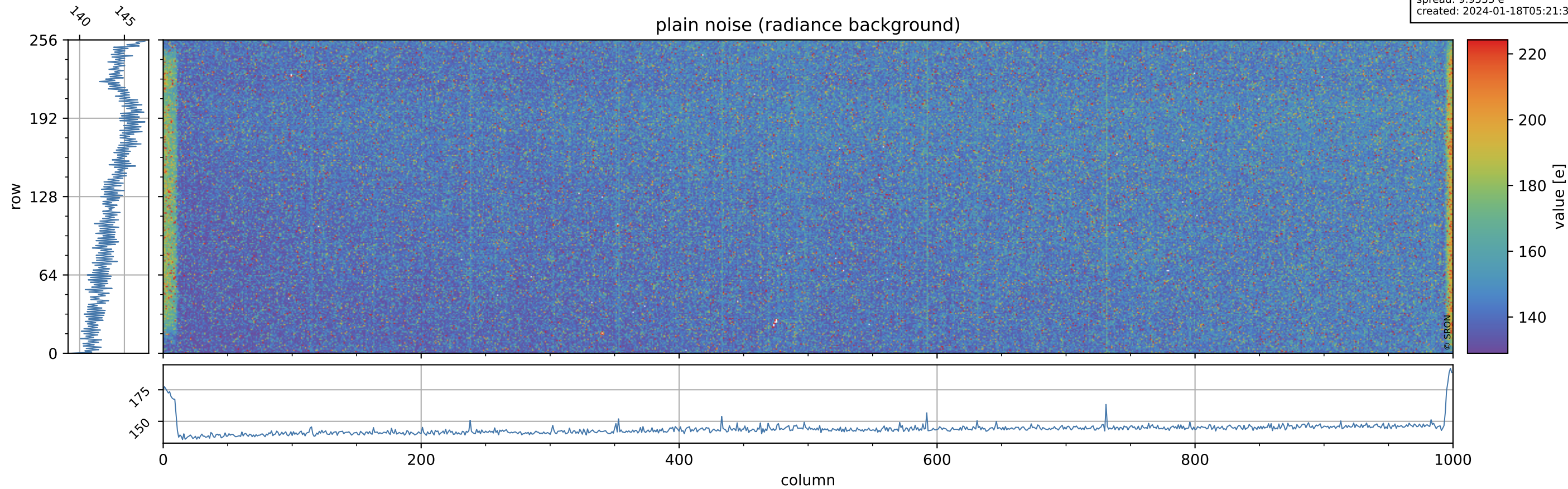




# Tropomi SWIR background noise (swir)

orbits: 13 in [32347, 32437]  
coverage: 2024-01-10 / 2024-01-16  
n\_coad, t\_exp: 1, 0.8383  
median: 143.61 e  
spread: 9.9533 e  
created: 2024-01-18T05:21:30Z

