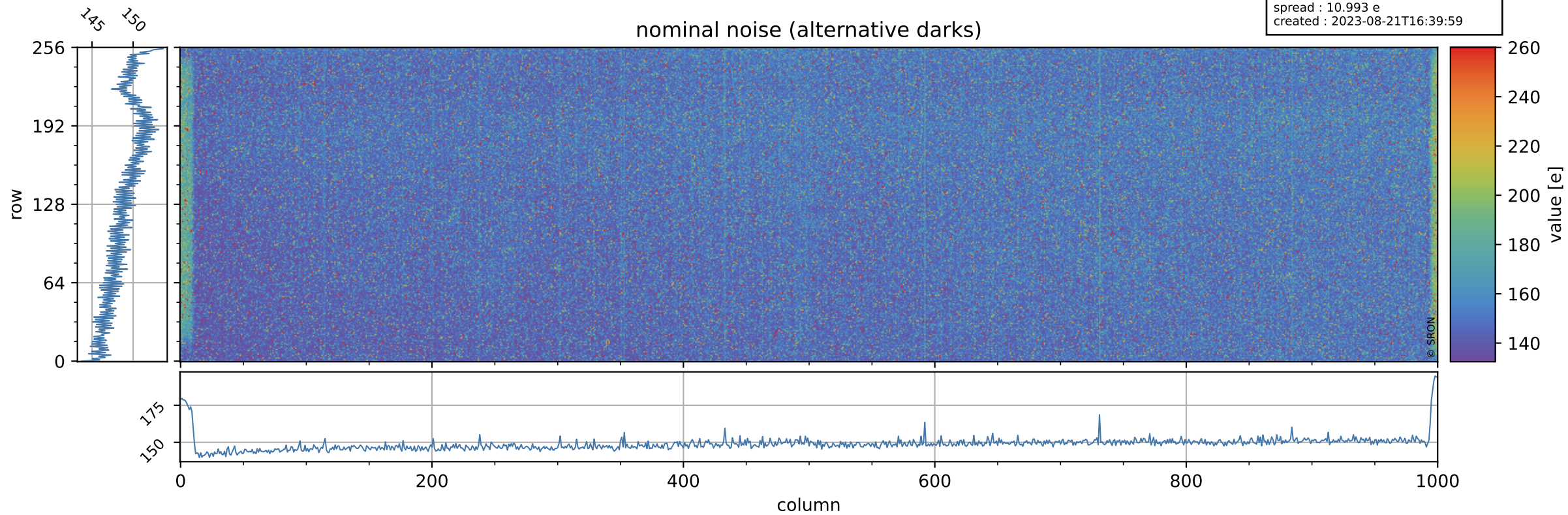


# Tropomi SWIR background noise (swir)

orbits : 12 in [24877, 24952]  
coverage : 2022-08-01 / 2022-08-06  
n\_coad, t\_exp : 1, 1.0783  
median : 148.8 e  
spread : 10.993 e  
created : 2023-08-21T16:39:59

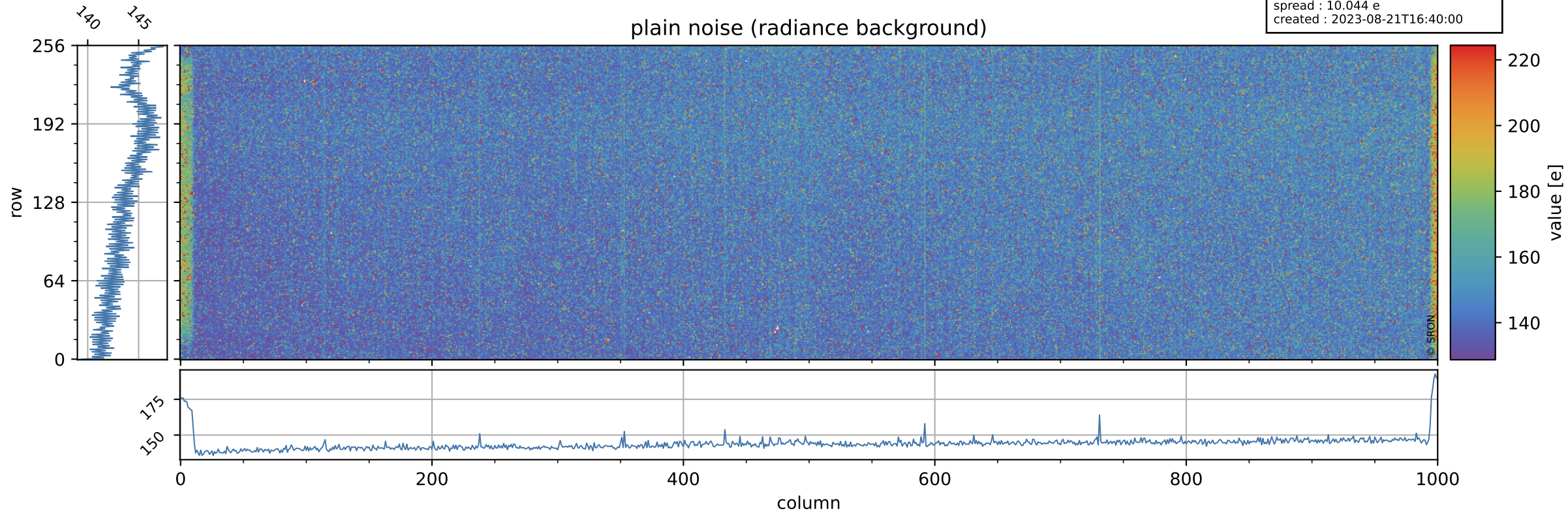
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24877, 24952]  
coverage : 2022-08-01 / 2022-08-06  
n\_coad, t\_exp : 1, 0.8383  
median : 143.68 e  
spread : 10.044 e  
created : 2023-08-21T16:40:00

