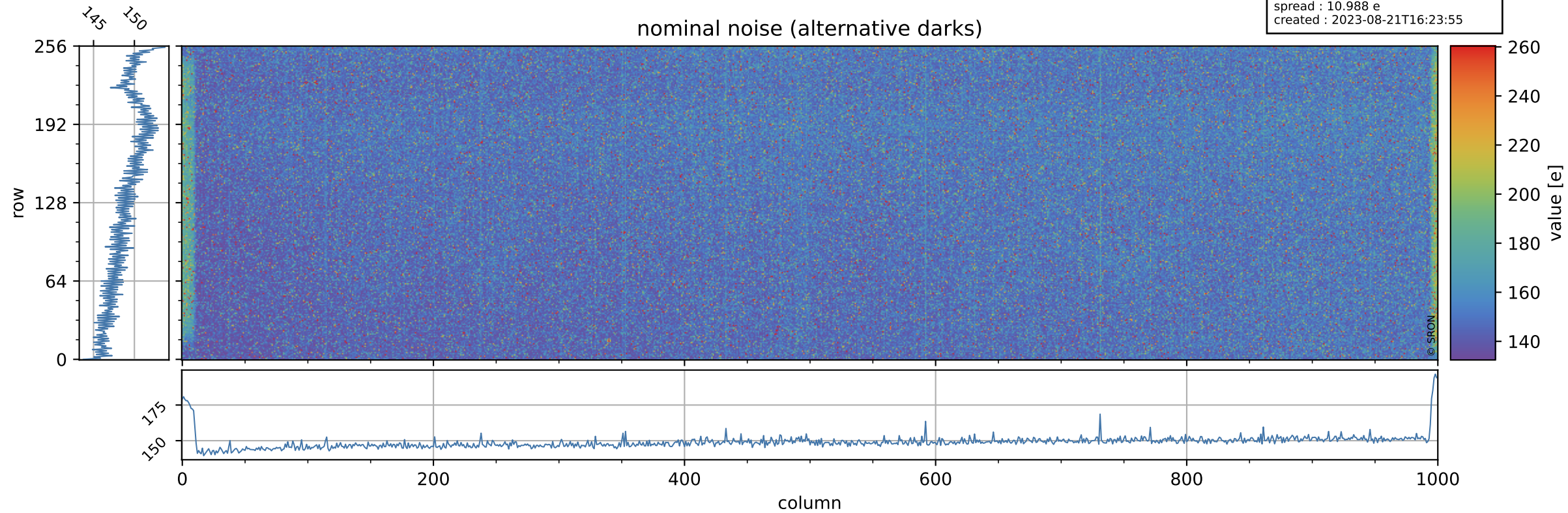


# Tropomi SWIR background noise (swir)

orbits : 11 in [22357, 22447]  
coverage : 2022-02-05 / 2022-02-11  
n\_coad, t\_exp : 1, 1.0783  
median : 148.85 e  
spread : 10.988 e  
created : 2023-08-21T16:23:55

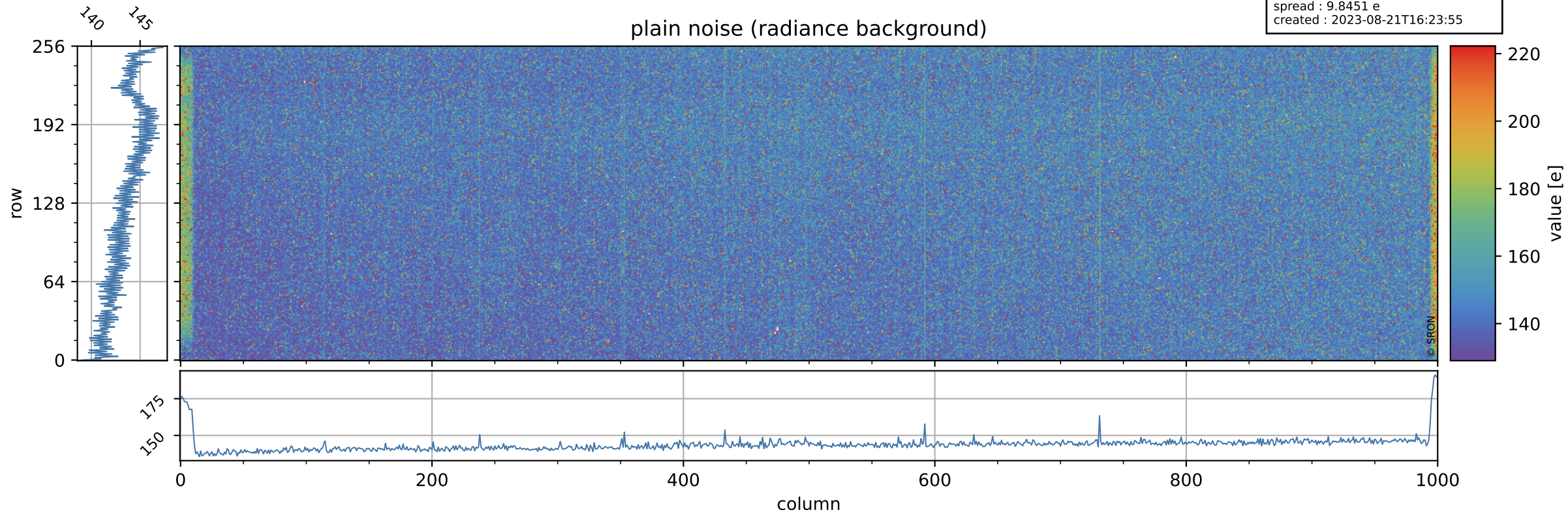
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 11 in [22357, 22447]  
coverage : 2022-02-05 / 2022-02-11  
n\_coad, t\_exp : 1, 0.8383  
median : 143.5 e  
spread : 9.8451 e  
created : 2023-08-21T16:23:55

