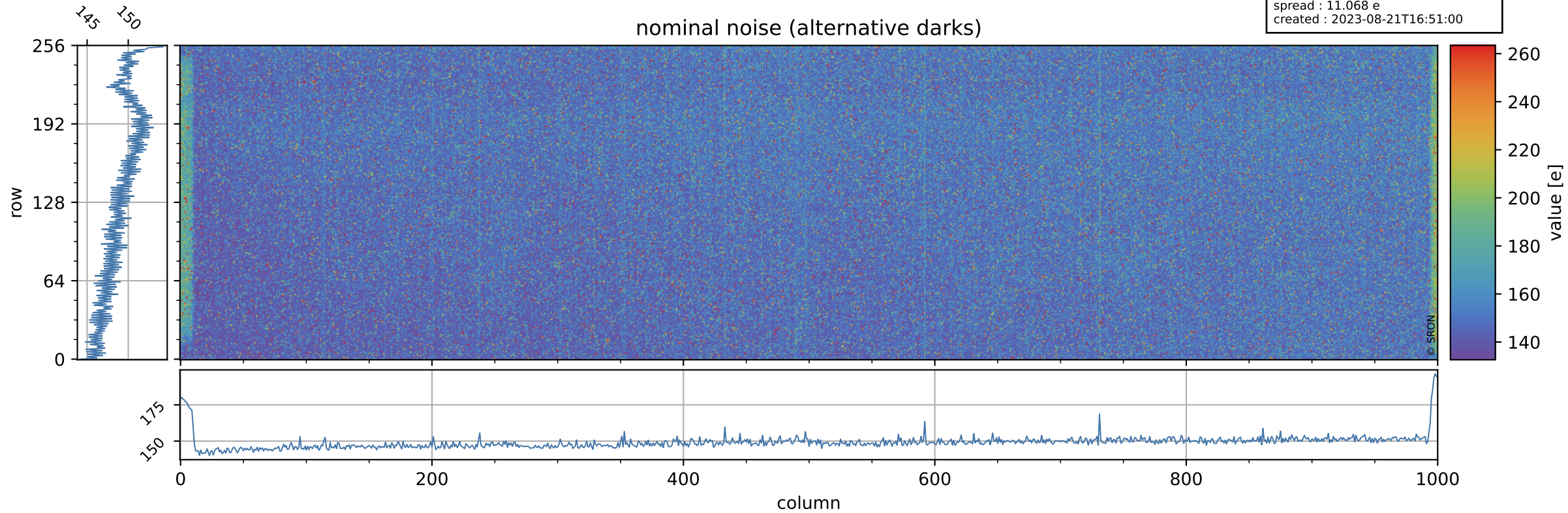


# Tropomi SWIR background noise (swir)

orbits : 12 in [26677, 26767]  
coverage : 2022-12-07 / 2022-12-13  
n\_coad, t\_exp : 1, 1.0783  
median : 148.96 e  
spread : 11.068 e  
created : 2023-08-21T16:51:00

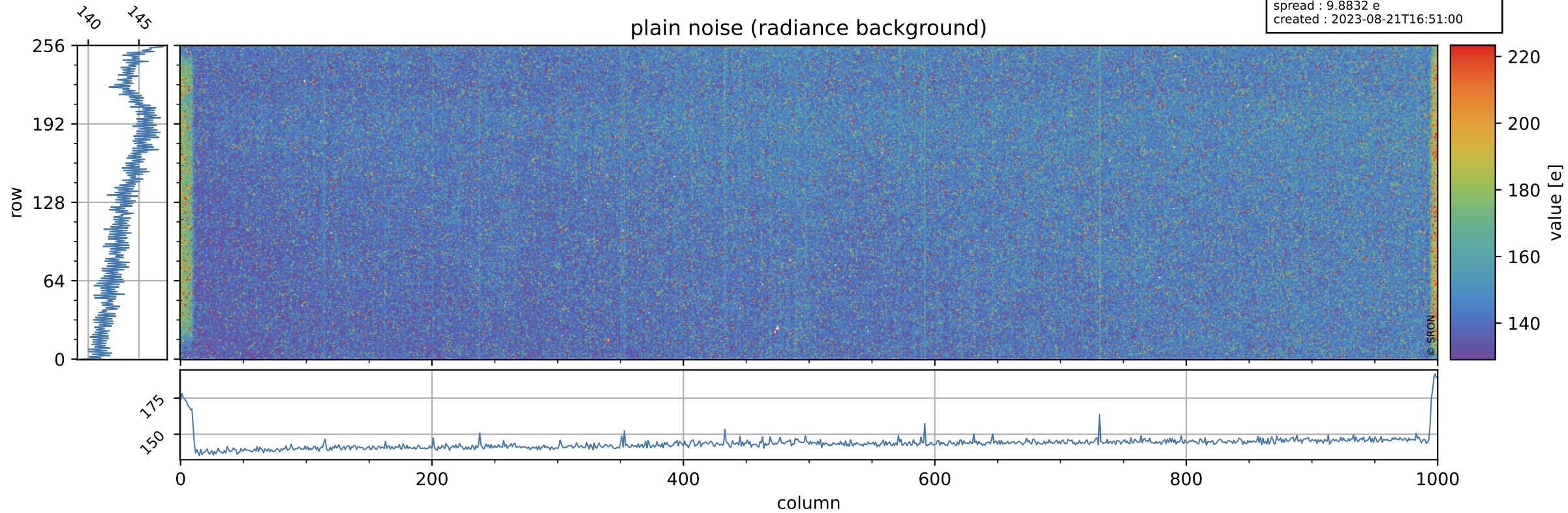
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26677, 26767]  
coverage : 2022-12-07 / 2022-12-13  
n\_coad, t\_exp : 1, 0.8383  
median : 143.54 e  
spread : 9.8832 e  
created : 2023-08-21T16:51:00

