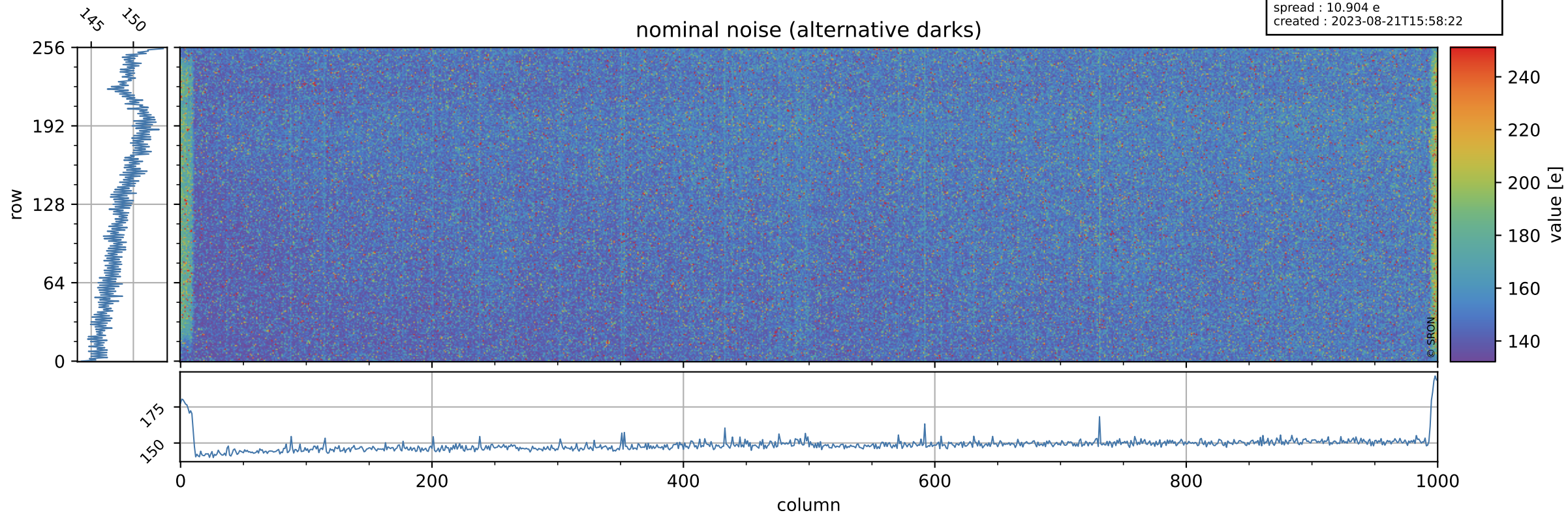


# Tropomi SWIR background noise (swir)

orbits : 12 in [18202, 18277]  
coverage : 2021-04-17 / 2021-04-23  
n\_coad, t\_exp : 1, 1.0783  
median : 148.61 e  
spread : 10.904 e  
created : 2023-08-21T15:58:22

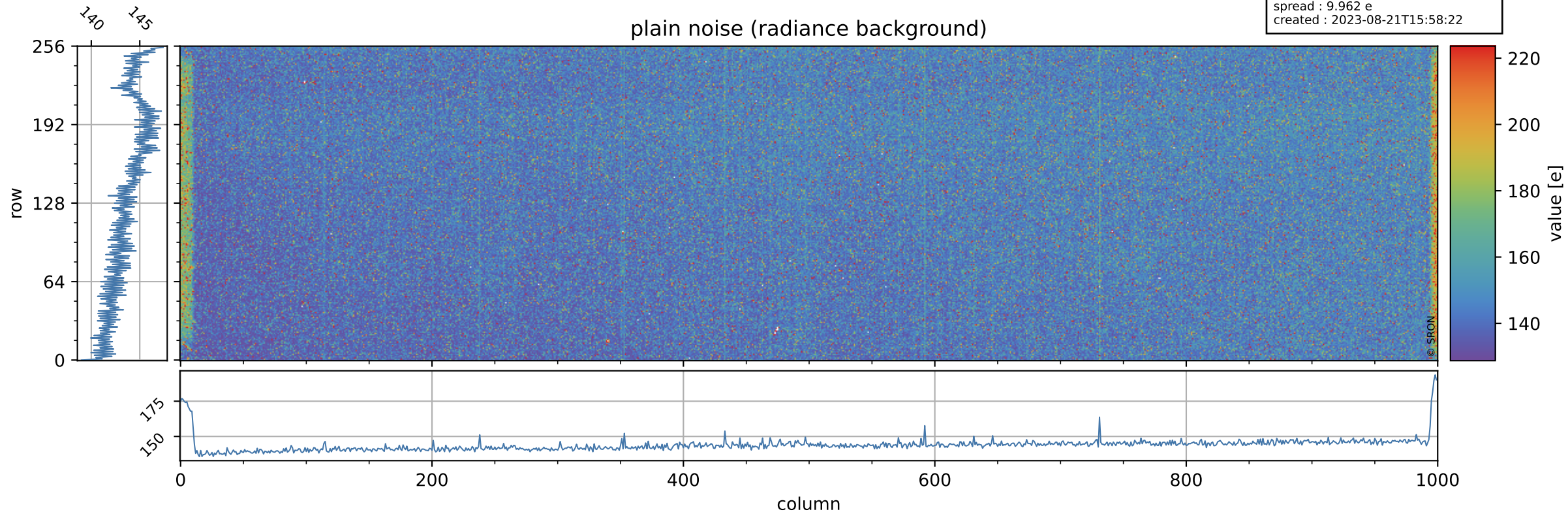
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18202, 18277]  
coverage : 2021-04-17 / 2021-04-23  
n\_coad, t\_exp : 1, 0.8383  
median : 143.63 e  
spread : 9.962 e  
created : 2023-08-21T15:58:22