## plain noise (radiance background)

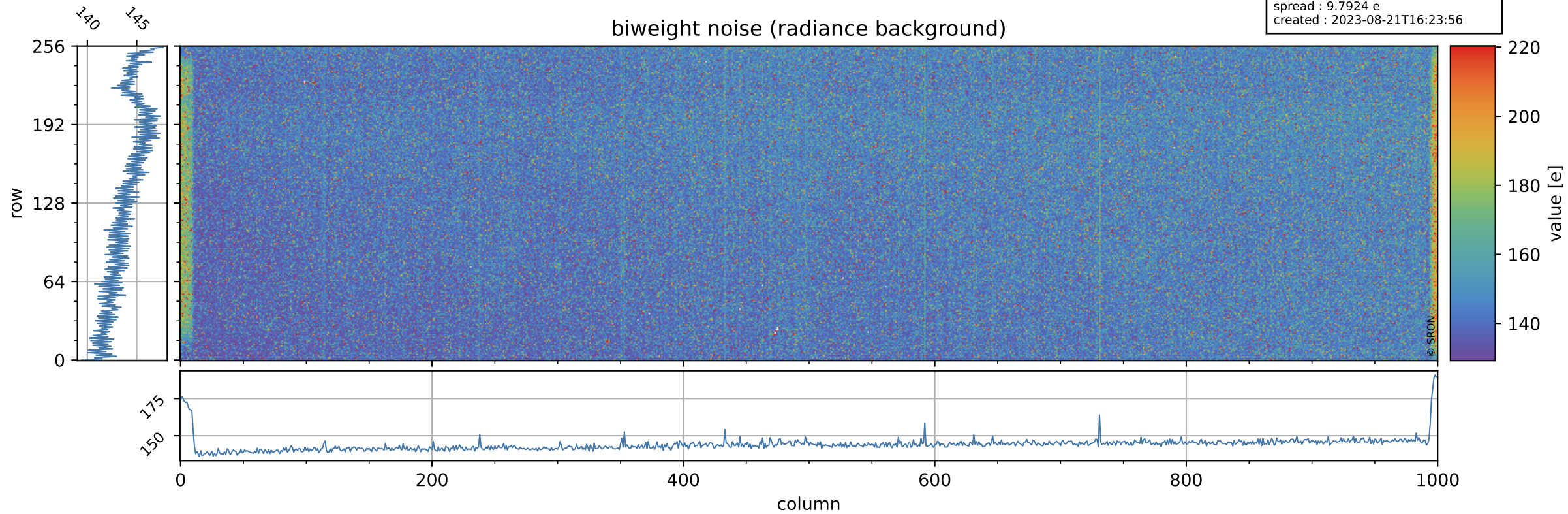




# Tropomi SWIR background noise (swir)

orbits : 11 in [22357, 22447]  
coverage : 2022-02-05 / 2022-02-11  
n\_coad, t\_exp : 1, 0.8383  
median : 143.83 e  
spread : 9.7924 e  
created : 2023-08-21T16:23:56

