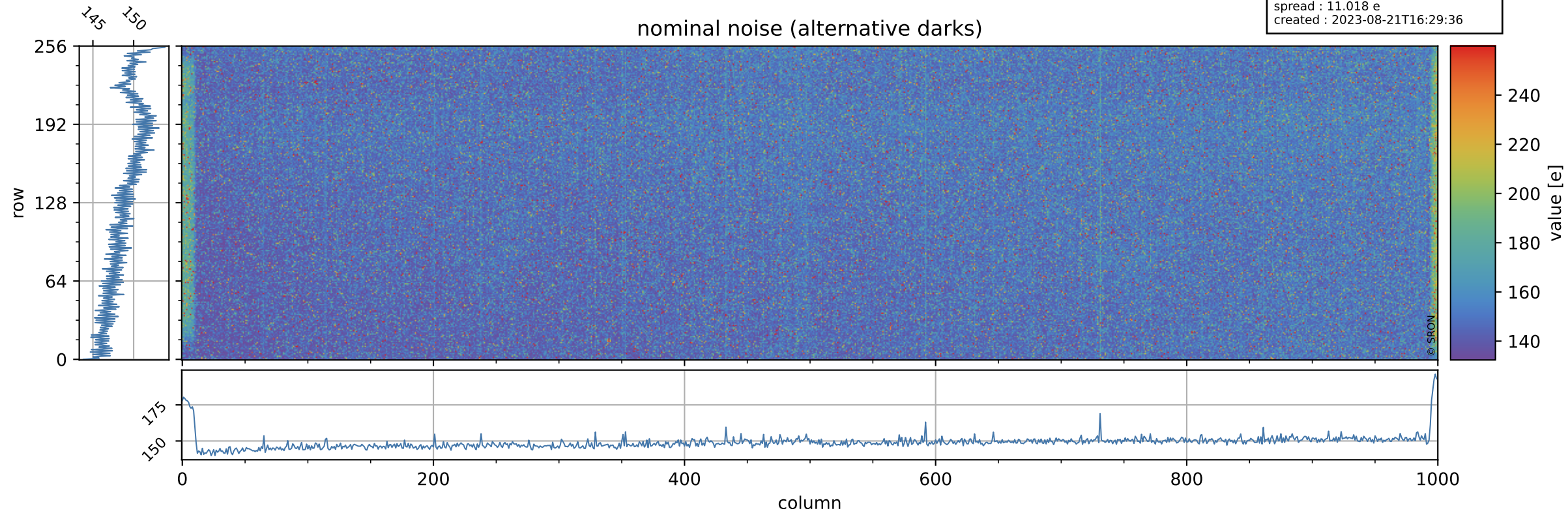


# Tropomi SWIR background noise (swir)

orbits : 12 in [23257, 23332]  
coverage : 2022-04-09 / 2022-04-14  
n\_coad, t\_exp : 1, 1.0783  
median : 148.82 e  
spread : 11.018 e  
created : 2023-08-21T16:29:36

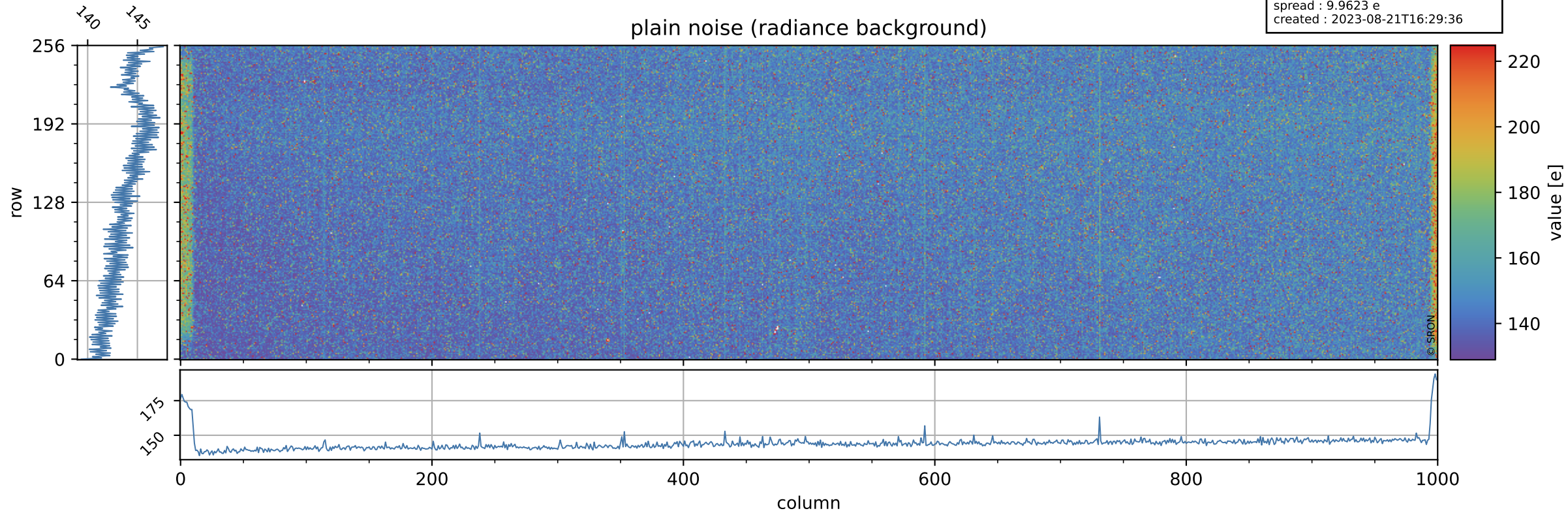
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23257, 23332]  
coverage : 2022-04-09 / 2022-04-14  
n\_coad, t\_exp : 1, 0.8383  
median : 143.71 e  
spread : 9.9623 e  
created : 2023-08-21T16:29:36

