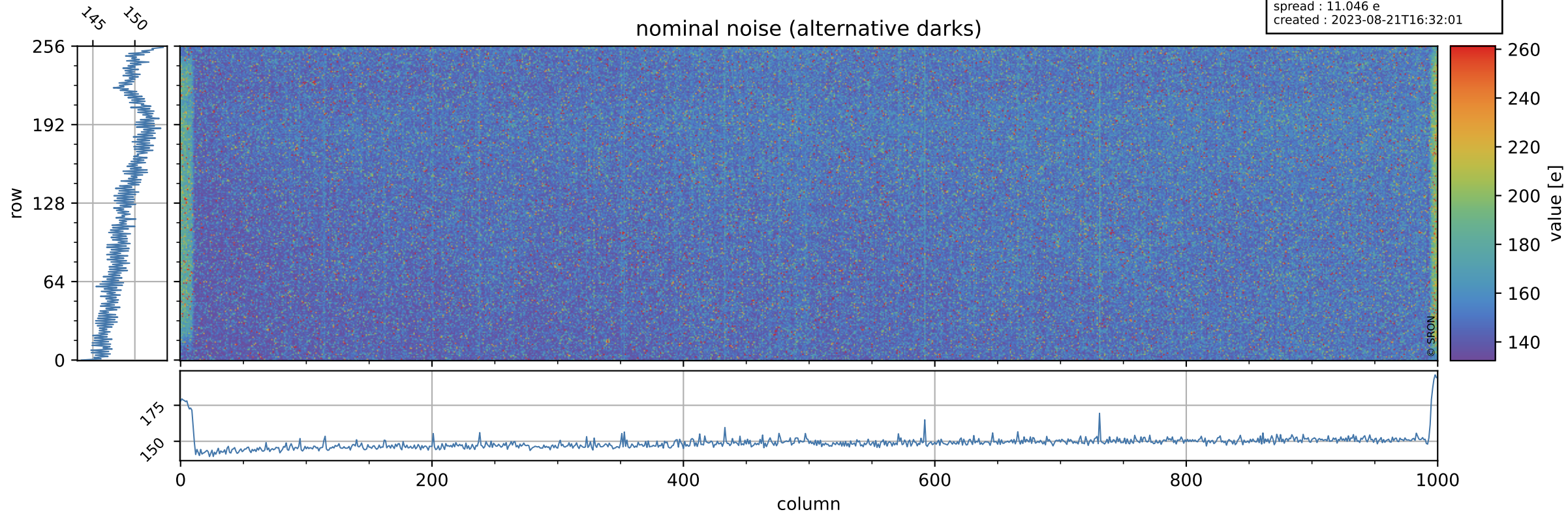


# Tropomi SWIR background noise (swir)

orbits : 12 in [23617, 23707]  
coverage : 2022-05-05 / 2022-05-11  
n\_coad, t\_exp : 1, 1.0783  
median : 148.82 e  
spread : 11.046 e  
created : 2023-08-21T16:32:01

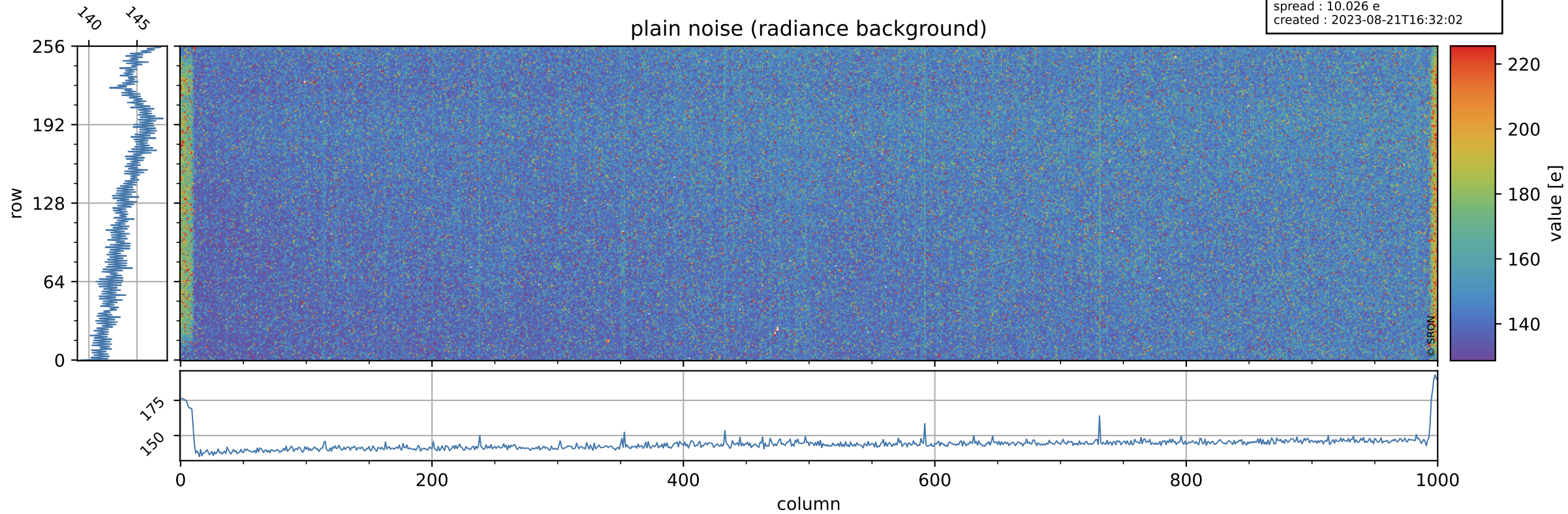
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23617, 23707]  
coverage : 2022-05-05 / 2022-05-11  
n\_coad, t\_exp : 1, 0.8383  
median : 143.66 e  
spread : 10.026 e  
created : 2023-08-21T16:32:02

