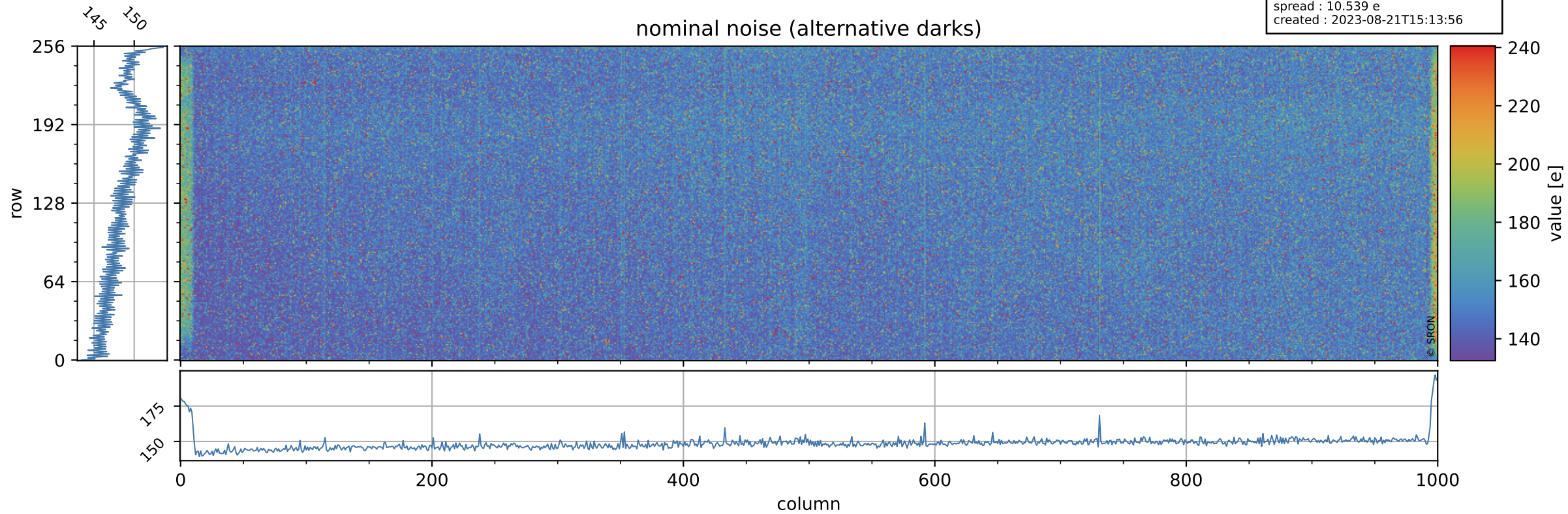


# Tropomi SWIR background noise (swir)

orbits : 12 in [10582, 10672]  
coverage : 2019-10-29 / 2019-11-04  
n\_coad, t\_exp : 1, 1.0783  
median : 148.45 e  
spread : 10.539 e  
created : 2023-08-21T15:13:56

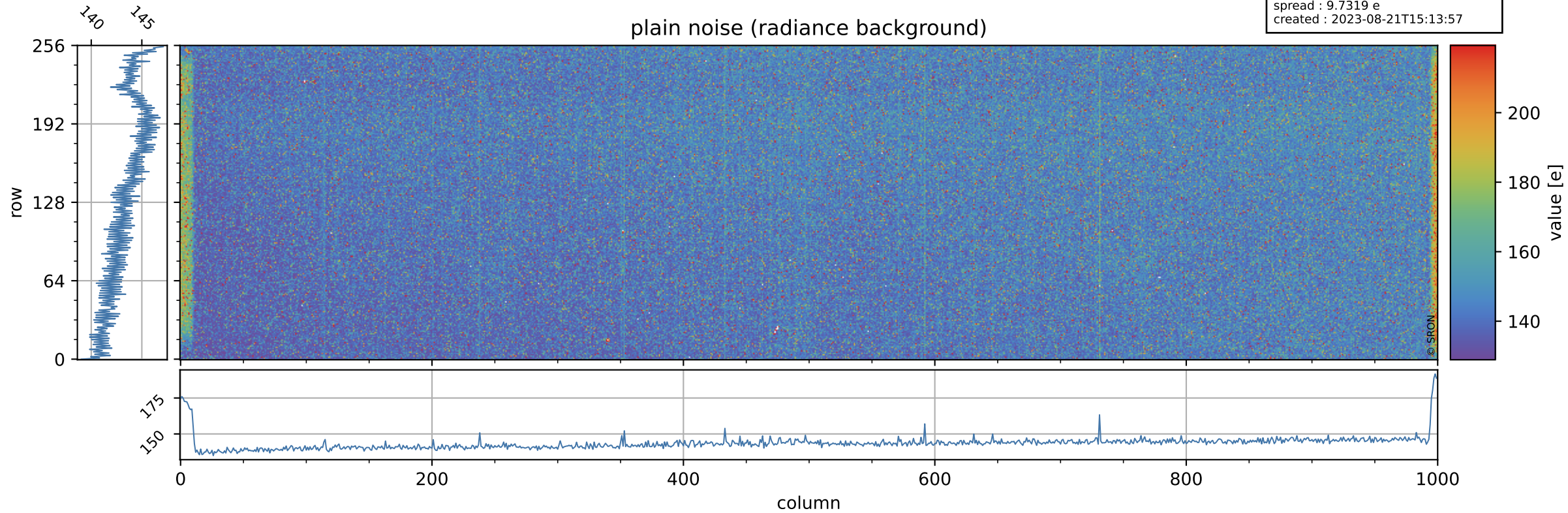
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10582, 10672]  
coverage : 2019-10-29 / 2019-11-04  
n\_coad, t\_exp : 1, 0.8383  
median : 143.34 e  
spread : 9.7319 e  
created : 2023-08-21T15:13:57

