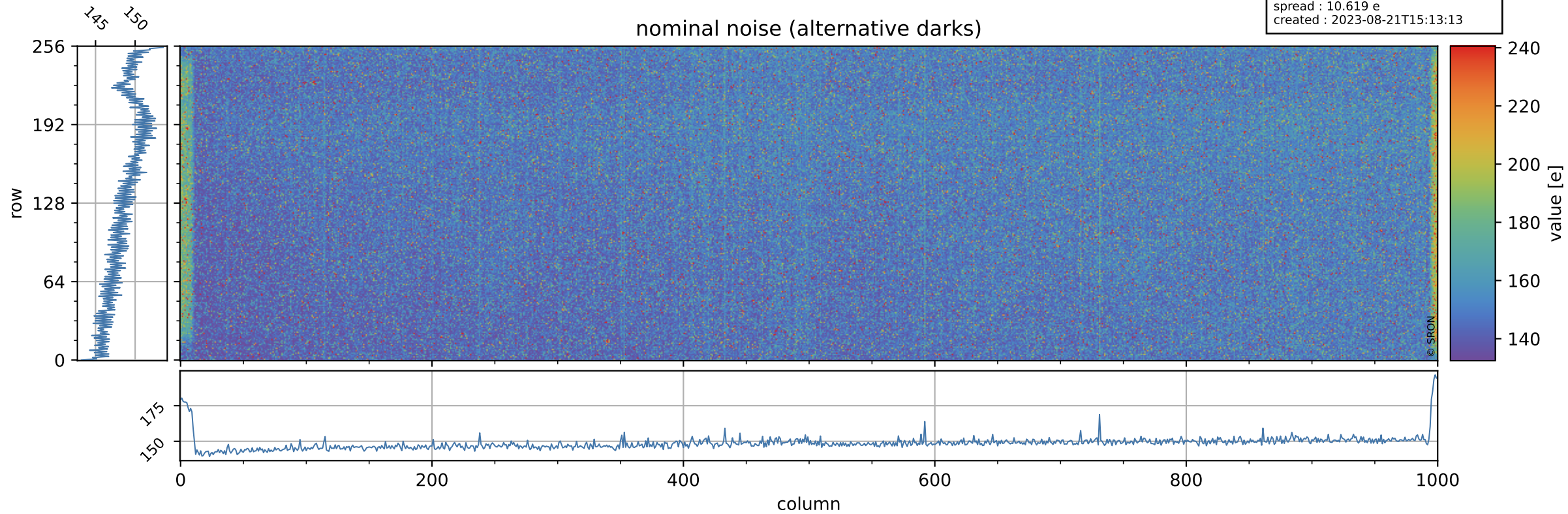


# Tropomi SWIR background noise (swir)

orbits : 12 in [10492, 10582]  
coverage : 2019-10-23 / 2019-10-29  
n\_coad, t\_exp : 1, 1.0783  
median : 148.53 e  
spread : 10.619 e  
created : 2023-08-21T15:13:13

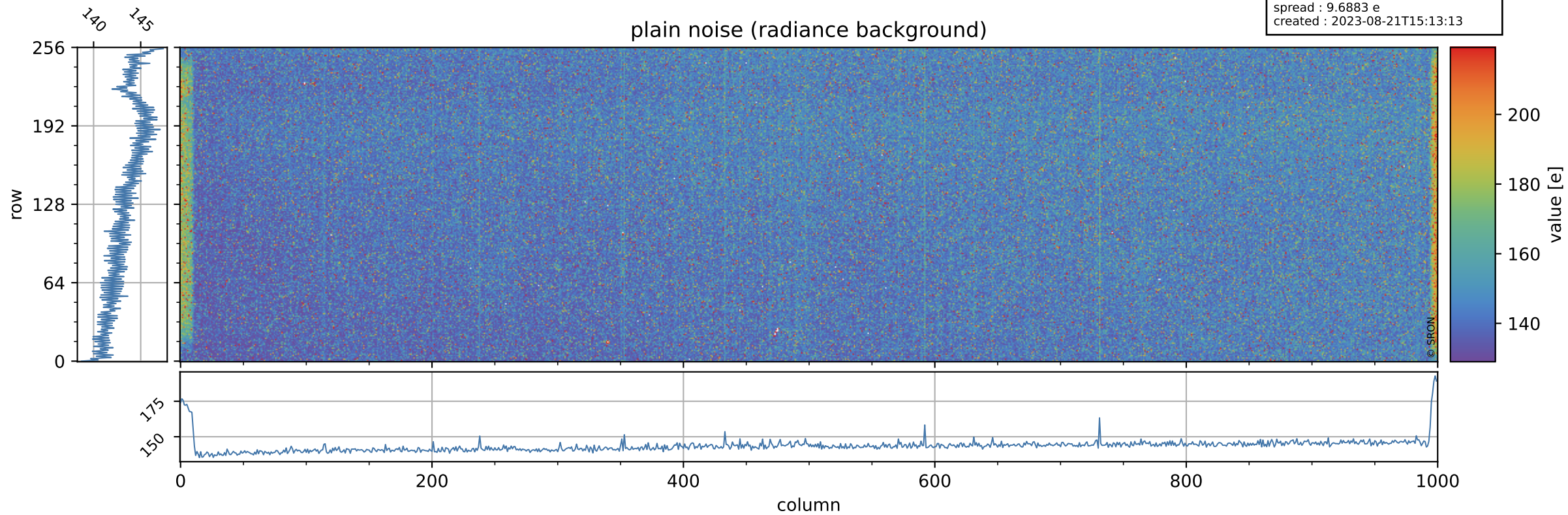
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10492, 10582]  
coverage : 2019-10-23 / 2019-10-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.32 e  
spread : 9.6883 e  
created : 2023-08-21T15:13:13

