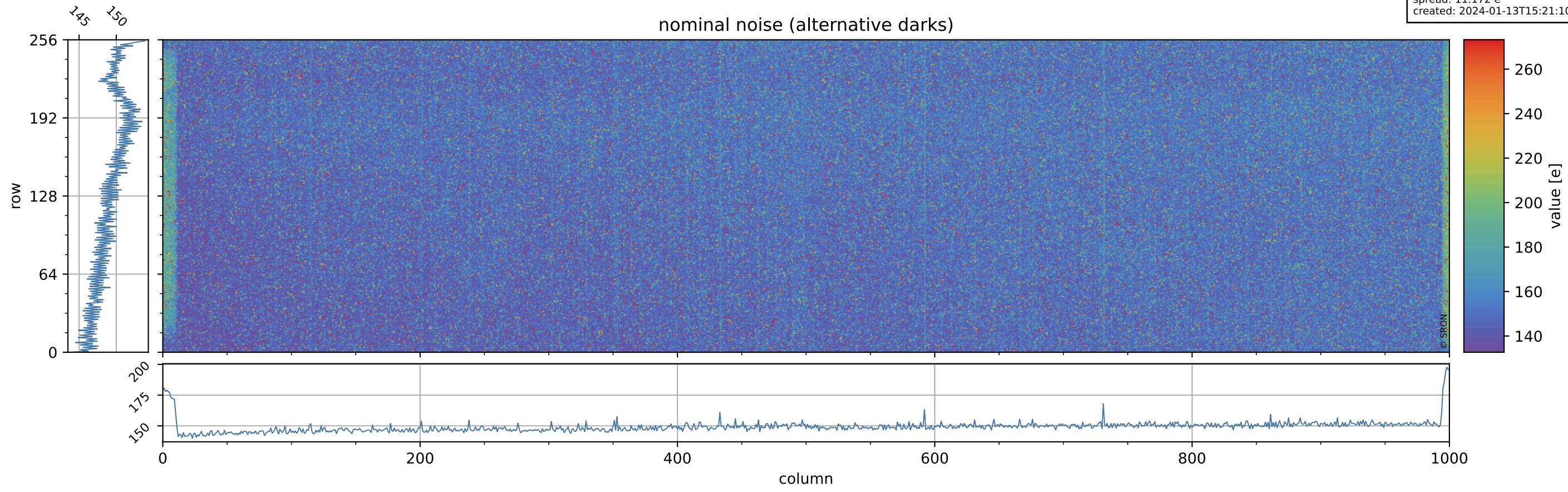


# Tropomi SWIR background noise (swir)

orbits: 13 in [32287, 32377]  
coverage: 2024-01-06 / 2024-01-12  
n\_coad, t\_exp: 1, 1.0783  
median: 149.07 e  
spread: 11.172 e  
created: 2024-01-13T15:21:10Z

