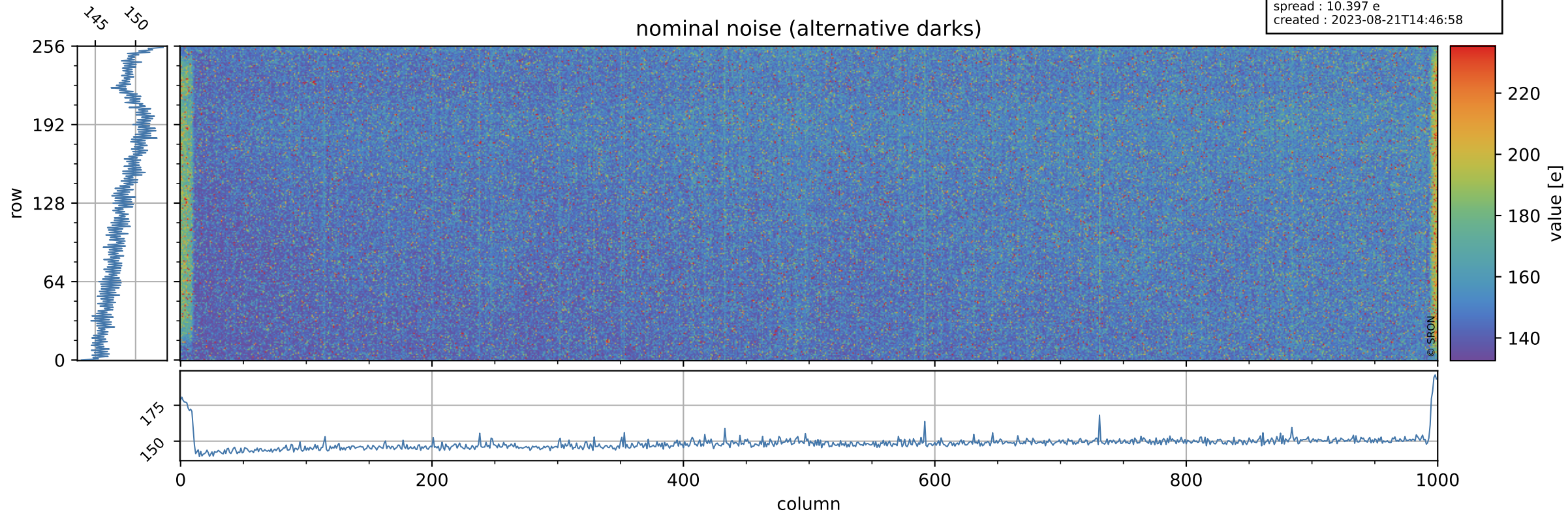


# Tropomi SWIR background noise (swir)

orbits : 13 in [7072, 7162]  
coverage : 2019-02-24 / 2019-03-01  
n\_coad, t\_exp : 1, 1.0783  
median : 148.39 e  
spread : 10.397 e  
created : 2023-08-21T14:46:58

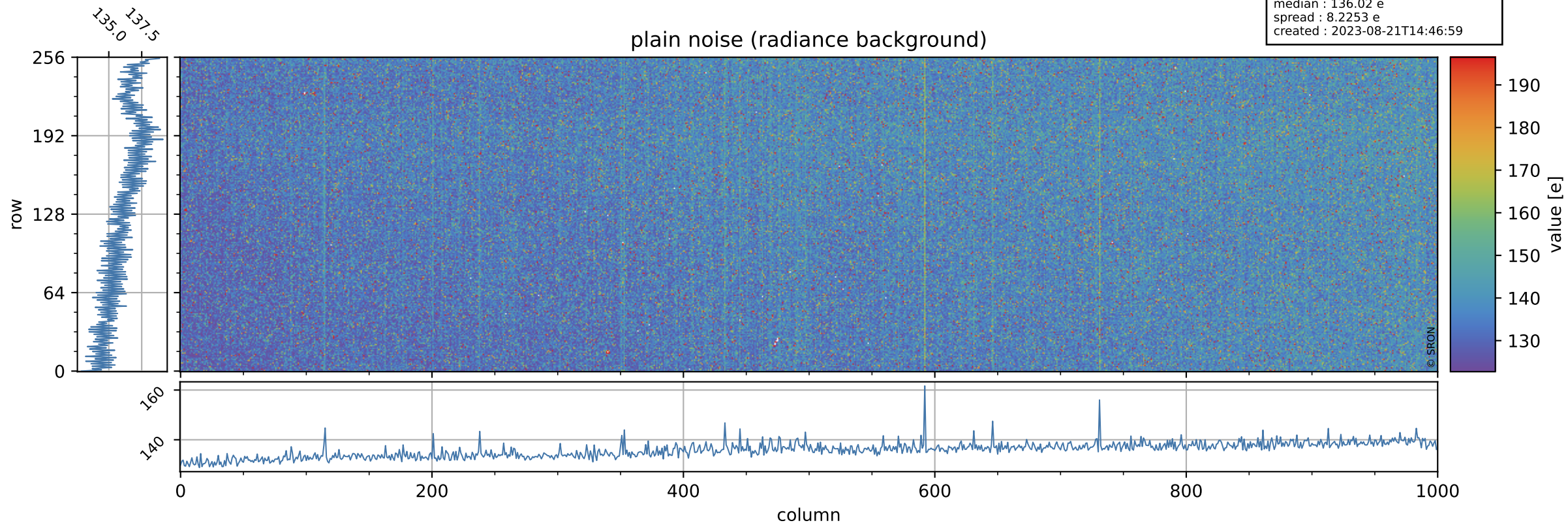
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [7072, 7162]  
coverage : 2019-02-24 / 2019-03-01  
n\_coad, t\_exp : 2, 0.5383  
median : 136.02 e  
spread : 8.2253 e  
created : 2023-08-21T14:46:59