plain noise (radiance background)

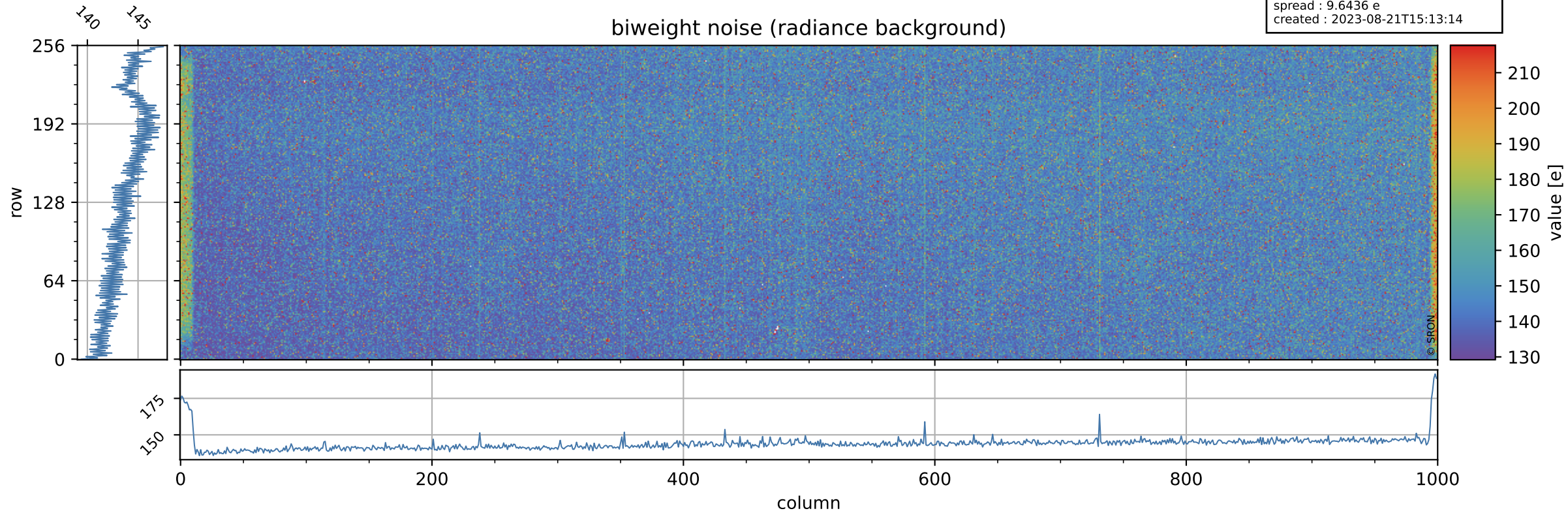




# Tropomi SWIR background noise (swir)

orbits : 12 in [10492, 10582]  
coverage : 2019-10-23 / 2019-10-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.66 e  
spread : 9.6436 e  
created : 2023-08-21T15:13:14

