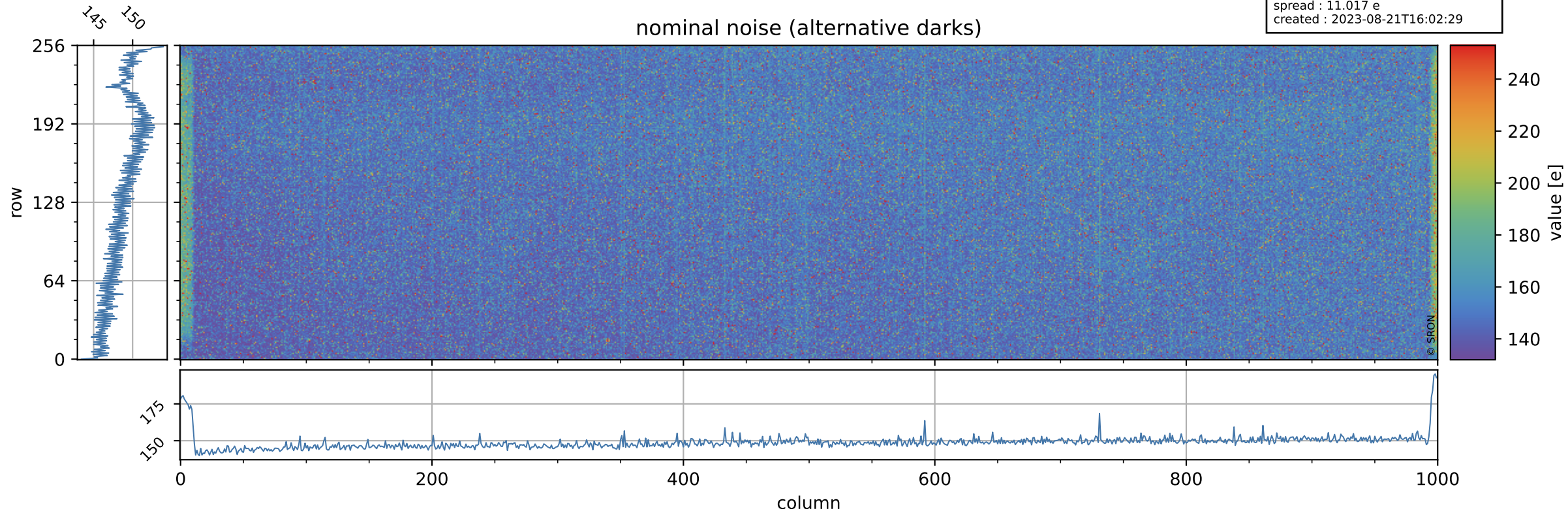


# Tropomi SWIR background noise (swir)

orbits : 12 in [18877, 18967]  
coverage : 2021-06-05 / 2021-06-11  
n\_coad, t\_exp : 1, 1.0783  
median : 148.65 e  
spread : 11.017 e  
created : 2023-08-21T16:02:29

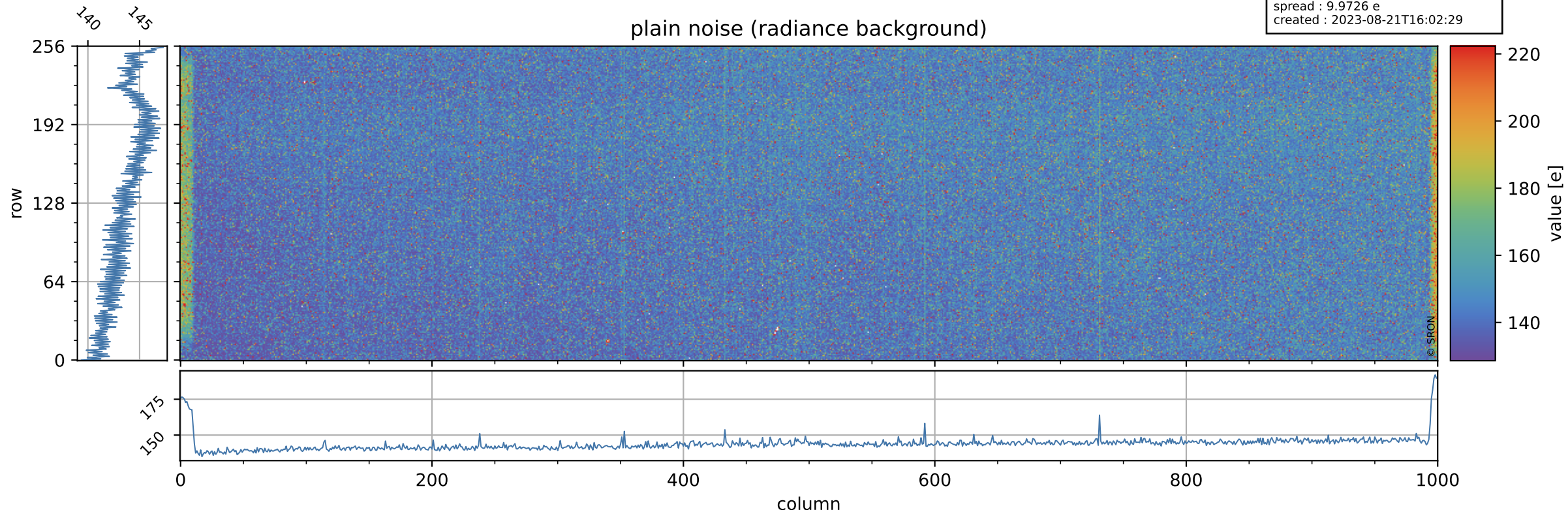
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18877, 18967]  
coverage : 2021-06-05 / 2021-06-11  
n\_coad, t\_exp : 1, 0.8383  
median : 143.57 e  
spread : 9.9726 e  
created : 2023-08-21T16:02:29