## plain noise (radiance background)

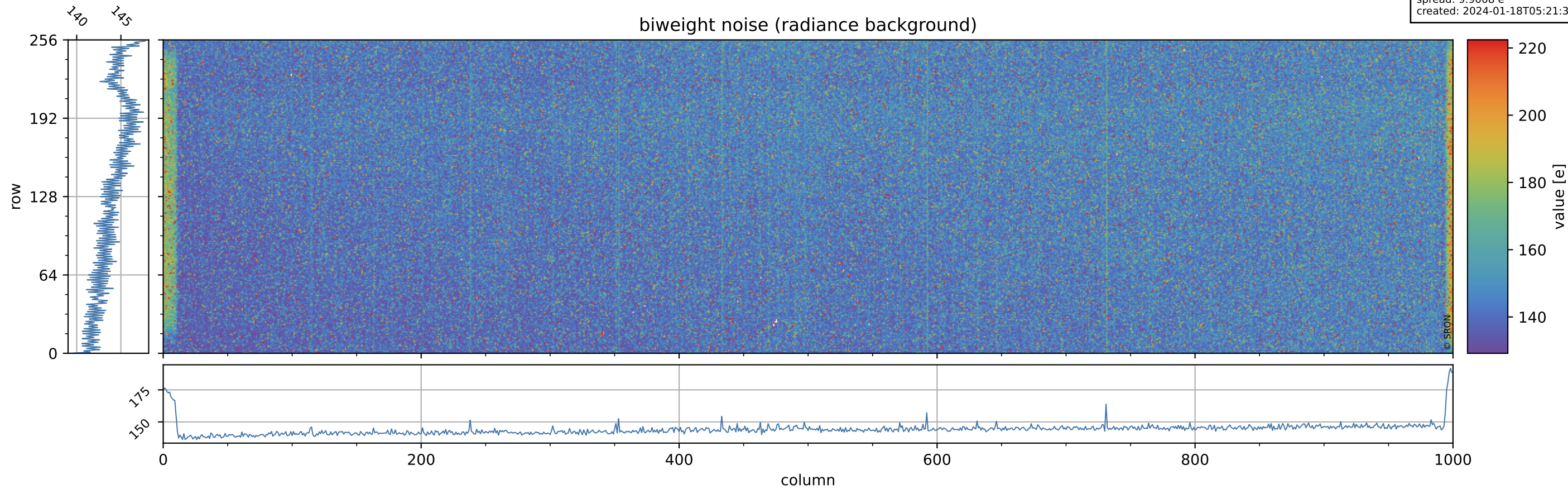




# Tropomi SWIR background noise (swir)

orbits: 13 in [32347, 32437]  
coverage: 2024-01-10 / 2024-01-16  
n\_coad, t\_exp: 1, 0.8383  
median: 143.95 e  
spread: 9.9008 e  
created: 2024-01-18T05:21:30Z

## biweight noise (radiance background)

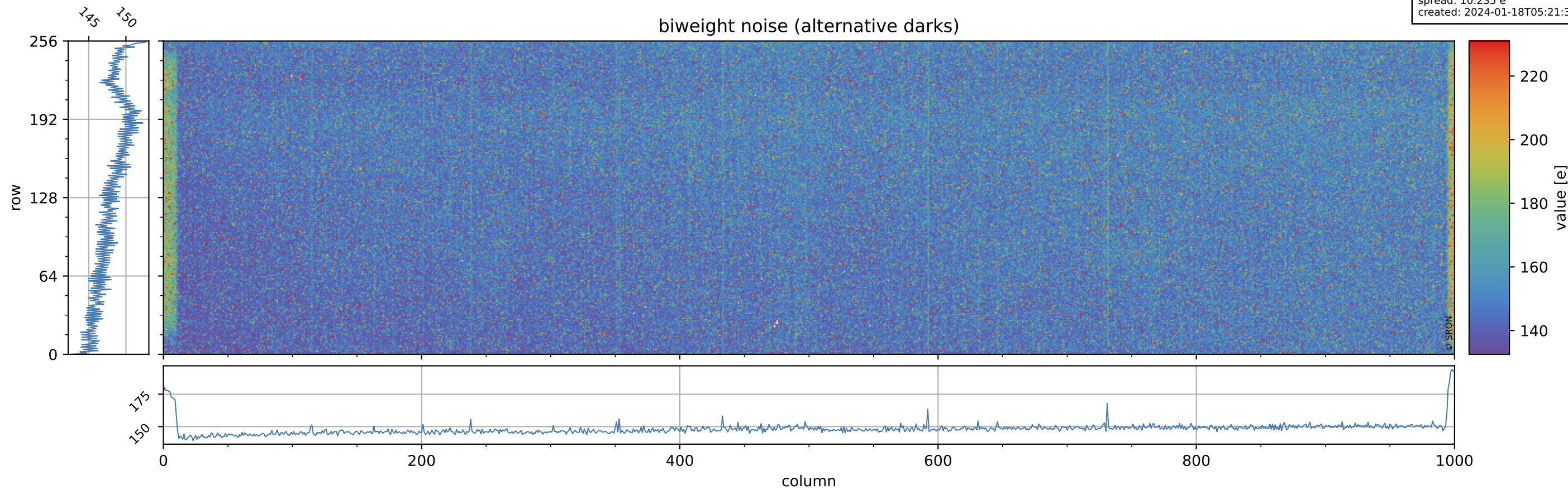




# Tropomi SWIR background noise (swir)

orbits: 13 in [32347, 32437]  
coverage: 2024-01-10 / 2024-01-16  
n\_coad, t\_exp: 1, 1.0783  
median: 147.93 e  
spread: 10.235 e  
created: 2024-01-18T05:21:30Z

