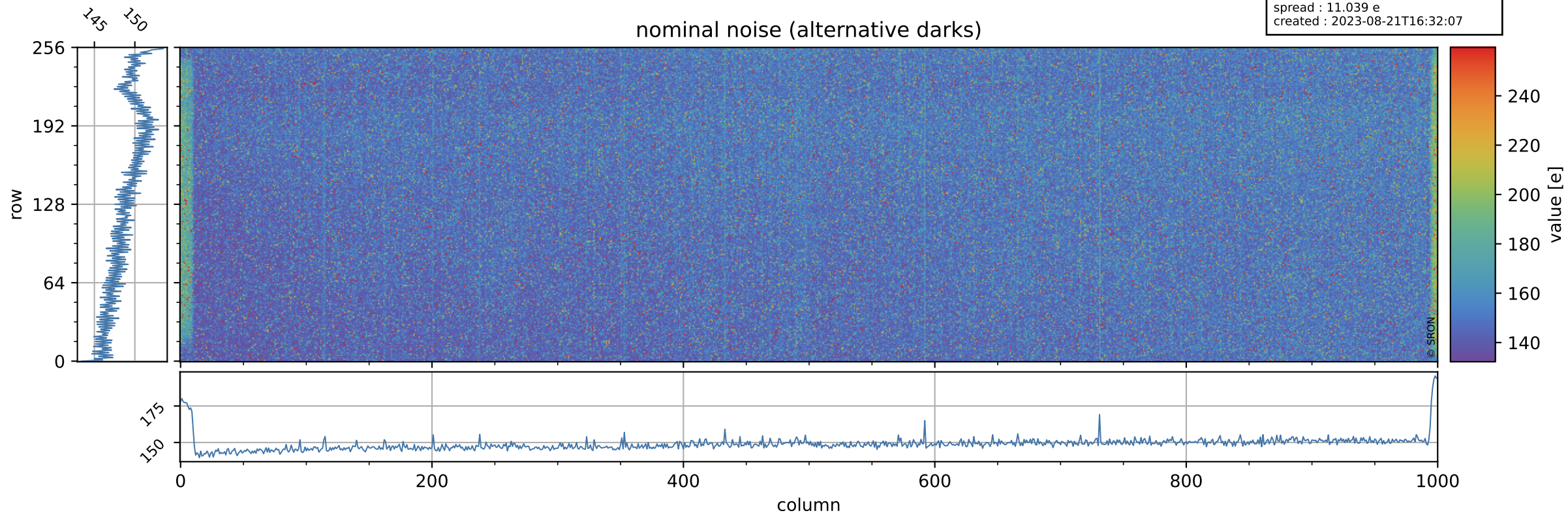


# Tropomi SWIR background noise (swir)

orbits : 12 in [23632, 23722]  
coverage : 2022-05-06 / 2022-05-12  
n\_coad, t\_exp : 1, 1.0783  
median : 148.77 e  
spread : 11.039 e  
created : 2023-08-21T16:32:07

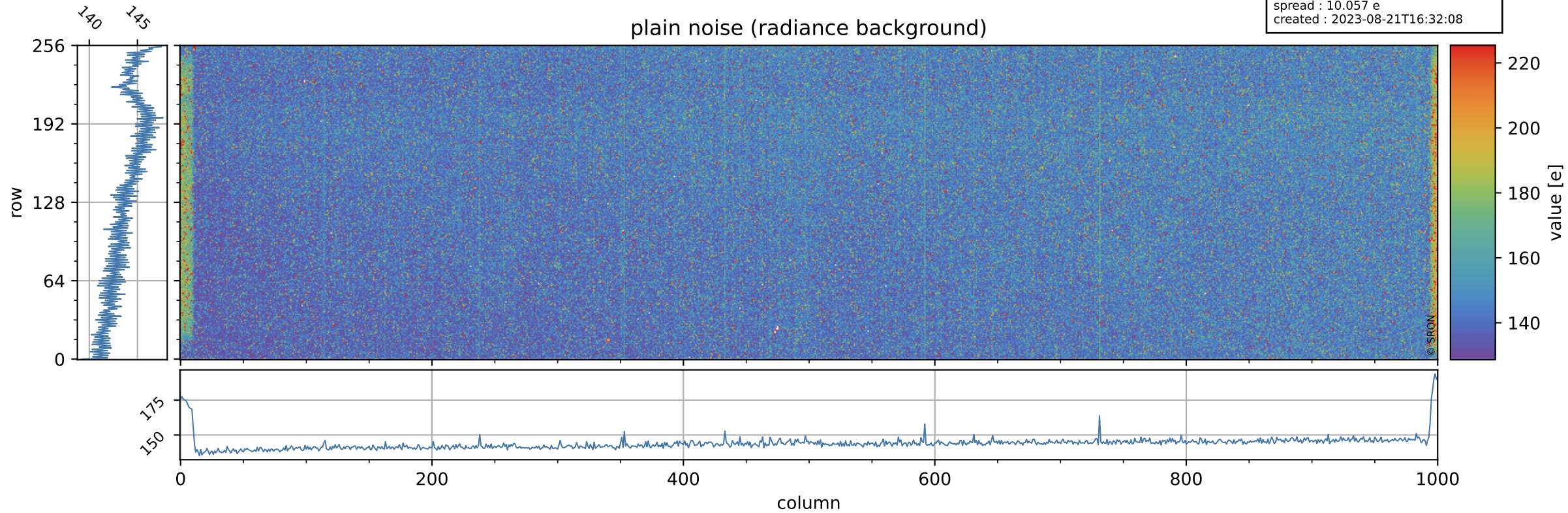
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23632, 23722]  
coverage : 2022-05-06 / 2022-05-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.67 e  
spread : 10.057 e  
created : 2023-08-21T16:32:08

