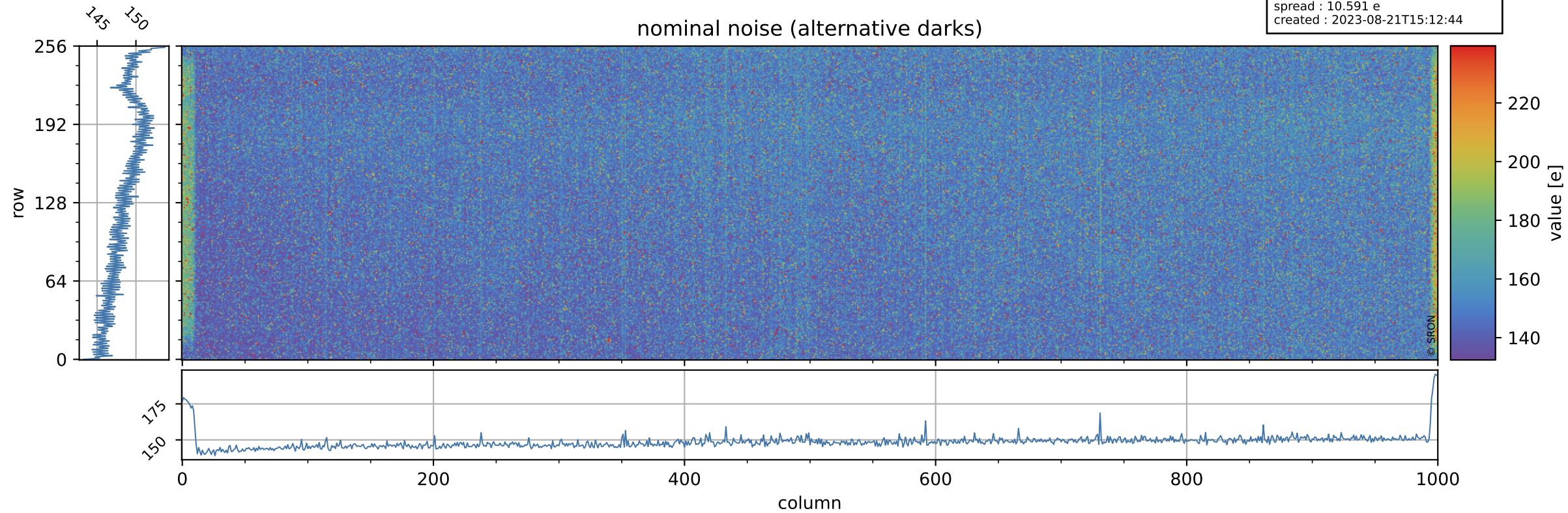


# Tropomi SWIR background noise (swir)

orbits : 12 in [10432, 10522]  
coverage : 2019-10-19 / 2019-10-24  
n\_coad, t\_exp : 1, 1.0783  
median : 148.42 e  
spread : 10.591 e  
created : 2023-08-21T15:12:44

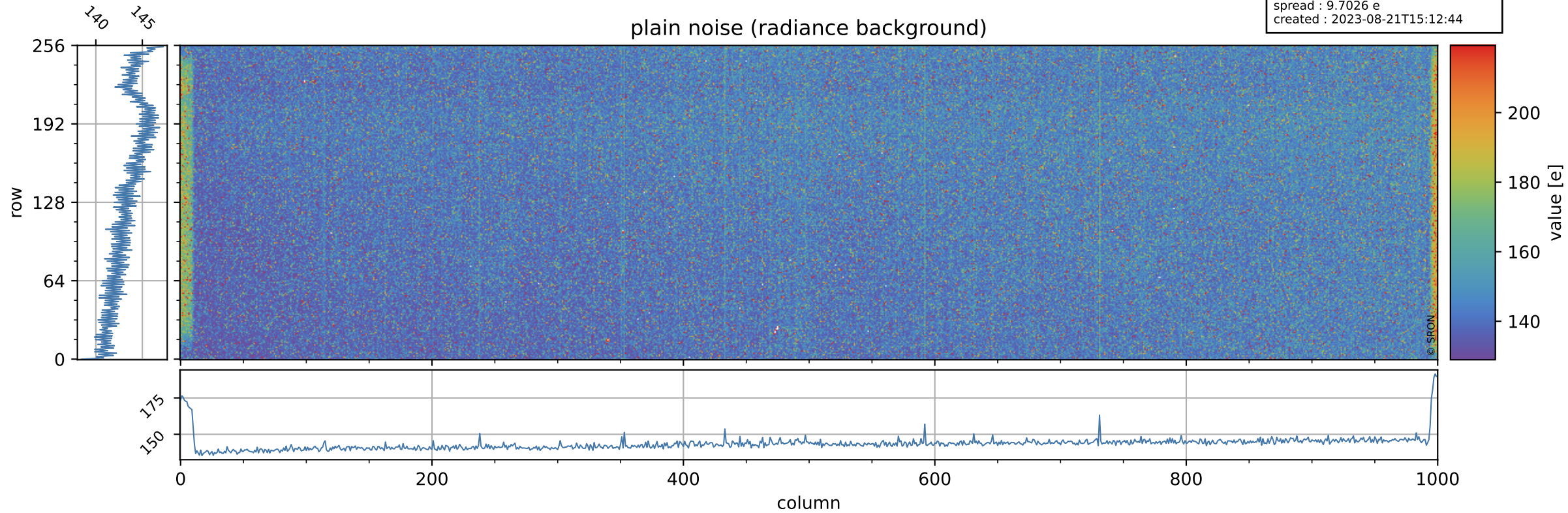
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10432, 10522]  
coverage : 2019-10-19 / 2019-10-24  
n\_coad, t\_exp : 1, 0.8383  
median : 143.31 e  
spread : 9.7026 e  
created : 2023-08-21T15:12:44