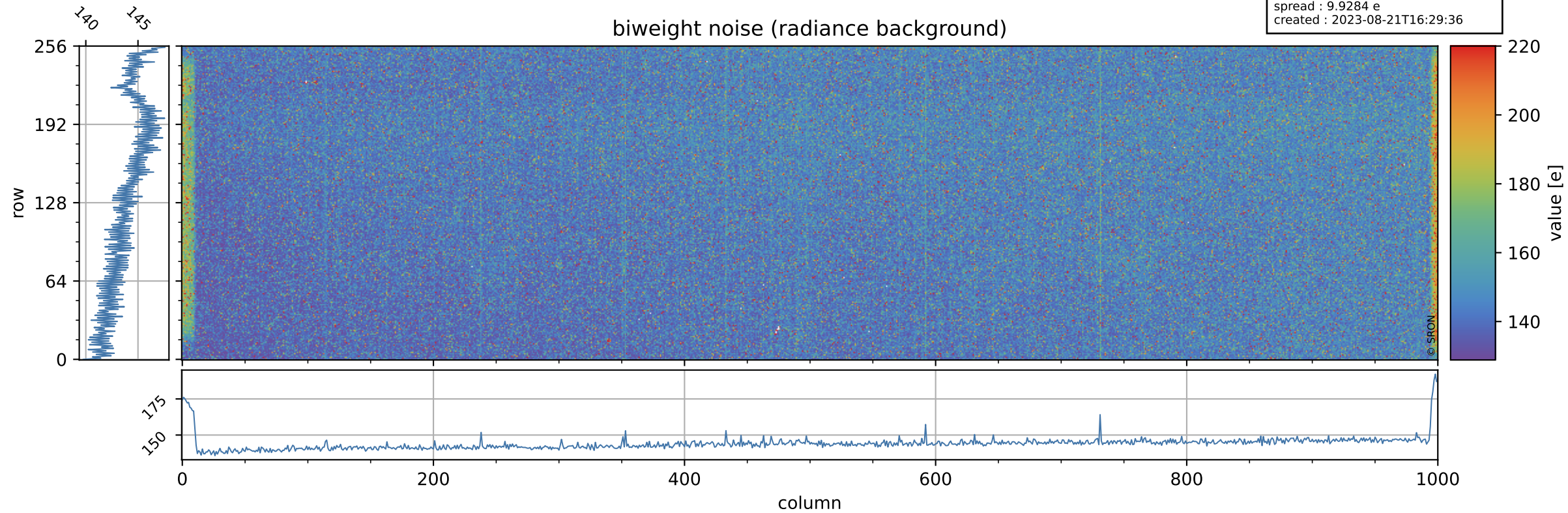
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23257, 23332]  
coverage : 2022-04-09 / 2022-04-14  
n\_coad, t\_exp : 1, 0.8383  
median : 143.83 e  
spread : 9.9284 e  
created : 2023-08-21T16:29:36

