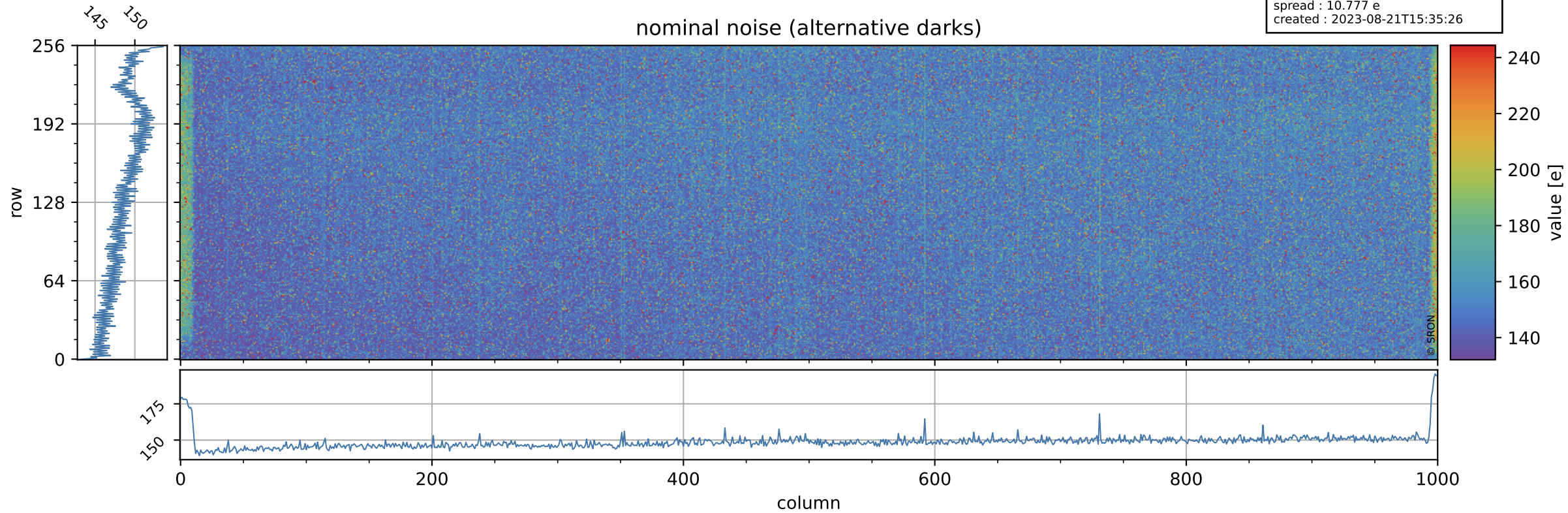


# Tropomi SWIR background noise (swir)

orbits : 12 in [14167, 14242]  
coverage : 2020-07-07 / 2020-07-12  
n\_coad, t\_exp : 1, 1.0783  
median : 148.51 e  
spread : 10.777 e  
created : 2023-08-21T15:35:26

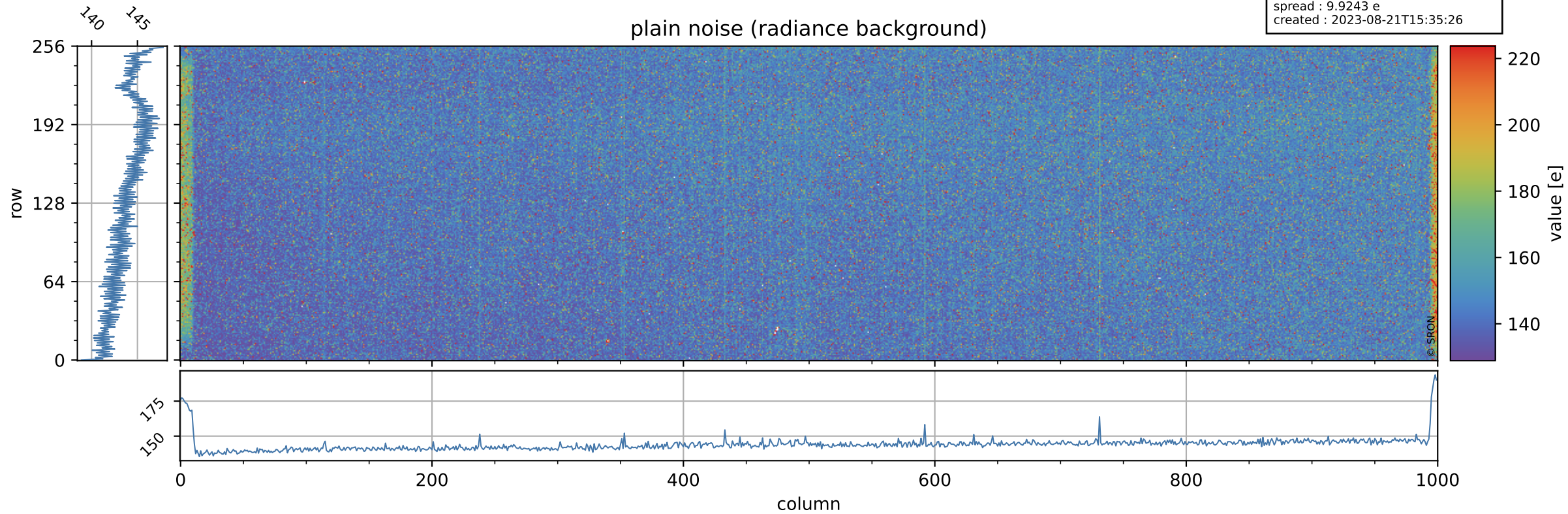
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14167, 14242]  
coverage : 2020-07-07 / 2020-07-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.74 e  
spread : 9.9243 e  
created : 2023-08-21T15:35:26

