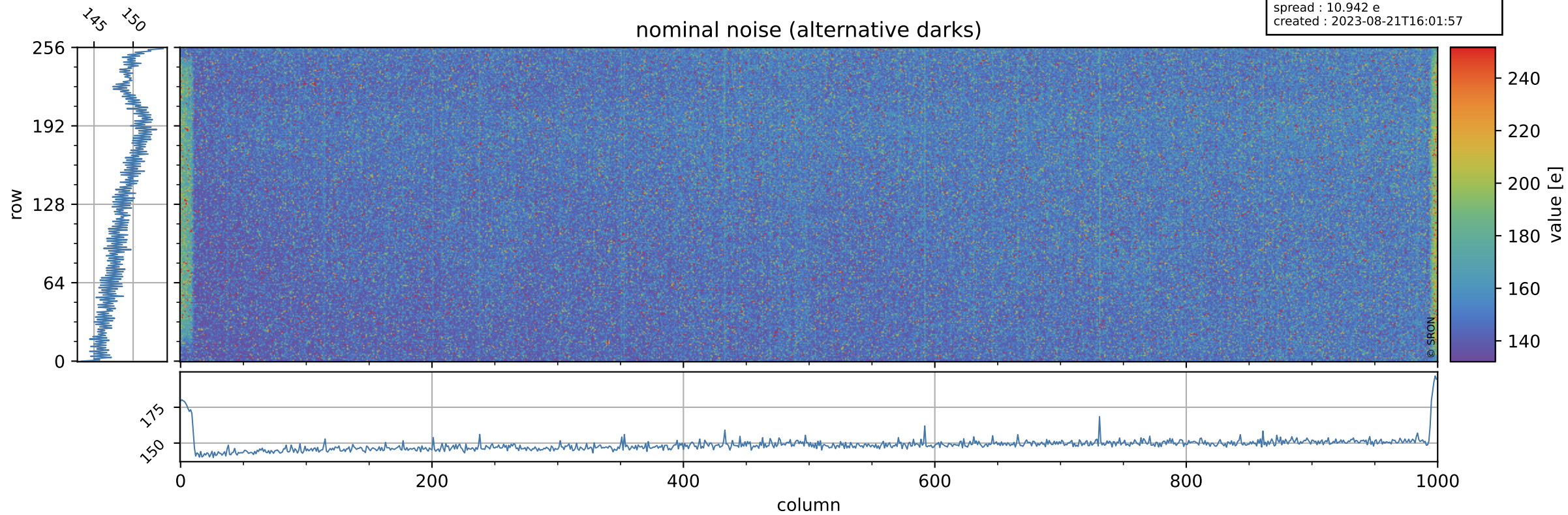


# Tropomi SWIR background noise (swir)

orbits : 12 in [18787, 18877]  
coverage : 2021-05-30 / 2021-06-04  
n\_coad, t\_exp : 1, 1.0783  
median : 148.6 e  
spread : 10.942 e  
created : 2023-08-21T16:01:57

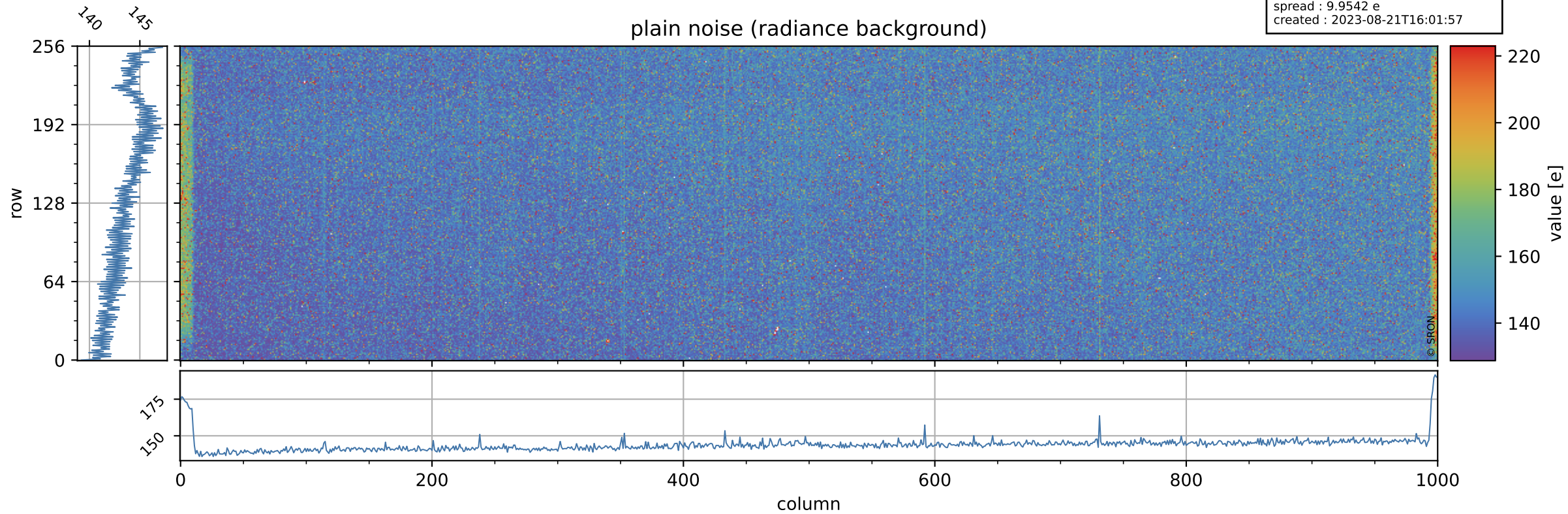
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18787, 18877]  
coverage : 2021-05-30 / 2021-06-04  
n\_coad, t\_exp : 1, 0.8383  
median : 143.57 e  
spread : 9.9542 e  
created : 2023-08-21T16:01:57