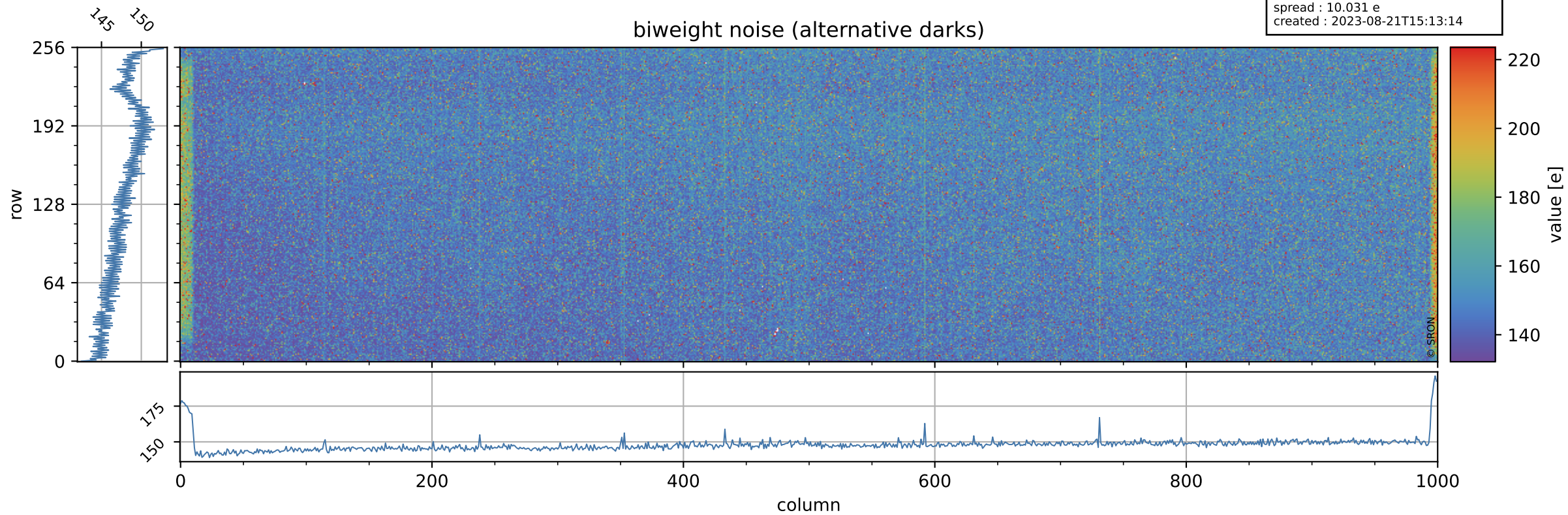
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10492, 10582]  
coverage : 2019-10-23 / 2019-10-29  
n\_coad, t\_exp : 1, 1.0783  
median : 147.6 e  
spread : 10.031 e  
created : 2023-08-21T15:13:14

