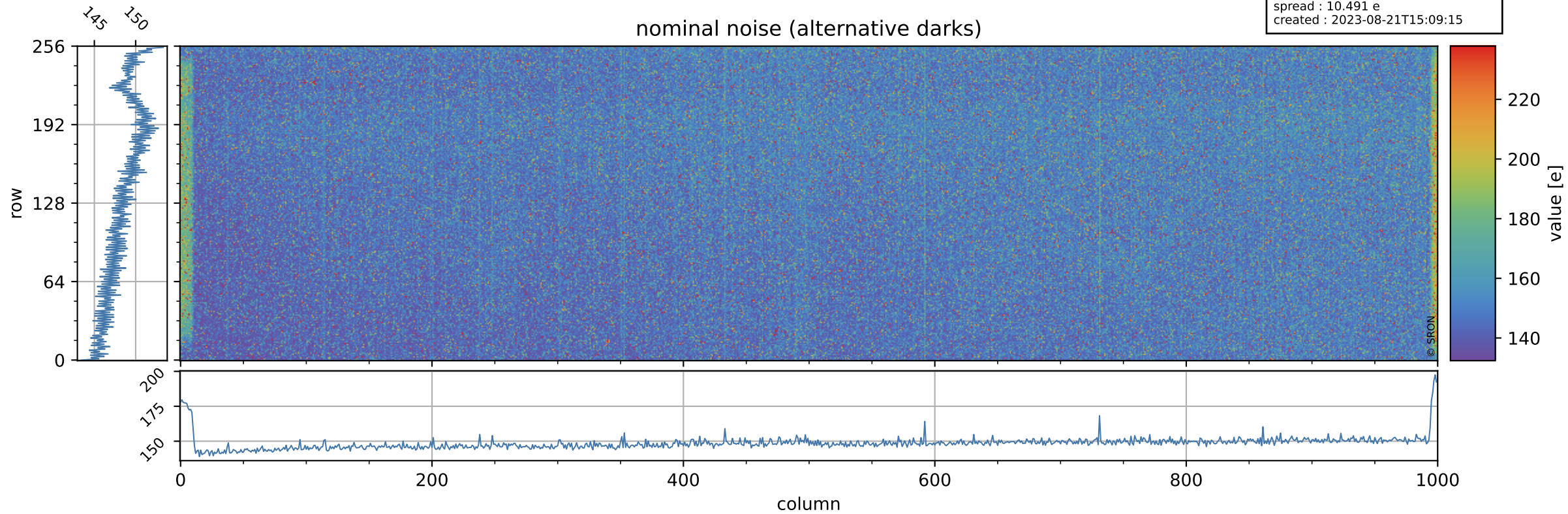


# Tropomi SWIR background noise (swir)

orbits : 13 in [10012, 10087]  
coverage : 2019-09-18 / 2019-09-23  
n\_coad, t\_exp : 1, 1.0783  
median : 148.38 e  
spread : 10.491 e  
created : 2023-08-21T15:09:15

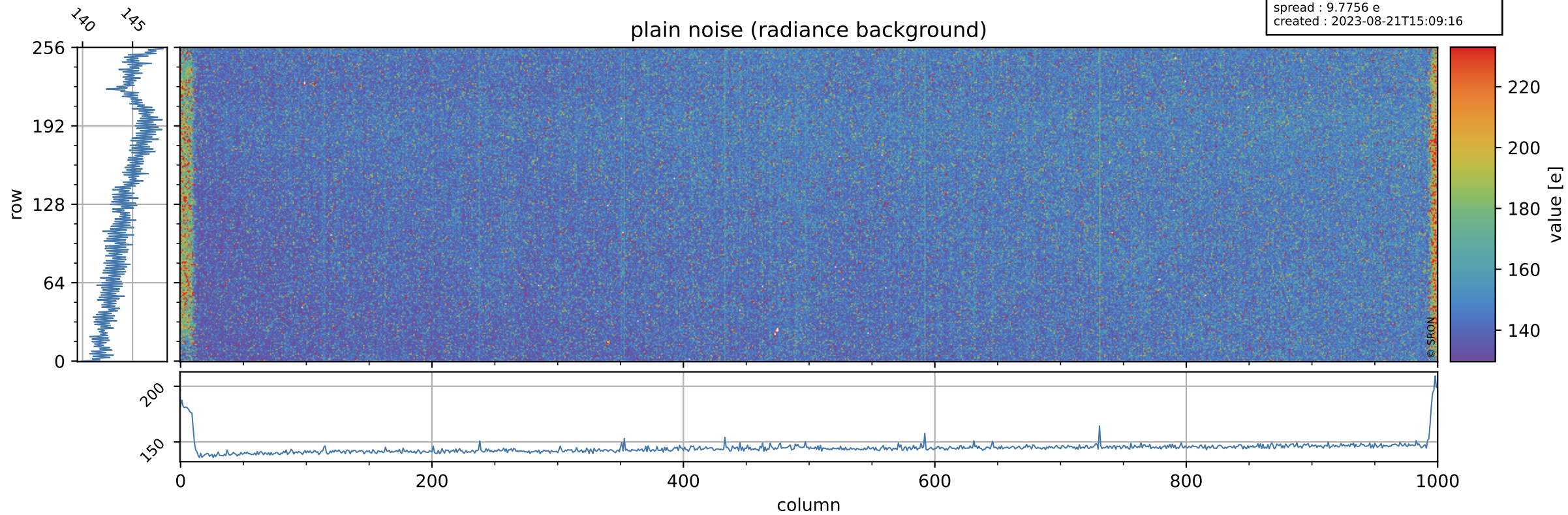
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [10012, 10087]  
coverage : 2019-09-18 / 2019-09-23  
n\_coad, t\_exp : 1, 0.8383  
median : 144.16 e  
spread : 9.7756 e  
created : 2023-08-21T15:09:16