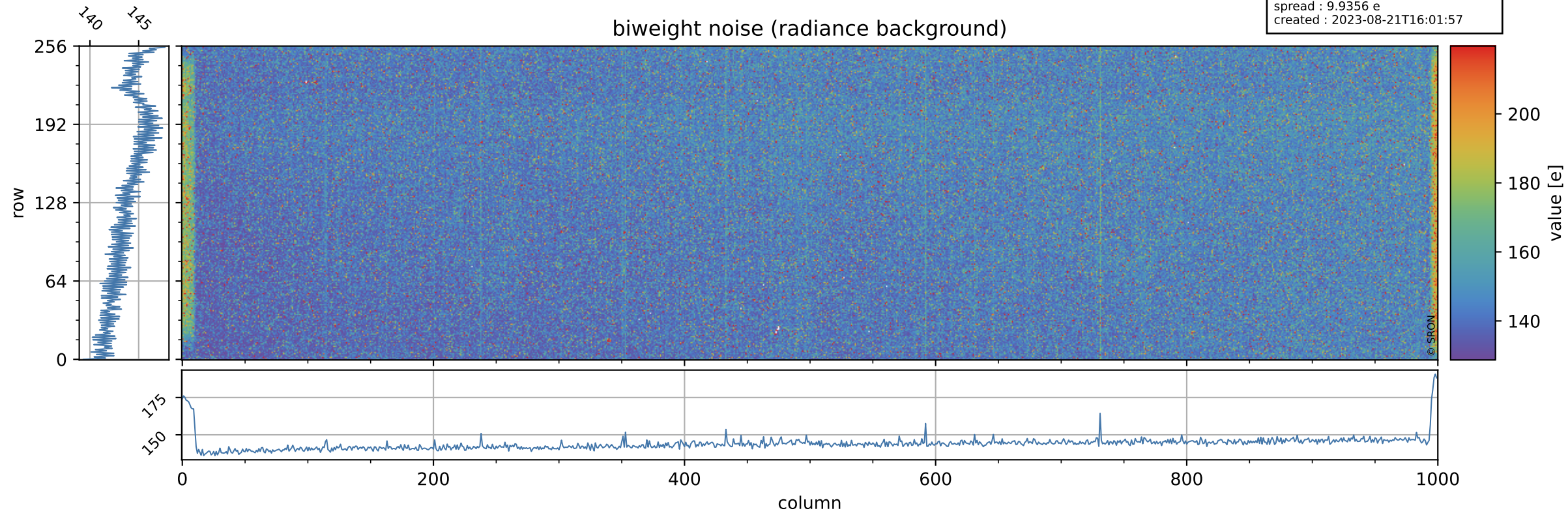
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18787, 18877]  
coverage : 2021-05-30 / 2021-06-04  
n\_coad, t\_exp : 1, 0.8383  
median : 143.78 e  
spread : 9.9356 e  
created : 2023-08-21T16:01:57