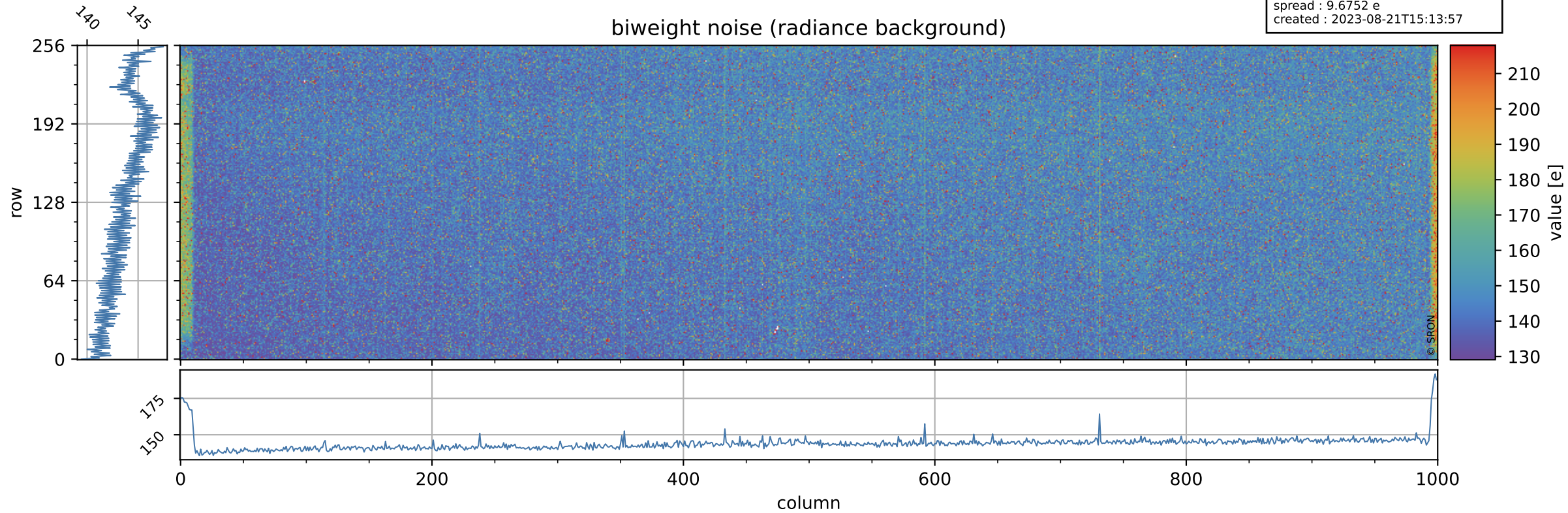
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10582, 10672]  
coverage : 2019-10-29 / 2019-11-04  
n\_coad, t\_exp : 1, 0.8383  
median : 143.67 e  
spread : 9.6752 e  
created : 2023-08-21T15:13:57

