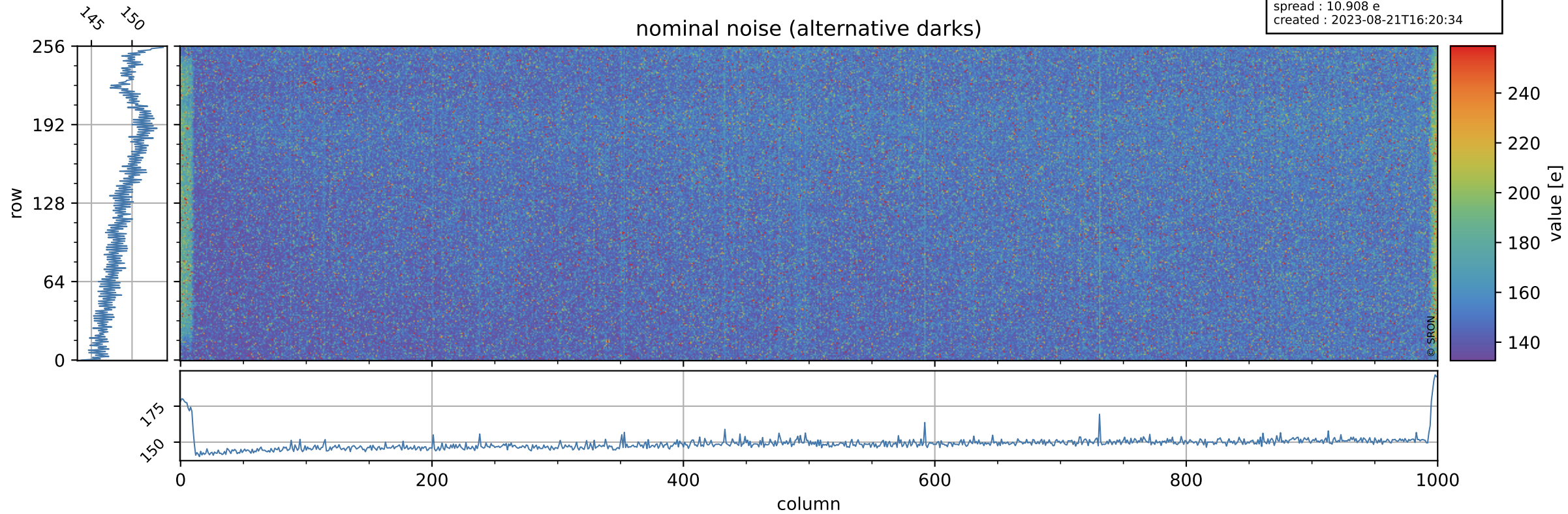


# Tropomi SWIR background noise (swir)

orbits : 12 in [21817, 21907]  
coverage : 2021-12-29 / 2022-01-04  
n\_coad, t\_exp : 1, 1.0783  
median : 148.8 e  
spread : 10.908 e  
created : 2023-08-21T16:20:34

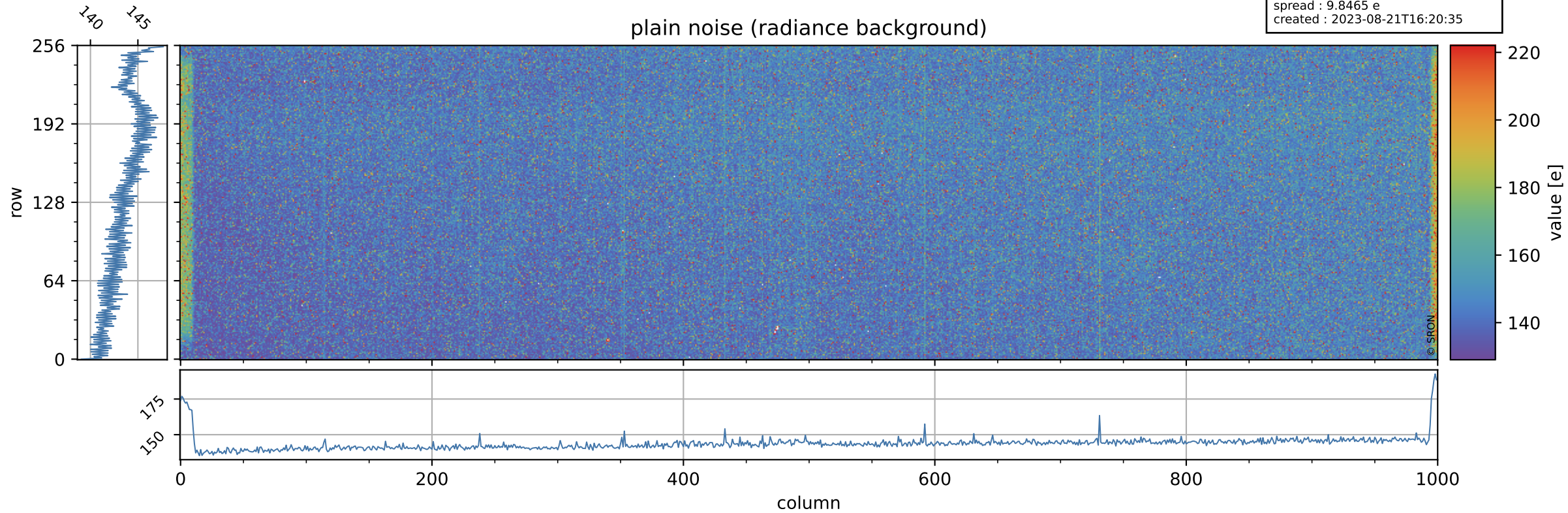
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21817, 21907]  
coverage : 2021-12-29 / 2022-01-04  
n\_coad, t\_exp : 1, 0.8383  
median : 143.5 e  
spread : 9.8465 e  
created : 2023-08-21T16:20:35