plain noise (radiance background)

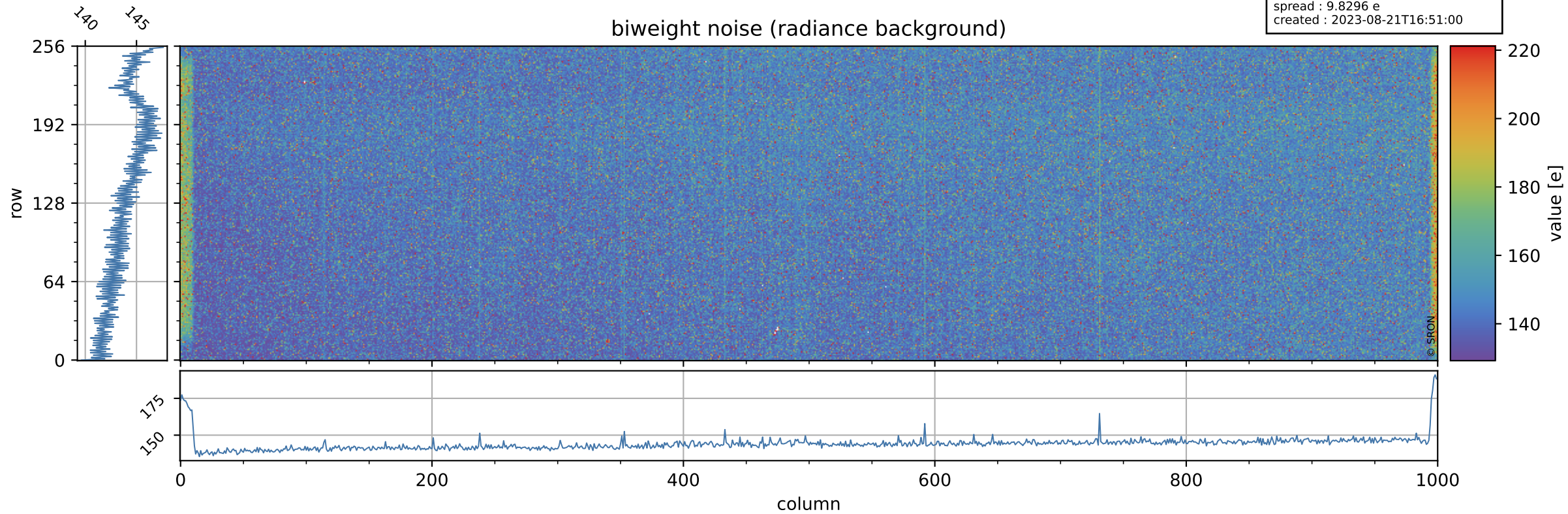




# Tropomi SWIR background noise (swir)

orbits : 12 in [26677, 26767]  
coverage : 2022-12-07 / 2022-12-13  
n\_coad, t\_exp : 1, 0.8383  
median : 143.87 e  
spread : 9.8296 e  
created : 2023-08-21T16:51:00