## biweight noise (alternative darks)

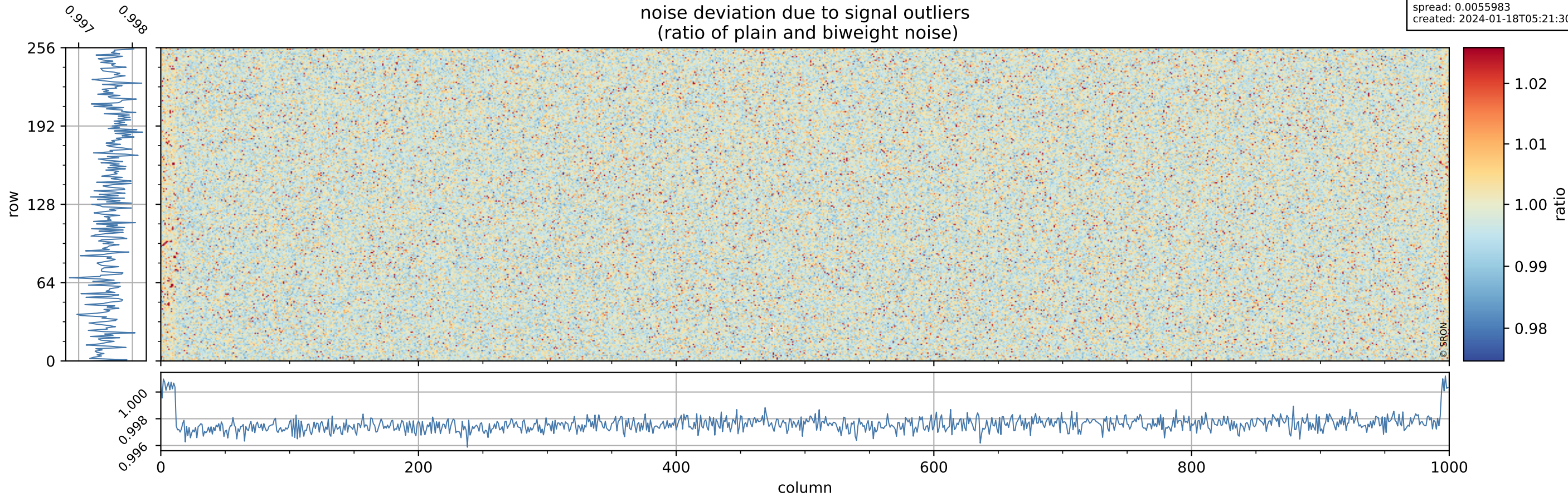




# Tropomi SWIR background noise (swir)

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

orbits: 13 in [32347, 32437]  
coverage: 2024-01-10 / 2024-01-16  
median: 0.99759  
spread: 0.0055983  
created: 2024-01-18T05:21:30Z