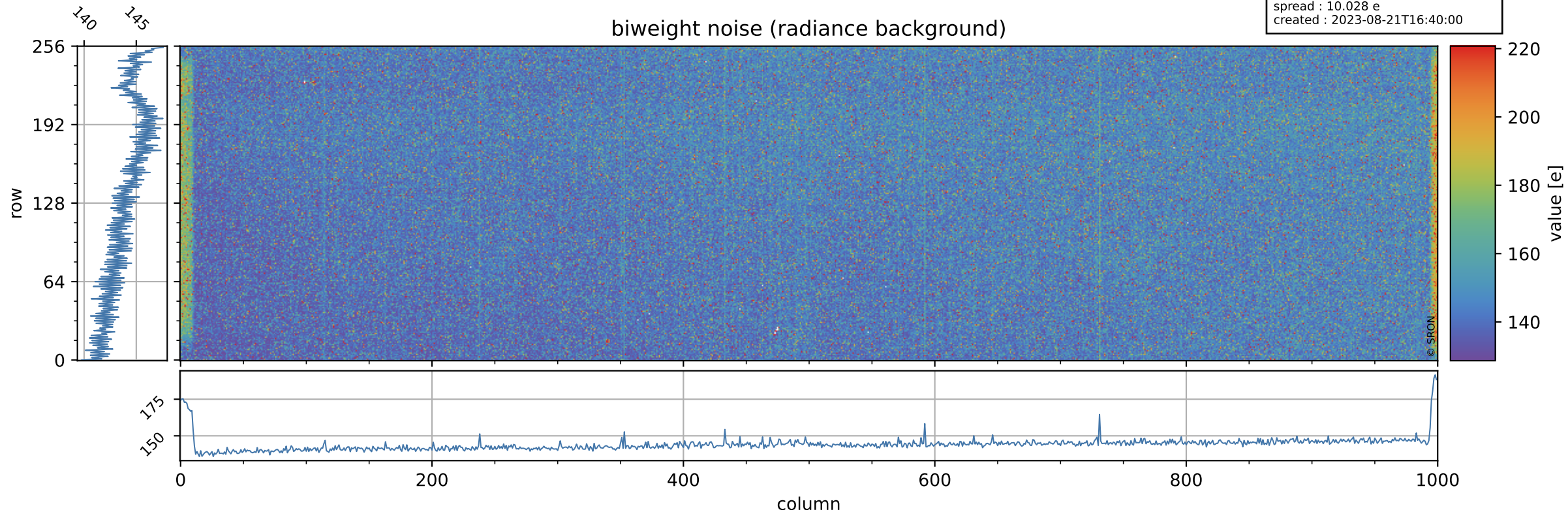
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24877, 24952]  
coverage : 2022-08-01 / 2022-08-06  
n\_coad, t\_exp : 1, 0.8383  
median : 143.89 e  
spread : 10.028 e  
created : 2023-08-21T16:40:00