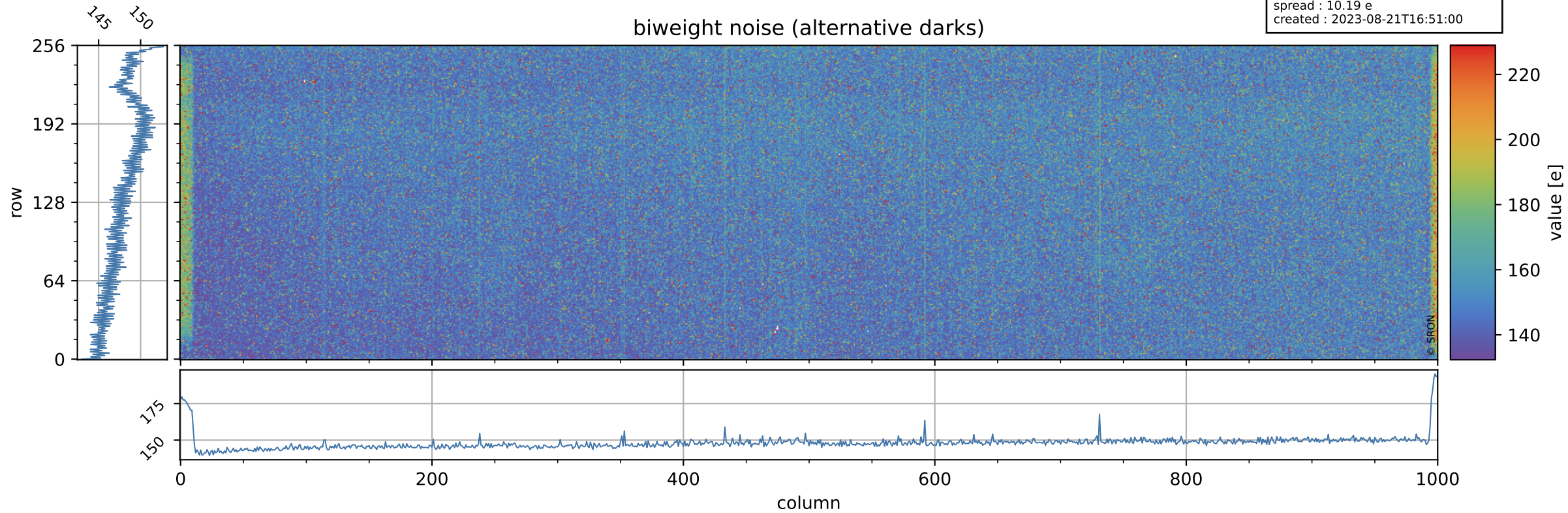
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26677, 26767]  
coverage : 2022-12-07 / 2022-12-13  
n\_coad, t\_exp : 1, 1.0783  
median : 147.84 e  
spread : 10.19 e  
created : 2023-08-21T16:51:00