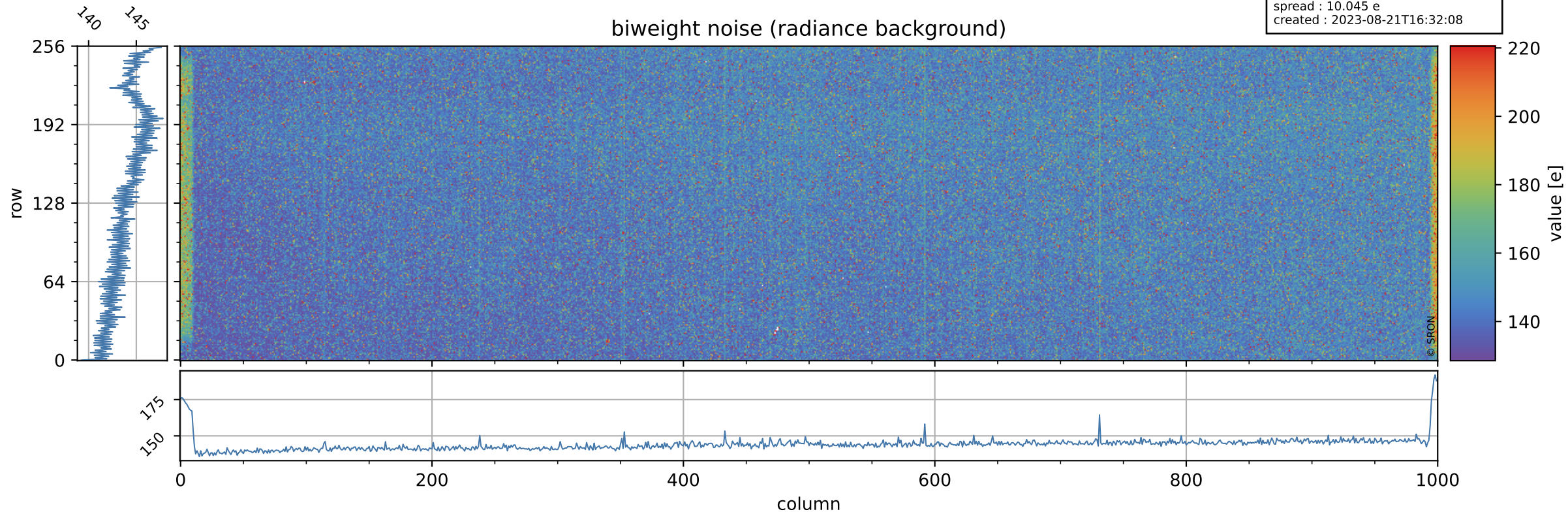
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23632, 23722]  
coverage : 2022-05-06 / 2022-05-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.86 e  
spread : 10.045 e  
created : 2023-08-21T16:32:08

