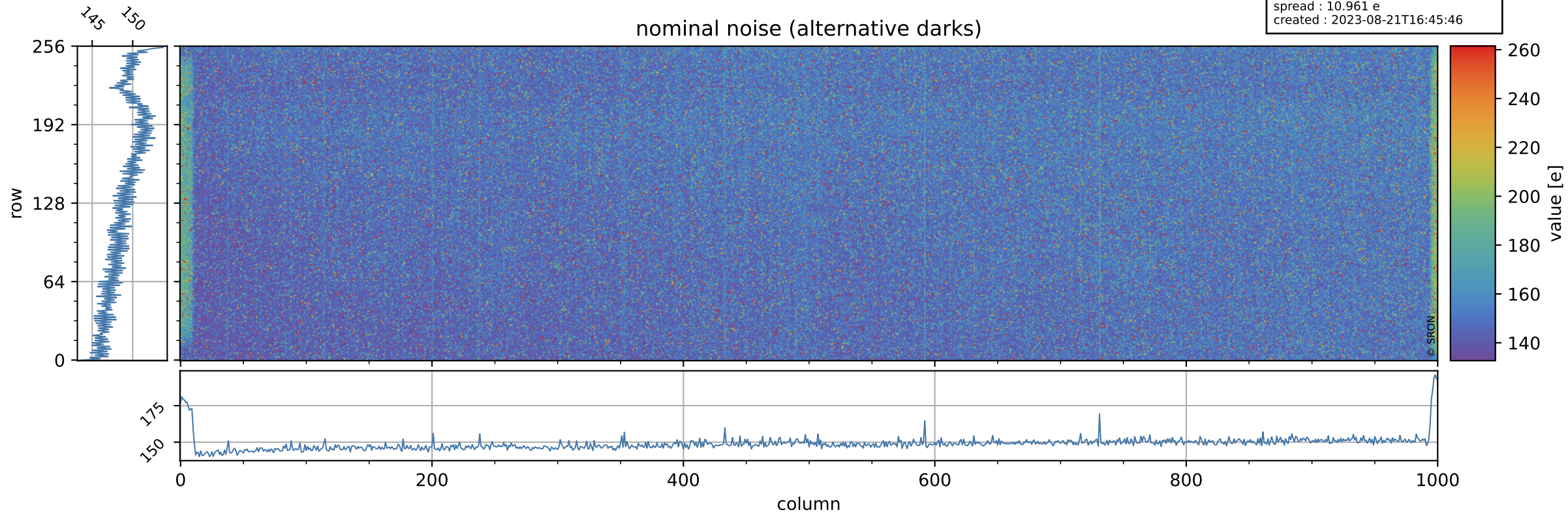


# Tropomi SWIR background noise (swir)

orbits : 13 in [25822, 25912]  
coverage : 2022-10-07 / 2022-10-13  
n\_coad, t\_exp : 1, 1.0783  
median : 148.78 e  
spread : 10.961 e  
created : 2023-08-21T16:45:46

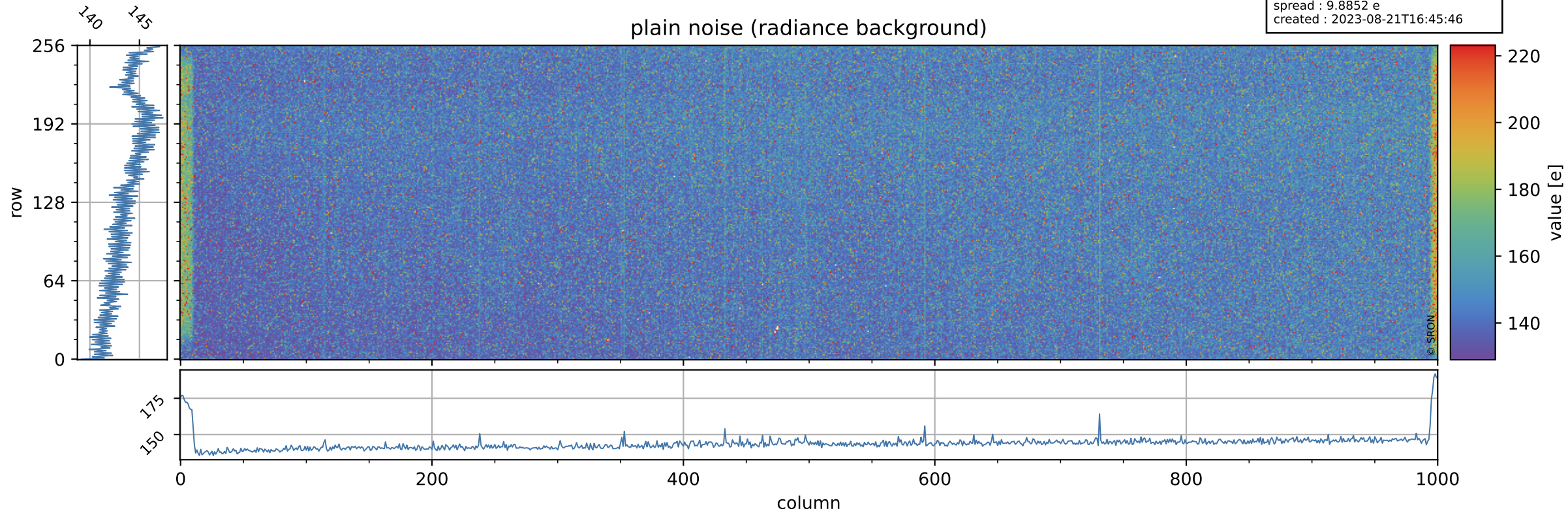
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [25822, 25912]  
coverage : 2022-10-07 / 2022-10-13  
n\_coad, t\_exp : 1, 0.8383  
median : 143.56 e  
spread : 9.8852 e  
created : 2023-08-21T16:45:46