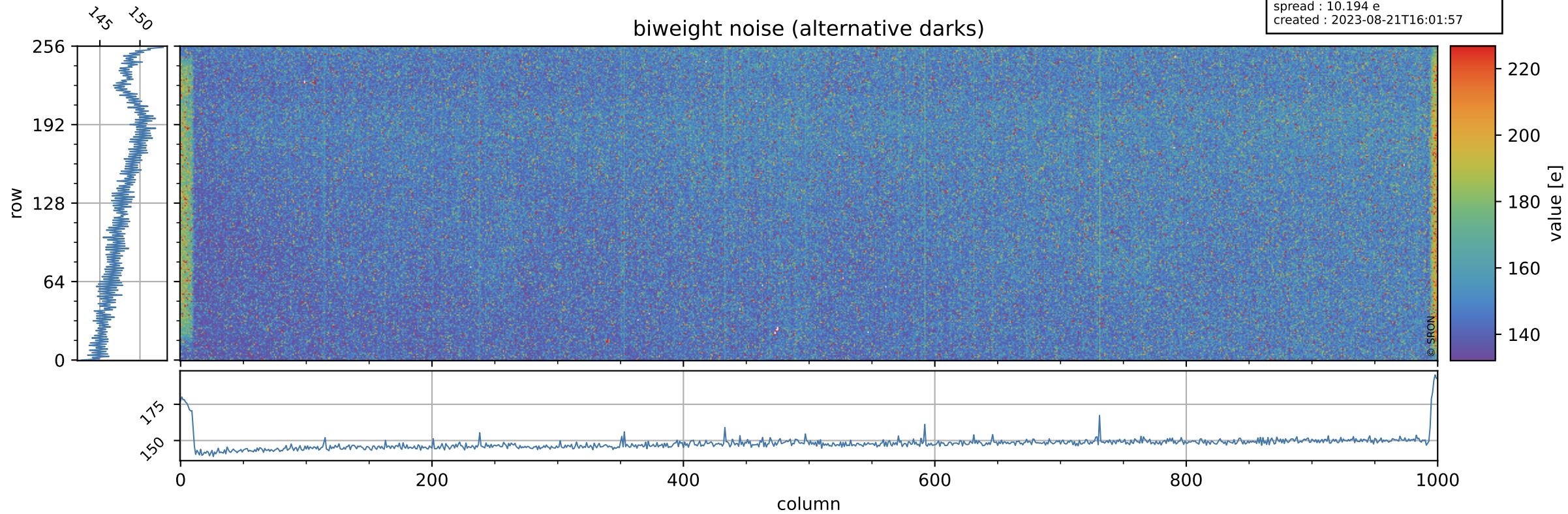
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18787, 18877]  
coverage : 2021-05-30 / 2021-06-04  
n\_coad, t\_exp : 1, 1.0783  
median : 147.76 e  
spread : 10.194 e  
created : 2023-08-21T16:01:57

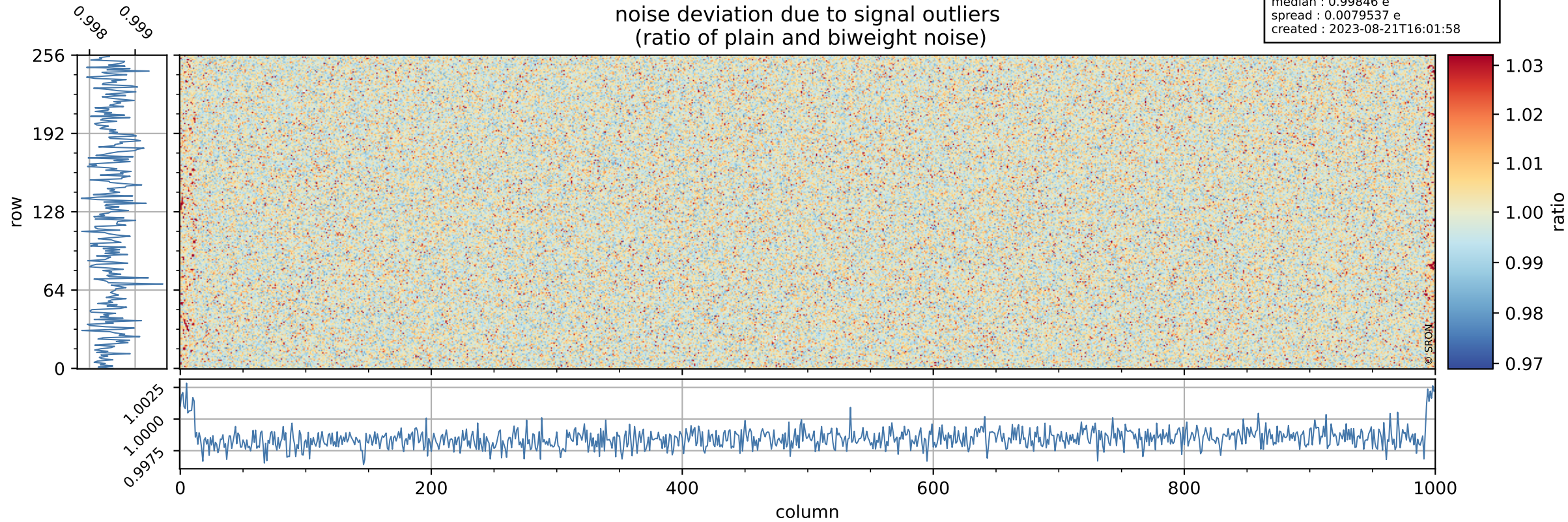
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