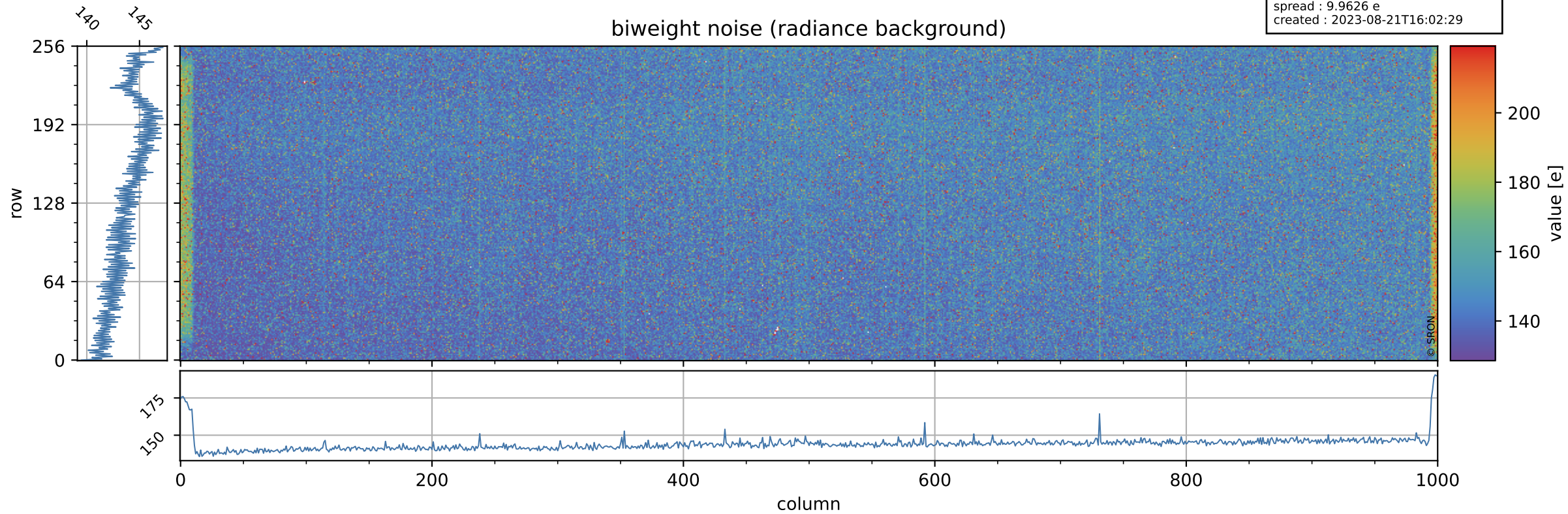
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18877, 18967]  
coverage : 2021-06-05 / 2021-06-11  
n\_coad, t\_exp : 1, 0.8383  
median : 143.76 e  
spread : 9.9626 e  
created : 2023-08-21T16:02:29

