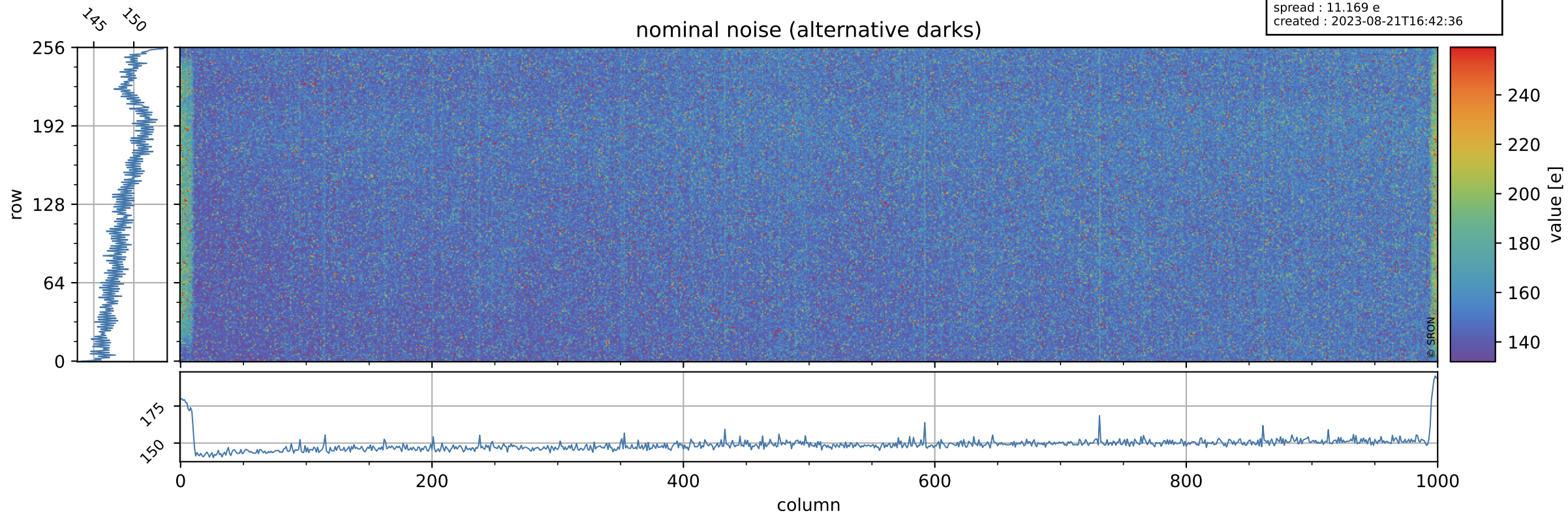


# Tropomi SWIR background noise (swir)

orbits : 11 in [25312, 25387]  
coverage : 2022-08-31 / 2022-09-06  
n\_coad, t\_exp : 1, 1.0783  
median : 148.78 e  
spread : 11.169 e  
created : 2023-08-21T16:42:36

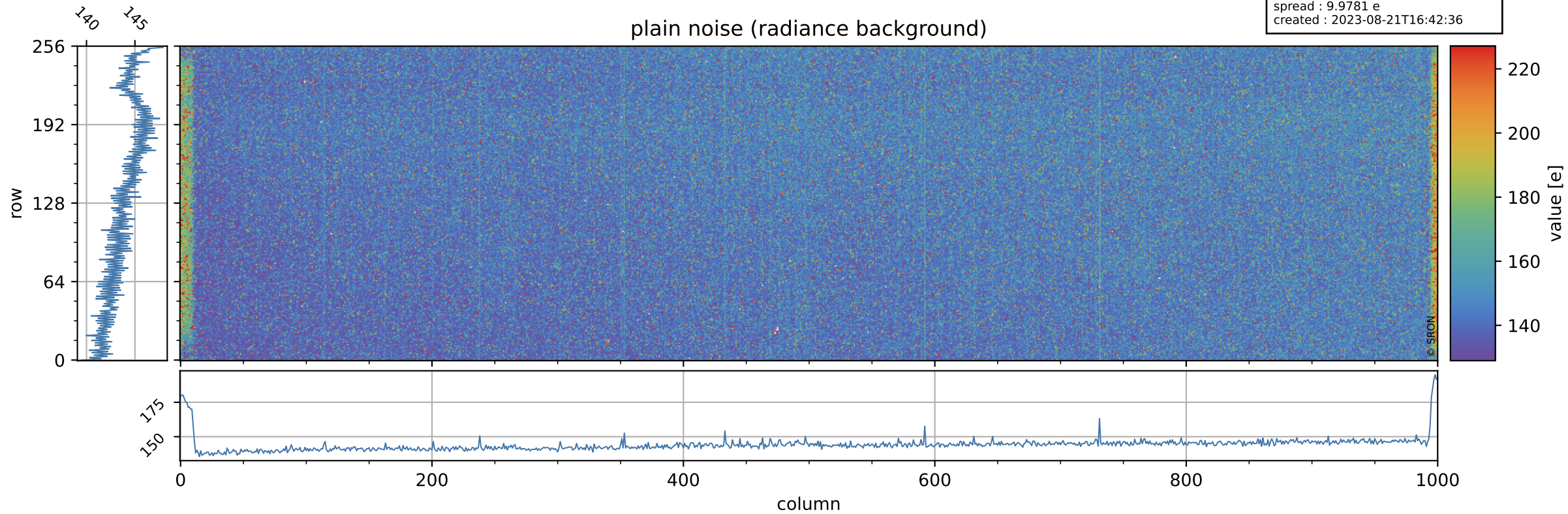
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 11 in [25312, 25387]  
coverage : 2022-08-31 / 2022-09-06  
n\_coad, t\_exp : 1, 0.8383  
median : 143.82 e  
spread : 9.9781 e  
created : 2023-08-21T16:42:36

