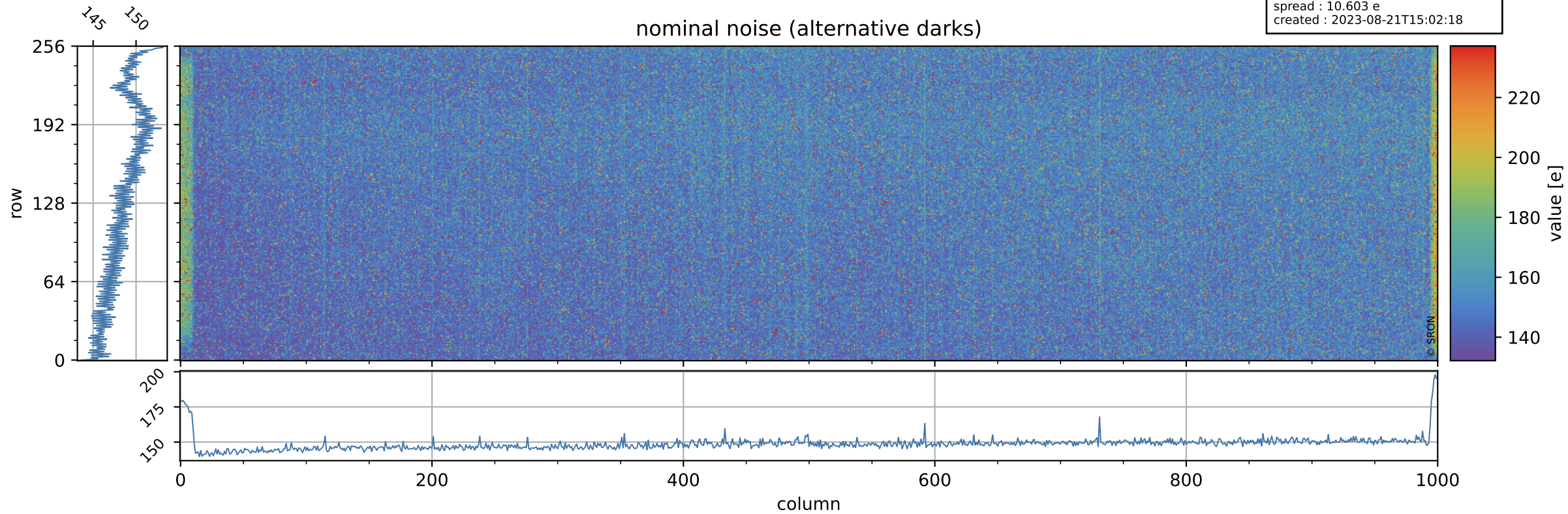


# Tropomi SWIR background noise (swir)

orbits : 12 in [9127, 9202]  
coverage : 2019-07-18 / 2019-07-23  
n\_coad, t\_exp : 1, 1.0783  
median : 148.45 e  
spread : 10.603 e  
created : 2023-08-21T15:02:18

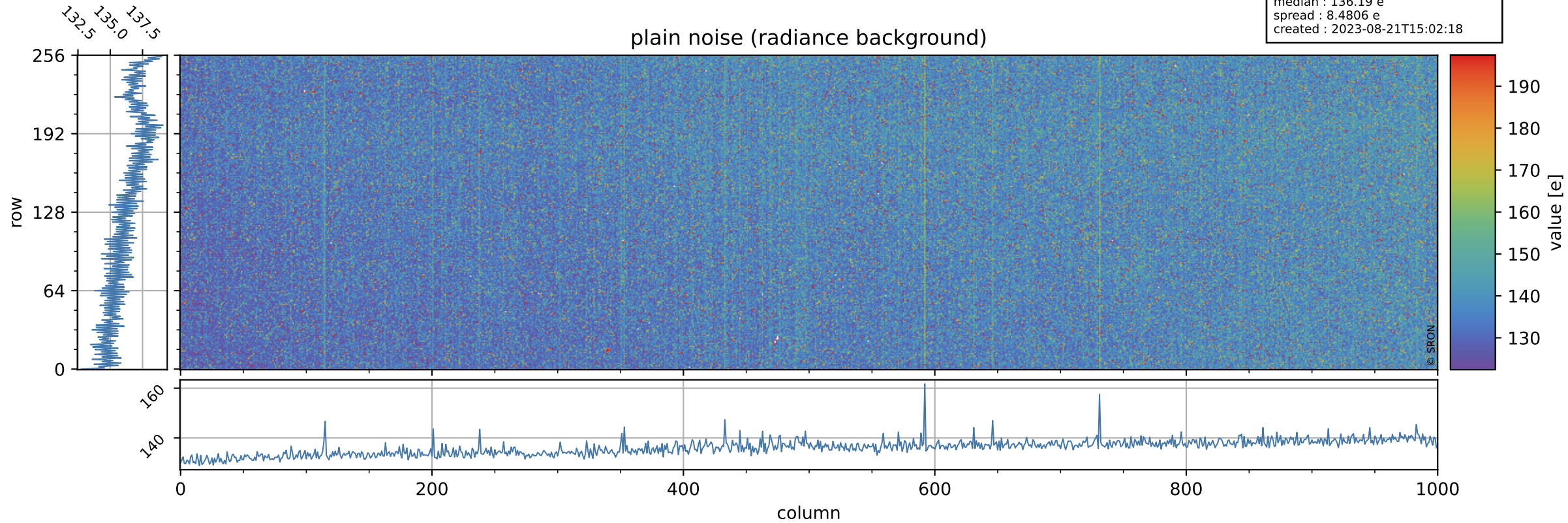
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9127, 9202]  
coverage : 2019-07-18 / 2019-07-23  
n\_coad, t\_exp : 2, 0.5383  
median : 136.19 e  
spread : 8.4806 e  
created : 2023-08-21T15:02:18