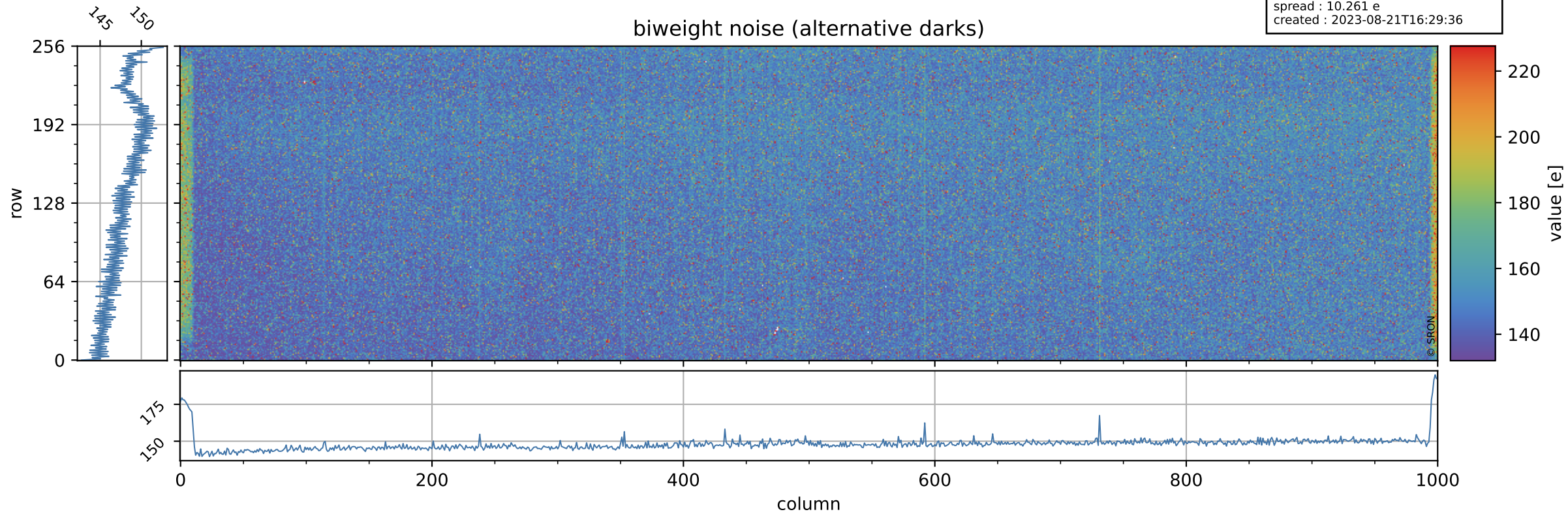
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23257, 23332]  
coverage : 2022-04-09 / 2022-04-14  
n\_coad, t\_exp : 1, 1.0783  
median : 147.77 e  
spread : 10.261 e  
created : 2023-08-21T16:29:36

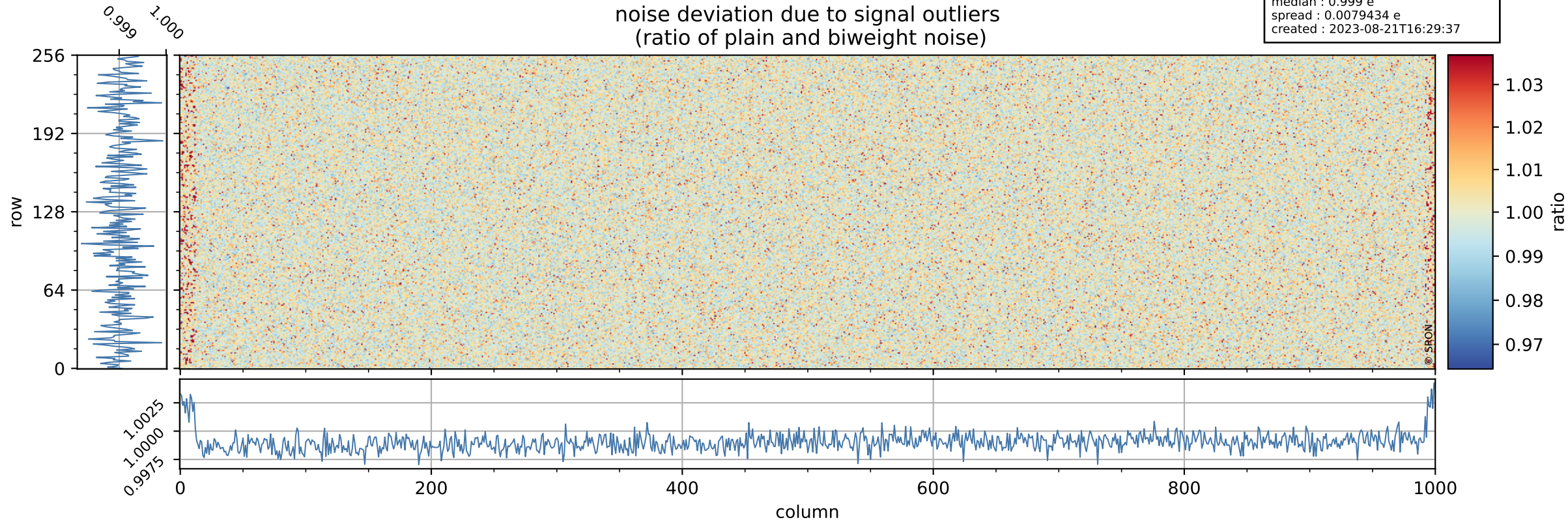
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