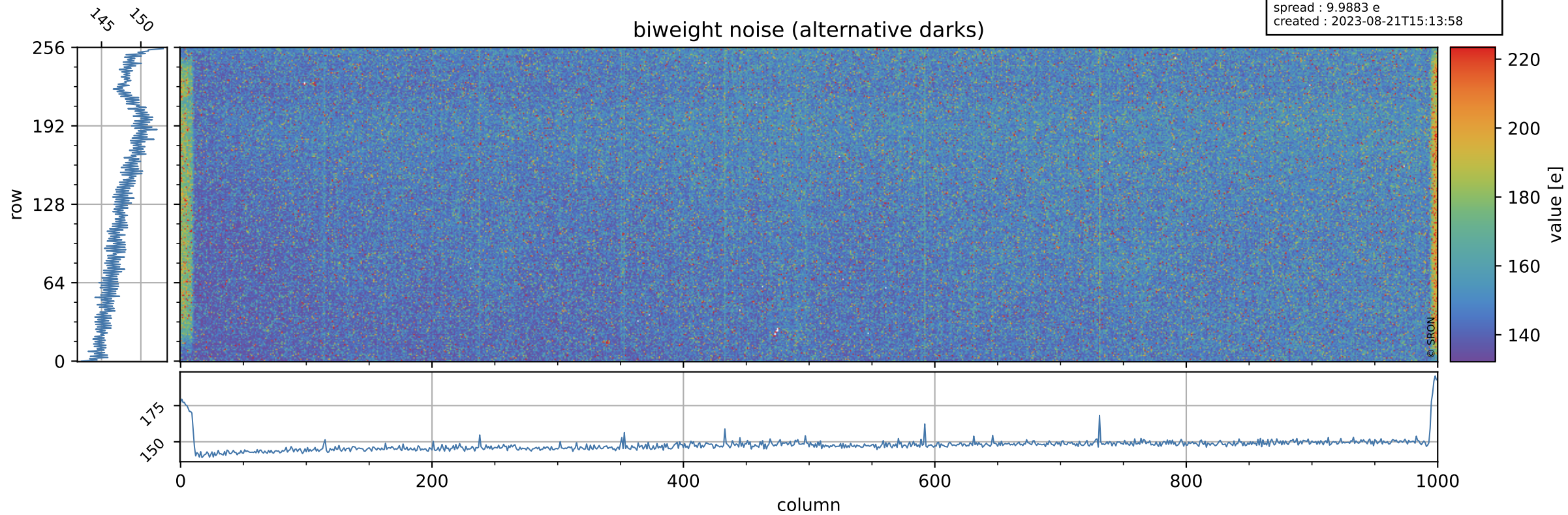
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10582, 10672]  
coverage : 2019-10-29 / 2019-11-04  
n\_coad, t\_exp : 1, 1.0783  
median : 147.59 e  
spread : 9.9883 e  
created : 2023-08-21T15:13:58

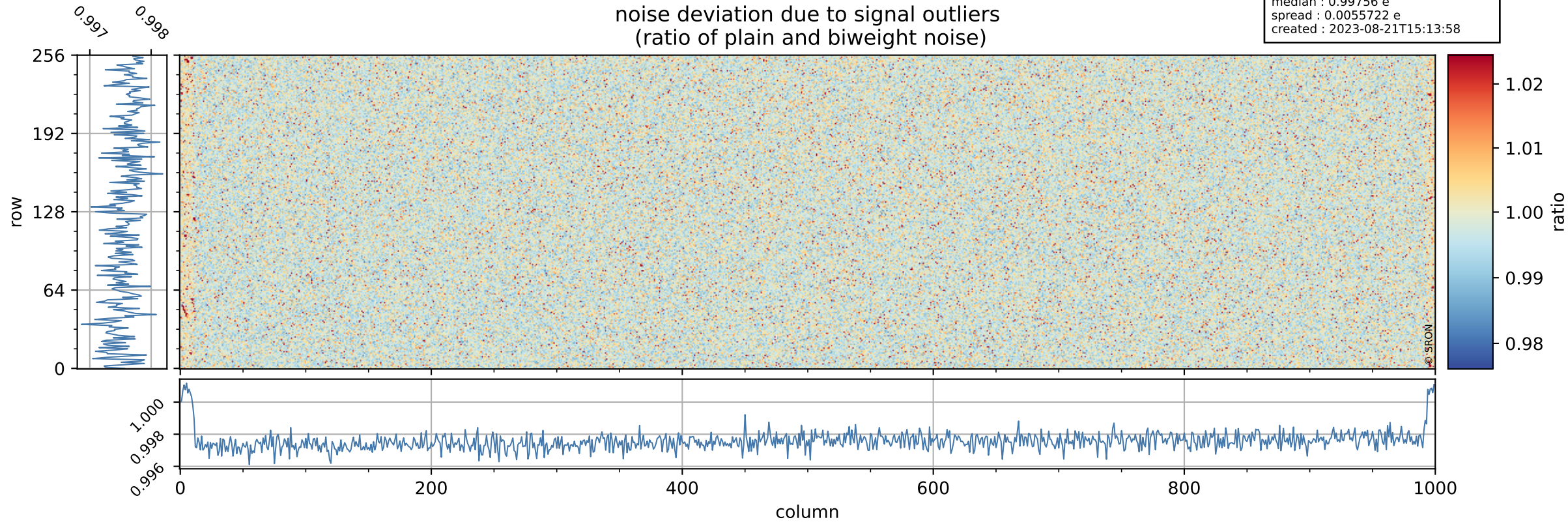
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