plain noise (radiance background)

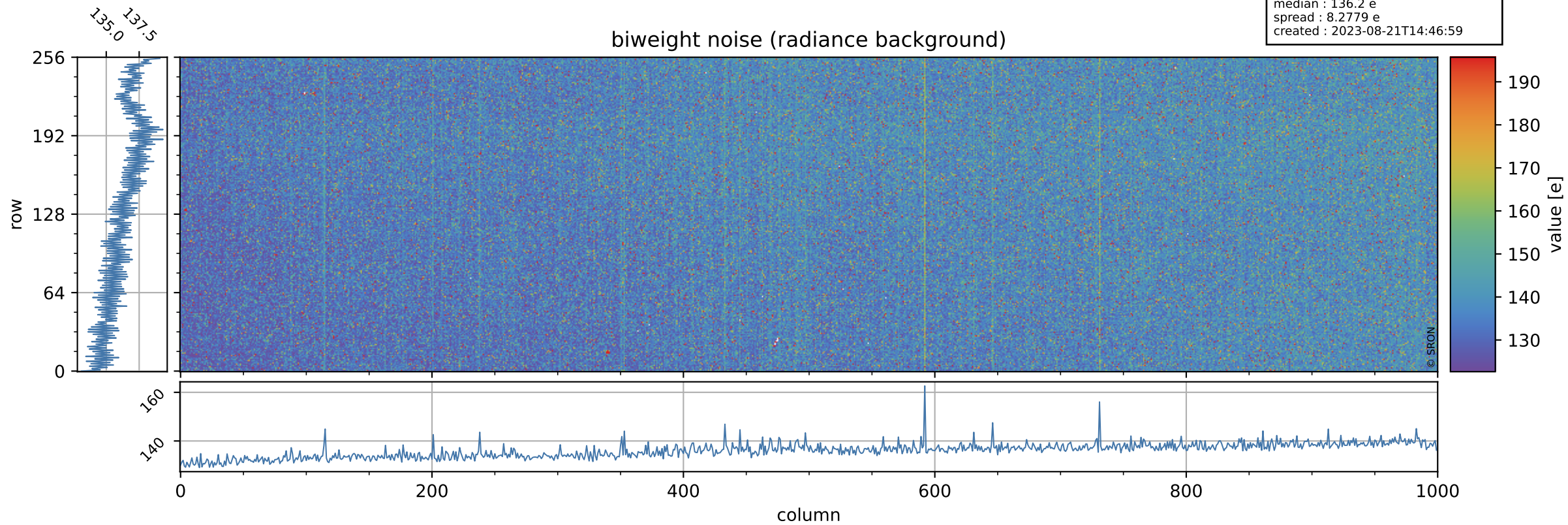




# Tropomi SWIR background noise (swir)

orbits : 13 in [7072, 7162]  
coverage : 2019-02-24 / 2019-03-01  
n\_coad, t\_exp : 2, 0.5383  
median : 136.2 e  
spread : 8.2779 e  
created : 2023-08-21T14:46:59