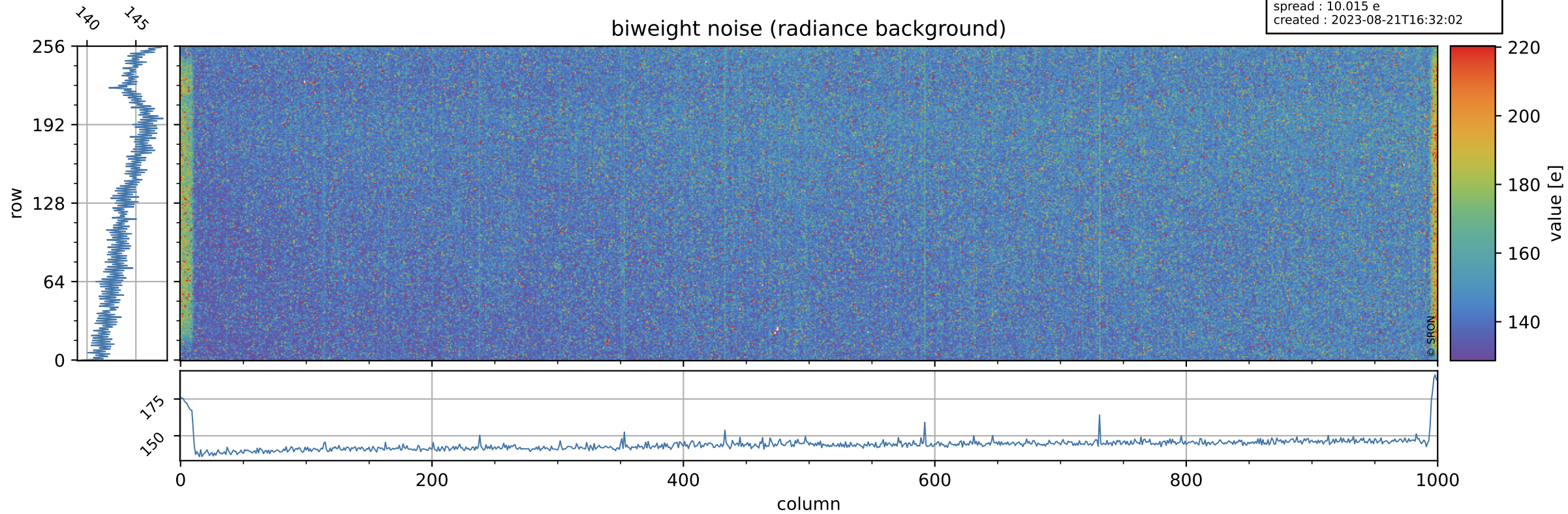
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23617, 23707]  
coverage : 2022-05-05 / 2022-05-11  
n\_coad, t\_exp : 1, 0.8383  
median : 143.87 e  
spread : 10.015 e  
created : 2023-08-21T16:32:02