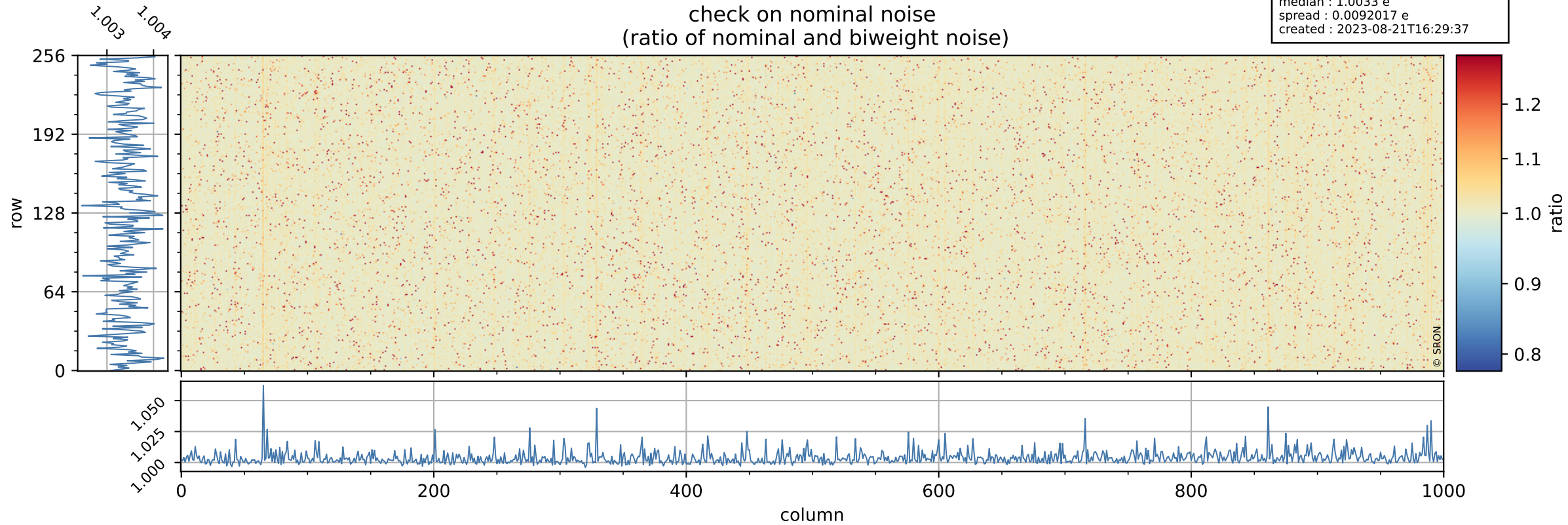
orbits : 12 in [23257, 23332]  
coverage : 2022-04-09 / 2022-04-14  
median : 0.999 e  
spread : 0.0079434 e  
created : 2023-08-21T16:29:37