## biweight noise (alternative darks)

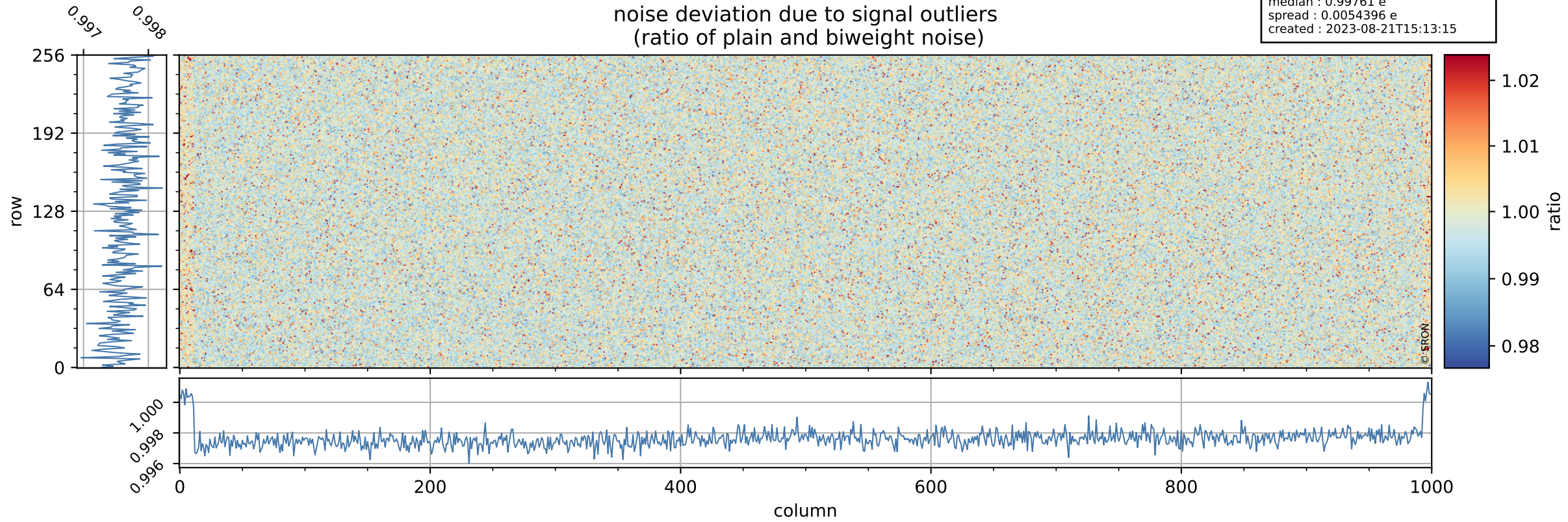




# Tropomi SWIR background noise (swir)

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

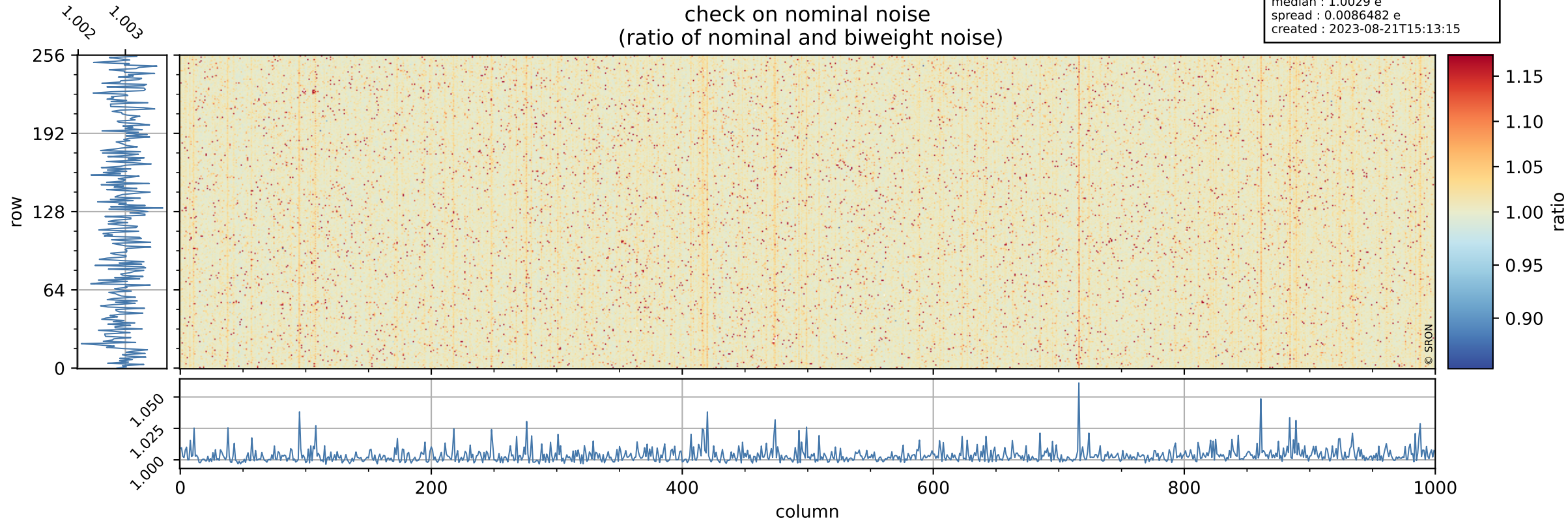
orbits : 12 in [10492, 10582]  
coverage : 2019-10-23 / 2019-10-29  
median : 0.99761 e  
spread : 0.0054396 e  
created : 2023-08-21T15:13:15