## plain noise (radiance background)

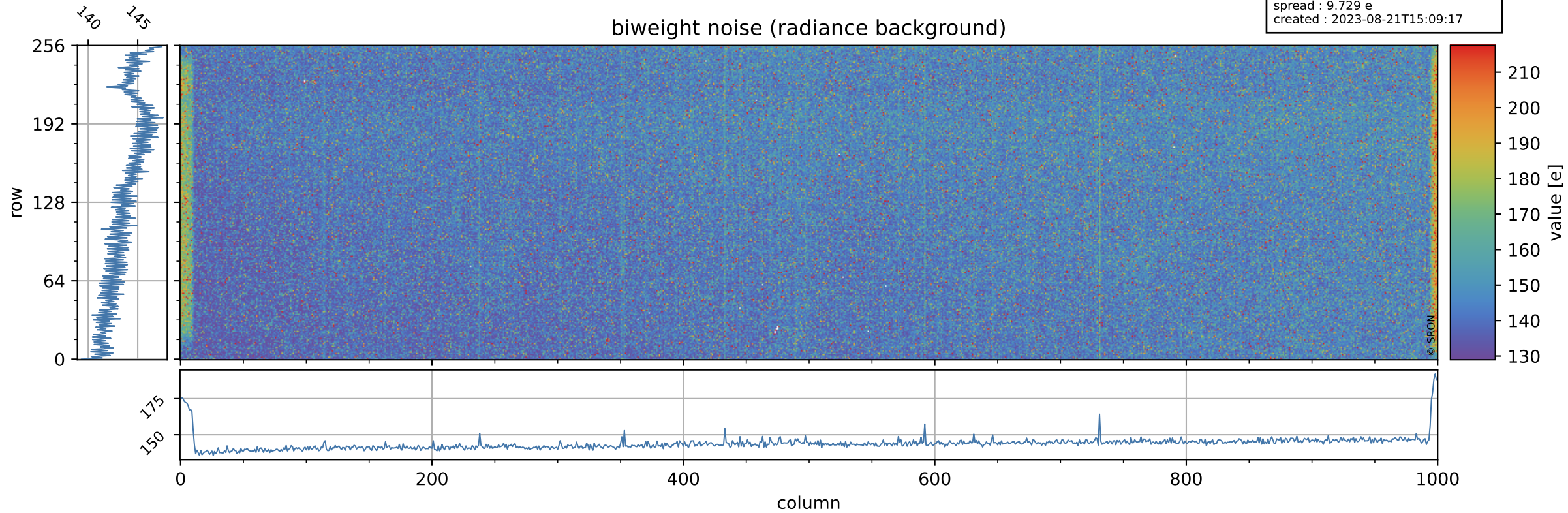




# Tropomi SWIR background noise (swir)

orbits : 13 in [10012, 10087]  
coverage : 2019-09-18 / 2019-09-23  
n\_coad, t\_exp : 1, 0.8383  
median : 143.68 e  
spread : 9.729 e  
created : 2023-08-21T15:09:17