# Tropomi SWIR background noise (swir)

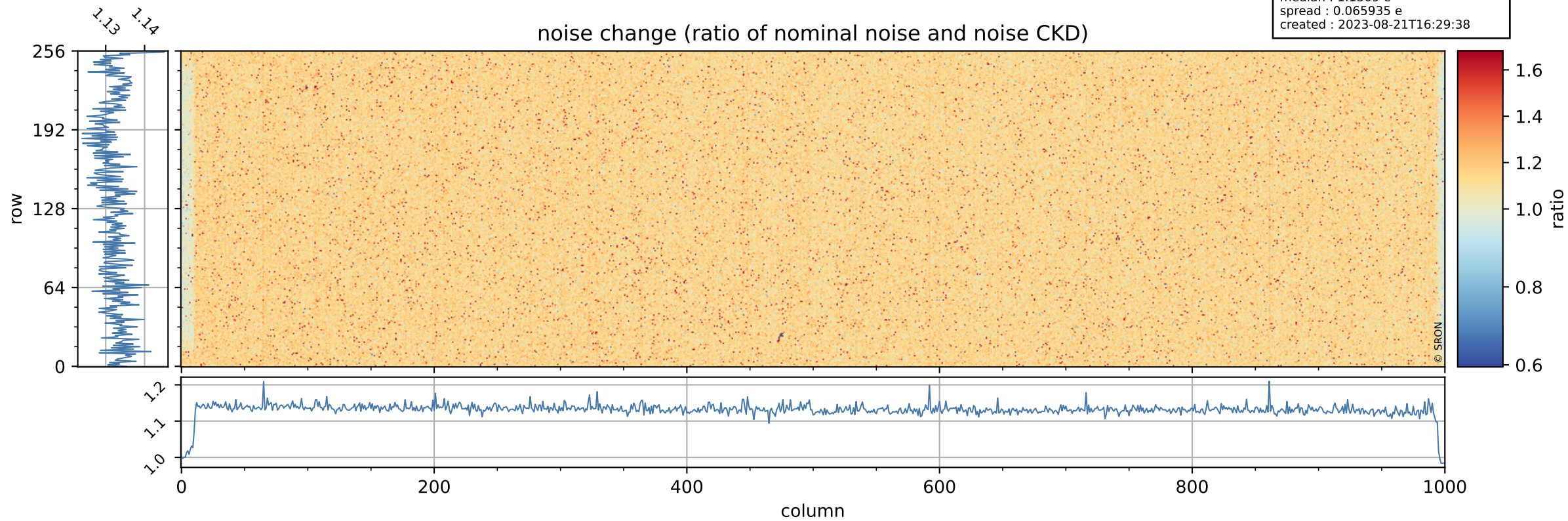
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [23257, 23332]  
coverage : 2022-04-09 / 2022-04-14  
median : 1.0033 e  
spread : 0.0092017 e  
created : 2023-08-21T16:29:37



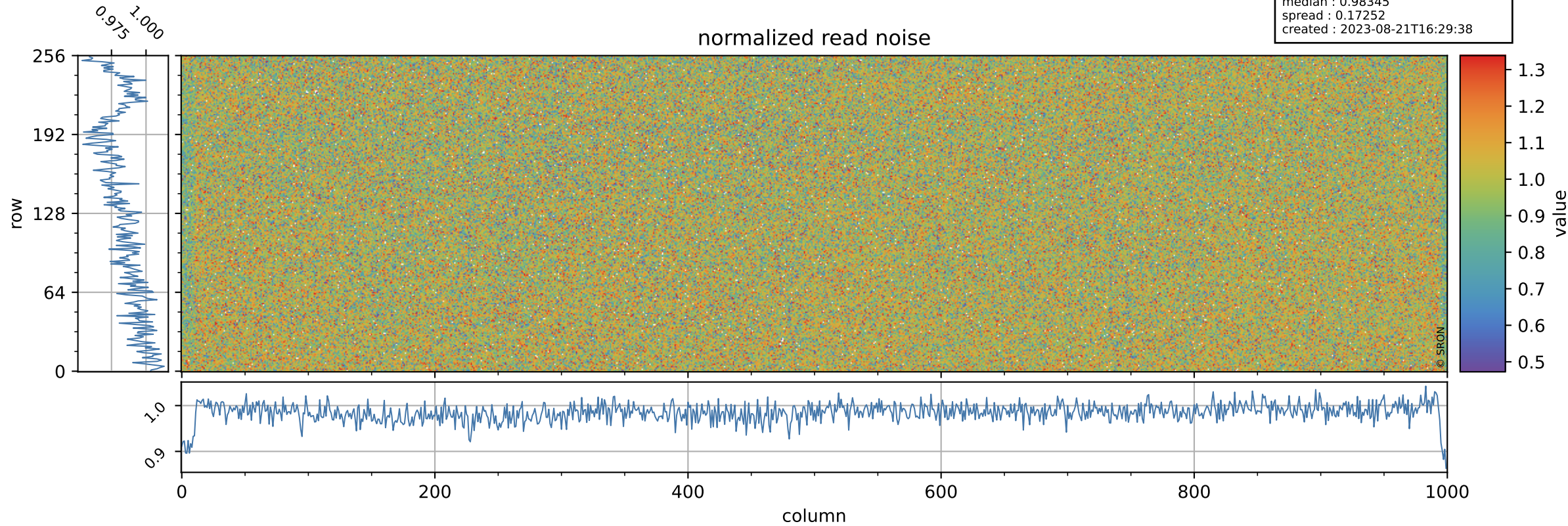
# Tropomi SWIR background noise (swir)

