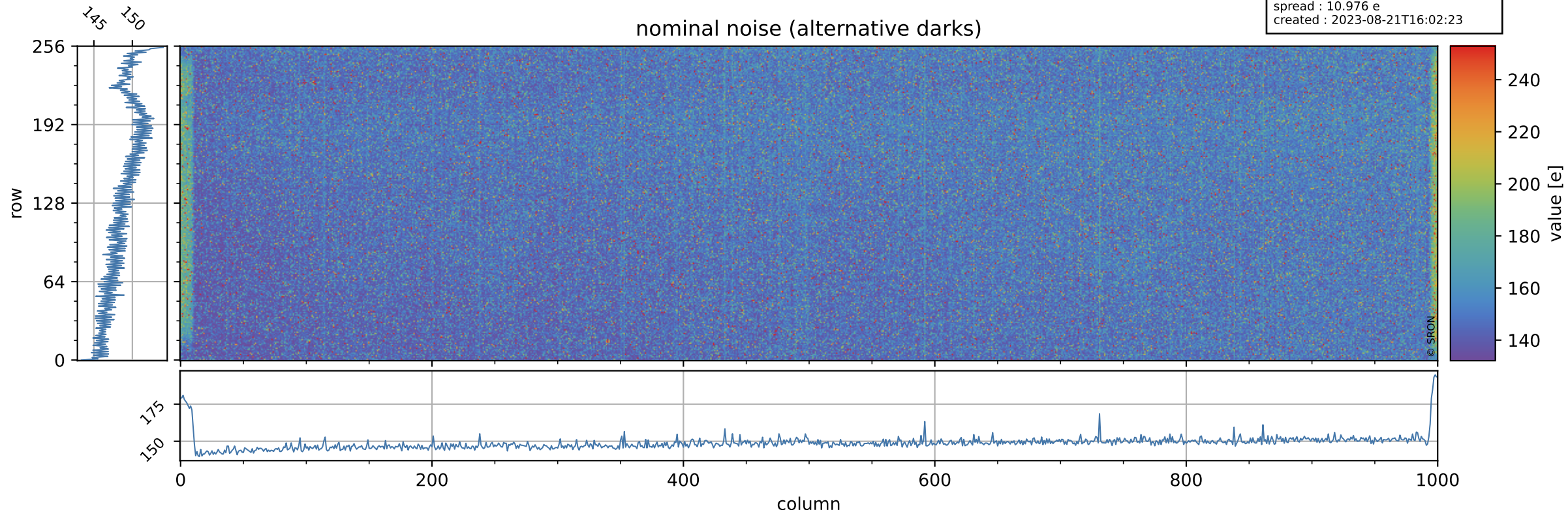


# Tropomi SWIR background noise (swir)

orbits : 12 in [18862, 18952]  
coverage : 2021-06-04 / 2021-06-10  
n\_coad, t\_exp : 1, 1.0783  
median : 148.67 e  
spread : 10.976 e  
created : 2023-08-21T16:02:23

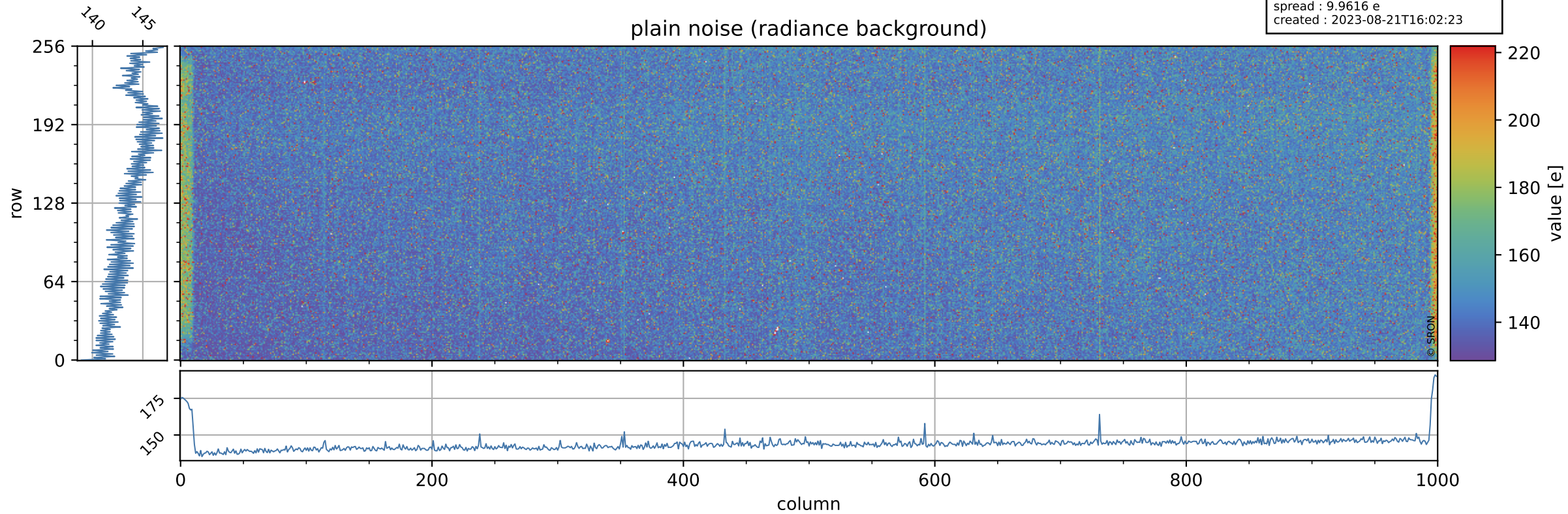
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18862, 18952]  
coverage : 2021-06-04 / 2021-06-10  
n\_coad, t\_exp : 1, 0.8383  
median : 143.52 e  
spread : 9.9616 e  
created : 2023-08-21T16:02:23