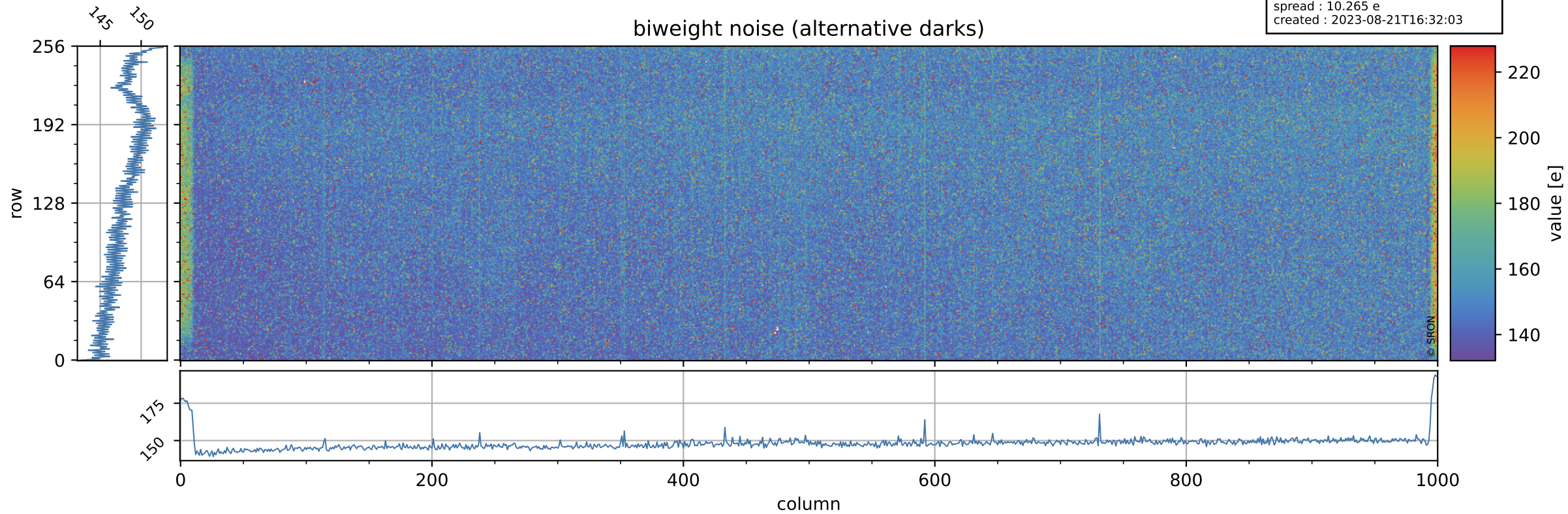
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23617, 23707]  
coverage : 2022-05-05 / 2022-05-11  
n\_coad, t\_exp : 1, 1.0783  
median : 147.8 e  
spread : 10.265 e  
created : 2023-08-21T16:32:03

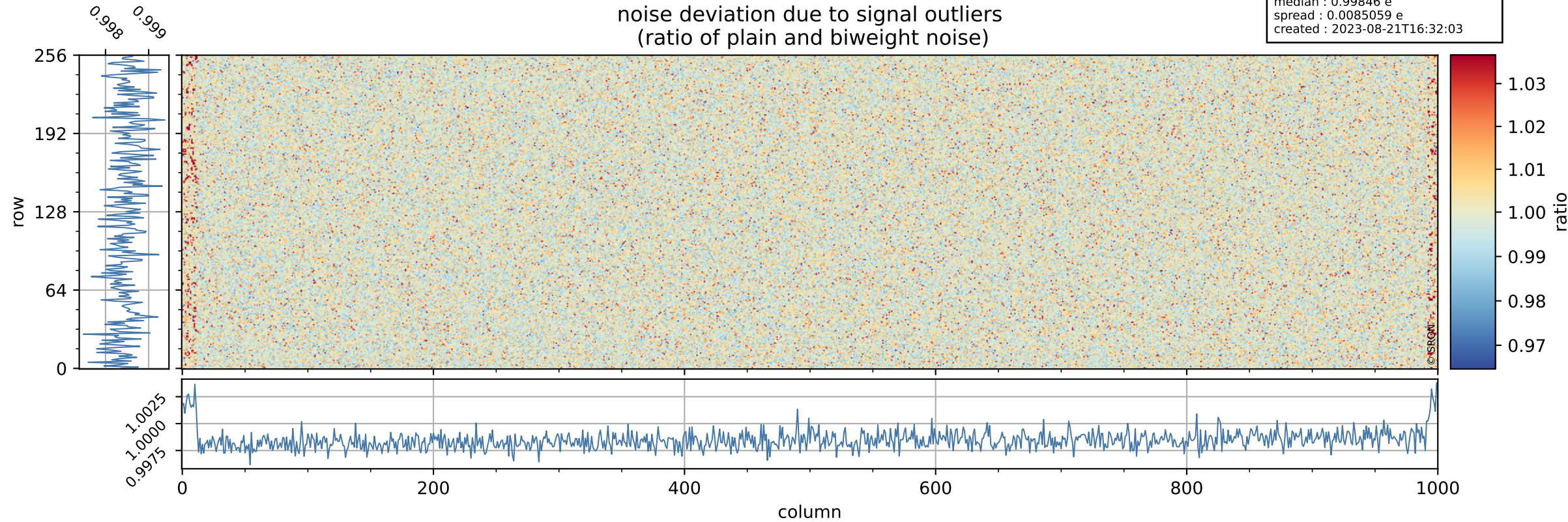
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