# Tropomi SWIR background noise (swir)

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

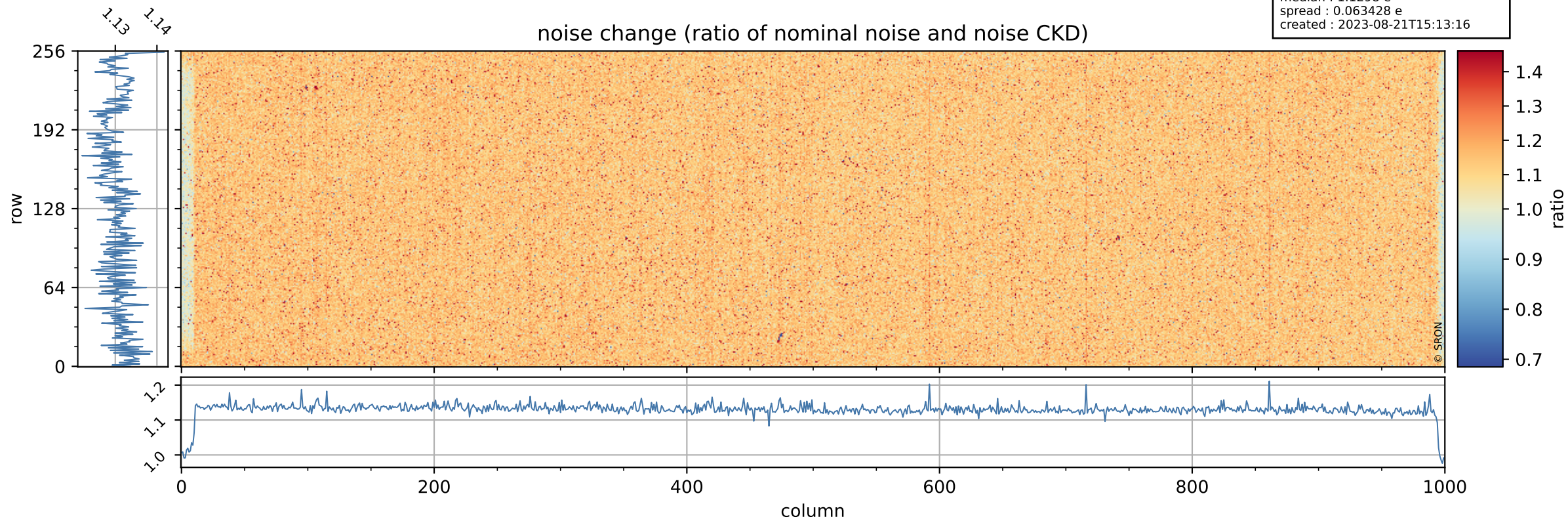
orbits : 12 in [10492, 10582]  
coverage : 2019-10-23 / 2019-10-29  
median : 1.0029 e  
spread : 0.0086482 e  
created : 2023-08-21T15:13:15





# Tropomi SWIR background noise (swir)

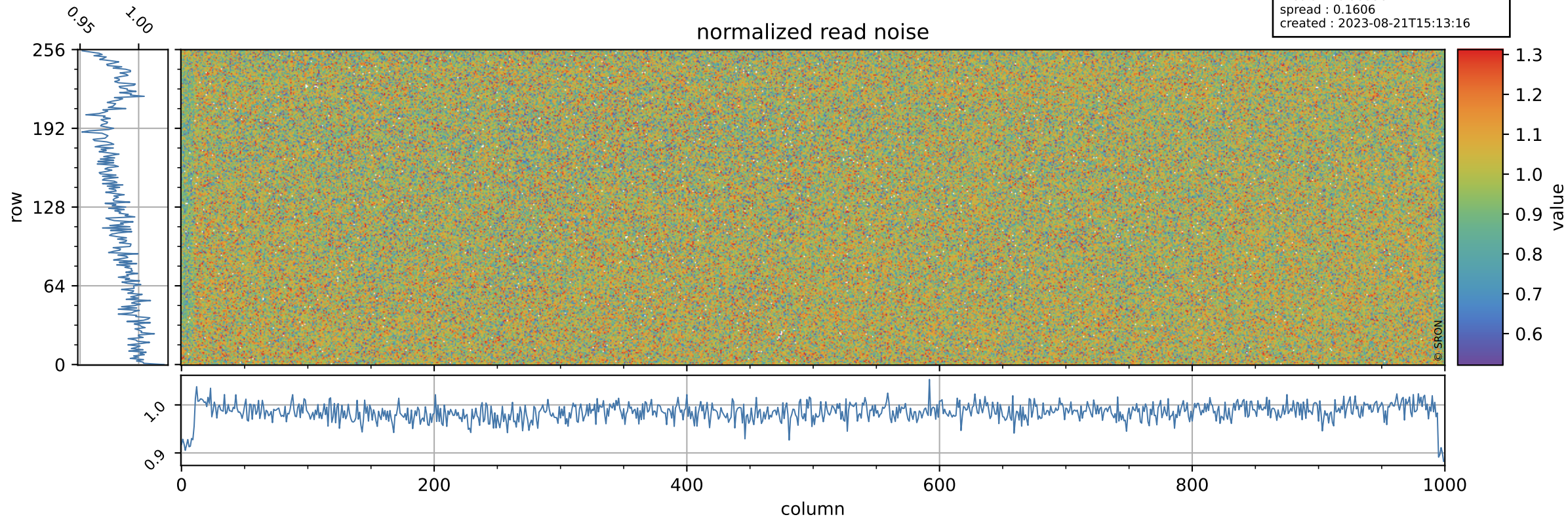
orbits : 12 in [10492, 10582]  
coverage : 2019-10-23 / 2019-10-29  
median : 1.1298 e  
spread : 0.063428 e  
created : 2023-08-21T15:13:16