## plain noise (radiance background)

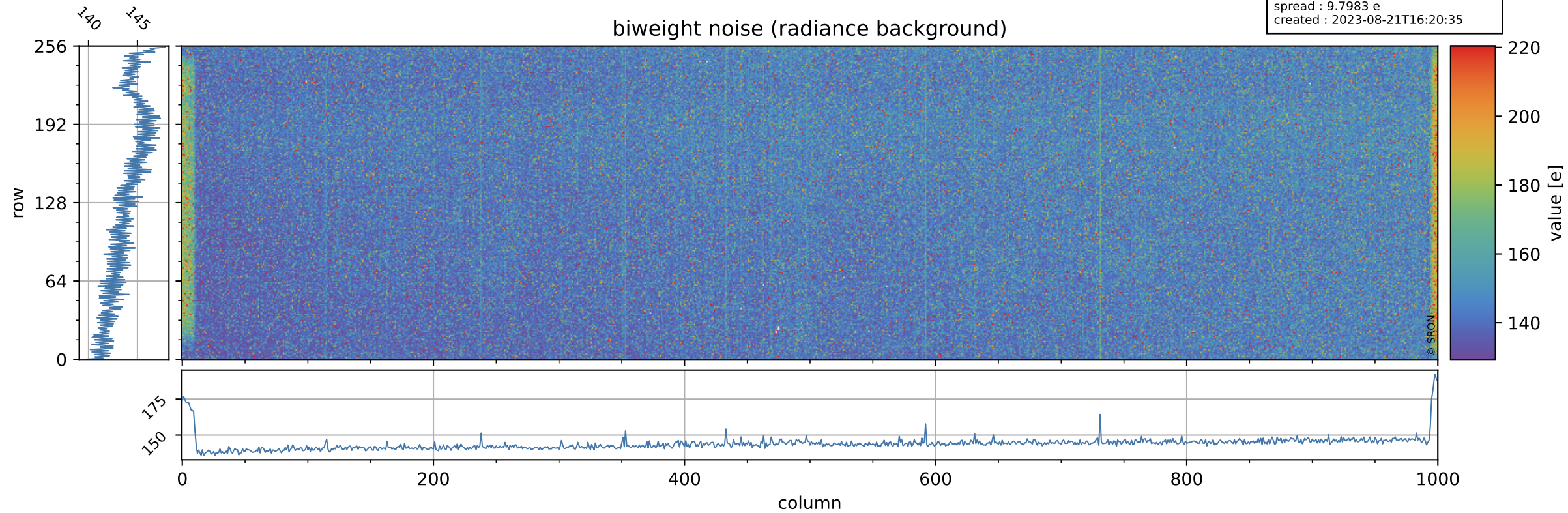




# Tropomi SWIR background noise (swir)

orbits : 12 in [21817, 21907]  
coverage : 2021-12-29 / 2022-01-04  
n\_coad, t\_exp : 1, 0.8383  
median : 143.81 e  
spread : 9.7983 e  
created : 2023-08-21T16:20:35