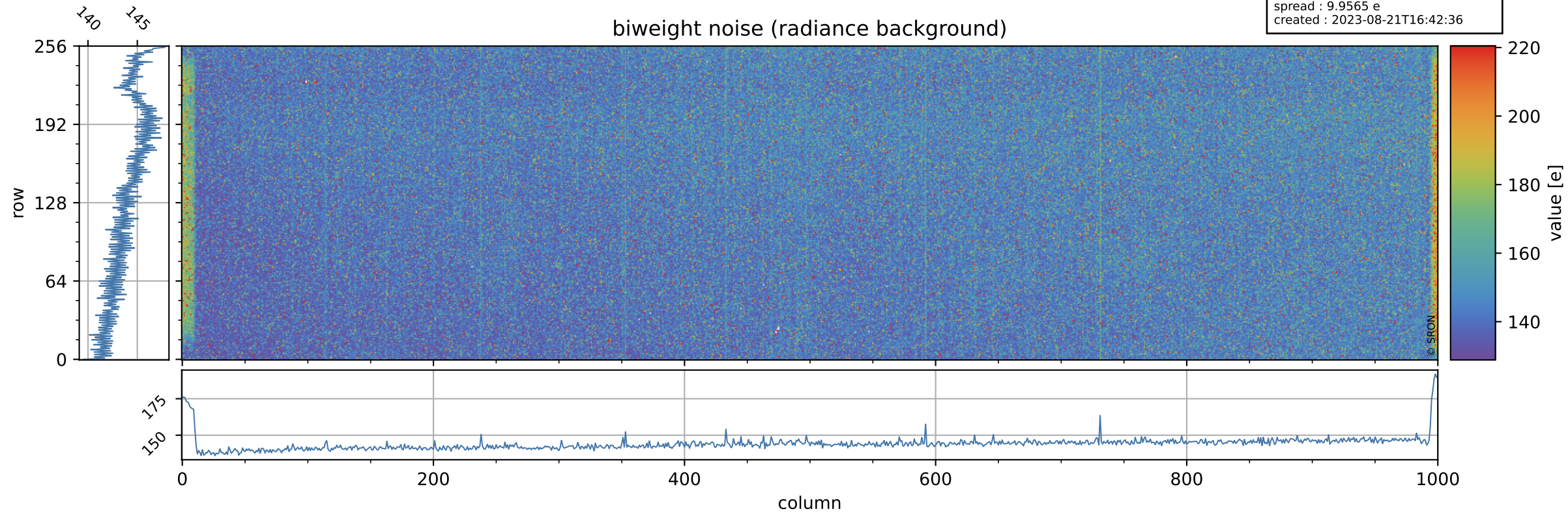
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [25312, 25387]  
coverage : 2022-08-31 / 2022-09-06  
n\_coad, t\_exp : 1, 0.8383  
median : 143.88 e  
spread : 9.9565 e  
created : 2023-08-21T16:42:36