## nominal noise (alternative darks)

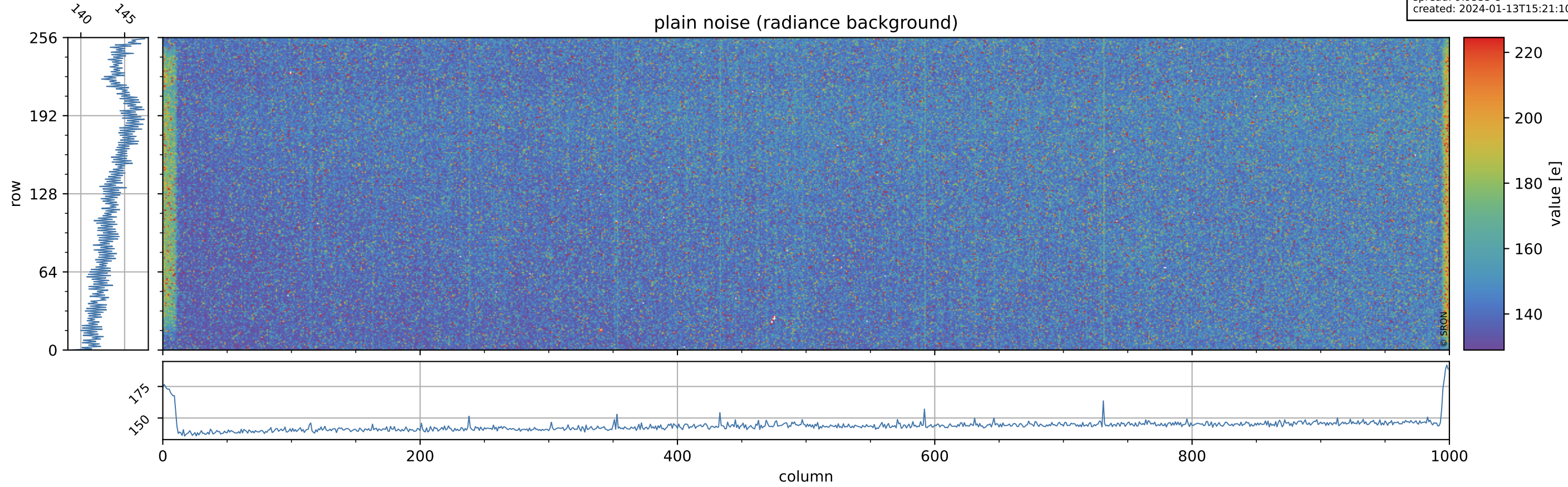




# Tropomi SWIR background noise (swir)

orbits: 13 in [32287, 32377]  
coverage: 2024-01-06 / 2024-01-12  
n\_coad, t\_exp: 1, 0.8383  
median: 143.6 e  
spread: 9.9535 e  
created: 2024-01-13T15:21:10Z

## plain noise (radiance background)

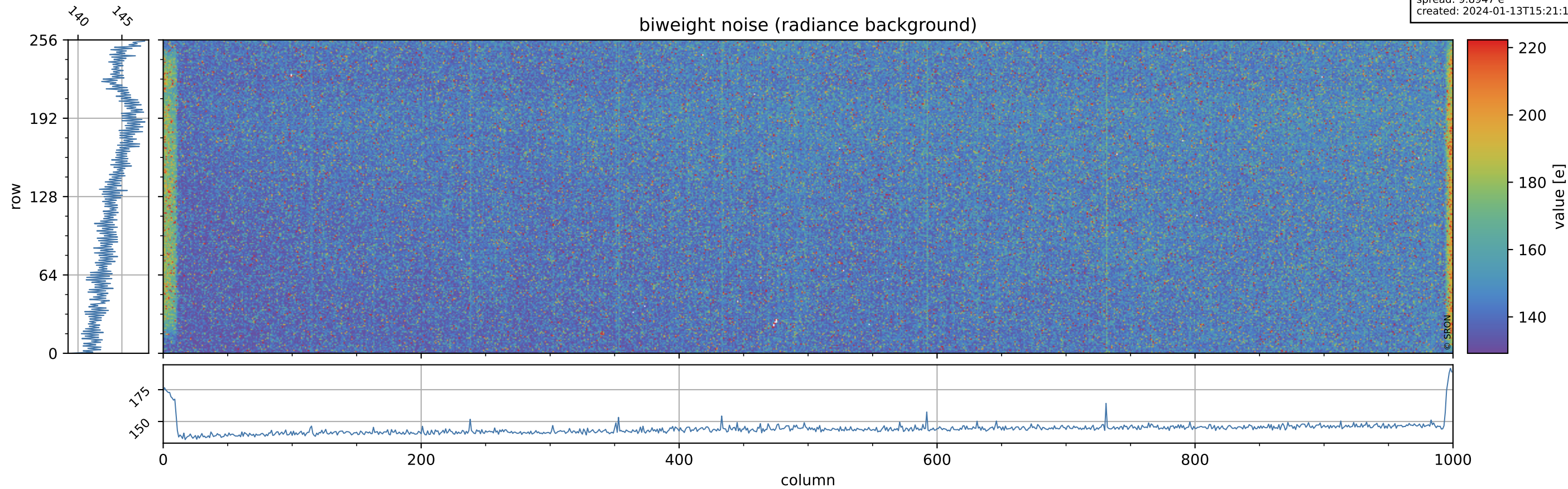




# Tropomi SWIR background noise (swir)

orbits: 13 in [32287, 32377]  
coverage: 2024-01-06 / 2024-01-12  
n\_coad, t\_exp: 1, 0.8383  
median: 143.94 e  
spread: 9.8947 e  
created: 2024-01-13T15:21:11Z