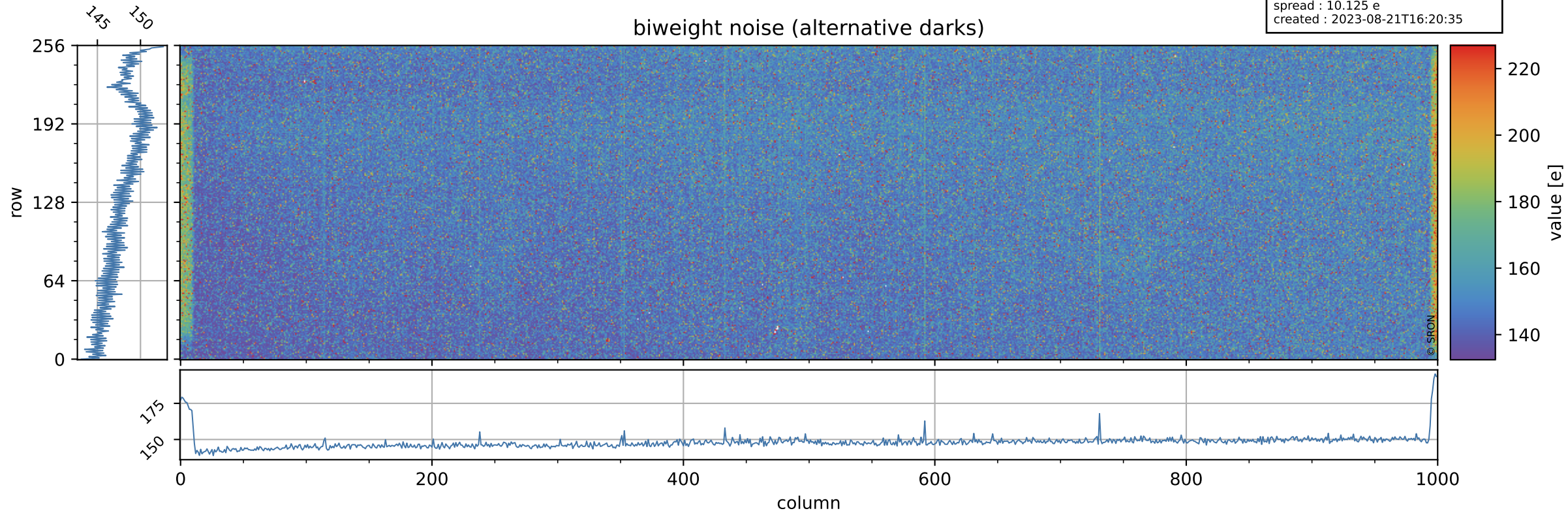
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21817, 21907]  
coverage : 2021-12-29 / 2022-01-04  
n\_coad, t\_exp : 1, 1.0783  
median : 147.78 e  
spread : 10.125 e  
created : 2023-08-21T16:20:35