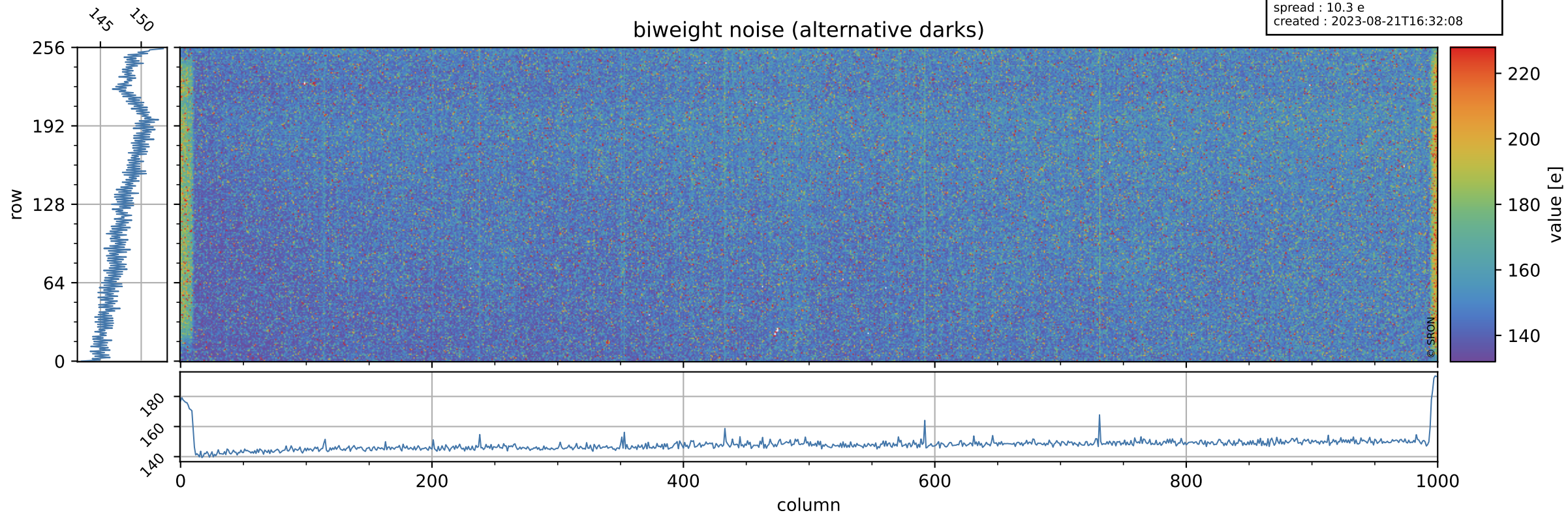
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23632, 23722]  
coverage : 2022-05-06 / 2022-05-12  
n\_coad, t\_exp : 1, 1.0783  
median : 147.81 e  
spread : 10.3 e  
created : 2023-08-21T16:32:08

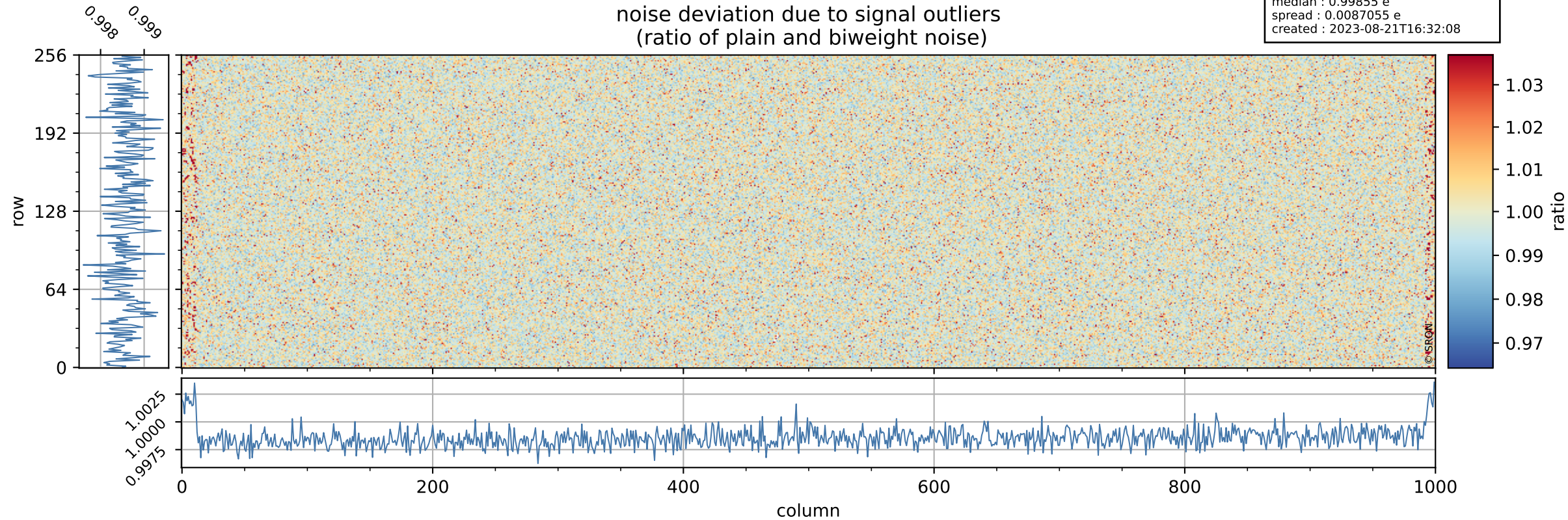
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

