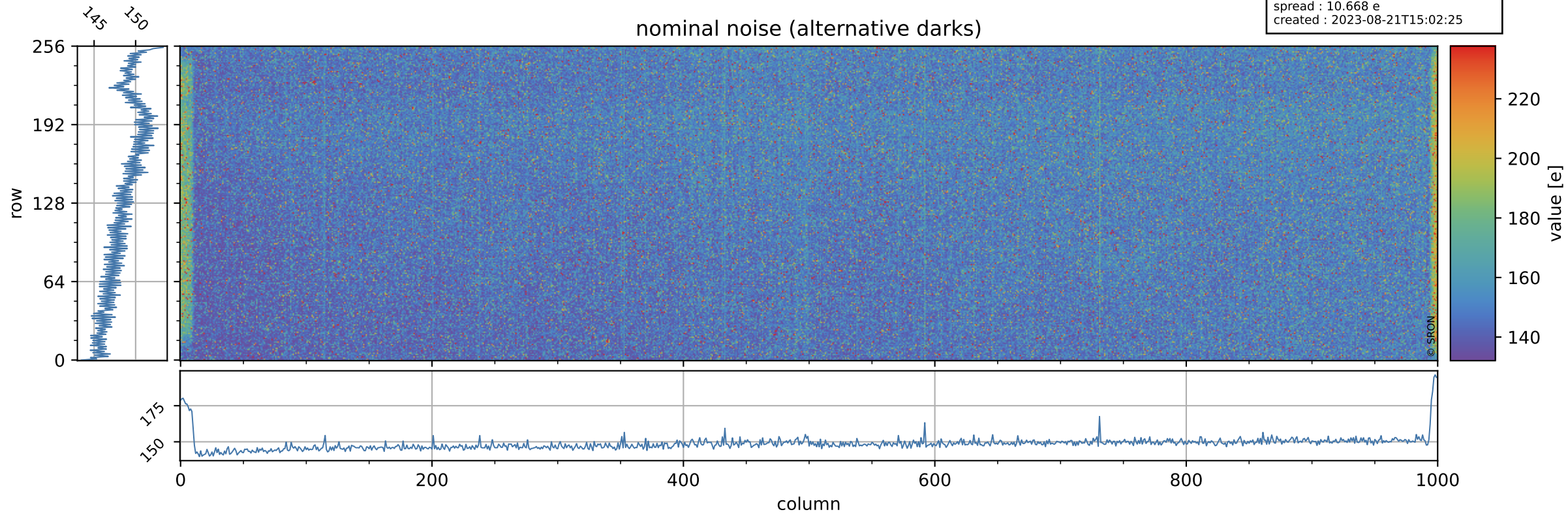


# Tropomi SWIR background noise (swir)

orbits : 12 in [9127, 9217]  
coverage : 2019-07-19 / 2019-07-25  
n\_coad, t\_exp : 1, 1.0783  
median : 148.46 e  
spread : 10.668 e  
created : 2023-08-21T15:02:25

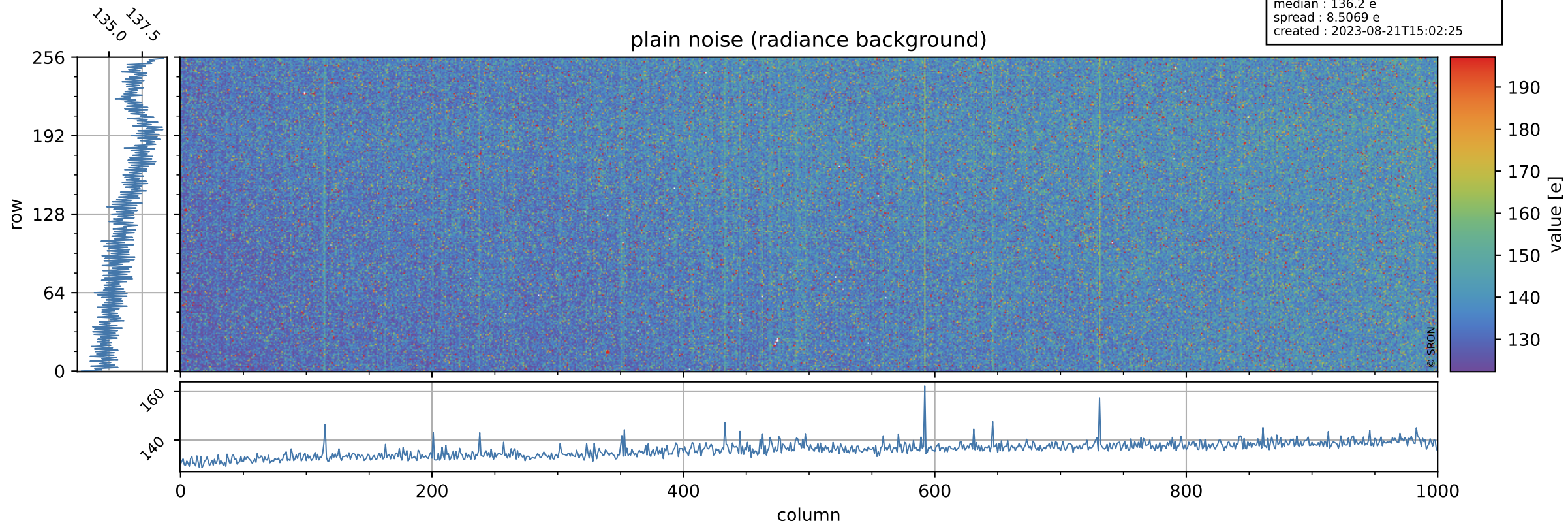
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9127, 9217]  
coverage : 2019-07-19 / 2019-07-25  
n\_coad, t\_exp : 2, 0.5383  
median : 136.2 e  
spread : 8.5069 e  
created : 2023-08-21T15:02:25

