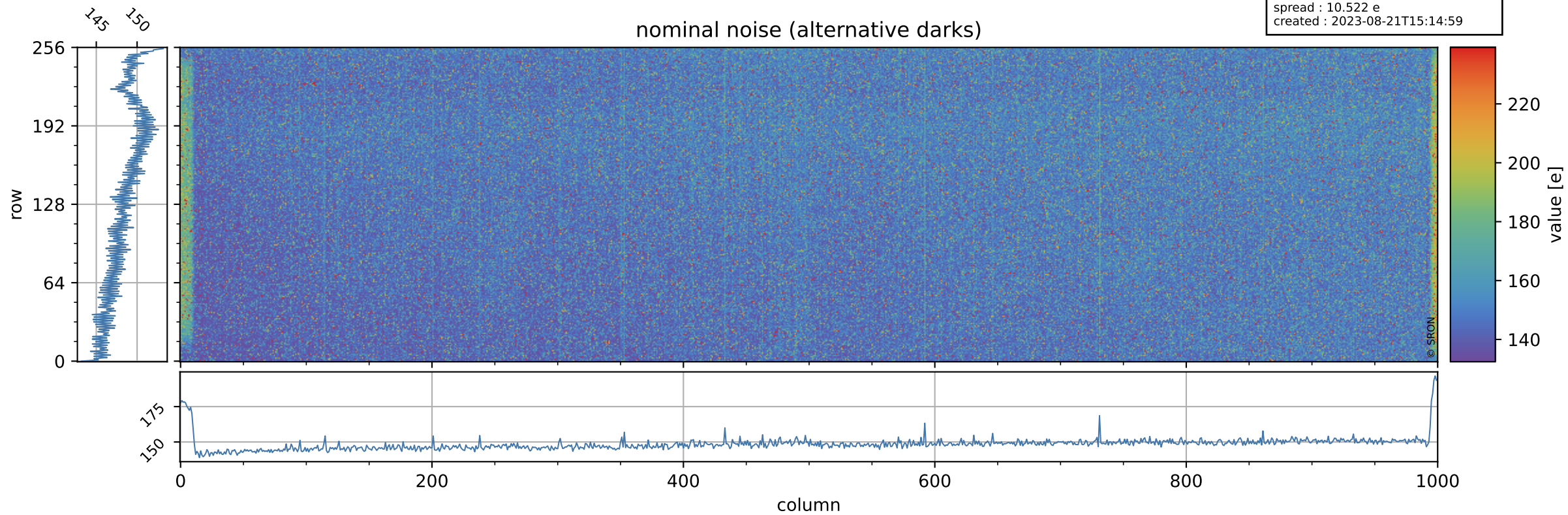


# Tropomi SWIR background noise (swir)

orbits : 12 in [10732, 10807]  
coverage : 2019-11-08 / 2019-11-13  
n\_coad, t\_exp : 1, 1.0783  
median : 148.36 e  
spread : 10.522 e  
created : 2023-08-21T15:14:59

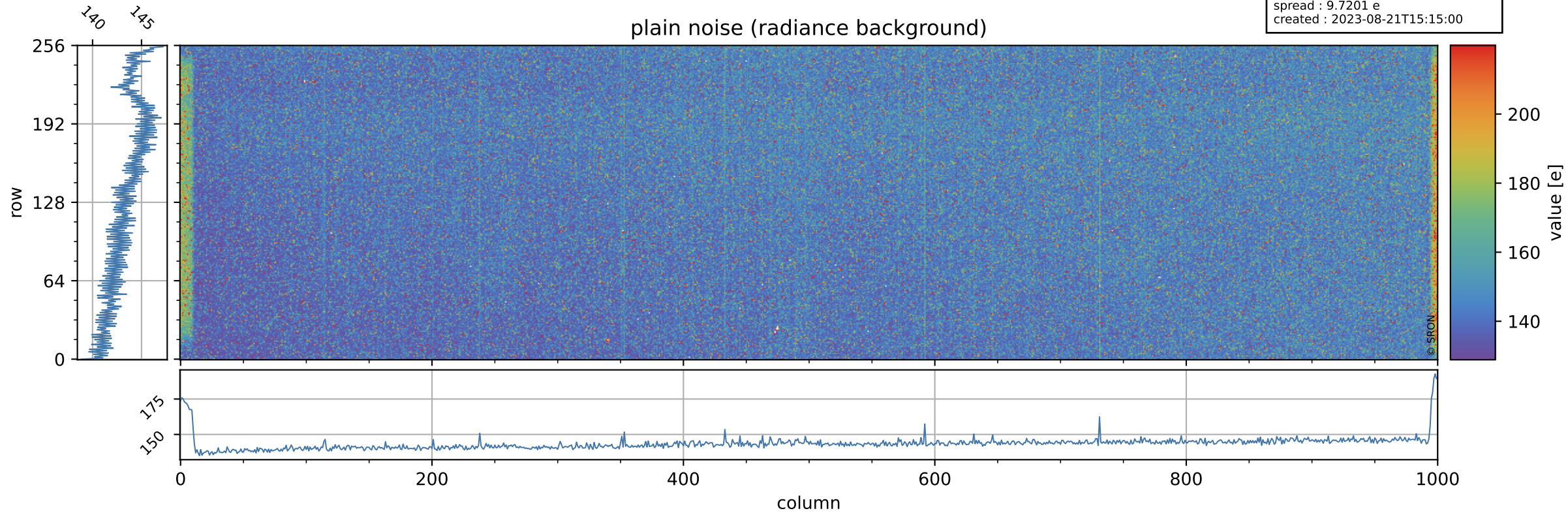
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10732, 10807]  
coverage : 2019-11-08 / 2019-11-13  
n\_coad, t\_exp : 1, 0.8383  
median : 143.32 e  
spread : 9.7201 e  
created : 2023-08-21T15:15:00