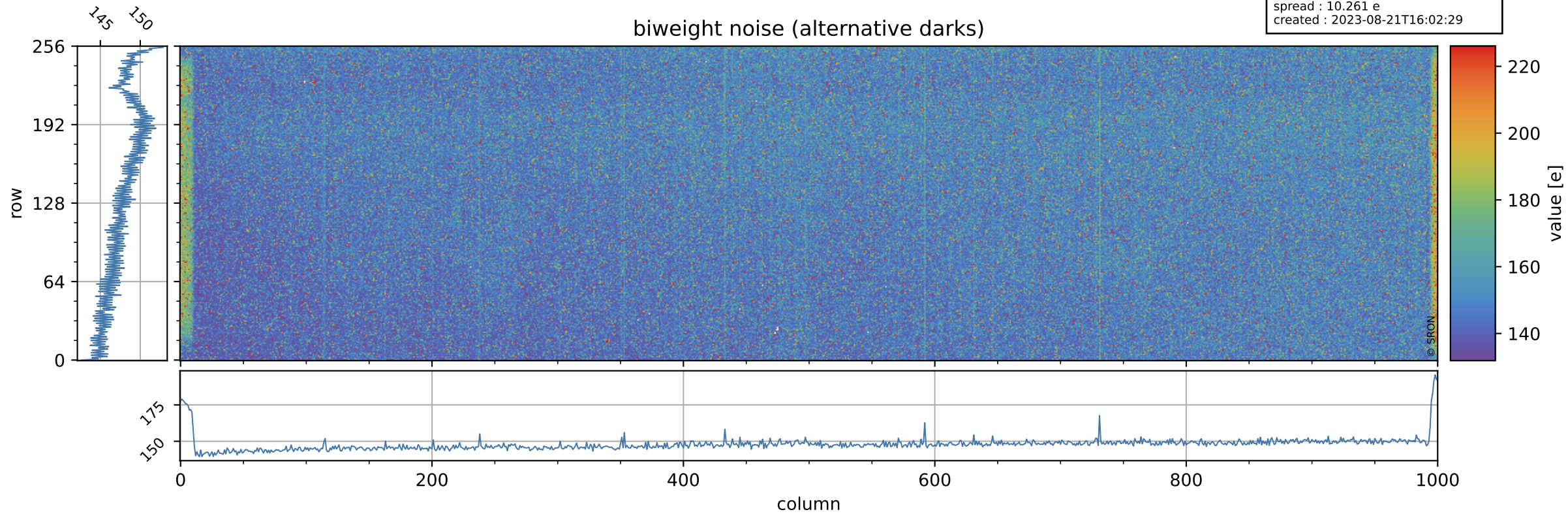
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18877, 18967]  
coverage : 2021-06-05 / 2021-06-11  
n\_coad, t\_exp : 1, 1.0783  
median : 147.7 e  
spread : 10.261 e  
created : 2023-08-21T16:02:29

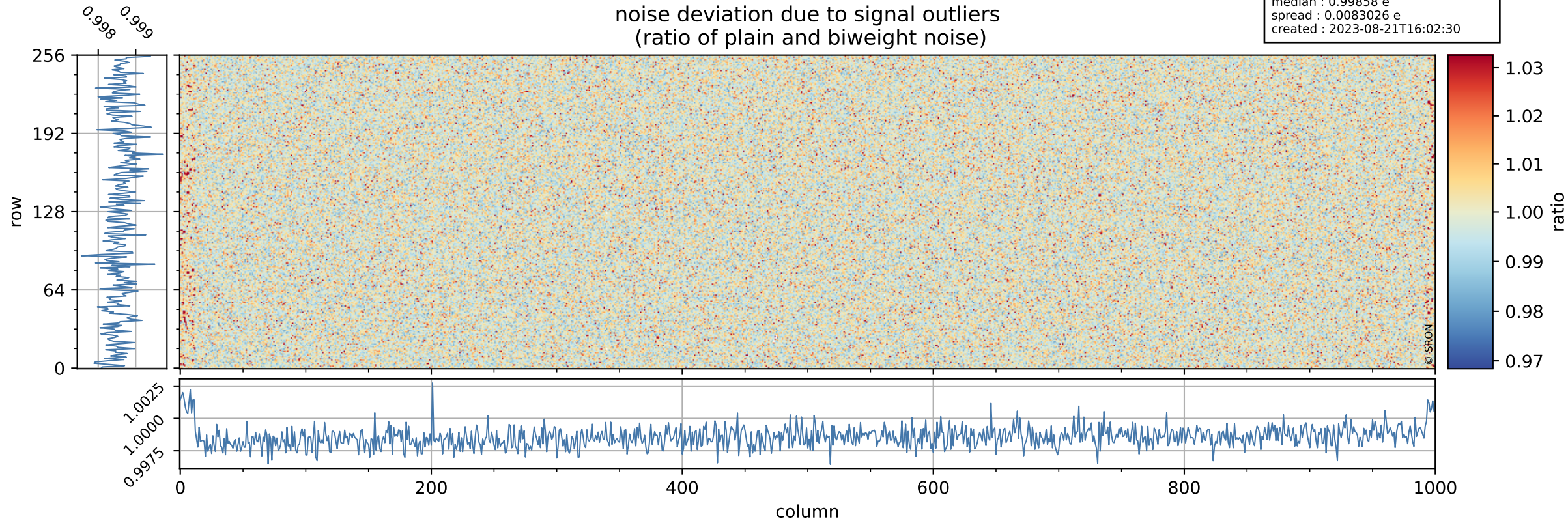
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