plain noise (radiance background)

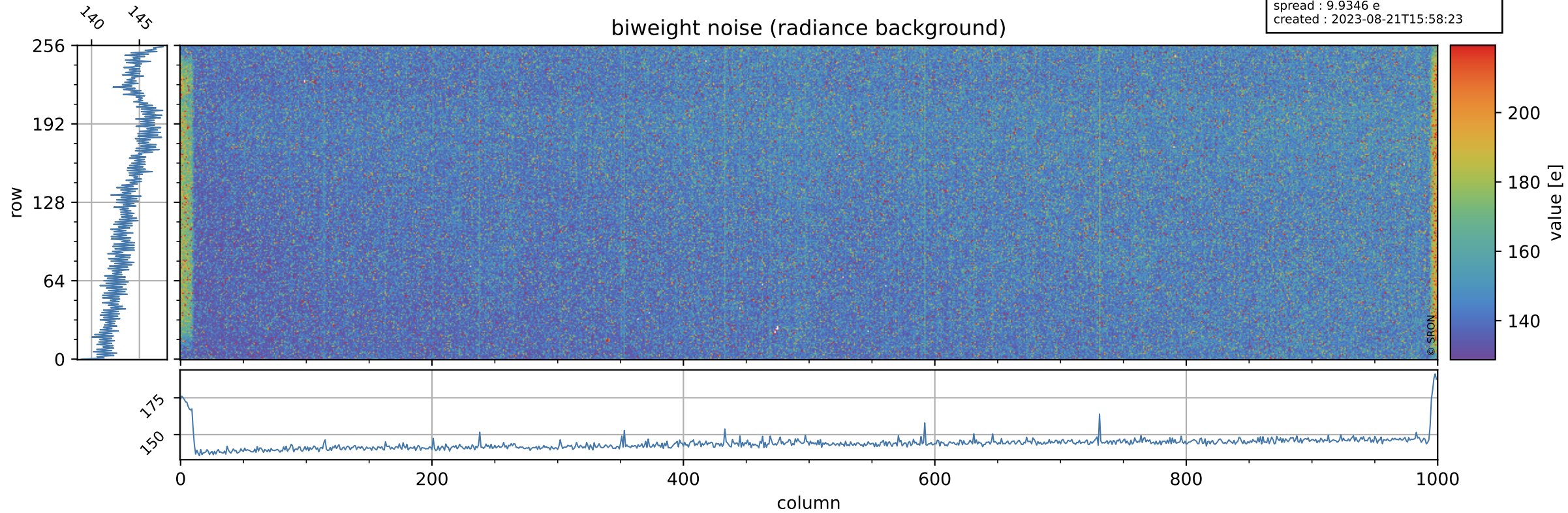




# Tropomi SWIR background noise (swir)

orbits : 12 in [18202, 18277]  
coverage : 2021-04-17 / 2021-04-23  
n\_coad, t\_exp : 1, 0.8383  
median : 143.8 e  
spread : 9.9346 e  
created : 2023-08-21T15:58:23