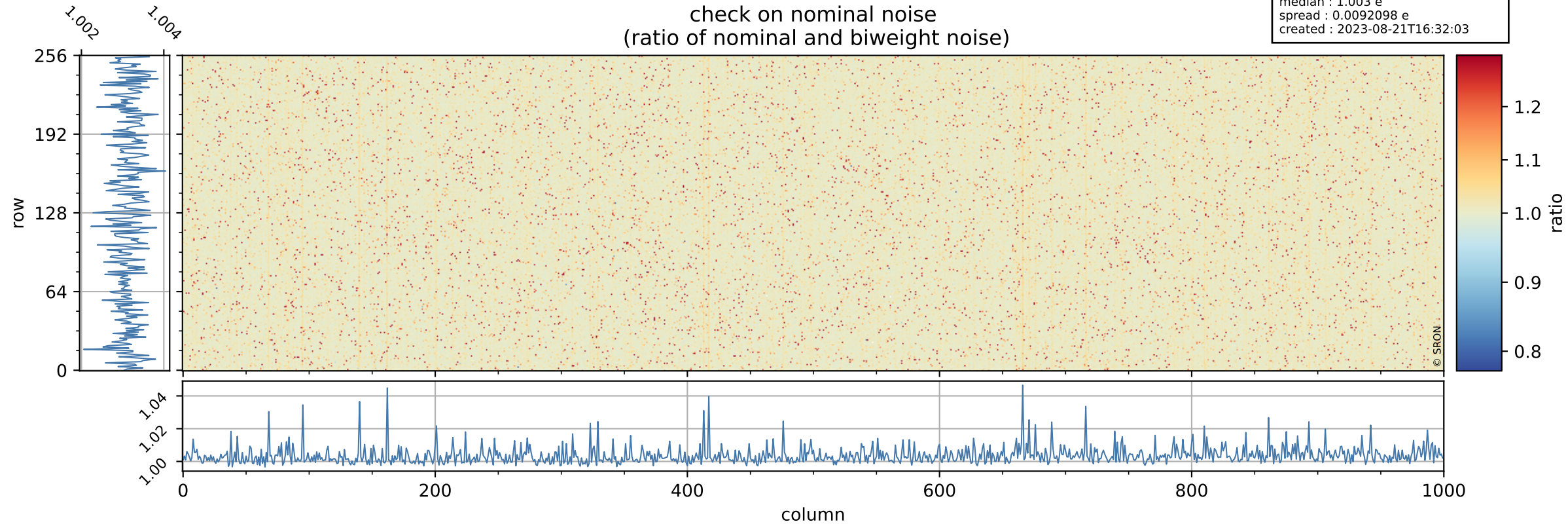
orbits : 12 in [23617, 23707]  
coverage : 2022-05-05 / 2022-05-11  
median : 0.99846 e  
spread : 0.0085059 e  
created : 2023-08-21T16:32:03