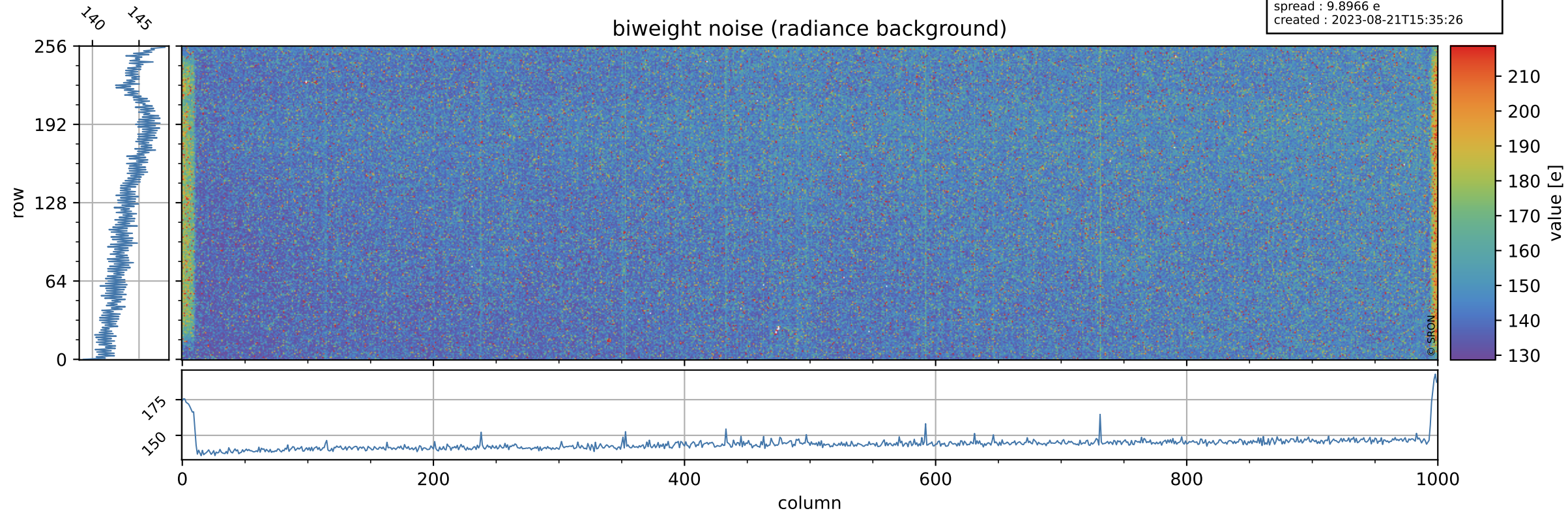
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