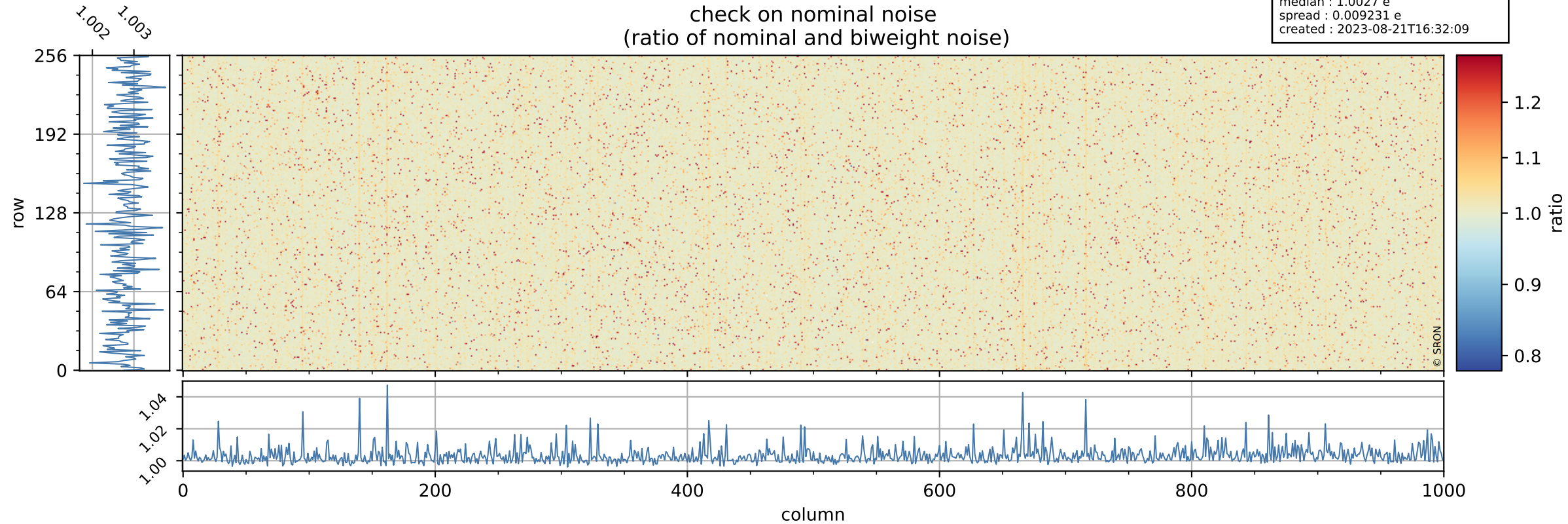
orbits : 12 in [23632, 23722]  
coverage : 2022-05-06 / 2022-05-12  
median : 0.99855 e  
spread : 0.0087055 e  
created : 2023-08-21T16:32:08