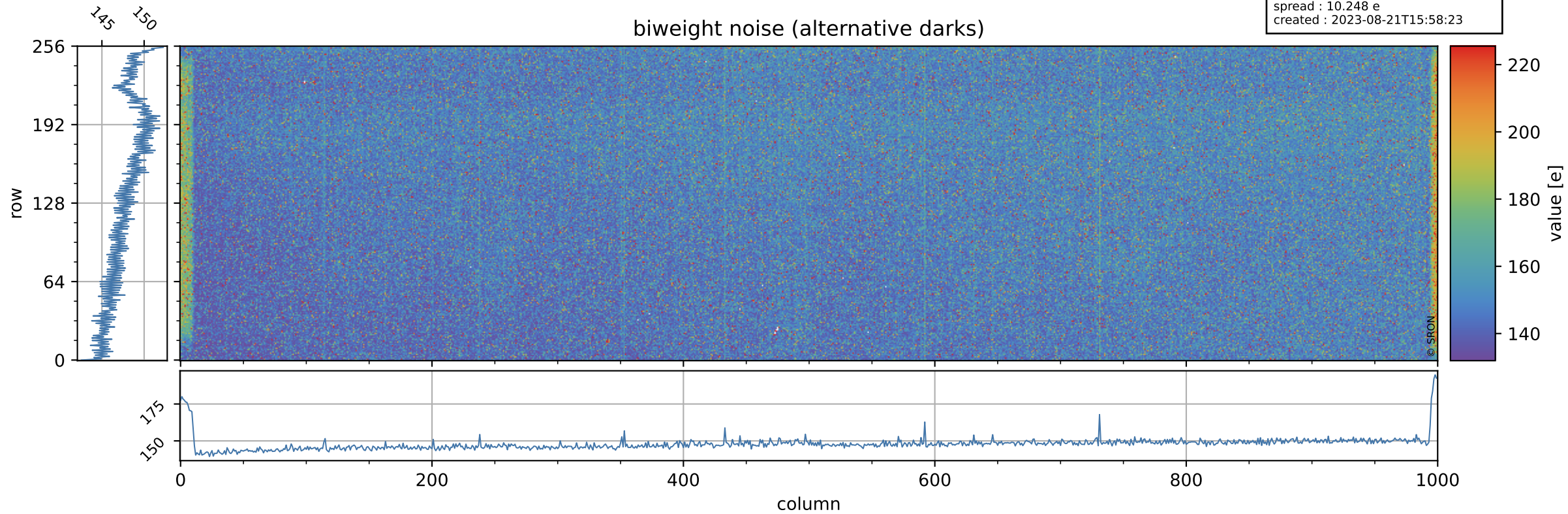
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18202, 18277]  
coverage : 2021-04-17 / 2021-04-23  
n\_coad, t\_exp : 1, 1.0783  
median : 147.73 e  
spread : 10.248 e  
created : 2023-08-21T15:58:23