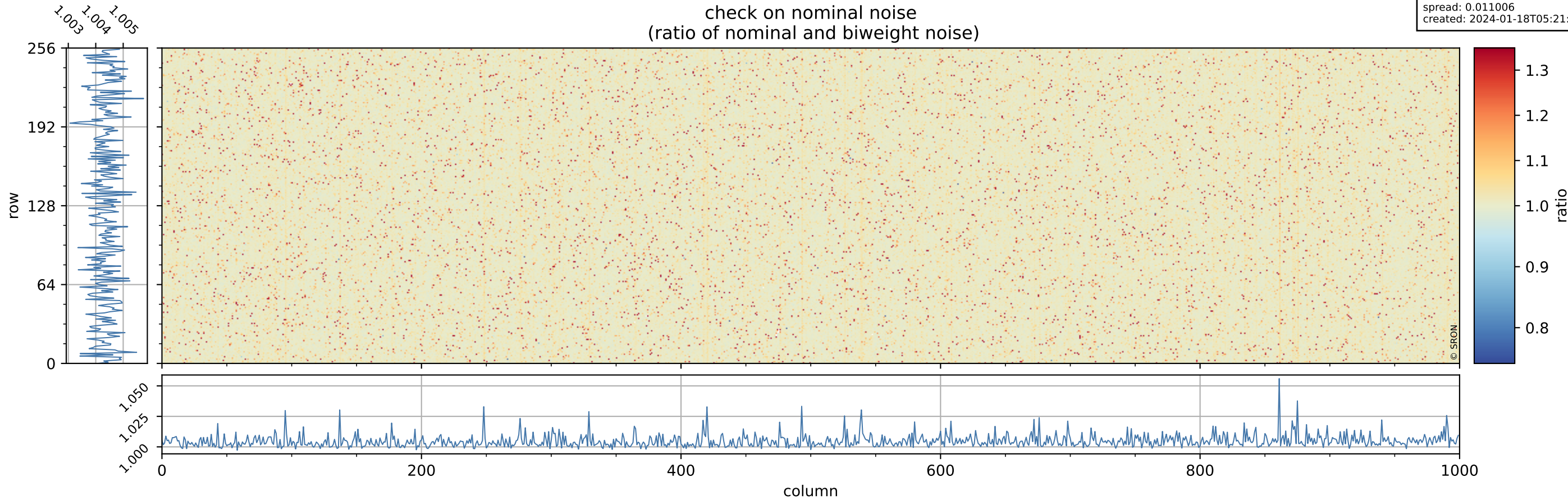




# Tropomi SWIR background noise (swir)

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

orbits: 13 in [32347, 32437]  
coverage: 2024-01-10 / 2024-01-16  
median: 1.004  
spread: 0.011006  
created: 2024-01-18T05:21:31Z