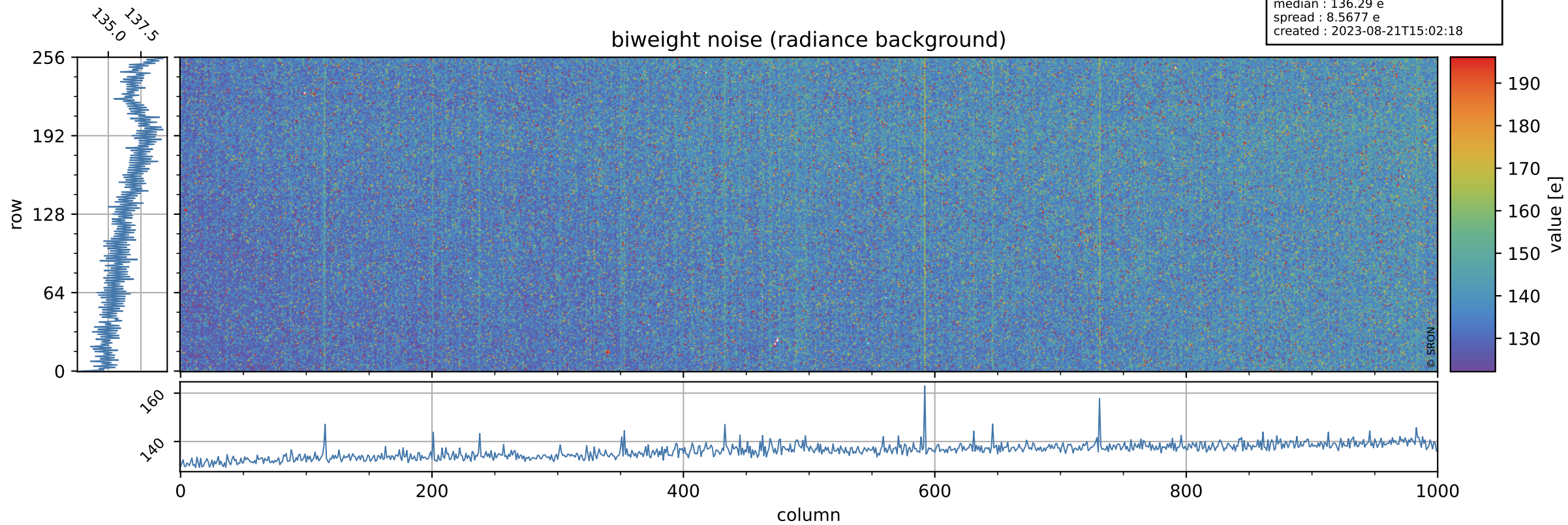
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9127, 9202]  
coverage : 2019-07-18 / 2019-07-23  
n\_coad, t\_exp : 2, 0.5383  
median : 136.29 e  
spread : 8.5677 e  
created : 2023-08-21T15:02:18