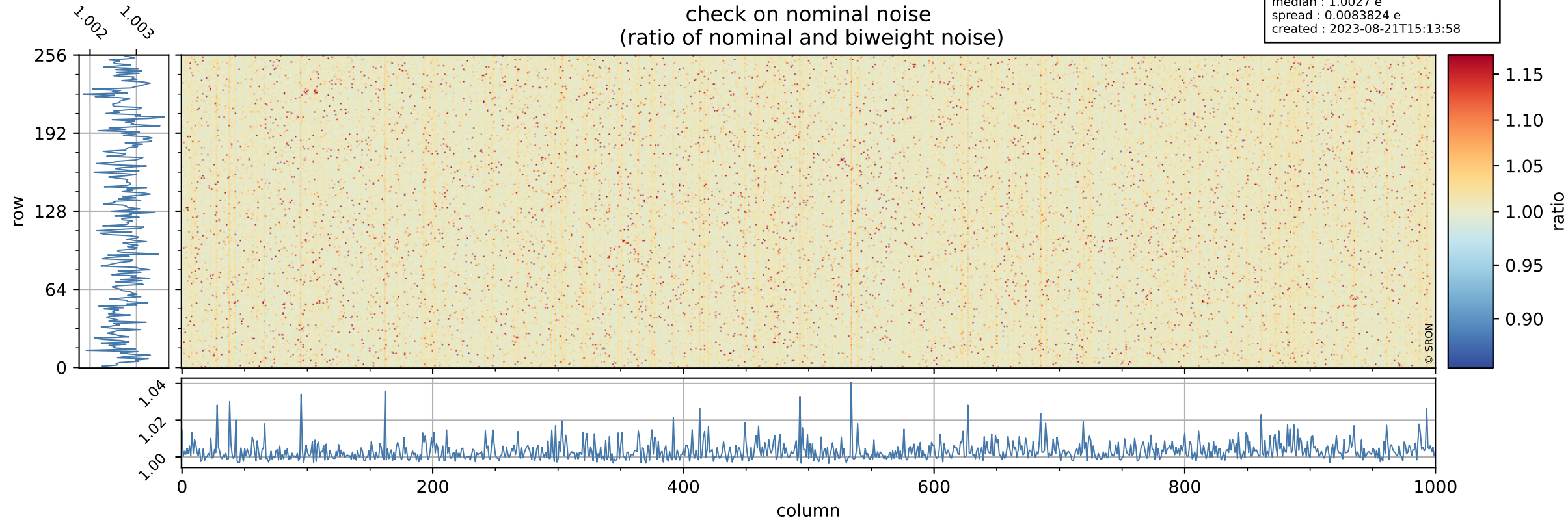
orbits : 12 in [10582, 10672]  
coverage : 2019-10-29 / 2019-11-04  
median : 0.99756 e  
spread : 0.0055722 e  
created : 2023-08-21T15:13:58