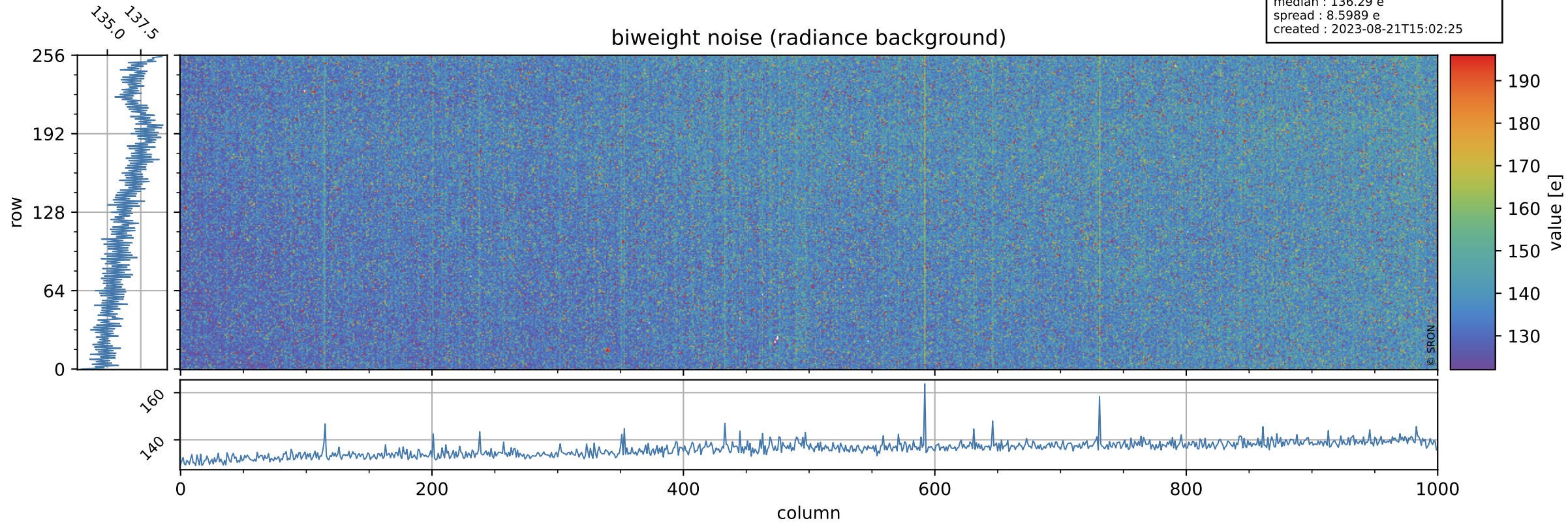
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9127, 9217]  
coverage : 2019-07-19 / 2019-07-25  
n\_coad, t\_exp : 2, 0.5383  
median : 136.29 e  
spread : 8.5989 e  
created : 2023-08-21T15:02:25