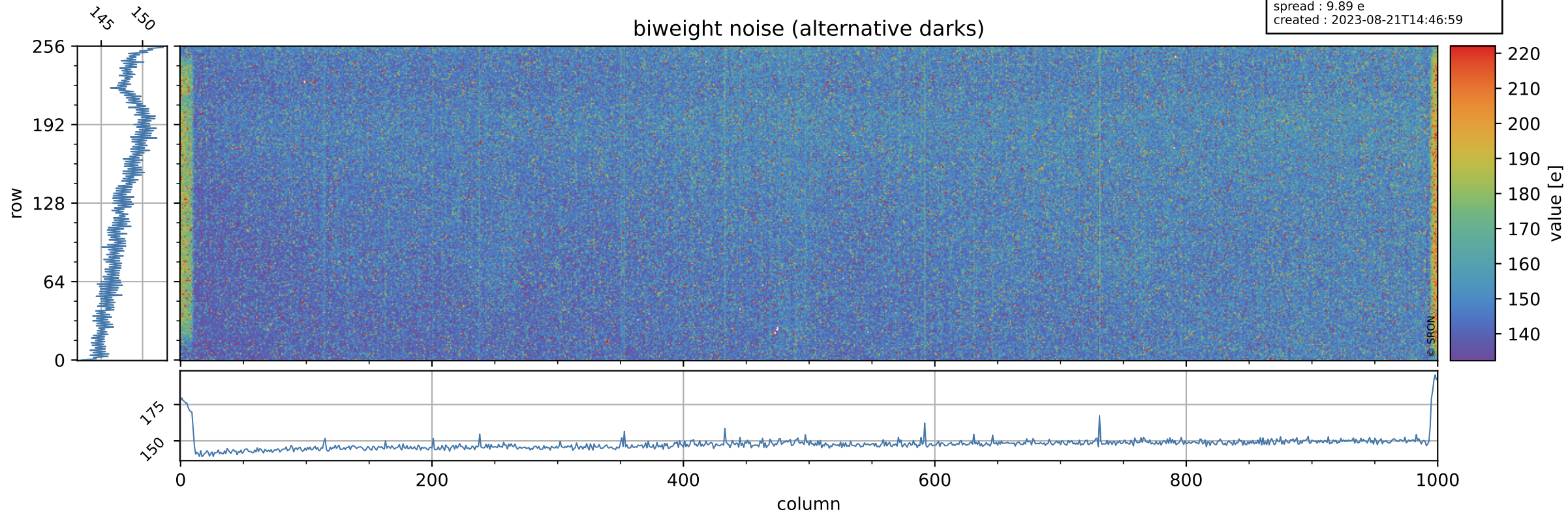
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [7072, 7162]  
coverage : 2019-02-24 / 2019-03-01  
n\_coad, t\_exp : 1, 1.0783  
median : 147.58 e  
spread : 9.89 e  
created : 2023-08-21T14:46:59