# Tropomi SWIR background noise (swir)

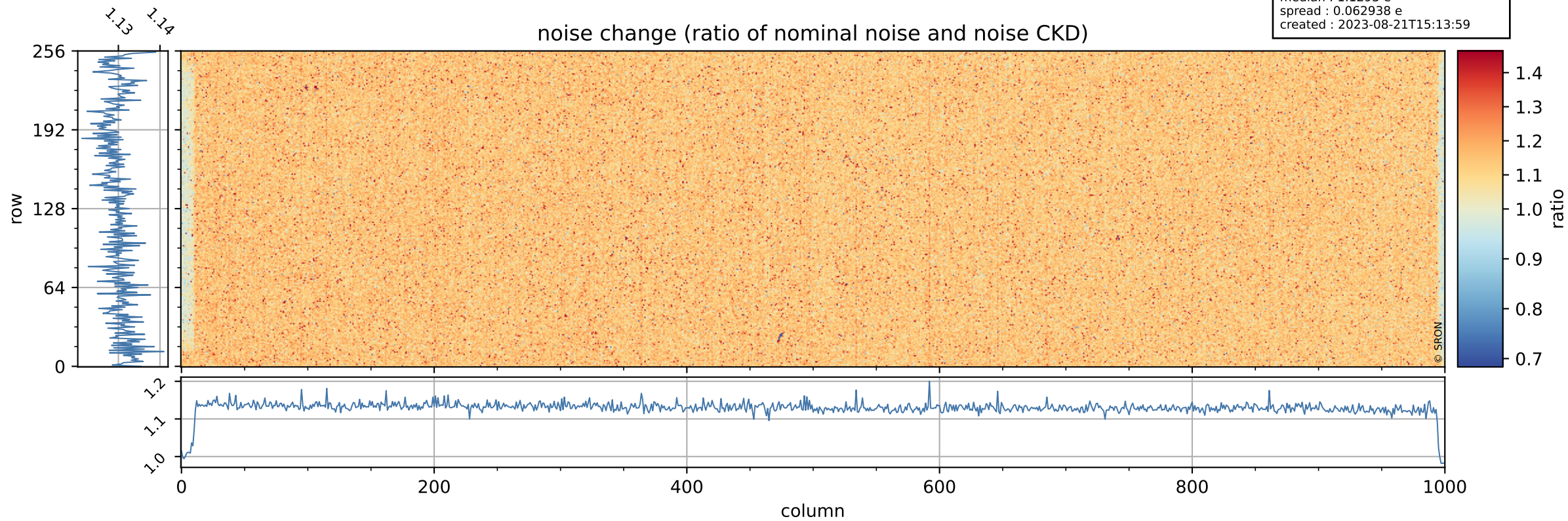
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [10582, 10672]  
coverage : 2019-10-29 / 2019-11-04  
median : 1.0027 e  
spread : 0.0083824 e  
created : 2023-08-21T15:13:58



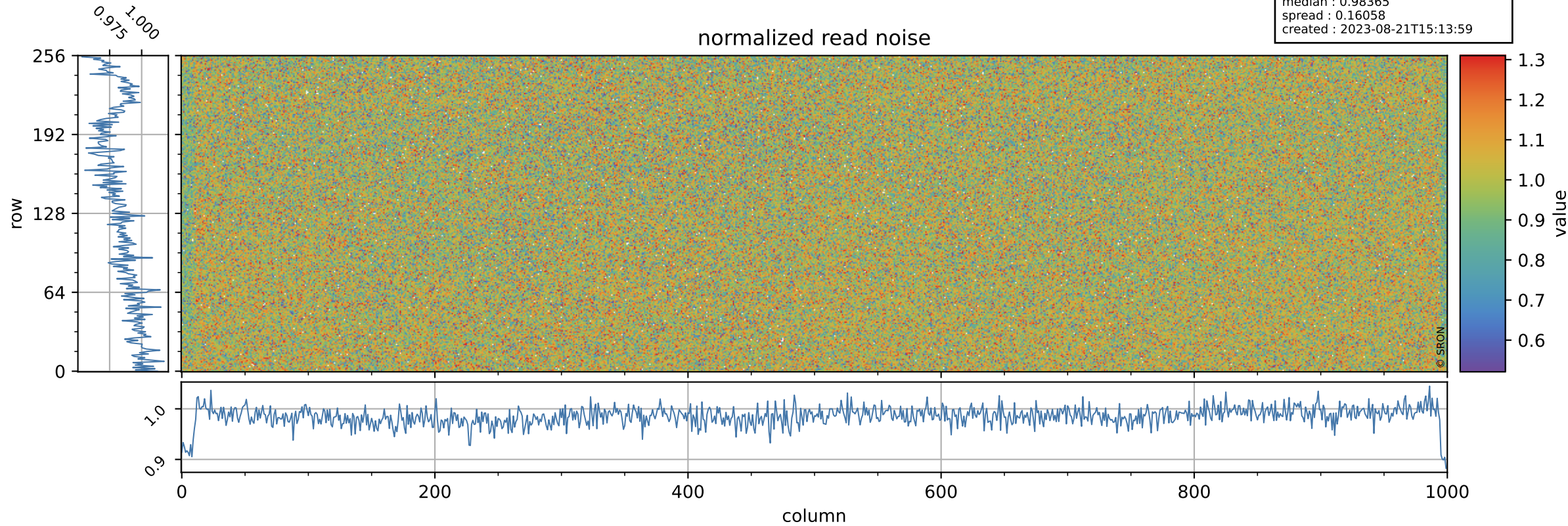
# Tropomi SWIR background noise (swir)