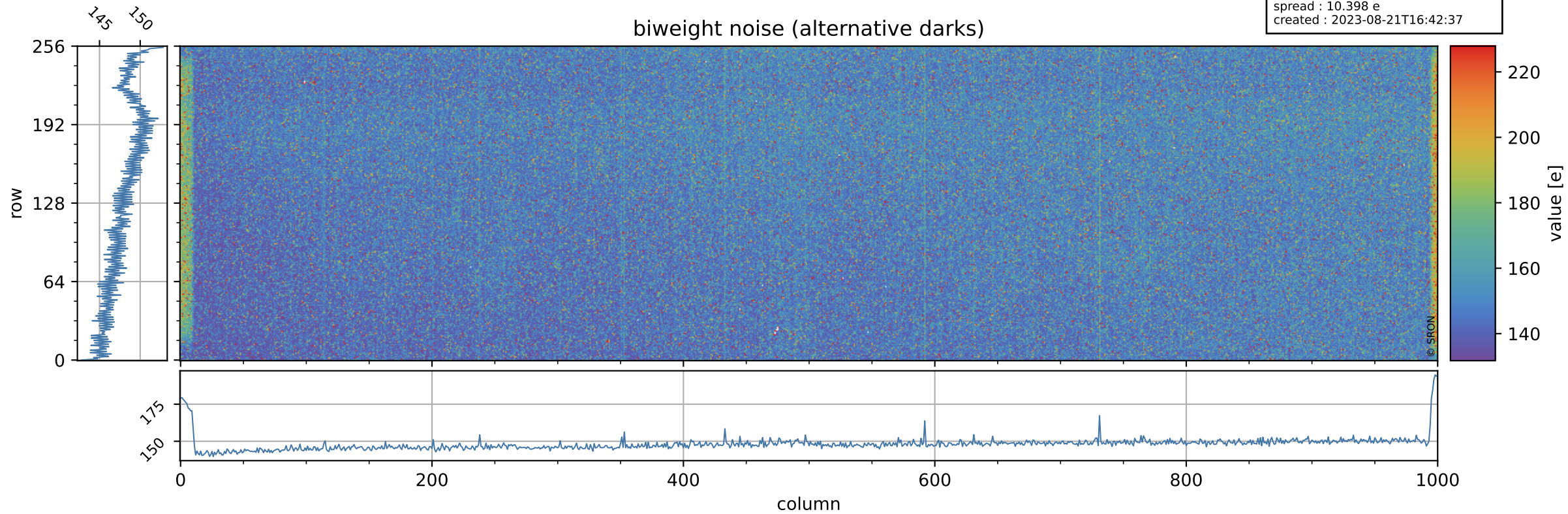
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [25312, 25387]  
coverage : 2022-08-31 / 2022-09-06  
n\_coad, t\_exp : 1, 1.0783  
median : 147.88 e  
spread : 10.398 e  
created : 2023-08-21T16:42:37

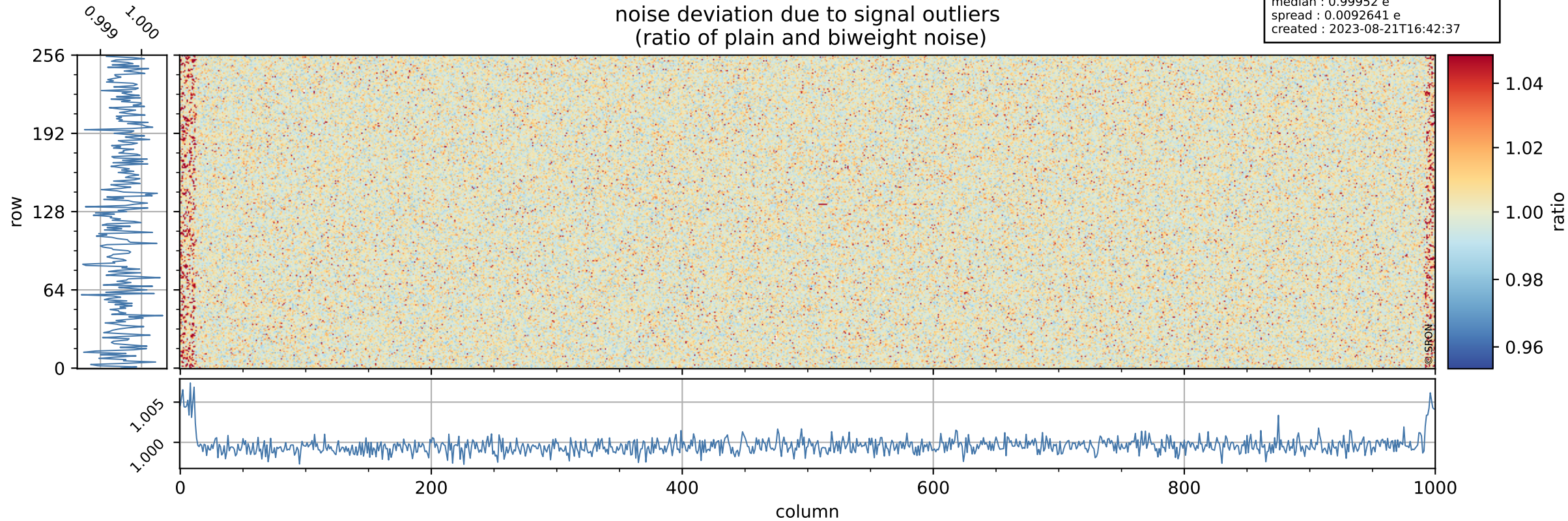
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