plain noise (radiance background)

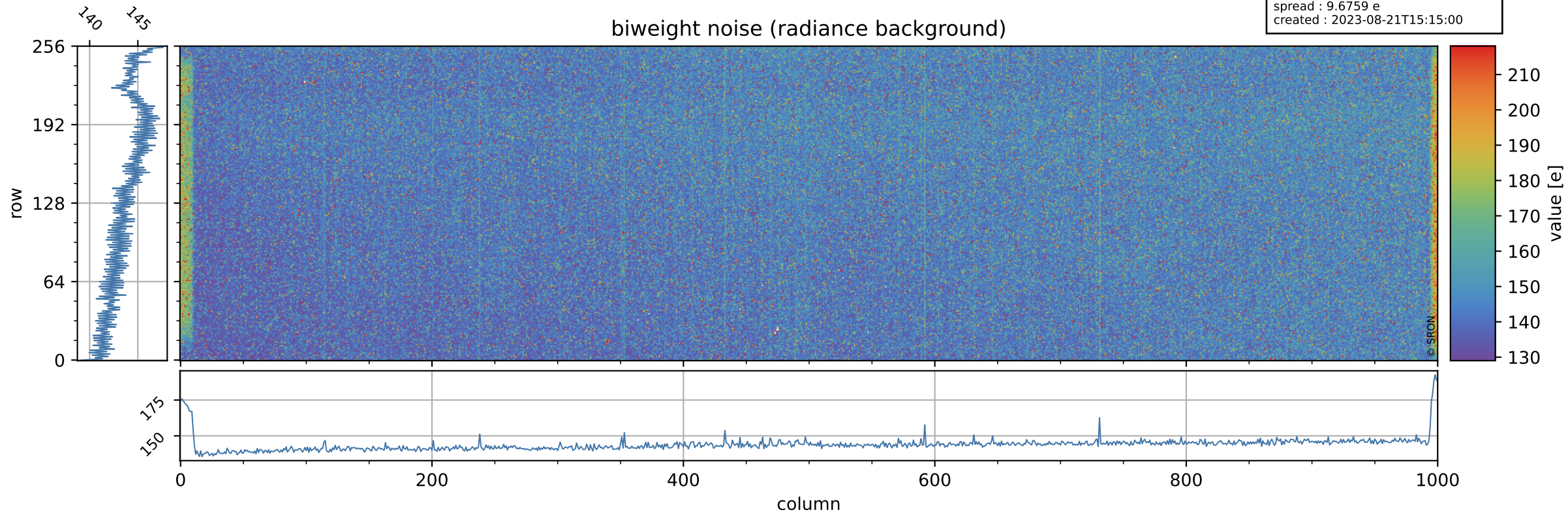




# Tropomi SWIR background noise (swir)

orbits : 12 in [10732, 10807]  
coverage : 2019-11-08 / 2019-11-13  
n\_coad, t\_exp : 1, 0.8383  
median : 143.65 e  
spread : 9.6759 e  
created : 2023-08-21T15:15:00