# Tropomi SWIR background noise (swir)

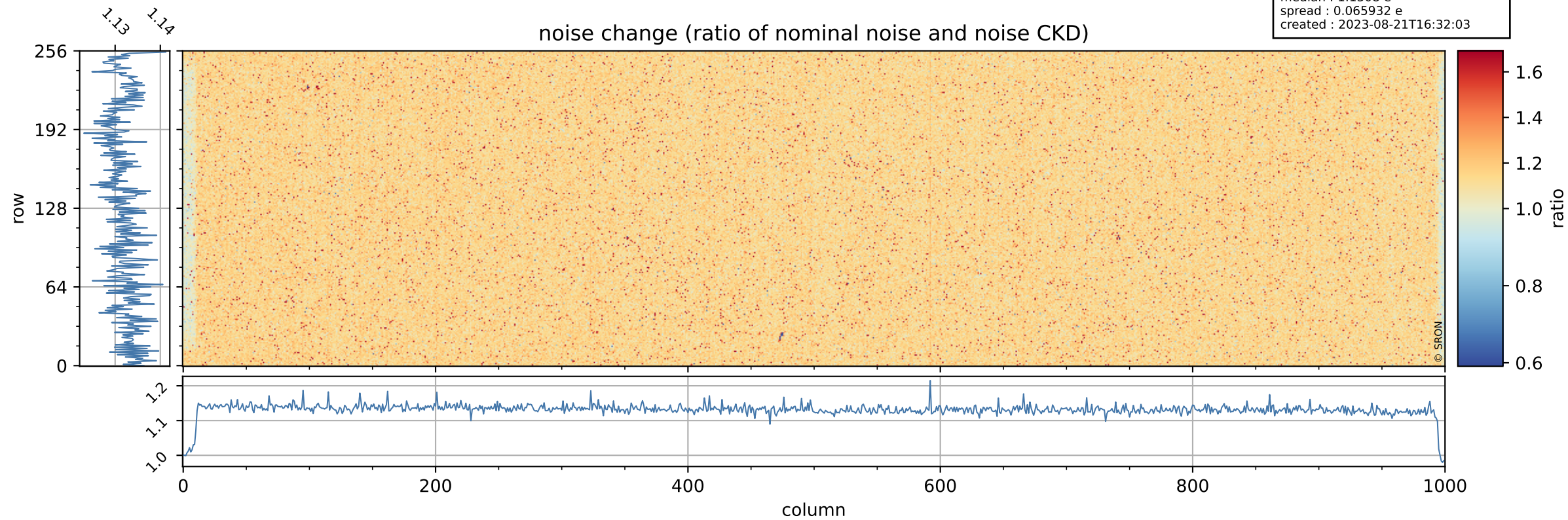
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [23617, 23707]  
coverage : 2022-05-05 / 2022-05-11  
median : 1.003 e  
spread : 0.0092098 e  
created : 2023-08-21T16:32:03



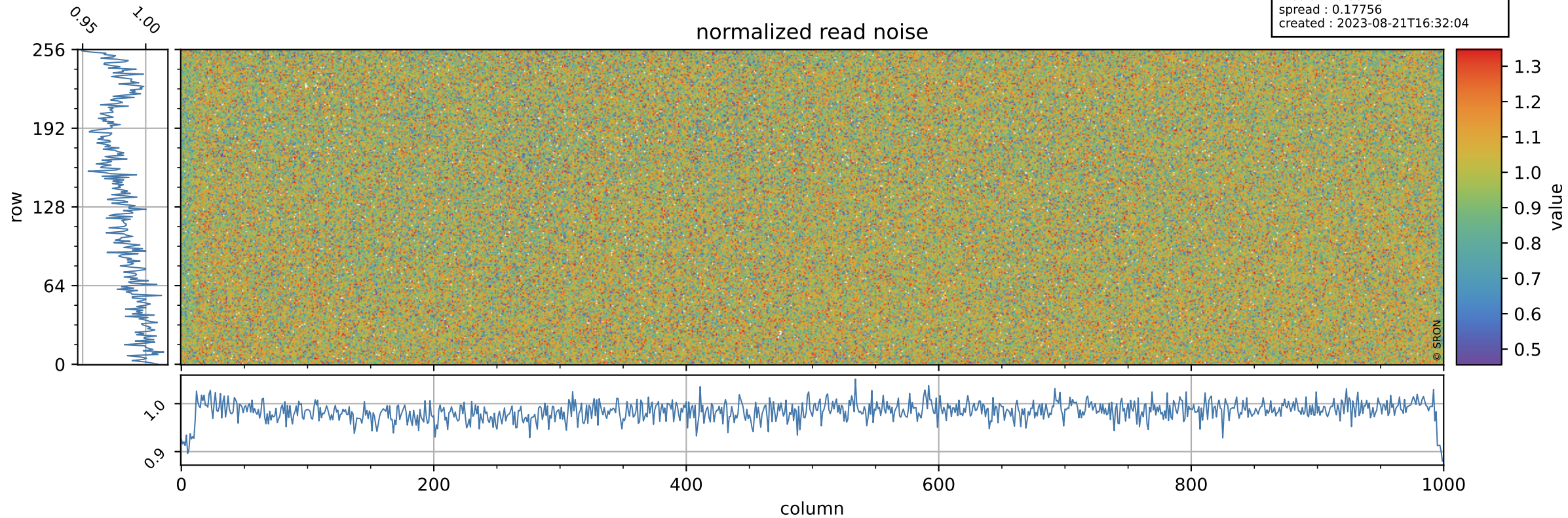
# Tropomi SWIR background noise (swir)