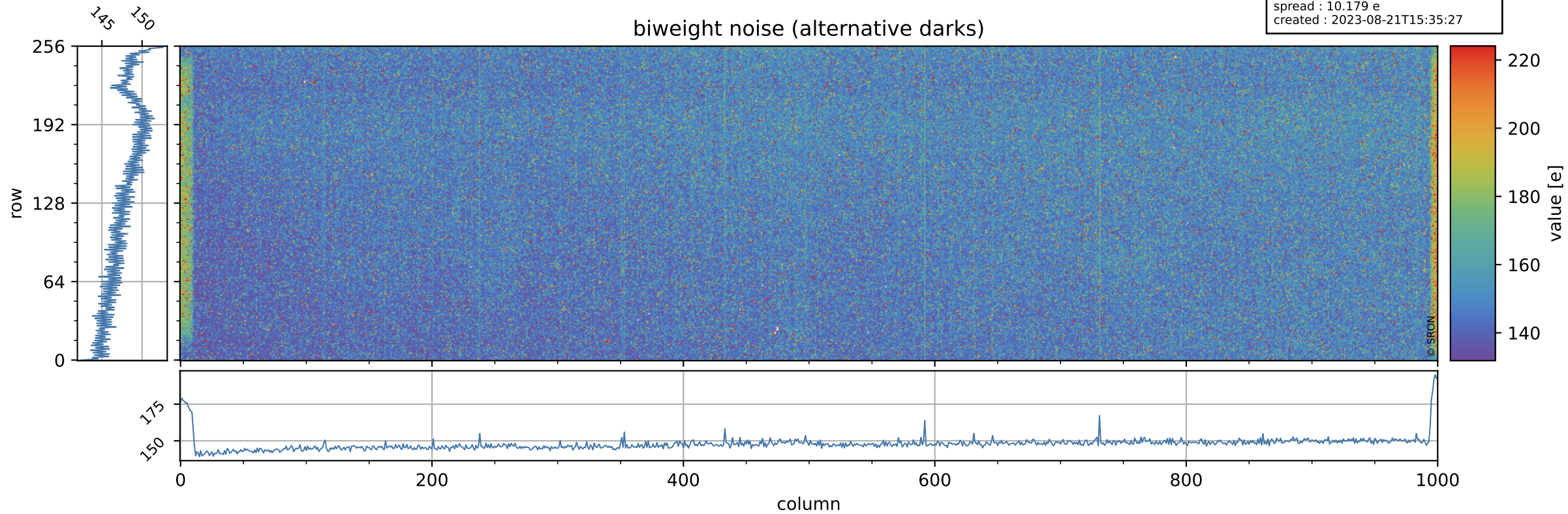
orbits : 12 in [14167, 14242]  
coverage : 2020-07-07 / 2020-07-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.77 e  
spread : 9.8966 e  
created : 2023-08-21T15:35:26

## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

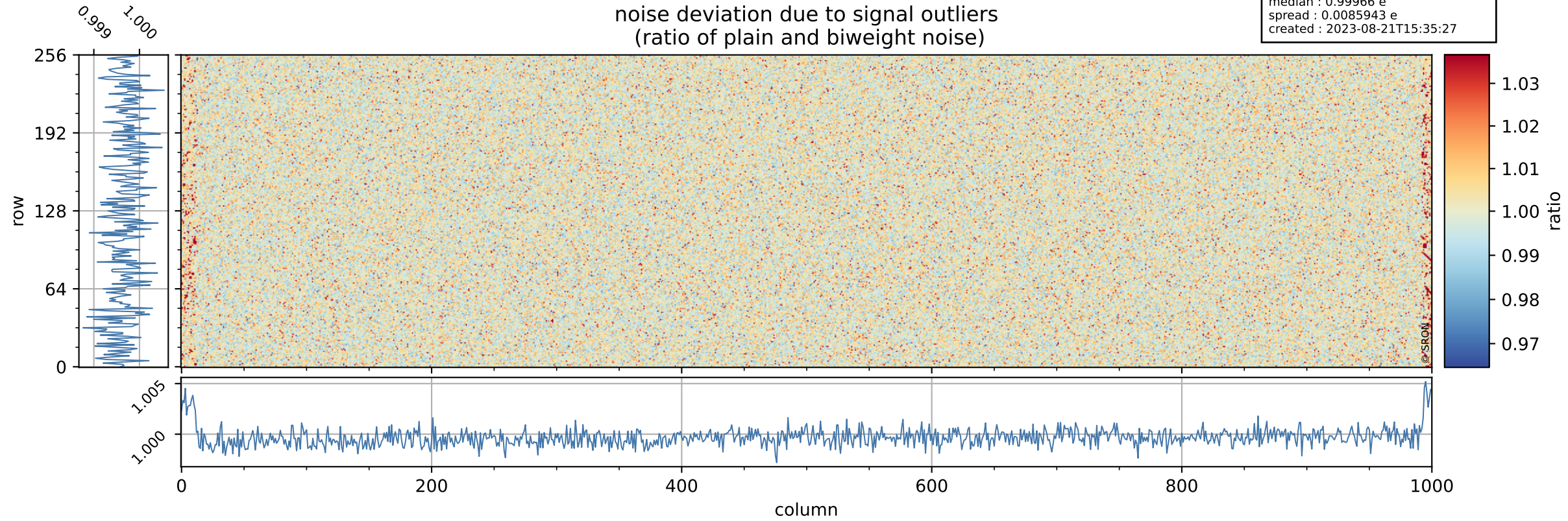
orbits : 12 in [14167, 14242]  
coverage : 2020-07-07 / 2020-07-12  
n\_coad, t\_exp : 1, 1.0783  
median : 147.64 e  
spread : 10.179 e  
created : 2023-08-21T15:35:27