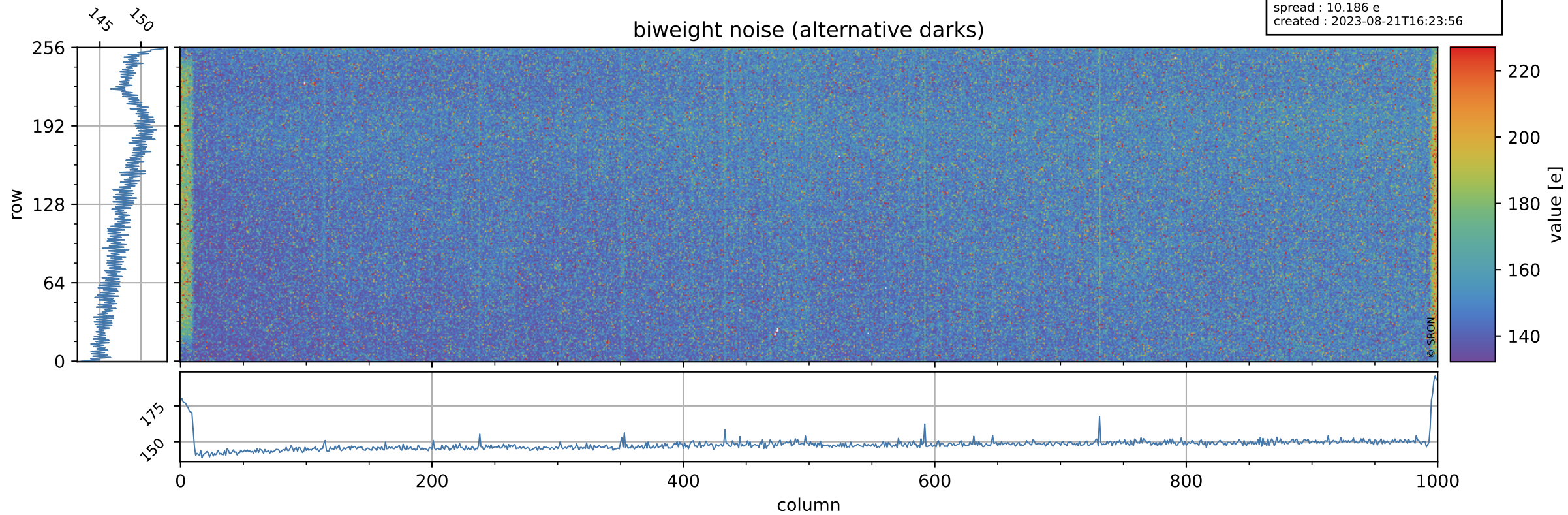
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [22357, 22447]  
coverage : 2022-02-05 / 2022-02-11  
n\_coad, t\_exp : 1, 1.0783  
median : 147.8 e  
spread : 10.186 e  
created : 2023-08-21T16:23:56