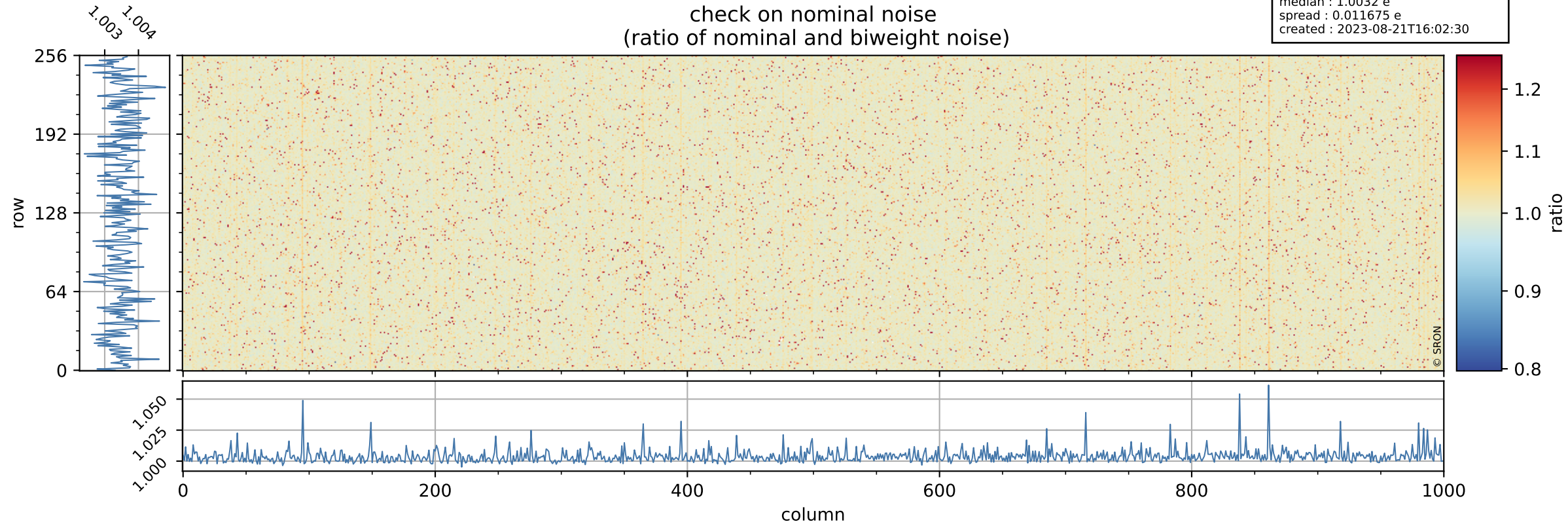
orbits : 12 in [18877, 18967]  
coverage : 2021-06-05 / 2021-06-11  
median : 0.99858 e  
spread : 0.0083026 e  
created : 2023-08-21T16:02:30



