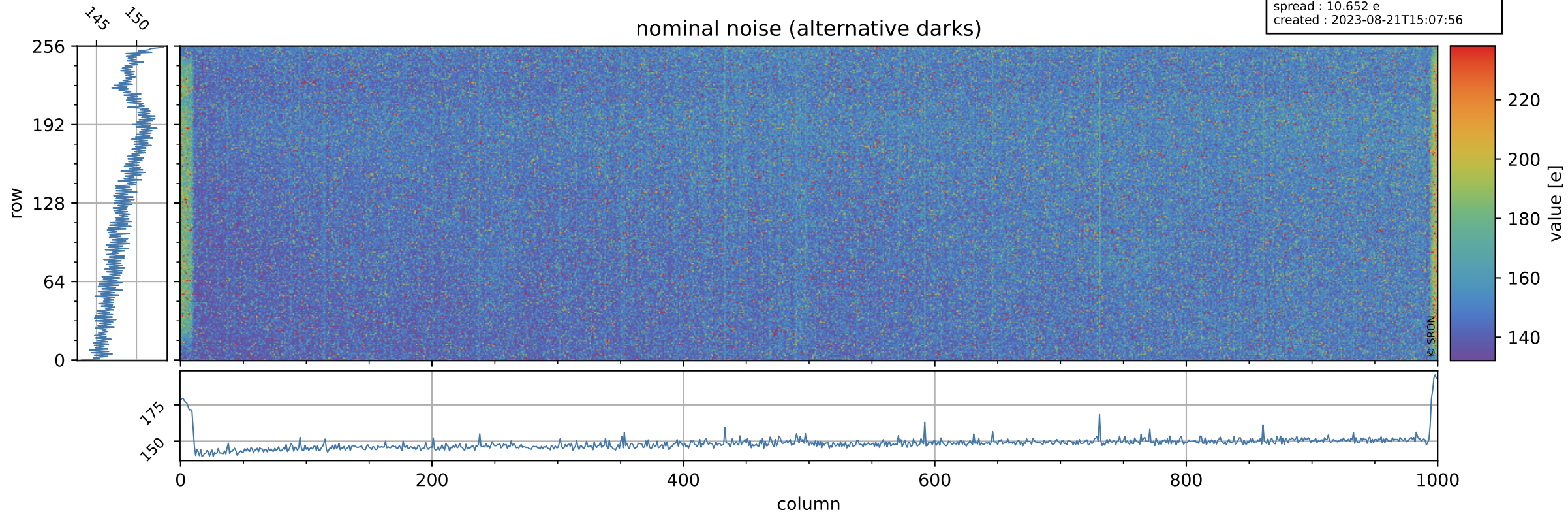


# Tropomi SWIR background noise (swir)

orbits : 12 in [9847, 9922]  
coverage : 2019-09-06 / 2019-09-12  
n\_coad, t\_exp : 1, 1.0783  
median : 148.35 e  
spread : 10.652 e  
created : 2023-08-21T15:07:56