orbits : 12 in [23257, 23332]  
coverage : 2022-04-09 / 2022-04-14  
median : 1.1309 e  
spread : 0.065935 e  
created : 2023-08-21T16:29:38



# Tropomi SWIR background noise (swir)

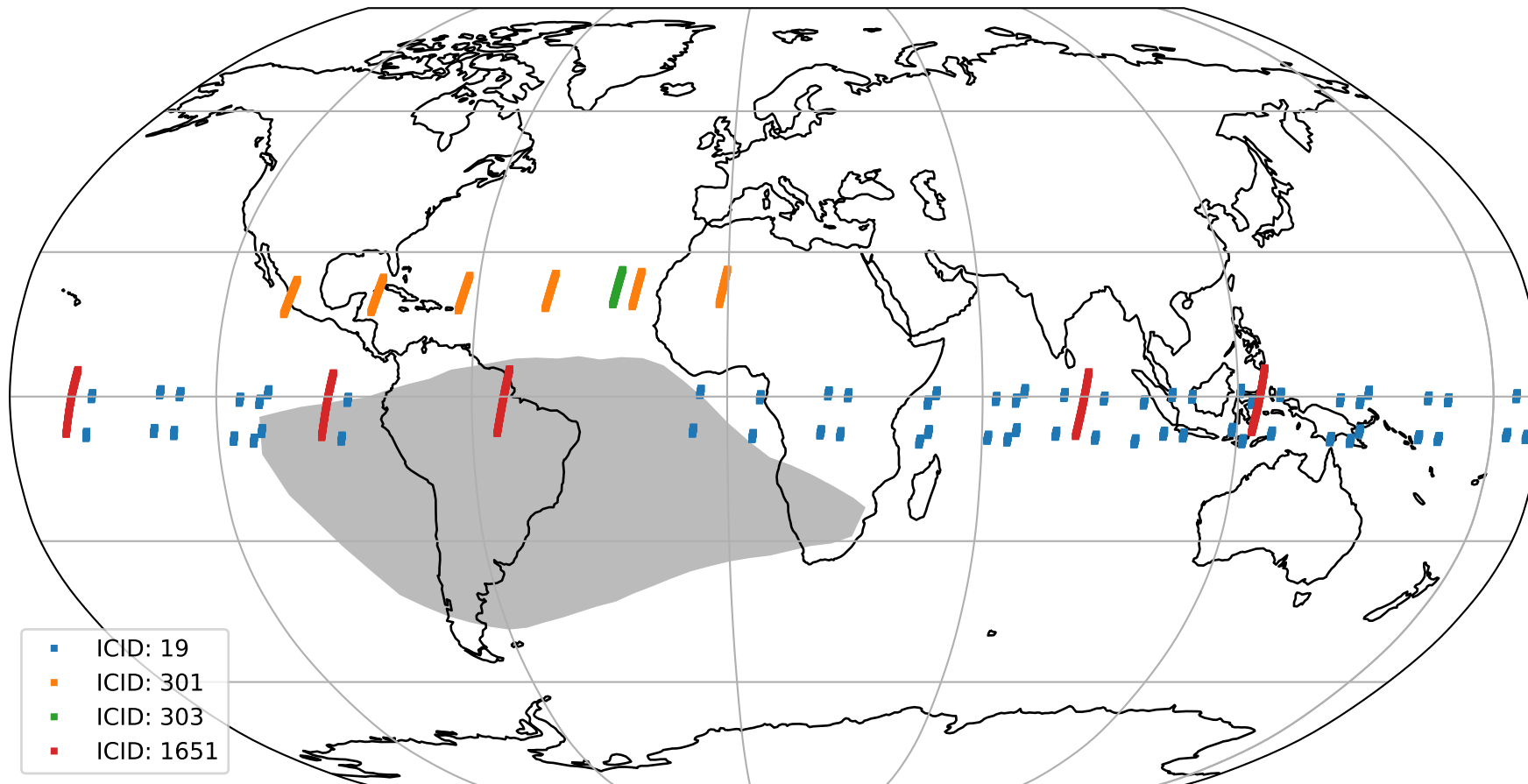
orbits : 12 in [23257, 23332]  
coverage : 2022-04-09 / 2022-04-14  
median : 0.98345  
spread : 0.17252  
created : 2023-08-21T16:29:38