## biweight noise (radiance background)

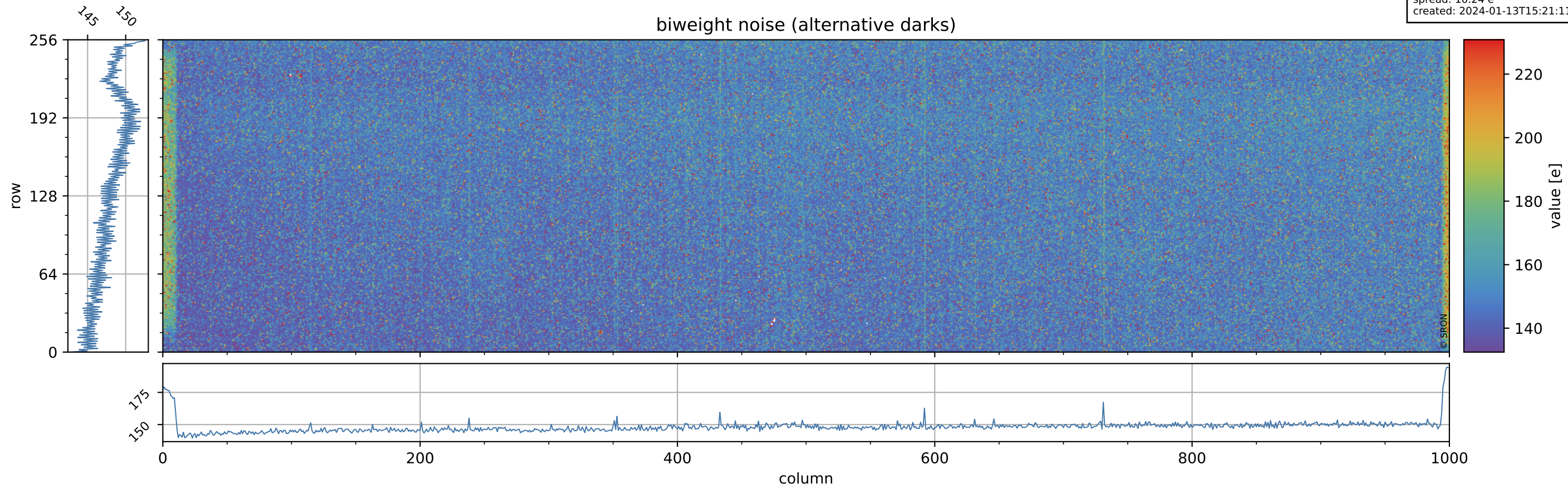




# Tropomi SWIR background noise (swir)

orbits: 13 in [32287, 32377]  
coverage: 2024-01-06 / 2024-01-12  
n\_coad, t\_exp: 1, 1.0783  
median: 147.92 e  
spread: 10.24 e  
created: 2024-01-13T15:21:11Z