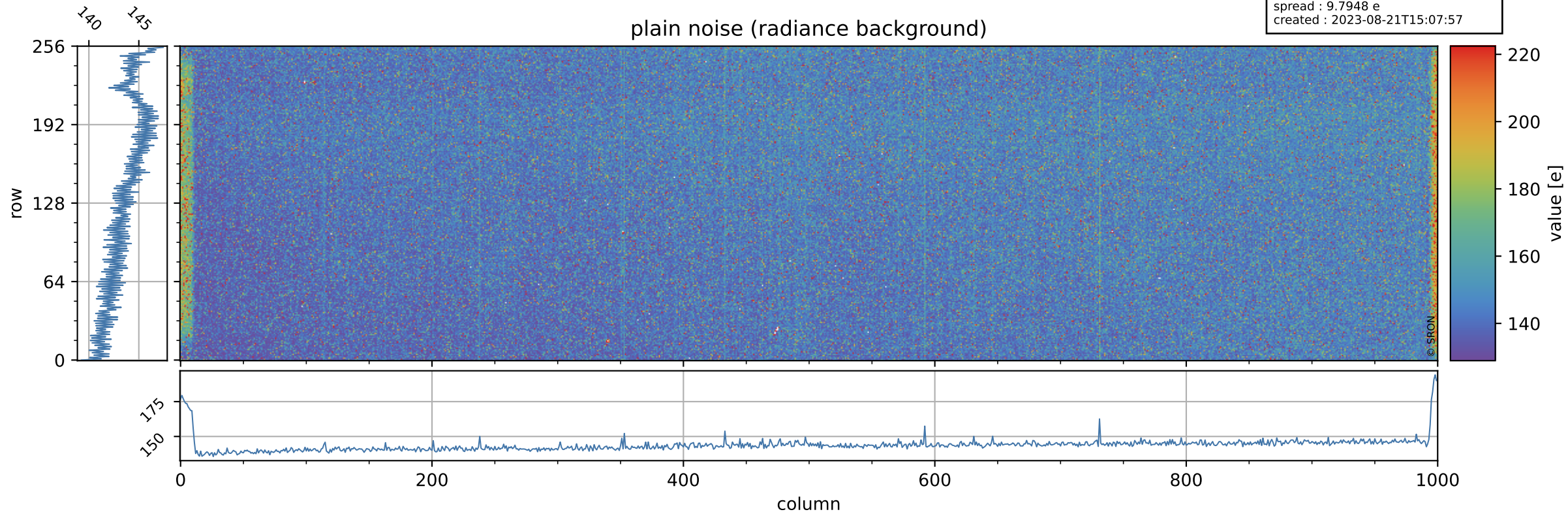
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9847, 9922]  
coverage : 2019-09-06 / 2019-09-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.53 e  
spread : 9.7948 e  
created : 2023-08-21T15:07:57

plain noise (radiance background)

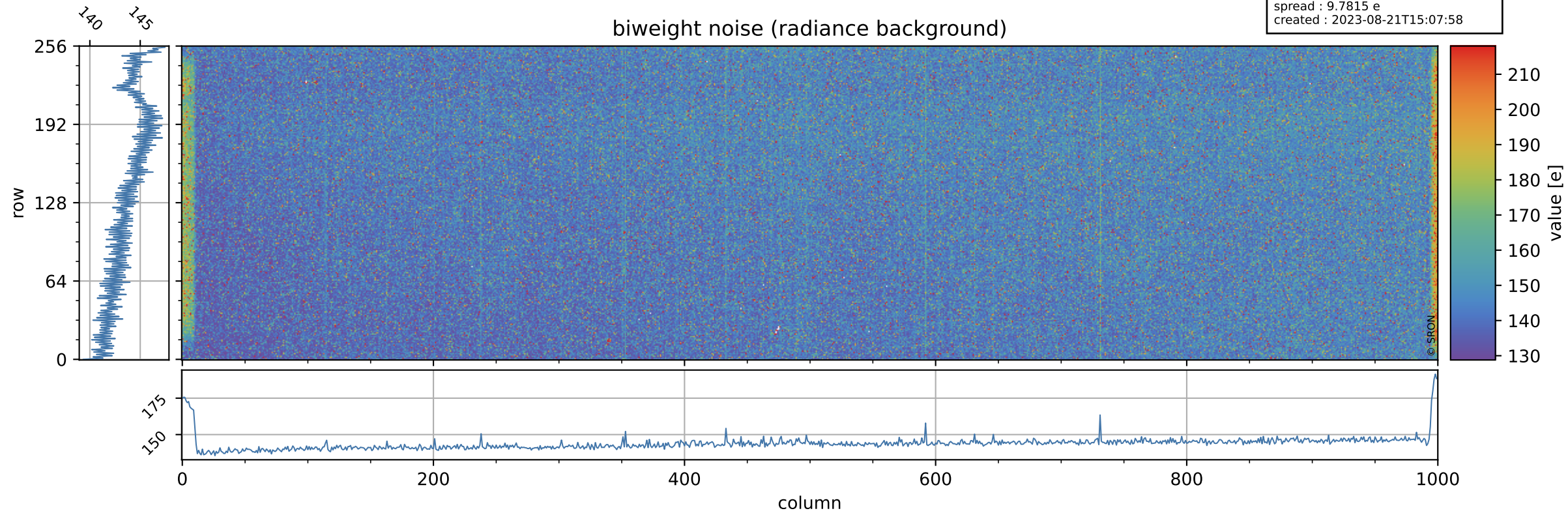




# Tropomi SWIR background noise (swir)

orbits : 12 in [9847, 9922]  
coverage : 2019-09-06 / 2019-09-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.65 e  
spread : 9.7815 e  
created : 2023-08-21T15:07:58