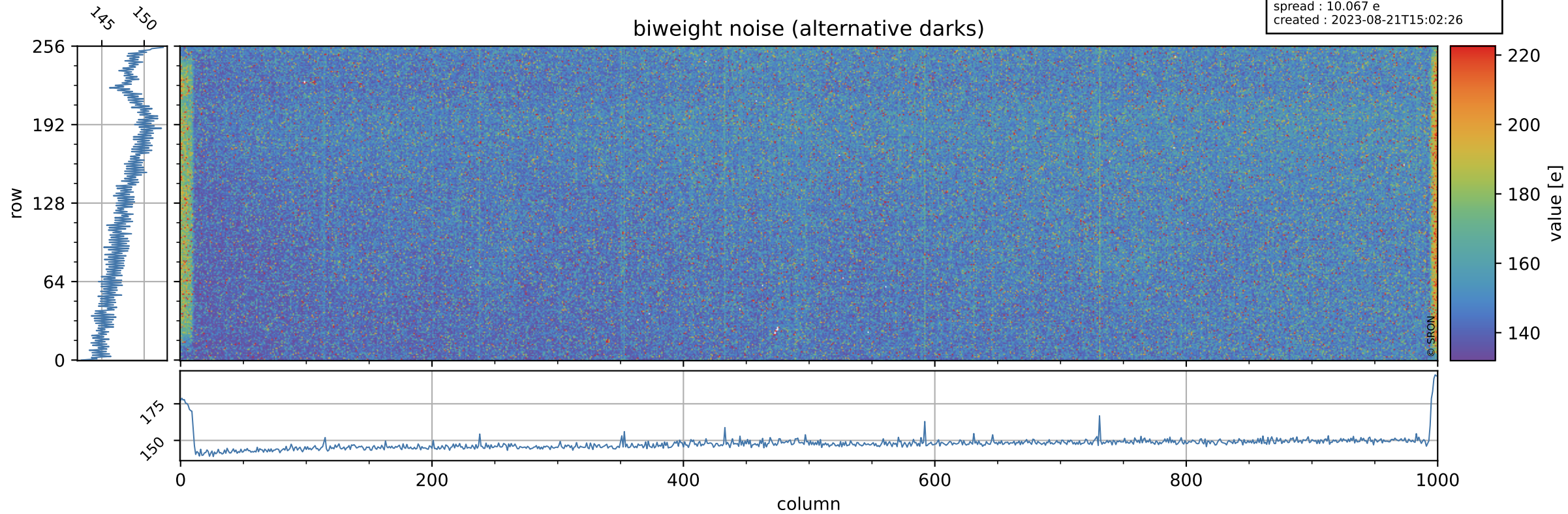
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9127, 9217]  
coverage : 2019-07-19 / 2019-07-25  
n\_coad, t\_exp : 1, 1.0783  
median : 147.6 e  
spread : 10.067 e  
created : 2023-08-21T15:02:26

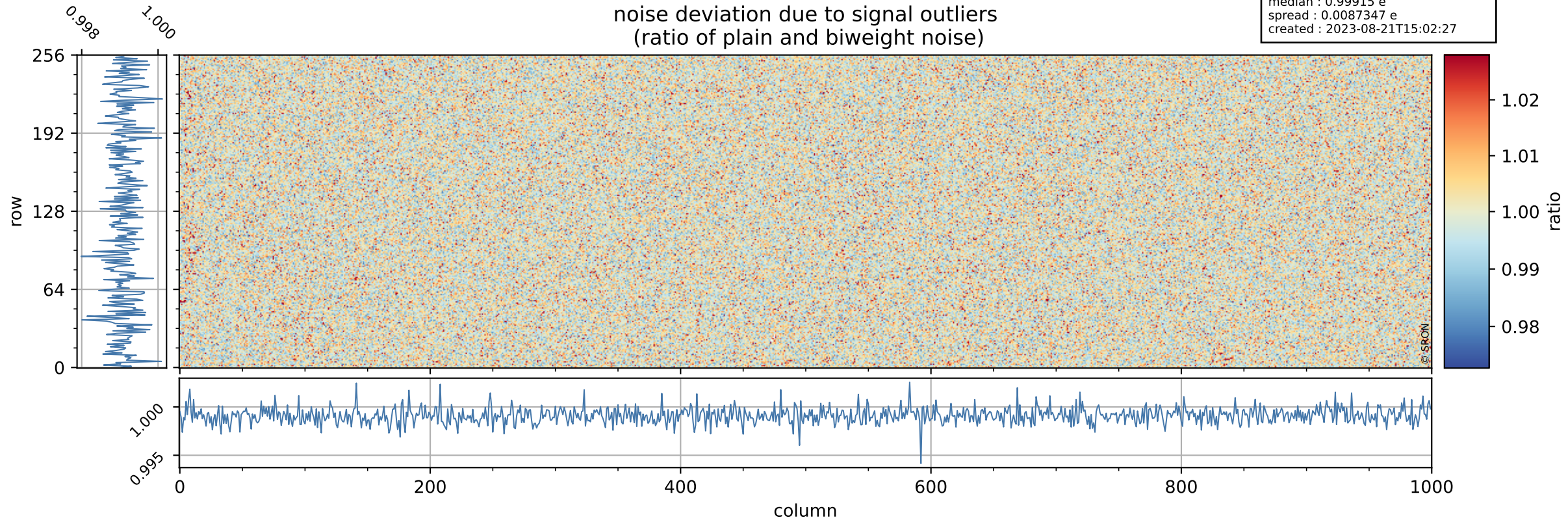
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