# Tropomi SWIR background noise (swir)

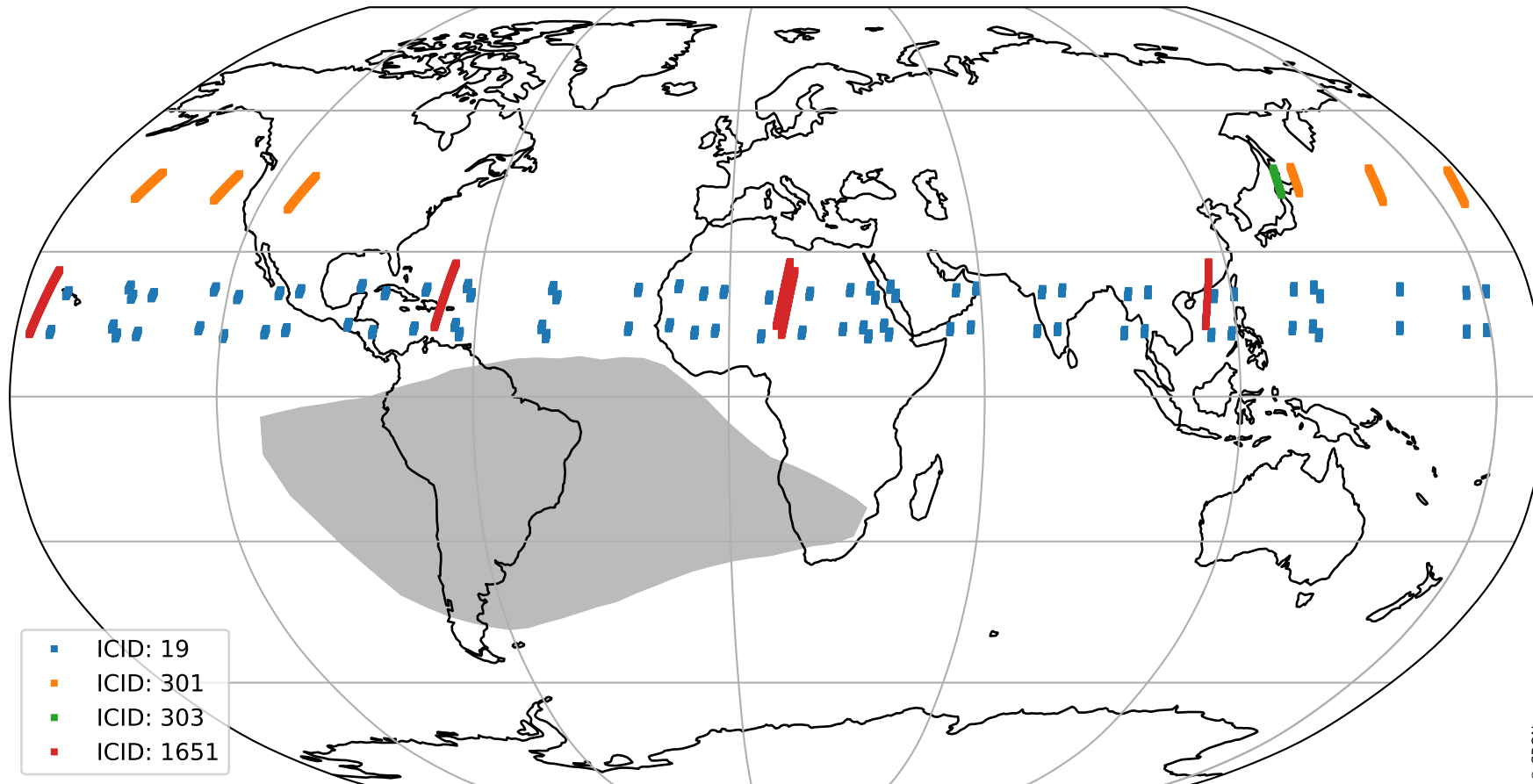
orbits : 12 in [10492, 10582]  
coverage : 2019-10-23 / 2019-10-29  
median : 0.98336  
spread : 0.1606  
created : 2023-08-21T15:13:16