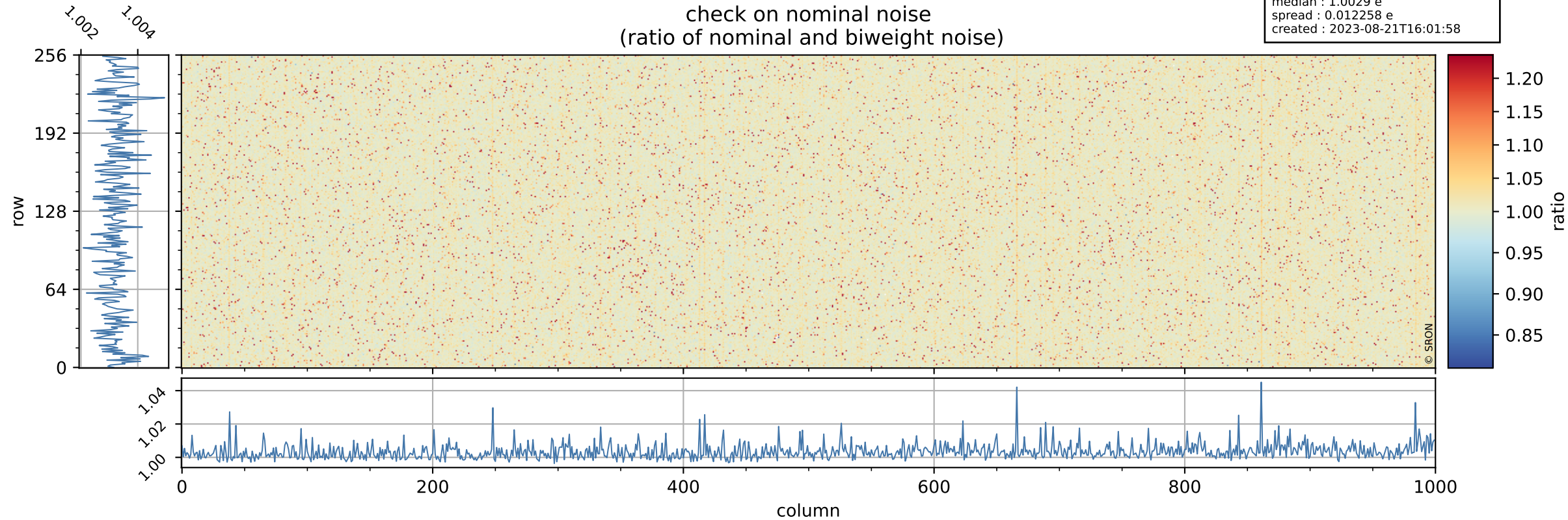
orbits : 12 in [18787, 18877]  
coverage : 2021-05-30 / 2021-06-04  
median : 0.99846 e  
spread : 0.0079537 e  
created : 2023-08-21T16:01:58