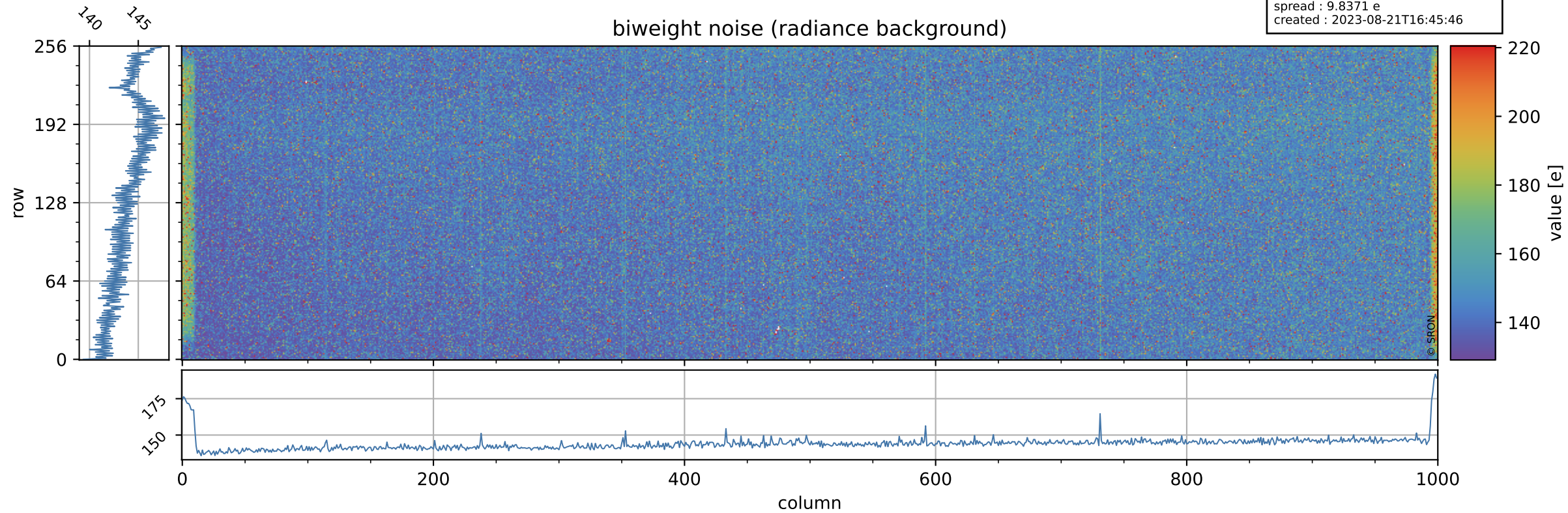
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [25822, 25912]  
coverage : 2022-10-07 / 2022-10-13  
n\_coad, t\_exp : 1, 0.8383  
median : 143.83 e  
spread : 9.8371 e  
created : 2023-08-21T16:45:46