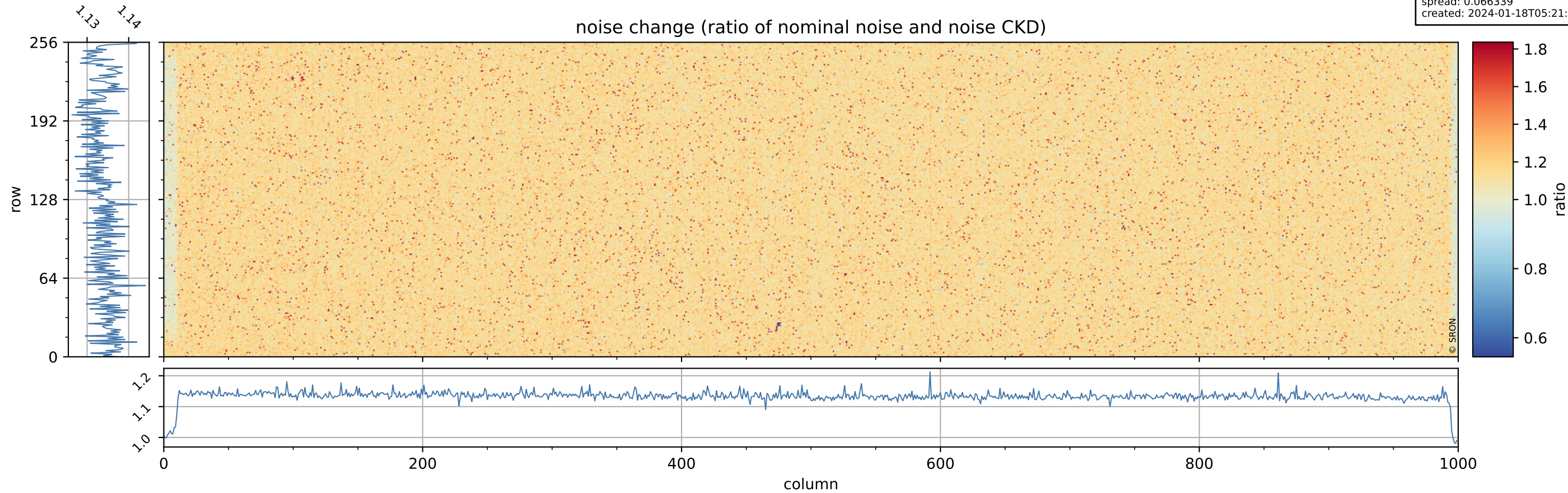




# Tropomi SWIR background noise (swir)

orbits: 13 in [32347, 32437]  
coverage: 2024-01-10 / 2024-01-16  
median: 1.1323  
spread: 0.066339  
created: 2024-01-18T05:21:31Z

noise change (ratio of nominal noise and noise CKD)

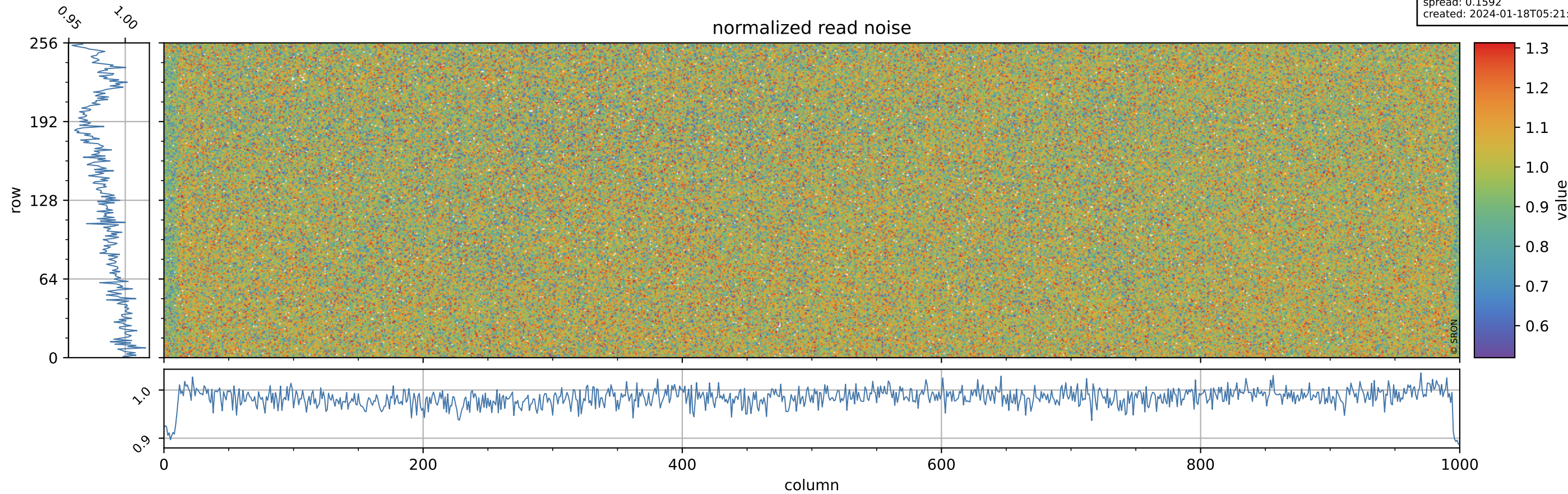




# Tropomi SWIR background noise (swir)

orbits: 13 in [32347, 32437]  
coverage: 2024-01-10 / 2024-01-16  
median: 0.98259  
spread: 0.1592  
created: 2024-01-18T05:21:31Z

