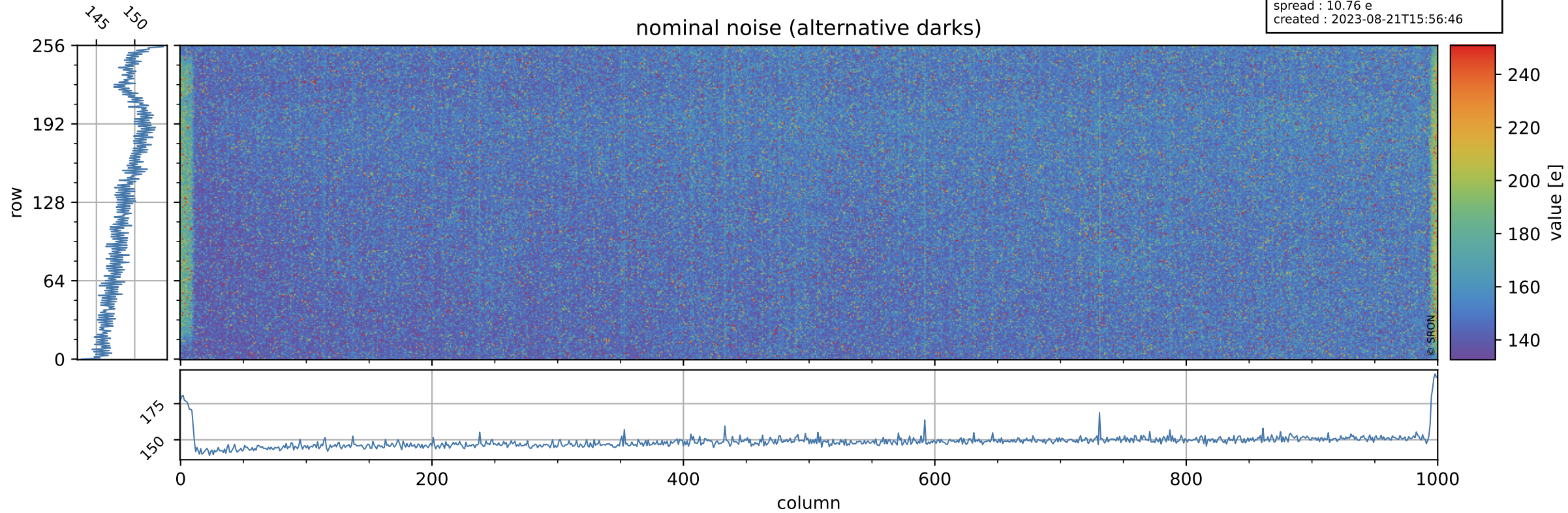


# Tropomi SWIR background noise (swir)

orbits : 13 in [17932, 18007]  
coverage : 2021-03-29 / 2021-04-04  
n\_coad, t\_exp : 1, 1.0783  
median : 148.6 e  
spread : 10.76 e  
created : 2023-08-21T15:56:46

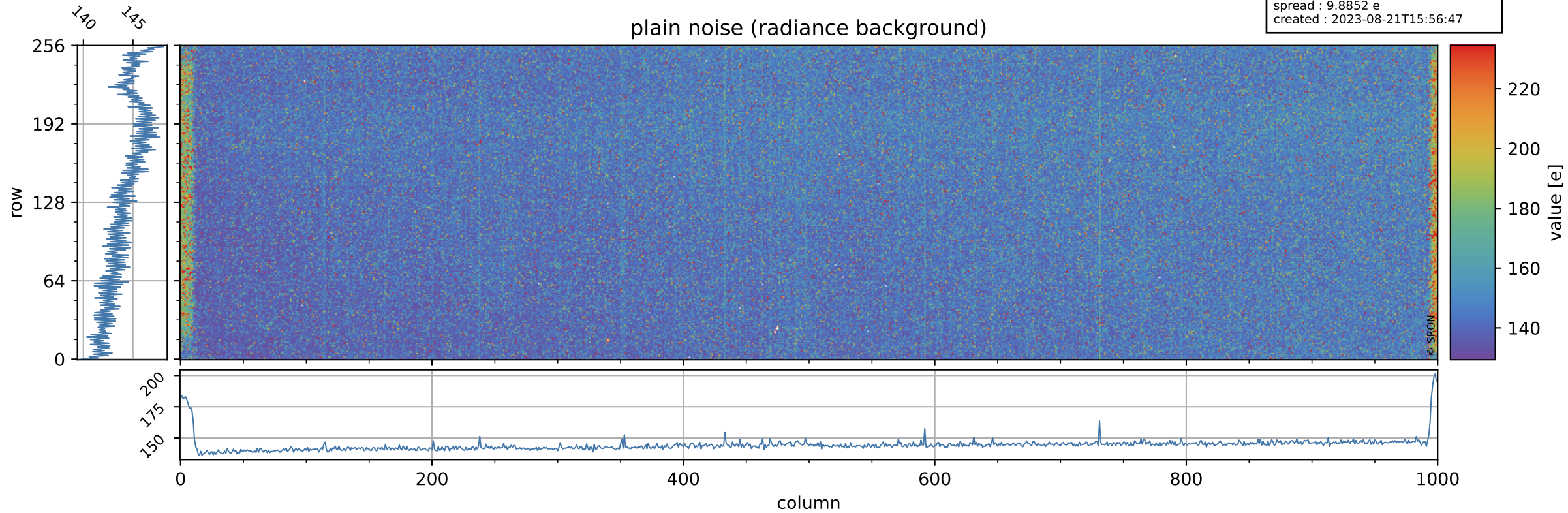
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [17932, 18007]  
coverage : 2021-03-29 / 2021-04-04  
n\_coad, t\_exp : 1, 0.8383  
median : 144.05 e  
spread : 9.8852 e  
created : 2023-08-21T15:56:47