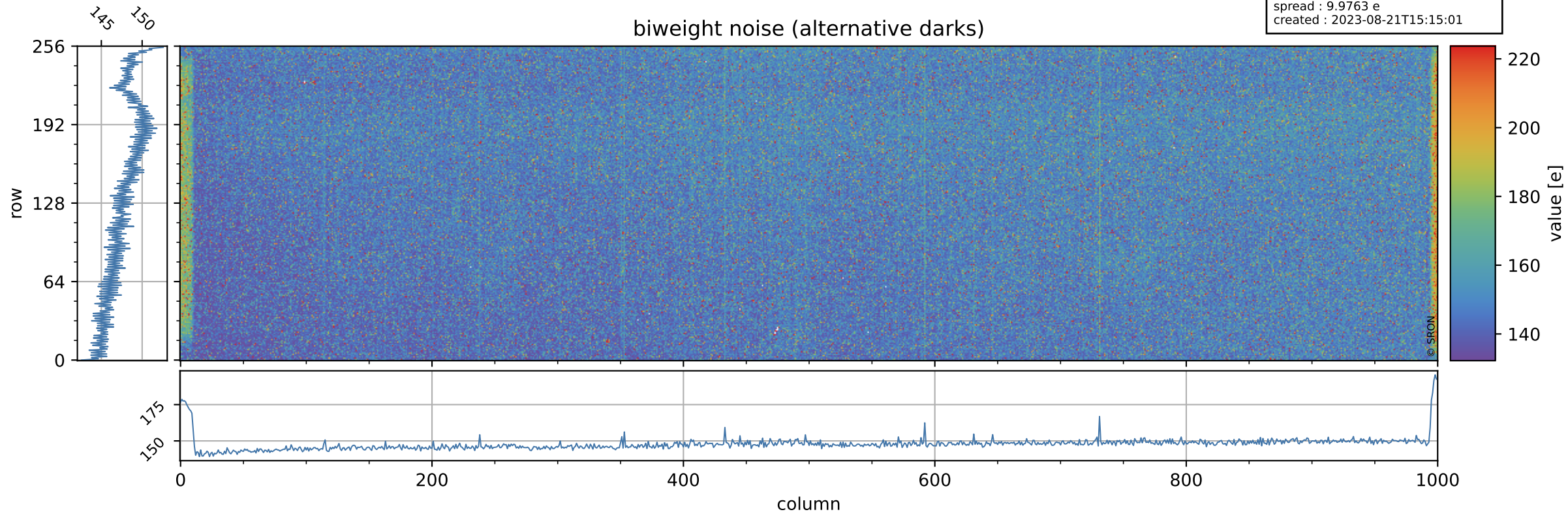
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10732, 10807]  
coverage : 2019-11-08 / 2019-11-13  
n\_coad, t\_exp : 1, 1.0783  
median : 147.61 e  
spread : 9.9763 e  
created : 2023-08-21T15:15:01