## biweight noise (alternative darks)

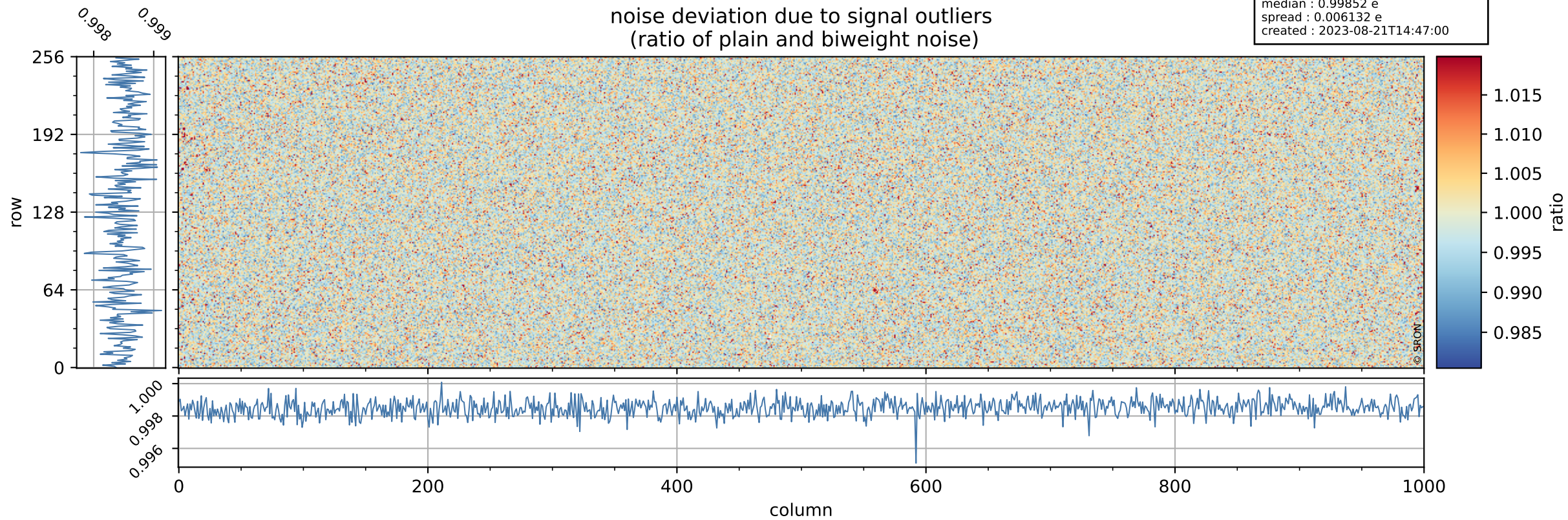




# Tropomi SWIR background noise (swir)

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

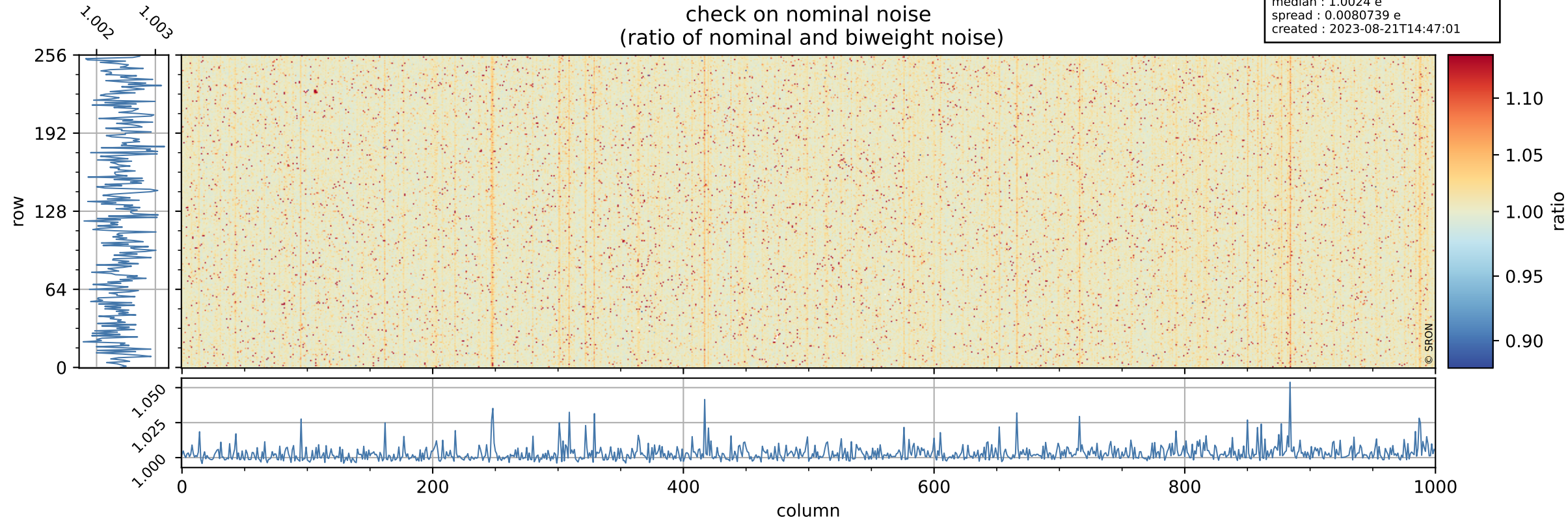
orbits : 13 in [7072, 7162]  
coverage : 2019-02-24 / 2019-03-01  
median : 0.99852 e  
spread : 0.006132 e  
created : 2023-08-21T14:47:00