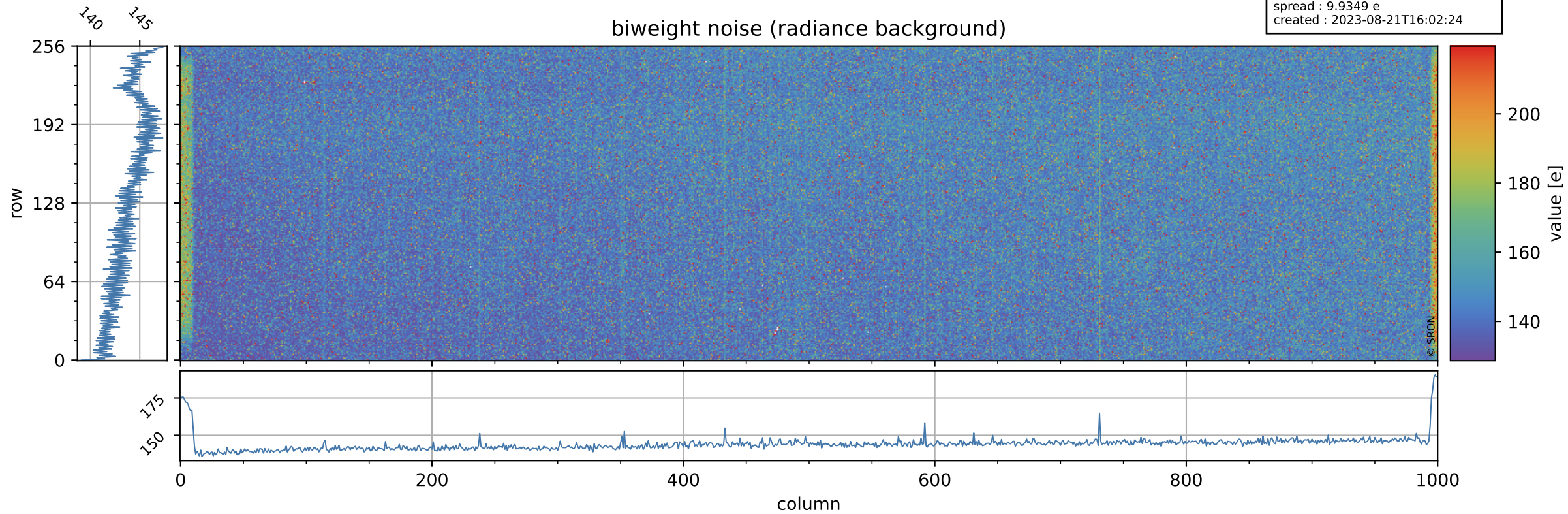
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18862, 18952]  
coverage : 2021-06-04 / 2021-06-10  
n\_coad, t\_exp : 1, 0.8383  
median : 143.79 e  
spread : 9.9349 e  
created : 2023-08-21T16:02:24