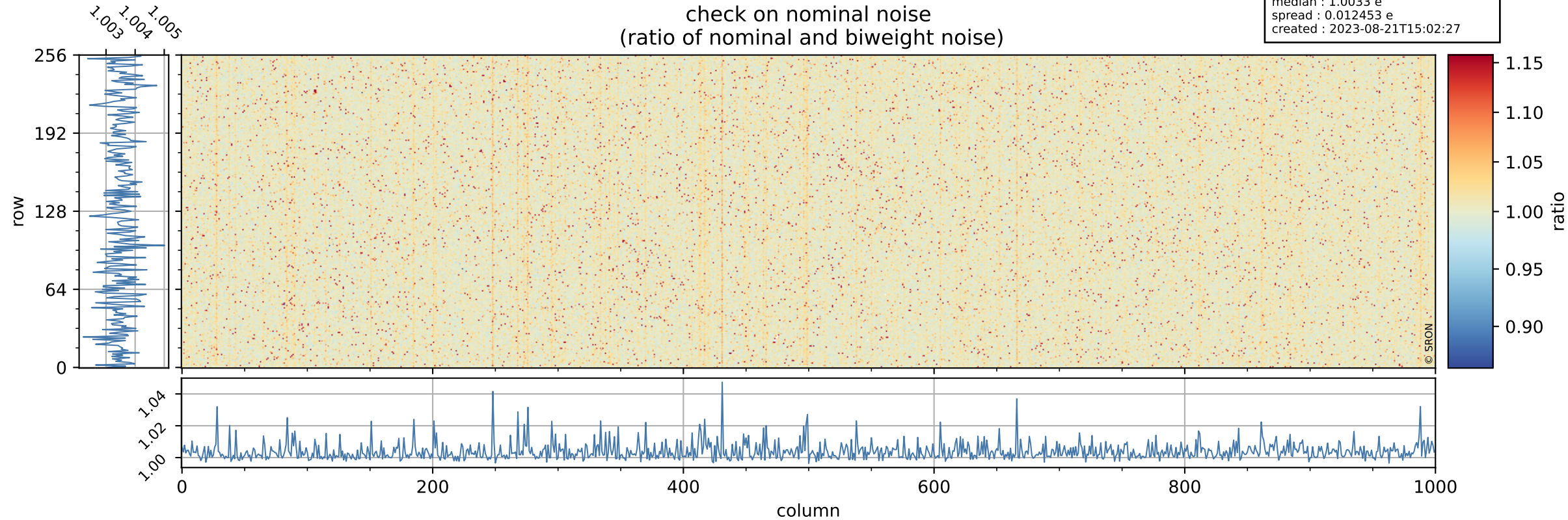
orbits : 12 in [9127, 9217]  
coverage : 2019-07-19 / 2019-07-25  
median : 0.99915 e  
spread : 0.0087347 e  
created : 2023-08-21T15:02:27