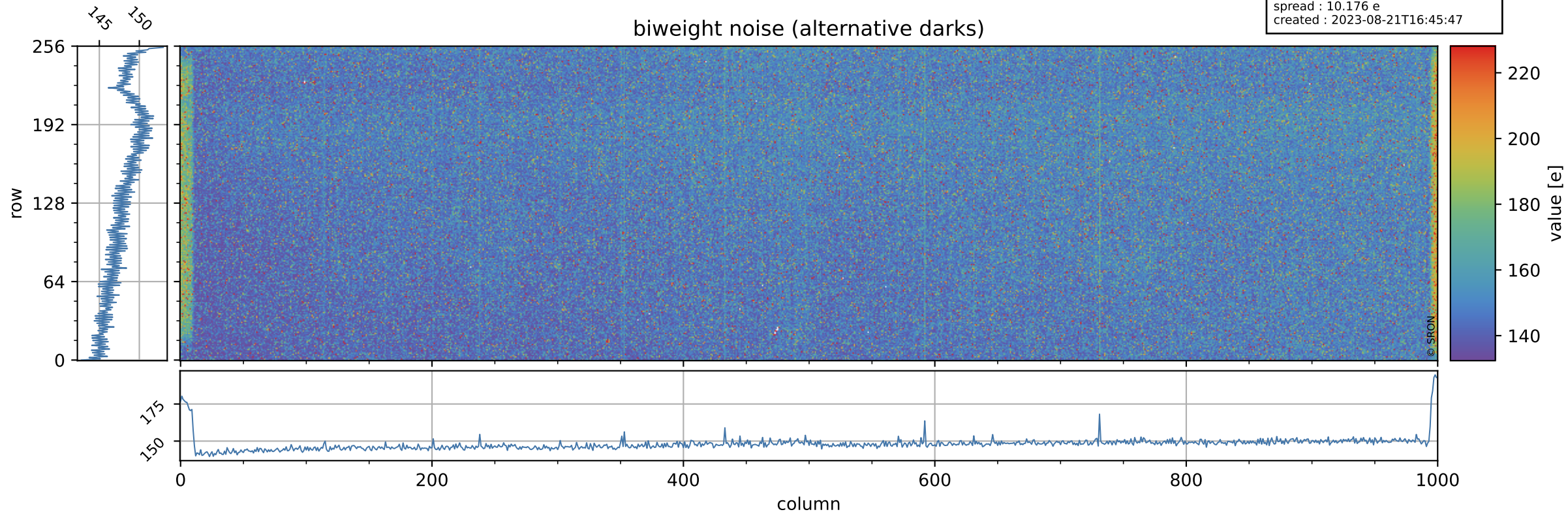
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [25822, 25912]  
coverage : 2022-10-07 / 2022-10-13  
n\_coad, t\_exp : 1, 1.0783  
median : 147.84 e  
spread : 10.176 e  
created : 2023-08-21T16:45:47

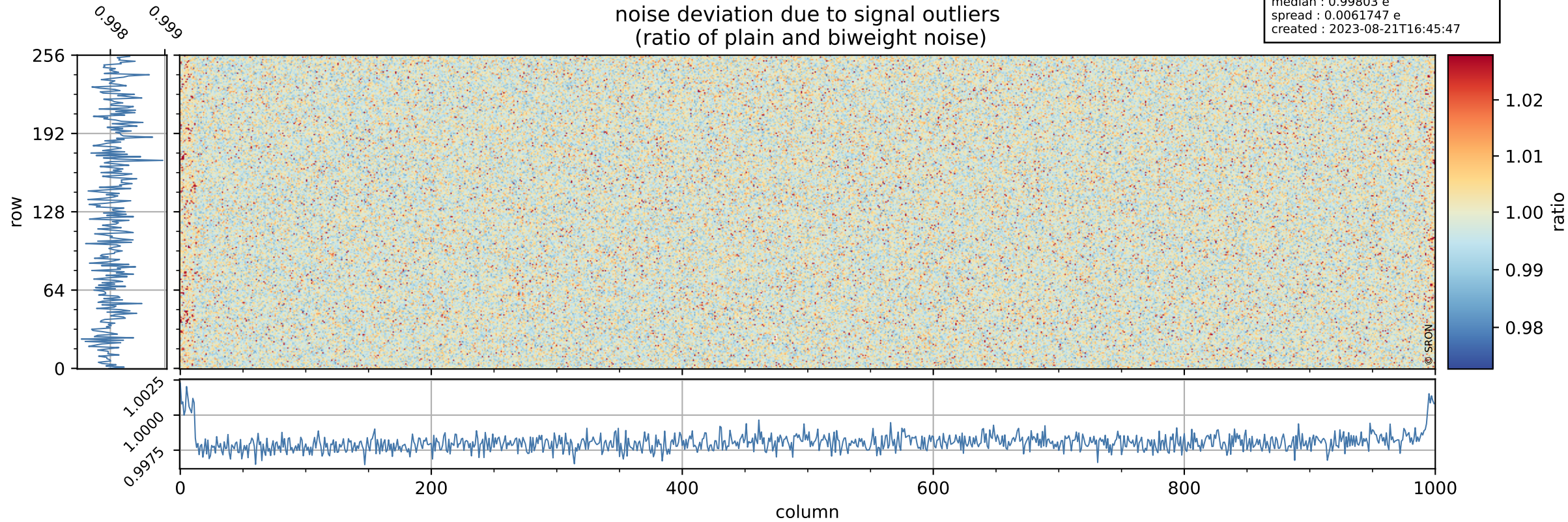
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