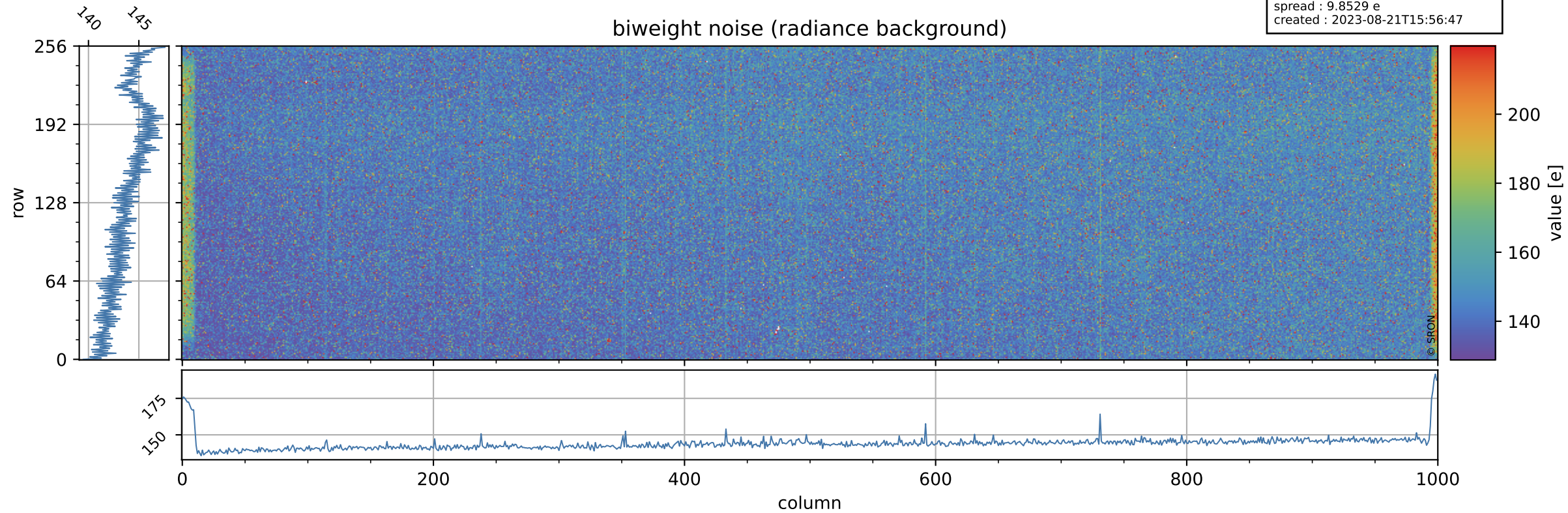
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [17932, 18007]  
coverage : 2021-03-29 / 2021-04-04  
n\_coad, t\_exp : 1, 0.8383  
median : 143.75 e  
spread : 9.8529 e  
created : 2023-08-21T15:56:47