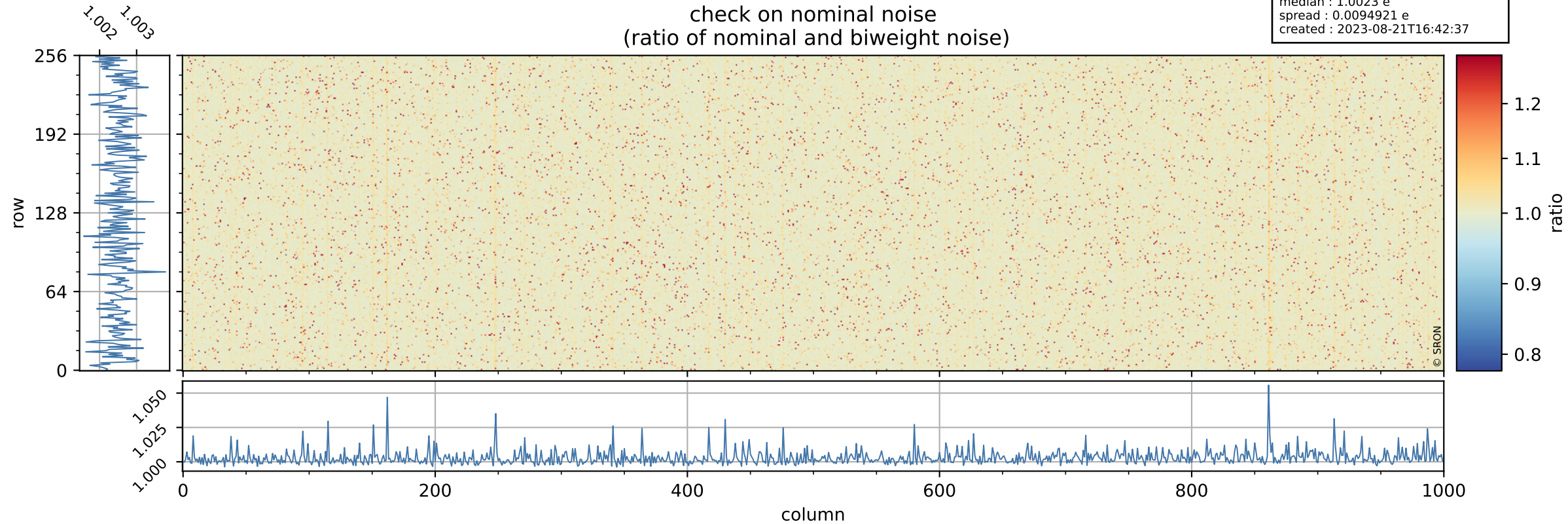
orbits : 11 in [25312, 25387]  
coverage : 2022-08-31 / 2022-09-06  
median : 0.99952 e  
spread : 0.0092641 e  
created : 2023-08-21T16:42:37