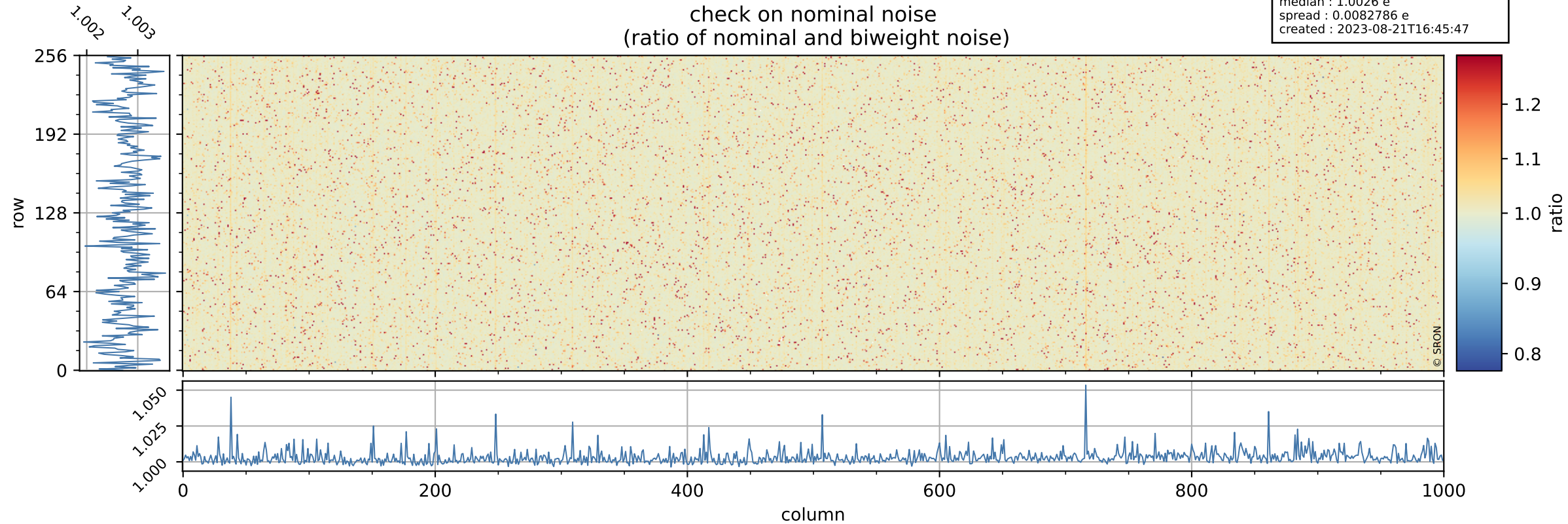
orbits : 13 in [25822, 25912]  
coverage : 2022-10-07 / 2022-10-13  
median : 0.99803 e  
spread : 0.0061747 e  
created : 2023-08-21T16:45:47