# Tropomi SWIR background noise (swir)

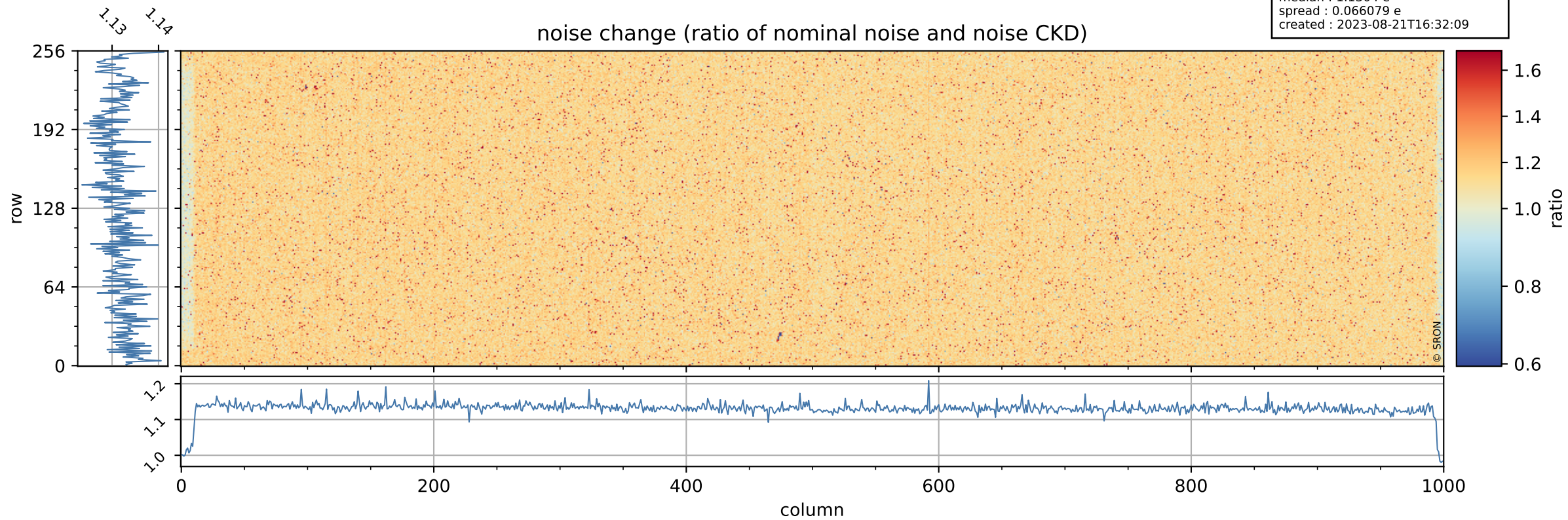
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [23632, 23722]  
coverage : 2022-05-06 / 2022-05-12  
median : 1.0027 e  
spread : 0.009231 e  
created : 2023-08-21T16:32:09



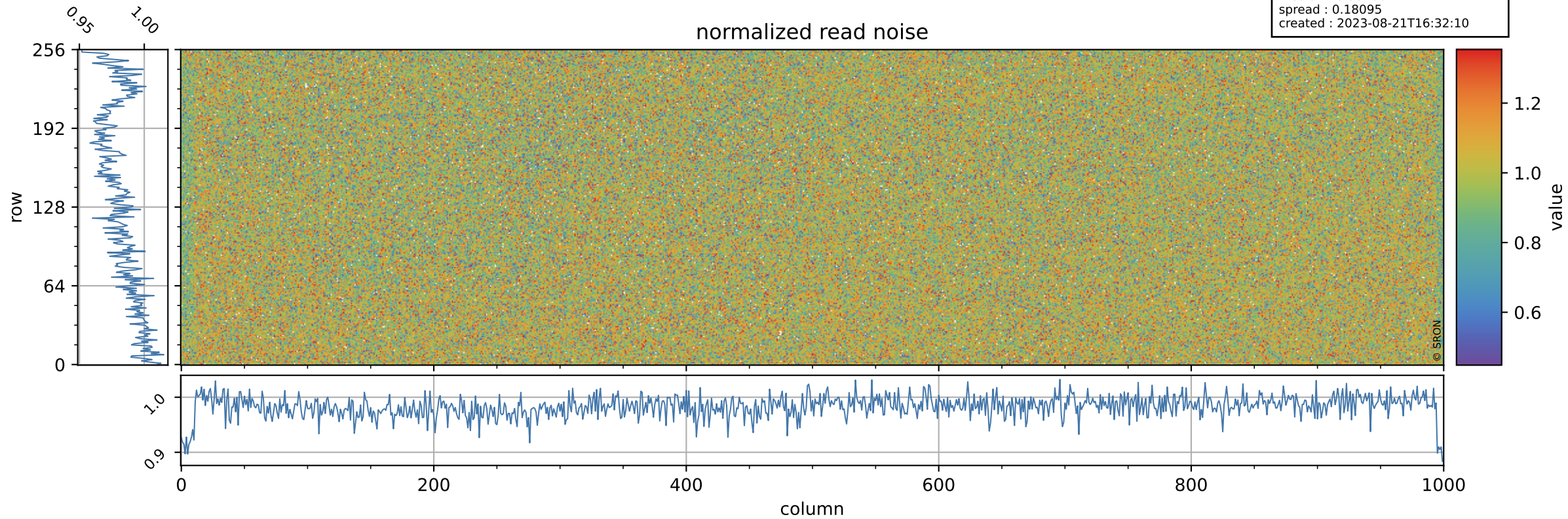
# Tropomi SWIR background noise (swir)