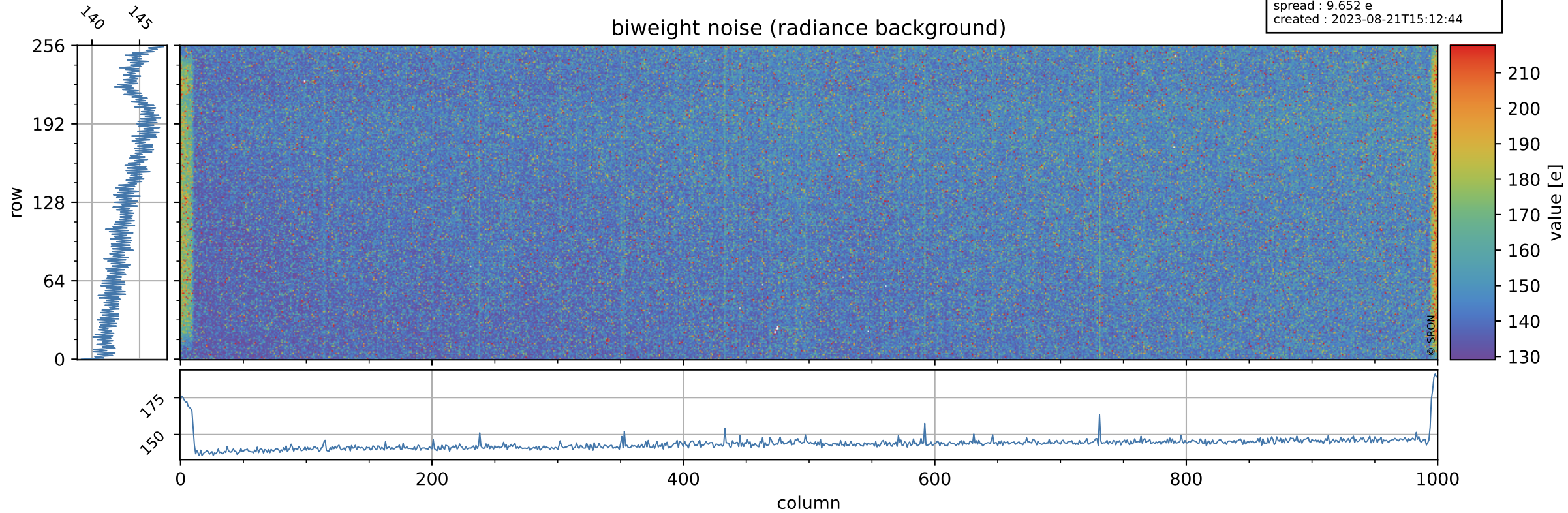
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10432, 10522]  
coverage : 2019-10-19 / 2019-10-24  
n\_coad, t\_exp : 1, 0.8383  
median : 143.65 e  
spread : 9.652 e  
created : 2023-08-21T15:12:44