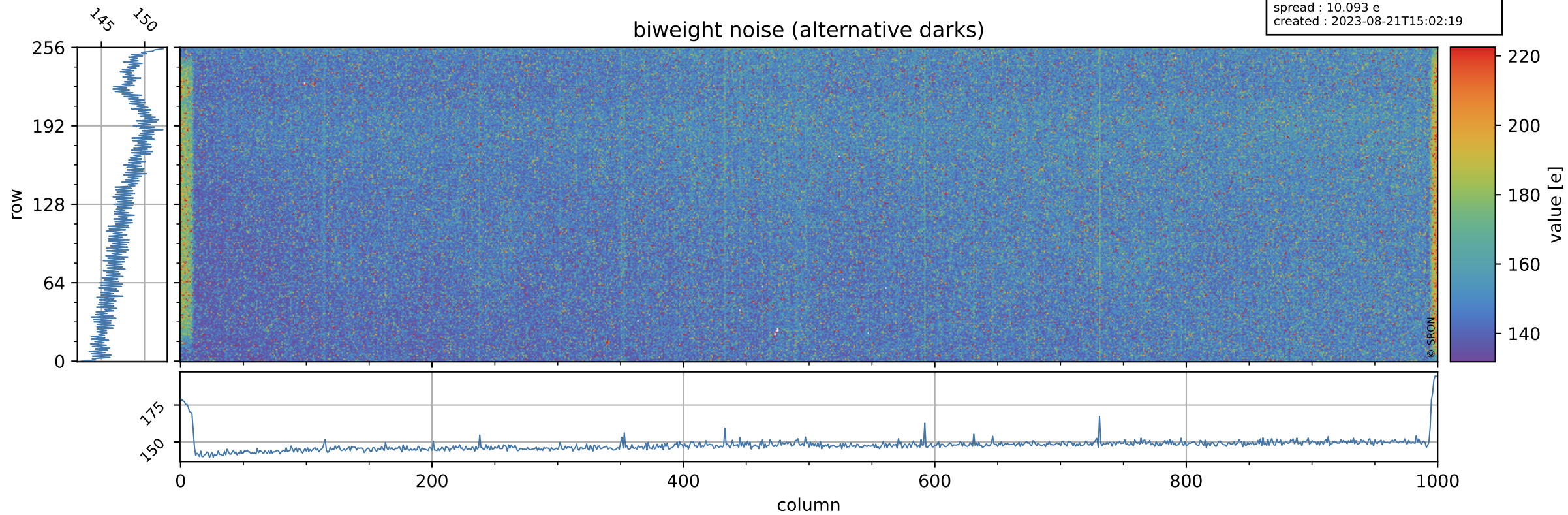
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9127, 9202]  
coverage : 2019-07-18 / 2019-07-23  
n\_coad, t\_exp : 1, 1.0783  
median : 147.6 e  
spread : 10.093 e  
created : 2023-08-21T15:02:19

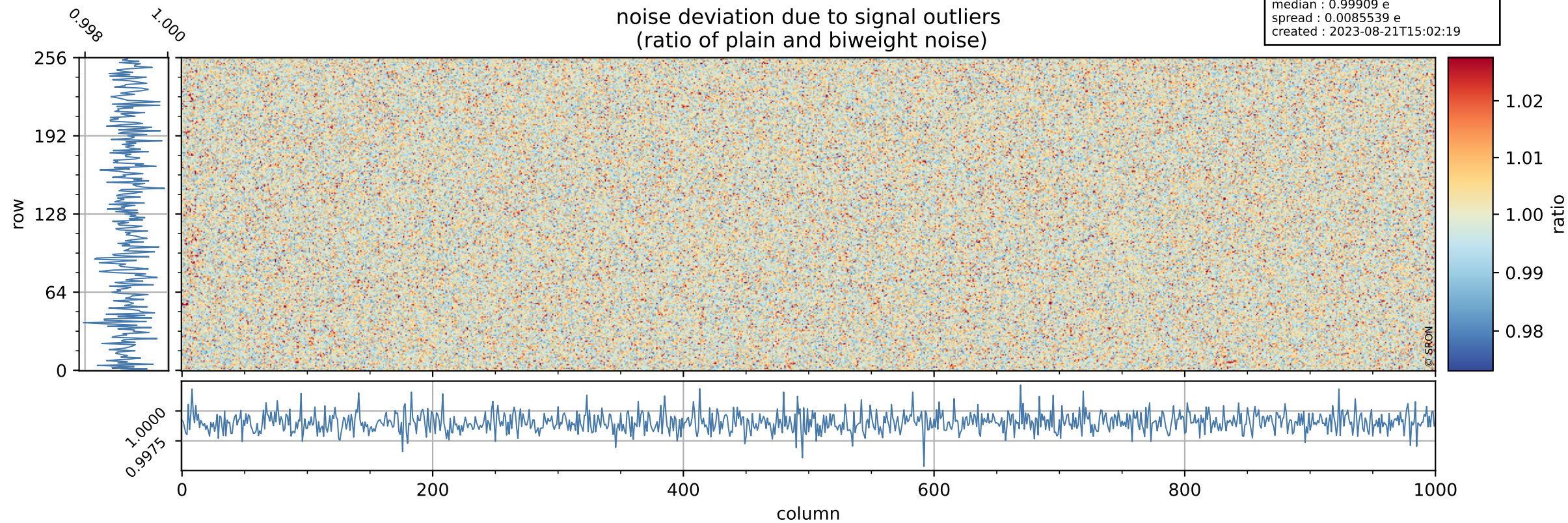
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