# Tropomi SWIR background noise (swir)

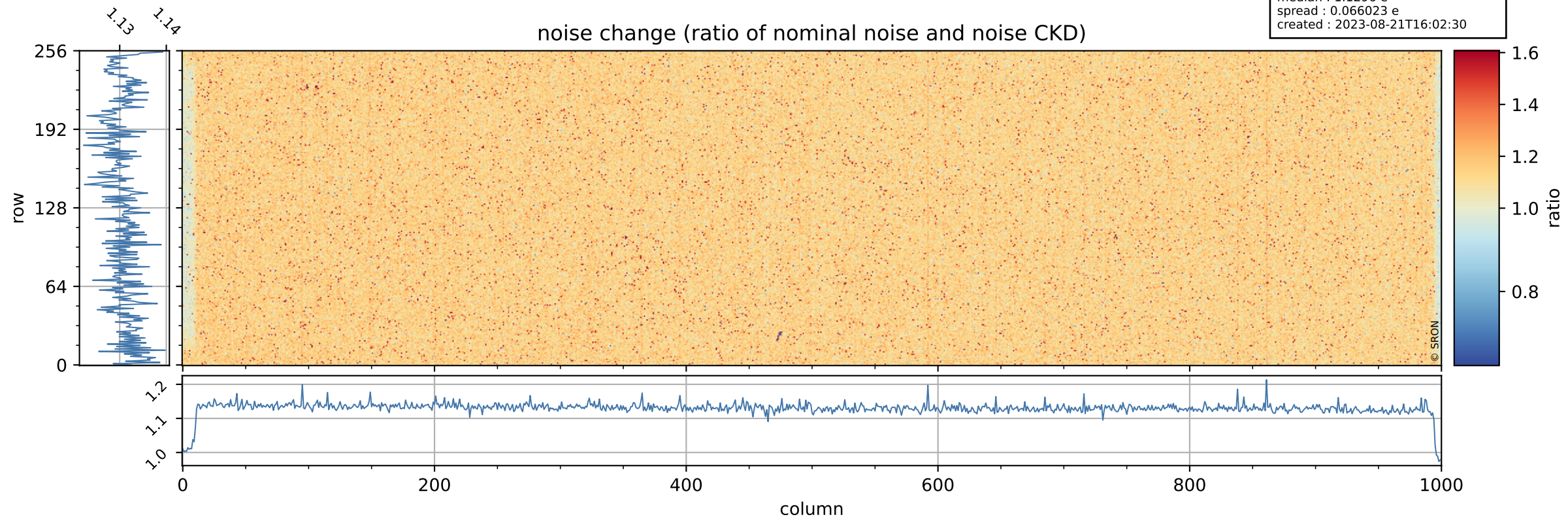
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [18877, 18967]  
coverage : 2021-06-05 / 2021-06-11  
median : 1.0032 e  
spread : 0.011675 e  
created : 2023-08-21T16:02:30



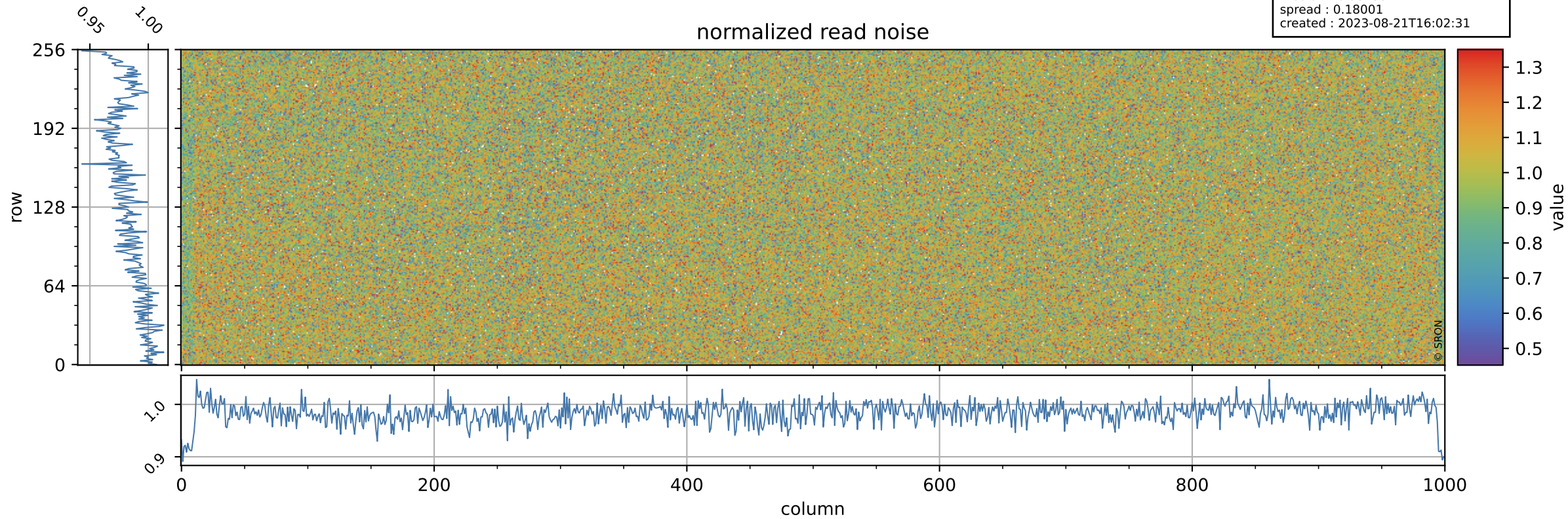
# Tropomi SWIR background noise (swir)