## biweight noise (alternative darks)

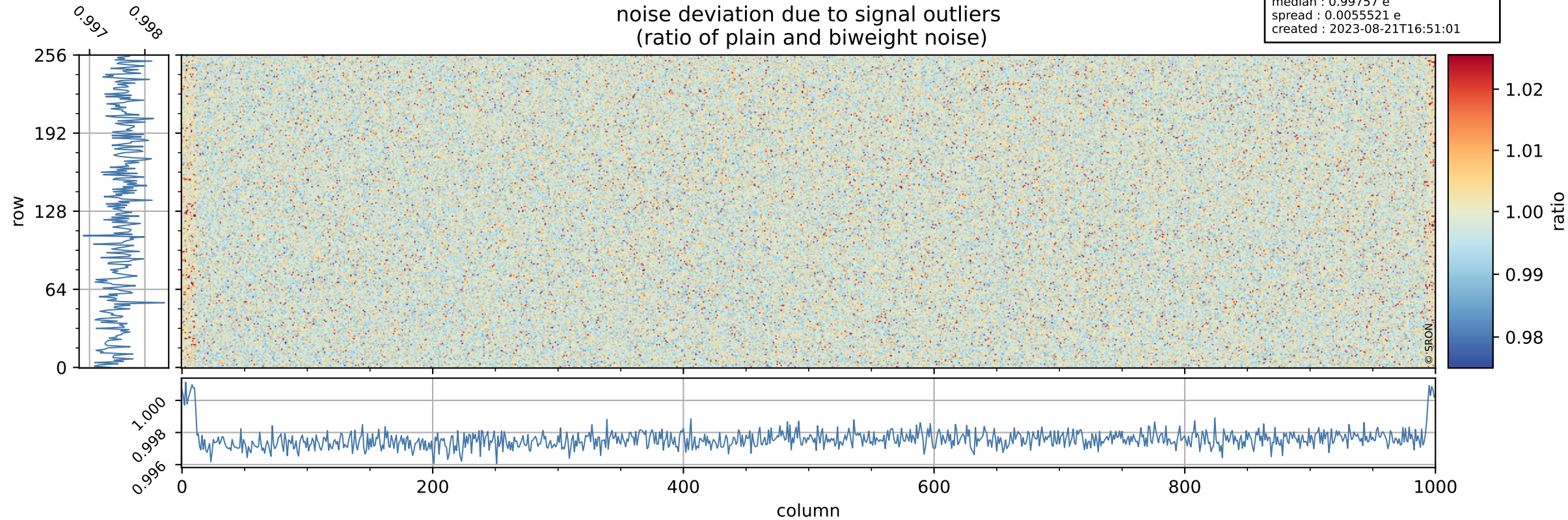




# Tropomi SWIR background noise (swir)

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

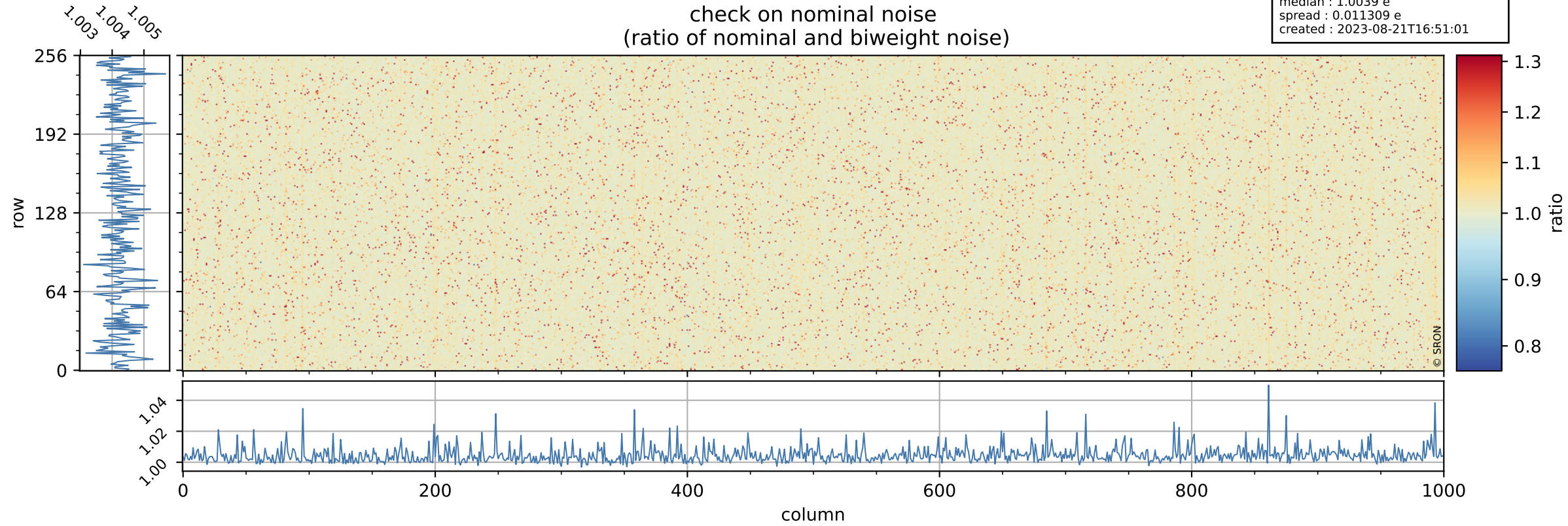
orbits : 12 in [26677, 26767]  
coverage : 2022-12-07 / 2022-12-13  
median : 0.99757 e  
spread : 0.0055521 e  
created : 2023-08-21T16:51:01