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

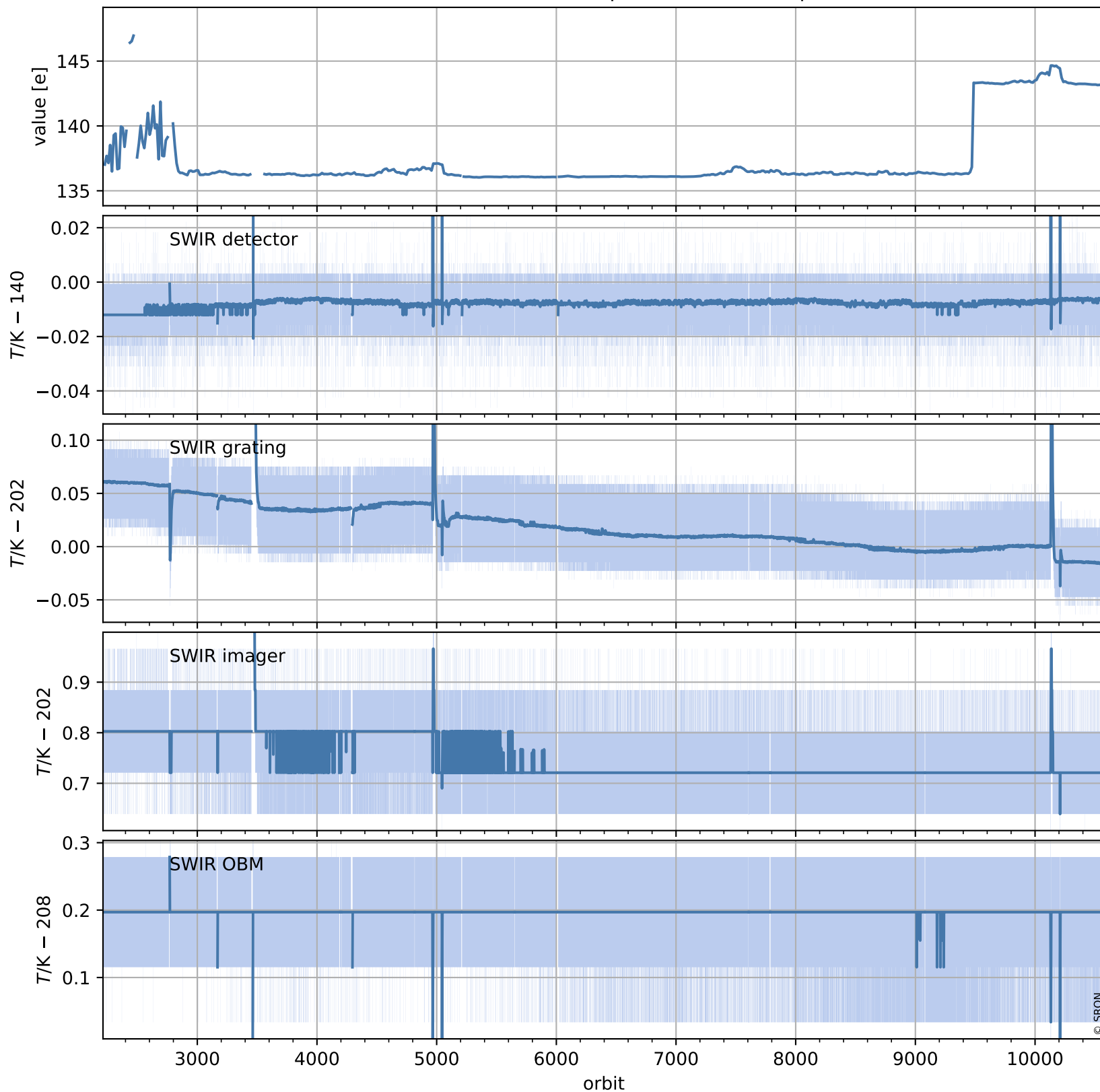
orbits : 12 in [10492, 10582]  
coverage : 2019-10-23 / 2019-10-29  
created : 2023-08-21T15:13:17