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

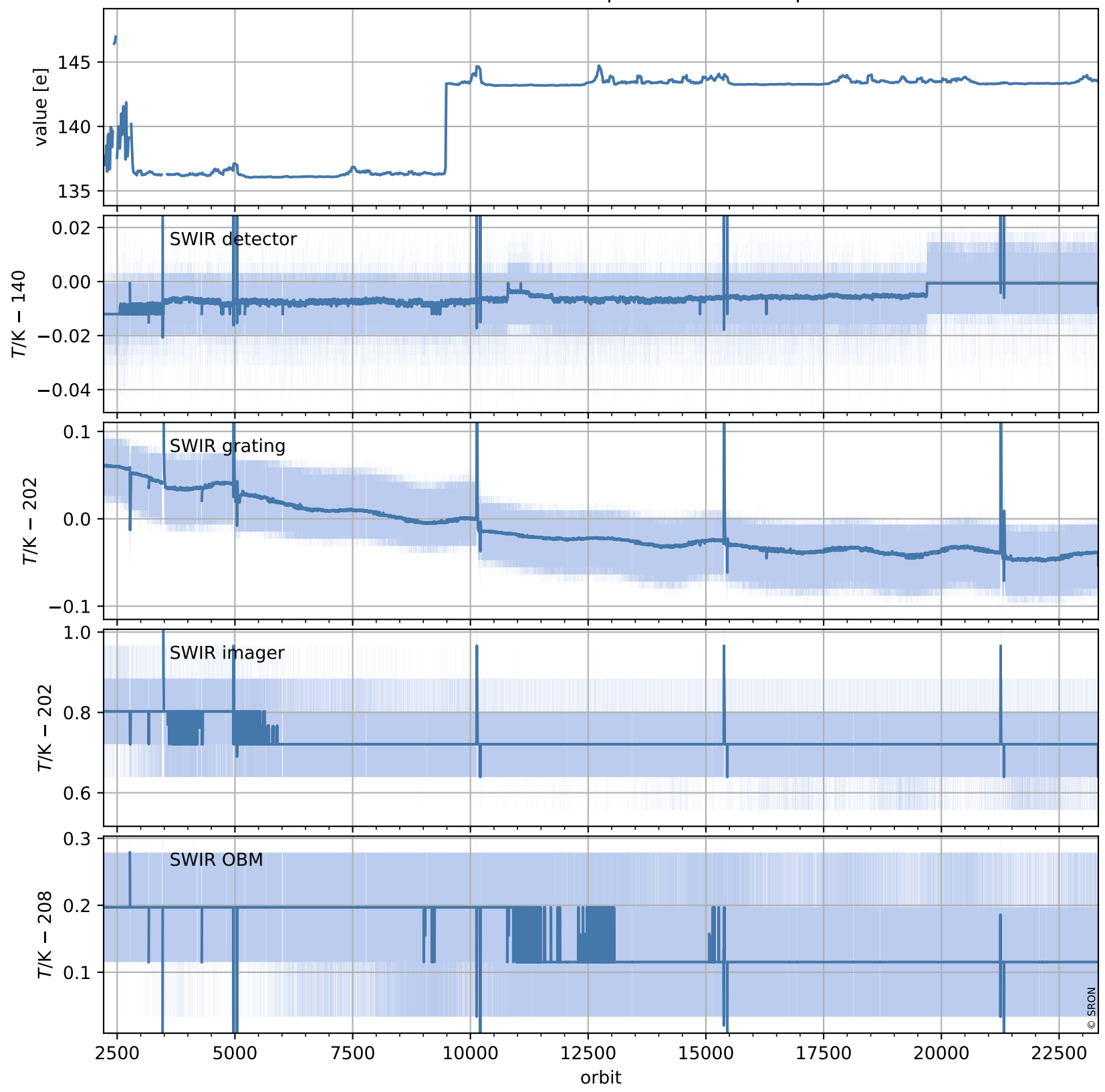
orbits : 12 in [23257, 23332]  
coverage : 2022-04-09 / 2022-04-14  
created : 2023-08-21T16:29:38