## biweight noise (alternative darks)

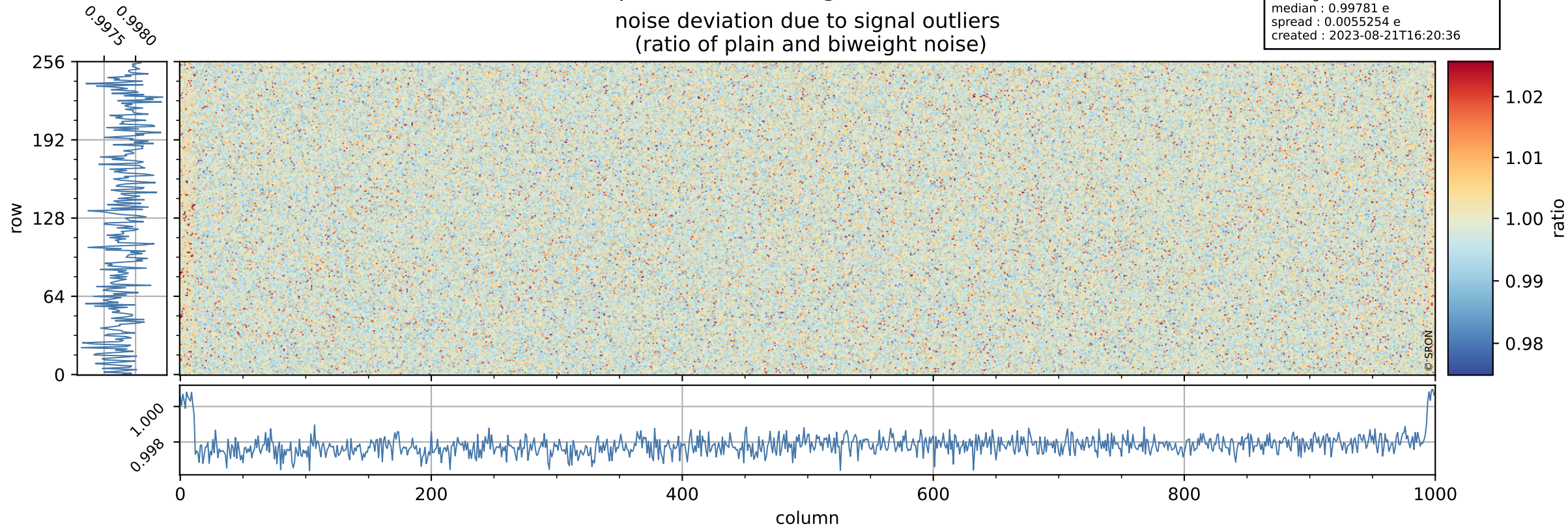




# Tropomi SWIR background noise (swir)

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

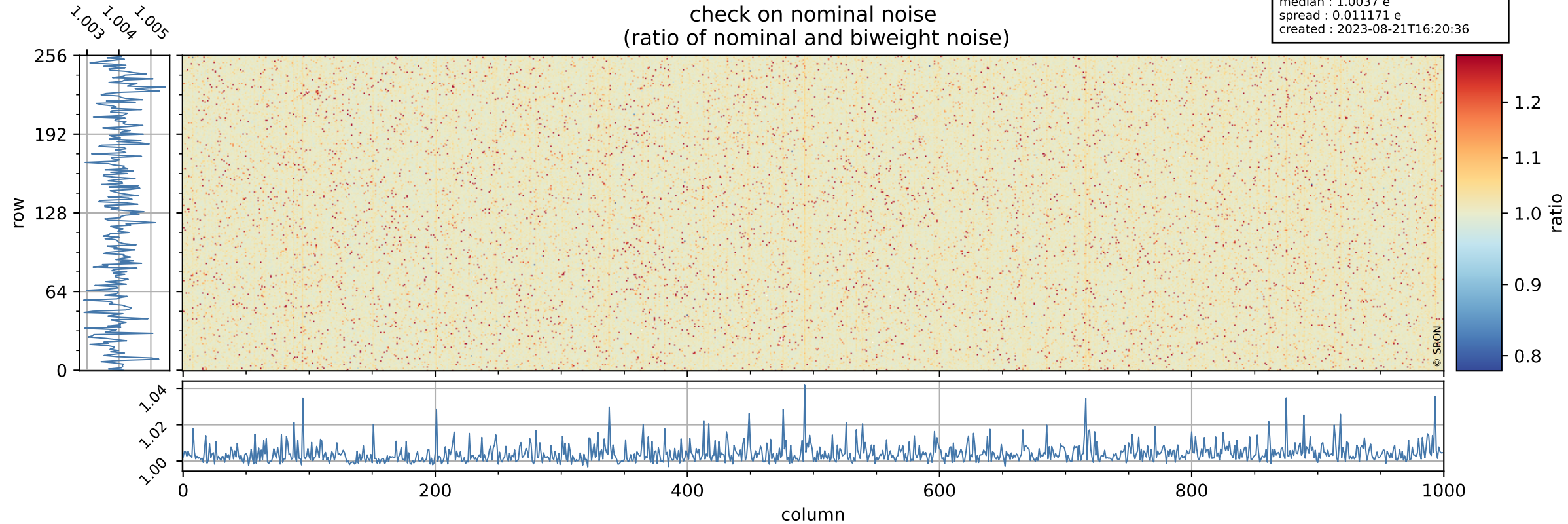
orbits : 12 in [21817, 21907]  
coverage : 2021-12-29 / 2022-01-04  
median : 0.99781 e  
spread : 0.0055254 e  
created : 2023-08-21T16:20:36