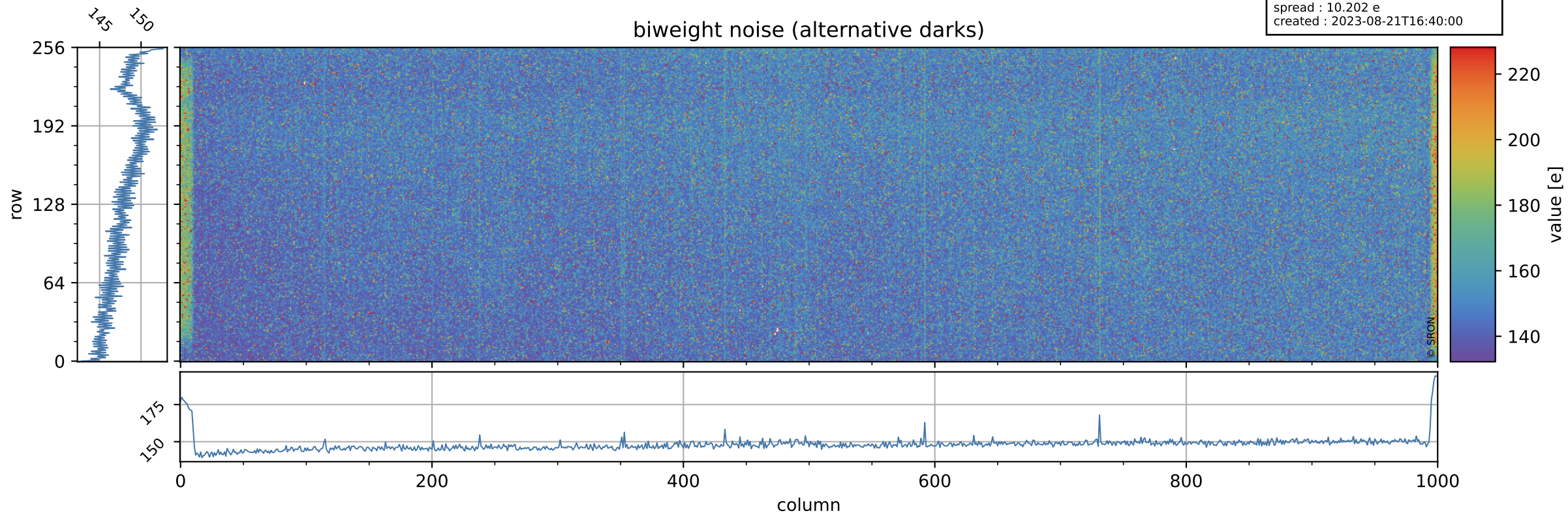
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24877, 24952]  
coverage : 2022-08-01 / 2022-08-06  
n\_coad, t\_exp : 1, 1.0783  
median : 147.82 e  
spread : 10.202 e  
created : 2023-08-21T16:40:00

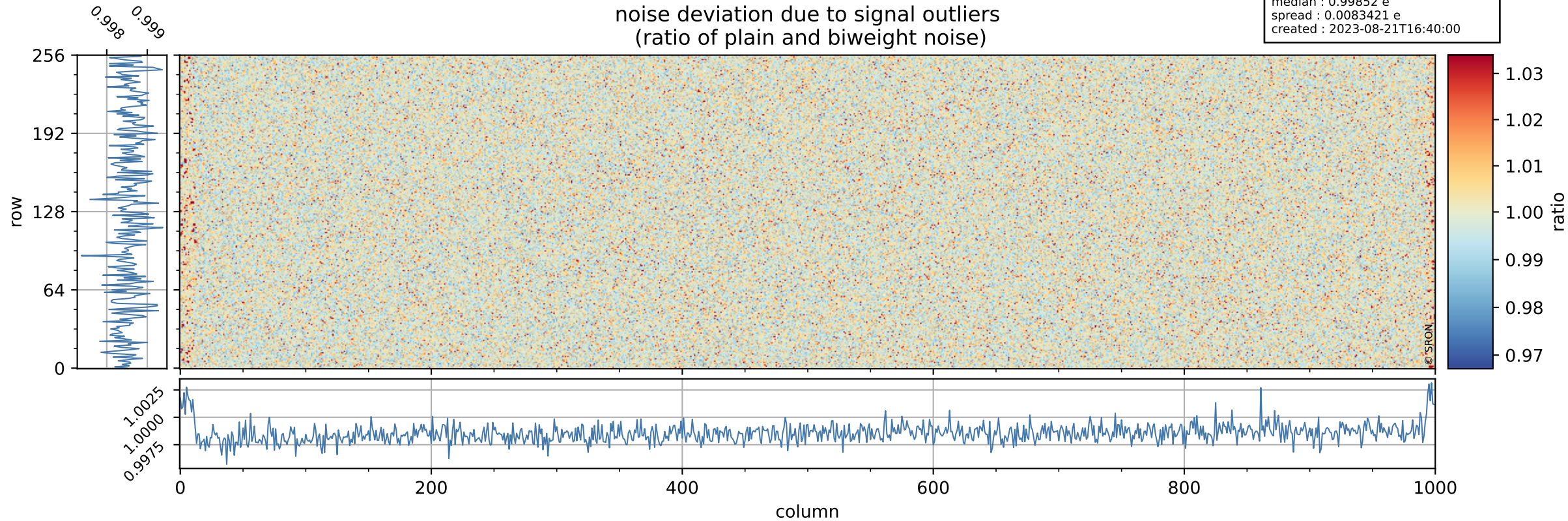
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