# Tropomi SWIR background noise (swir)

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

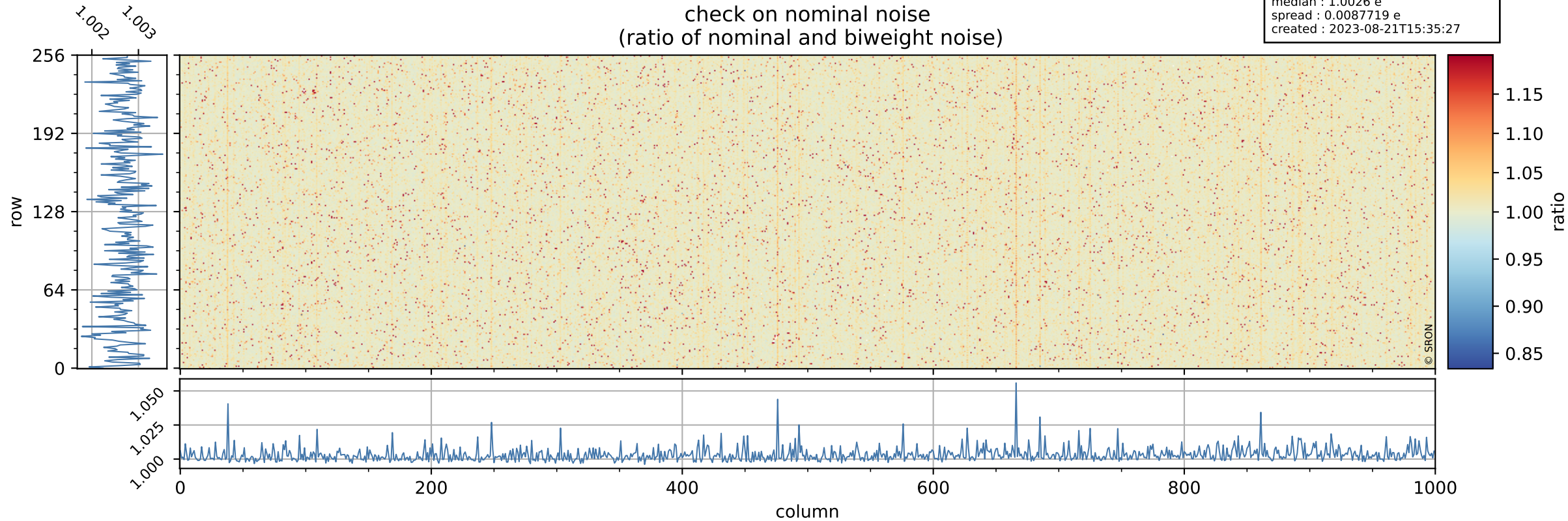
orbits : 12 in [14167, 14242]  
coverage : 2020-07-07 / 2020-07-12  
median : 0.99966 e  
spread : 0.0085943 e  
created : 2023-08-21T15:35:27