# Tropomi SWIR background noise (swir)

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

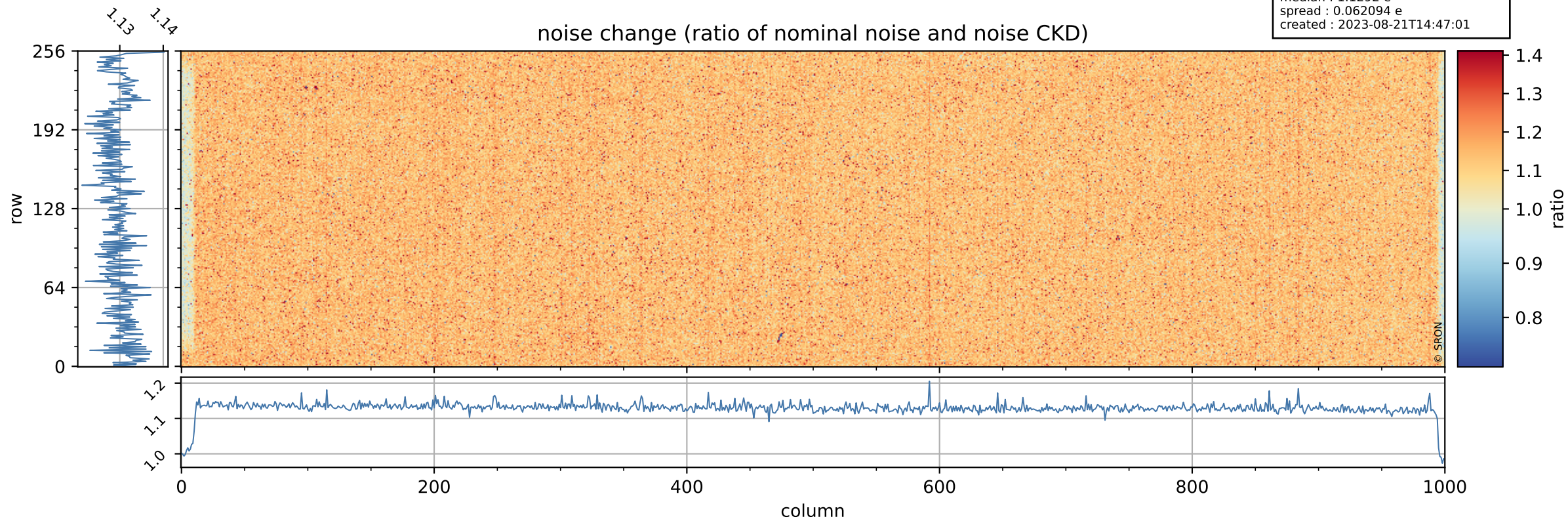
orbits : 13 in [7072, 7162]  
coverage : 2019-02-24 / 2019-03-01  
median : 1.0024 e  
spread : 0.0080739 e  
created : 2023-08-21T14:47:01





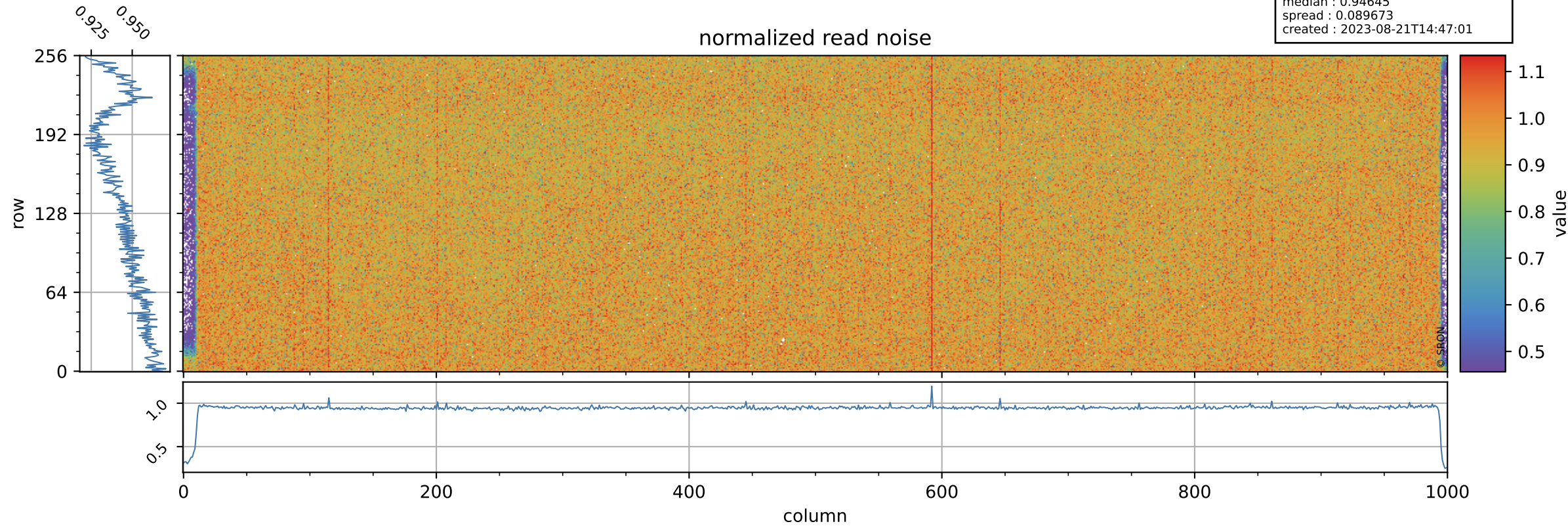
# Tropomi SWIR background noise (swir)