# Tropomi SWIR background noise (swir)

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

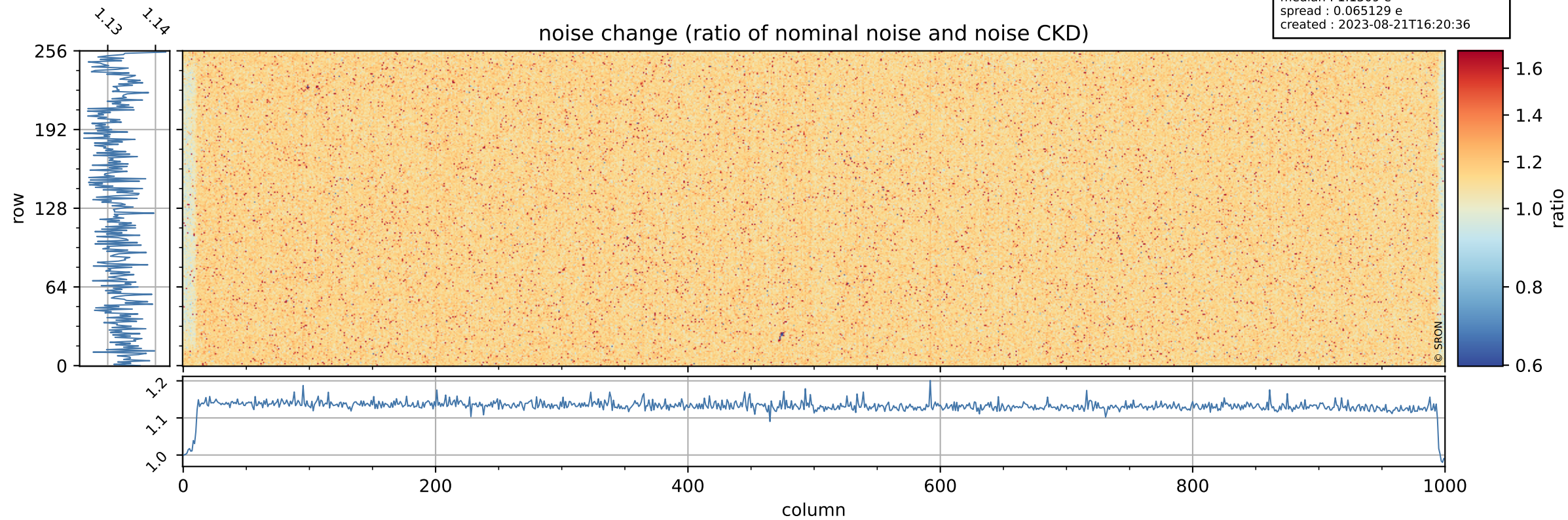
orbits : 12 in [21817, 21907]  
coverage : 2021-12-29 / 2022-01-04  
median : 1.0037 e  
spread : 0.011171 e  
created : 2023-08-21T16:20:36





# Tropomi SWIR background noise (swir)

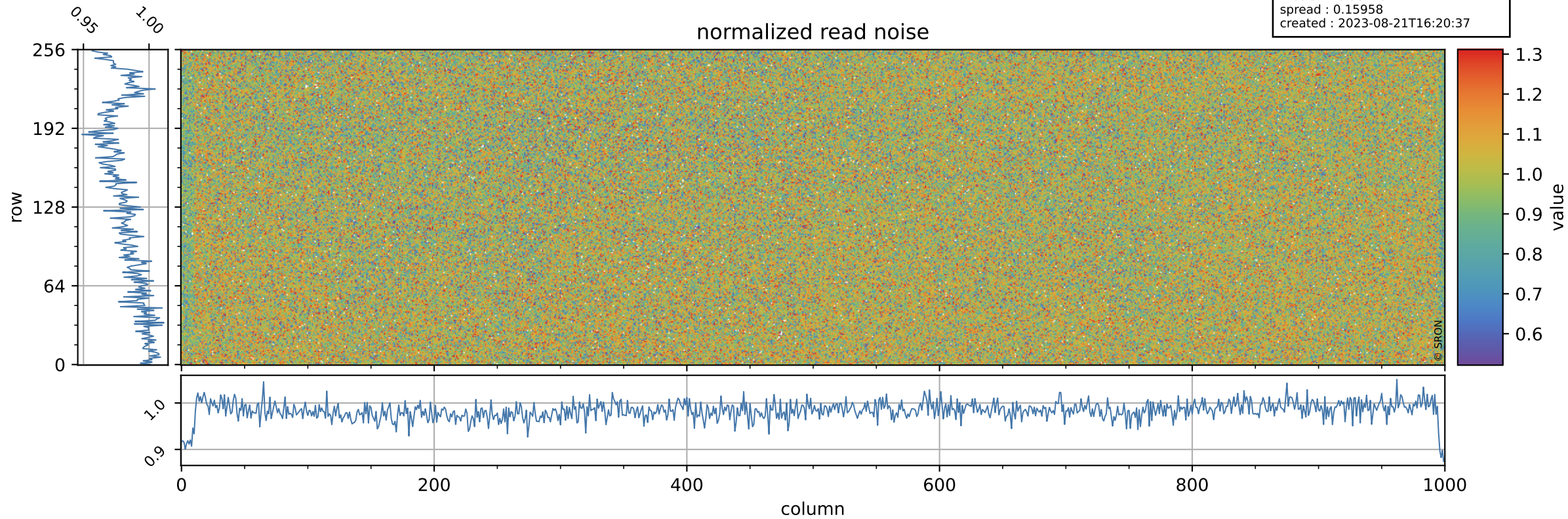
orbits : 12 in [21817, 21907]  
coverage : 2021-12-29 / 2022-01-04  
median : 1.1309 e  
spread : 0.065129 e  
created : 2023-08-21T16:20:36