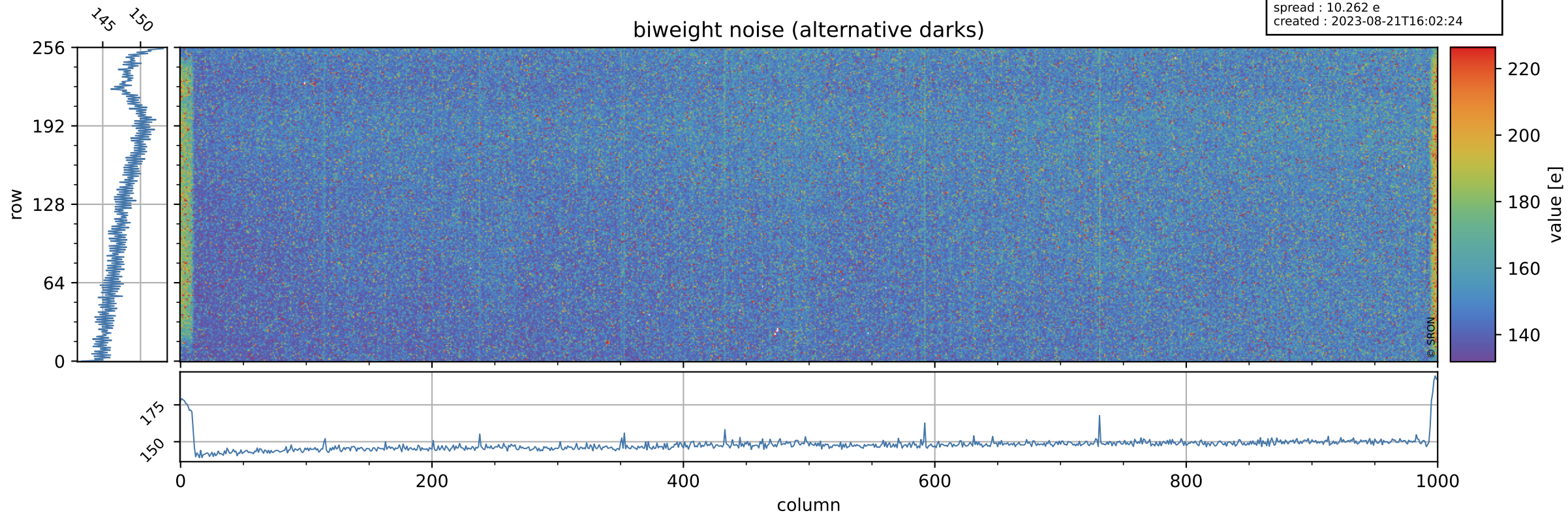
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18862, 18952]  
coverage : 2021-06-04 / 2021-06-10  
n\_coad, t\_exp : 1, 1.0783  
median : 147.7 e  
spread : 10.262 e  
created : 2023-08-21T16:02:24

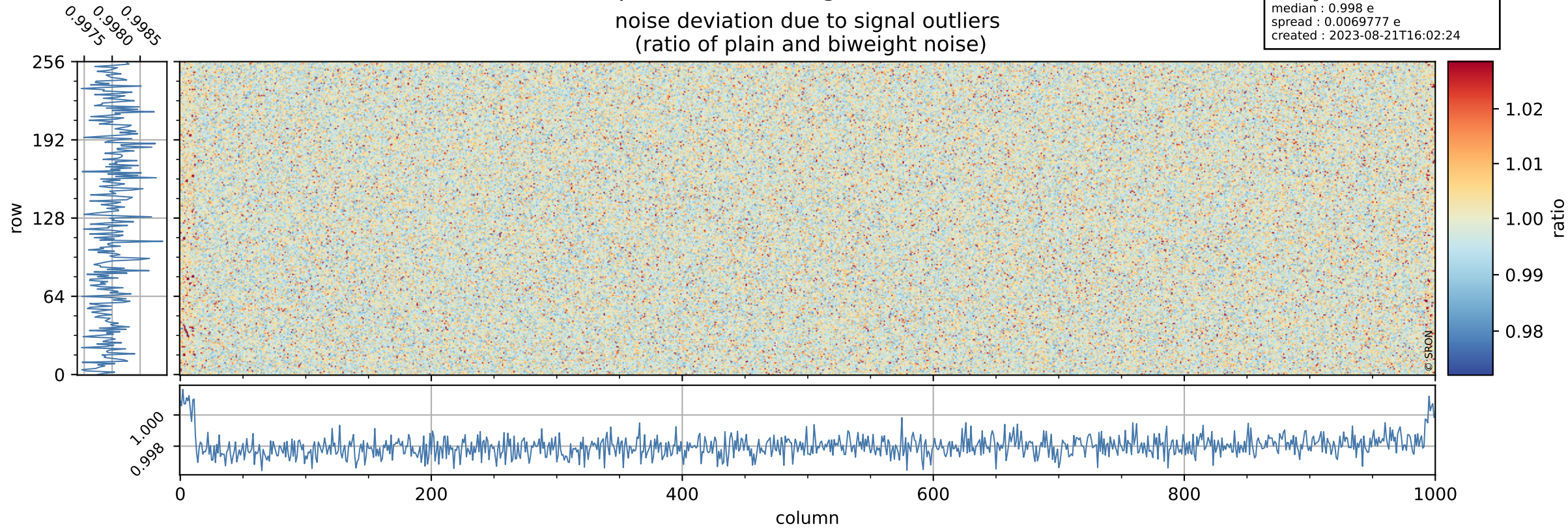
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