## biweight noise (alternative darks)

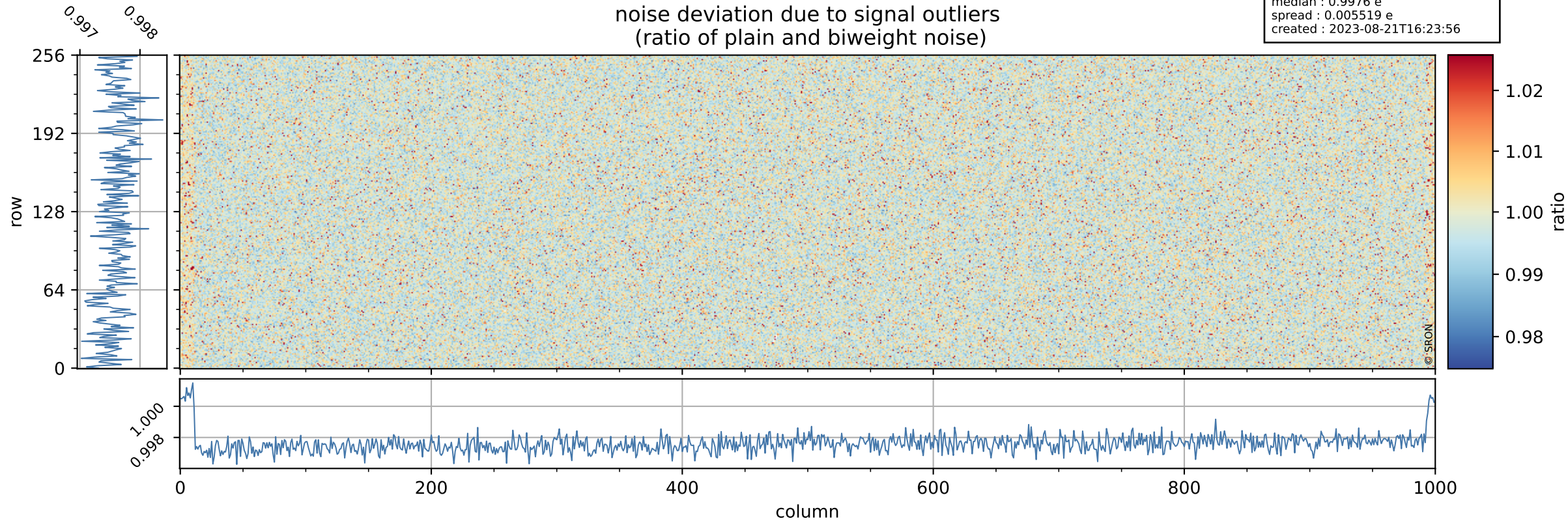




# Tropomi SWIR background noise (swir)

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

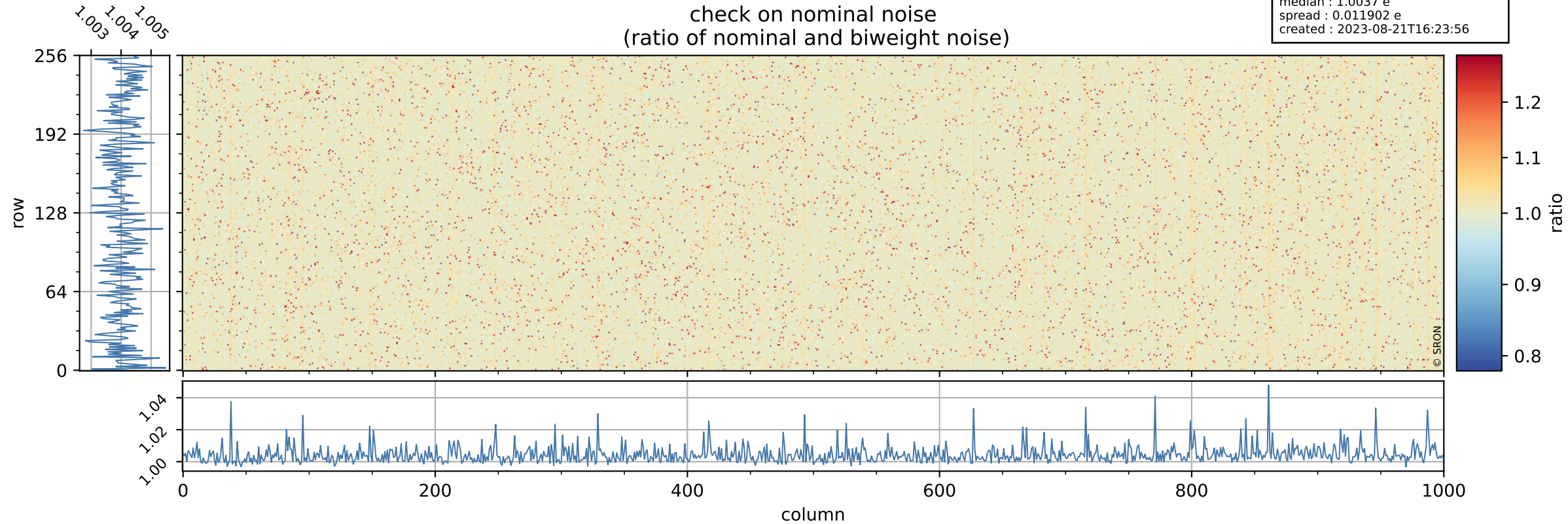
orbits : 11 in [22357, 22447]  
coverage : 2022-02-05 / 2022-02-11  
median : 0.9976 e  
spread : 0.005519 e  
created : 2023-08-21T16:23:56