## biweight noise (alternative darks)

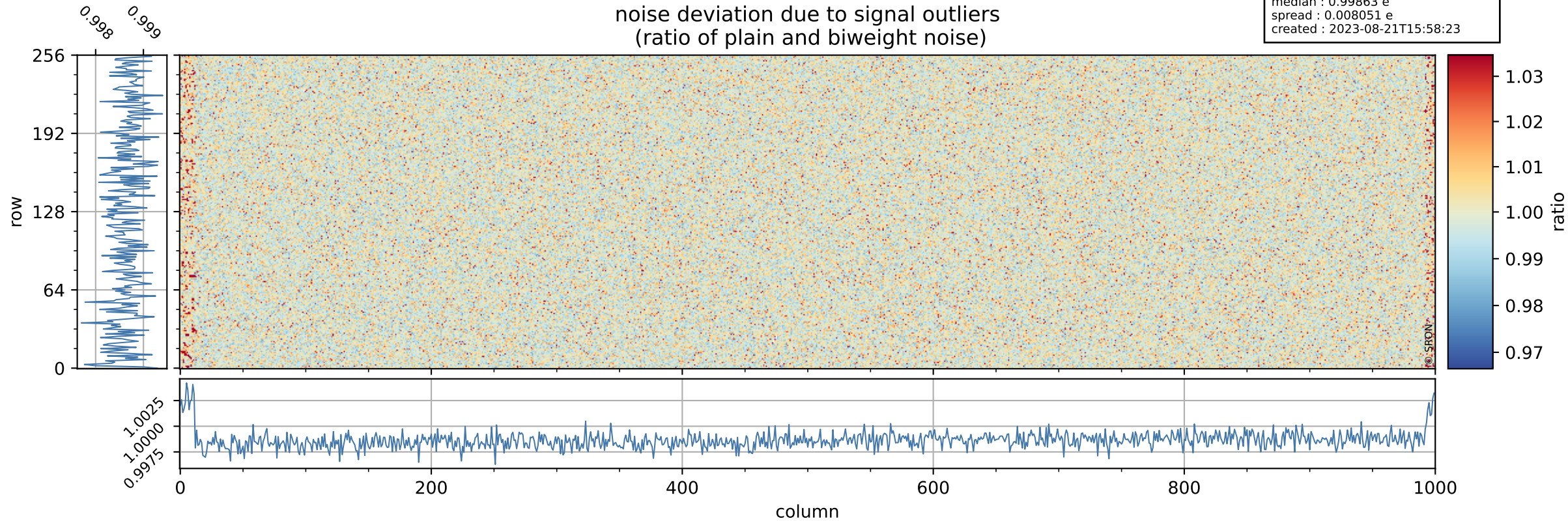




# Tropomi SWIR background noise (swir)

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

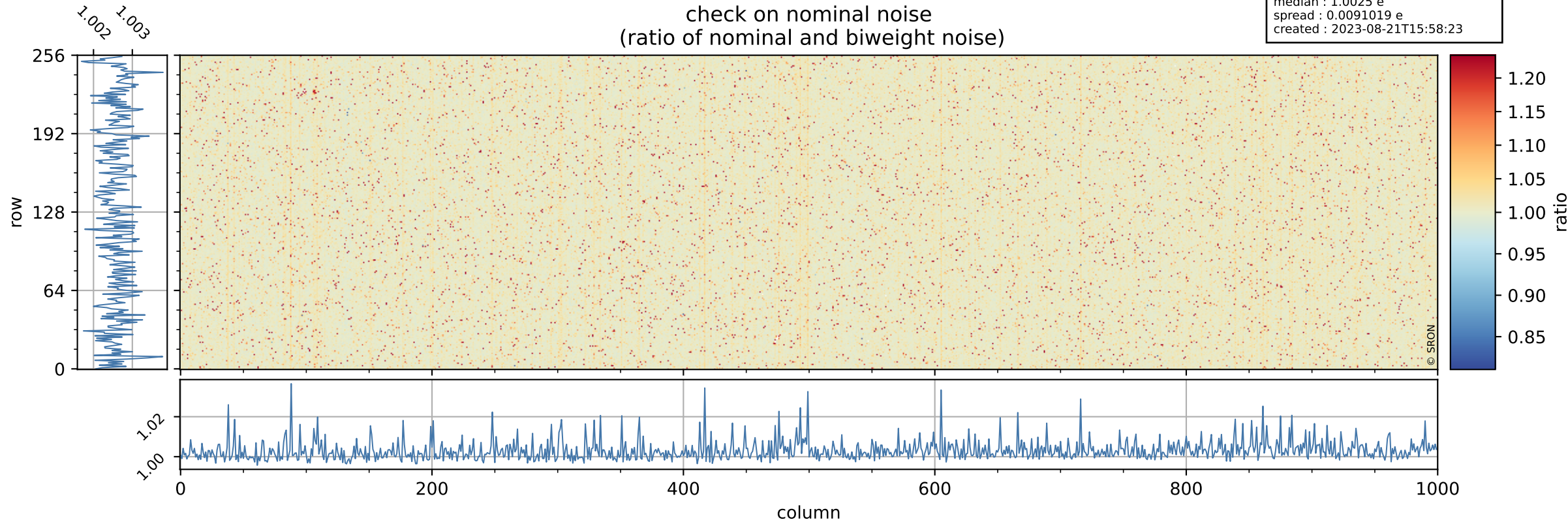
orbits : 12 in [18202, 18277]  
coverage : 2021-04-17 / 2021-04-23  
median : 0.99863 e  
spread : 0.008051 e  
created : 2023-08-21T15:58:23