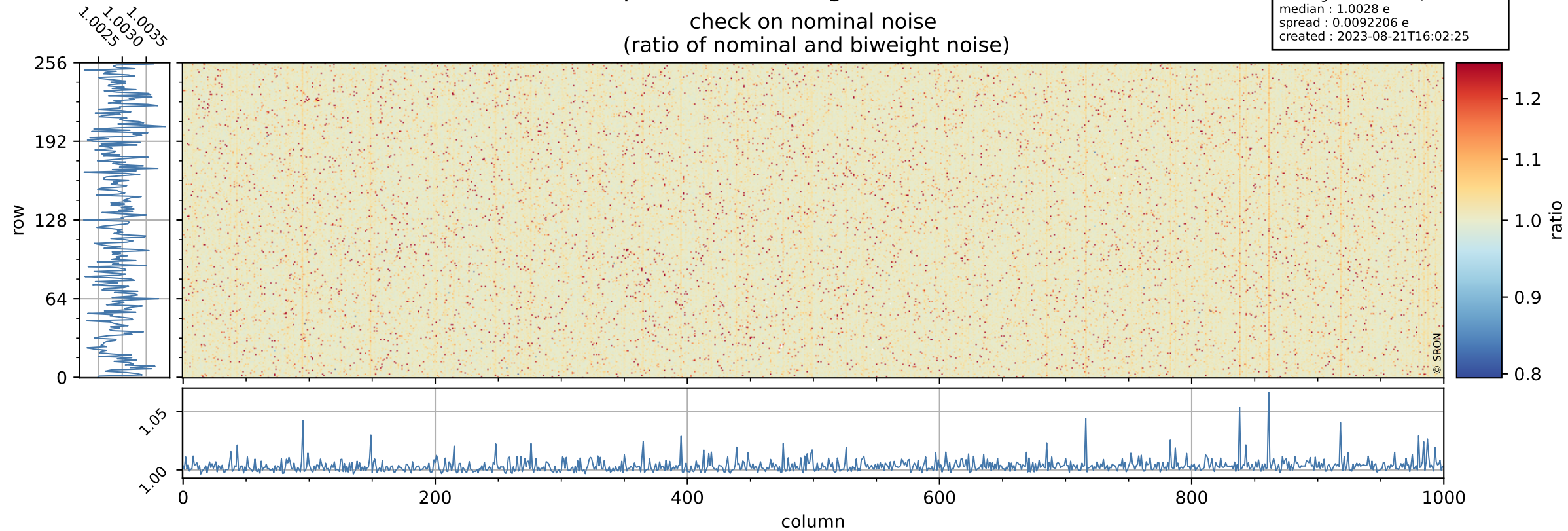
orbits : 12 in [18862, 18952]  
coverage : 2021-06-04 / 2021-06-10  
median : 0.998 e  
spread : 0.0069777 e  
created : 2023-08-21T16:02:24