orbits : 13 in [7072, 7162]  
coverage : 2019-02-24 / 2019-03-01  
median : 1.1292 e  
spread : 0.062094 e  
created : 2023-08-21T14:47:01



# Tropomi SWIR background noise (swir)

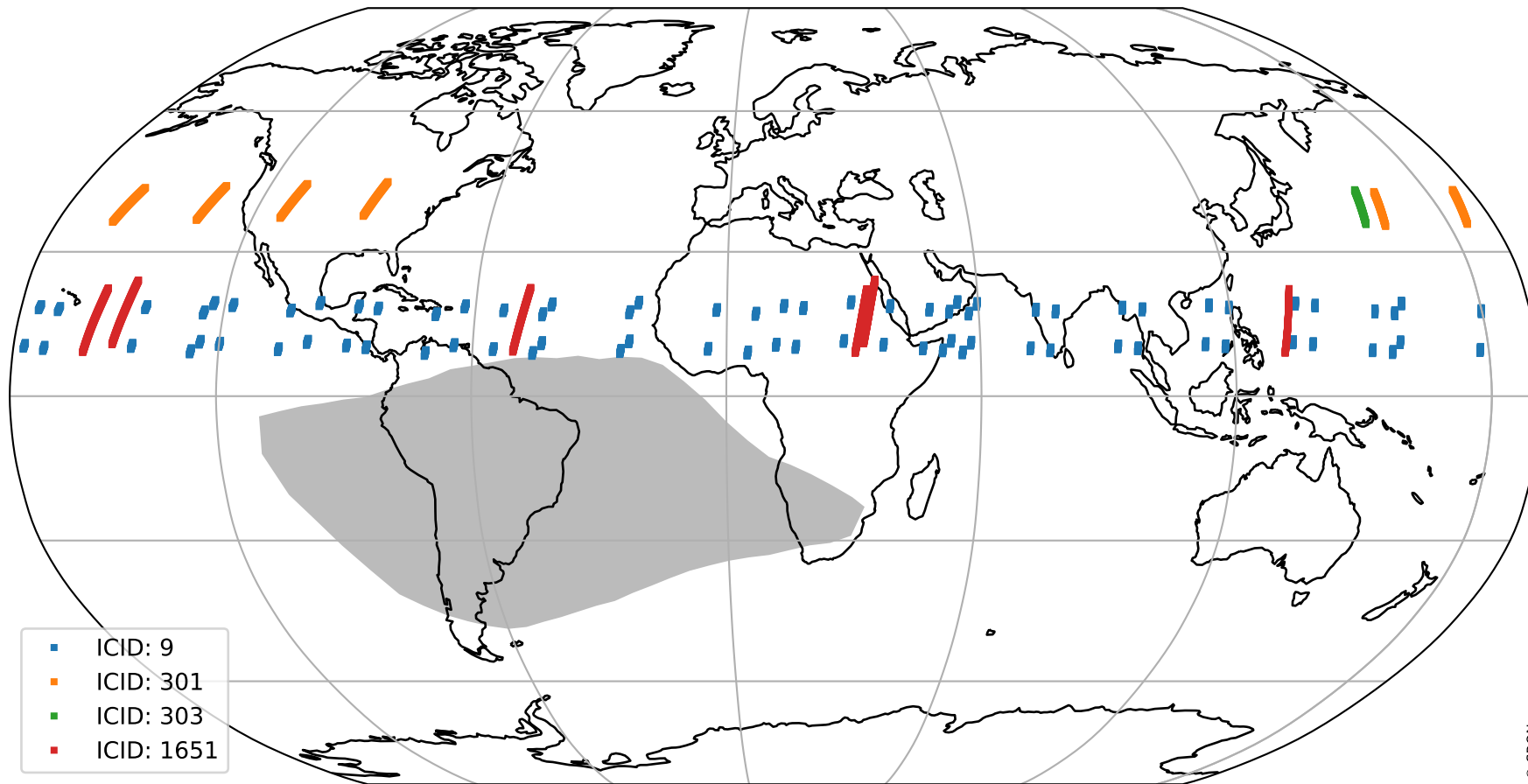
orbits : 13 in [7072, 7162]  
coverage : 2019-02-24 / 2019-03-01  
median : 0.94645  
spread : 0.089673  
created : 2023-08-21T14:47:01