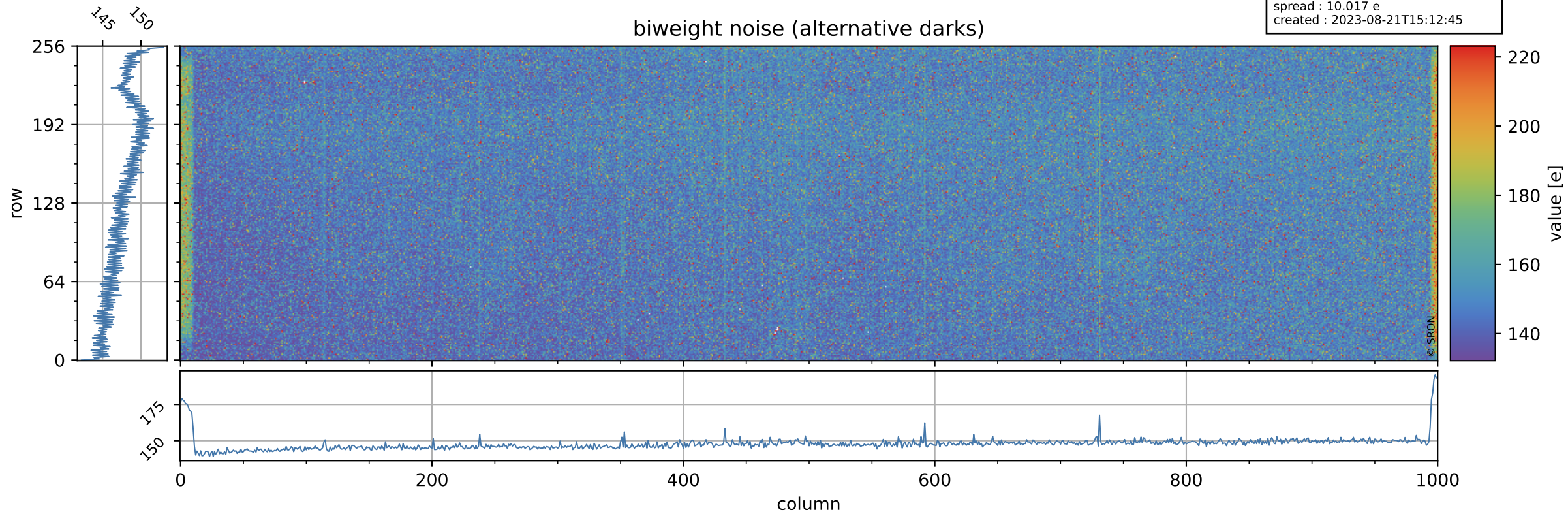
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10432, 10522]  
coverage : 2019-10-19 / 2019-10-24  
n\_coad, t\_exp : 1, 1.0783  
median : 147.58 e  
spread : 10.017 e  
created : 2023-08-21T15:12:45

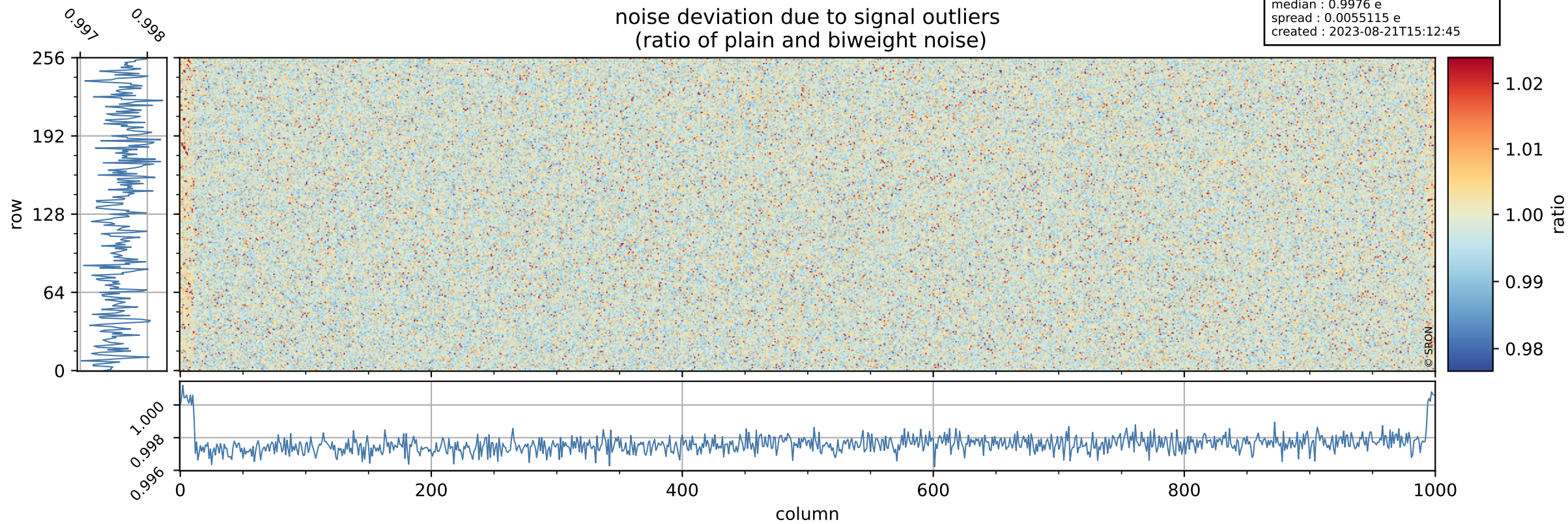
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