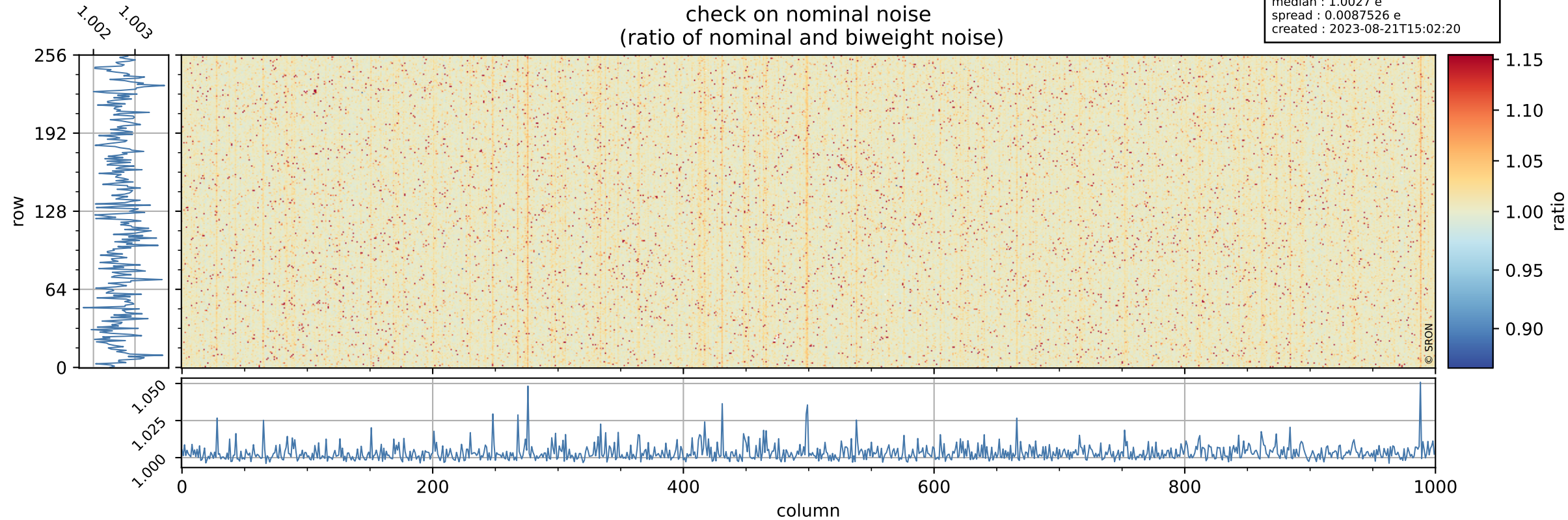
orbits : 12 in [9127, 9202]  
coverage : 2019-07-18 / 2019-07-23  
median : 0.99909 e  
spread : 0.0085539 e  
created : 2023-08-21T15:02:19