# Tropomi SWIR background noise (swir)

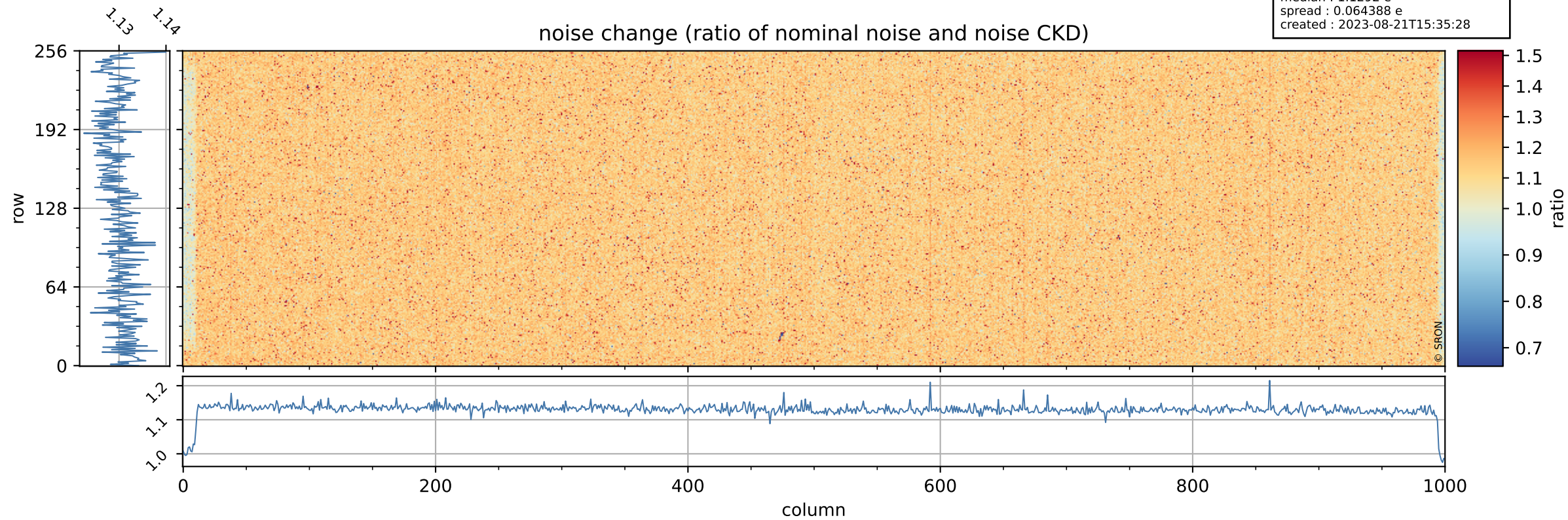
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [14167, 14242]  
coverage : 2020-07-07 / 2020-07-12  
median : 1.0026 e  
spread : 0.0087719 e  
created : 2023-08-21T15:35:27



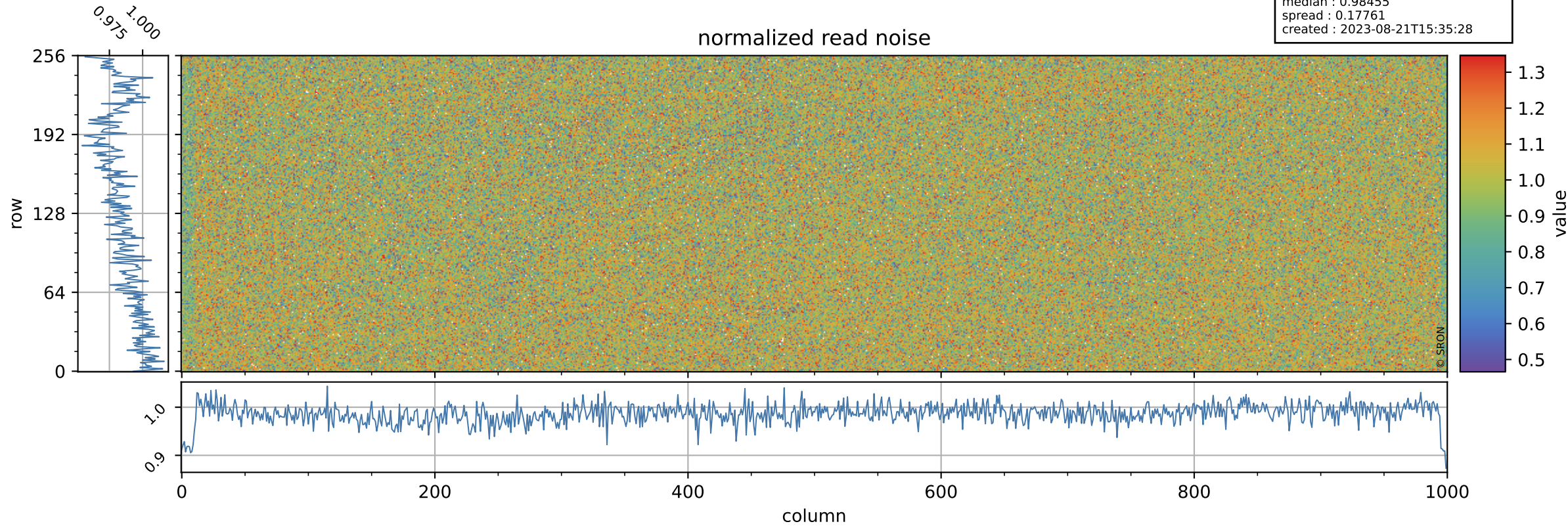
# Tropomi SWIR background noise (swir)