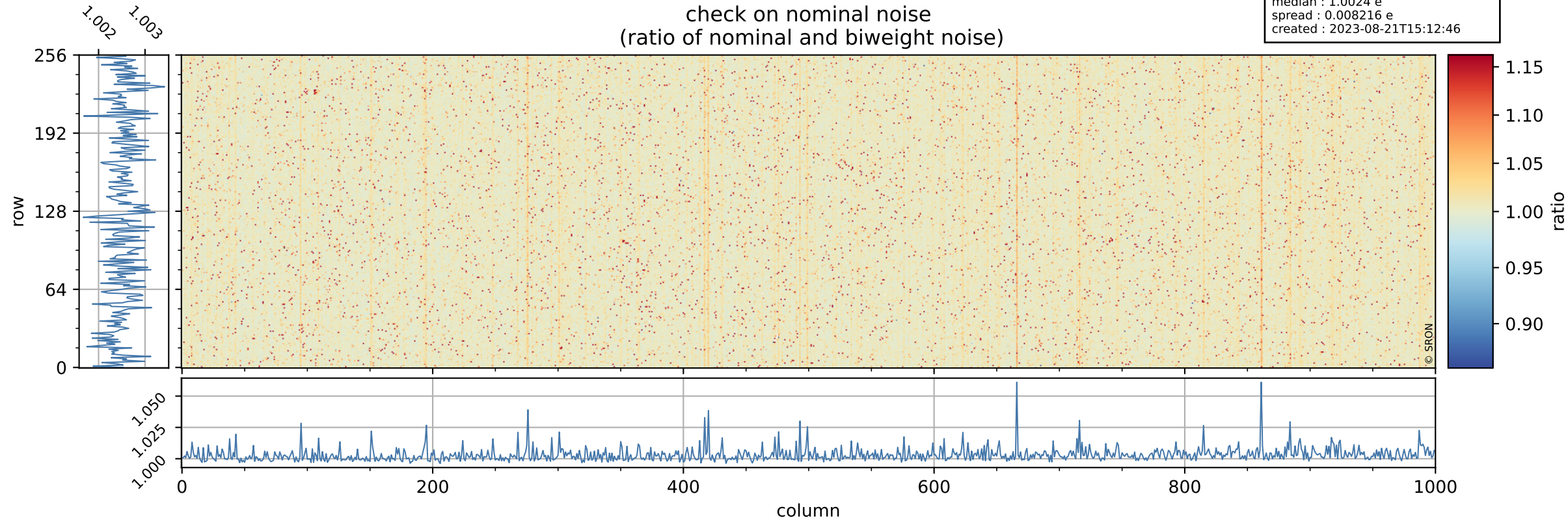
orbits : 12 in [10432, 10522]  
coverage : 2019-10-19 / 2019-10-24  
median : 0.9976 e  
spread : 0.0055115 e  
created : 2023-08-21T15:12:45