orbits : 12 in [18877, 18967]  
coverage : 2021-06-05 / 2021-06-11  
median : 1.1296 e  
spread : 0.066023 e  
created : 2023-08-21T16:02:30



# Tropomi SWIR background noise (swir)

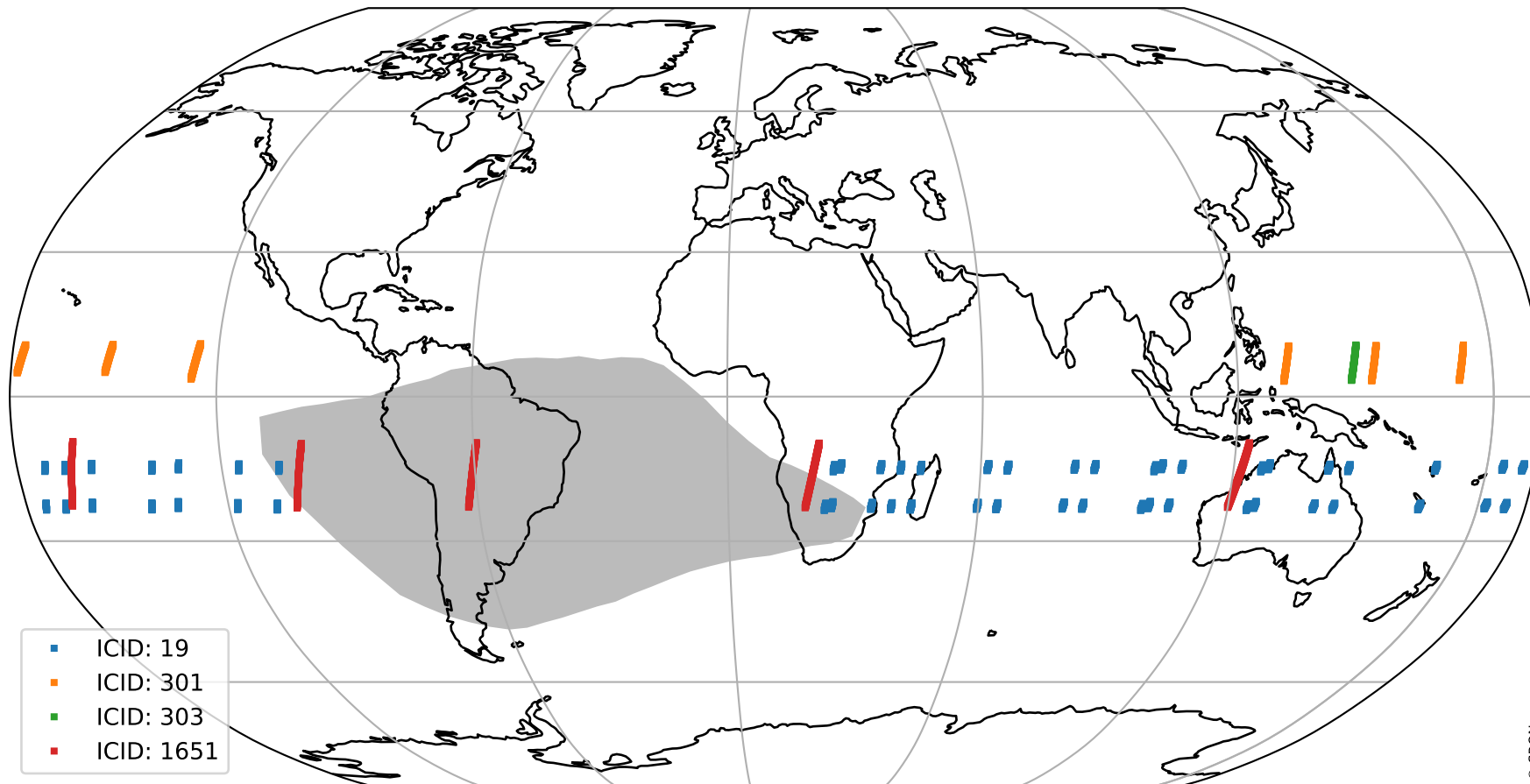
orbits : 12 in [18877, 18967]  
coverage : 2021-06-05 / 2021-06-11  
median : 0.98255  
spread : 0.18001  
created : 2023-08-21T16:02:31