## biweight noise (alternative darks)

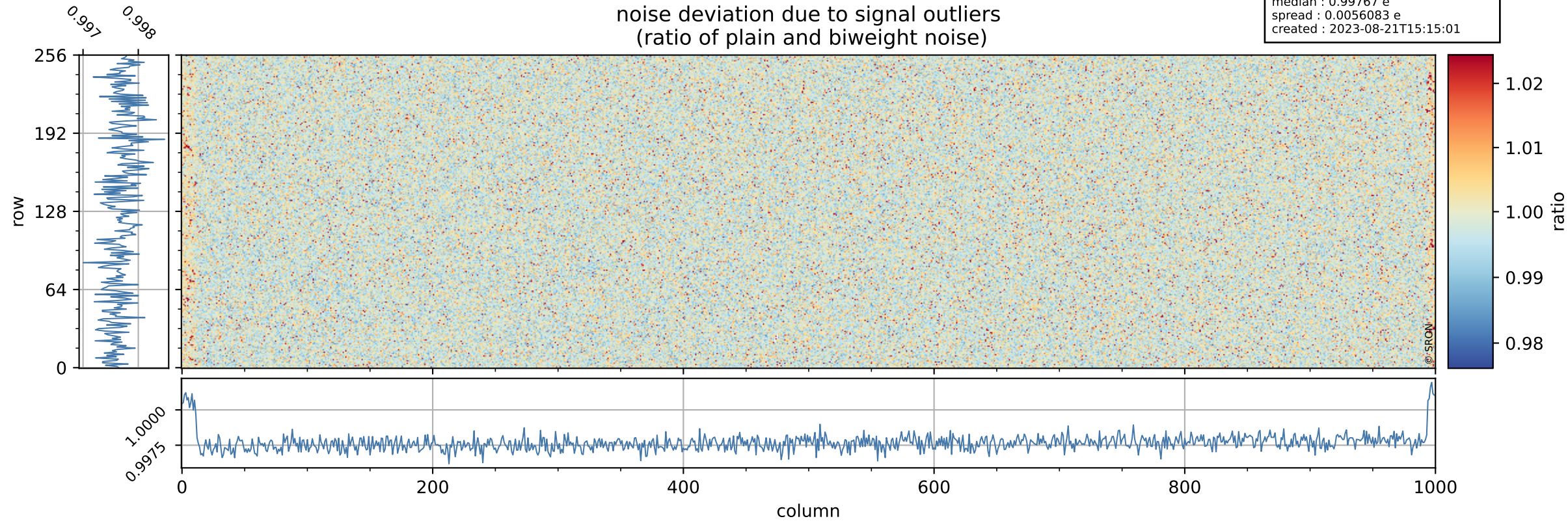




# Tropomi SWIR background noise (swir)

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

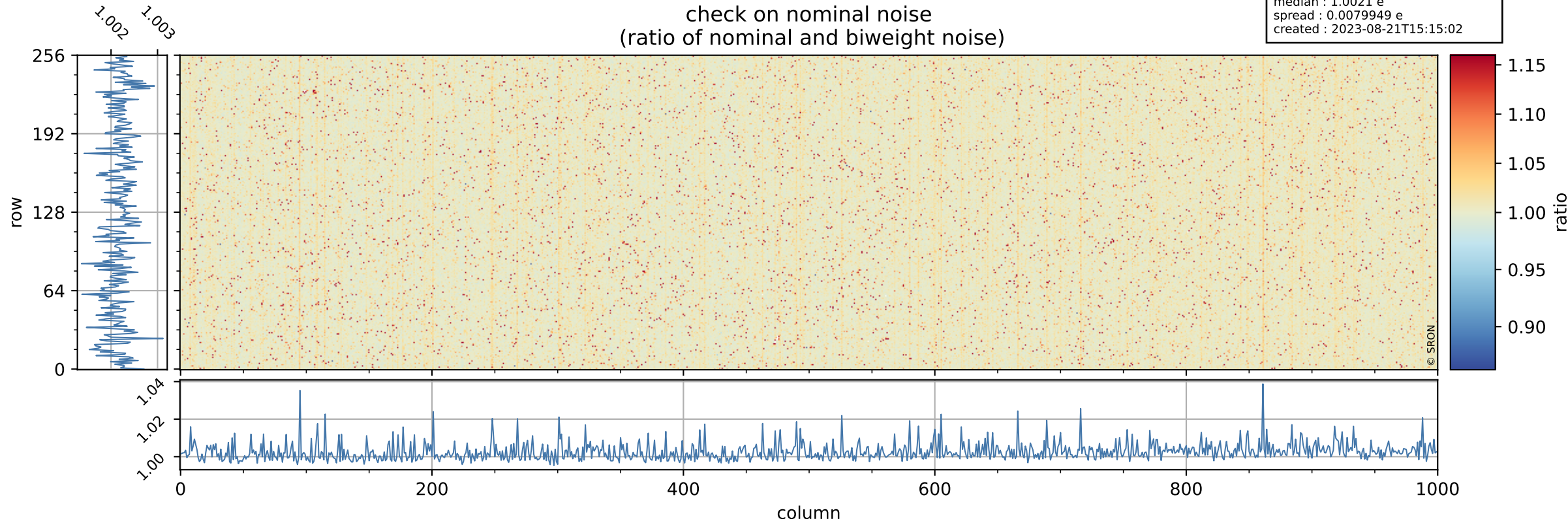
orbits : 12 in [10732, 10807]  
coverage : 2019-11-08 / 2019-11-13  
median : 0.99767 e  
spread : 0.0056083 e  
created : 2023-08-21T15:15:01