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

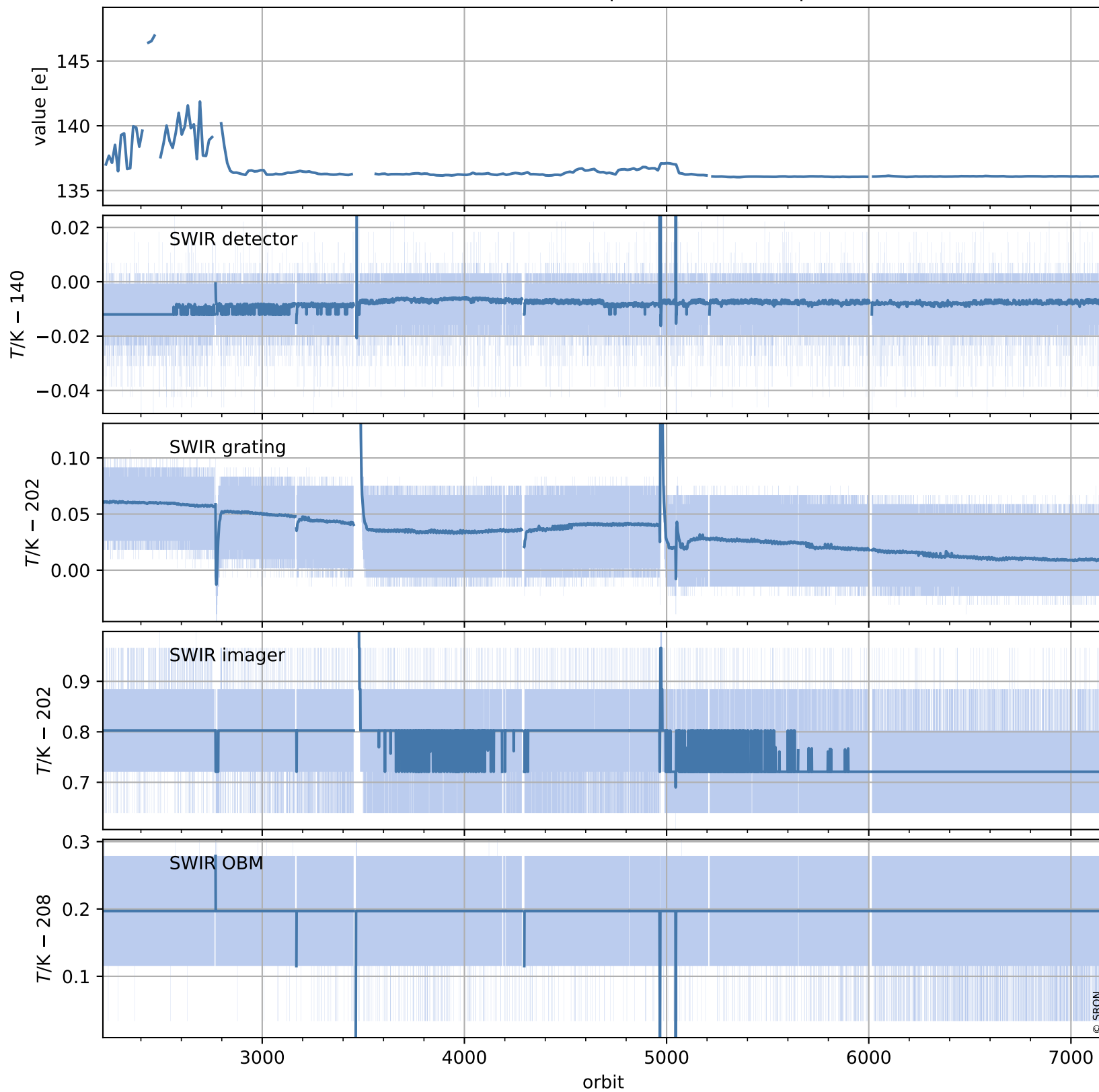
orbits : 13 in [7072, 7162]  
coverage : 2019-02-24 / 2019-03-01  
created : 2023-08-21T14:47:02