orbits : 12 in [14167, 14242]  
coverage : 2020-07-07 / 2020-07-12  
median : 1.1292 e  
spread : 0.064388 e  
created : 2023-08-21T15:35:28



# Tropomi SWIR background noise (swir)

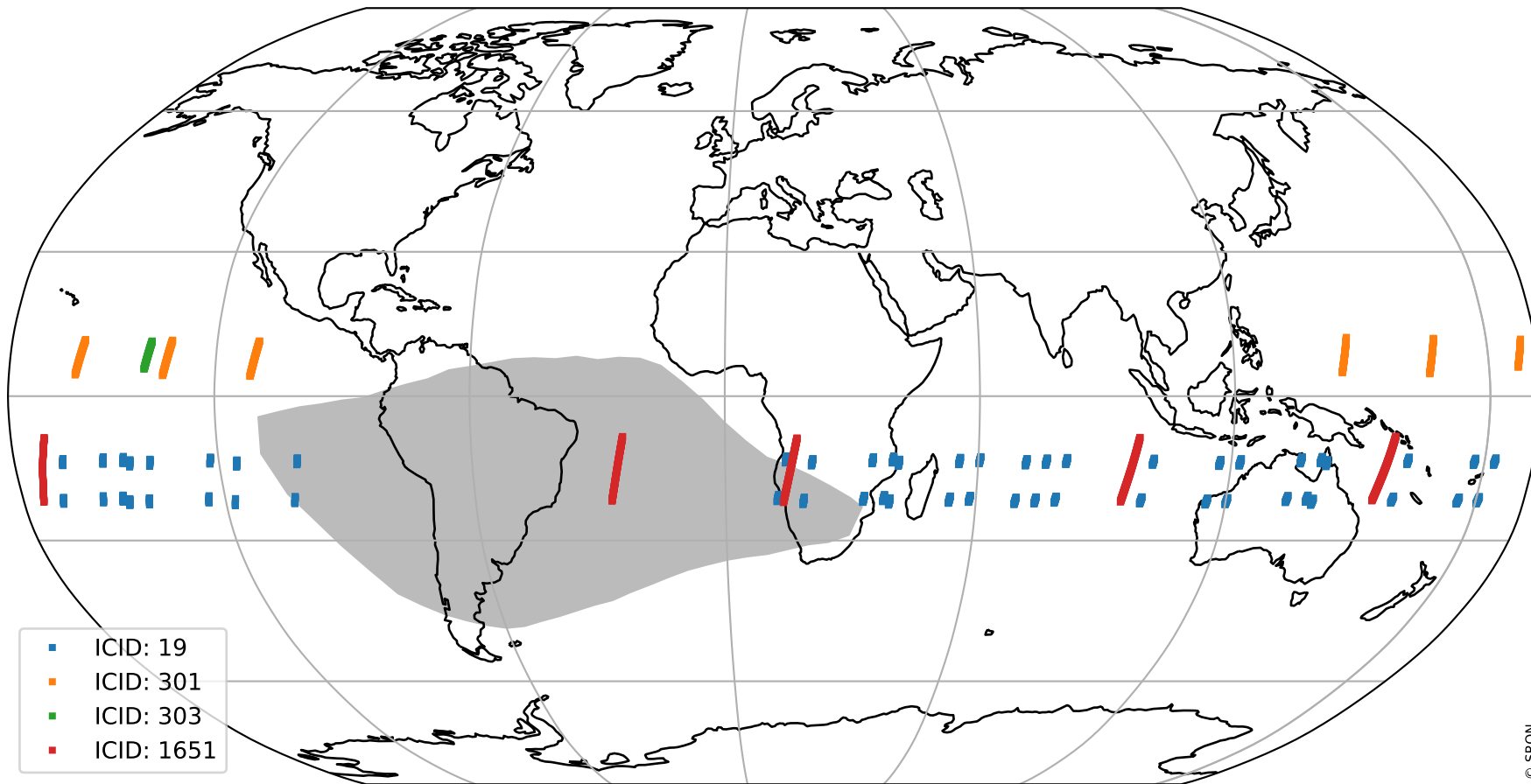
orbits : 12 in [14167, 14242]  
coverage : 2020-07-07 / 2020-07-12  
median : 0.98455  
spread : 0.17761  
created : 2023-08-21T15:35:28