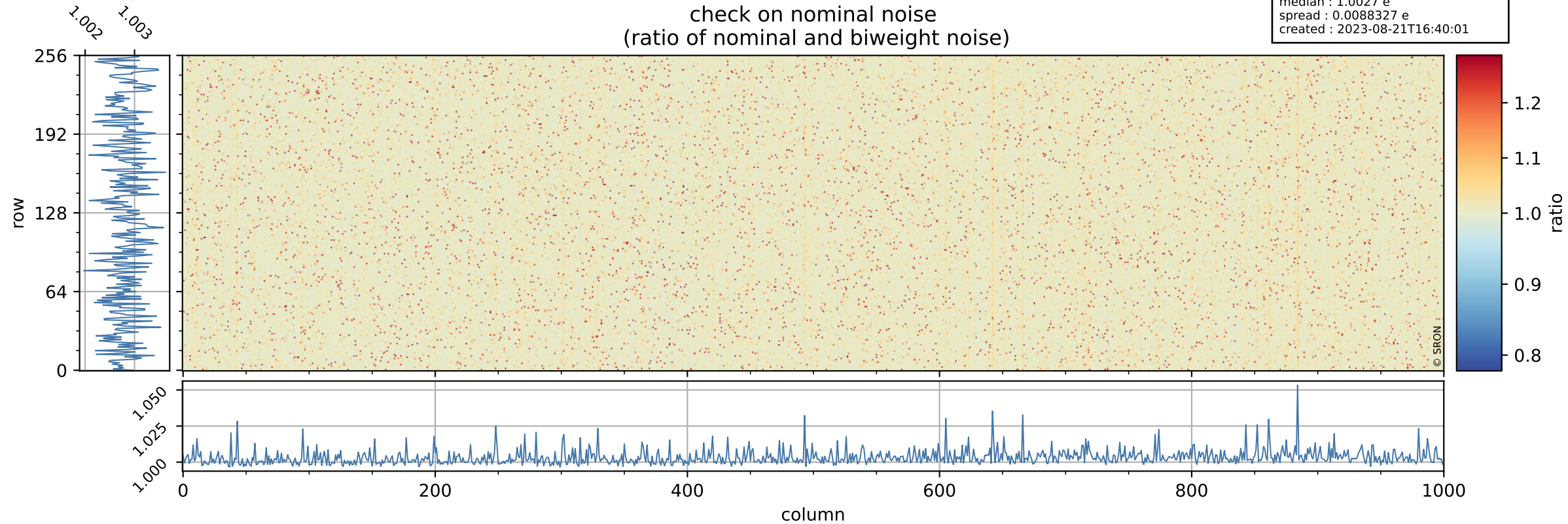
orbits : 12 in [24877, 24952]  
coverage : 2022-08-01 / 2022-08-06  
median : 0.99852 e  
spread : 0.0083421 e  
created : 2023-08-21T16:40:00