# Tropomi SWIR background noise (swir)

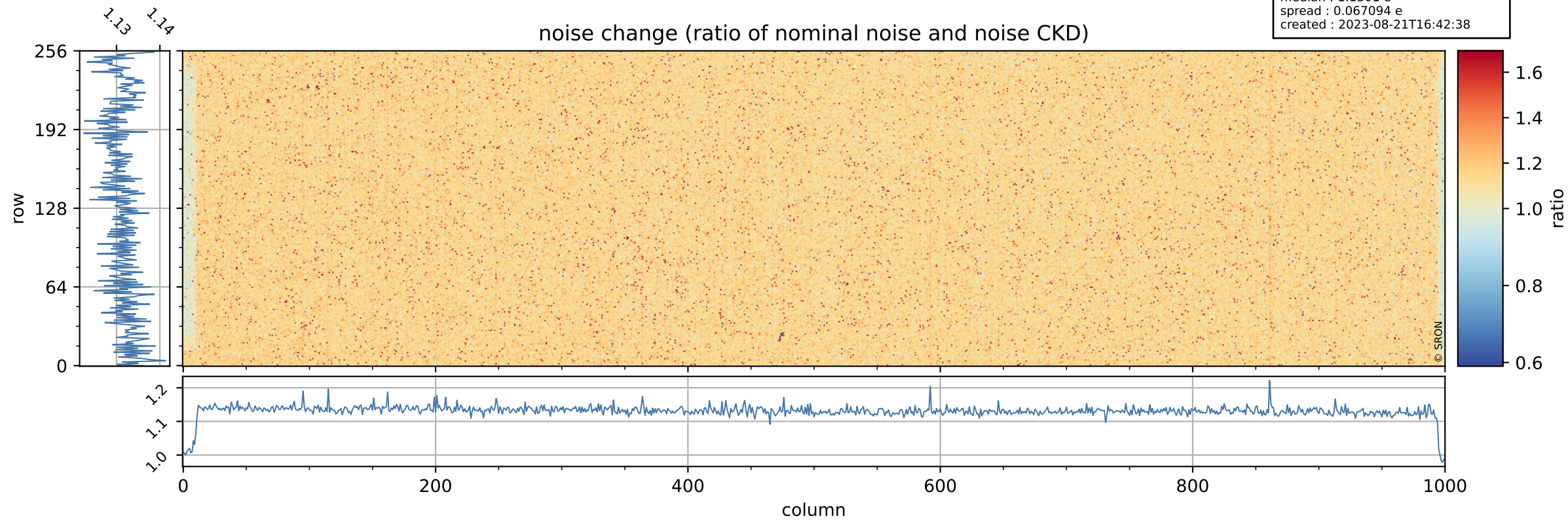
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 11 in [25312, 25387]  
coverage : 2022-08-31 / 2022-09-06  
median : 1.0023 e  
spread : 0.0094921 e  
created : 2023-08-21T16:42:37



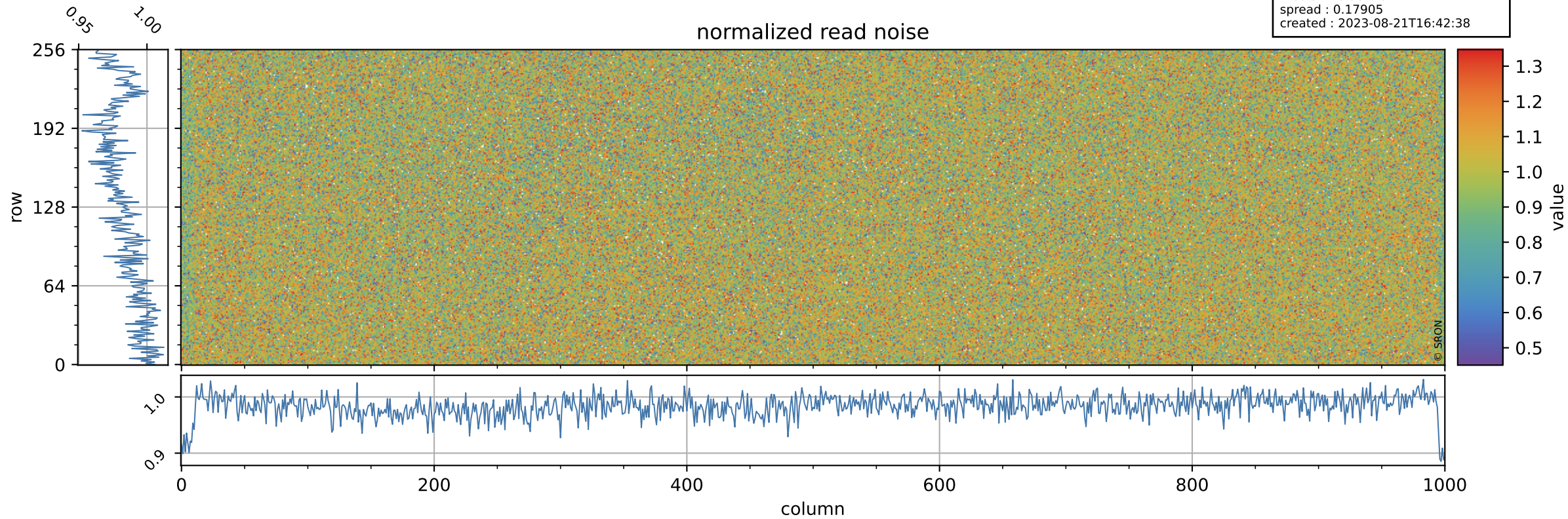
# Tropomi SWIR background noise (swir)