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

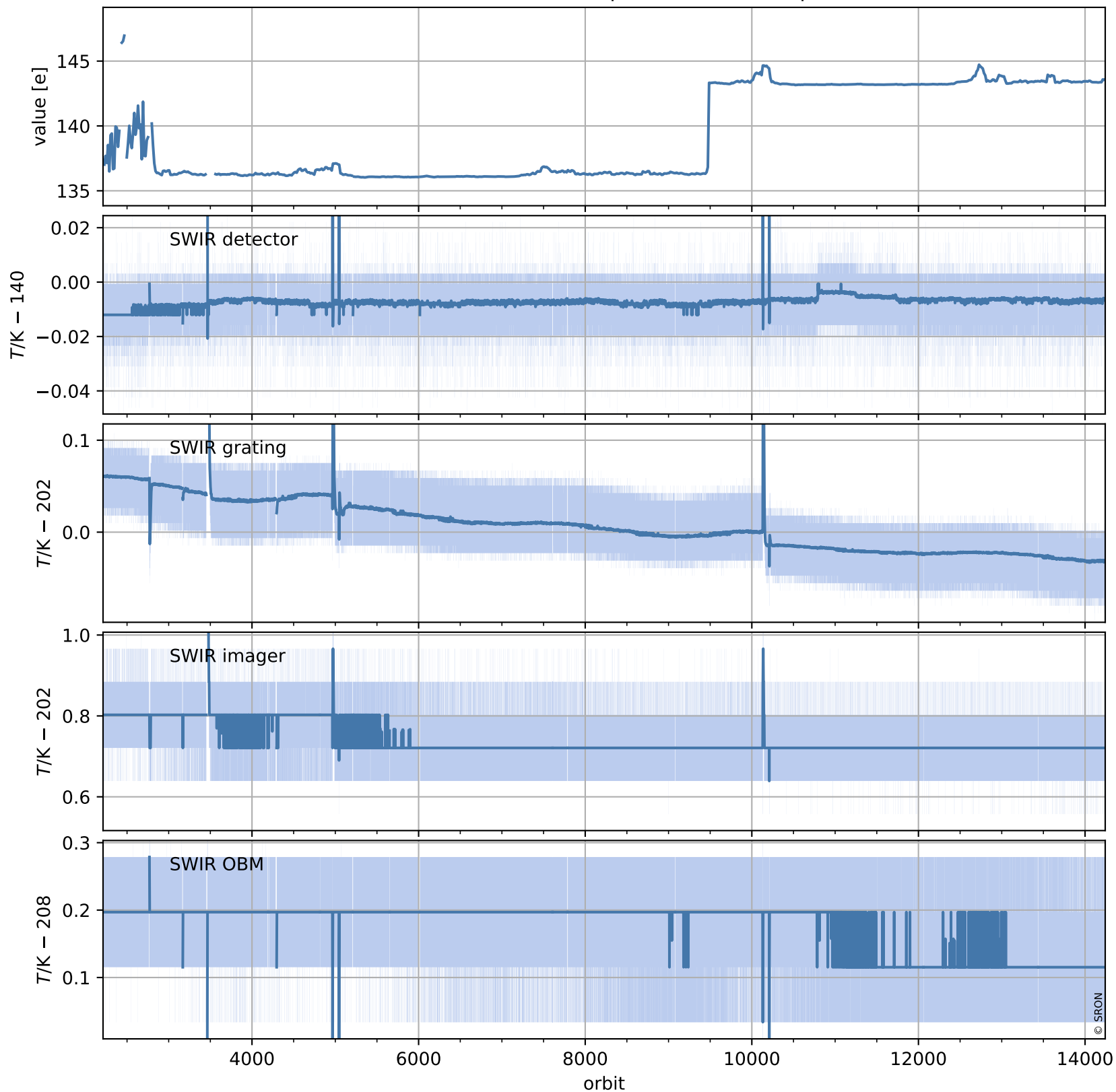
orbits : 12 in [14167, 14242]  
coverage : 2020-07-07 / 2020-07-12  
created : 2023-08-21T15:35:28