# Tropomi SWIR background noise (swir)

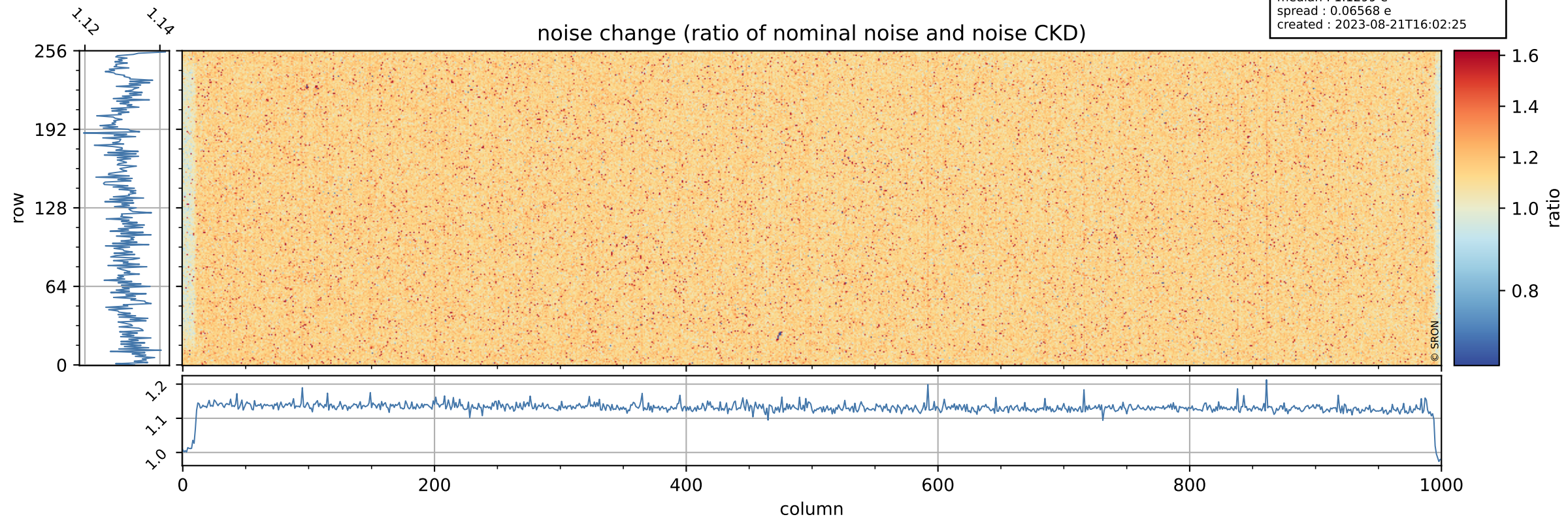
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [18862, 18952]  
coverage : 2021-06-04 / 2021-06-10  
median : 1.0028 e  
spread : 0.0092206 e  
created : 2023-08-21T16:02:25



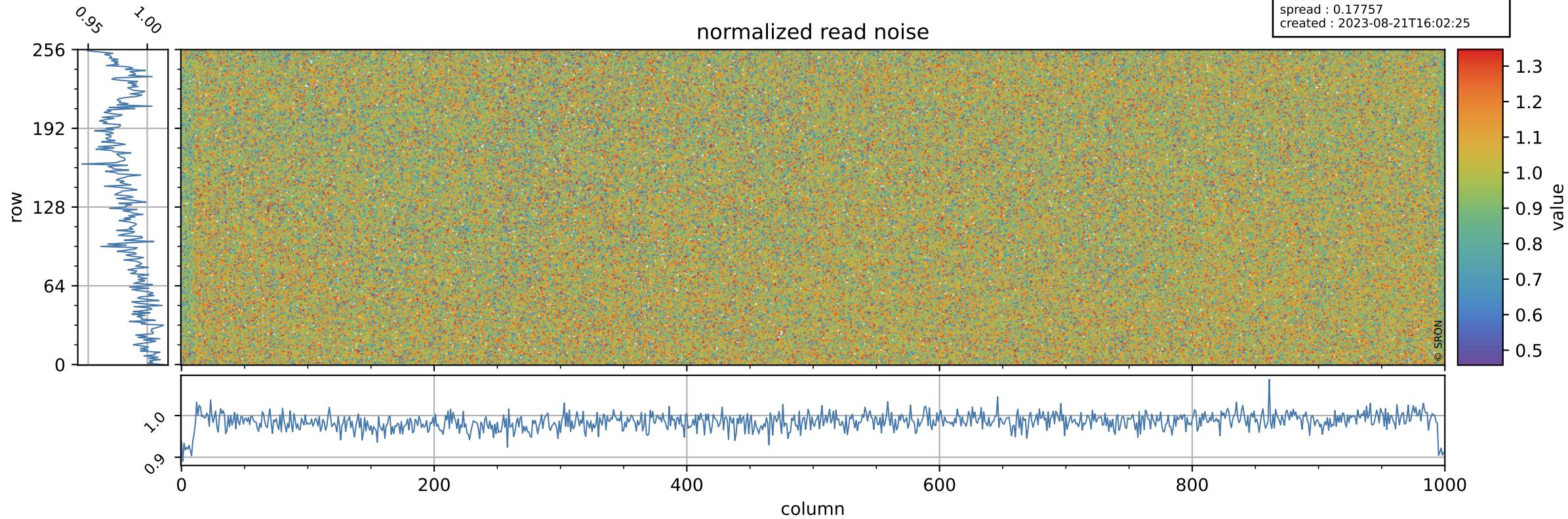
# Tropomi SWIR background noise (swir)