# Tropomi SWIR background noise (swir)

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

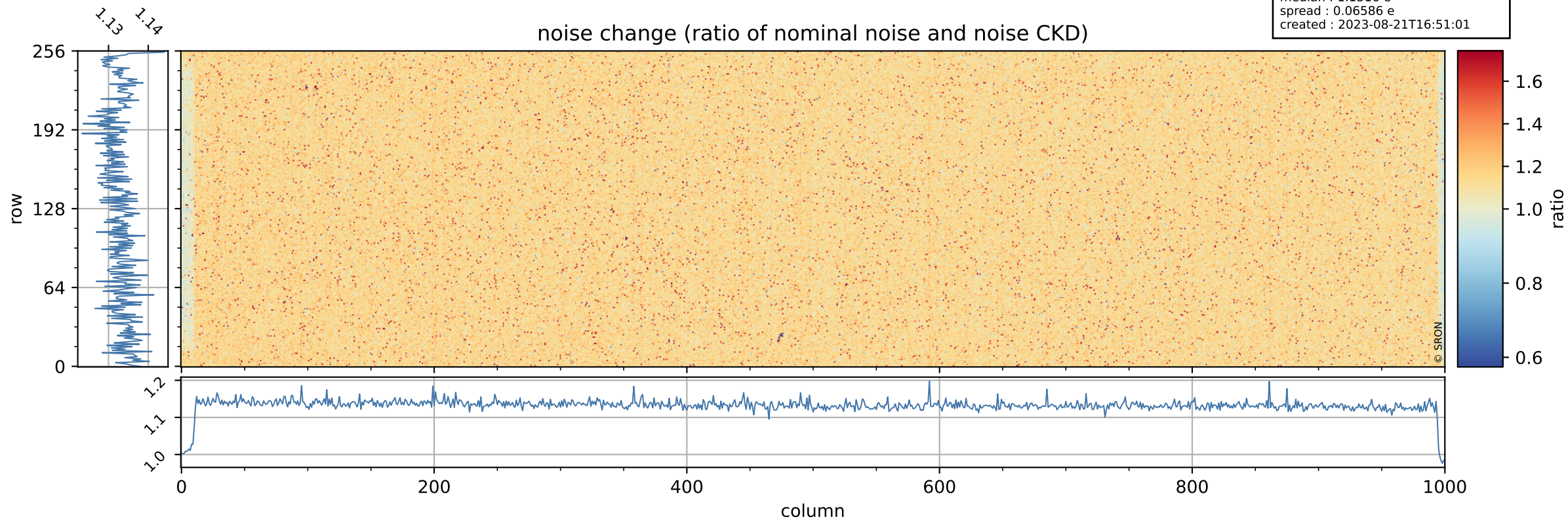
orbits : 12 in [26677, 26767]  
coverage : 2022-12-07 / 2022-12-13  
median : 1.0039 e  
spread : 0.011309 e  
created : 2023-08-21T16:51:01





# Tropomi SWIR background noise (swir)

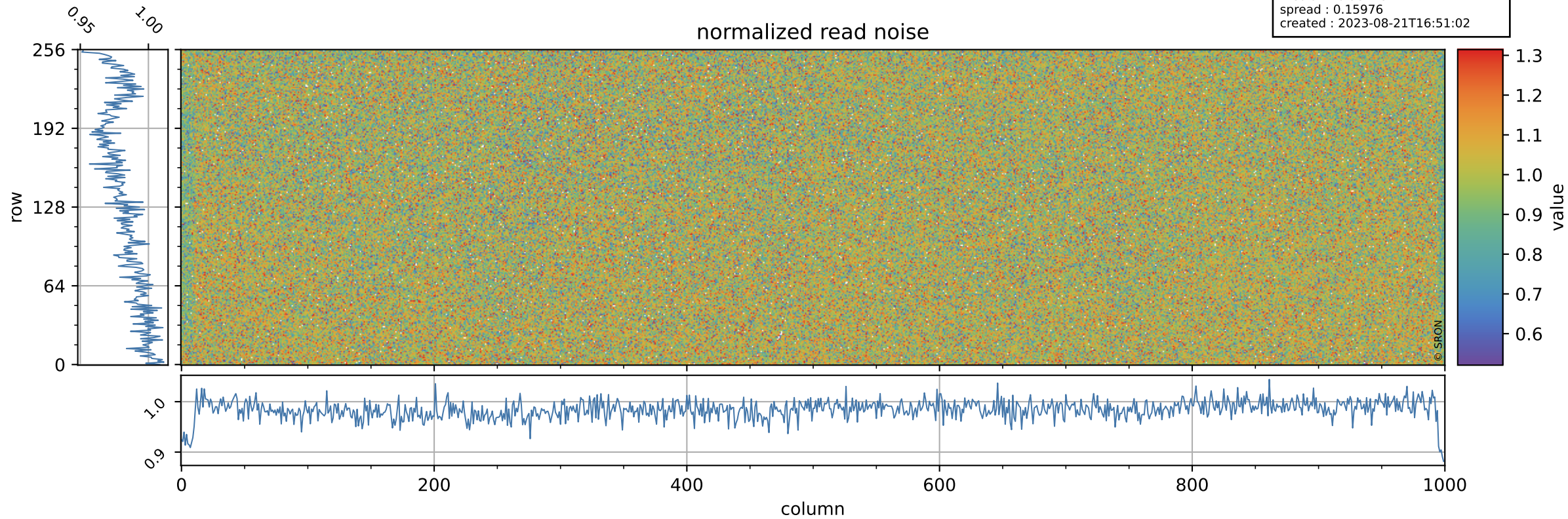
orbits : 12 in [26677, 26767]  
coverage : 2022-12-07 / 2022-12-13  
median : 1.1316 e  
spread : 0.06586 e  
created : 2023-08-21T16:51:01