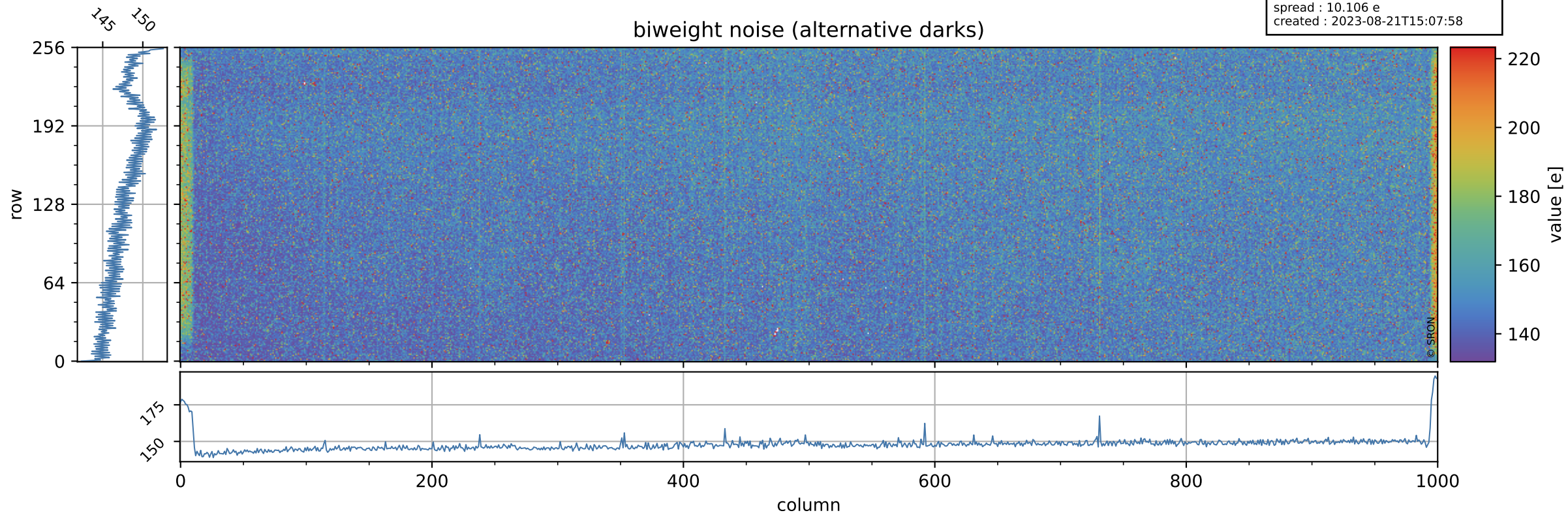
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9847, 9922]  
coverage : 2019-09-06 / 2019-09-12  
n\_coad, t\_exp : 1, 1.0783  
median : 147.6 e  
spread : 10.106 e  
created : 2023-08-21T15:07:58