# Tropomi SWIR background noise (swir)

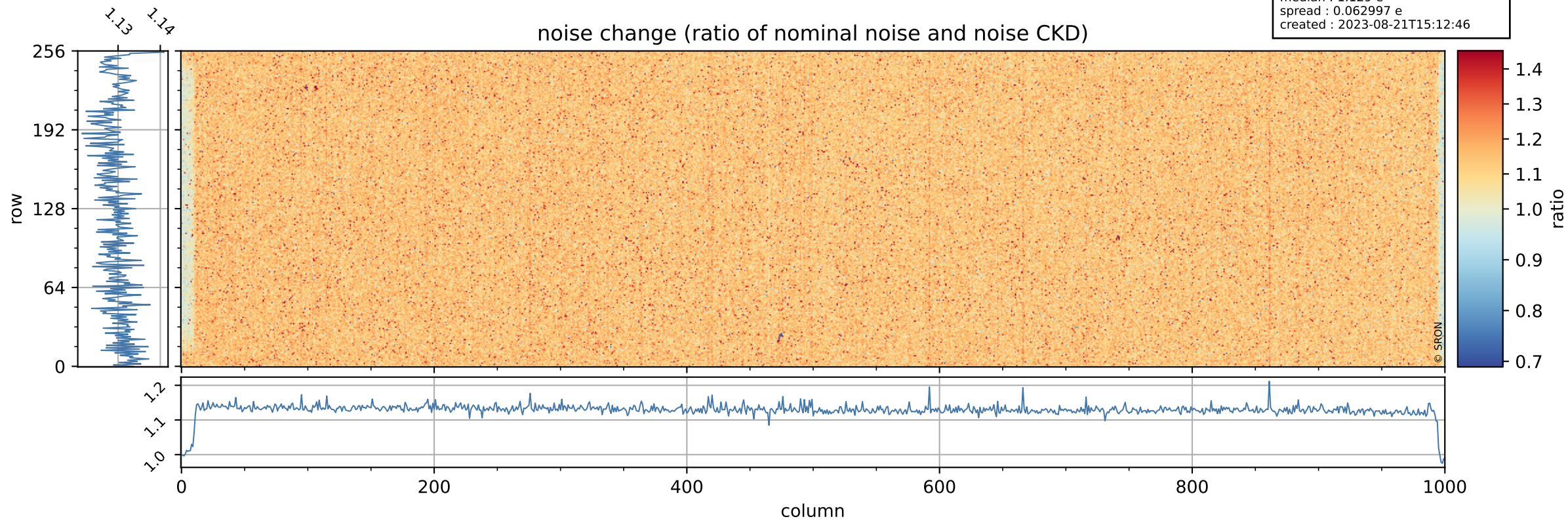
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [10432, 10522]  
coverage : 2019-10-19 / 2019-10-24  
median : 1.0024 e  
spread : 0.008216 e  
created : 2023-08-21T15:12:46



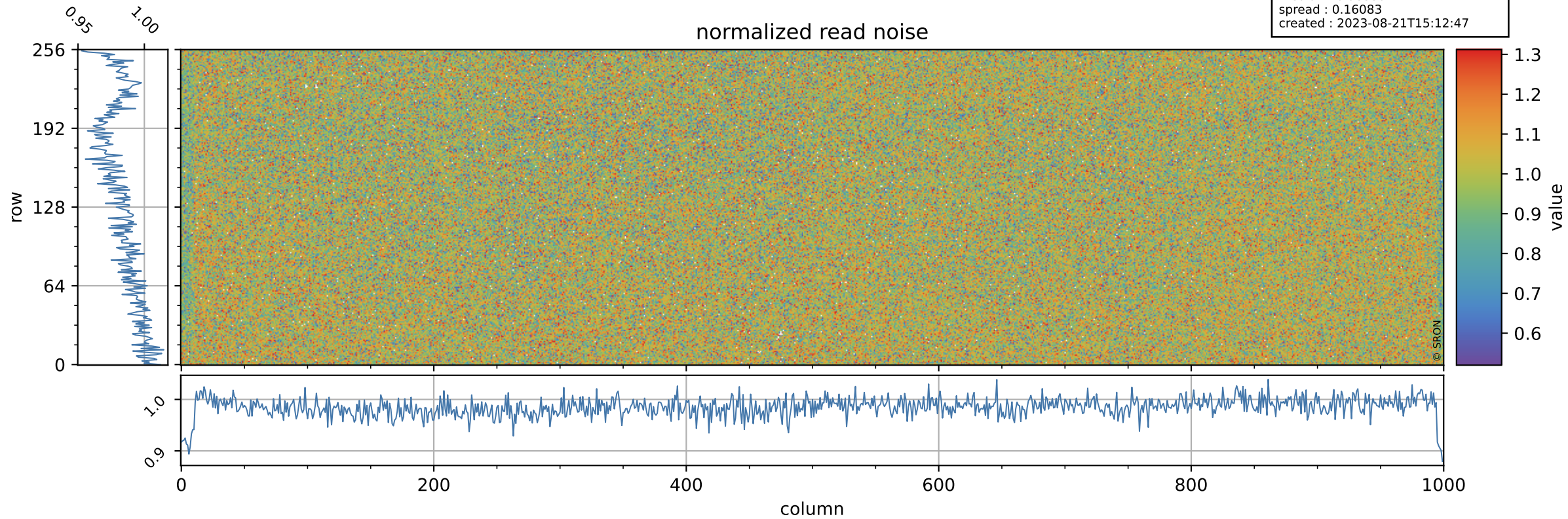
# Tropomi SWIR background noise (swir)