normalized read noise

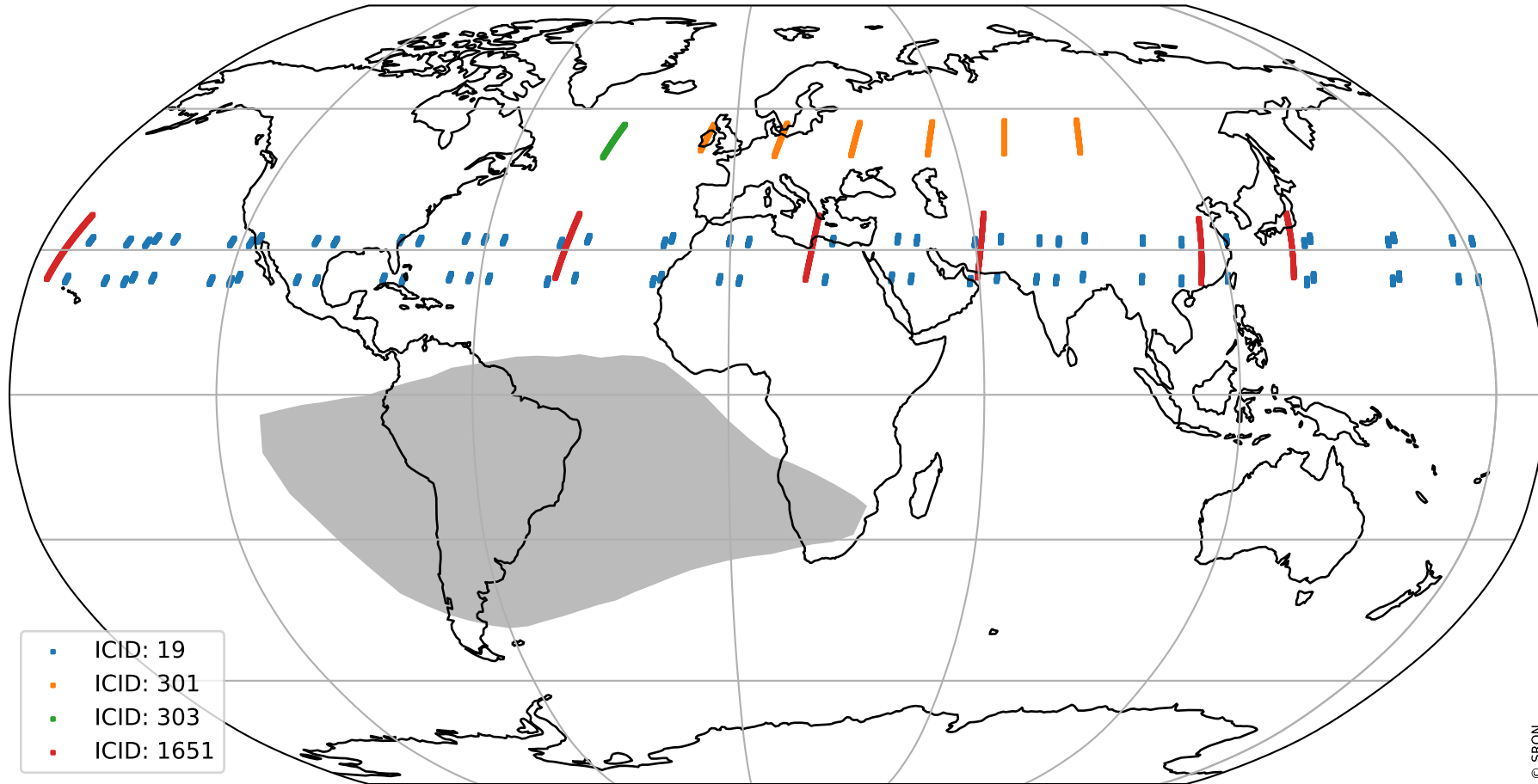




# Tropomi SWIR background noise (swir)

orbits: 13 in [32347, 32437]  
coverage: 2024-01-10 / 2024-01-16  
created: 2024-01-18T05:21:31Z