# Tropomi SWIR background noise (swir)

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

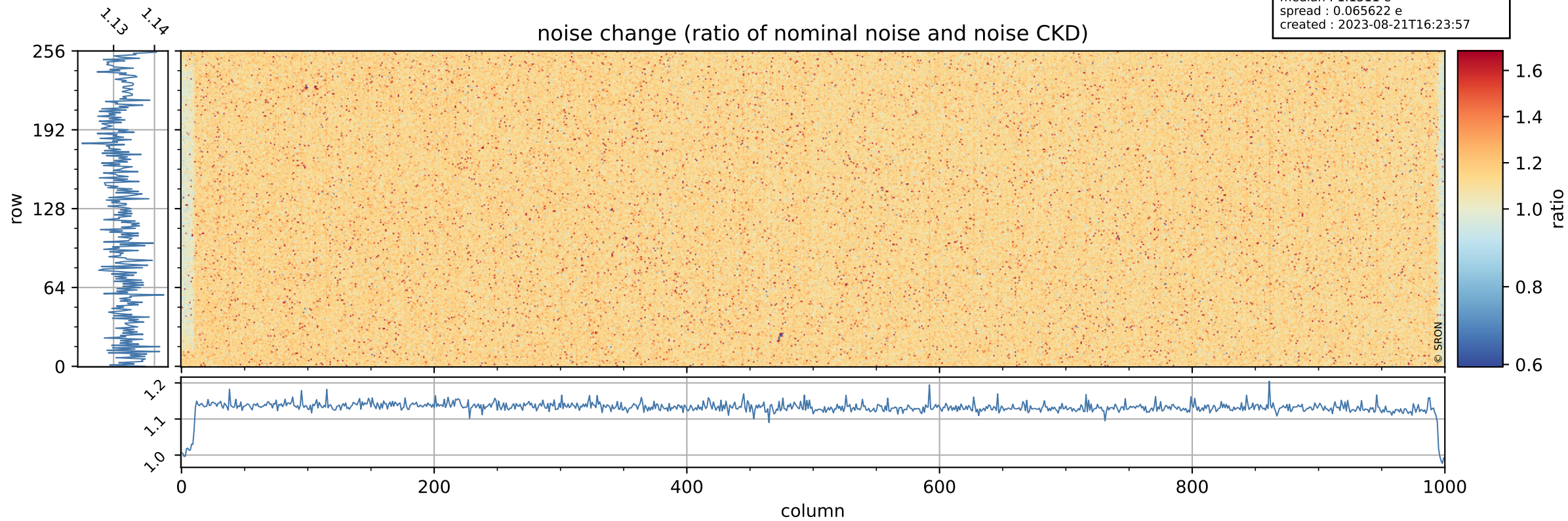
orbits : 11 in [22357, 22447]  
coverage : 2022-02-05 / 2022-02-11  
median : 1.0037 e  
spread : 0.011902 e  
created : 2023-08-21T16:23:56





# Tropomi SWIR background noise (swir)

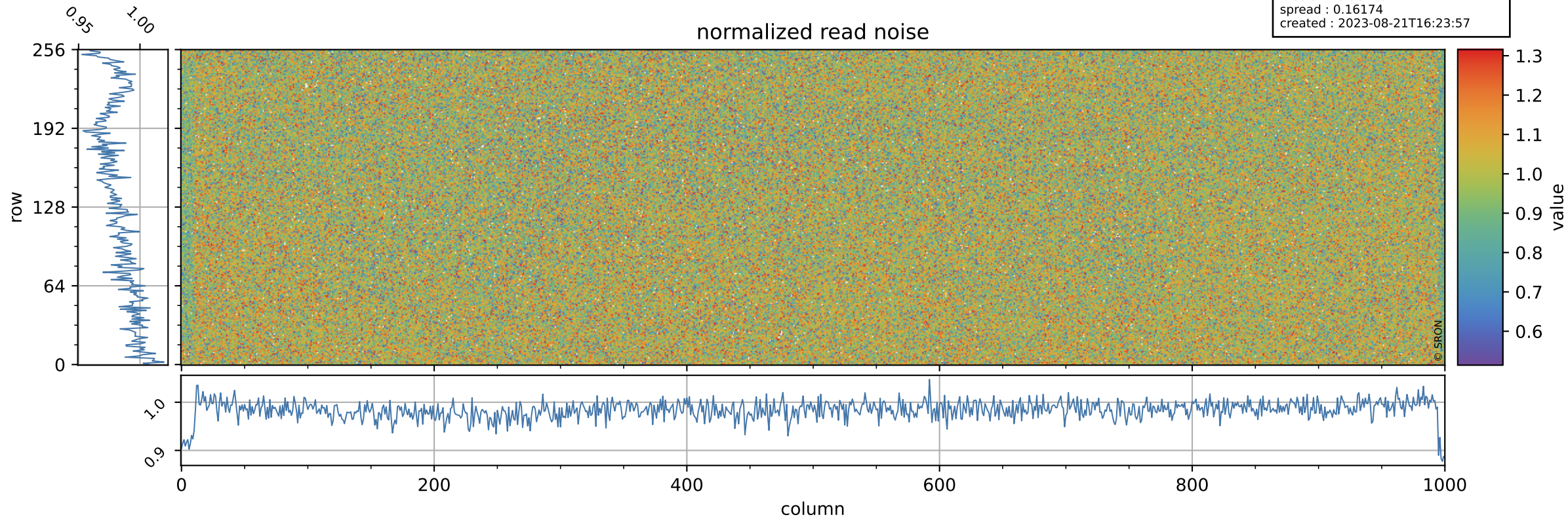
orbits : 11 in [22357, 22447]  
coverage : 2022-02-05 / 2022-02-11  
median : 1.1311 e  
spread : 0.065622 e  
created : 2023-08-21T16:23:57