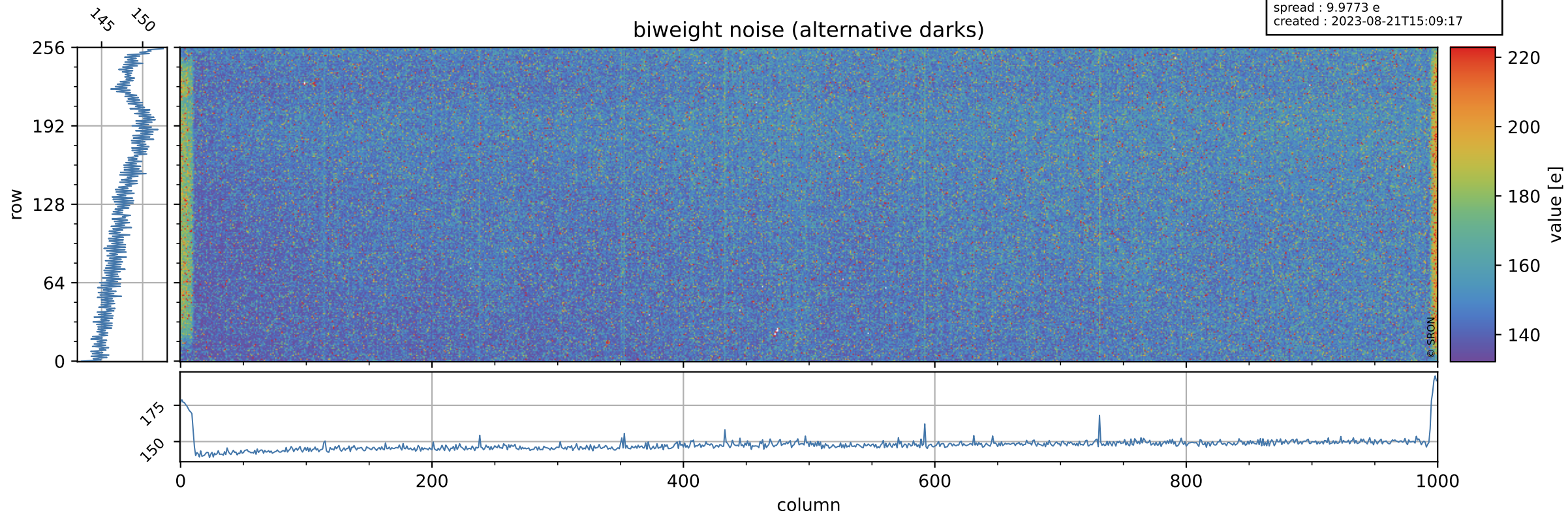
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [10012, 10087]  
coverage : 2019-09-18 / 2019-09-23  
n\_coad, t\_exp : 1, 1.0783  
median : 147.57 e  
spread : 9.9773 e  
created : 2023-08-21T15:09:17