orbits : 12 in [23617, 23707]  
coverage : 2022-05-05 / 2022-05-11  
median : 1.1308 e  
spread : 0.065932 e  
created : 2023-08-21T16:32:03



# Tropomi SWIR background noise (swir)

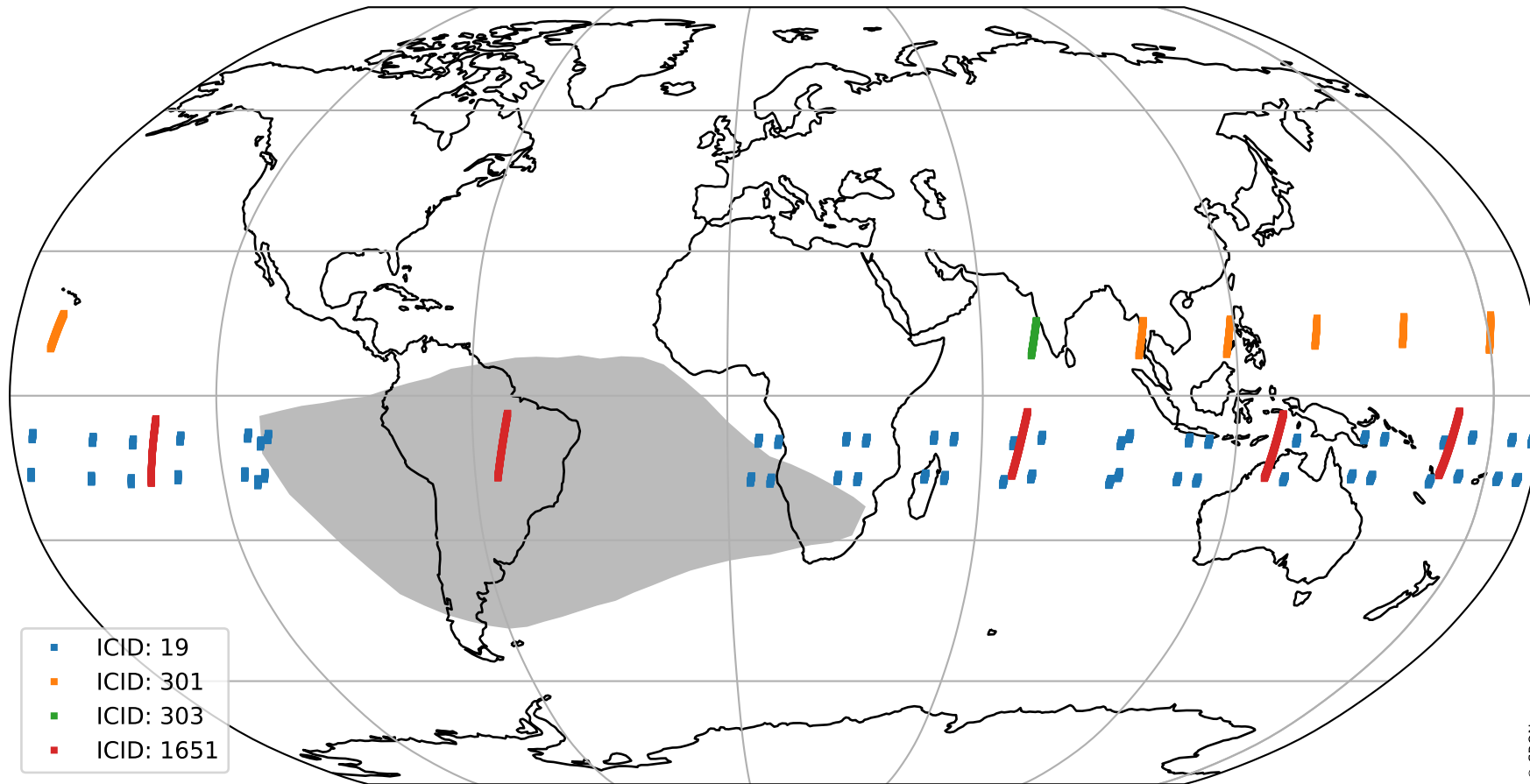
orbits : 12 in [23617, 23707]  
coverage : 2022-05-05 / 2022-05-11  
median : 0.98249  
spread : 0.17756  
created : 2023-08-21T16:32:04





# Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

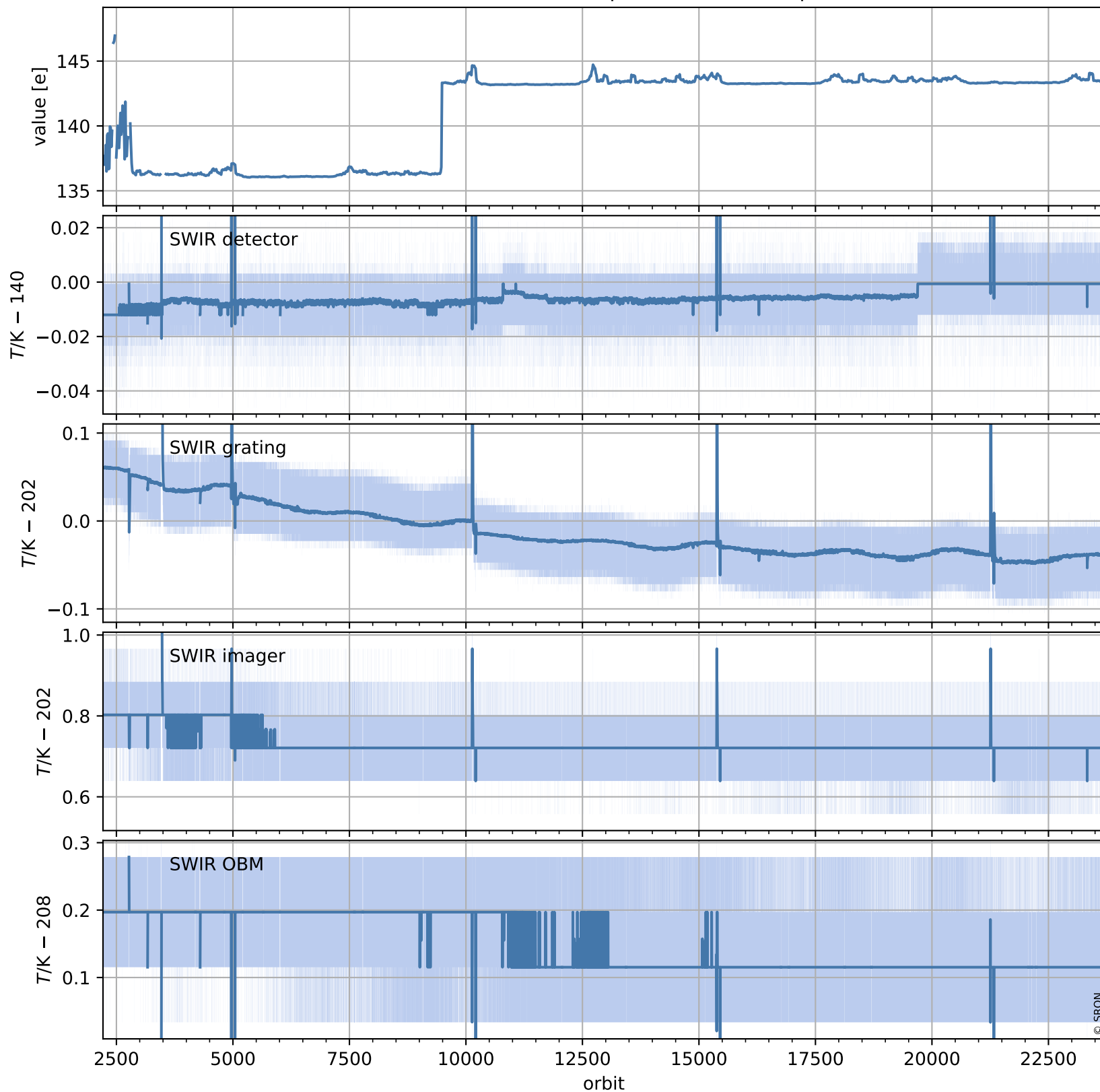
orbits : 12 in [23617, 23707]  
coverage : 2022-05-05 / 2022-05-11  
created : 2023-08-21T16:32:04