# Tropomi SWIR background noise (swir)

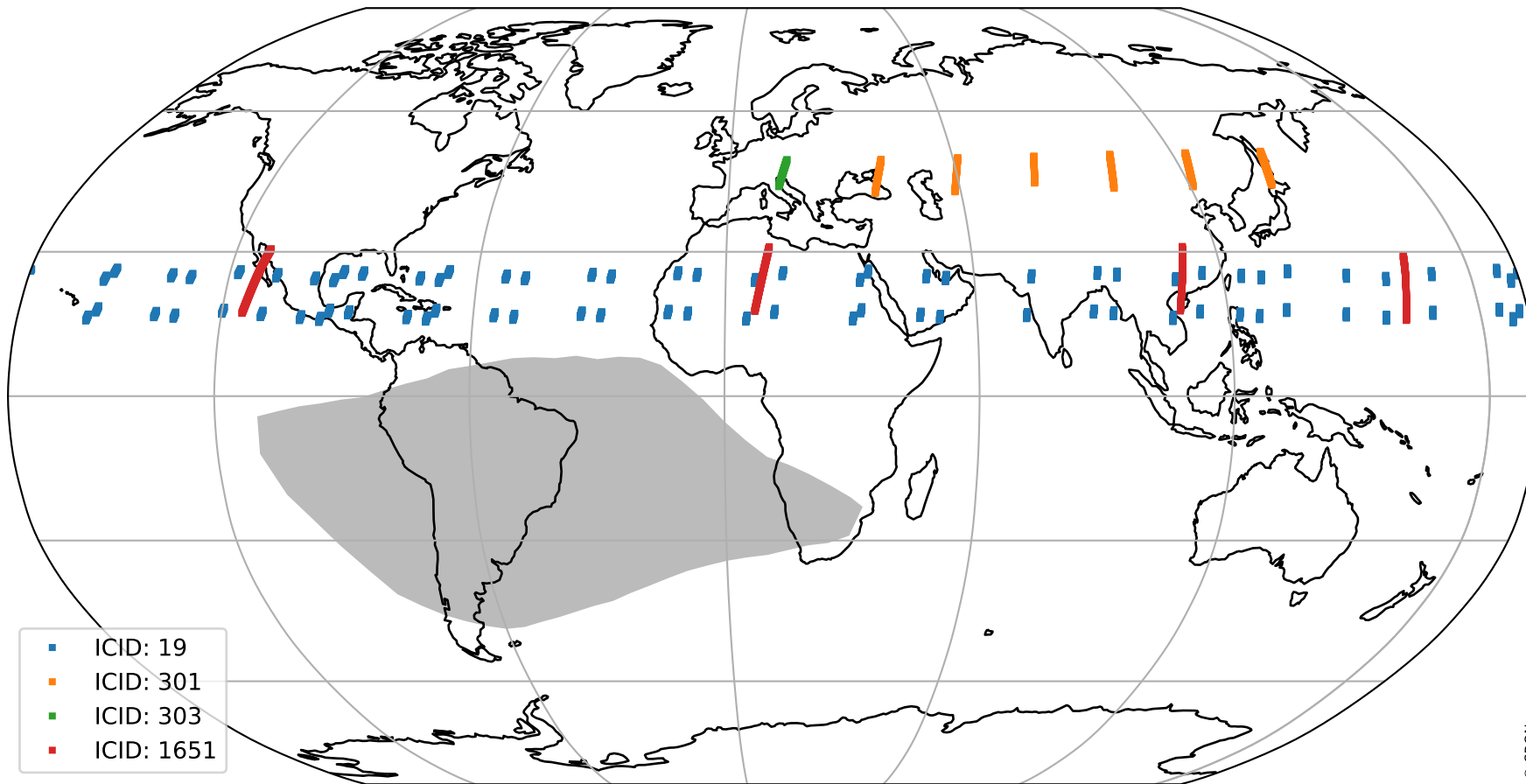
orbits : 11 in [22357, 22447]  
coverage : 2022-02-05 / 2022-02-11  
median : 0.98278  
spread : 0.16174  
created : 2023-08-21T16:23:57