## biweight noise (alternative darks)

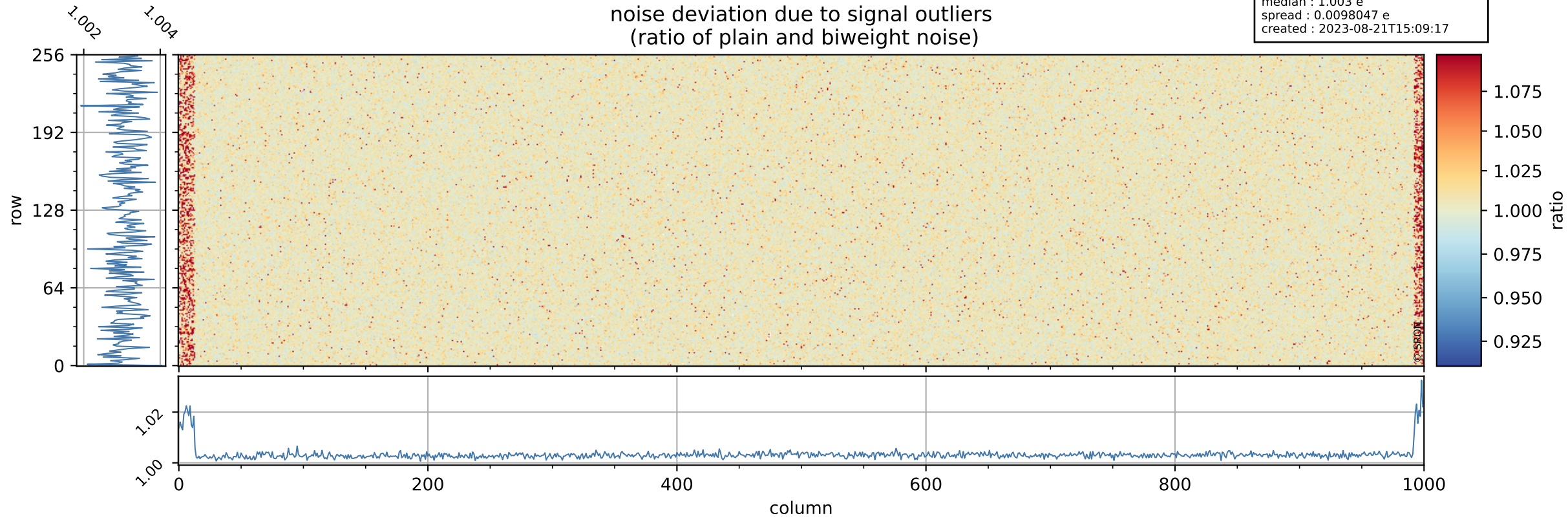




# Tropomi SWIR background noise (swir)

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

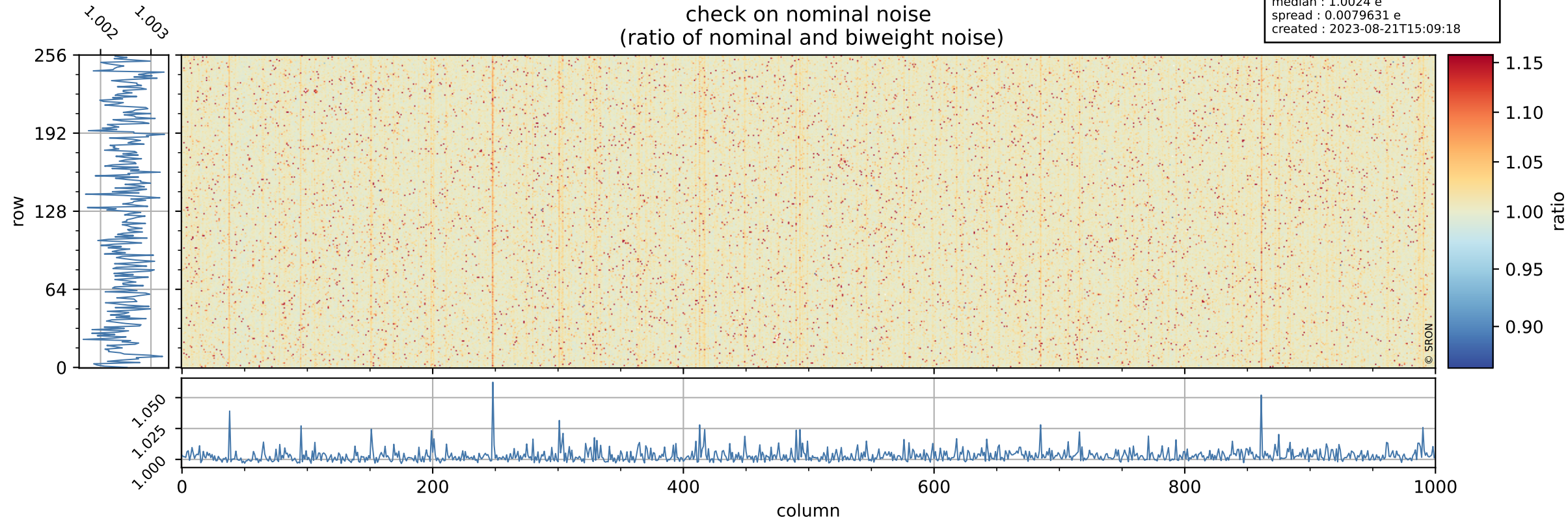
orbits : 13 in [10012, 10087]  
coverage : 2019-09-18 / 2019-09-23  
median : 1.003 e  
spread : 0.0098047 e  
created : 2023-08-21T15:09:17