ground-tracks of Sentinel-5P

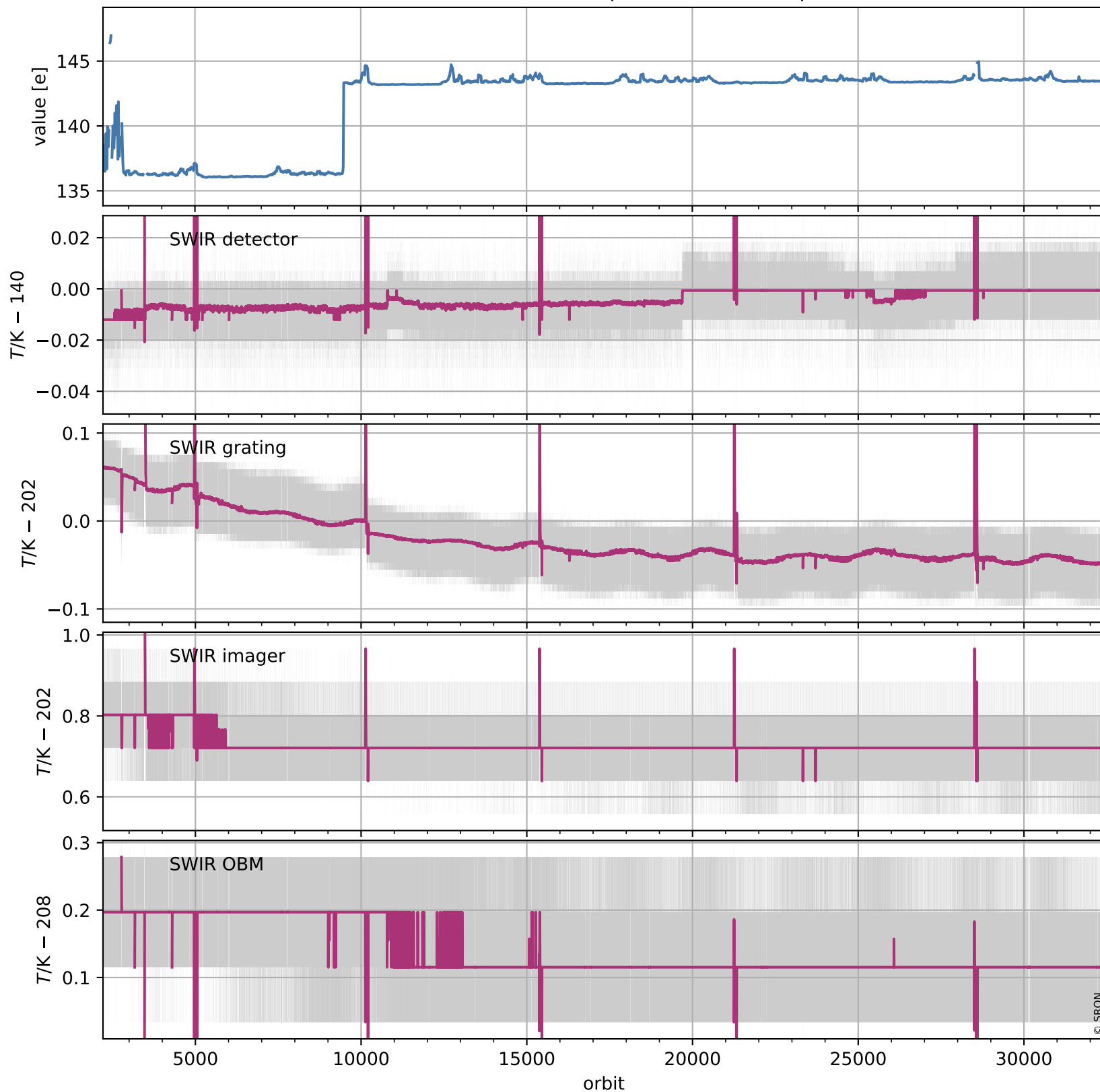




# Tropomi SWIR background noise (swir)

orbits: [2212, 32437]  
coverage: 2018-03-18 / 2024-01-16  
created: 2024-01-18T05:21:32Z