# Tropomi SWIR background noise (swir)

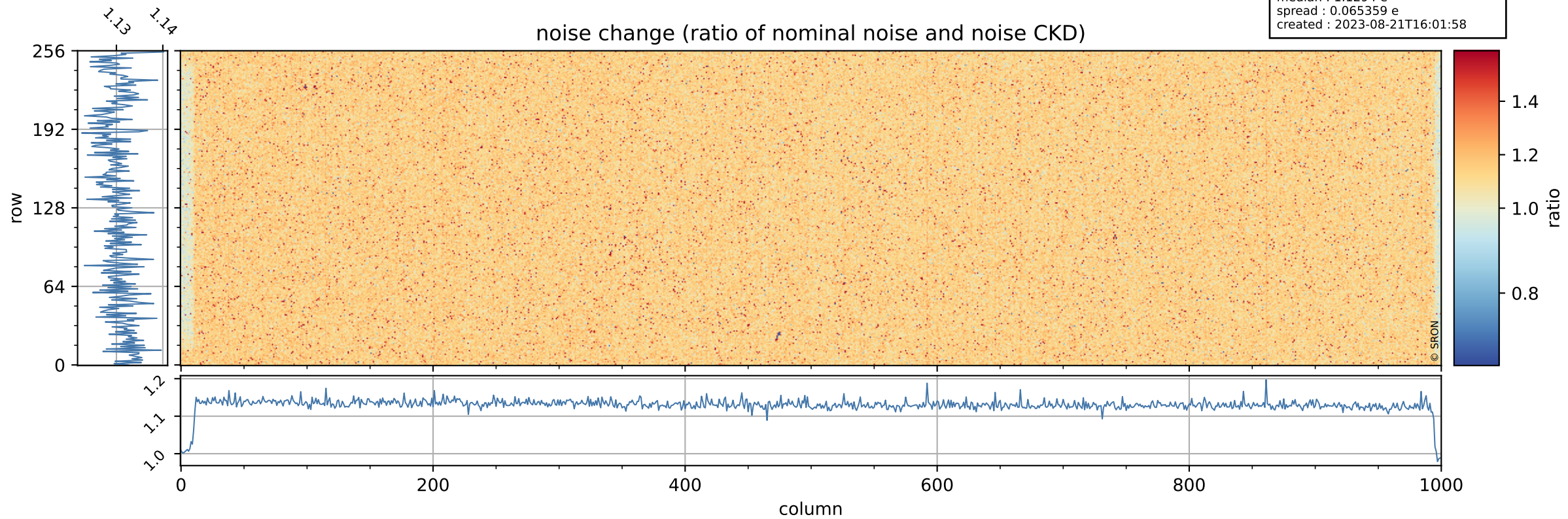
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [18787, 18877]  
coverage : 2021-05-30 / 2021-06-04  
median : 1.0029 e  
spread : 0.012258 e  
created : 2023-08-21T16:01:58



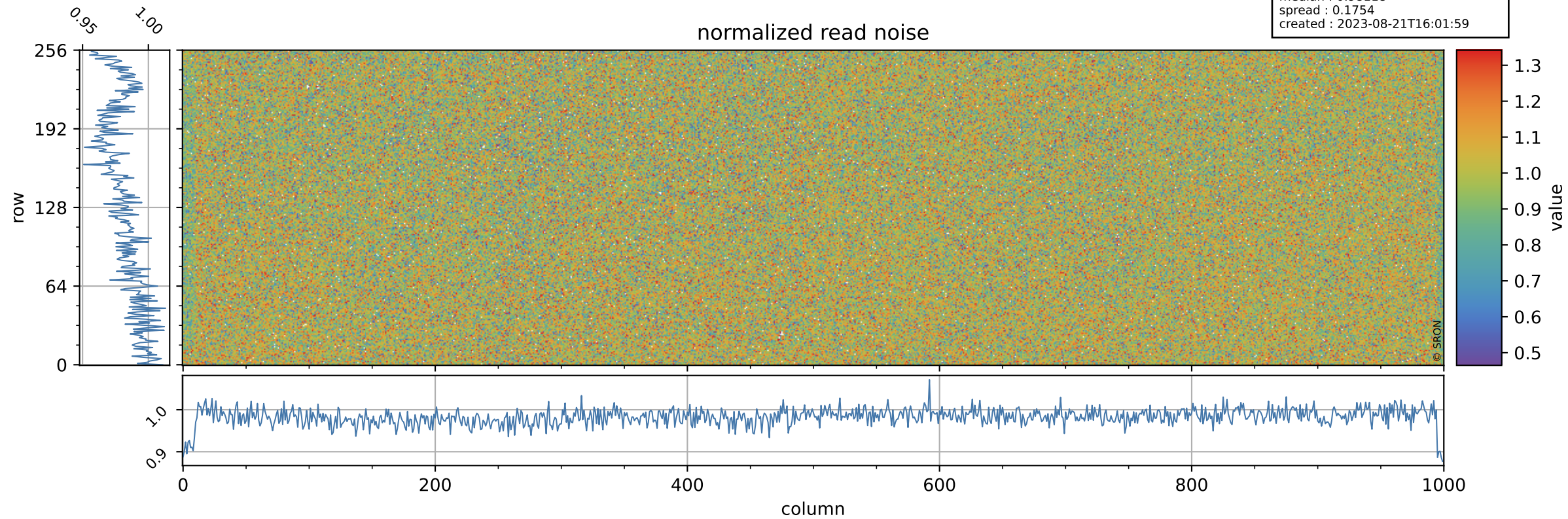
# Tropomi SWIR background noise (swir)