# Tropomi SWIR background noise (swir)

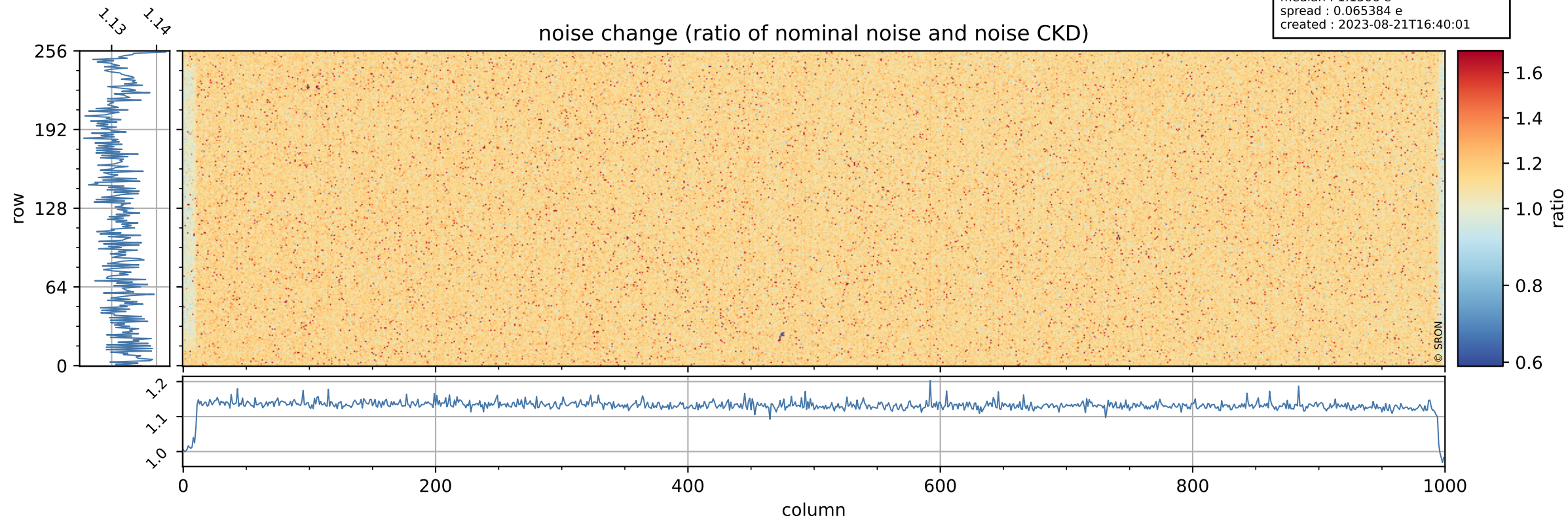
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [24877, 24952]  
coverage : 2022-08-01 / 2022-08-06  
median : 1.0027 e  
spread : 0.0088327 e  
created : 2023-08-21T16:40:01



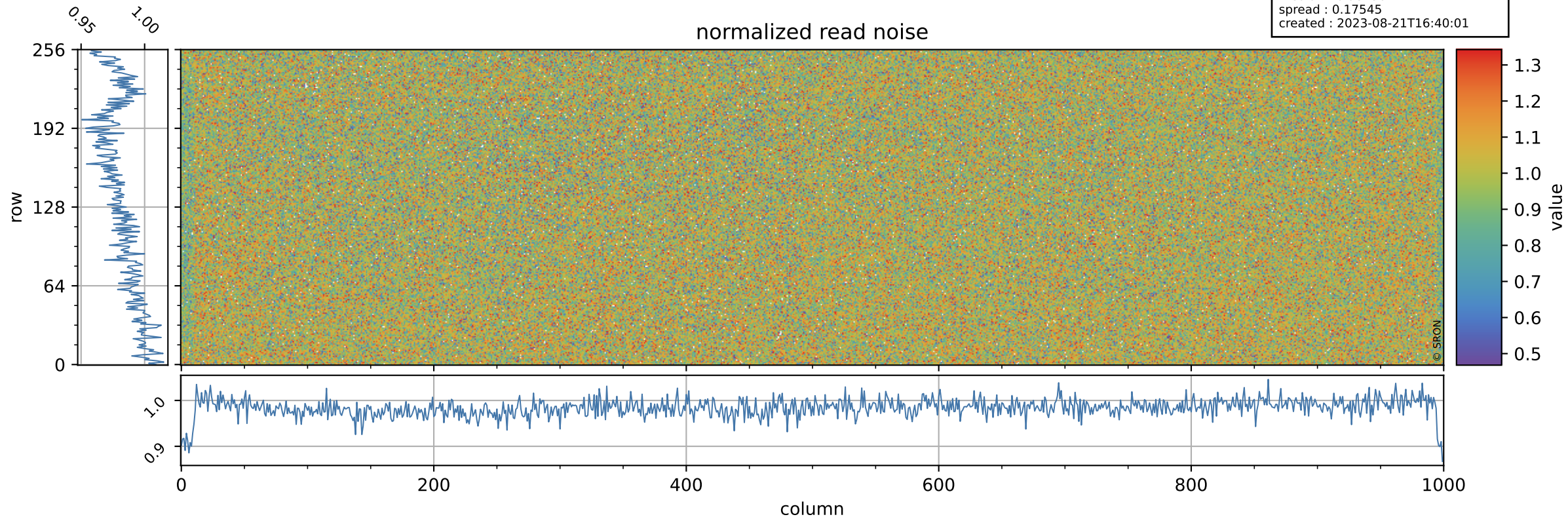
# Tropomi SWIR background noise (swir)