## biweight noise (alternative darks)

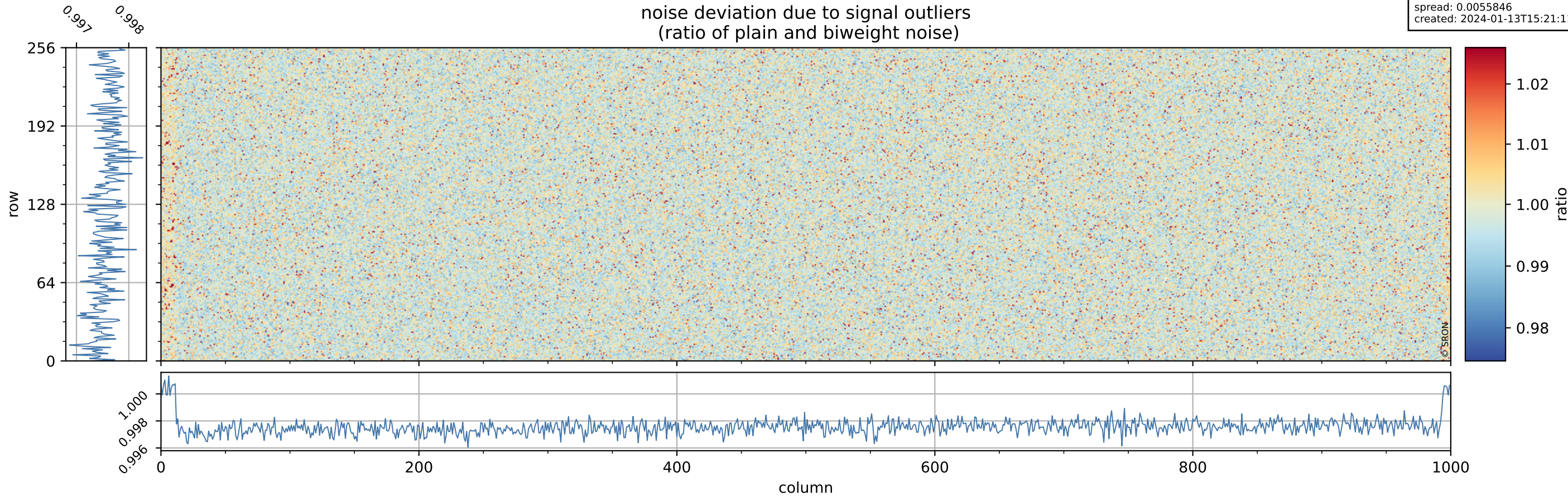




# Tropomi SWIR background noise (swir)

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

orbits: 13 in [32287, 32377]  
coverage: 2024-01-06 / 2024-01-12  
median: 0.99755  
spread: 0.0055846  
created: 2024-01-13T15:21:11Z

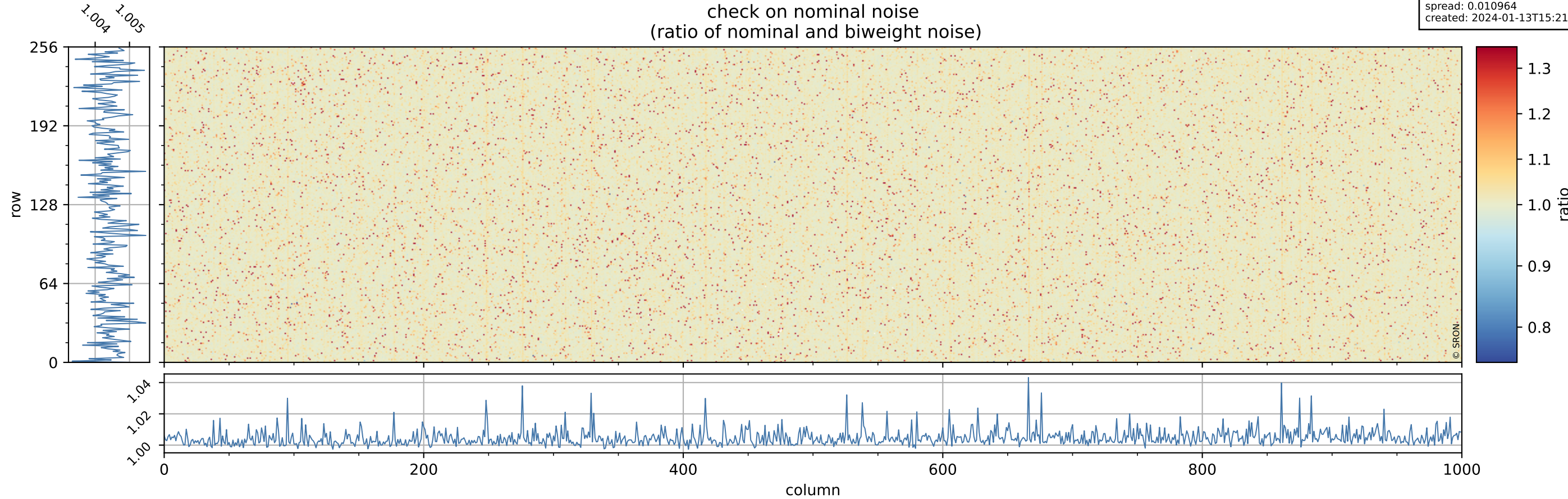




# Tropomi SWIR background noise (swir)

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

orbits: 13 in [32287, 32377]  
coverage: 2024-01-06 / 2024-01-12  
median: 1.004  
spread: 0.010964  
created: 2024-01-13T15:21:11Z