orbits : 11 in [25312, 25387]  
coverage : 2022-08-31 / 2022-09-06  
median : 1.1301 e  
spread : 0.067094 e  
created : 2023-08-21T16:42:38



# Tropomi SWIR background noise (swir)

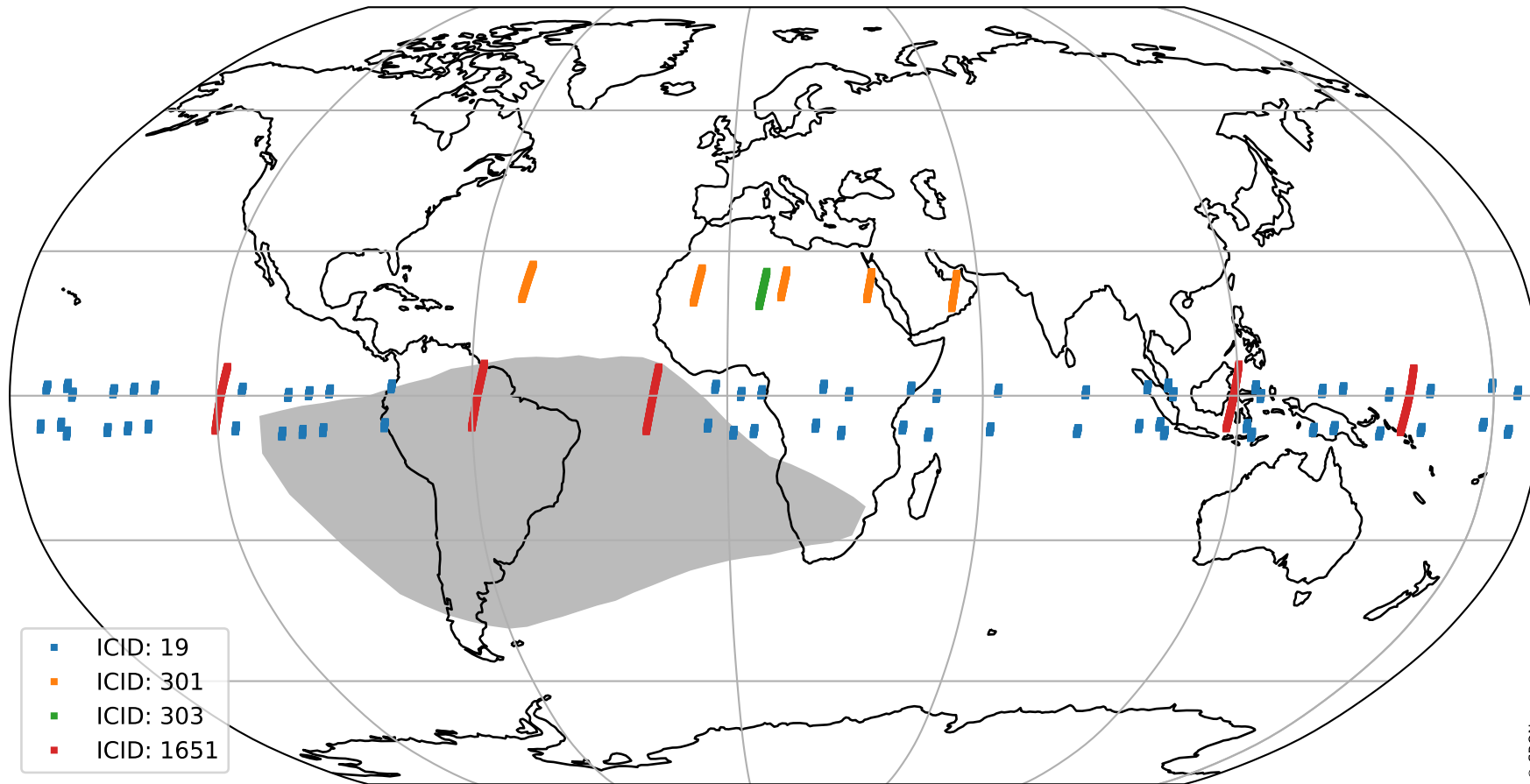
orbits : 11 in [25312, 25387]  
coverage : 2022-08-31 / 2022-09-06  
median : 0.98218  
spread : 0.17905  
created : 2023-08-21T16:42:38