# Tropomi SWIR background noise (swir)

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

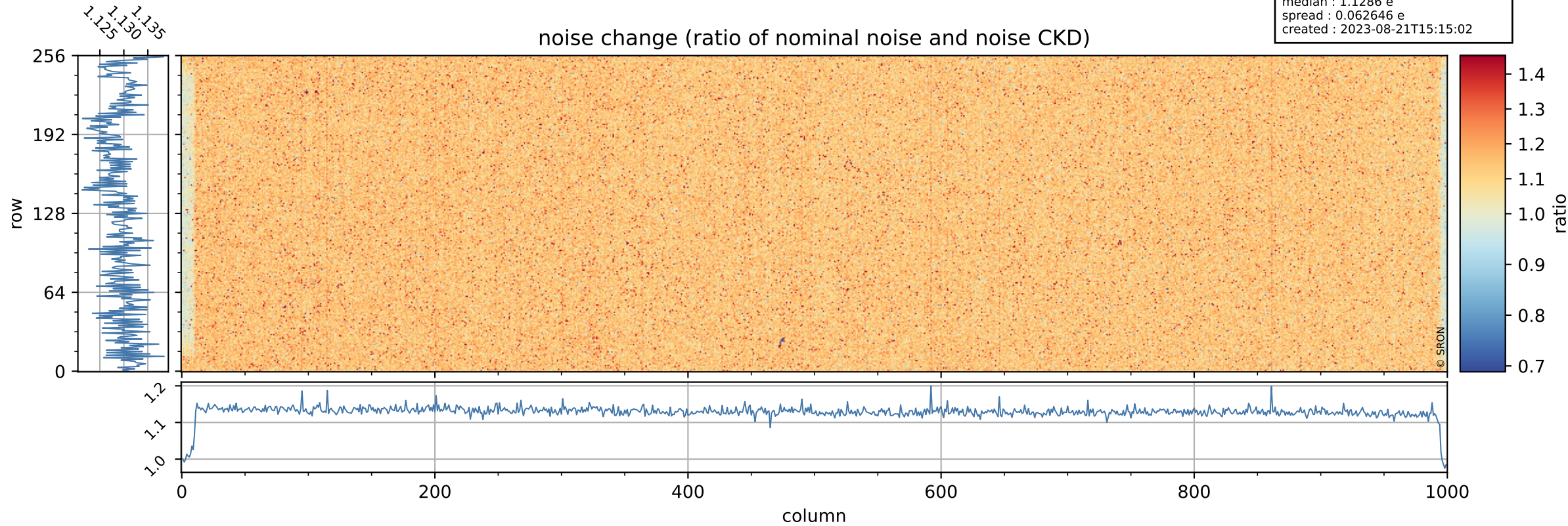
orbits : 12 in [10732, 10807]  
coverage : 2019-11-08 / 2019-11-13  
median : 1.0021 e  
spread : 0.0079949 e  
created : 2023-08-21T15:15:02





# Tropomi SWIR background noise (swir)

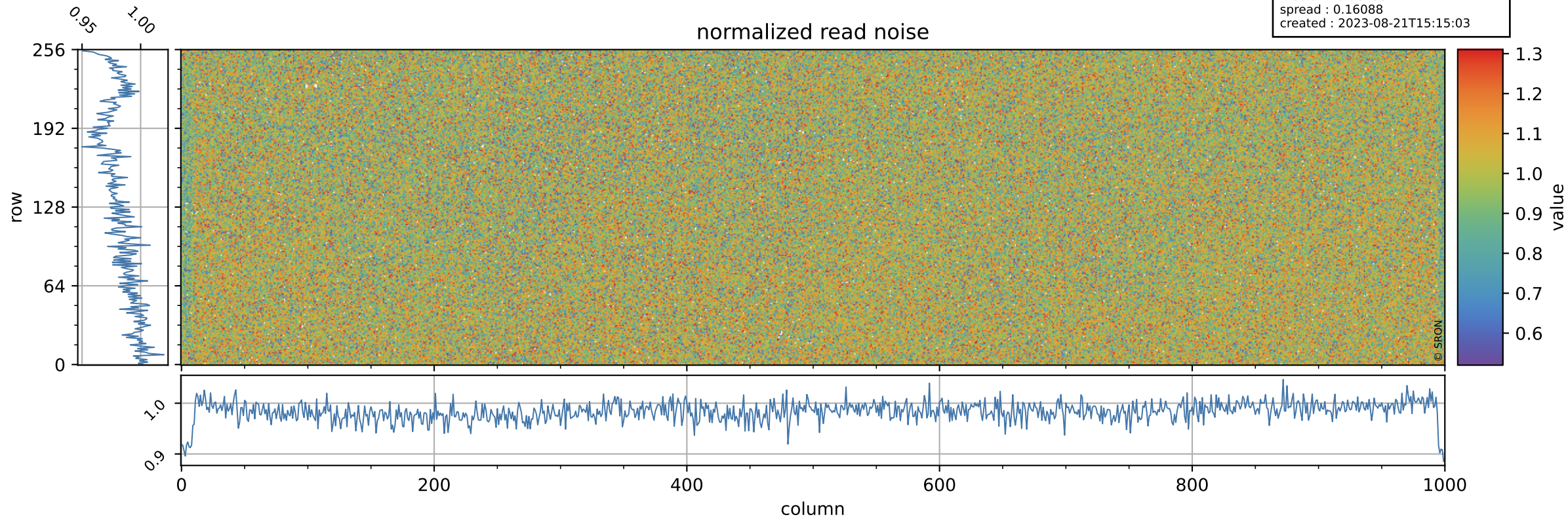
orbits : 12 in [10732, 10807]  
coverage : 2019-11-08 / 2019-11-13  
median : 1.1286 e  
spread : 0.062646 e  
created : 2023-08-21T15:15:02