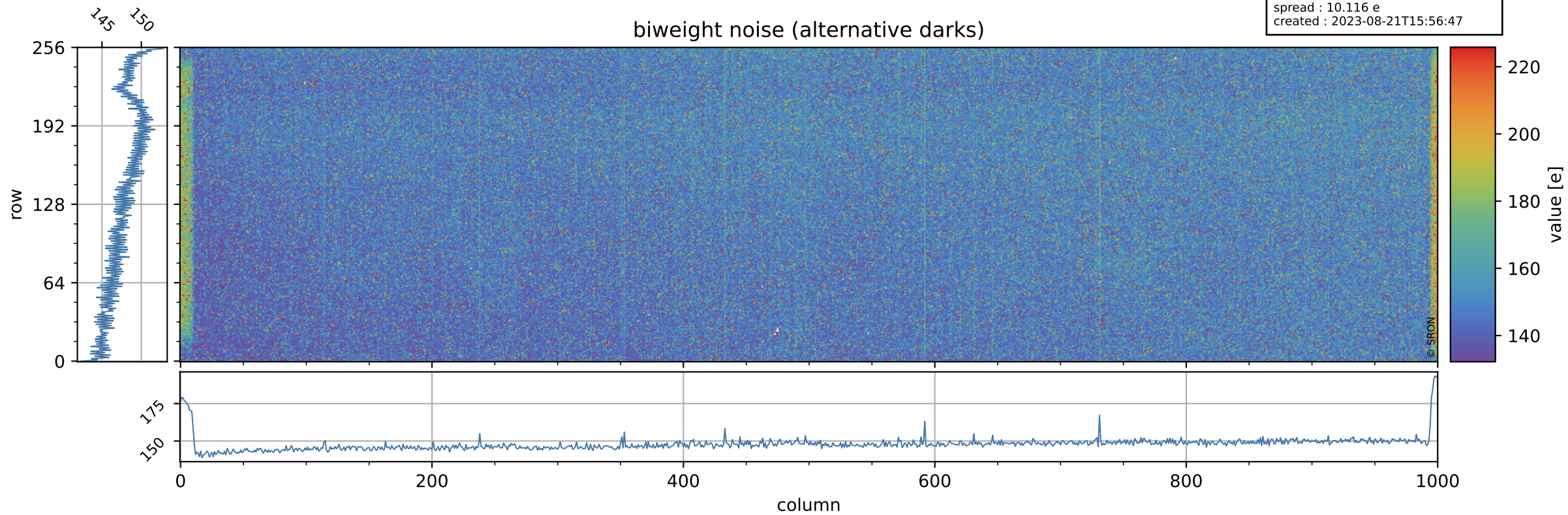
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [17932, 18007]  
coverage : 2021-03-29 / 2021-04-04  
n\_coad, t\_exp : 1, 1.0783  
median : 147.7 e  
spread : 10.116 e  
created : 2023-08-21T15:56:47

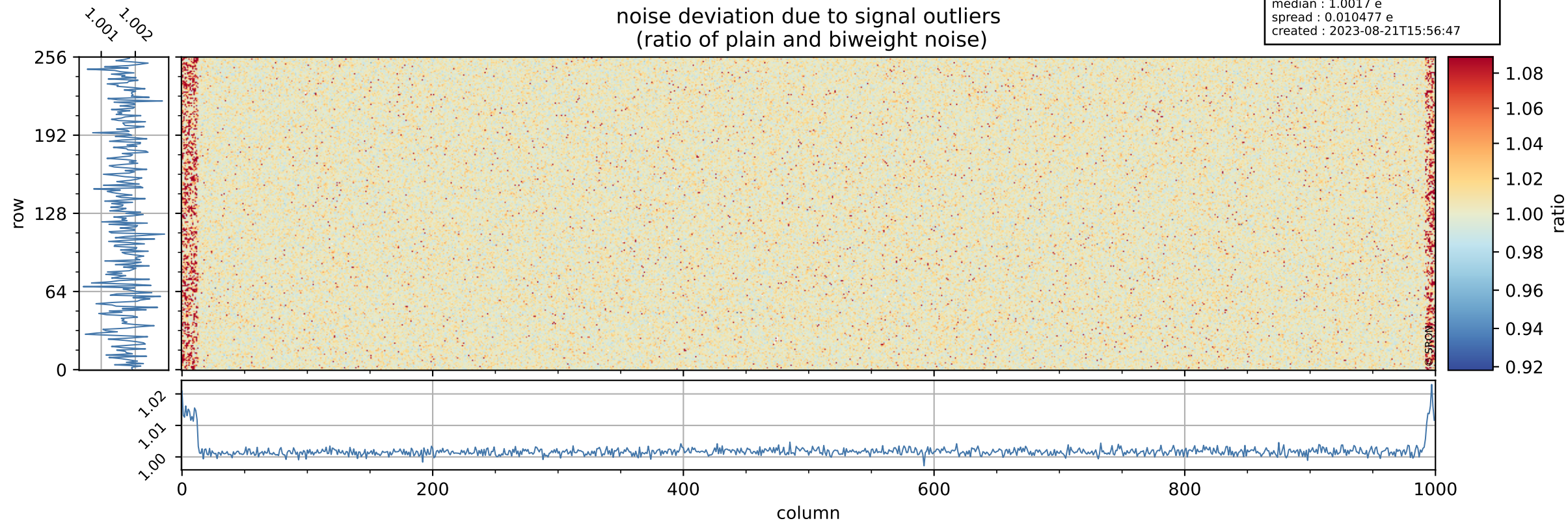
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