# Tropomi SWIR background noise (swir)

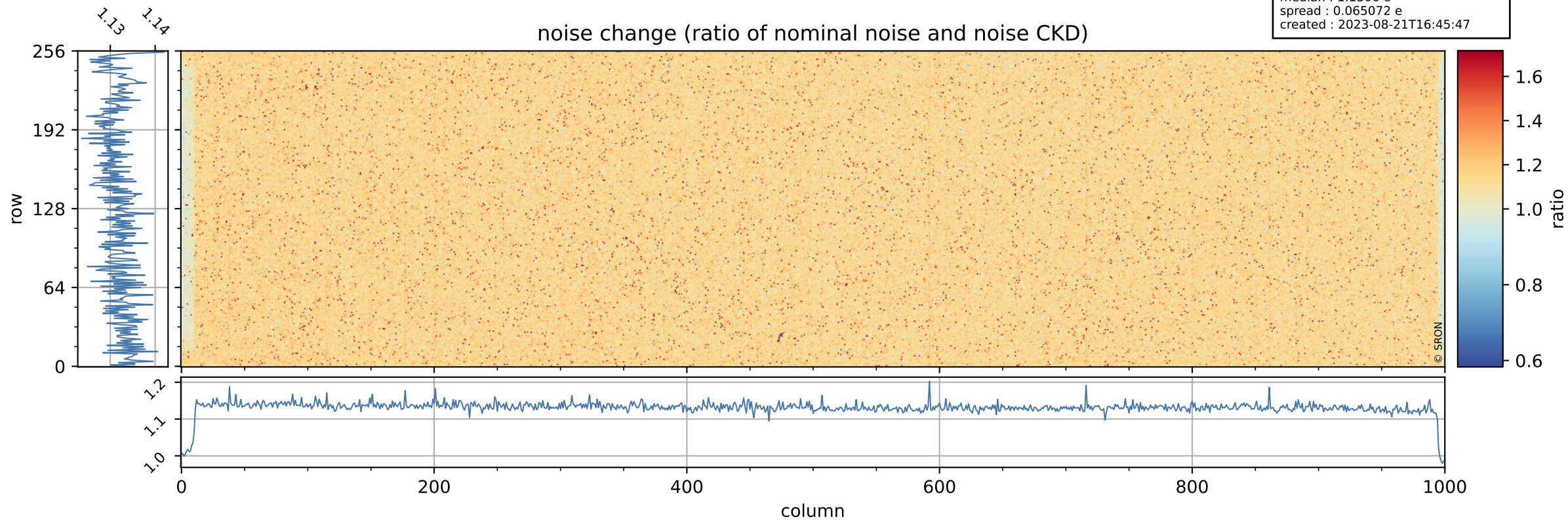
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [25822, 25912]  
coverage : 2022-10-07 / 2022-10-13  
median : 1.0026 e  
spread : 0.0082786 e  
created : 2023-08-21T16:45:47



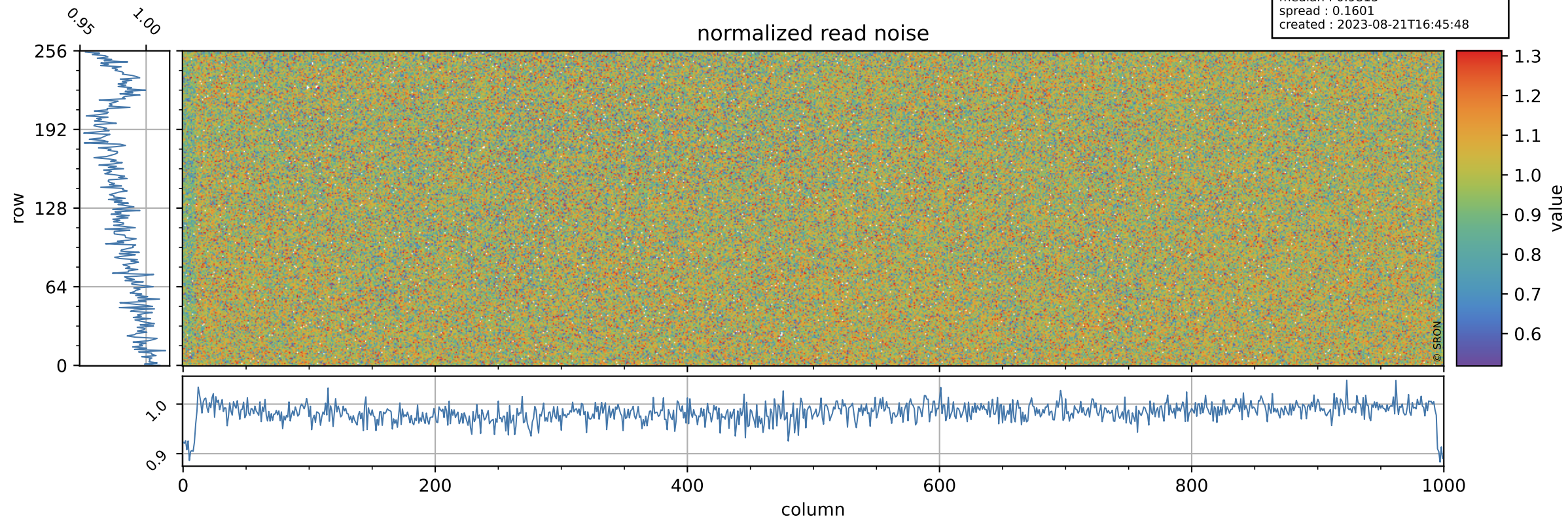
# Tropomi SWIR background noise (swir)