orbits : 12 in [18787, 18877]  
coverage : 2021-05-30 / 2021-06-04  
median : 1.1294 e  
spread : 0.065359 e  
created : 2023-08-21T16:01:58



# Tropomi SWIR background noise (swir)

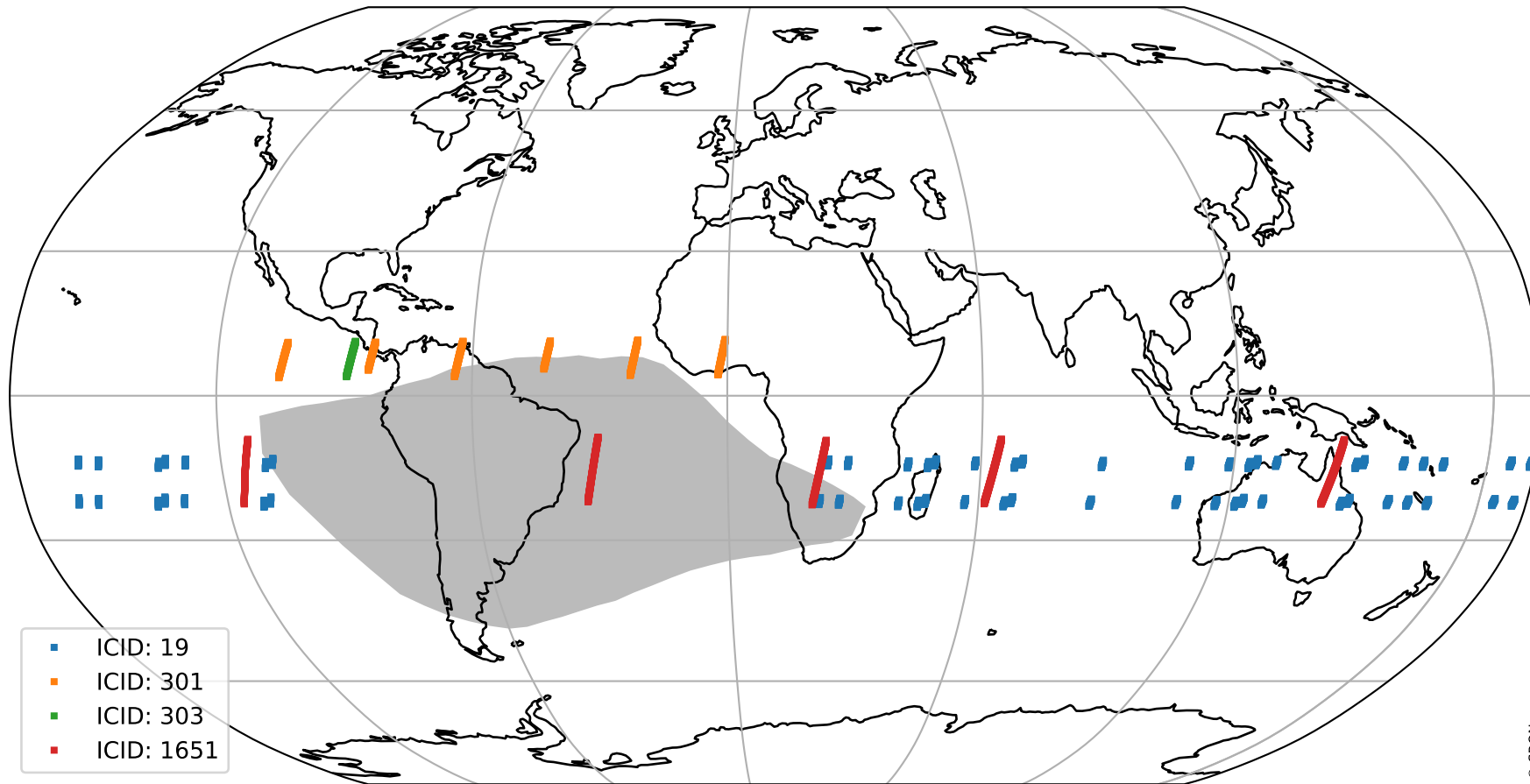
orbits : 12 in [18787, 18877]  
coverage : 2021-05-30 / 2021-06-04  
median : 0.98118  
spread : 0.1754  
created : 2023-08-21T16:01:59