## biweight noise (alternative darks)

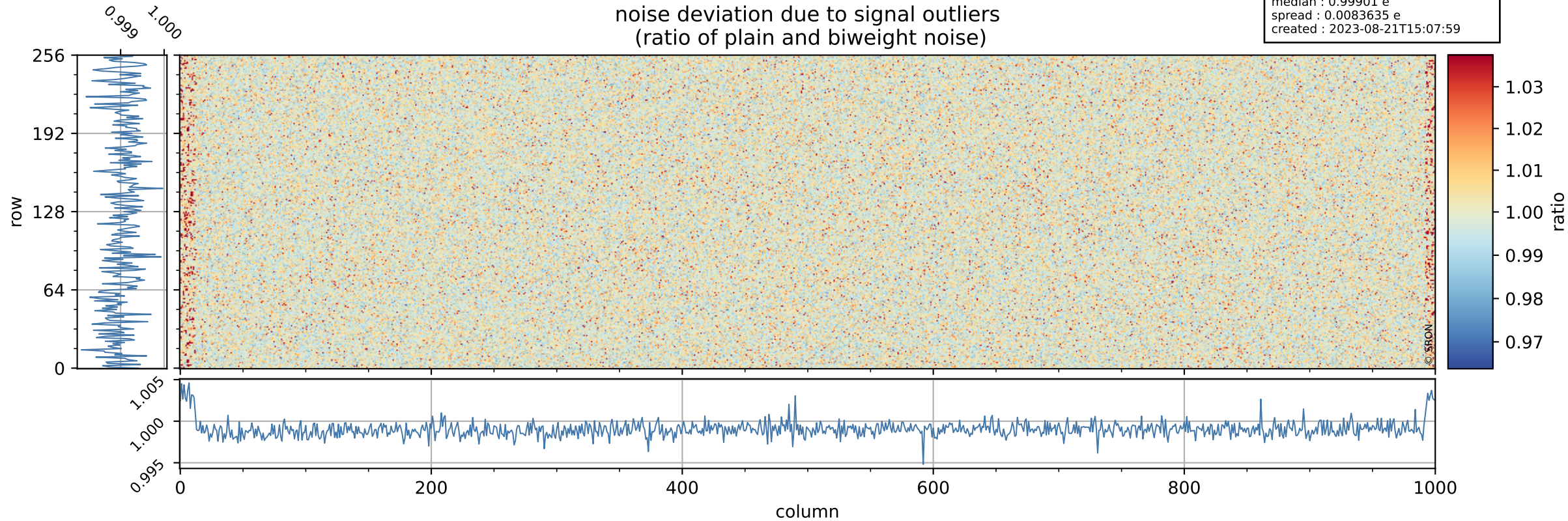




# Tropomi SWIR background noise (swir)

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

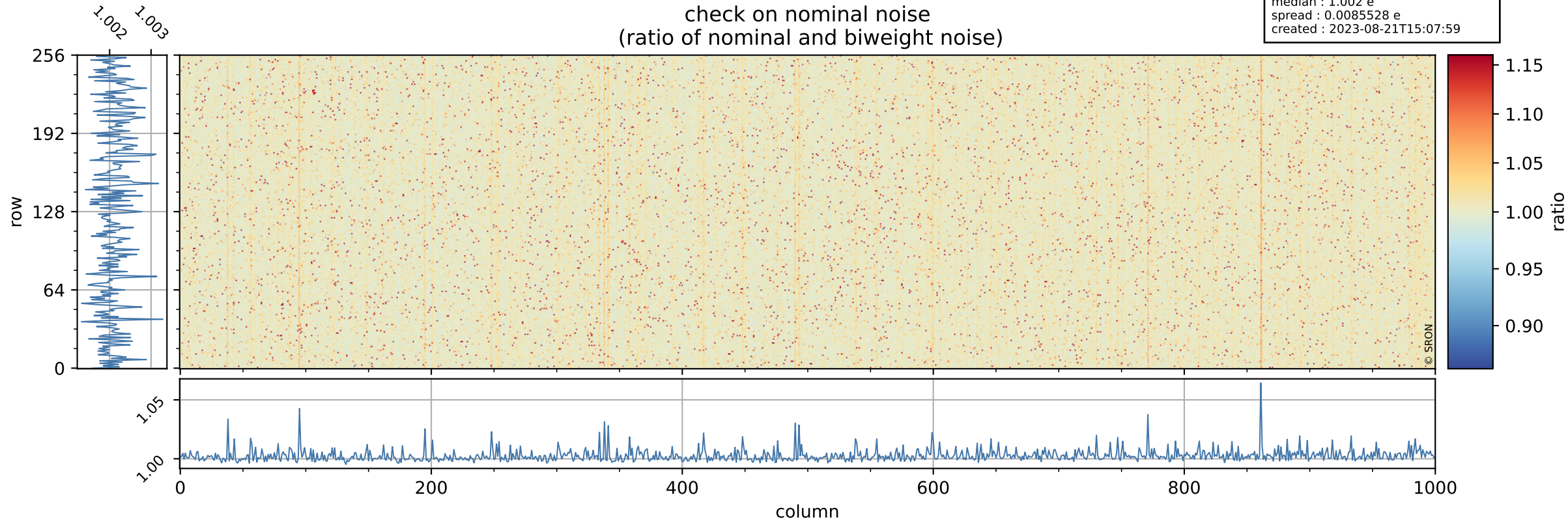
orbits : 12 in [9847, 9922]  
coverage : 2019-09-06 / 2019-09-12  
median : 0.99901 e  
spread : 0.0083635 e  
created : 2023-08-21T15:07:59