orbits : 13 in [25822, 25912]  
coverage : 2022-10-07 / 2022-10-13  
median : 1.1306 e  
spread : 0.065072 e  
created : 2023-08-21T16:45:47



# Tropomi SWIR background noise (swir)

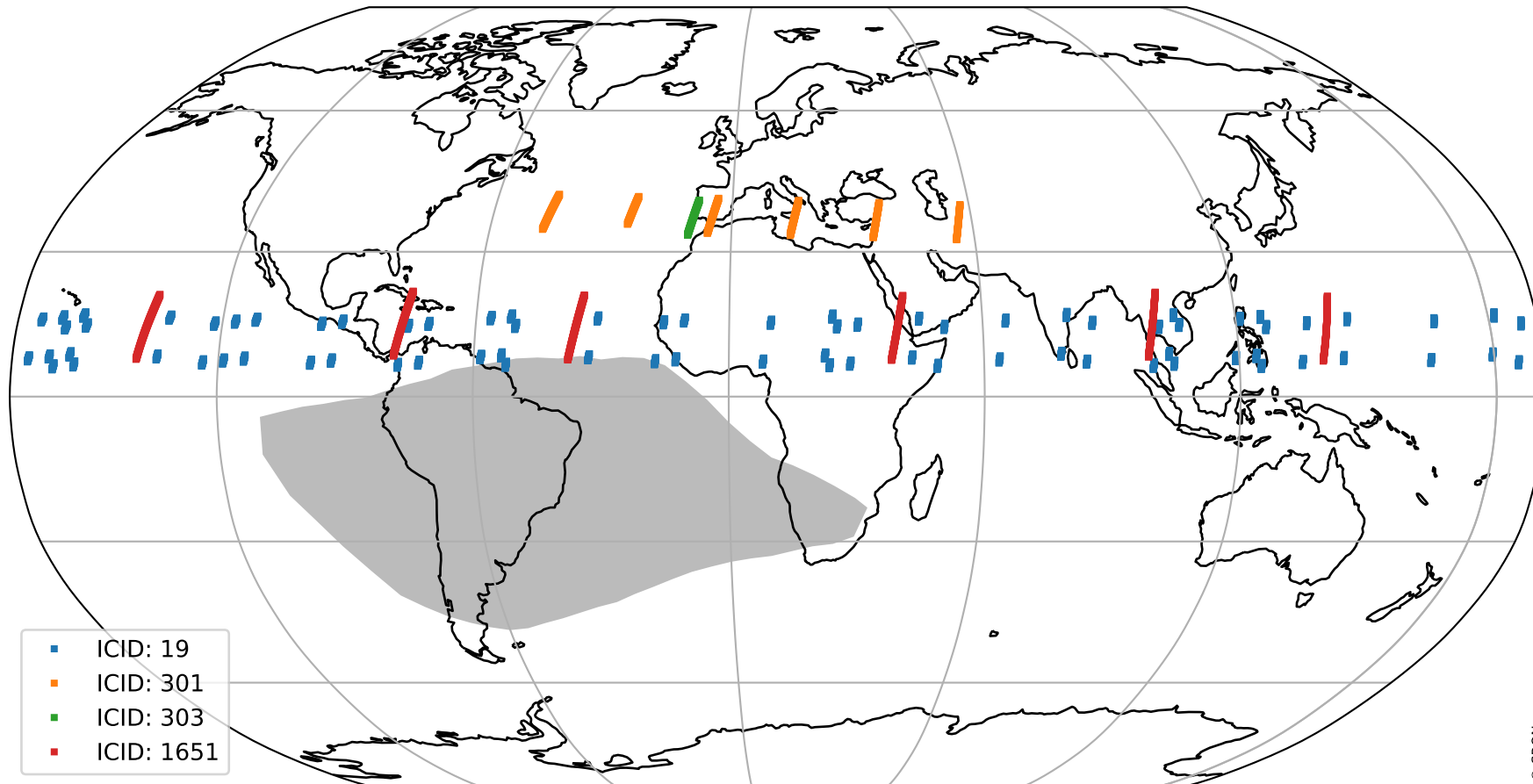
orbits : 13 in [25822, 25912]  
coverage : 2022-10-07 / 2022-10-13  
median : 0.9815  
spread : 0.1601  
created : 2023-08-21T16:45:48