orbits : 12 in [23632, 23722]  
coverage : 2022-05-06 / 2022-05-12  
median : 1.1304 e  
spread : 0.066079 e  
created : 2023-08-21T16:32:09



# Tropomi SWIR background noise (swir)

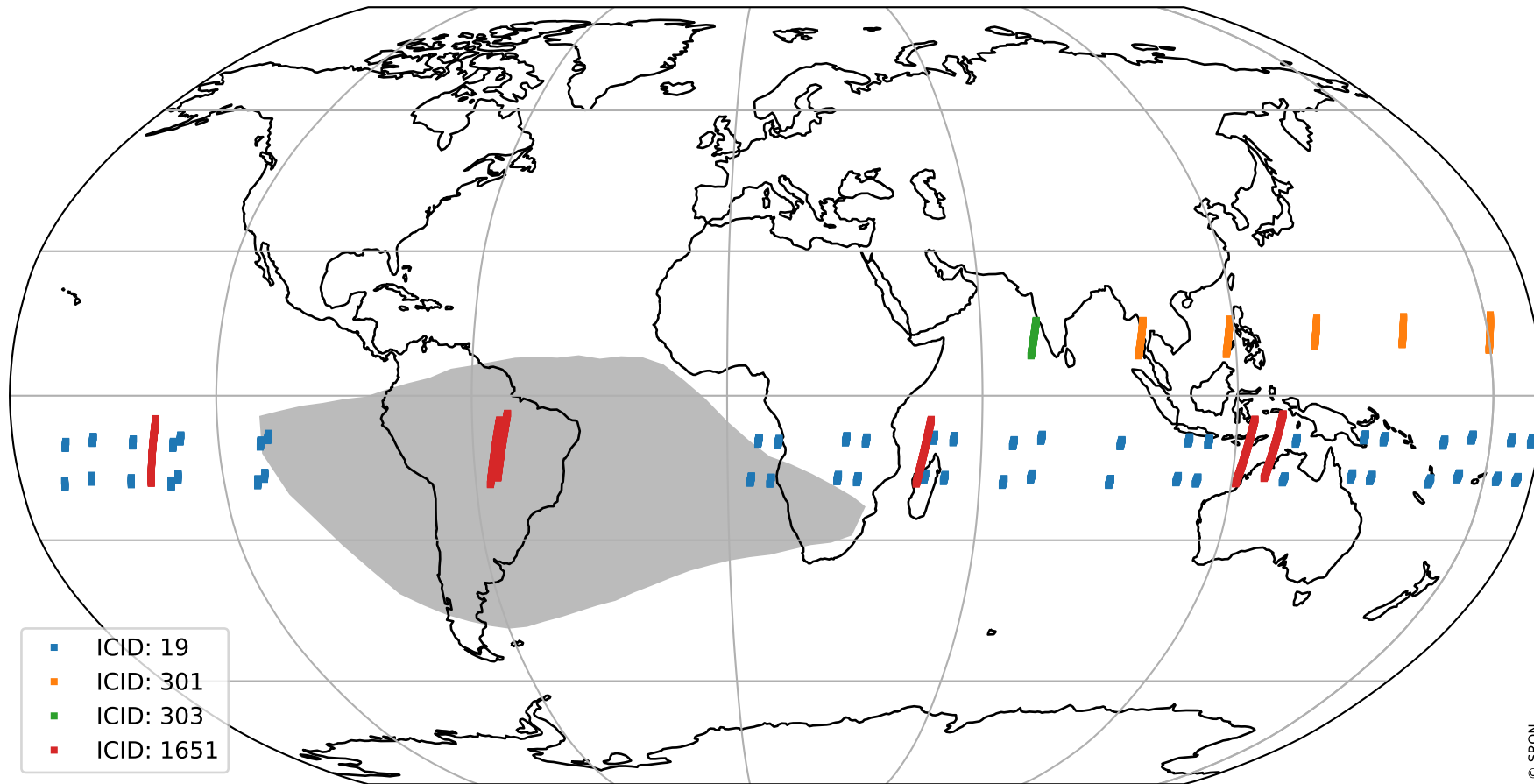
orbits : 12 in [23632, 23722]  
coverage : 2022-05-06 / 2022-05-12  
median : 0.98166  
spread : 0.18095  
created : 2023-08-21T16:32:10