orbits : 12 in [10432, 10522]  
coverage : 2019-10-19 / 2019-10-24  
median : 1.129 e  
spread : 0.062997 e  
created : 2023-08-21T15:12:46



# Tropomi SWIR background noise (swir)

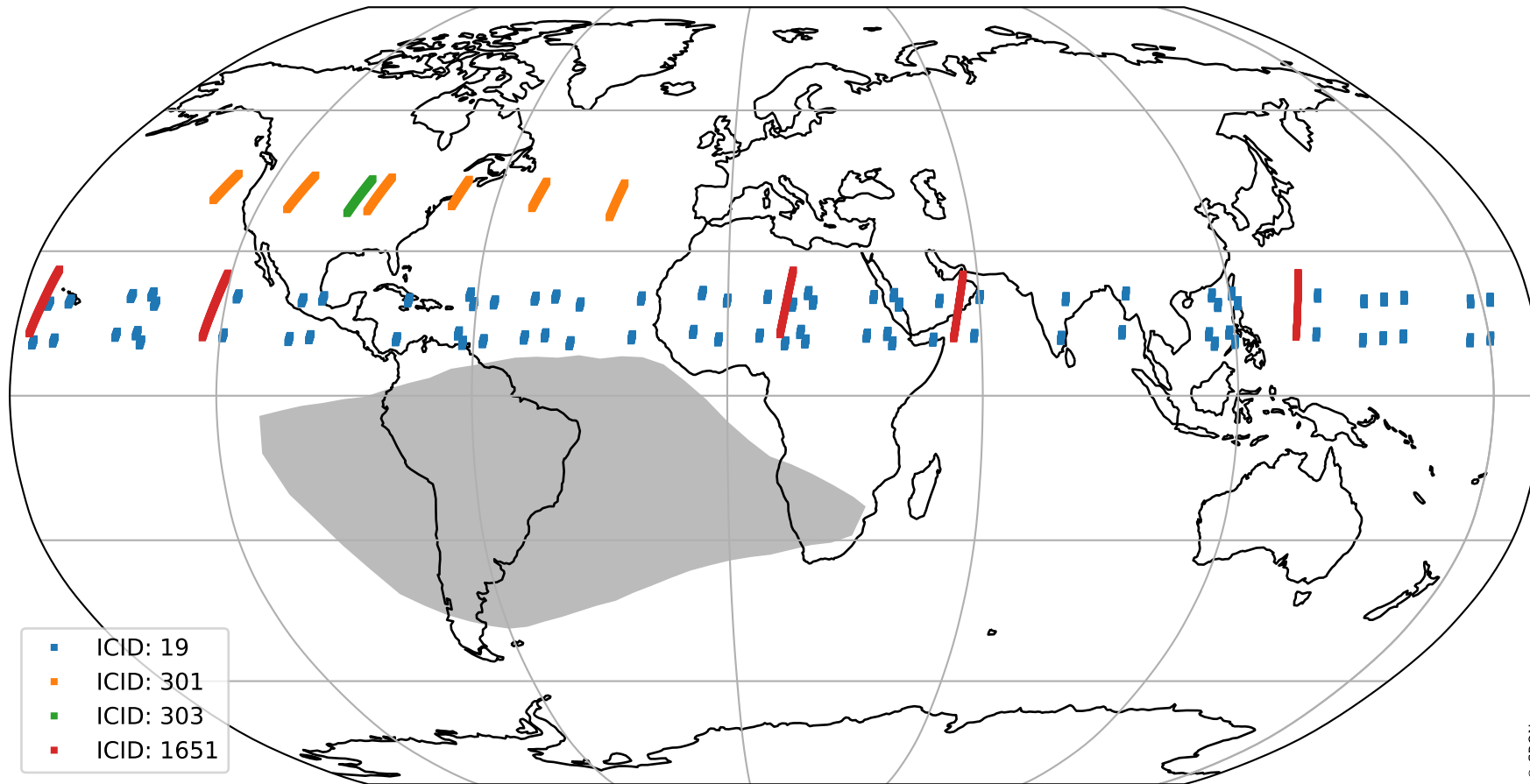
orbits : 12 in [10432, 10522]  
coverage : 2019-10-19 / 2019-10-24  
median : 0.98359  
spread : 0.16083  
created : 2023-08-21T15:12:47