orbits : 12 in [10582, 10672]  
coverage : 2019-10-29 / 2019-11-04  
median : 1.1293 e  
spread : 0.062938 e  
created : 2023-08-21T15:13:59



# Tropomi SWIR background noise (swir)

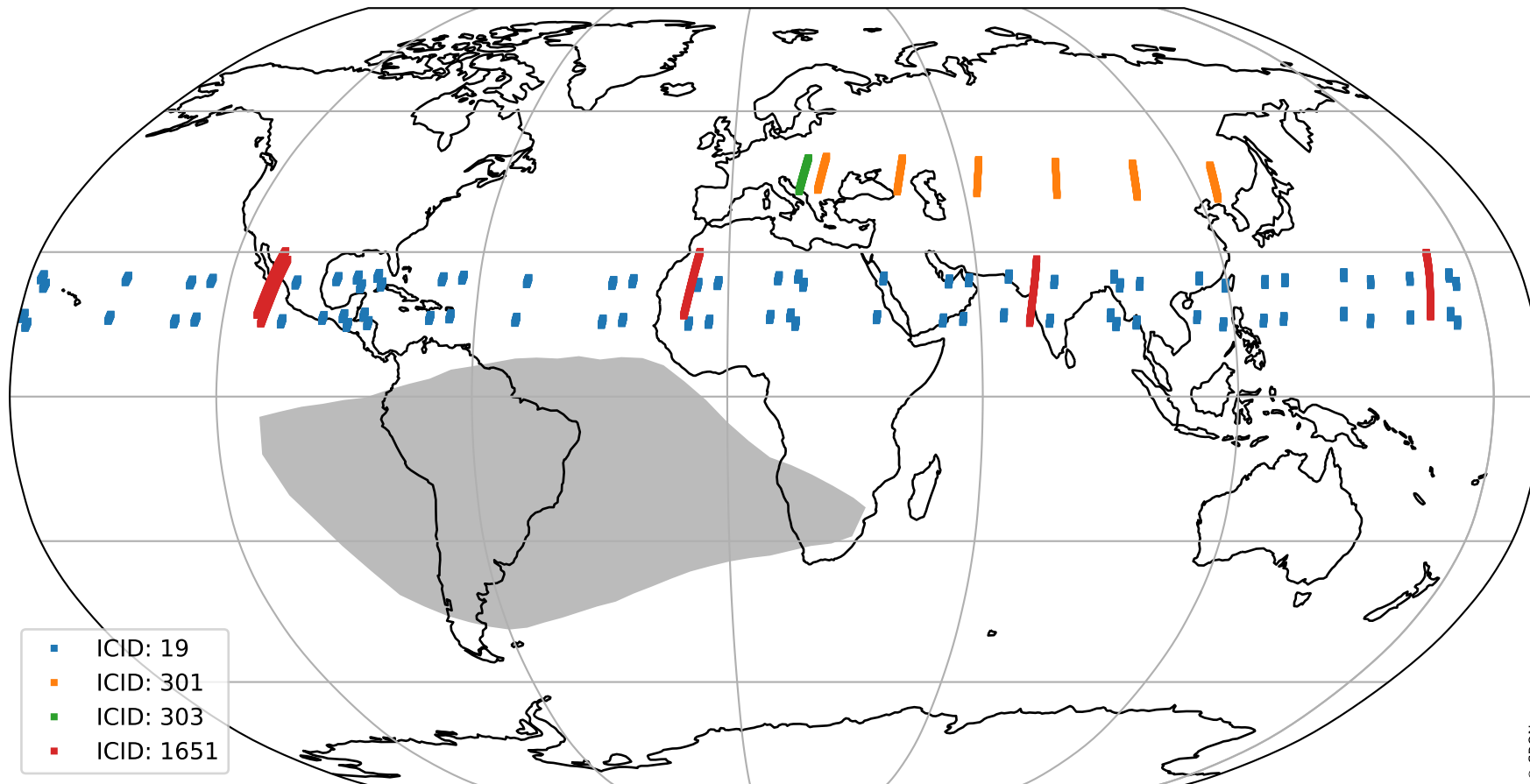
orbits : 12 in [10582, 10672]  
coverage : 2019-10-29 / 2019-11-04  
median : 0.98365  
spread : 0.16058  
created : 2023-08-21T15:13:59