orbits : 12 in [18862, 18952]  
coverage : 2021-06-04 / 2021-06-10  
median : 1.1299 e  
spread : 0.06568 e  
created : 2023-08-21T16:02:25



# Tropomi SWIR background noise (swir)

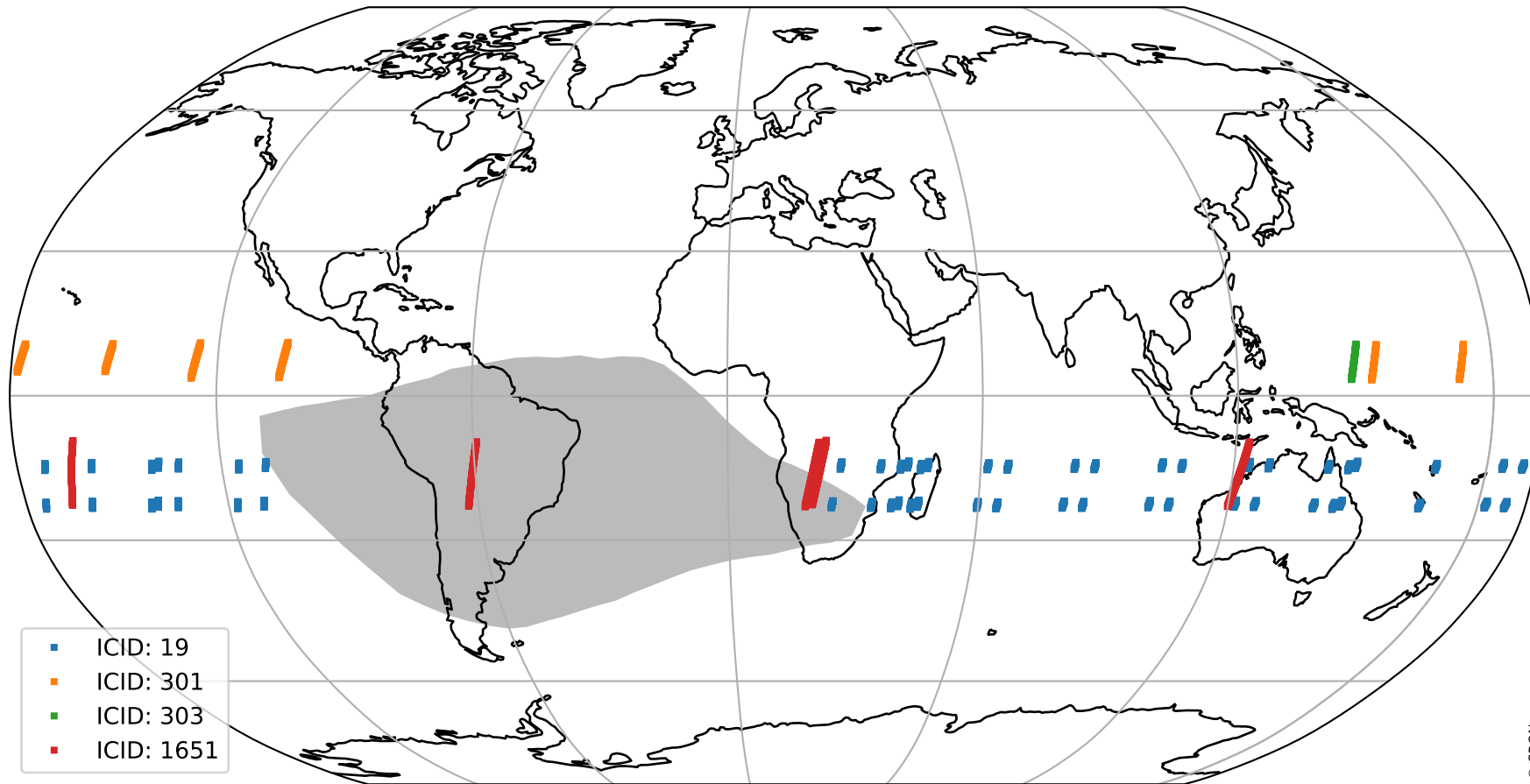
orbits : 12 in [18862, 18952]  
coverage : 2021-06-04 / 2021-06-10  
median : 0.98344  
spread : 0.17757  
created : 2023-08-21T16:02:25