# Tropomi SWIR background noise (swir)

orbits : [2212, 14242]  
coverage : 2018-03-18 / 2020-07-12  
created : 2023-08-21T15:35:29

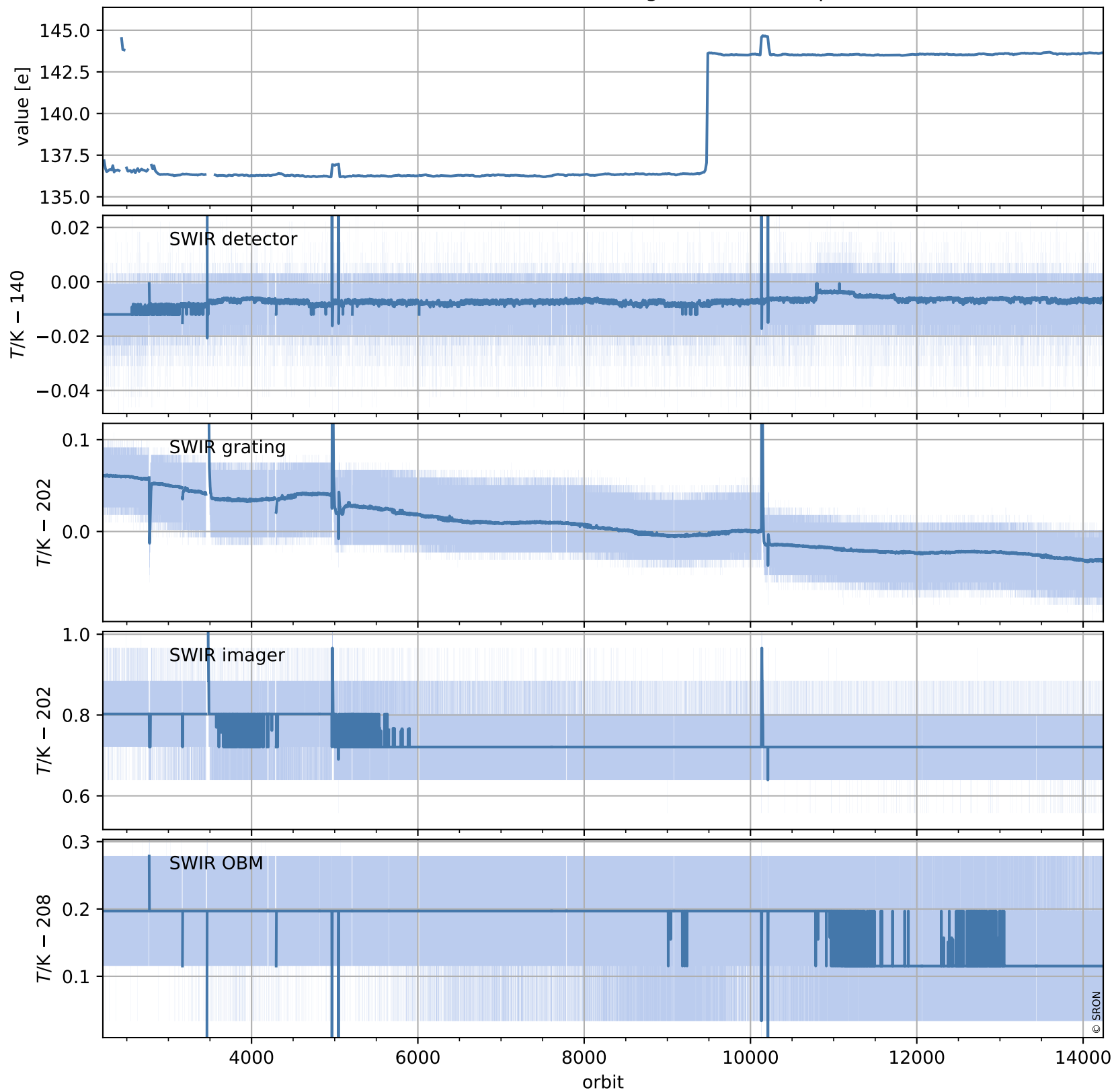
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14242]  
coverage : 2018-03-18 / 2020-07-12  
created : 2023-08-21T15:35:29

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14242]  
coverage : 2018-03-18 / 2020-07-12  
created : 2023-08-21T15:35:30

## trend of normalized read-noise & temperatures