orbits : 12 in [24877, 24952]  
coverage : 2022-08-01 / 2022-08-06  
median : 1.1306 e  
spread : 0.065384 e  
created : 2023-08-21T16:40:01



# Tropomi SWIR background noise (swir)

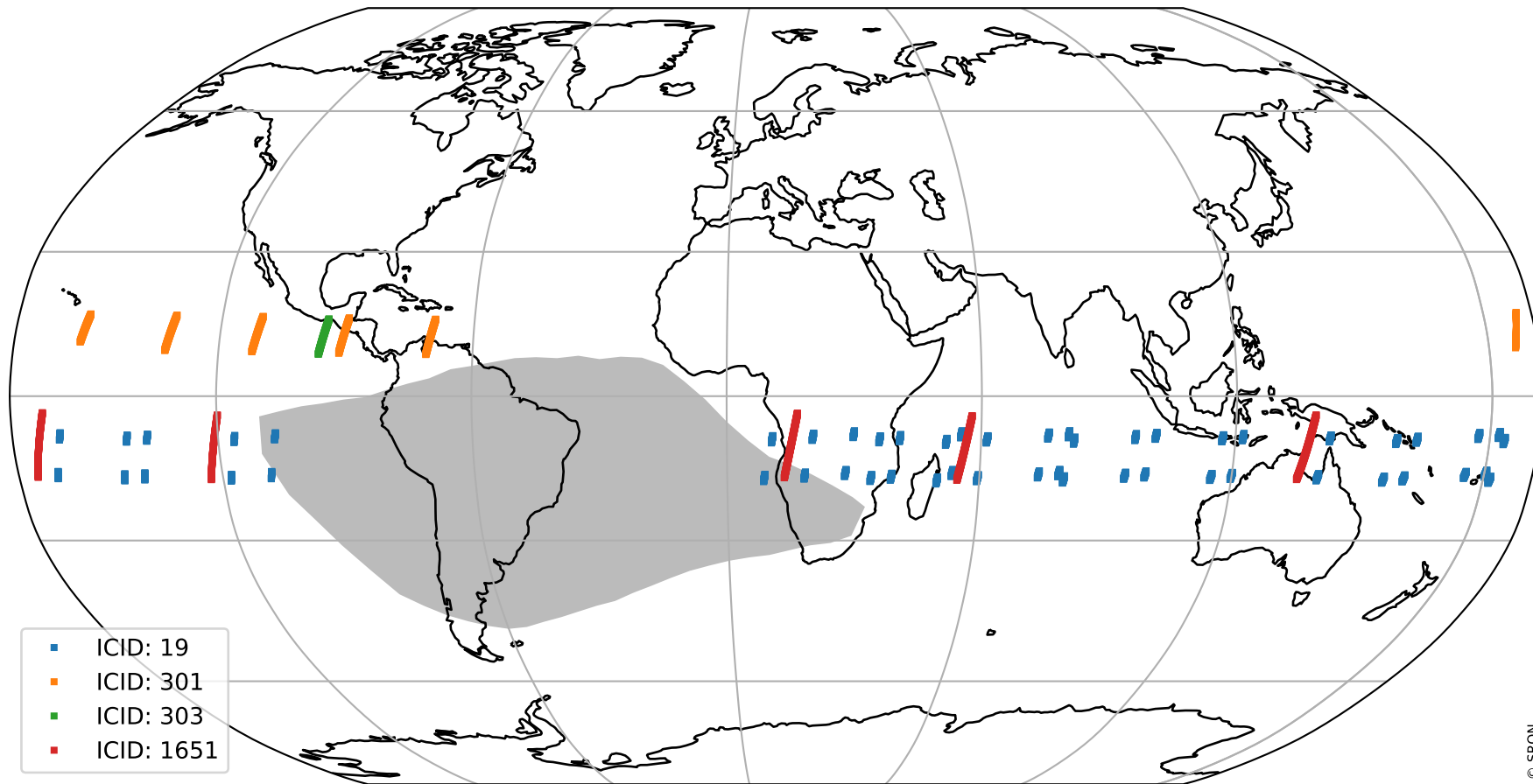
orbits : 12 in [24877, 24952]  
coverage : 2022-08-01 / 2022-08-06  
median : 0.98236  
spread : 0.17545  
created : 2023-08-21T16:40:01