# Tropomi SWIR background noise (swir)

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

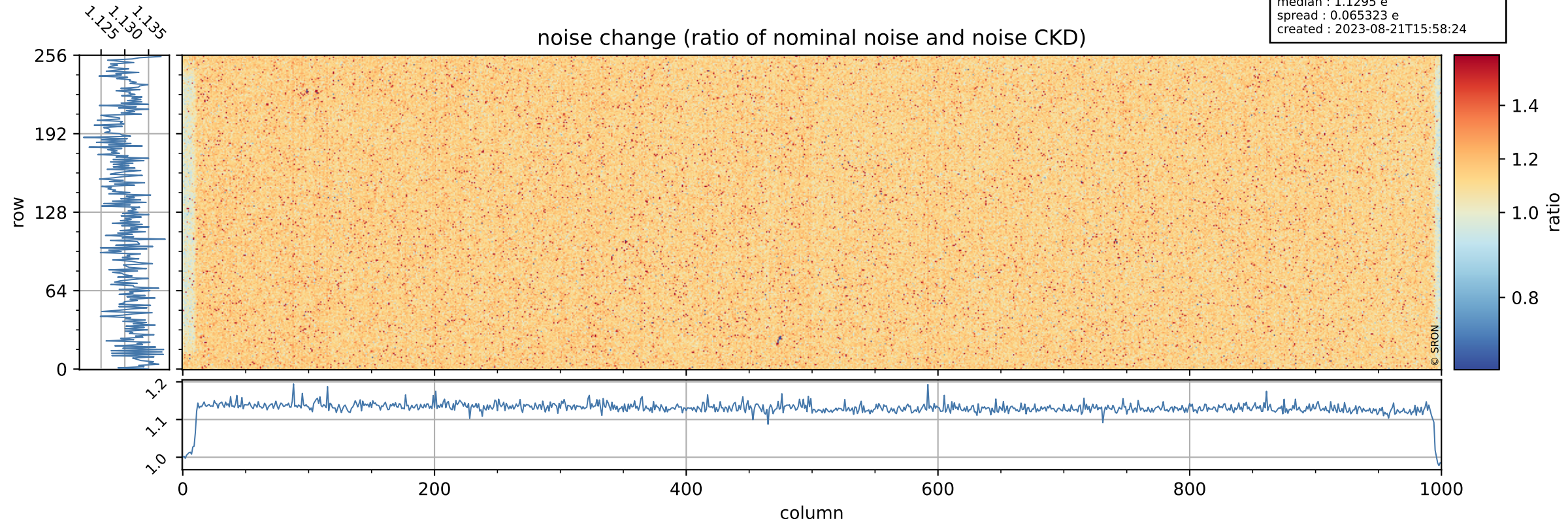
orbits : 12 in [18202, 18277]  
coverage : 2021-04-17 / 2021-04-23  
median : 1.0025 e  
spread : 0.0091019 e  
created : 2023-08-21T15:58:23





# Tropomi SWIR background noise (swir)

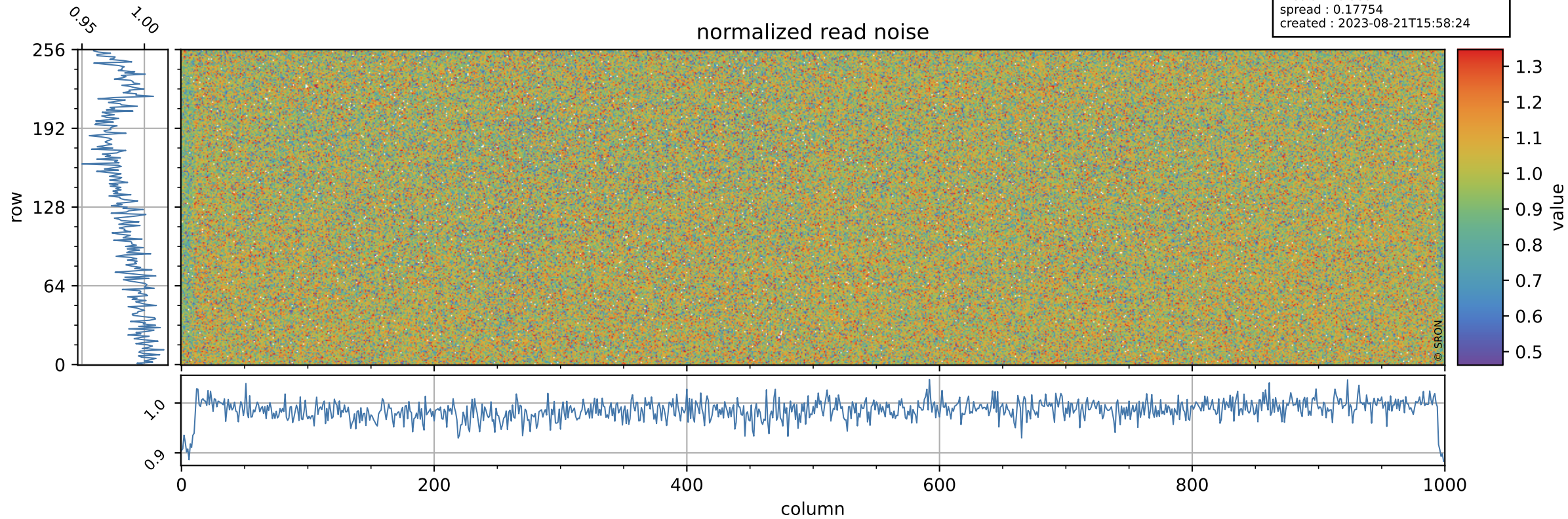
orbits : 12 in [18202, 18277]  
coverage : 2021-04-17 / 2021-04-23  
median : 1.1295 e  
spread : 0.065323 e  
created : 2023-08-21T15:58:24