# Tropomi SWIR background noise (swir)

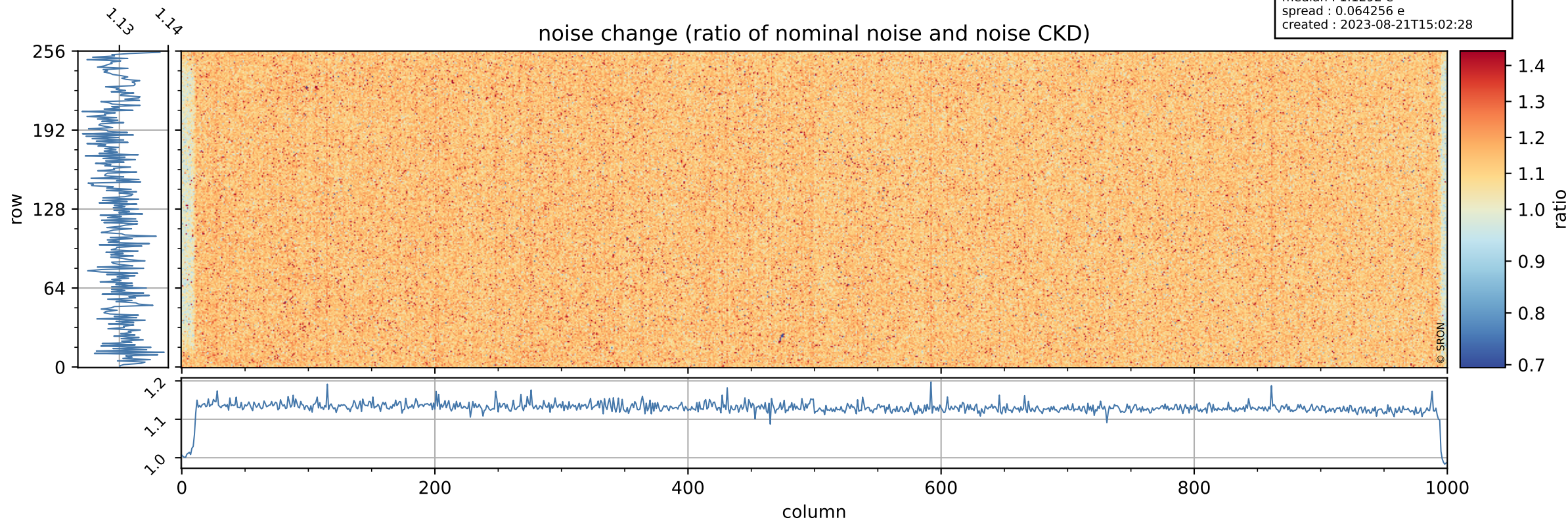
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [9127, 9217]  
coverage : 2019-07-19 / 2019-07-25  
median : 1.0033 e  
spread : 0.012453 e  
created : 2023-08-21T15:02:27



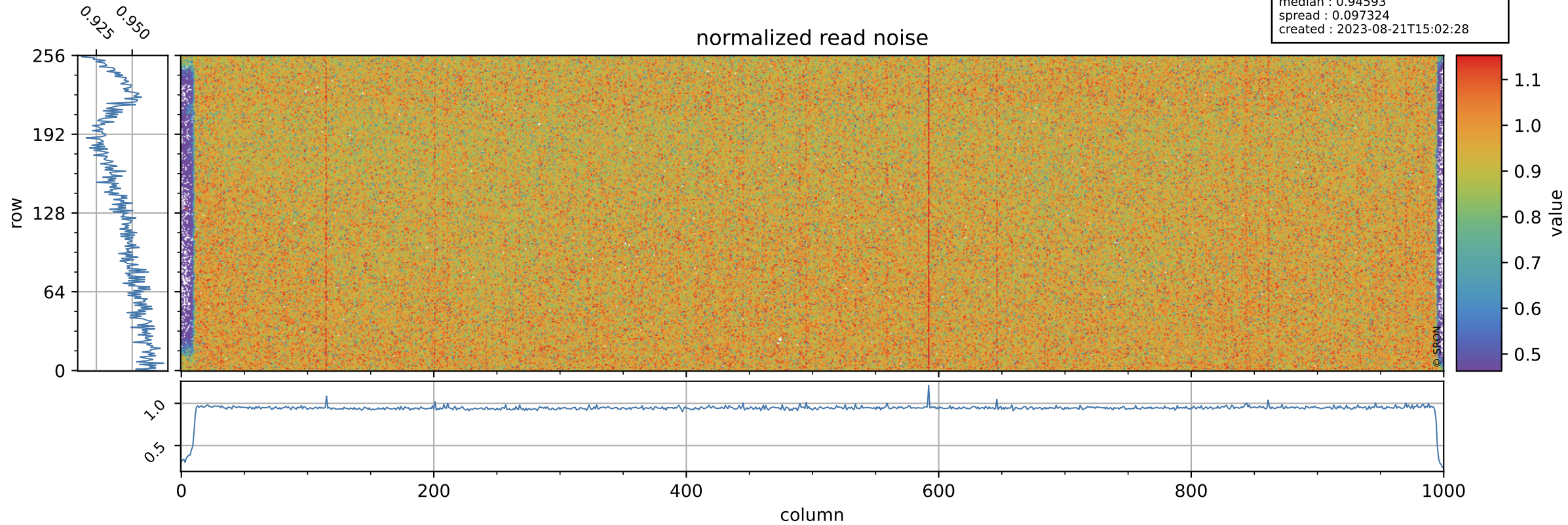
# Tropomi SWIR background noise (swir)