# Tropomi SWIR background noise (swir)

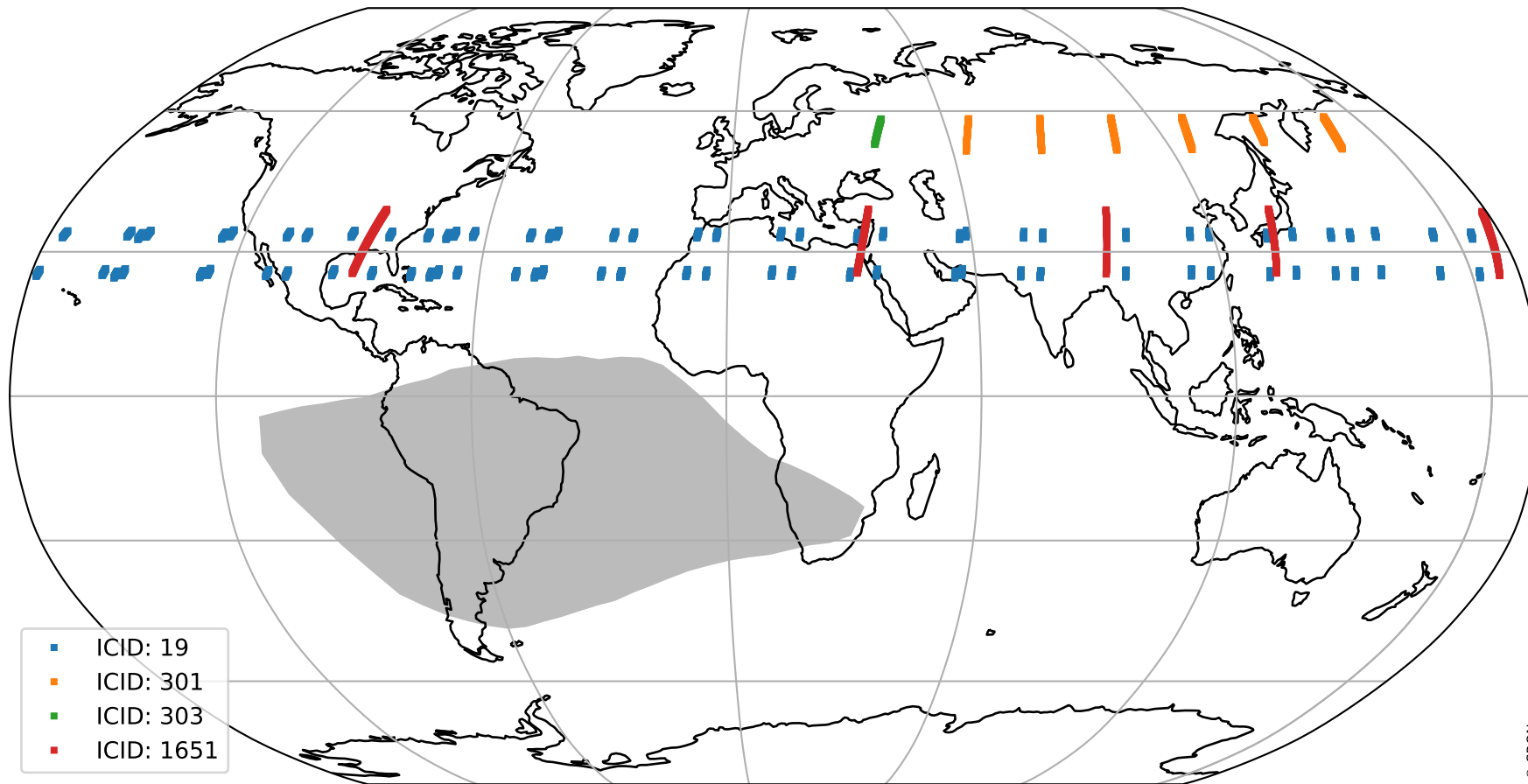
orbits : 12 in [21817, 21907]  
coverage : 2021-12-29 / 2022-01-04  
median : 0.98225  
spread : 0.15958  
created : 2023-08-21T16:20:37