# Tropomi SWIR background noise (swir)

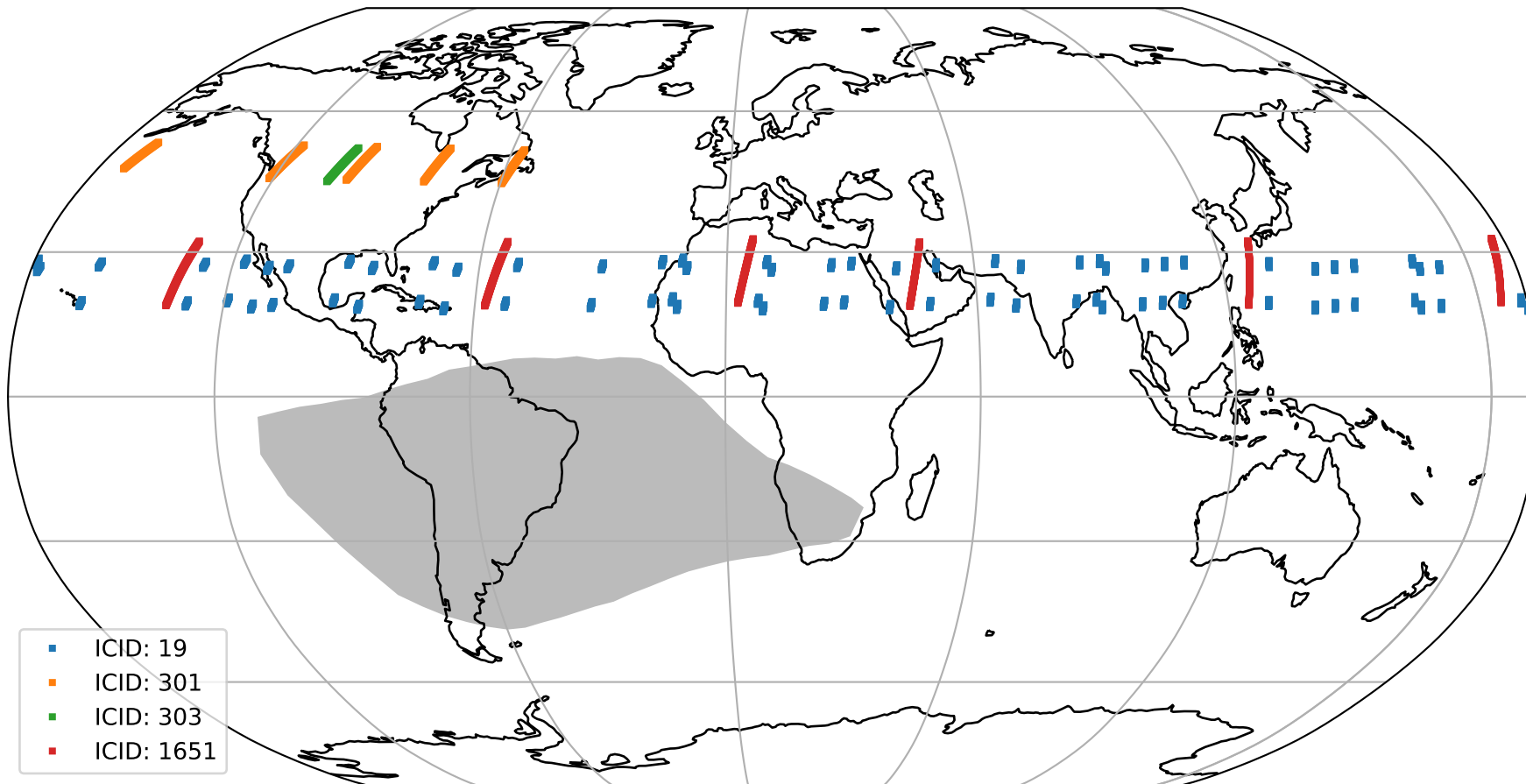
orbits : 12 in [10732, 10807]  
coverage : 2019-11-08 / 2019-11-13  
median : 0.98239  
spread : 0.16088  
created : 2023-08-21T15:15:03