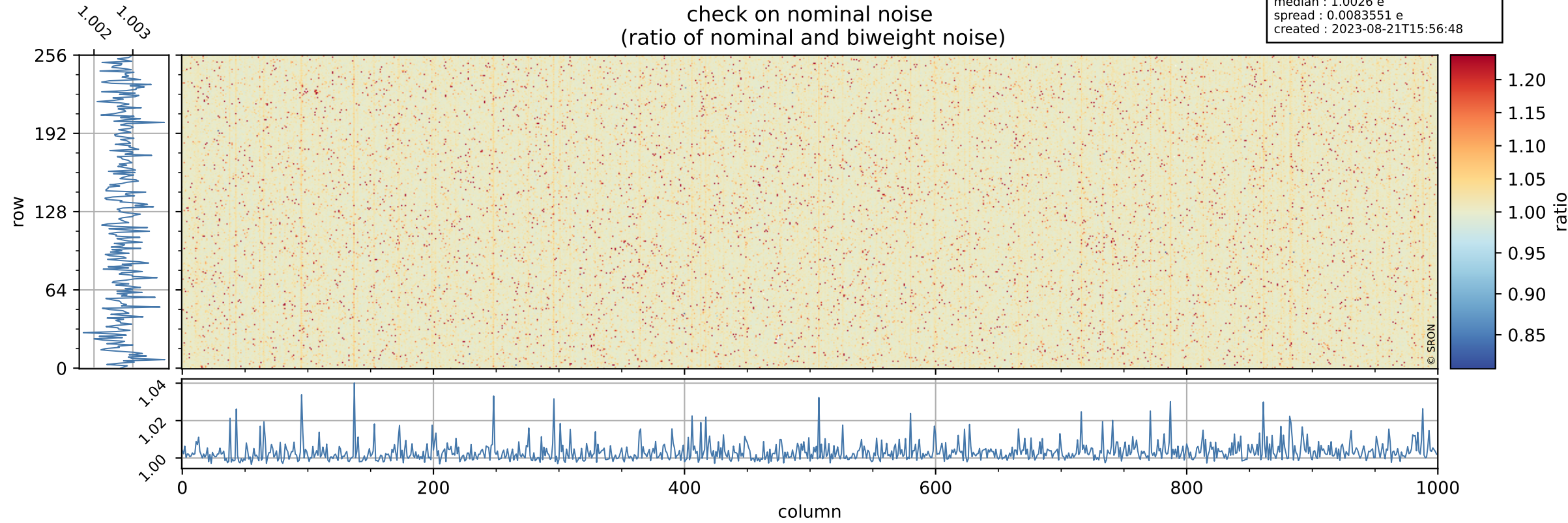
orbits : 13 in [17932, 18007]  
coverage : 2021-03-29 / 2021-04-04  
median : 1.0017 e  
spread : 0.010477 e  
created : 2023-08-21T15:56:47