# Tropomi SWIR background noise (swir)

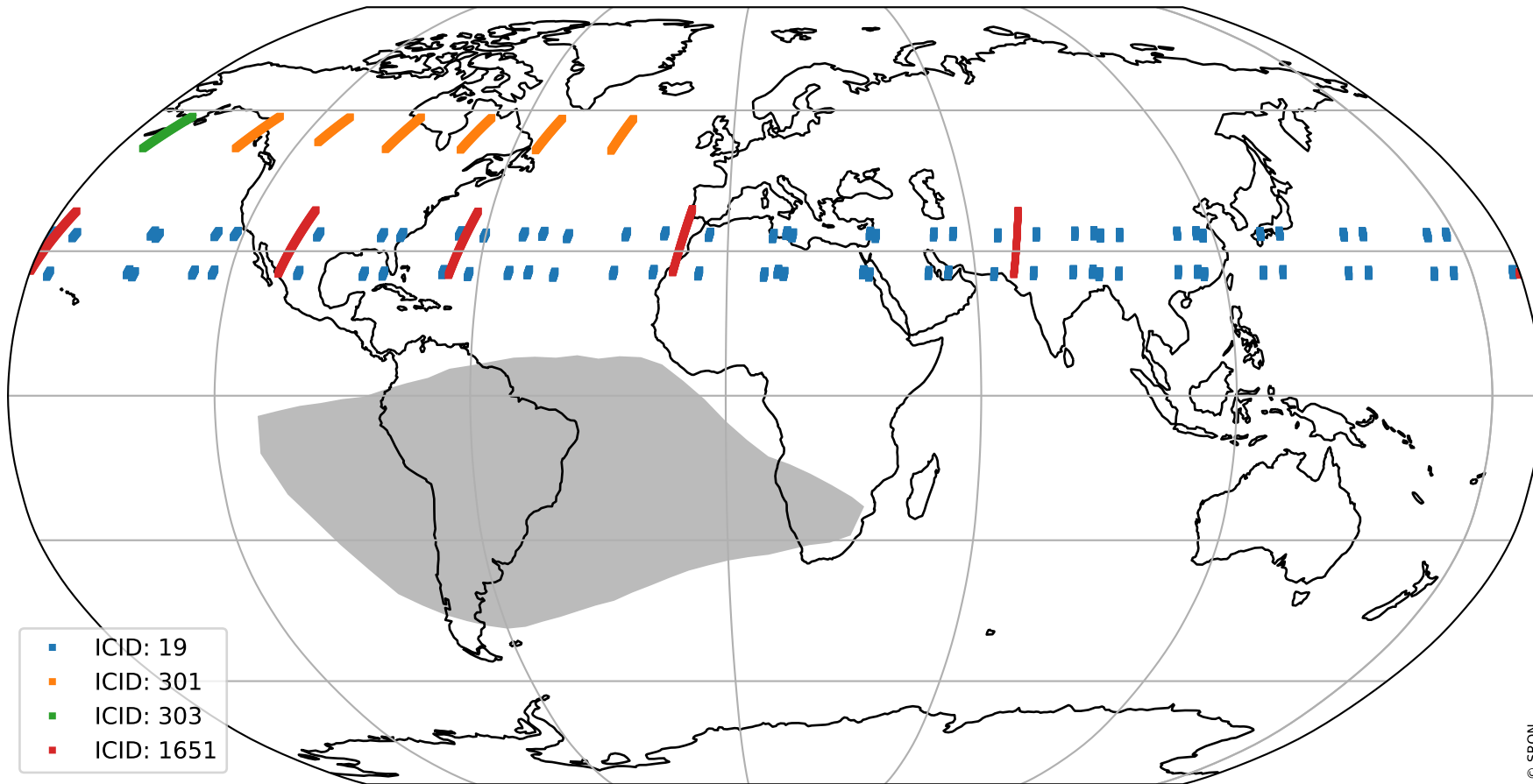
orbits : 12 in [26677, 26767]  
coverage : 2022-12-07 / 2022-12-13  
median : 0.98278  
spread : 0.15976  
created : 2023-08-21T16:51:02