orbits : 12 in [9127, 9217]  
coverage : 2019-07-19 / 2019-07-25  
median : 1.1292 e  
spread : 0.064256 e  
created : 2023-08-21T15:02:28



# Tropomi SWIR background noise (swir)

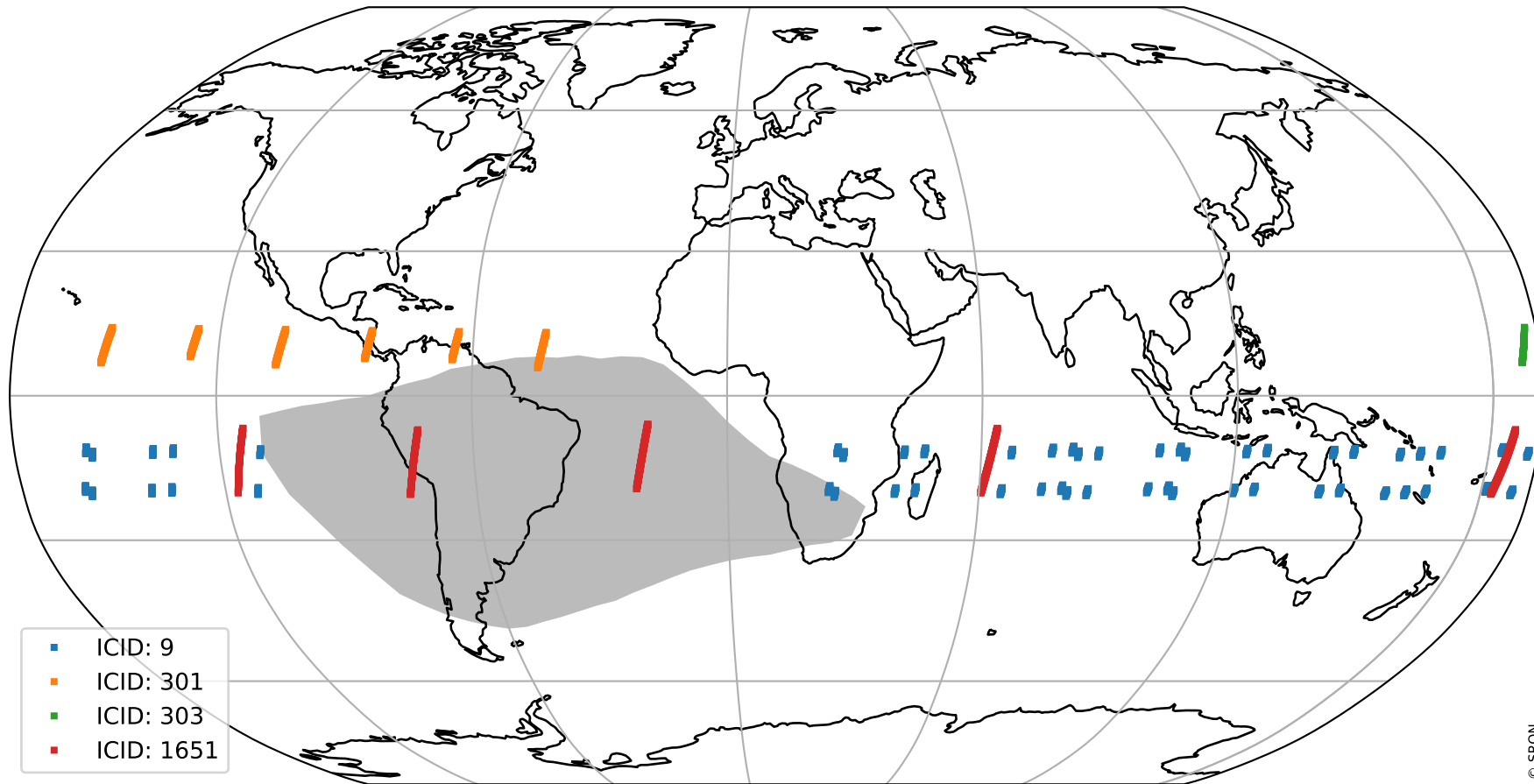
orbits : 12 in [9127, 9217]  
coverage : 2019-07-19 / 2019-07-25  
median : 0.94593  
spread : 0.097324  
created : 2023-08-21T15:02:28