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

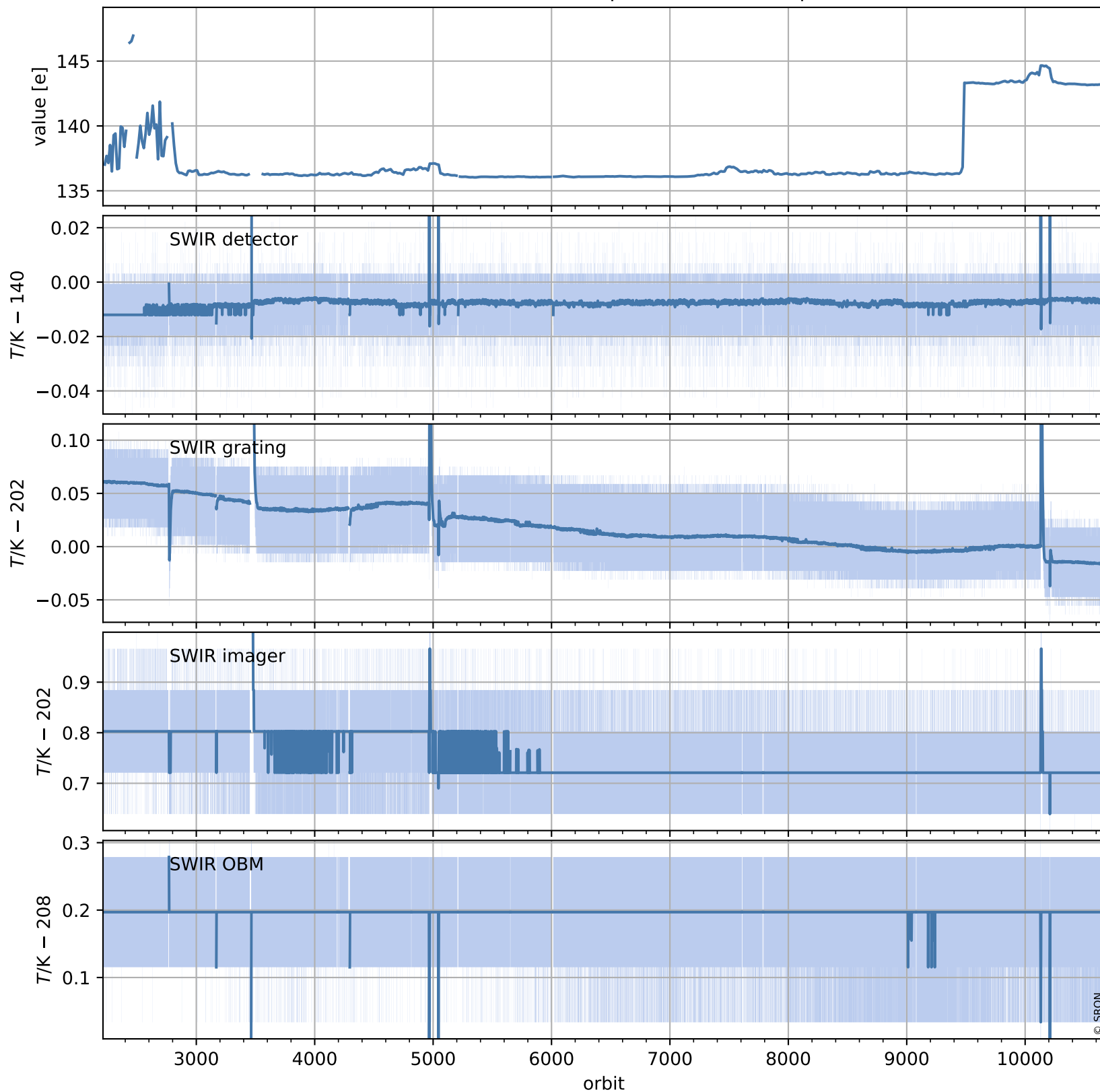
orbits : 12 in [10582, 10672]  
coverage : 2019-10-29 / 2019-11-04  
created : 2023-08-21T15:14:00