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

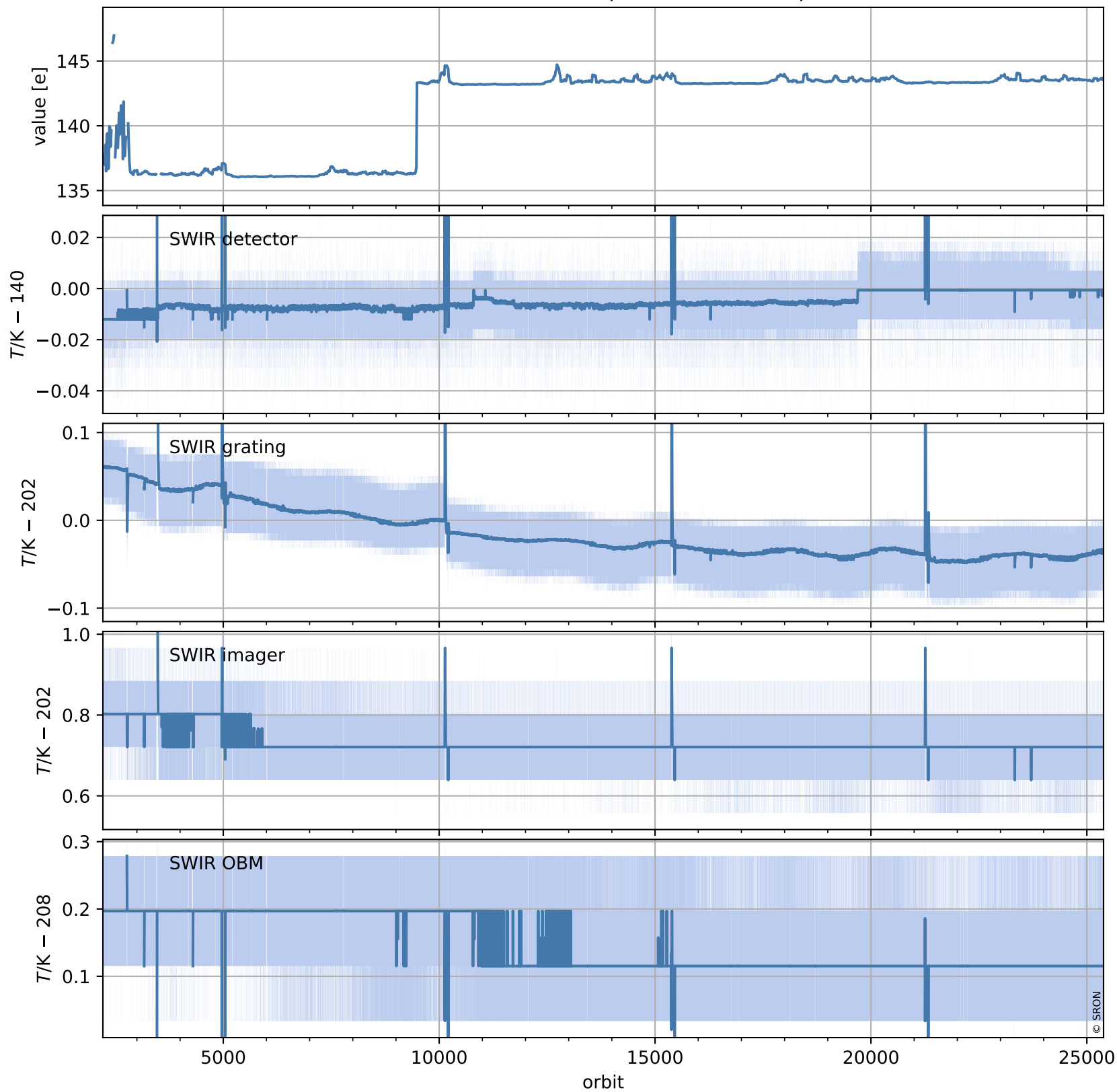
orbits : 11 in [25312, 25387]  
coverage : 2022-08-31 / 2022-09-06  
created : 2023-08-21T16:42:38