# Tropomi SWIR background noise (swir)

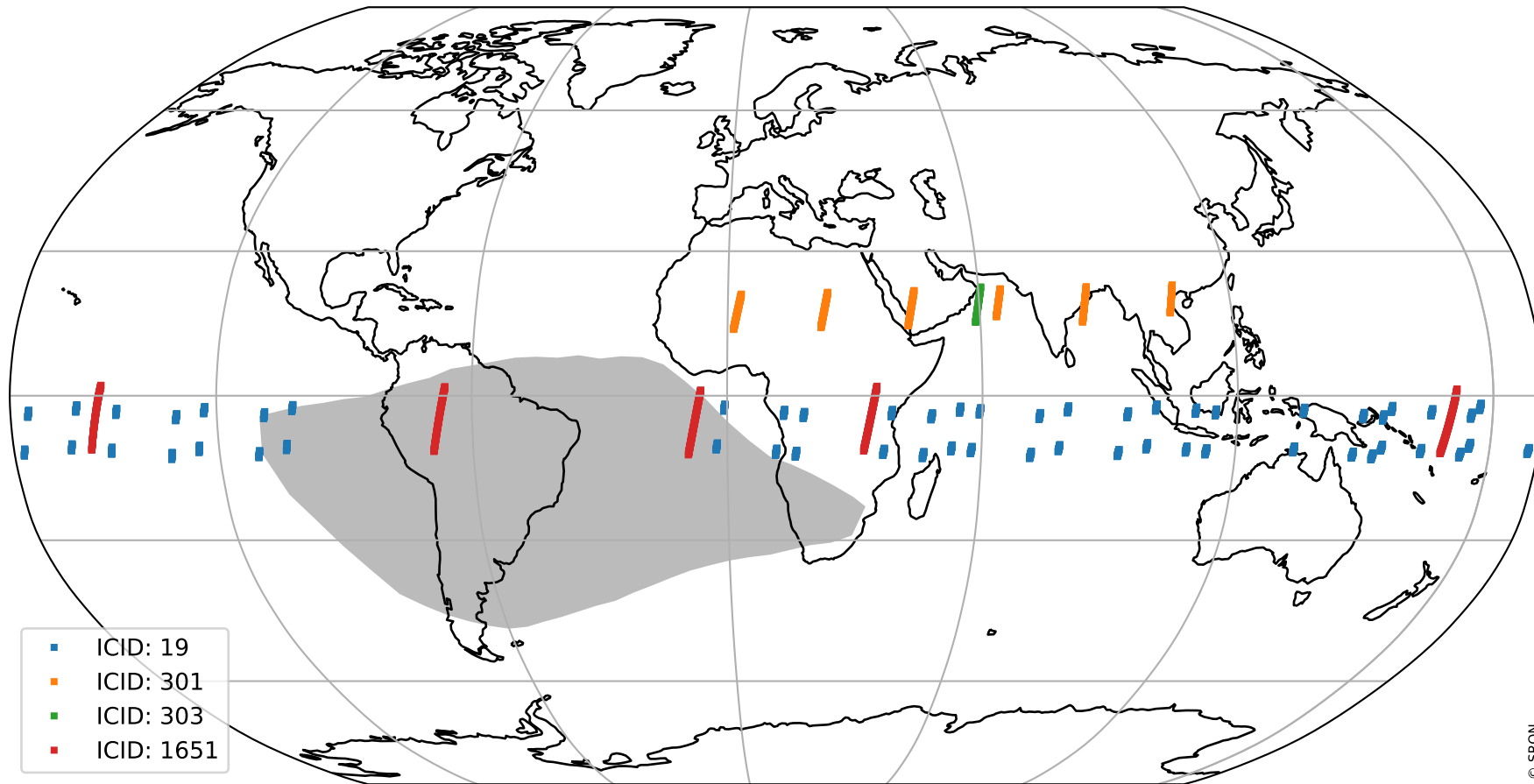
orbits : 12 in [18202, 18277]  
coverage : 2021-04-17 / 2021-04-23  
median : 0.98374  
spread : 0.17754  
created : 2023-08-21T15:58:24