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

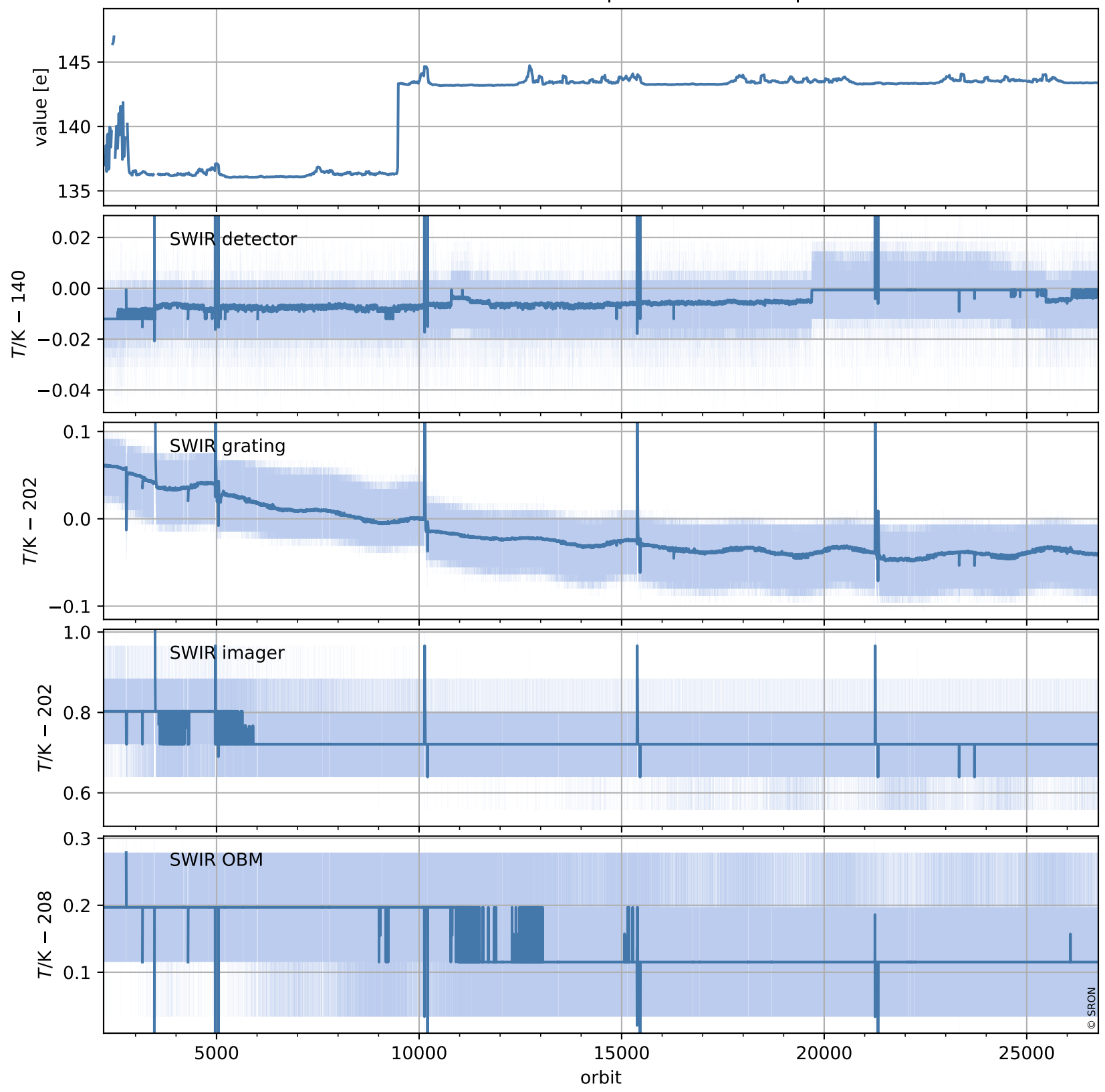
orbits : 12 in [26677, 26767]  
coverage : 2022-12-07 / 2022-12-13  
created : 2023-08-21T16:51:02