# Tropomi SWIR background noise (swir)

orbits : [2212, 10672]  
coverage : 2018-03-18 / 2019-11-04  
created : 2023-08-21T15:14:00

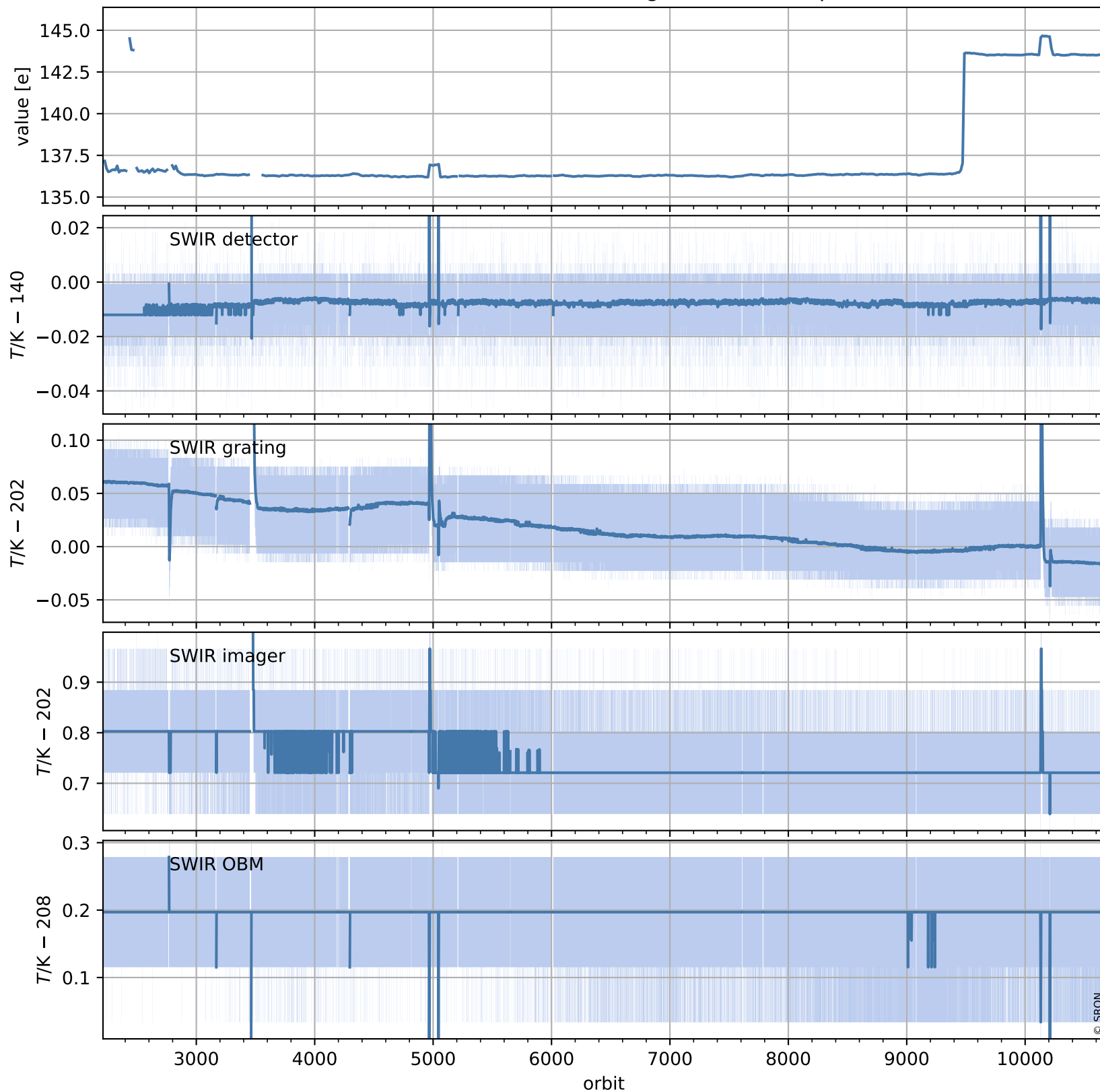
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10672]  
coverage : 2018-03-18 / 2019-11-04  
created : 2023-08-21T15:14:01

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10672]  
coverage : 2018-03-18 / 2019-11-04  
created : 2023-08-21T15:14:02

## trend of normalized read-noise & temperatures