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

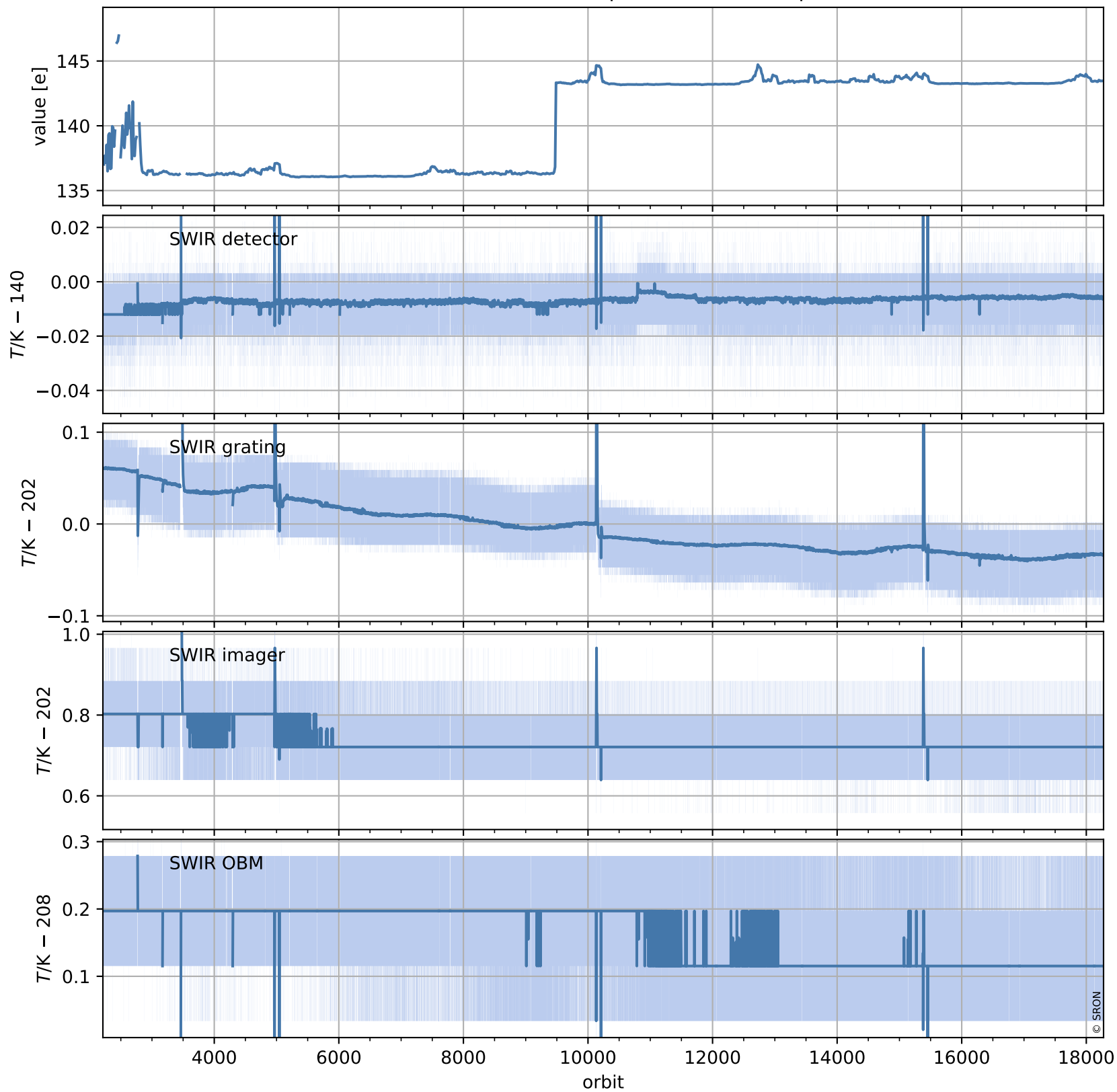
orbits : 12 in [18202, 18277]  
coverage : 2021-04-17 / 2021-04-23  
created : 2023-08-21T15:58:24