# Tropomi SWIR background noise (swir)

orbits : [2212, 23332]  
coverage : 2018-03-18 / 2022-04-14  
created : 2023-08-21T16:29:38

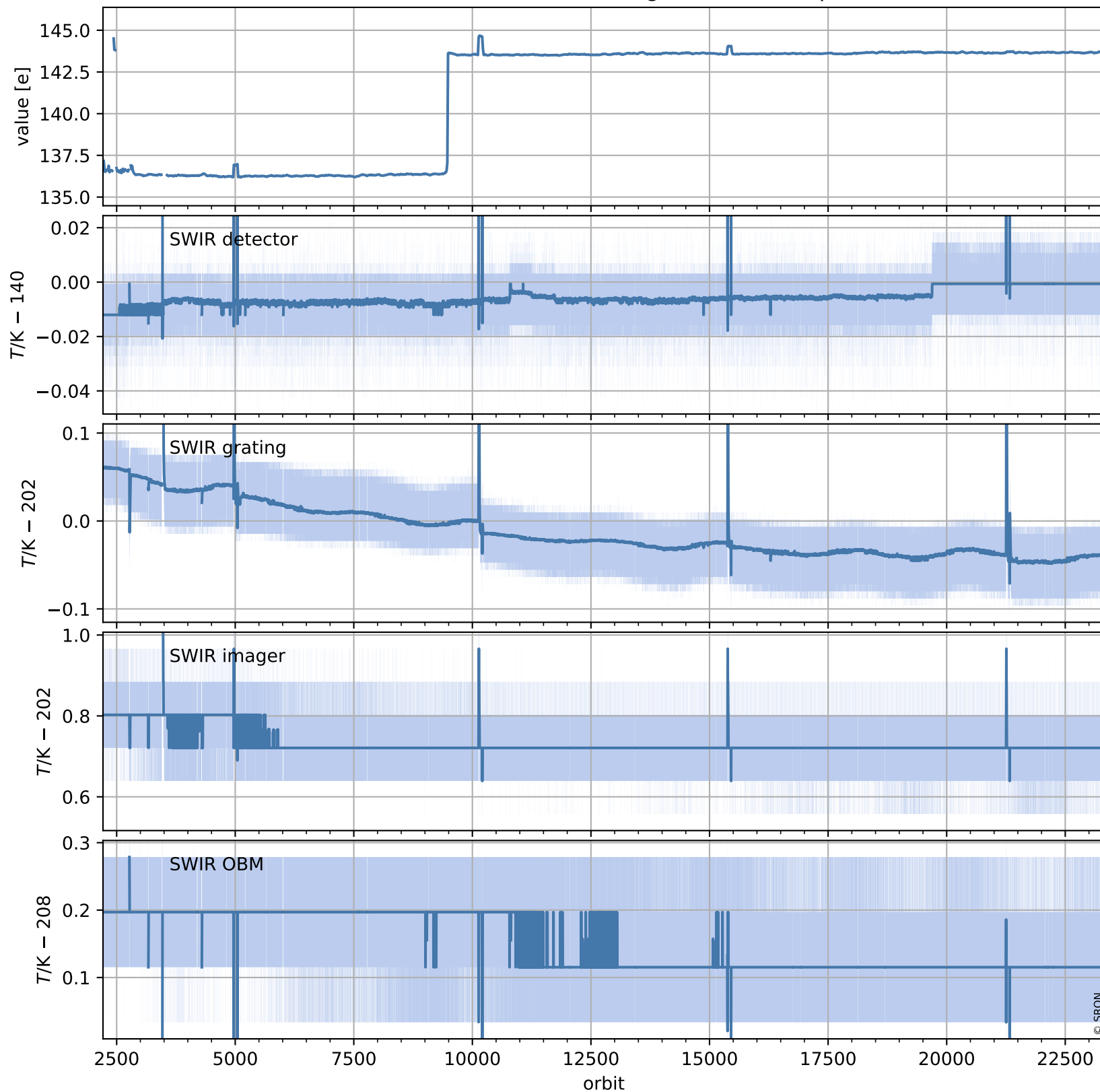
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23332]  
coverage : 2018-03-18 / 2022-04-14  
created : 2023-08-21T16:29:39

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23332]  
coverage : 2018-03-18 / 2022-04-14  
created : 2023-08-21T16:29:40

## trend of normalized read-noise & temperatures