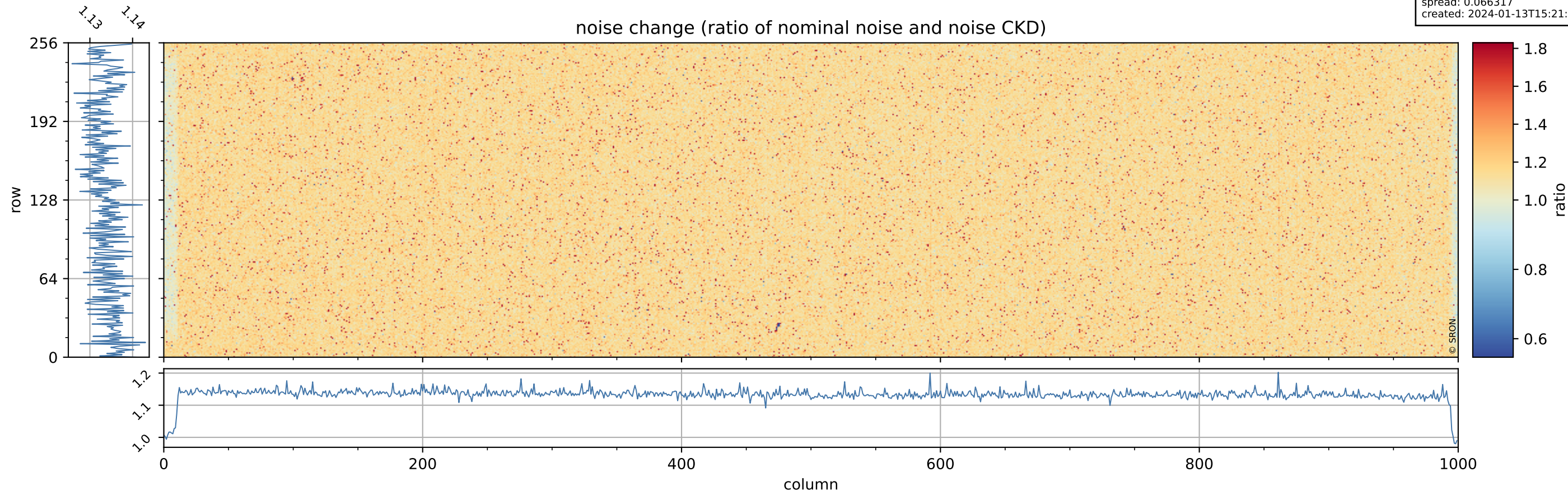




# Tropomi SWIR background noise (swir)

orbits: 13 in [32287, 32377]  
coverage: 2024-01-06 / 2024-01-12  
median: 1.1322  
spread: 0.066317  
created: 2024-01-13T15:21:12Z

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

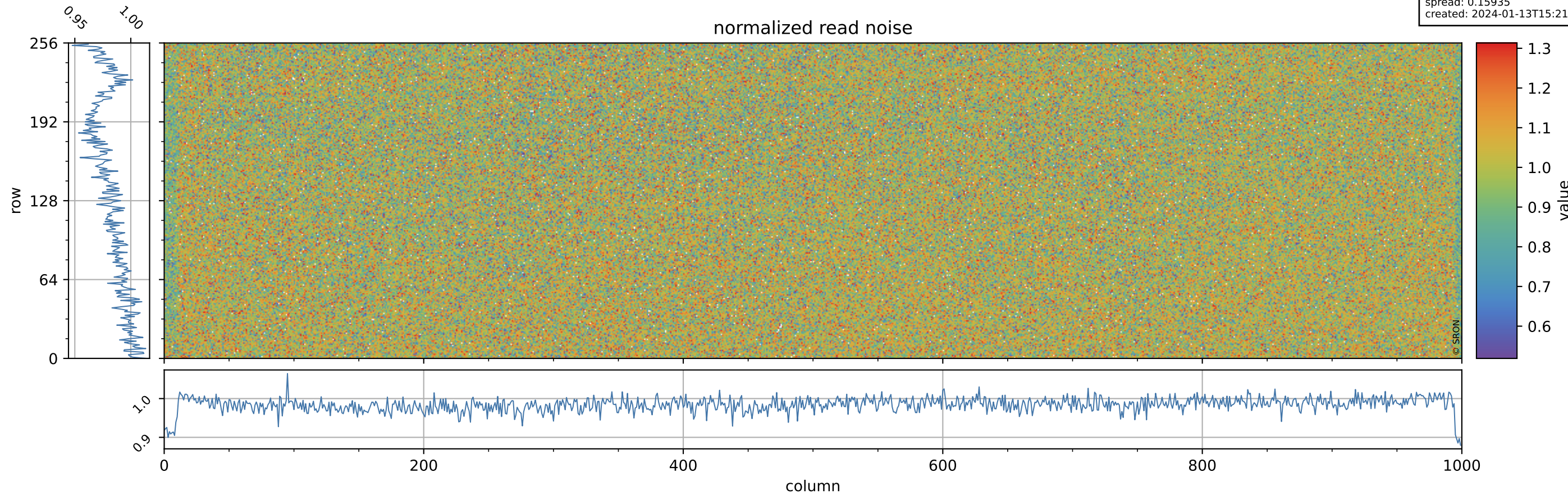




# Tropomi SWIR background noise (swir)

orbits: 13 in [32287, 32377]  
coverage: 2024-01-06 / 2024-01-12  
median: 0.98257  
spread: 0.15935  
created: 2024-01-13T15:21:12Z