# Tropomi SWIR background noise (swir)

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

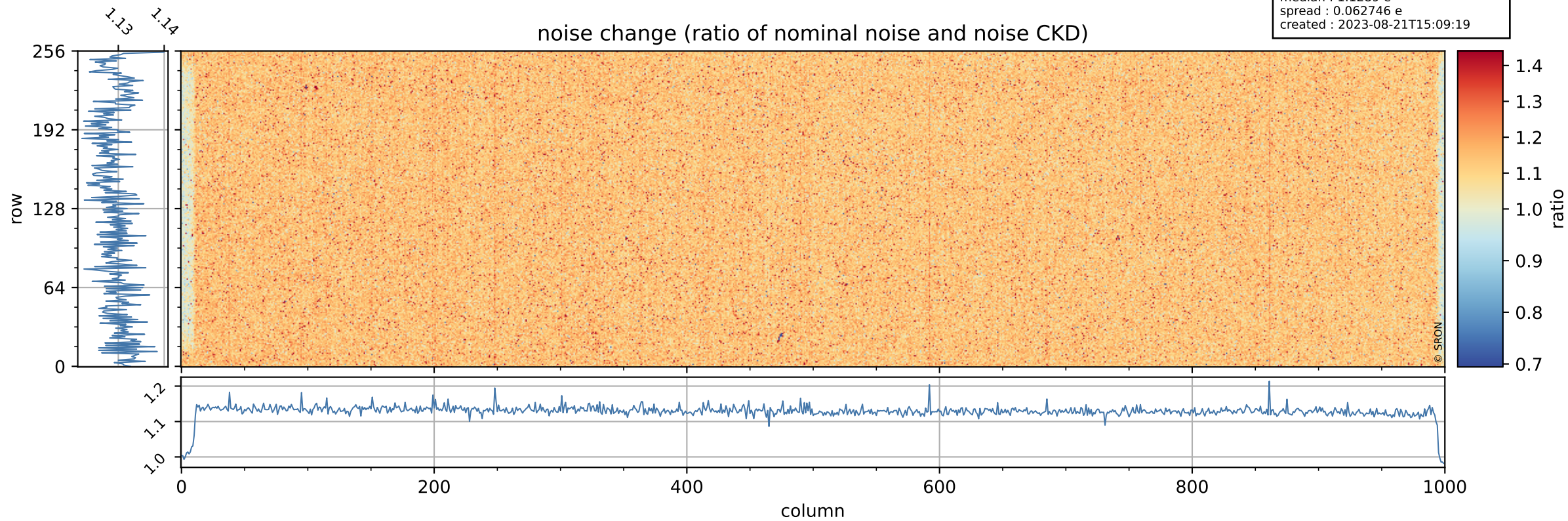
orbits : 13 in [10012, 10087]  
coverage : 2019-09-18 / 2019-09-23  
median : 1.0024 e  
spread : 0.0079631 e  
created : 2023-08-21T15:09:18





# Tropomi SWIR background noise (swir)

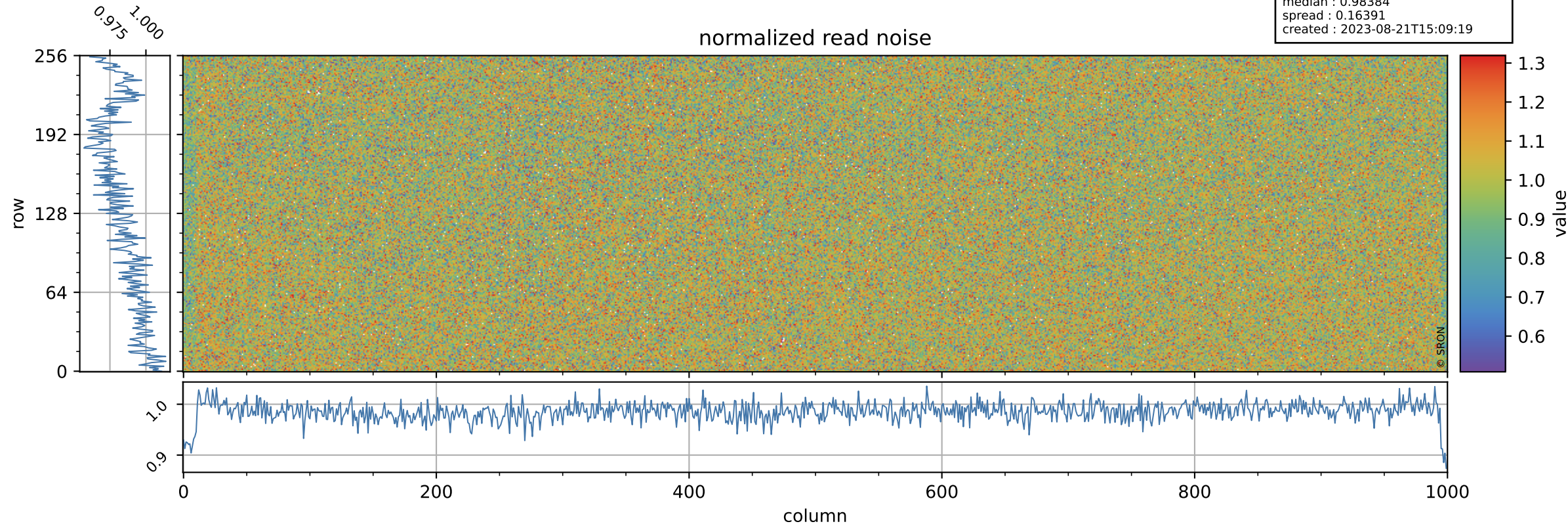
orbits : 13 in [10012, 10087]  
coverage : 2019-09-18 / 2019-09-23  
median : 1.1289 e  
spread : 0.062746 e  
created : 2023-08-21T15:09:19