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

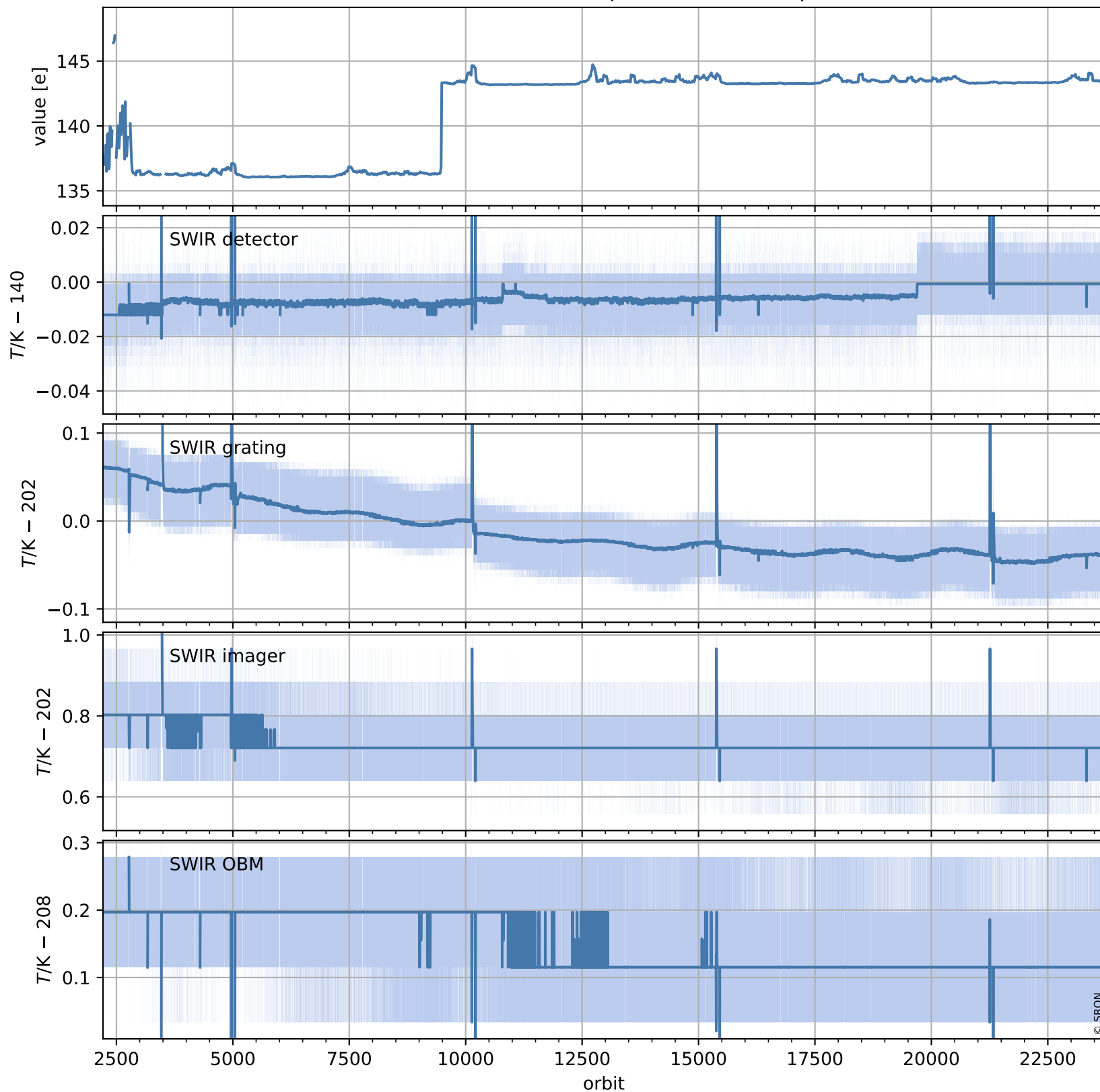
orbits : 12 in [23632, 23722]  
coverage : 2022-05-06 / 2022-05-12  
created : 2023-08-21T16:32:10