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

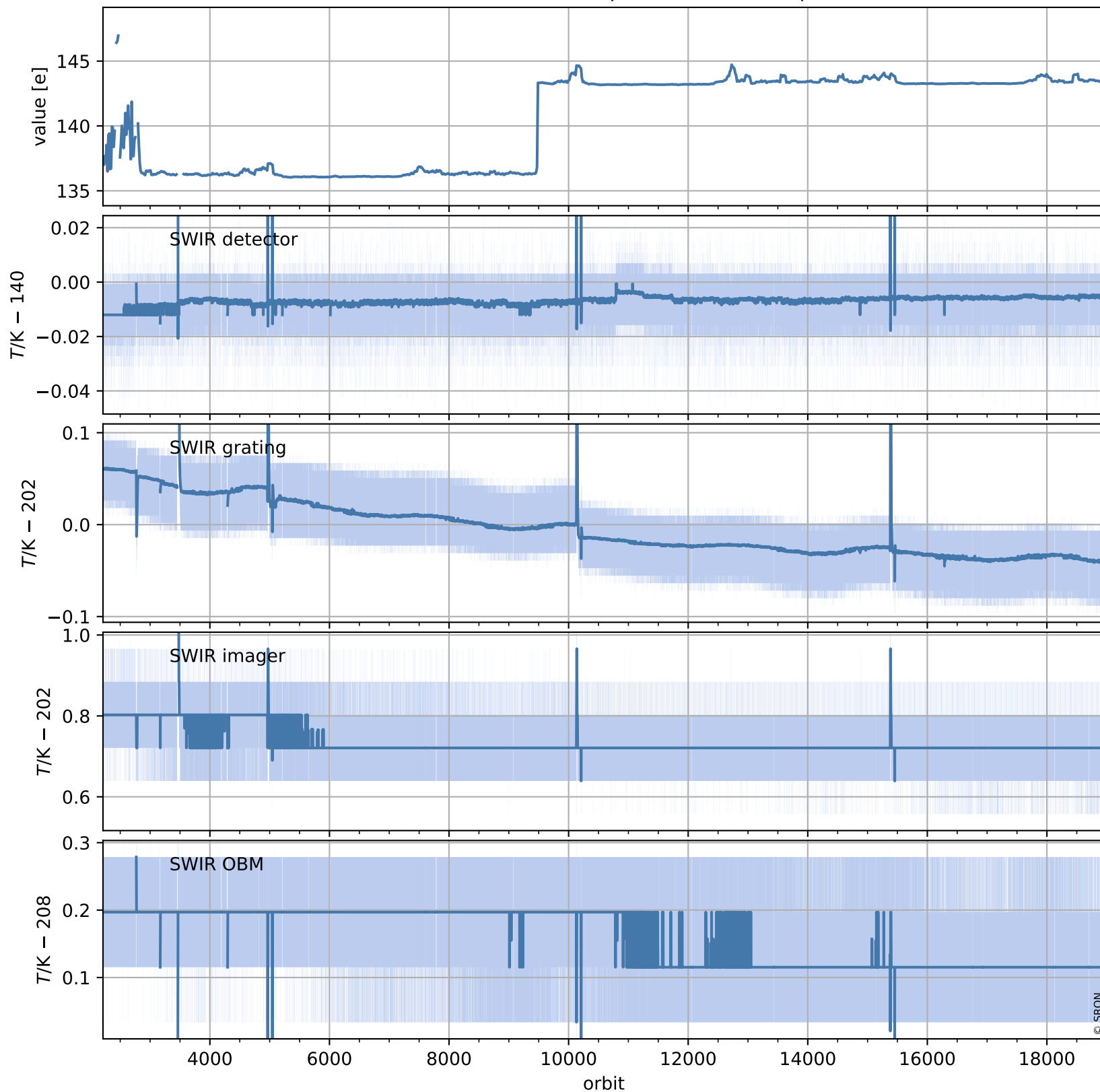
orbits : 12 in [18877, 18967]  
coverage : 2021-06-05 / 2021-06-11  
created : 2023-08-21T16:02:31