# Tropomi SWIR background noise (swir)

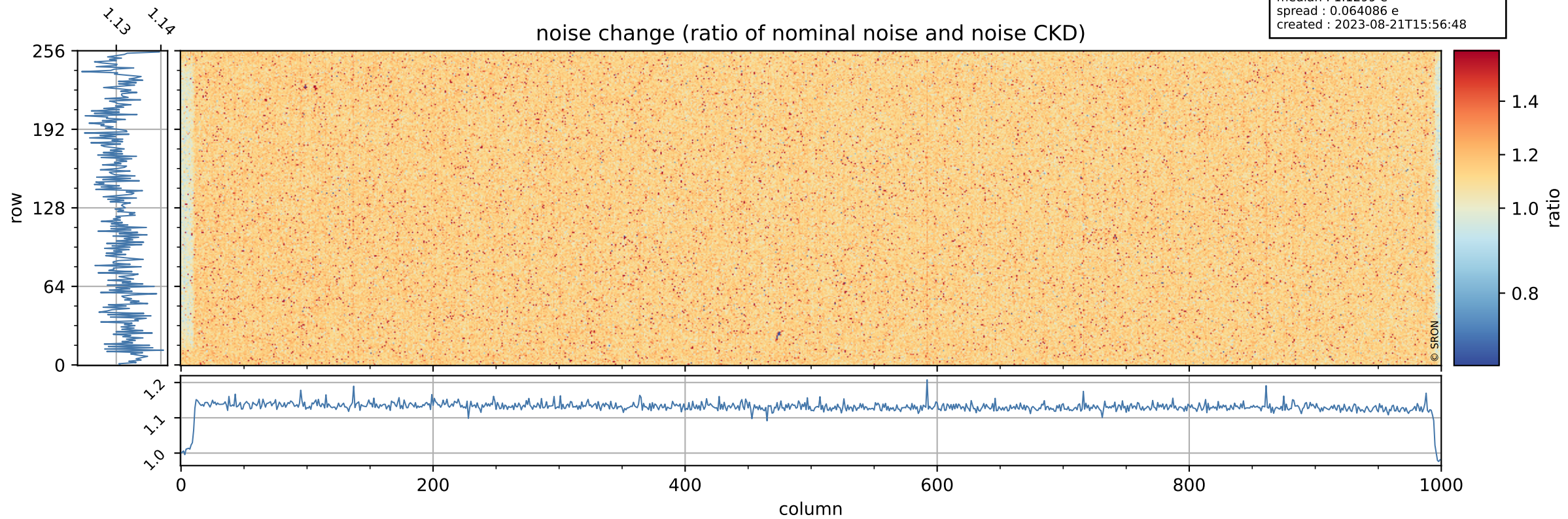
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [17932, 18007]  
coverage : 2021-03-29 / 2021-04-04  
median : 1.0026 e  
spread : 0.0083551 e  
created : 2023-08-21T15:56:48



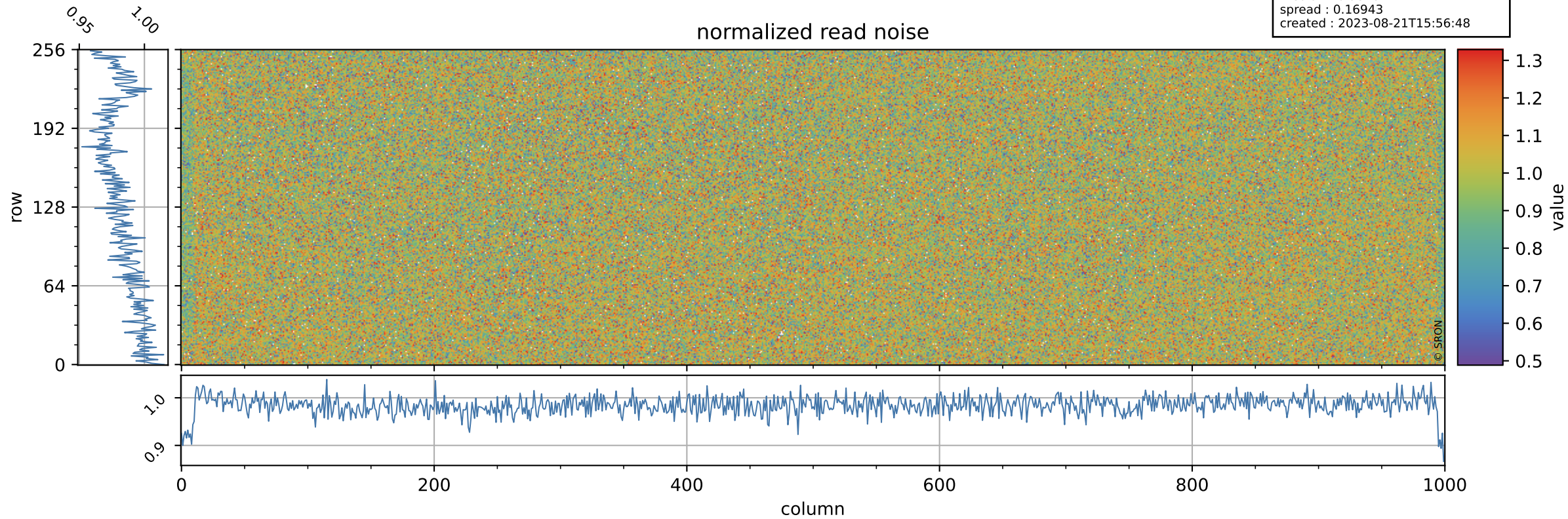
# Tropomi SWIR background noise (swir)