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

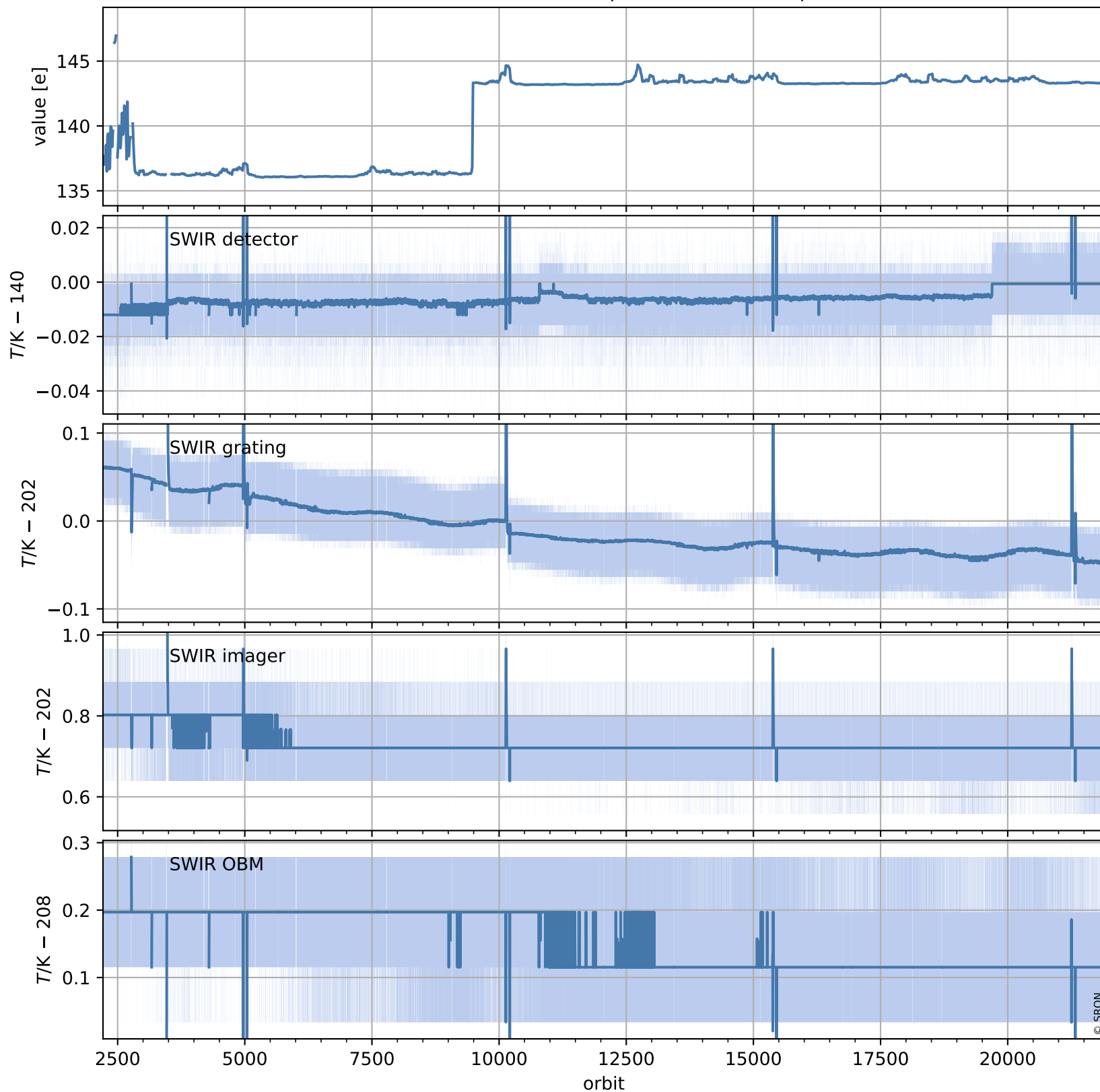
orbits : 12 in [21817, 21907]  
coverage : 2021-12-29 / 2022-01-04  
created : 2023-08-21T16:20:37