# Tropomi SWIR background noise (swir)

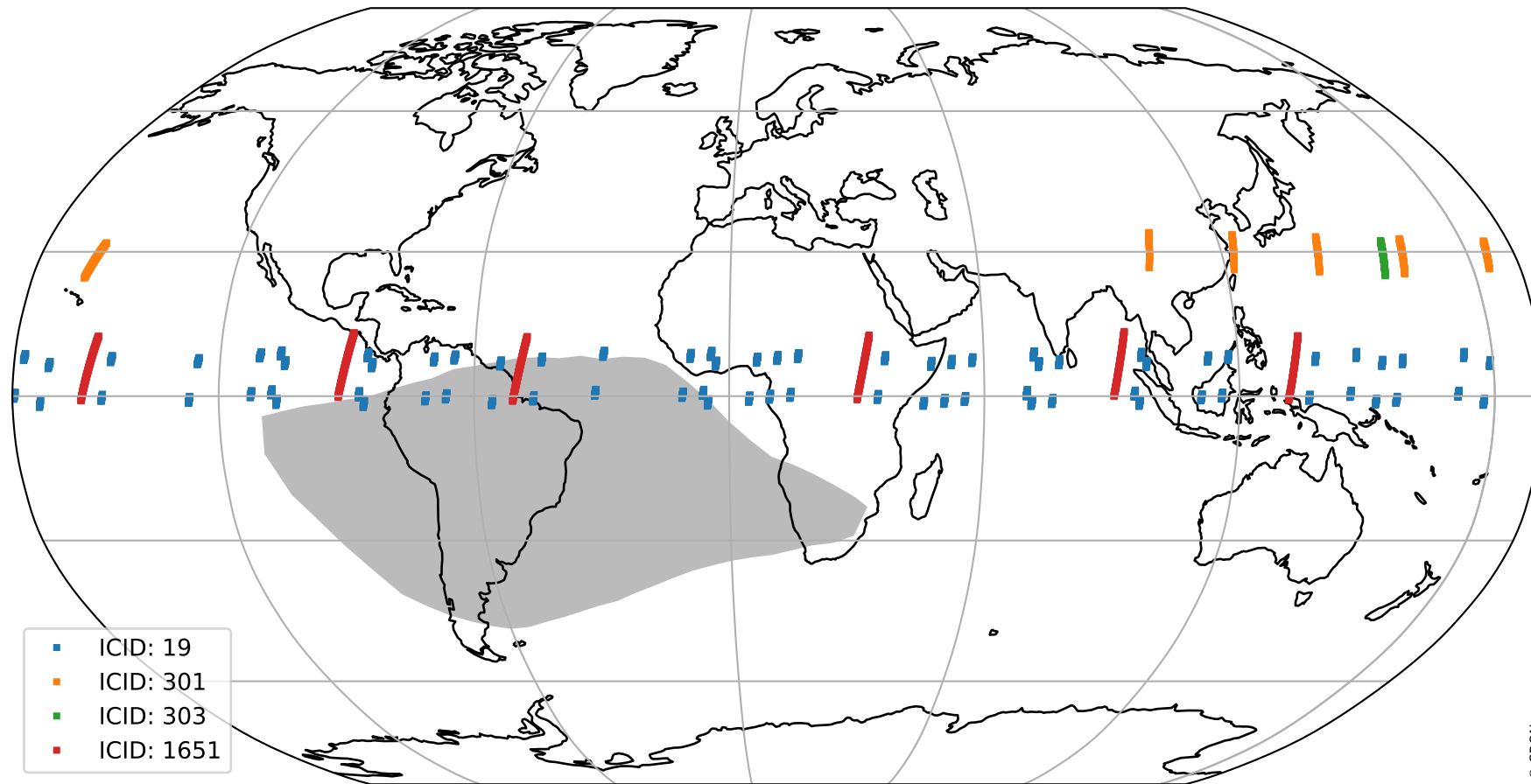
orbits : 13 in [10012, 10087]  
coverage : 2019-09-18 / 2019-09-23  
median : 0.98384  
spread : 0.16391  
created : 2023-08-21T15:09:19