orbits : 13 in [17932, 18007]  
coverage : 2021-03-29 / 2021-04-04  
median : 1.1299 e  
spread : 0.064086 e  
created : 2023-08-21T15:56:48



# Tropomi SWIR background noise (swir)

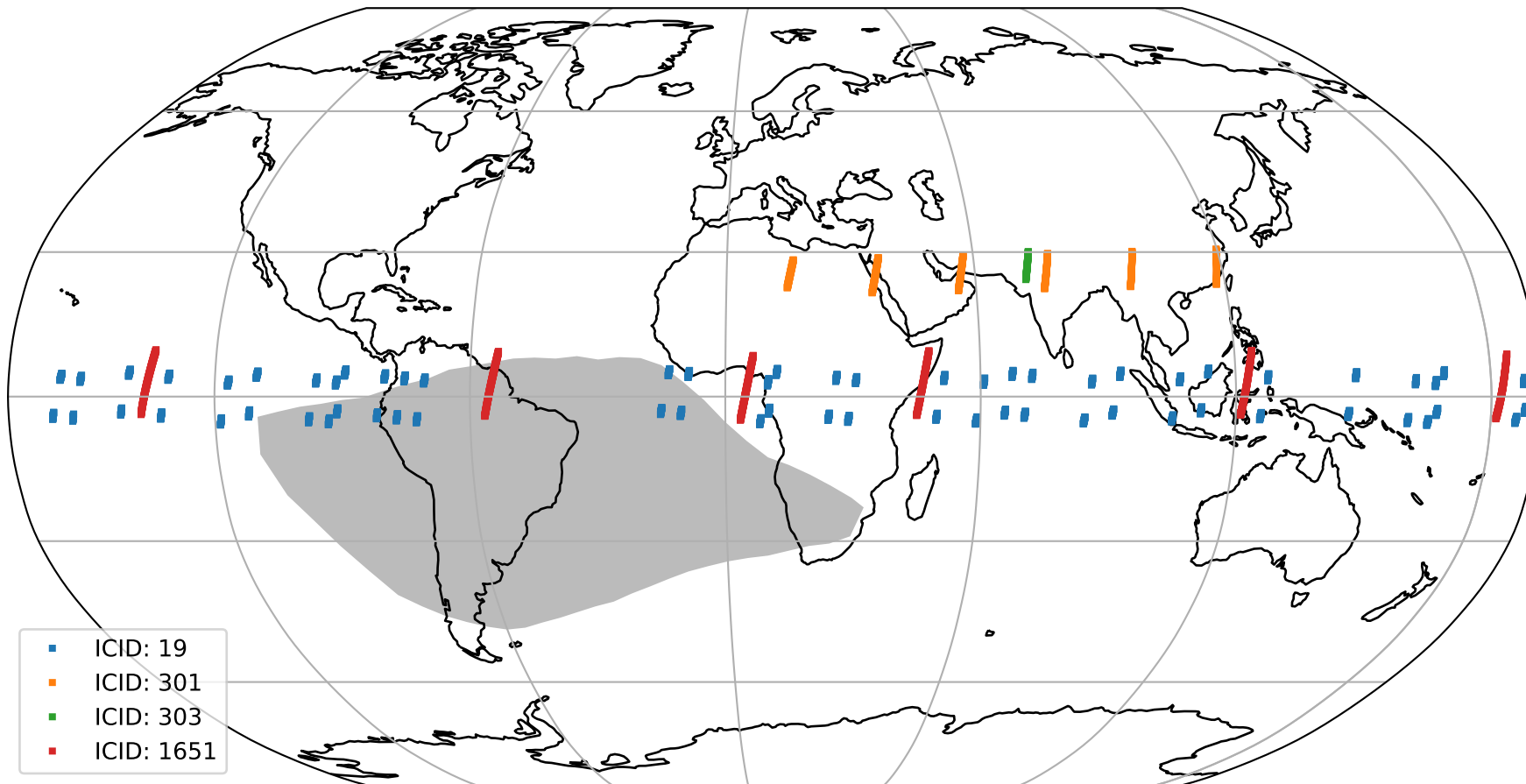
orbits : 13 in [17932, 18007]  
coverage : 2021-03-29 / 2021-04-04  
median : 0.98261  
spread : 0.16943  
created : 2023-08-21T15:56:48