## normalized read noise

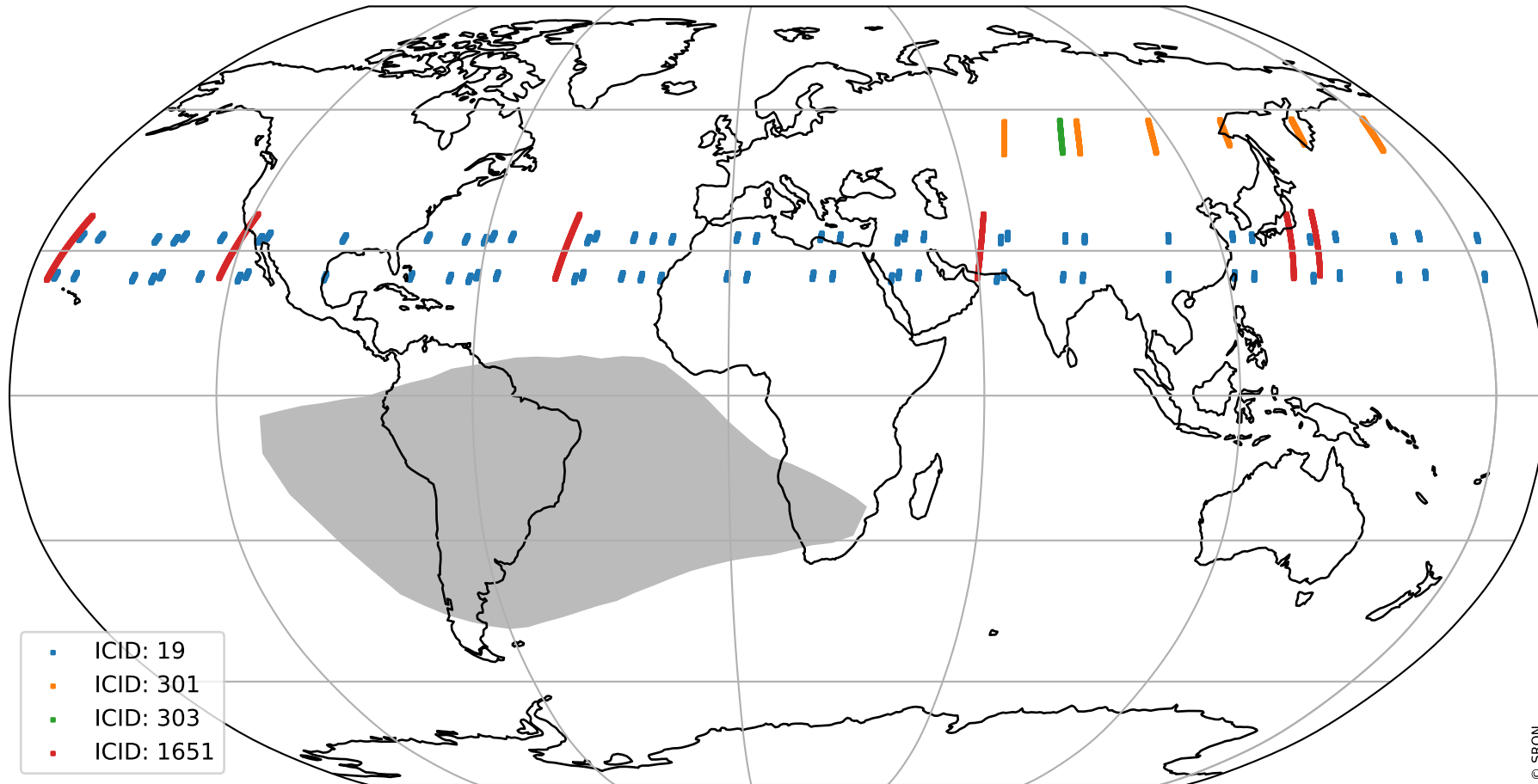




# Tropomi SWIR background noise (swir)

orbits: 13 in [32287, 32377]  
coverage: 2024-01-06 / 2024-01-12  
created: 2024-01-13T15:21:12Z