## trend of detector median of plain noise & temperatures

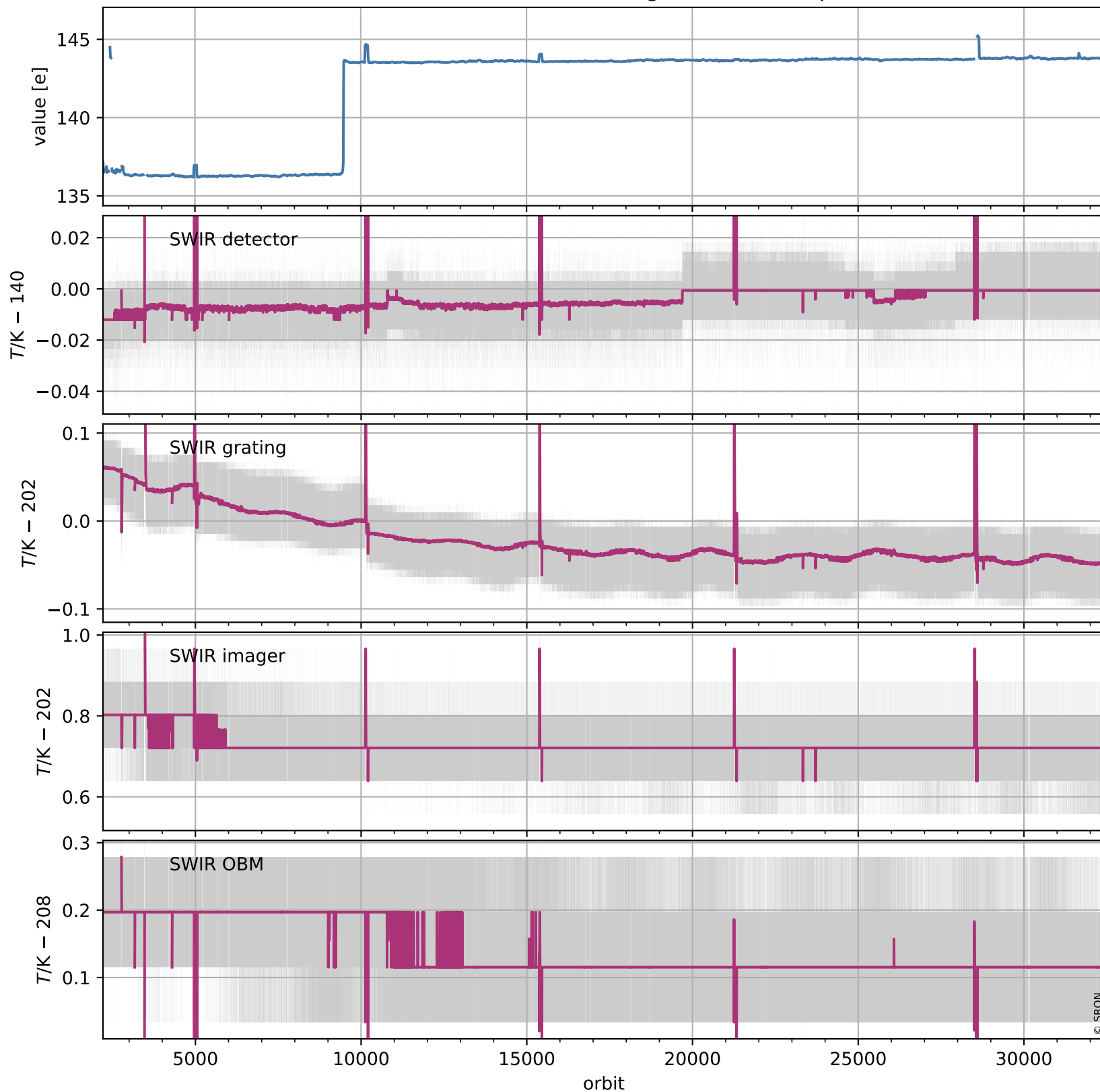




# Tropomi SWIR background noise (swir)

orbits: [2212, 32437]  
coverage: 2018-03-18 / 2024-01-16  
created: 2024-01-18T05:21:33Z

## trend of detector median of biweight noise & temperatures





# Tropomi SWIR background noise (swir)

orbits: [2212, 32437]  
coverage: 2018-03-18 / 2024-01-16  
created: 2024-01-18T05:21:34Z

## trend of normalized read-noise & temperatures