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

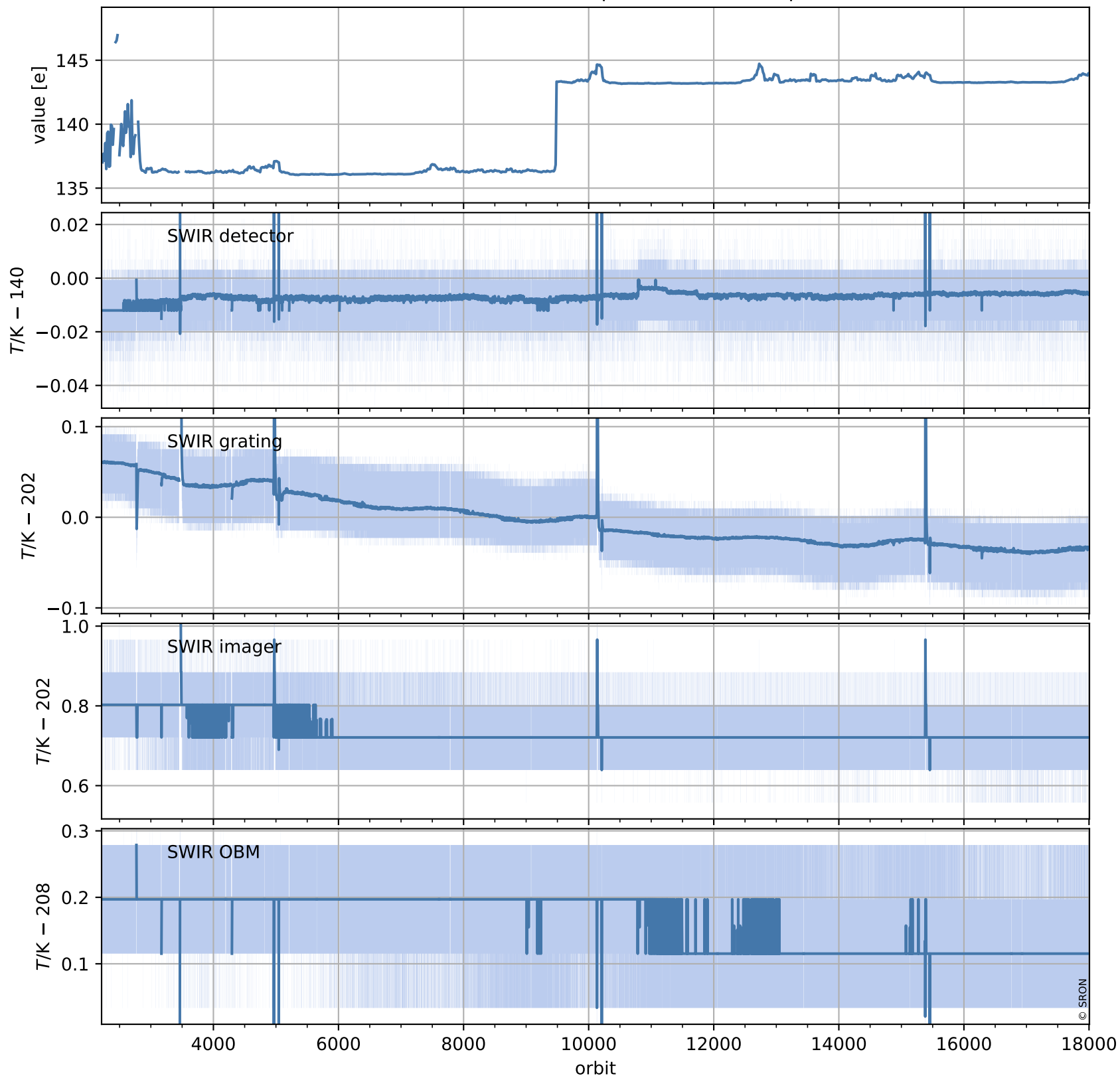
orbits : 13 in [17932, 18007]  
coverage : 2021-03-29 / 2021-04-04  
created : 2023-08-21T15:56:49