# Tropomi SWIR background noise (swir)

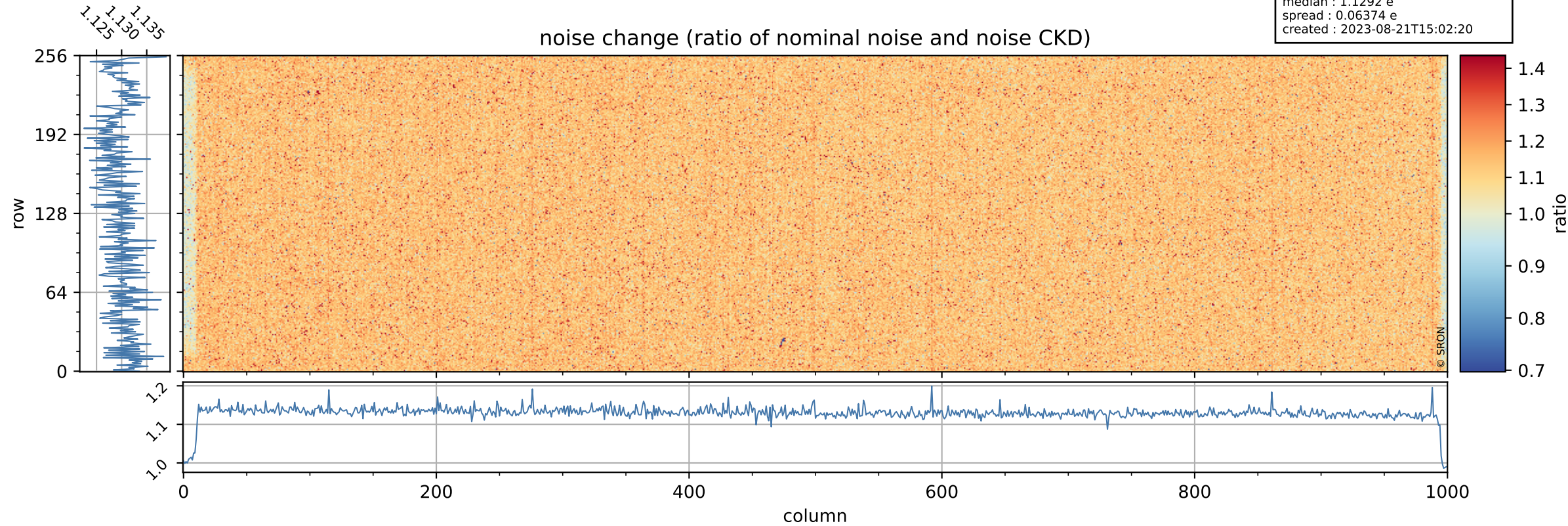
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [9127, 9202]  
coverage : 2019-07-18 / 2019-07-23  
median : 1.0027 e  
spread : 0.0087526 e  
created : 2023-08-21T15:02:20



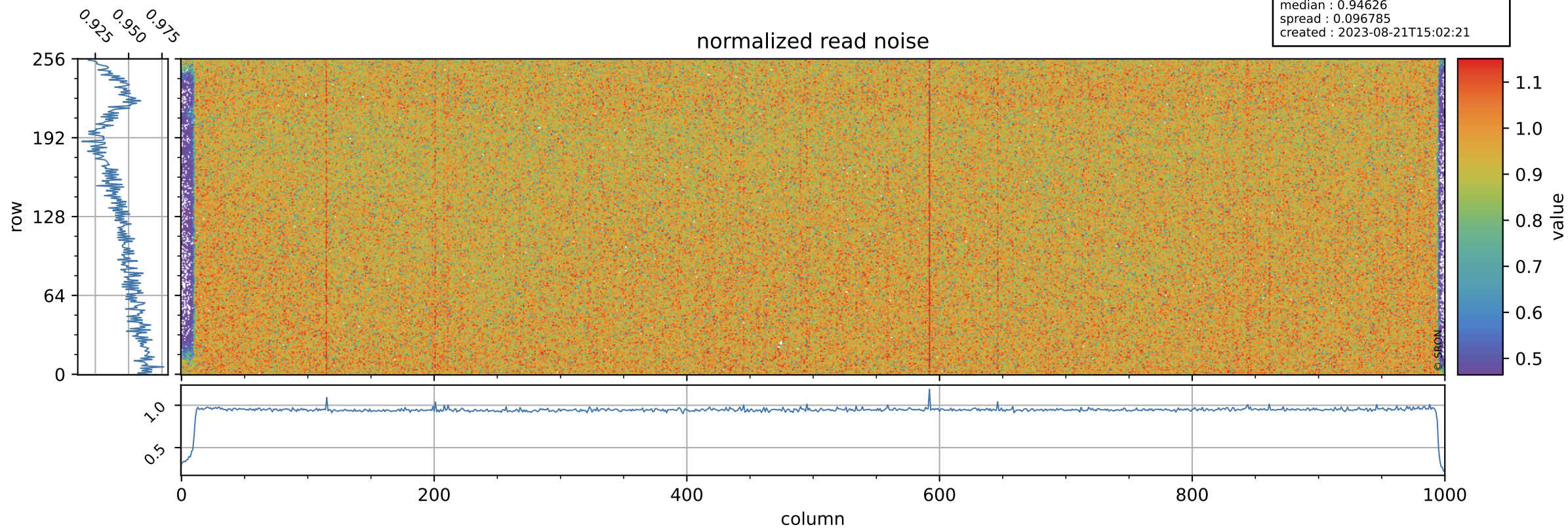
# Tropomi SWIR background noise (swir)