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

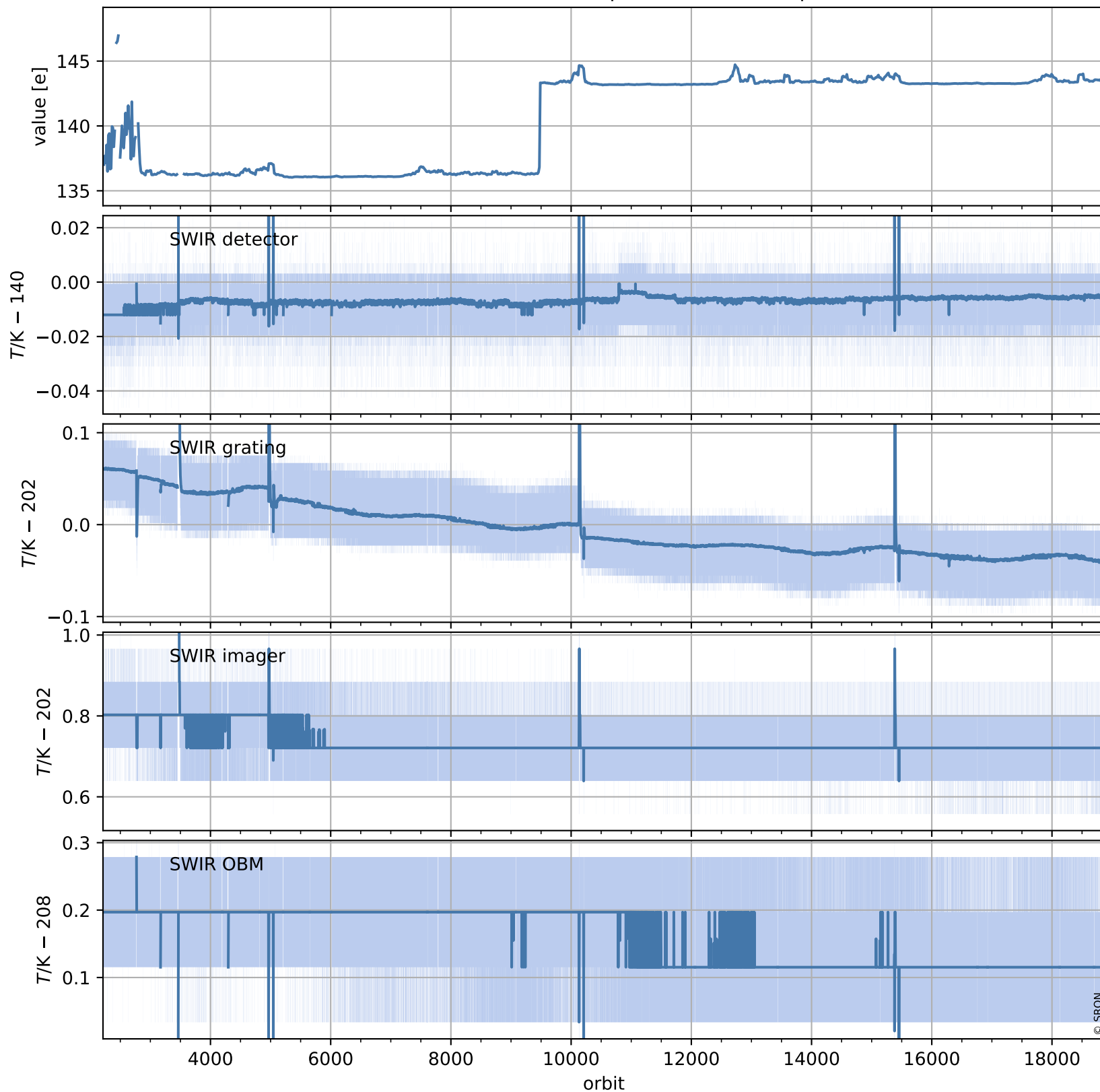
orbits : 12 in [18787, 18877]  
coverage : 2021-05-30 / 2021-06-04  
created : 2023-08-21T16:01:59