# Tropomi SWIR background noise (swir)

orbits : [2212, 21907]  
coverage : 2018-03-18 / 2022-01-04  
created : 2023-08-21T16:20:37

## trend of detector median of plain noise & temperatures

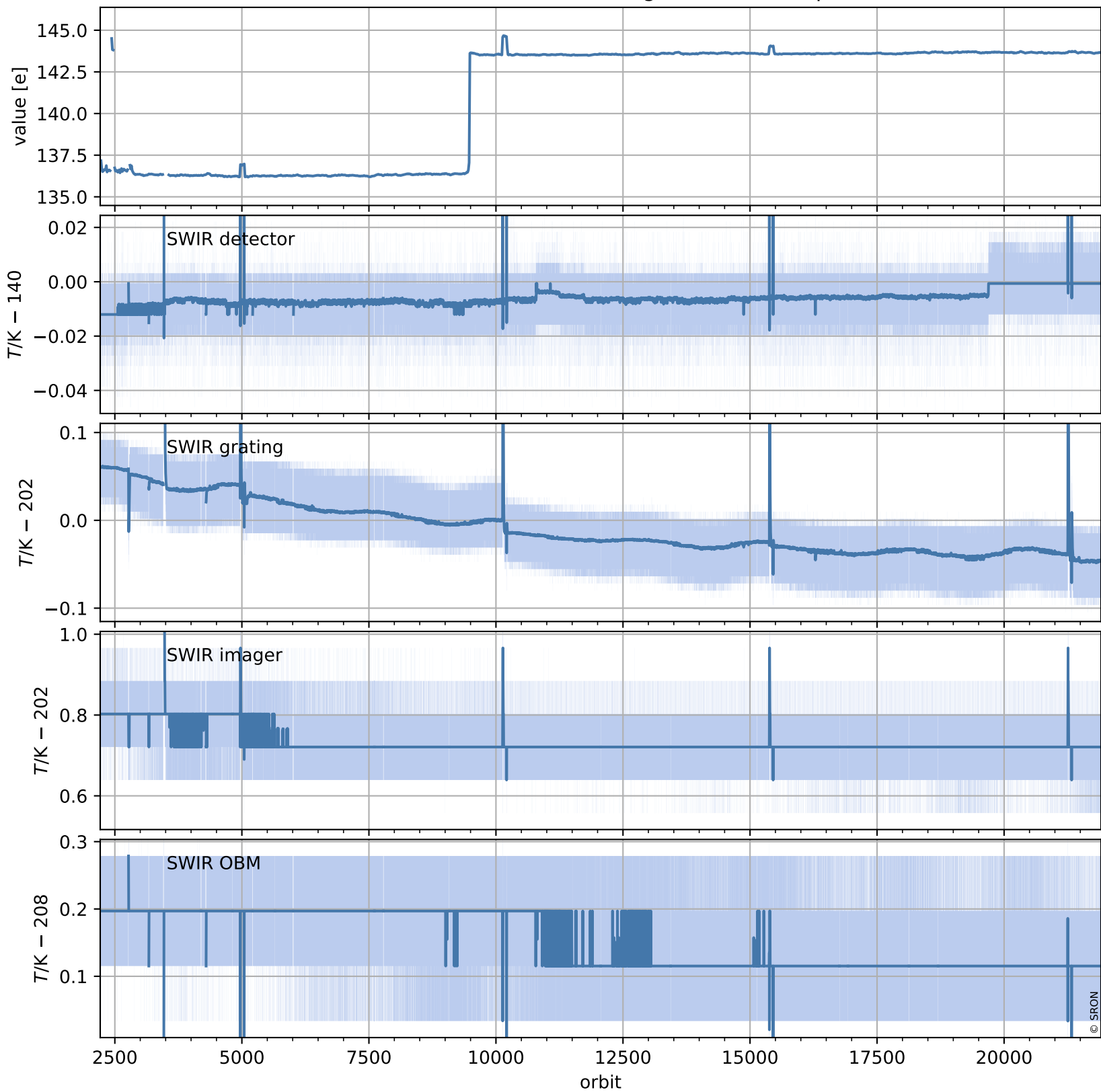




# Tropomi SWIR background noise (swir)

orbits : [2212, 21907]  
coverage : 2018-03-18 / 2022-01-04  
created : 2023-08-21T16:20:38

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21907]  
coverage : 2018-03-18 / 2022-01-04  
created : 2023-08-21T16:20:39

## trend of normalized read-noise & temperatures