orbits : 12 in [9127, 9202]  
coverage : 2019-07-18 / 2019-07-23  
median : 1.1292 e  
spread : 0.06374 e  
created : 2023-08-21T15:02:20



# Tropomi SWIR background noise (swir)

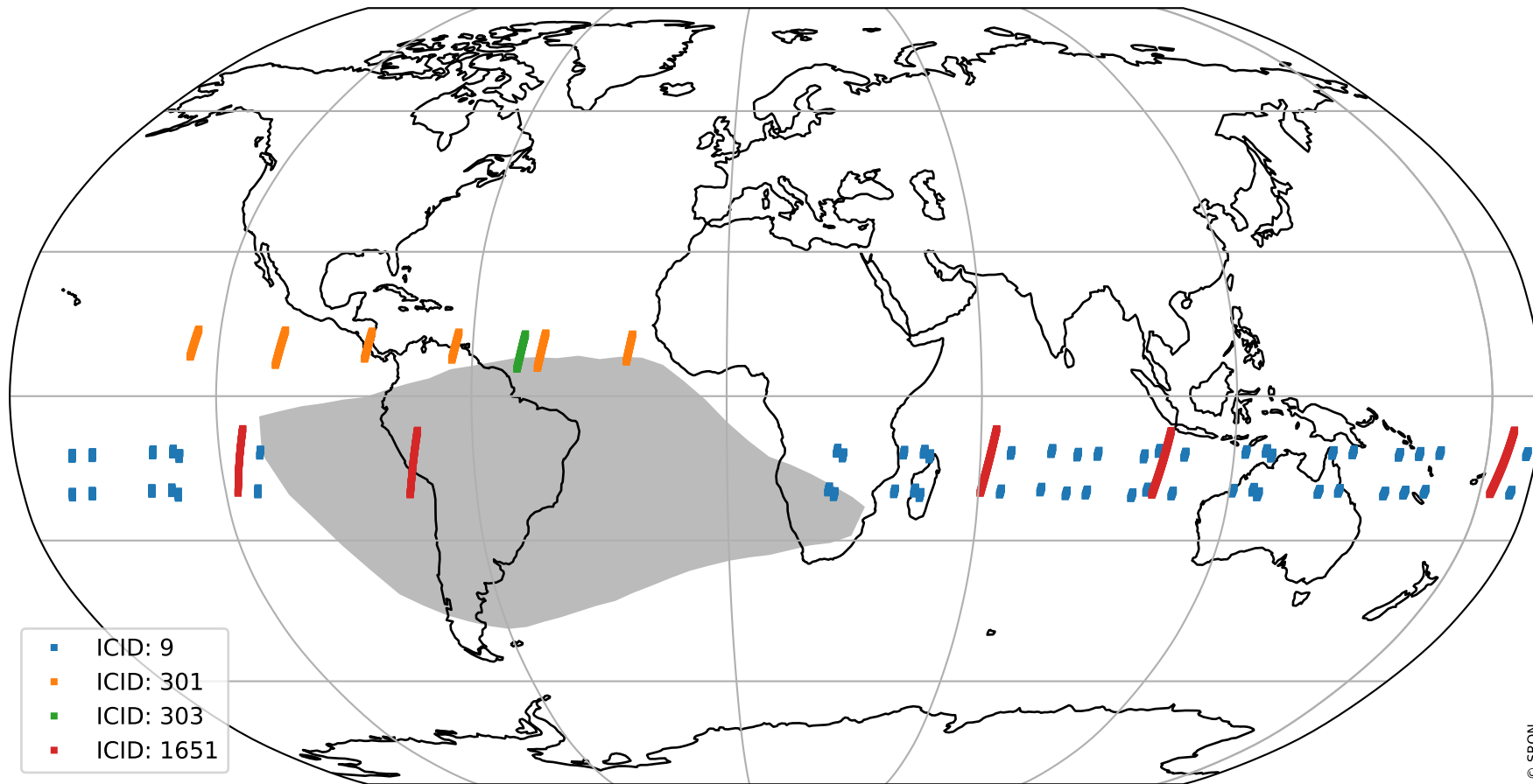
orbits : 12 in [9127, 9202]  
coverage : 2019-07-18 / 2019-07-23  
median : 0.94626  
spread : 0.096785  
created : 2023-08-21T15:02:21