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

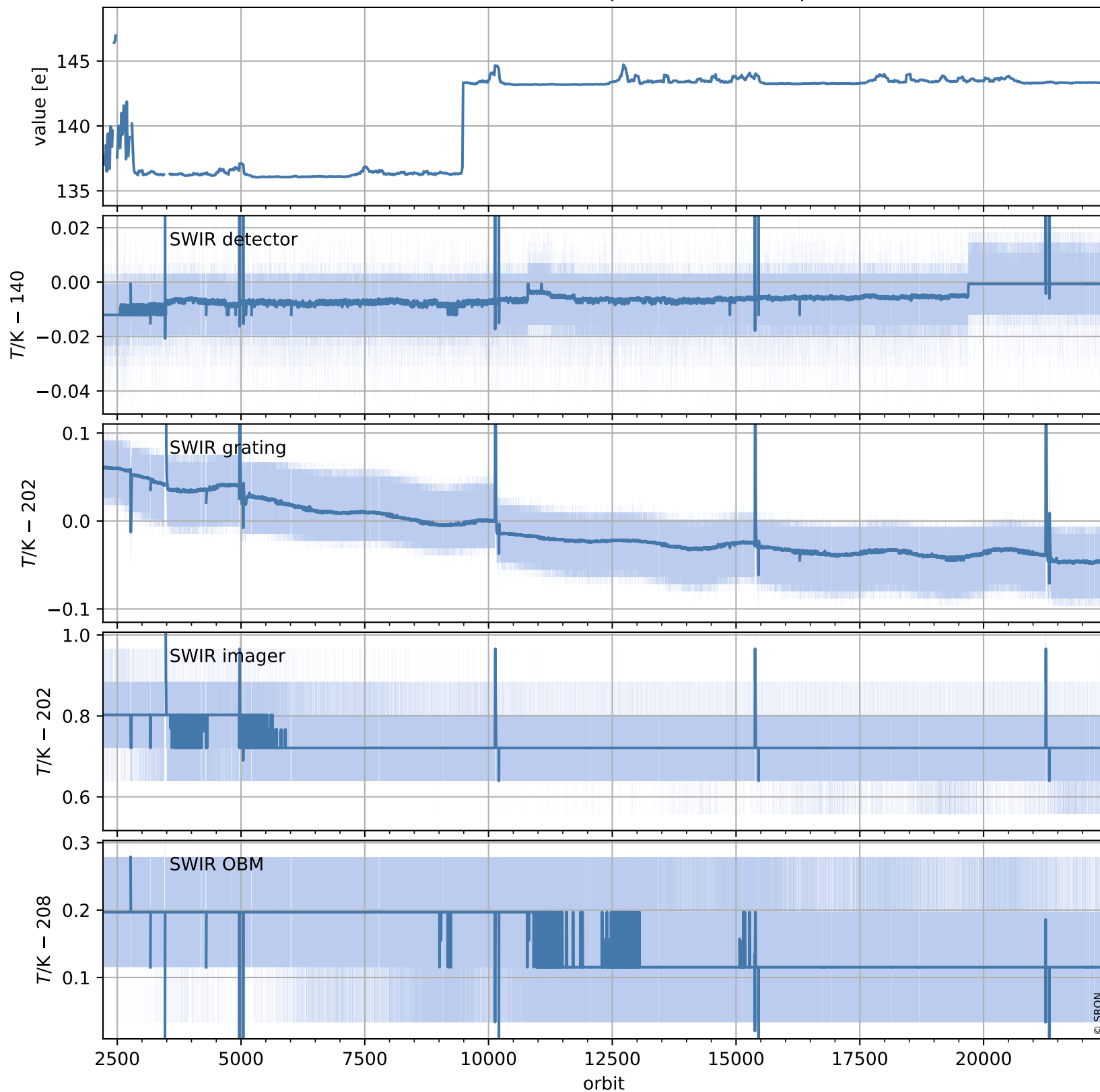
orbits : 11 in [22357, 22447]  
coverage : 2022-02-05 / 2022-02-11  
created : 2023-08-21T16:23:57