# Tropomi SWIR background noise (swir)

orbits : [2212, 18967]  
coverage : 2018-03-18 / 2021-06-11  
created : 2023-08-21T16:02:31

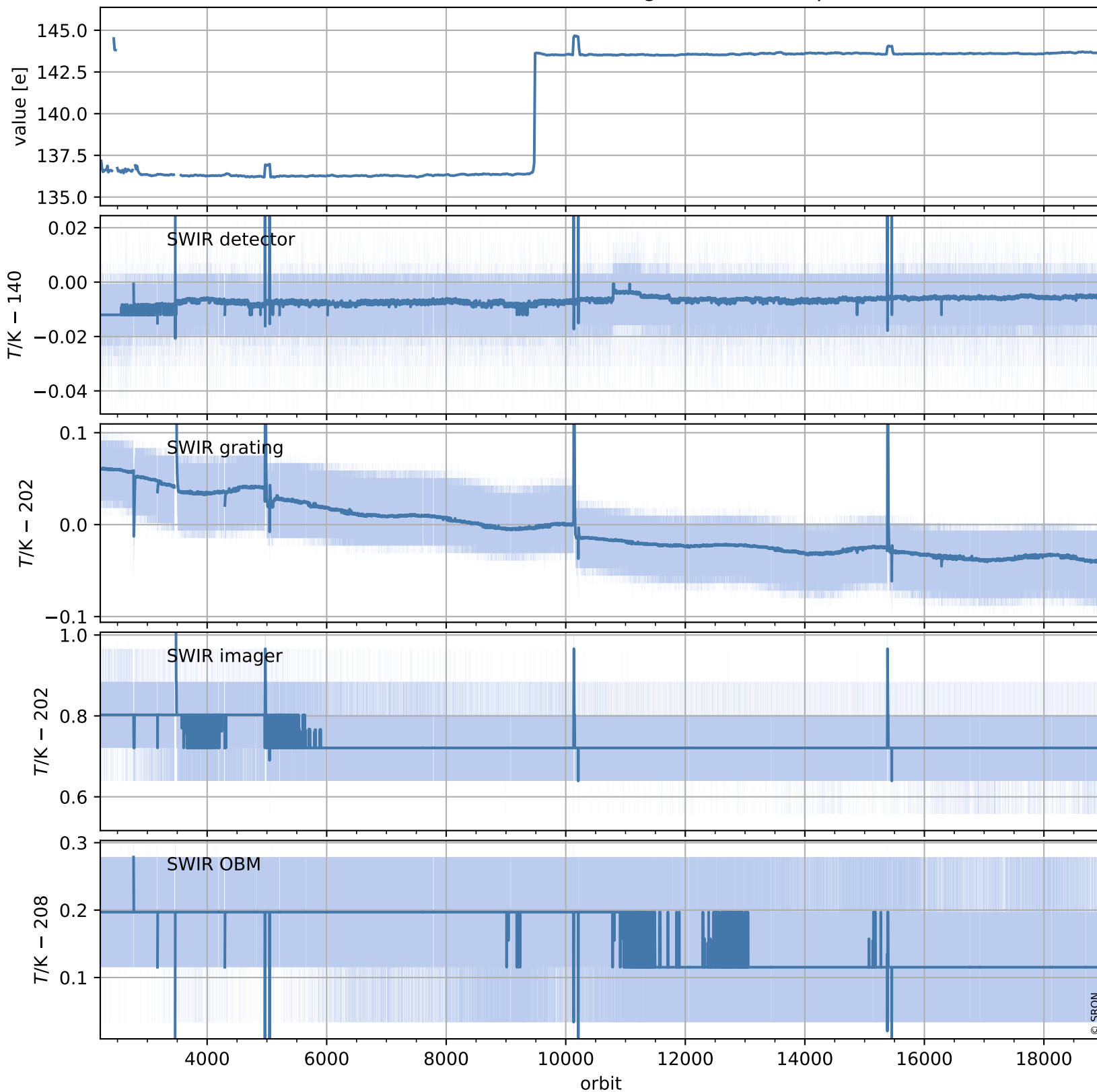
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18967]  
coverage : 2018-03-18 / 2021-06-11  
created : 2023-08-21T16:02:32

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18967]  
coverage : 2018-03-18 / 2021-06-11  
created : 2023-08-21T16:02:33

## trend of normalized read-noise & temperatures