# Tropomi SWIR background noise (swir)

orbits : [2212, 18007]  
coverage : 2018-03-18 / 2021-04-04  
created : 2023-08-21T15:56:49

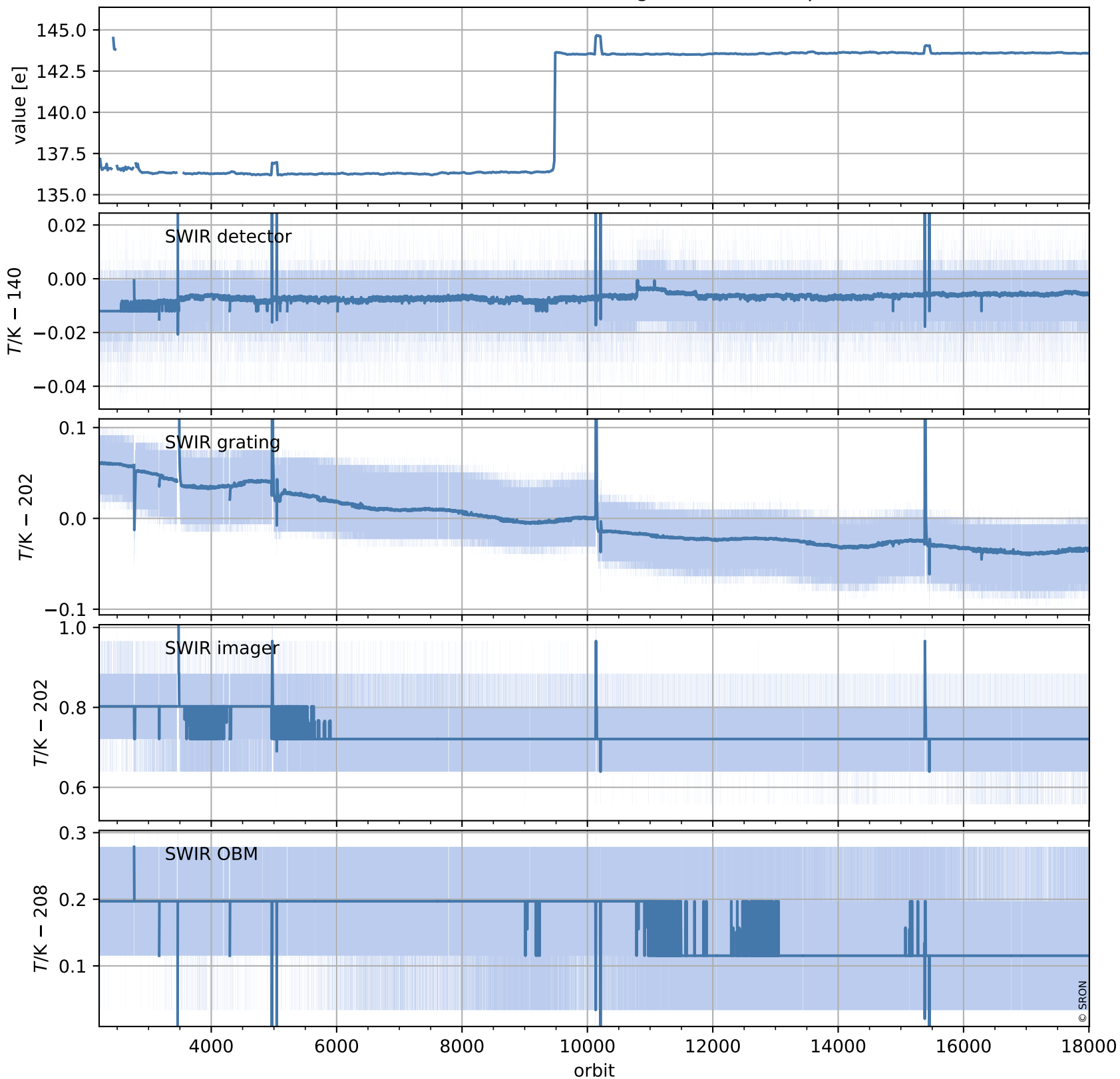
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18007]  
coverage : 2018-03-18 / 2021-04-04  
created : 2023-08-21T15:56:50

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18007]  
coverage : 2018-03-18 / 2021-04-04  
created : 2023-08-21T15:56:51

## trend of normalized read-noise & temperatures