ground-tracks of Sentinel-5P

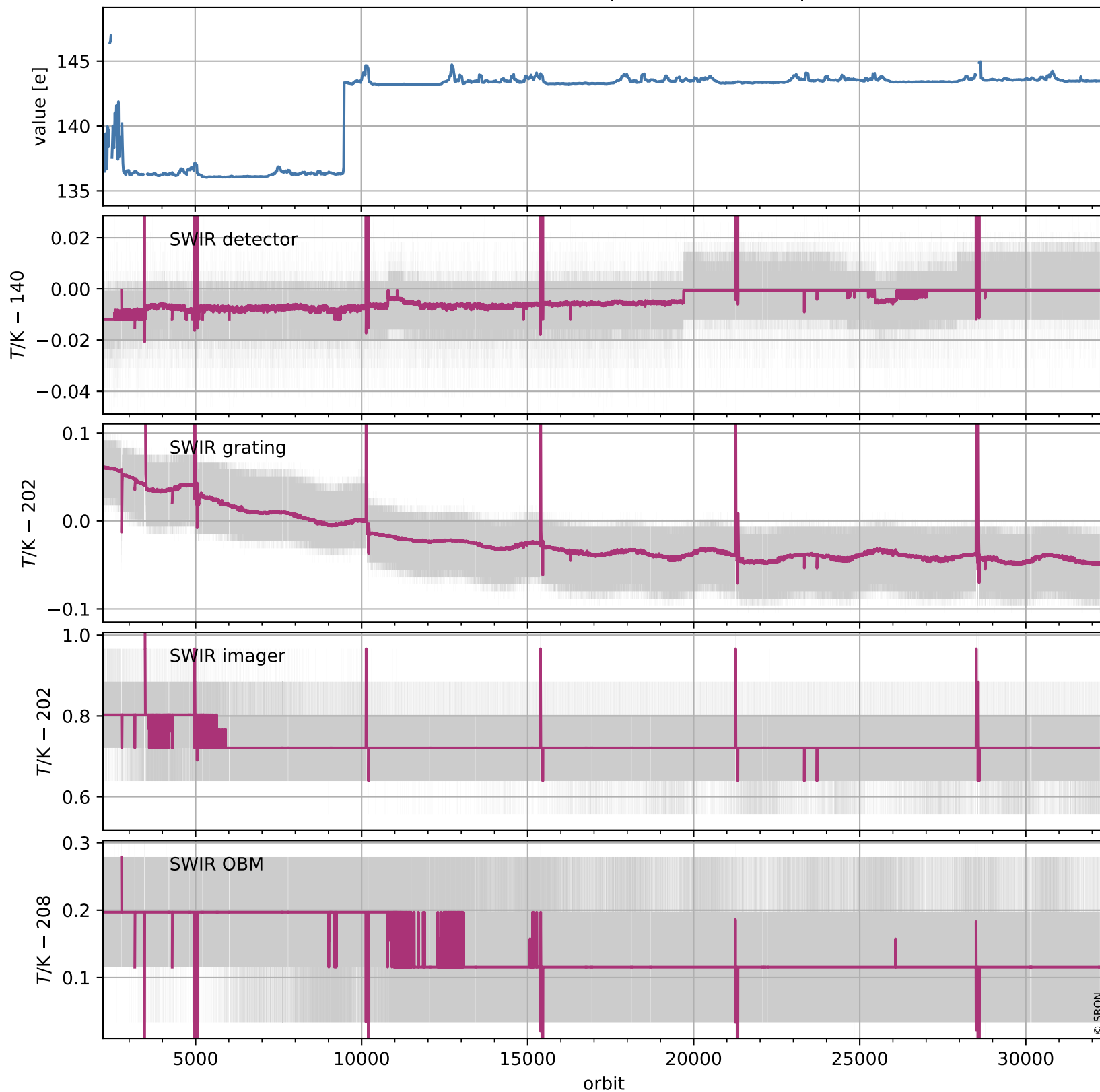




# Tropomi SWIR background noise (swir)

orbits: [2212, 32377]  
coverage: 2018-03-18 / 2024-01-12  
created: 2024-01-13T15:21:14Z