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

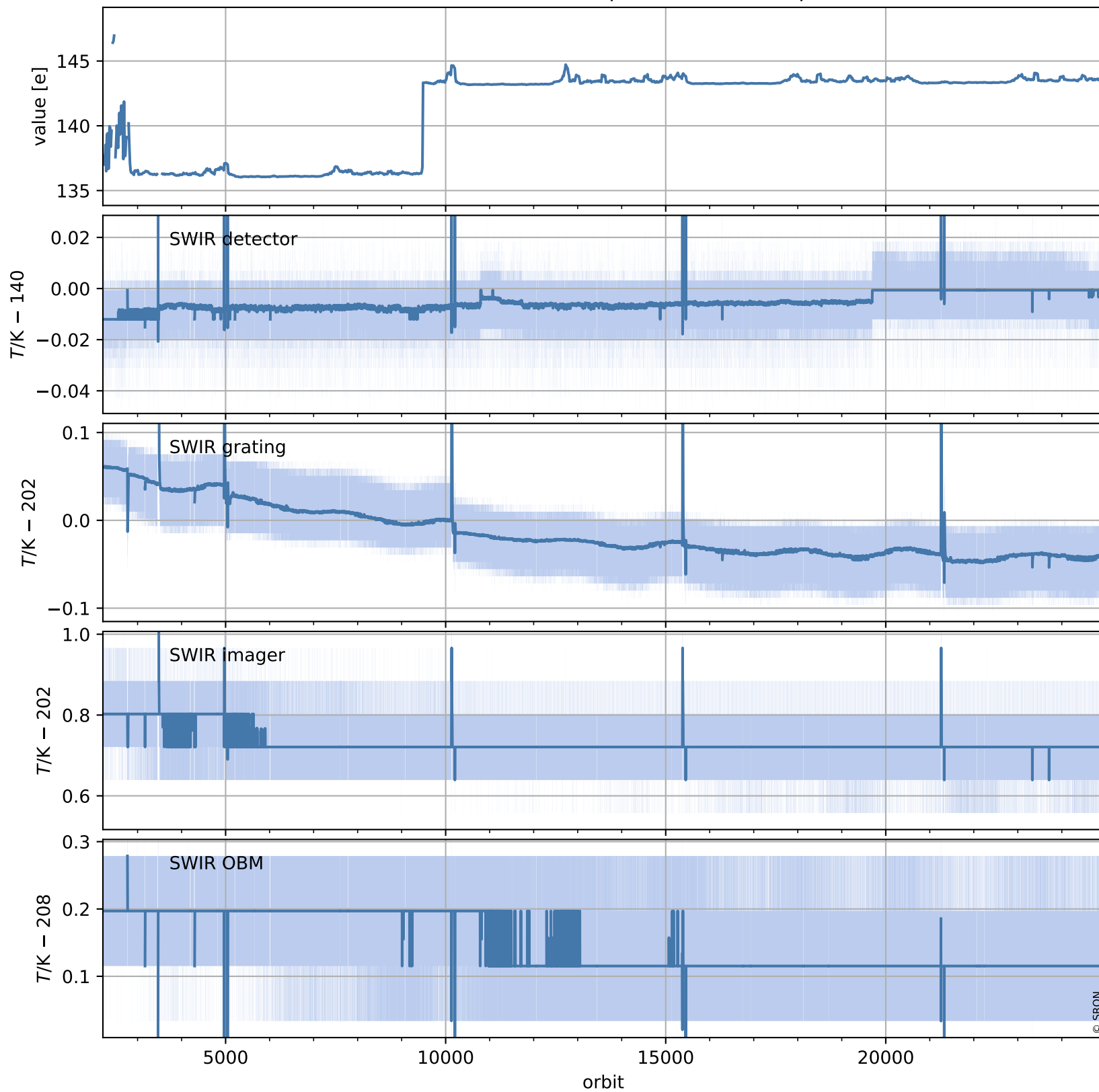
orbits : 12 in [24877, 24952]  
coverage : 2022-08-01 / 2022-08-06  
created : 2023-08-21T16:40:01