# Tropomi SWIR background noise (swir)

orbits : [2212, 18877]  
coverage : 2018-03-18 / 2021-06-04  
created : 2023-08-21T16:01:59

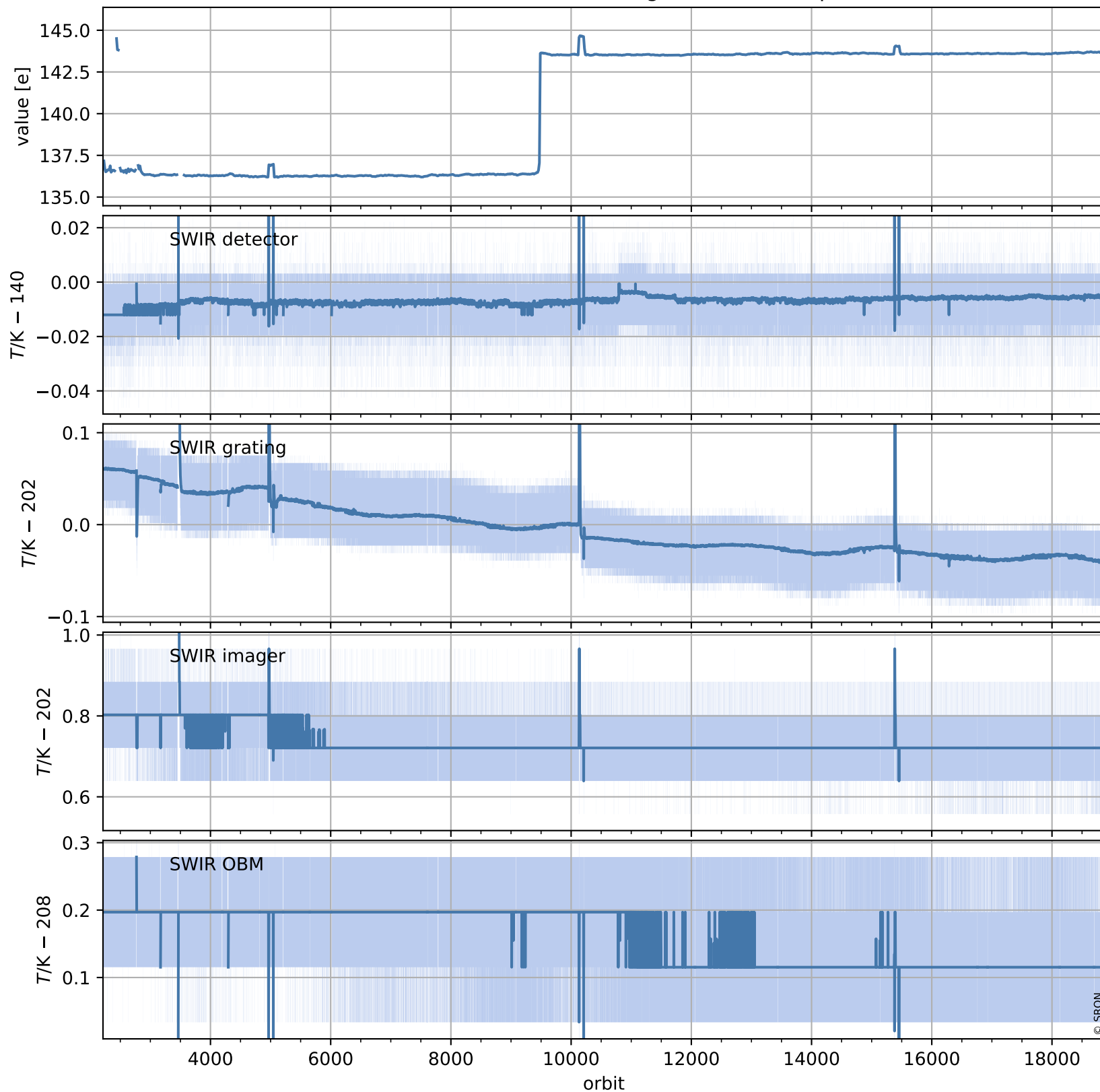
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18877]  
coverage : 2018-03-18 / 2021-06-04  
created : 2023-08-21T16:02:00

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18877]  
coverage : 2018-03-18 / 2021-06-04  
created : 2023-08-21T16:02:01

## trend of normalized read-noise & temperatures