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

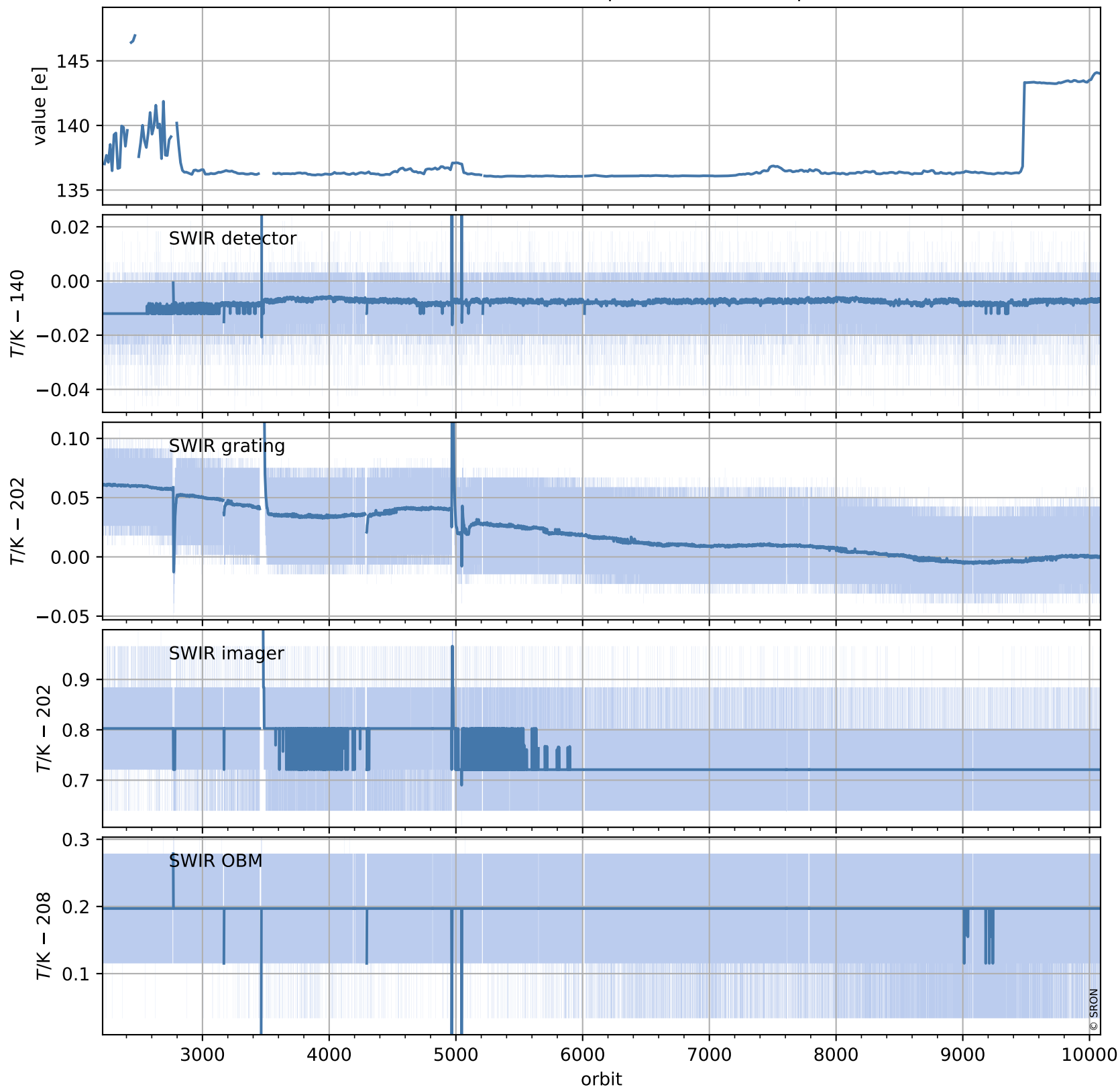
orbits : 13 in [10012, 10087]  
coverage : 2019-09-18 / 2019-09-23  
created : 2023-08-21T15:09:19