# Tropomi SWIR background noise (swir)

orbits : [2212, 24952]  
coverage : 2018-03-18 / 2022-08-06  
created : 2023-08-21T16:40:02

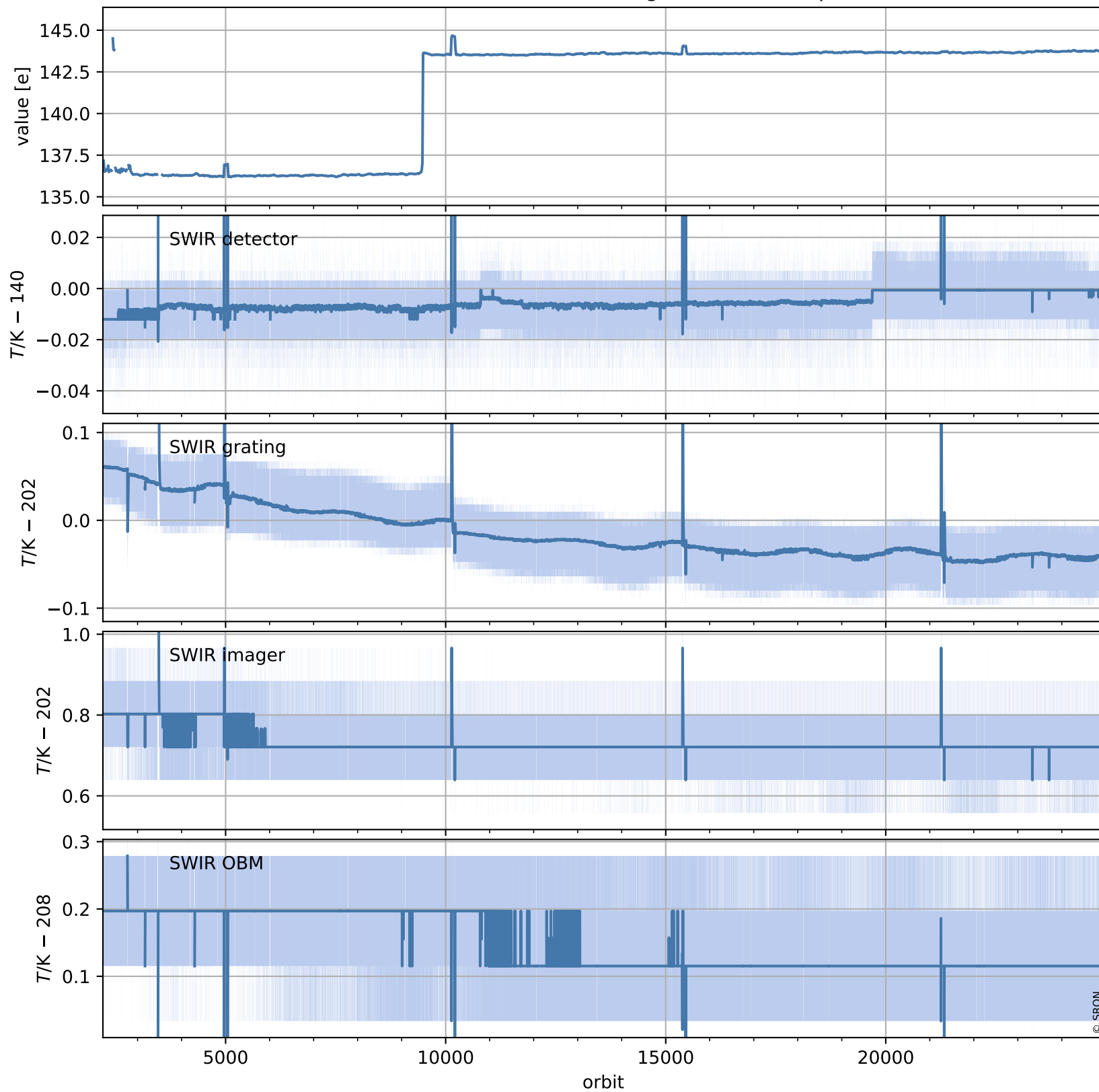
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24952]  
coverage : 2018-03-18 / 2022-08-06  
created : 2023-08-21T16:40:03

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24952]  
coverage : 2018-03-18 / 2022-08-06  
created : 2023-08-21T16:40:03

## trend of normalized read-noise & temperatures