# Tropomi SWIR background noise (swir)

orbits : [2212, 22447]  
coverage : 2018-03-18 / 2022-02-11  
created : 2023-08-21T16:23:58

## trend of detector median of plain noise & temperatures

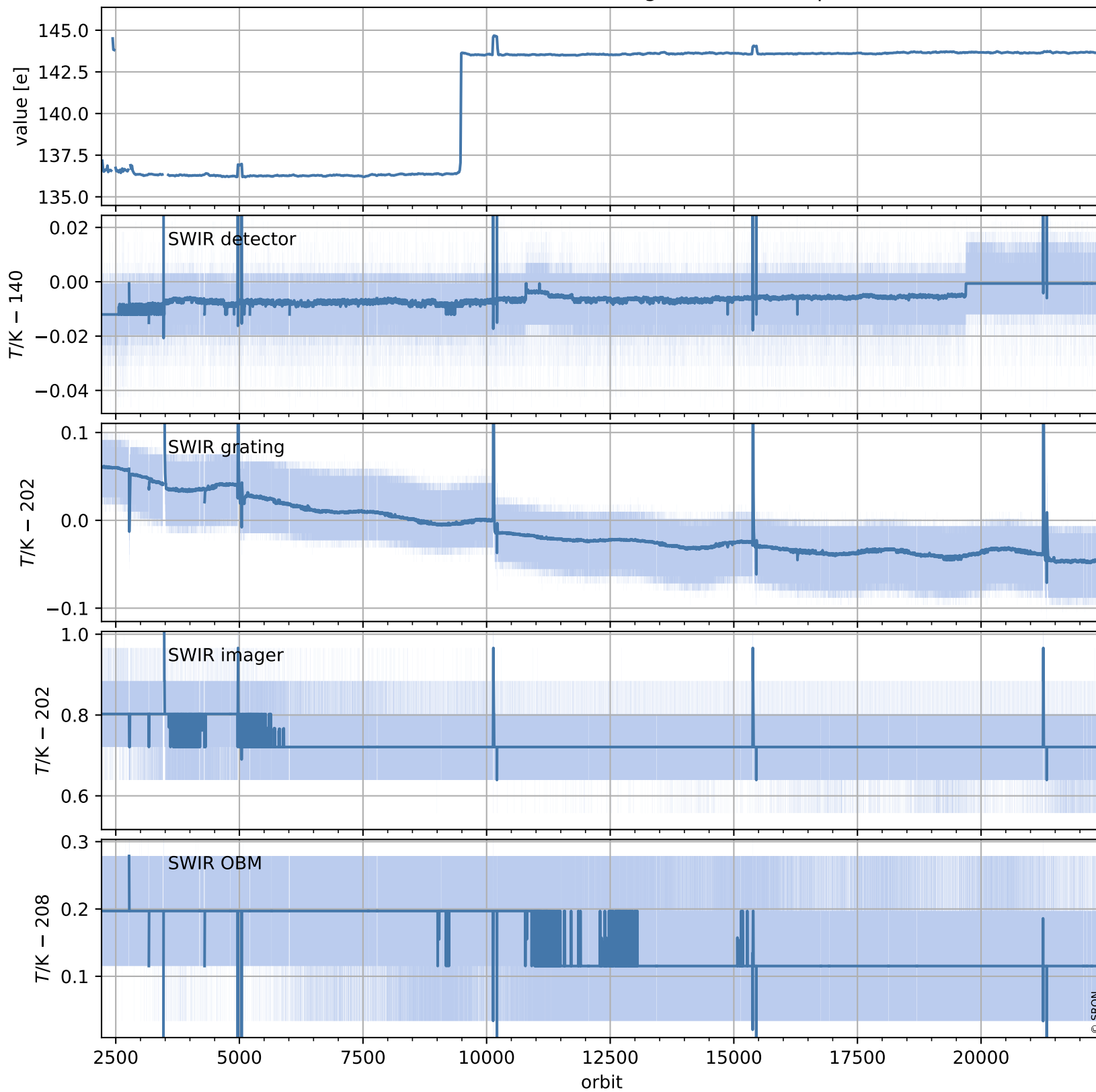




# Tropomi SWIR background noise (swir)

orbits : [2212, 22447]  
coverage : 2018-03-18 / 2022-02-11  
created : 2023-08-21T16:23:59

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 22447]  
coverage : 2018-03-18 / 2022-02-11  
created : 2023-08-21T16:23:59

## trend of normalized read-noise & temperatures