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

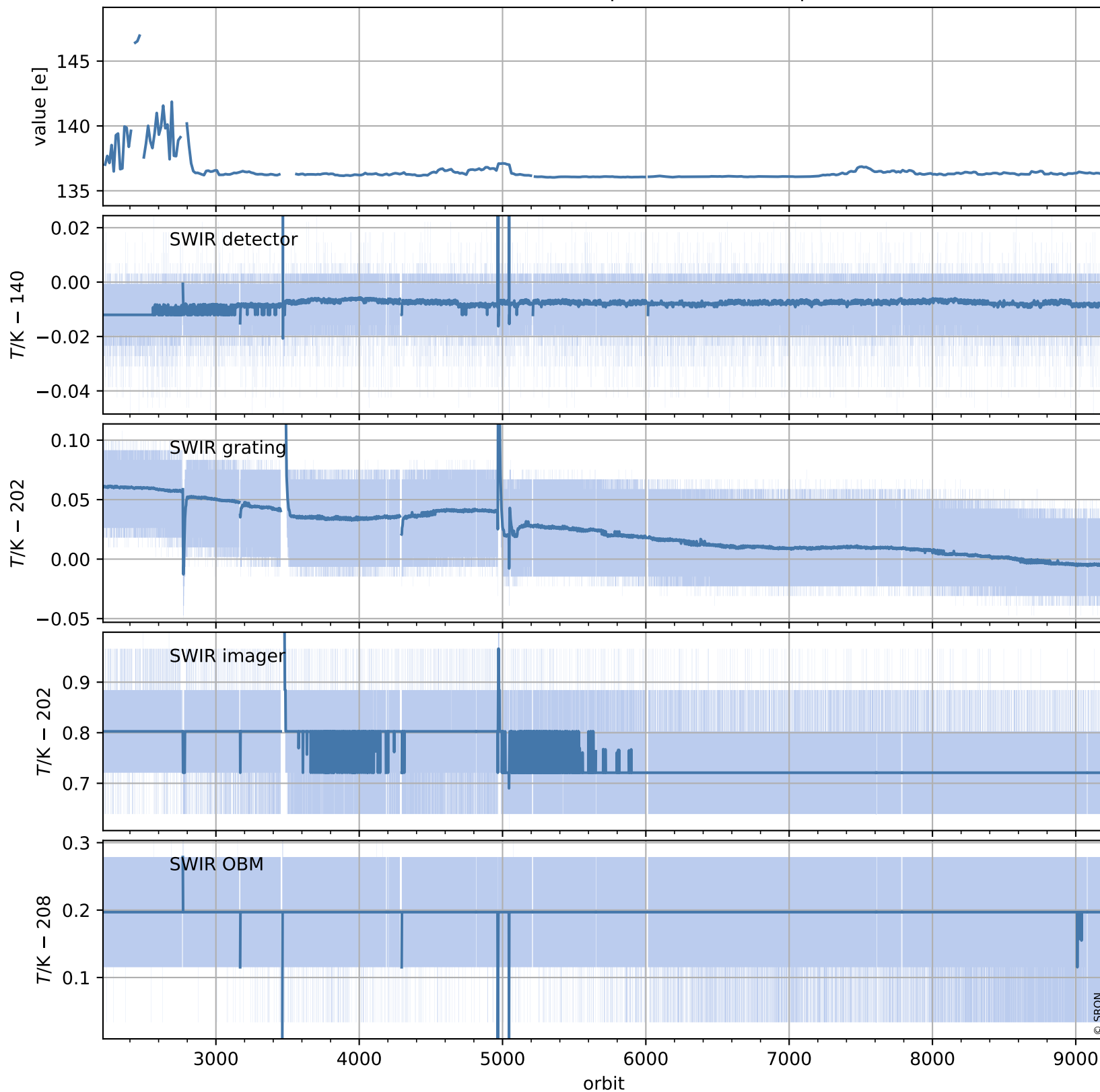
orbits : 12 in [9127, 9202]  
coverage : 2019-07-18 / 2019-07-23  
created : 2023-08-21T15:02:21