# Tropomi SWIR background noise (swir)

orbits : [2212, 10087]  
coverage : 2018-03-18 / 2019-09-23  
created : 2023-08-21T15:09:20

## trend of detector median of plain noise & temperatures

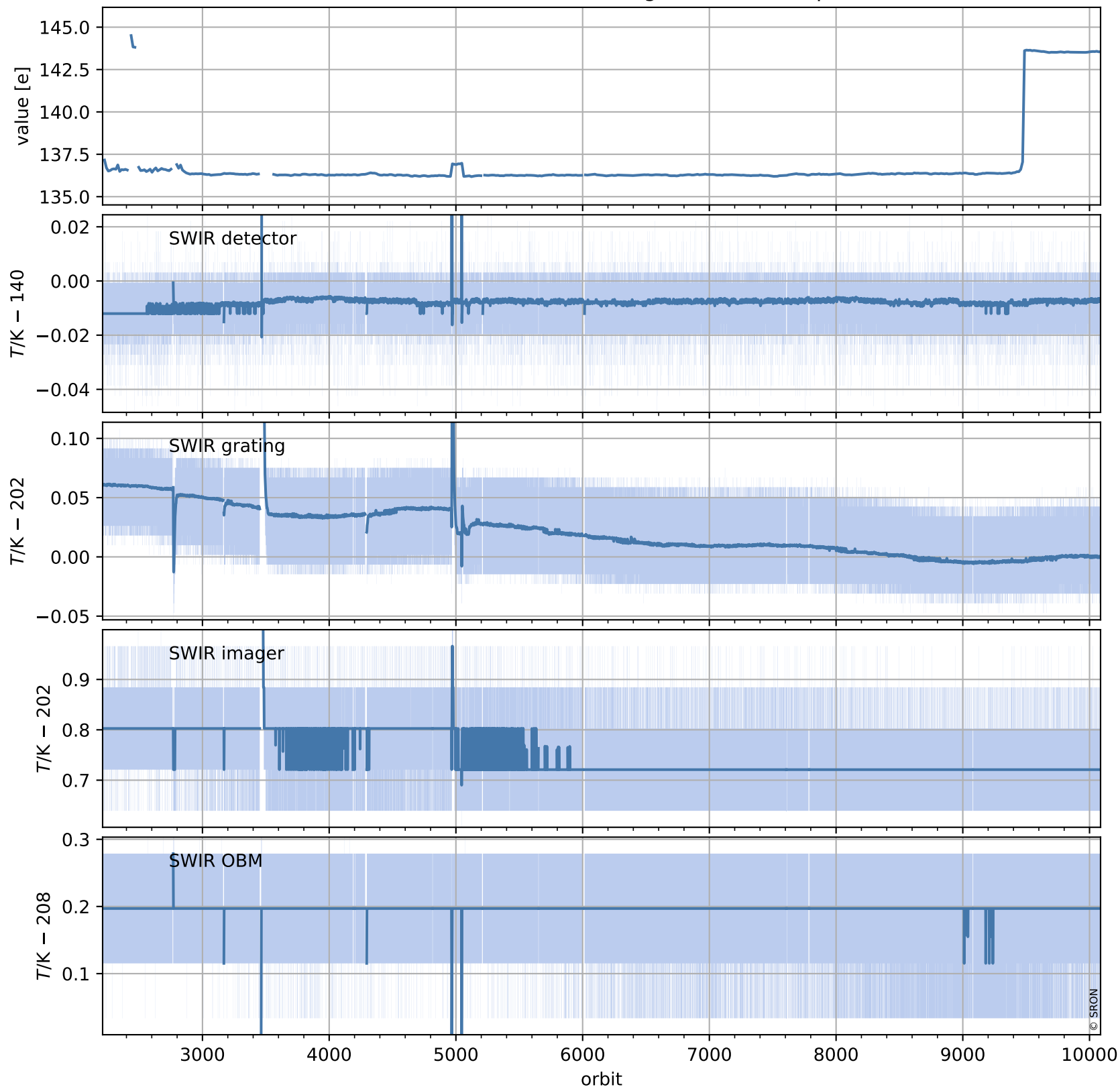




# Tropomi SWIR background noise (swir)

orbits : [2212, 10087]  
coverage : 2018-03-18 / 2019-09-23  
created : 2023-08-21T15:09:21

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10087]  
coverage : 2018-03-18 / 2019-09-23  
created : 2023-08-21T15:09:22

## trend of normalized read-noise & temperatures