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

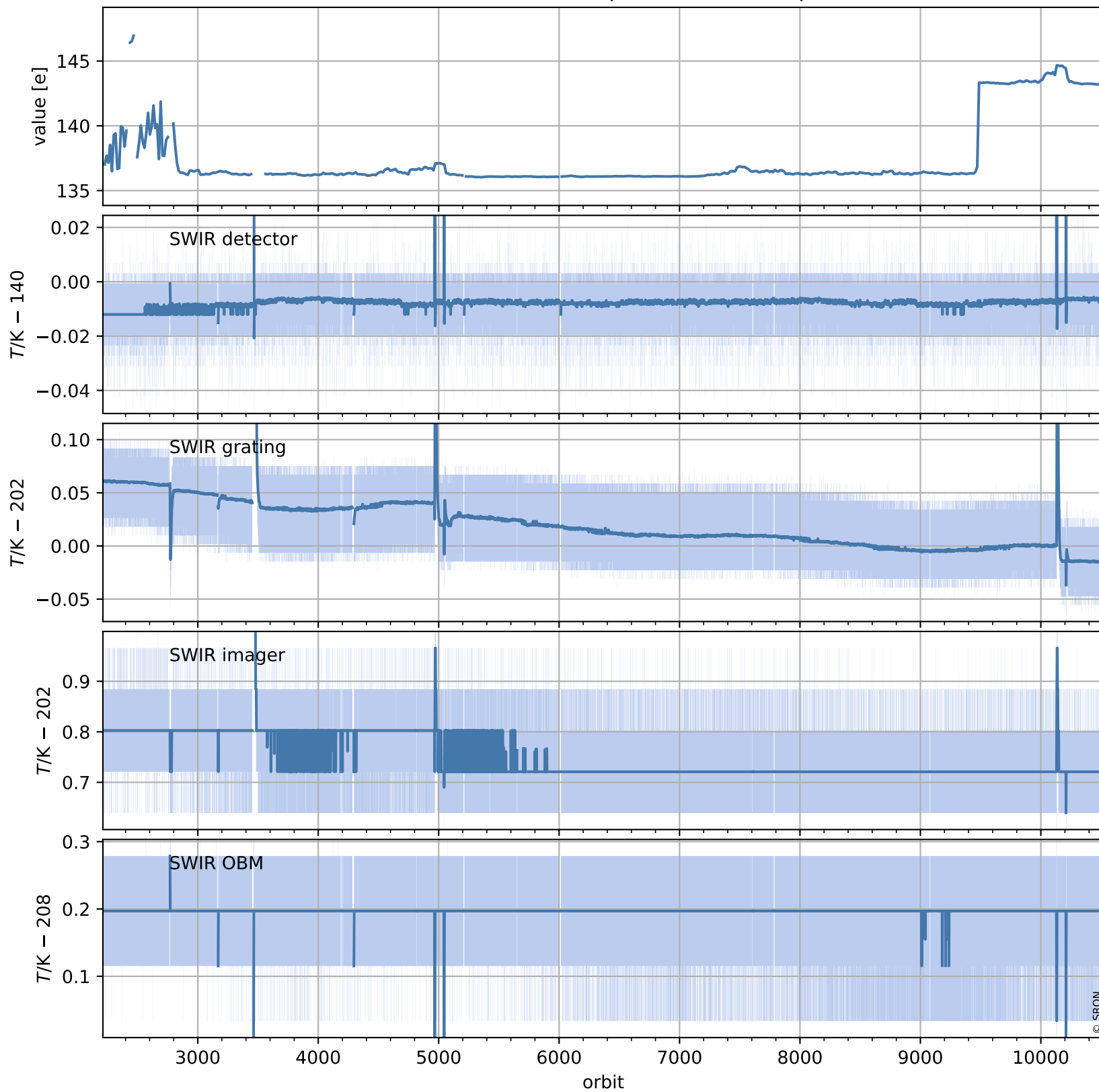
orbits : 12 in [10432, 10522]  
coverage : 2019-10-19 / 2019-10-24  
created : 2023-08-21T15:12:47