# Tropomi SWIR background noise (swir)

orbits : [2212, 23707]  
coverage : 2018-03-18 / 2022-05-11  
created : 2023-08-21T16:32:04

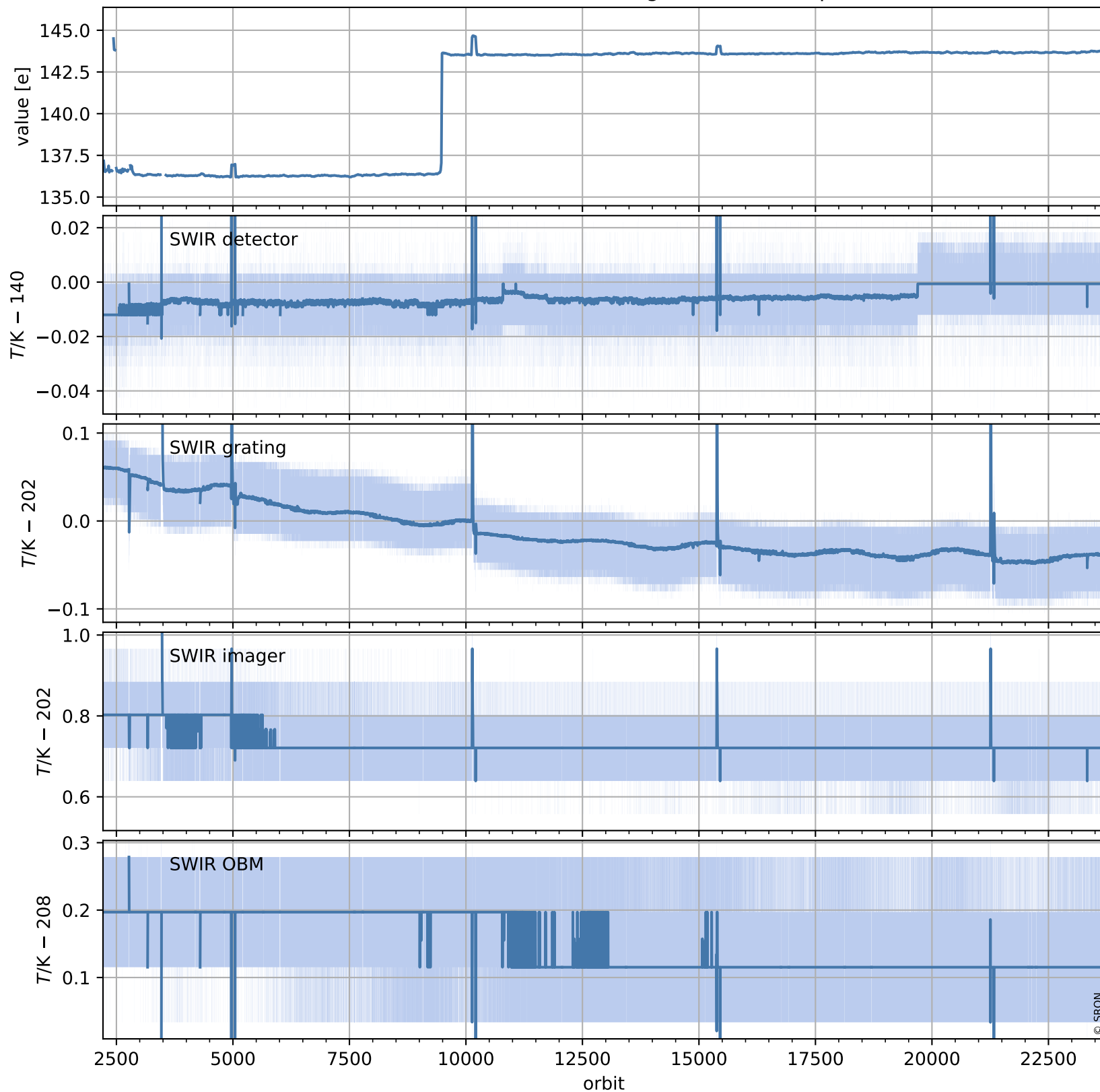
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23707]  
coverage : 2018-03-18 / 2022-05-11  
created : 2023-08-21T16:32:05

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23707]  
coverage : 2018-03-18 / 2022-05-11  
created : 2023-08-21T16:32:06

## trend of normalized read-noise & temperatures