# Tropomi SWIR background noise (swir)

orbits : [2212, 26767]  
coverage : 2018-03-18 / 2022-12-13  
created : 2023-08-21T16:51:02

## trend of detector median of plain noise & temperatures

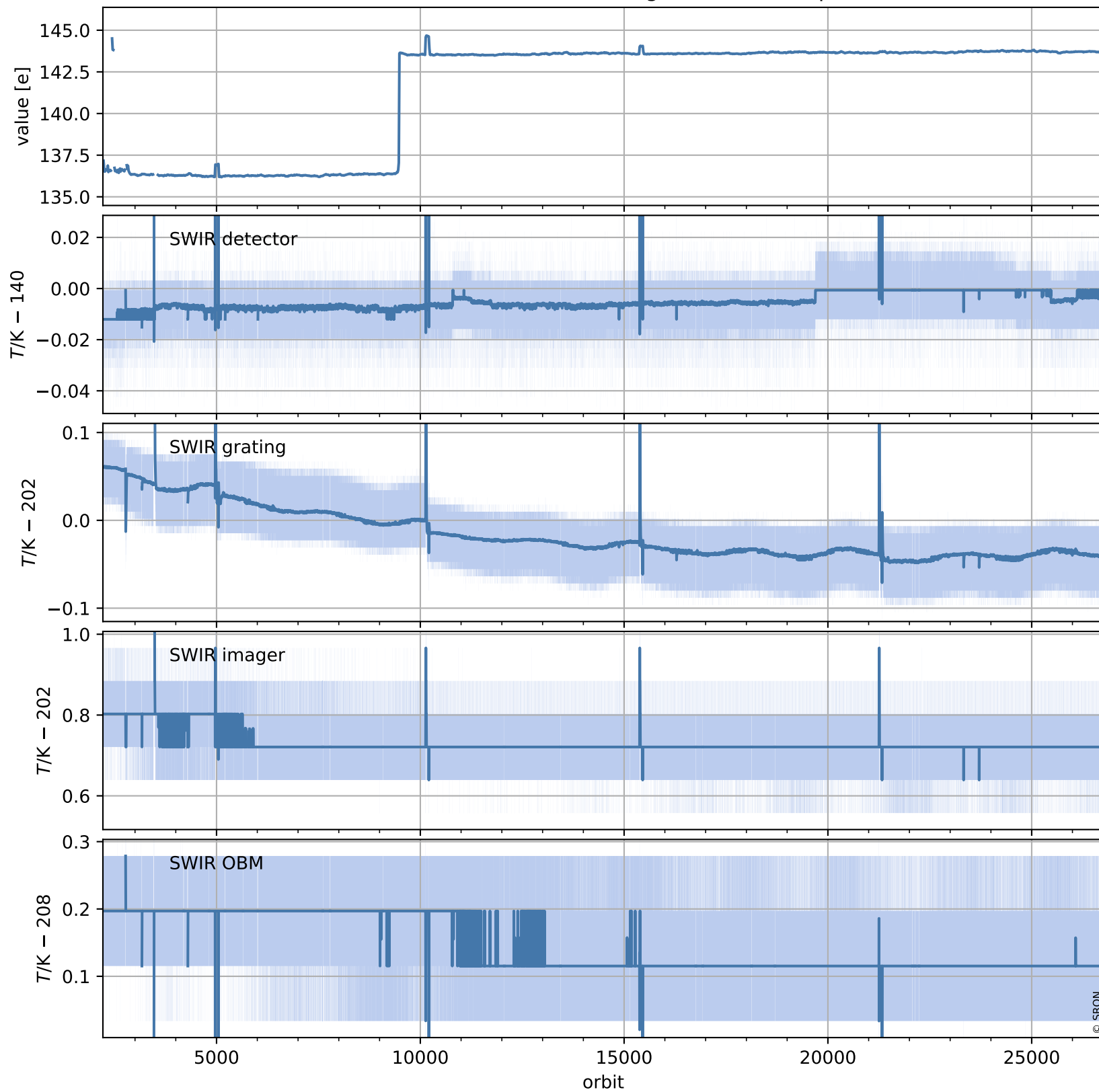




# Tropomi SWIR background noise (swir)

orbits : [2212, 26767]  
coverage : 2018-03-18 / 2022-12-13  
created : 2023-08-21T16:51:03

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26767]  
coverage : 2018-03-18 / 2022-12-13  
created : 2023-08-21T16:51:04

## trend of normalized read-noise & temperatures