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

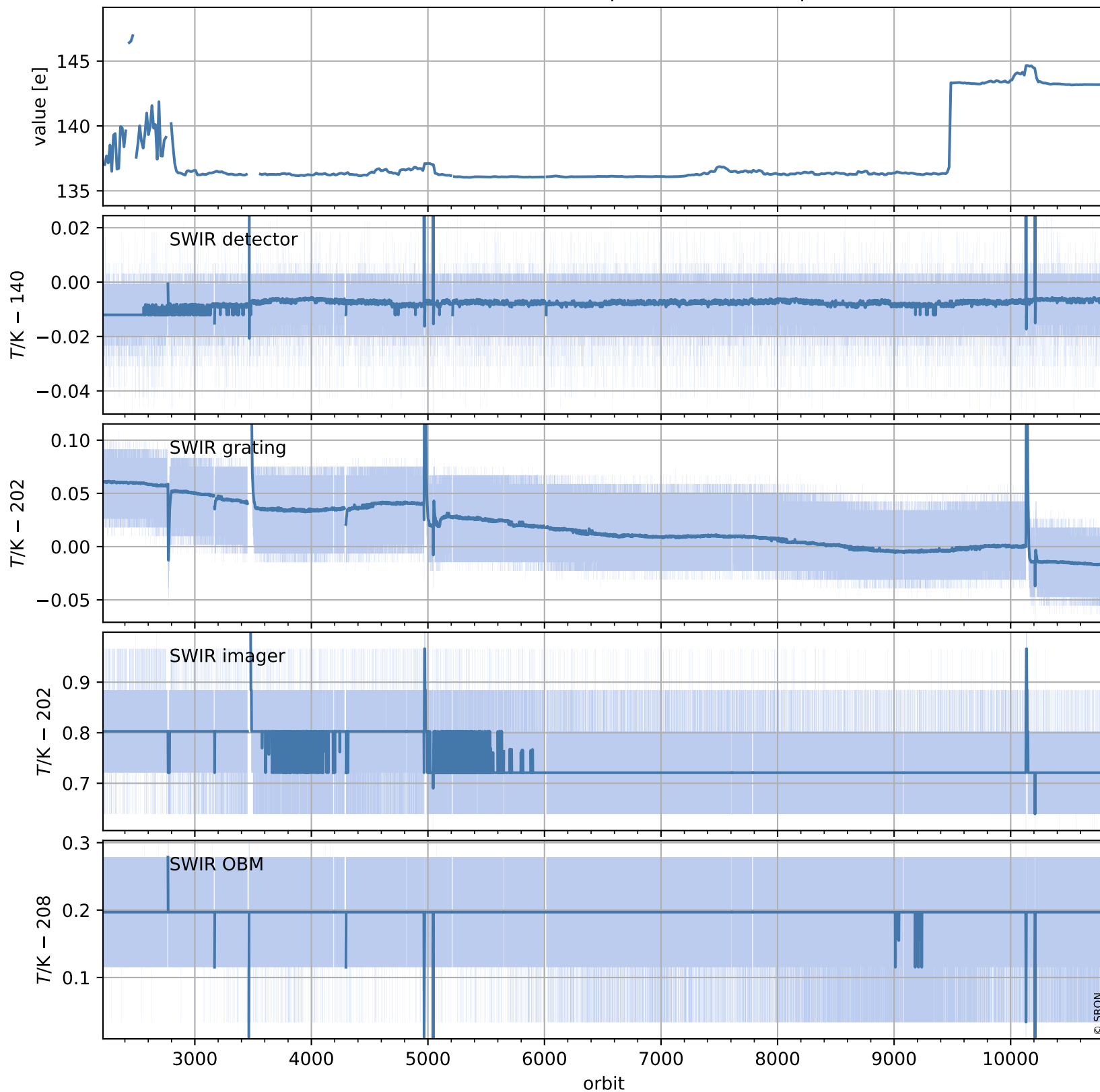
orbits : 12 in [10732, 10807]  
coverage : 2019-11-08 / 2019-11-13  
created : 2023-08-21T15:15:03