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

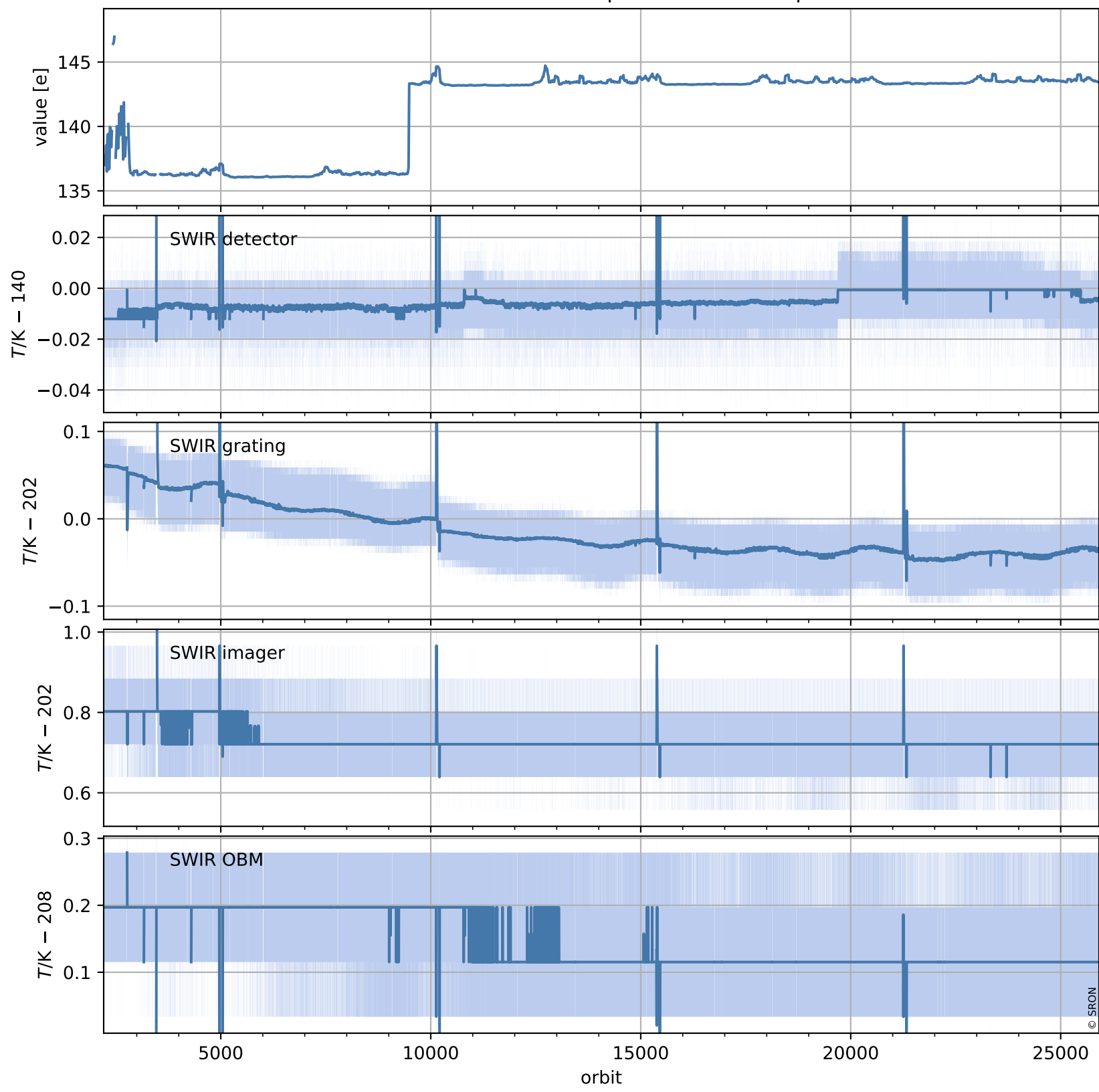
orbits : 13 in [25822, 25912]  
coverage : 2022-10-07 / 2022-10-13  
created : 2023-08-21T16:45:48