# Tropomi SWIR background noise (swir)

orbits : [2212, 7162]  
coverage : 2018-03-18 / 2019-03-01  
created : 2023-08-21T14:47:02

## trend of detector median of plain noise & temperatures

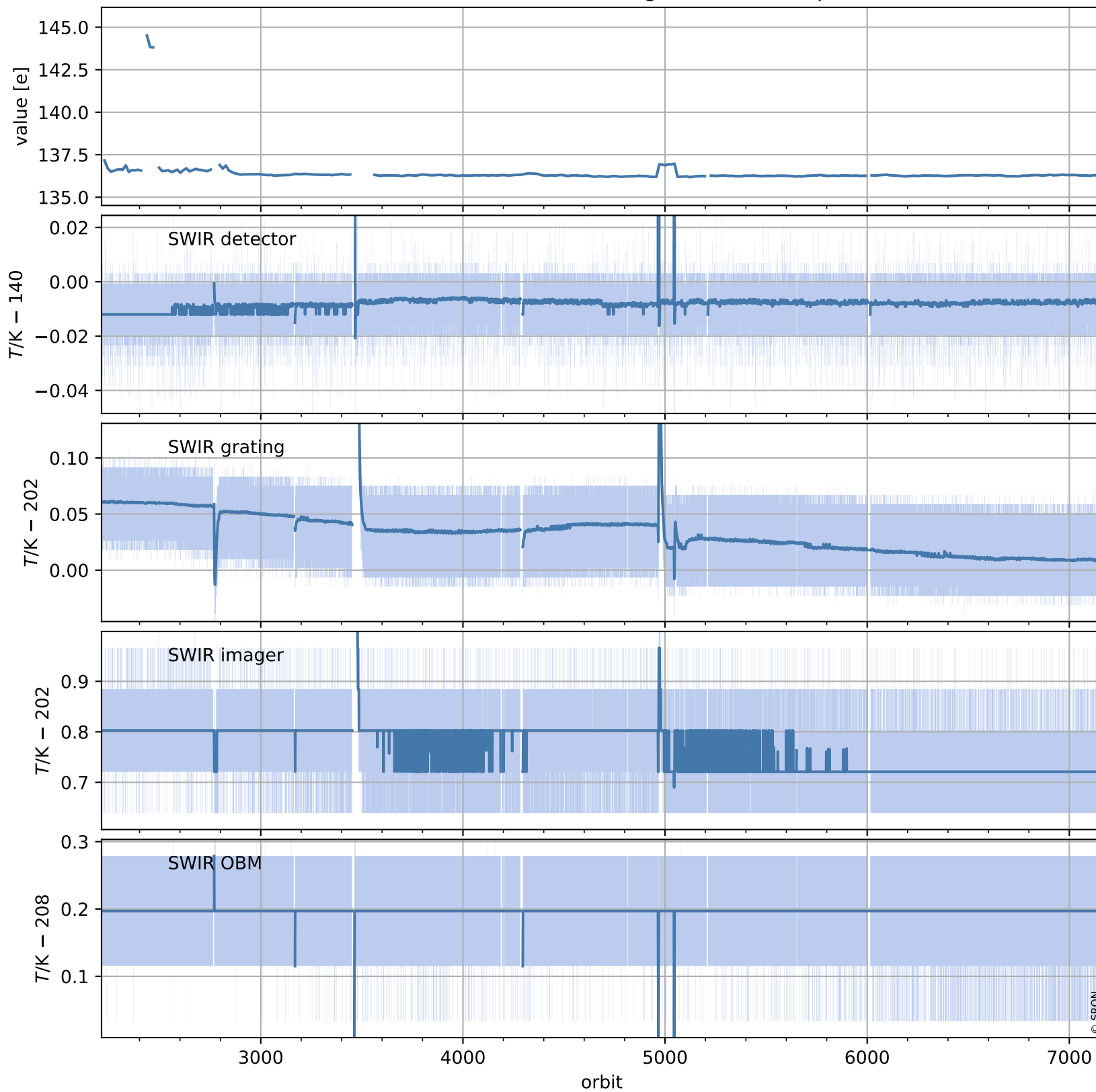




# Tropomi SWIR background noise (swir)

orbits : [2212, 7162]  
coverage : 2018-03-18 / 2019-03-01  
created : 2023-08-21T14:47:03

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 7162]  
coverage : 2018-03-18 / 2019-03-01  
created : 2023-08-21T14:47:03

## trend of normalized read-noise & temperatures