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

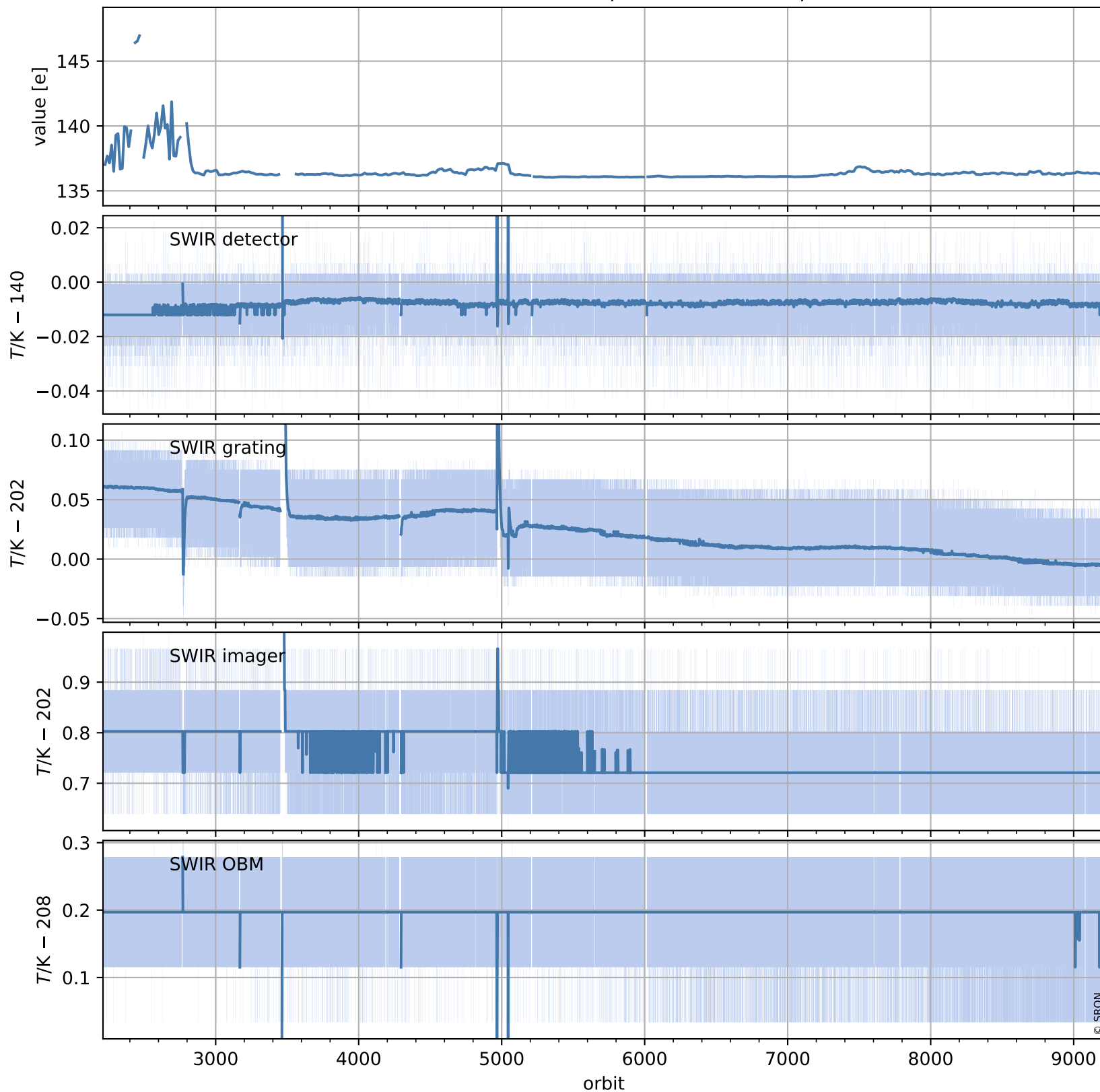
orbits : 12 in [9127, 9217]  
coverage : 2019-07-19 / 2019-07-25  
created : 2023-08-21T15:02:28