# Tropomi SWIR background noise (swir)

orbits : [2212, 25912]  
coverage : 2018-03-18 / 2022-10-13  
created : 2023-08-21T16:45:48

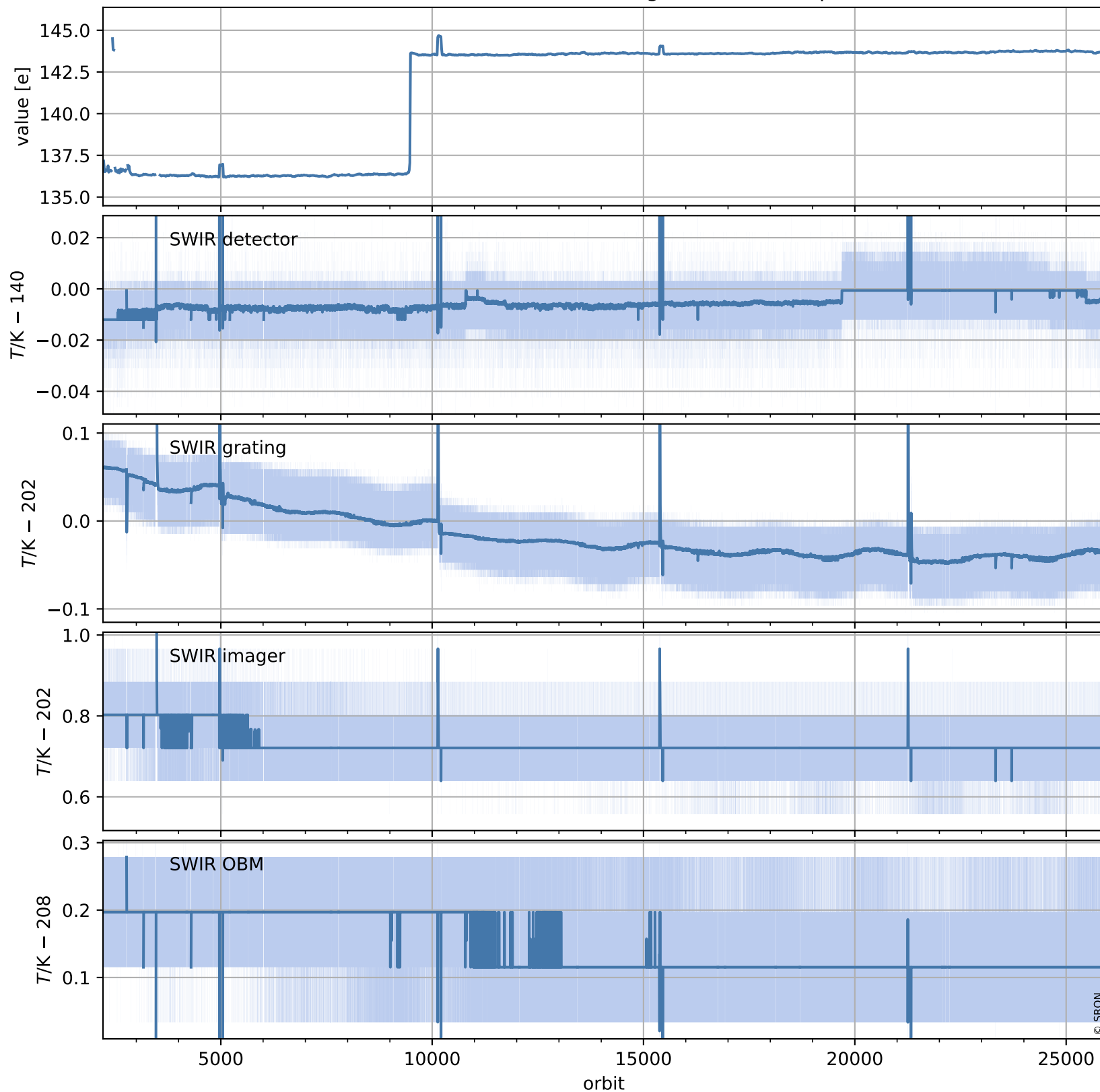
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25912]  
coverage : 2018-03-18 / 2022-10-13  
created : 2023-08-21T16:45:49

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25912]  
coverage : 2018-03-18 / 2022-10-13  
created : 2023-08-21T16:45:50

## trend of normalized read-noise & temperatures