## trend of detector median of plain noise & temperatures

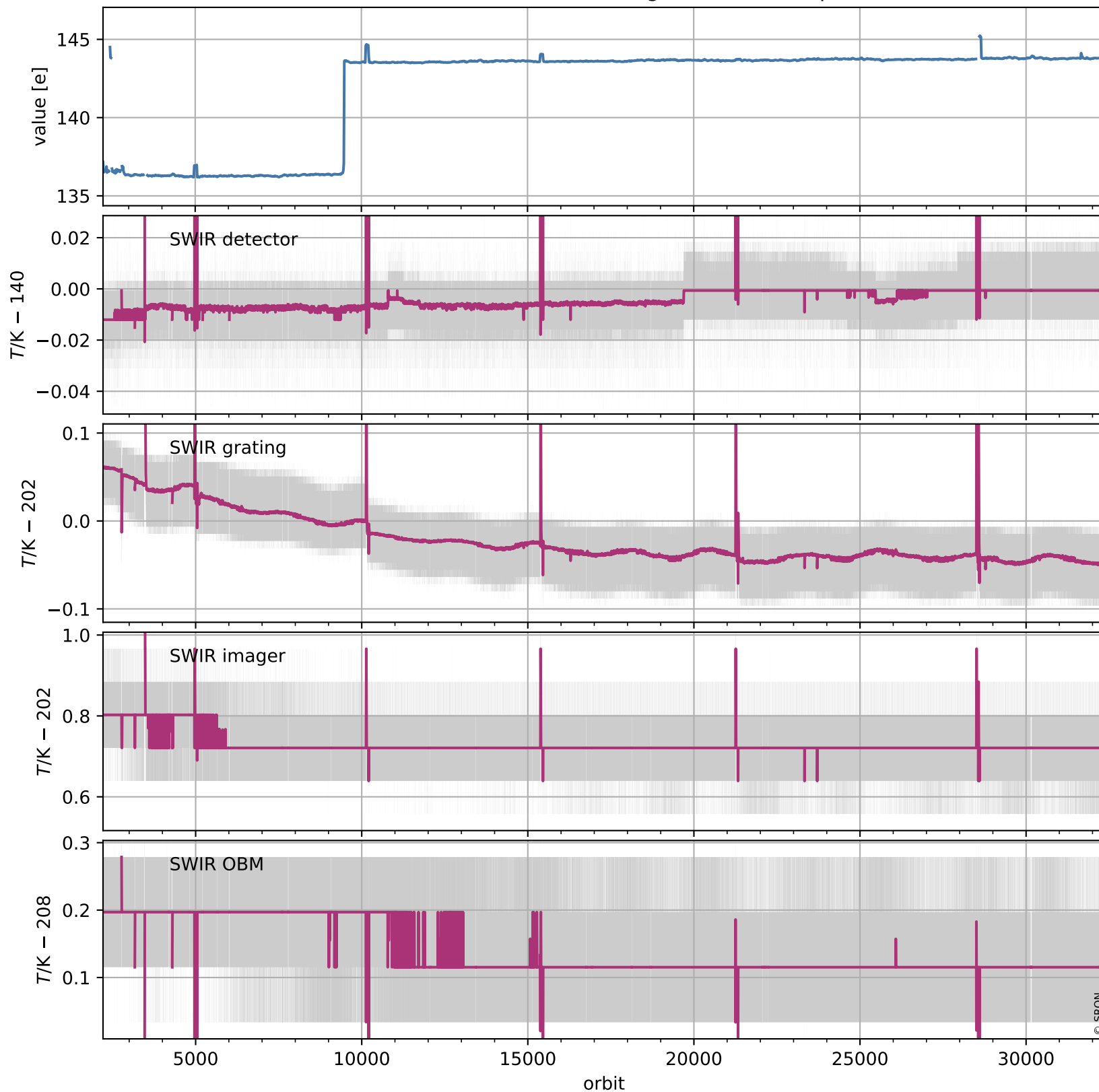




# Tropomi SWIR background noise (swir)

orbits: [2212, 32377]  
coverage: 2018-03-18 / 2024-01-12  
created: 2024-01-13T15:21:15Z

## trend of detector median of biweight noise & temperatures





# Tropomi SWIR background noise (swir)

orbits: [2212, 32377]  
coverage: 2018-03-18 / 2024-01-12  
created: 2024-01-13T15:21:16Z

## trend of normalized read-noise & temperatures