# Tropomi SWIR background noise (swir)

orbits : [2212, 23722]  
coverage : 2018-03-18 / 2022-05-12  
created : 2023-08-21T16:32:10

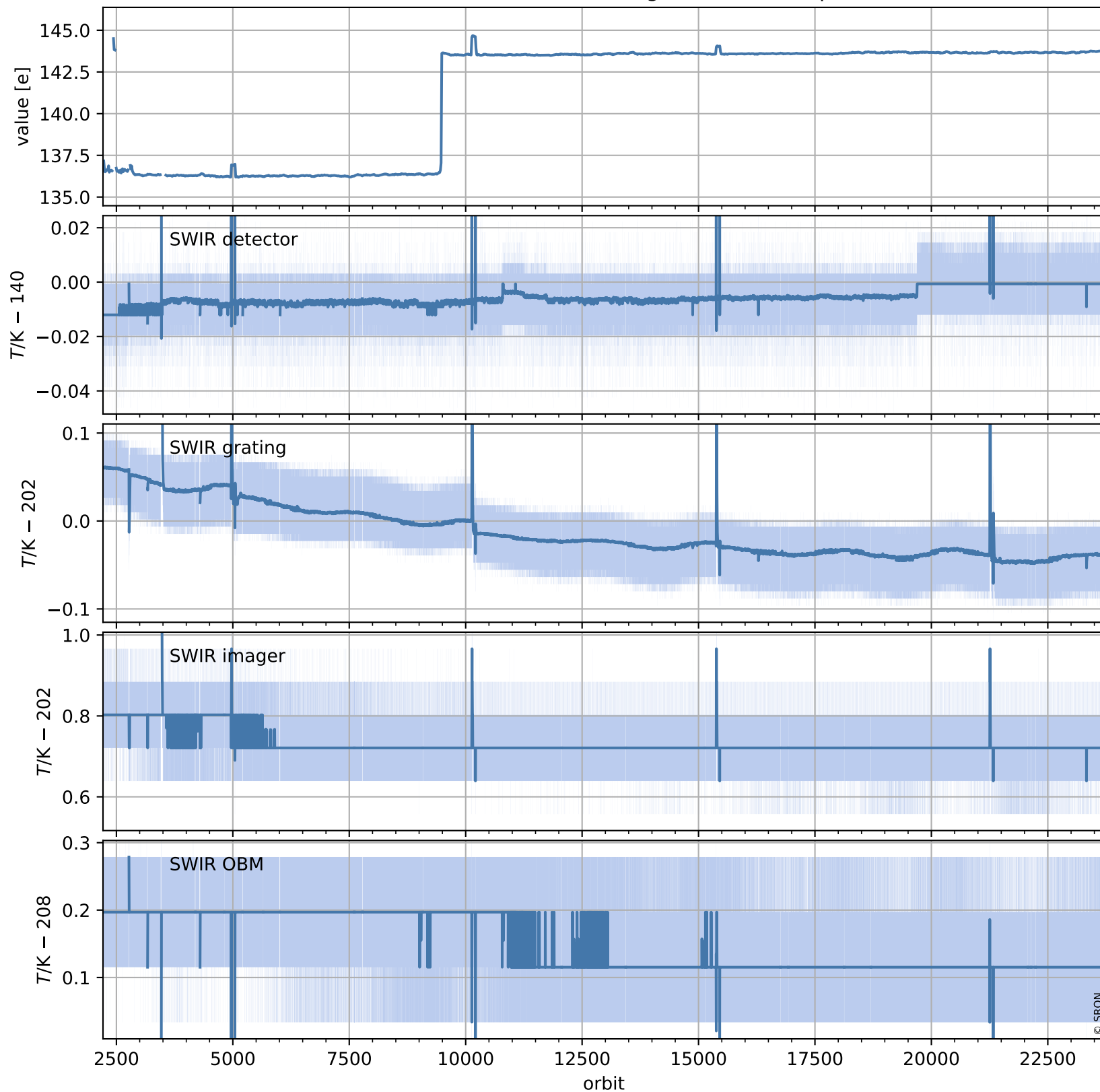
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23722]  
coverage : 2018-03-18 / 2022-05-12  
created : 2023-08-21T16:32:11

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23722]  
coverage : 2018-03-18 / 2022-05-12  
created : 2023-08-21T16:32:12

## trend of normalized read-noise & temperatures