# Tropomi SWIR background noise (swir)

orbits : [2212, 25387]  
coverage : 2018-03-18 / 2022-09-06  
created : 2023-08-21T16:42:38

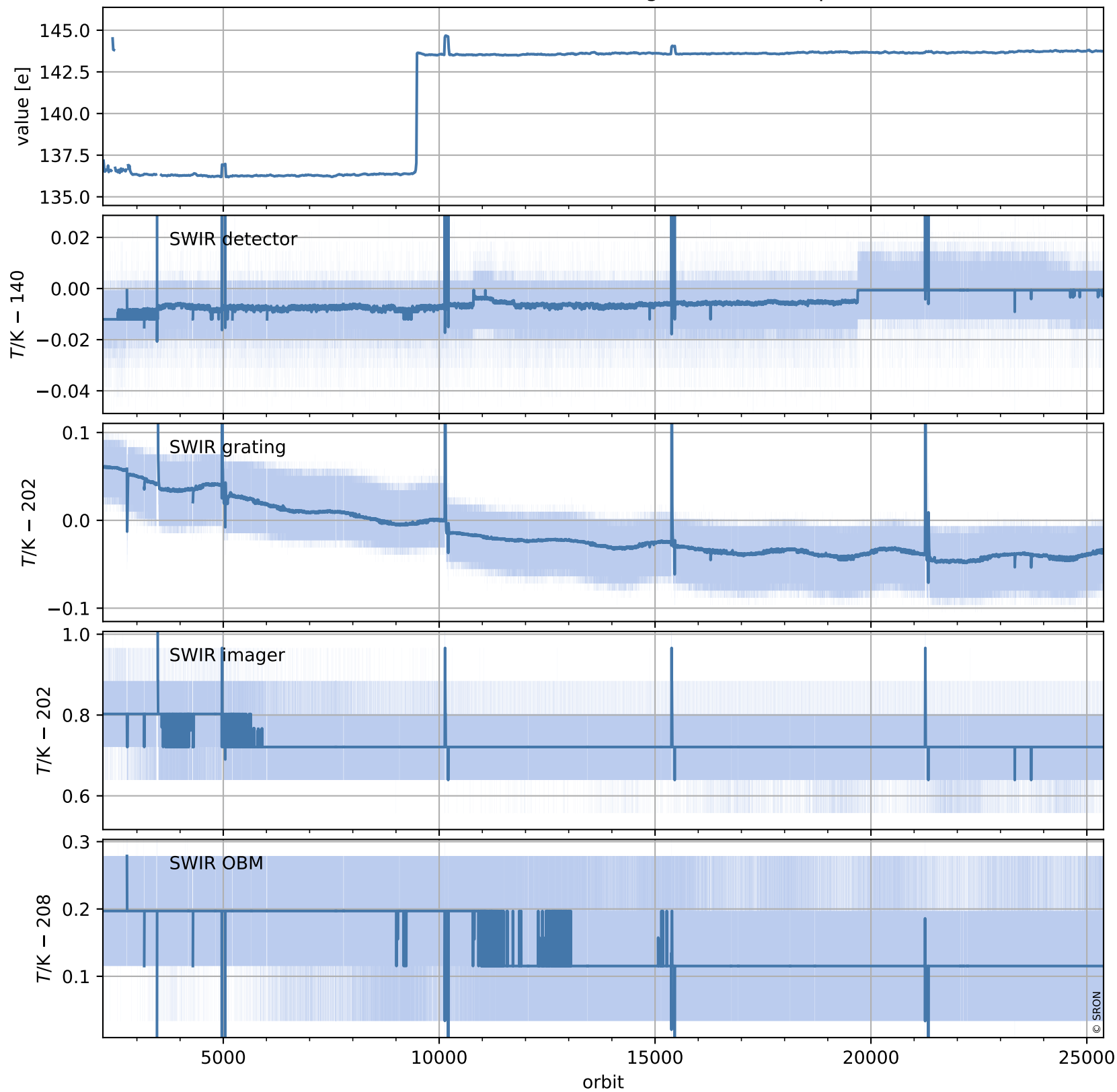
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25387]  
coverage : 2018-03-18 / 2022-09-06  
created : 2023-08-21T16:42:39

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25387]  
coverage : 2018-03-18 / 2022-09-06  
created : 2023-08-21T16:42:40

## trend of normalized read-noise & temperatures