# Tropomi SWIR background noise (swir)

orbits : [2212, 18277]  
coverage : 2018-03-18 / 2021-04-23  
created : 2023-08-21T15:58:25

## trend of detector median of plain noise & temperatures

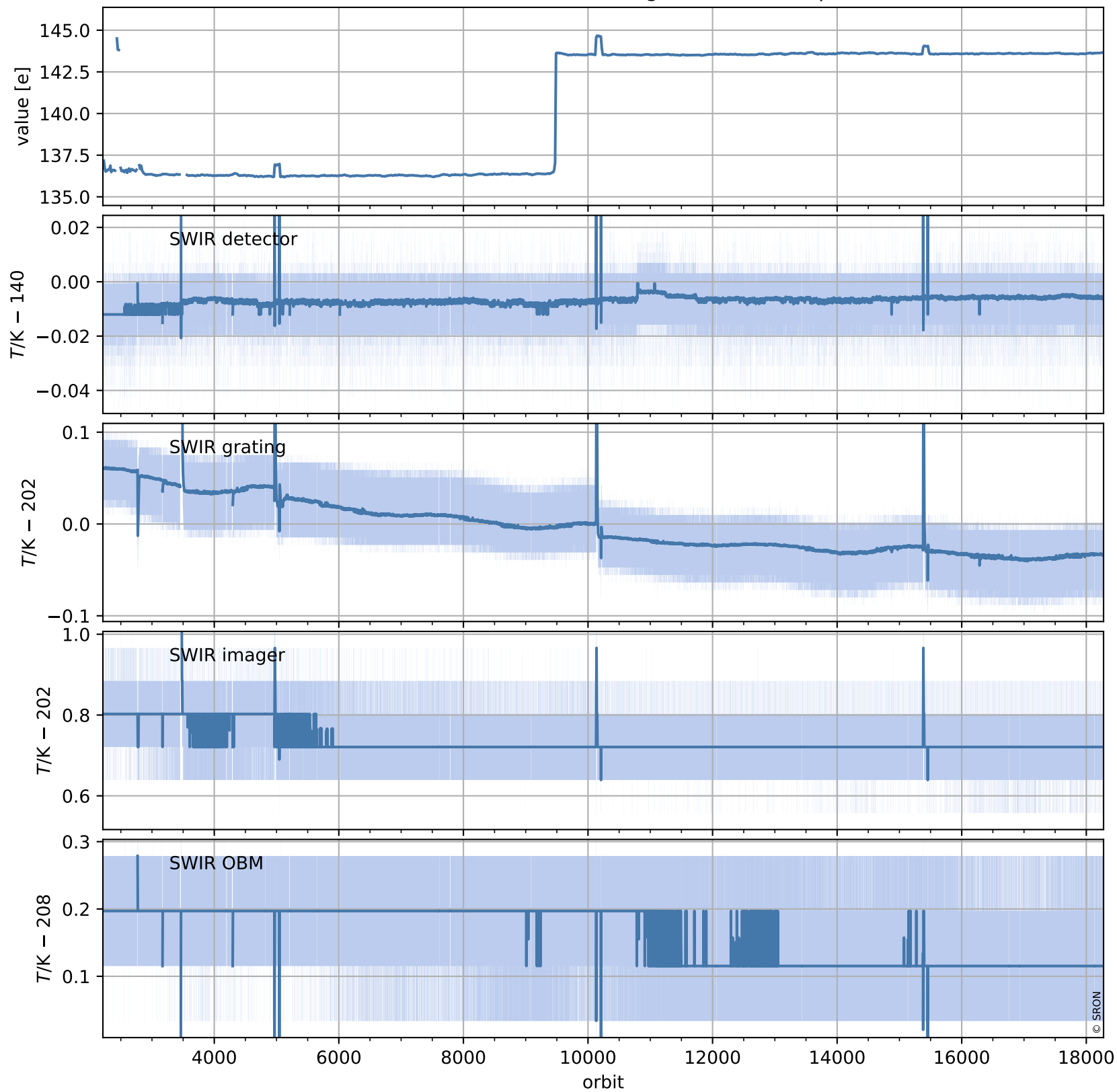




# Tropomi SWIR background noise (swir)

orbits : [2212, 18277]  
coverage : 2018-03-18 / 2021-04-23  
created : 2023-08-21T15:58:26

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18277]  
coverage : 2018-03-18 / 2021-04-23  
created : 2023-08-21T15:58:26

## trend of normalized read-noise & temperatures