# Tropomi SWIR background noise (swir)

orbits : [2212, 10522]  
coverage : 2018-03-18 / 2019-10-24  
created : 2023-08-21T15:12:48

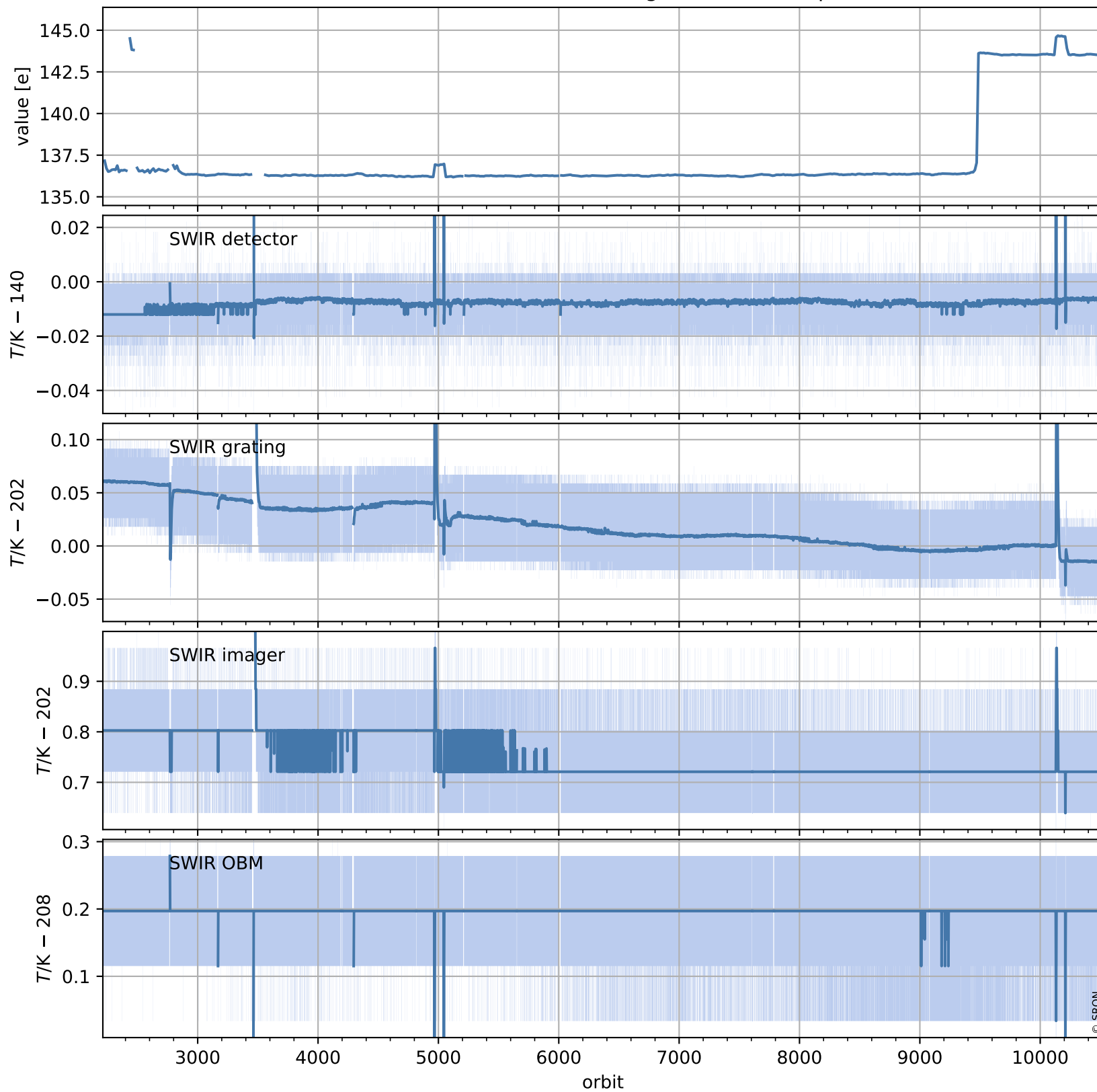
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10522]  
coverage : 2018-03-18 / 2019-10-24  
created : 2023-08-21T15:12:49

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10522]  
coverage : 2018-03-18 / 2019-10-24  
created : 2023-08-21T15:12:50

## trend of normalized read-noise & temperatures