# Tropomi SWIR background noise (swir)

orbits : [2212, 9217]  
coverage : 2018-03-18 / 2019-07-25  
created : 2023-08-21T15:02:29

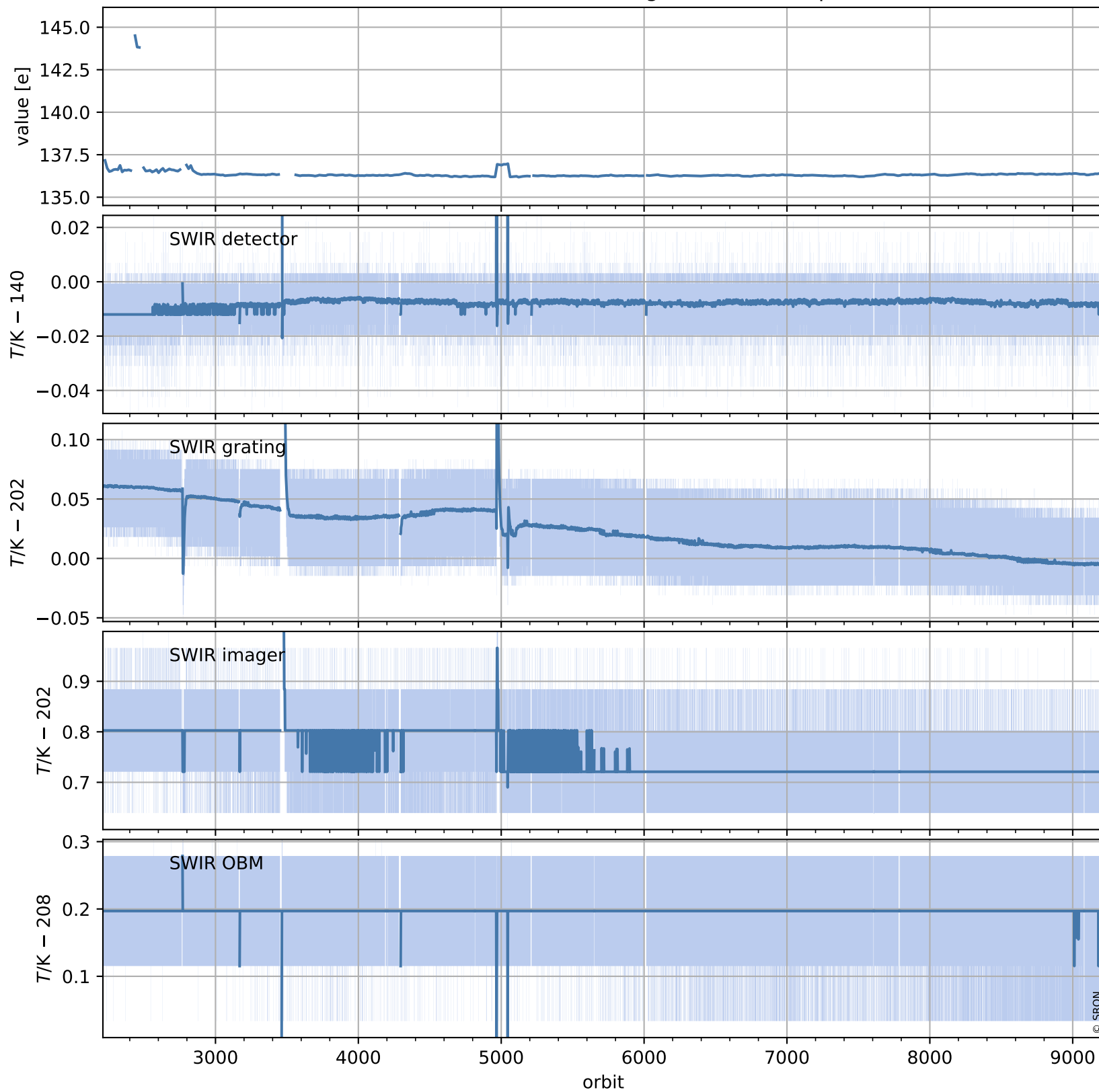
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9217]  
coverage : 2018-03-18 / 2019-07-25  
created : 2023-08-21T15:02:30

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9217]  
coverage : 2018-03-18 / 2019-07-25  
created : 2023-08-21T15:02:30

## trend of normalized read-noise & temperatures