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

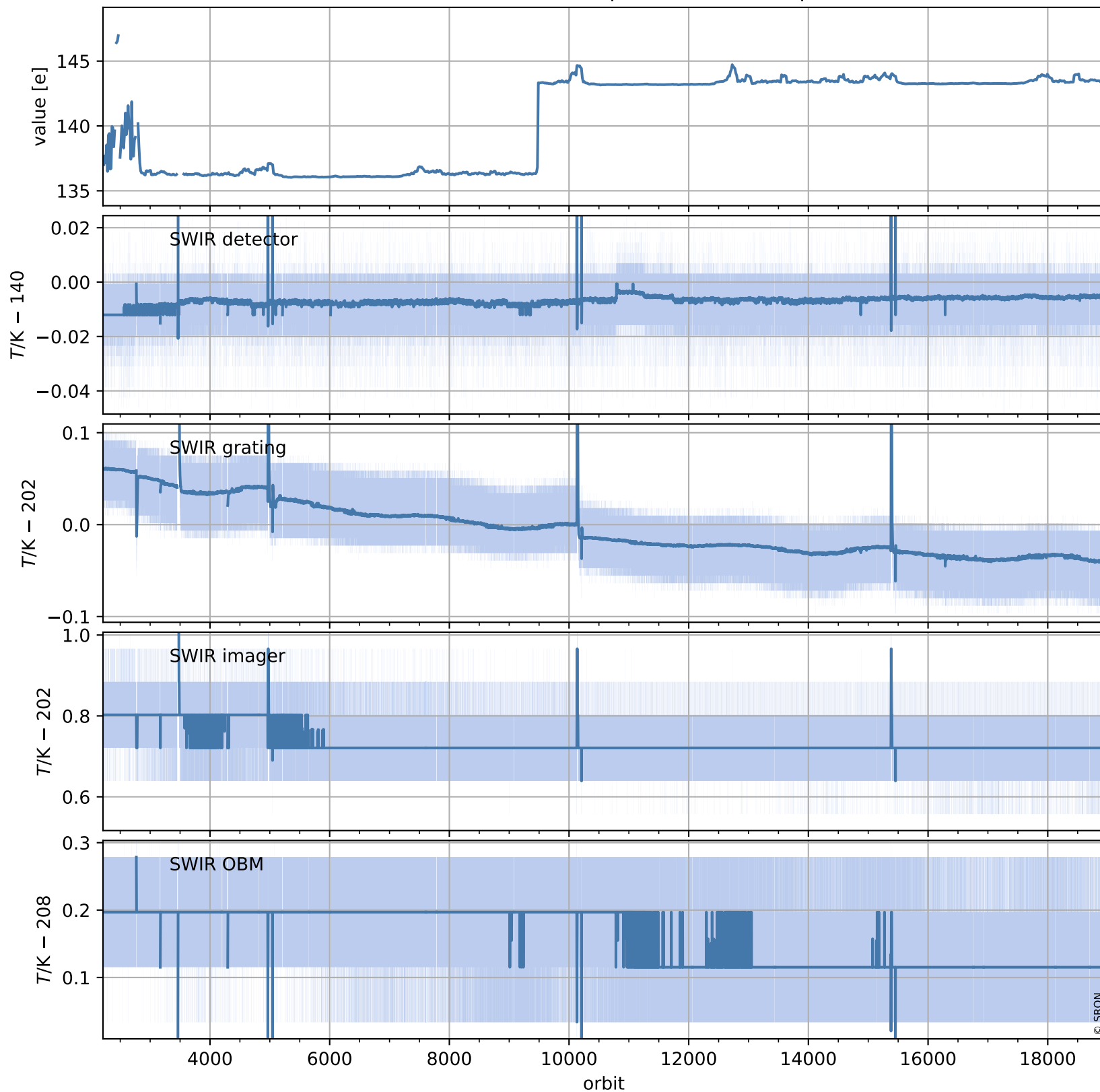
orbits : 12 in [18862, 18952]  
coverage : 2021-06-04 / 2021-06-10  
created : 2023-08-21T16:02:26