# Tropomi SWIR background noise (swir)

orbits : [2212, 10582]  
coverage : 2018-03-18 / 2019-10-29  
created : 2023-08-21T15:13:17

## trend of detector median of plain noise & temperatures

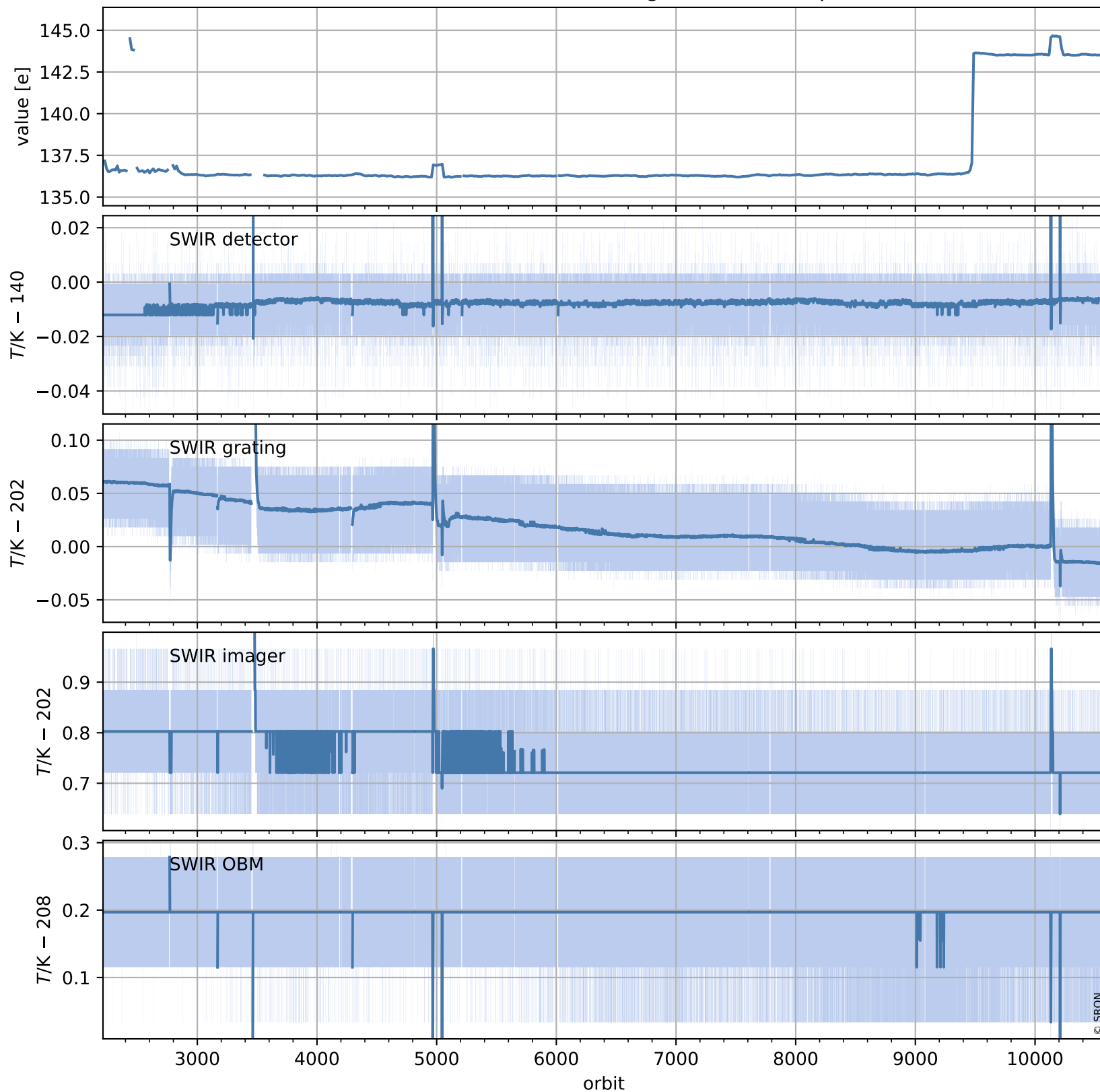




# Tropomi SWIR background noise (swir)

orbits : [2212, 10582]  
coverage : 2018-03-18 / 2019-10-29  
created : 2023-08-21T15:13:18

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10582]  
coverage : 2018-03-18 / 2019-10-29  
created : 2023-08-21T15:13:19

## trend of normalized read-noise & temperatures