# Tropomi SWIR background noise (swir)

orbits : [2212, 10807]  
coverage : 2018-03-18 / 2019-11-13  
created : 2023-08-21T15:15:03

## trend of detector median of plain noise & temperatures

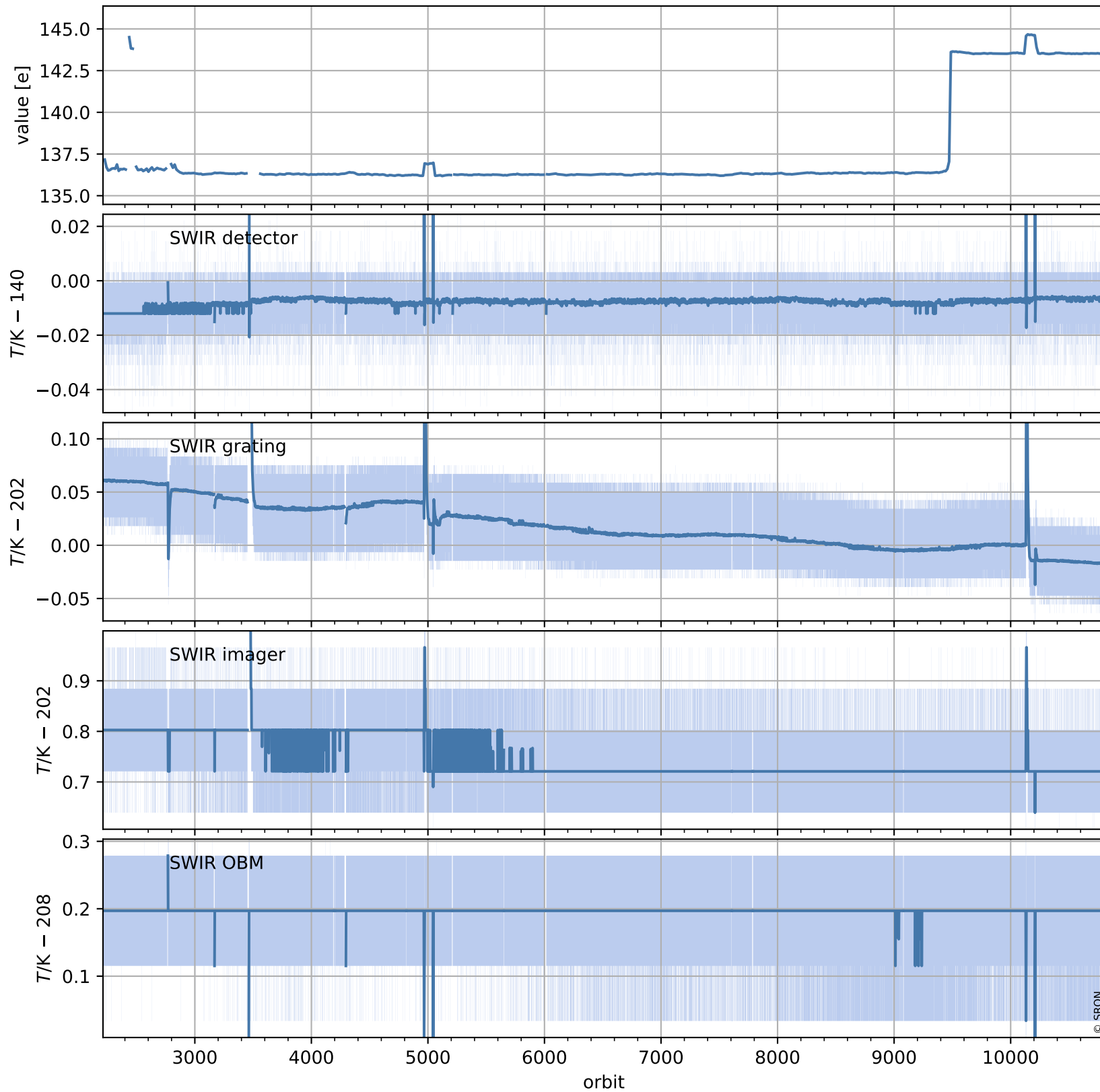




# Tropomi SWIR background noise (swir)

orbits : [2212, 10807]  
coverage : 2018-03-18 / 2019-11-13  
created : 2023-08-21T15:15:04

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10807]  
coverage : 2018-03-18 / 2019-11-13  
created : 2023-08-21T15:15:05

## trend of normalized read-noise & temperatures