# Tropomi SWIR background noise (swir)

orbits : [2212, 18952]  
coverage : 2018-03-18 / 2021-06-10  
created : 2023-08-21T16:02:26

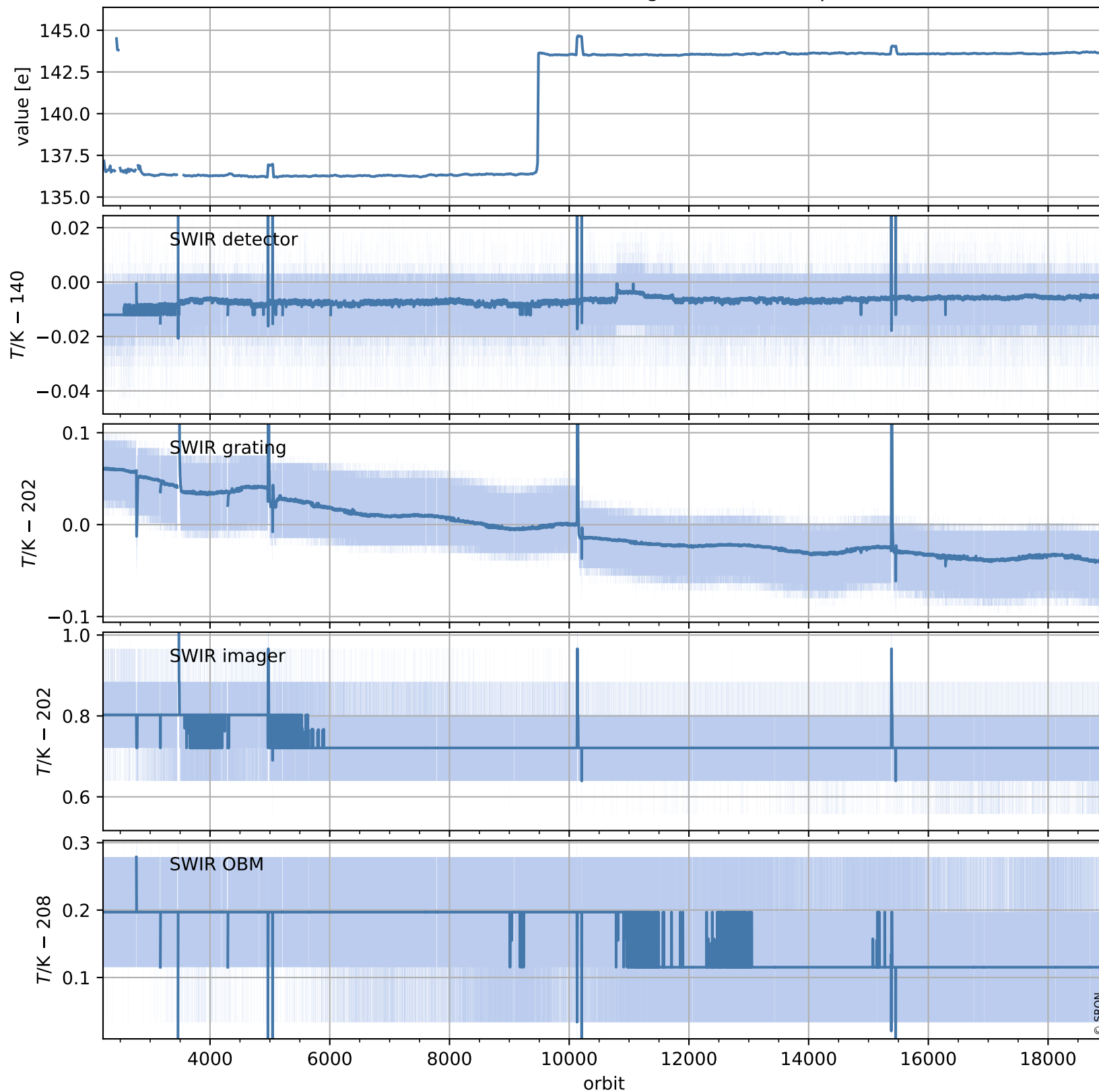
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18952]  
coverage : 2018-03-18 / 2021-06-10  
created : 2023-08-21T16:02:27

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18952]  
coverage : 2018-03-18 / 2021-06-10  
created : 2023-08-21T16:02:27

## trend of normalized read-noise & temperatures