# Tropomi SWIR background noise (swir)

orbits : [2212, 9202]  
coverage : 2018-03-18 / 2019-07-23  
created : 2023-08-21T15:02:22

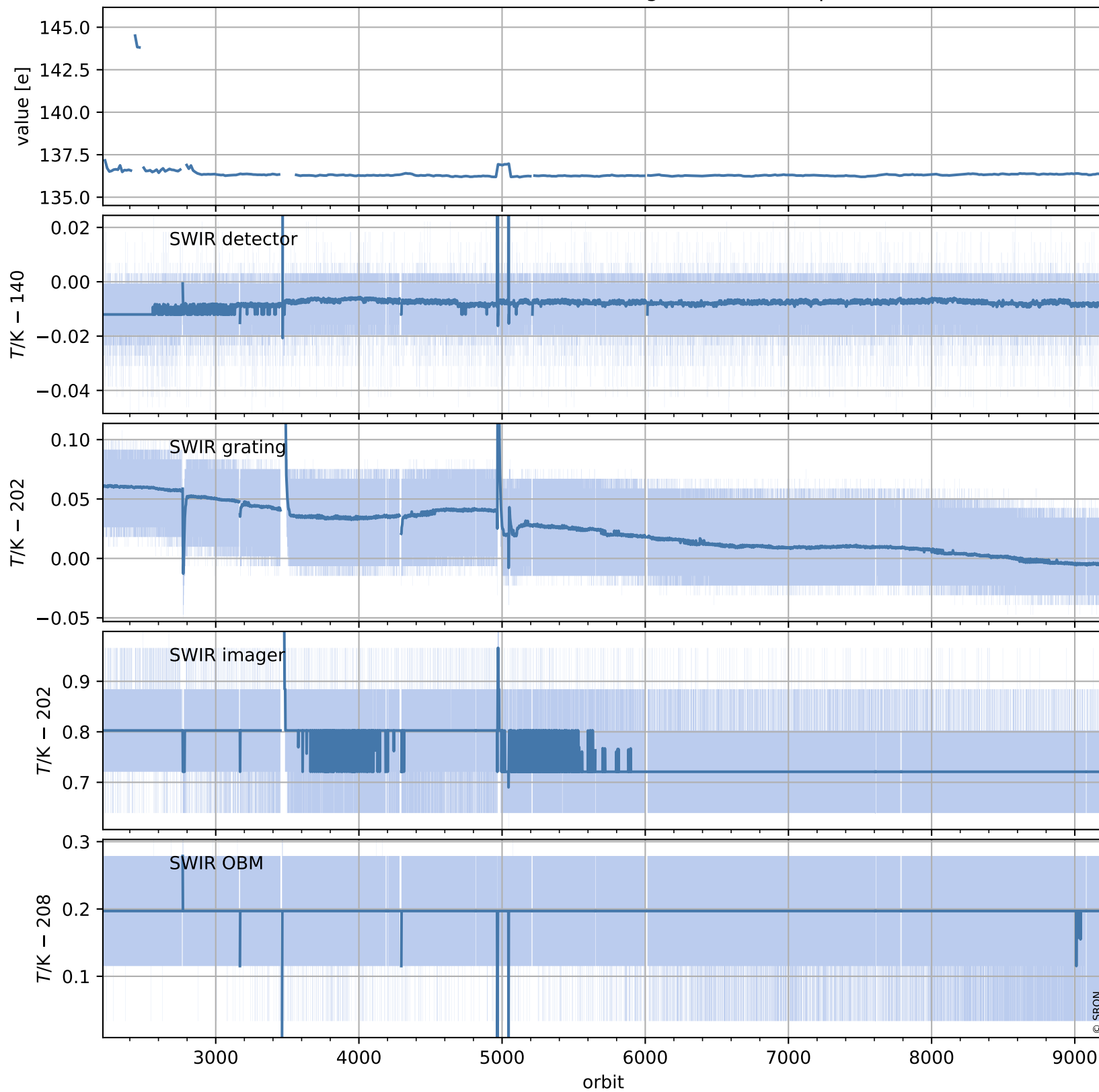
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9202]  
coverage : 2018-03-18 / 2019-07-23  
created : 2023-08-21T15:02:22

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9202]  
coverage : 2018-03-18 / 2019-07-23  
created : 2023-08-21T15:02:23

## trend of normalized read-noise & temperatures