# Tropomi SWIR background noise (swir)

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

orbits : 12 in [9847, 9922]  
coverage : 2019-09-06 / 2019-09-12  
median : 1.002 e  
spread : 0.0085528 e  
created : 2023-08-21T15:07:59

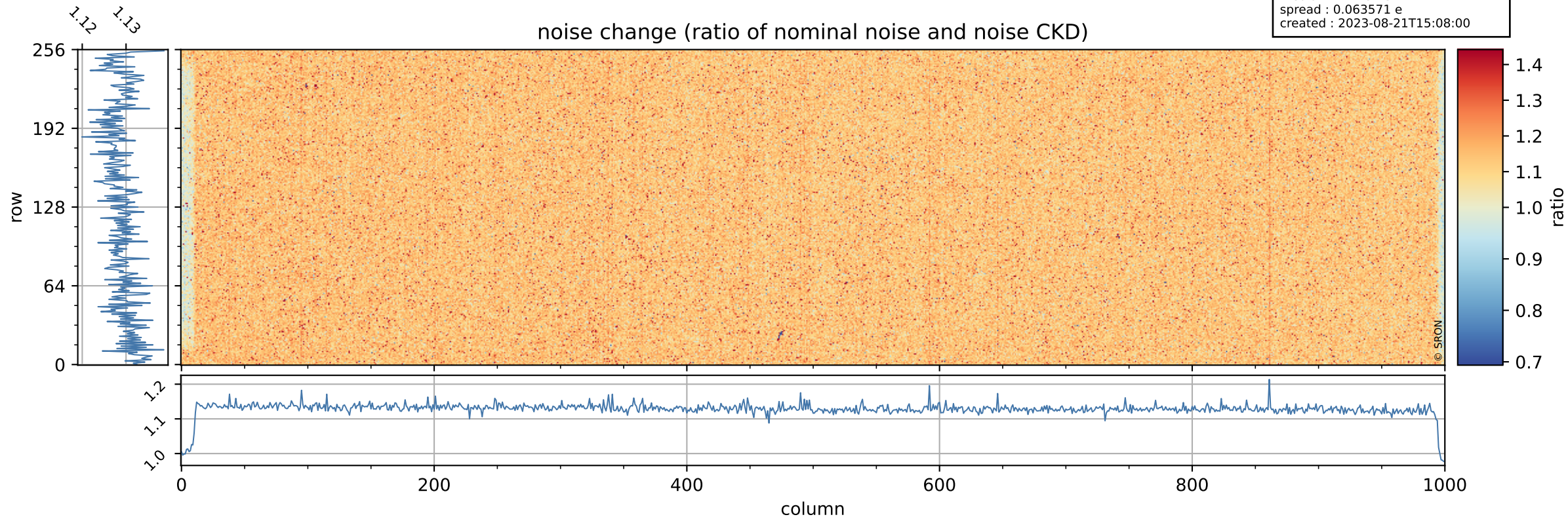




# Tropomi SWIR background noise (swir)

orbits : 12 in [9847, 9922]  
coverage : 2019-09-06 / 2019-09-12  
median : 1.1284 e  
spread : 0.063571 e  
created : 2023-08-21T15:08:00

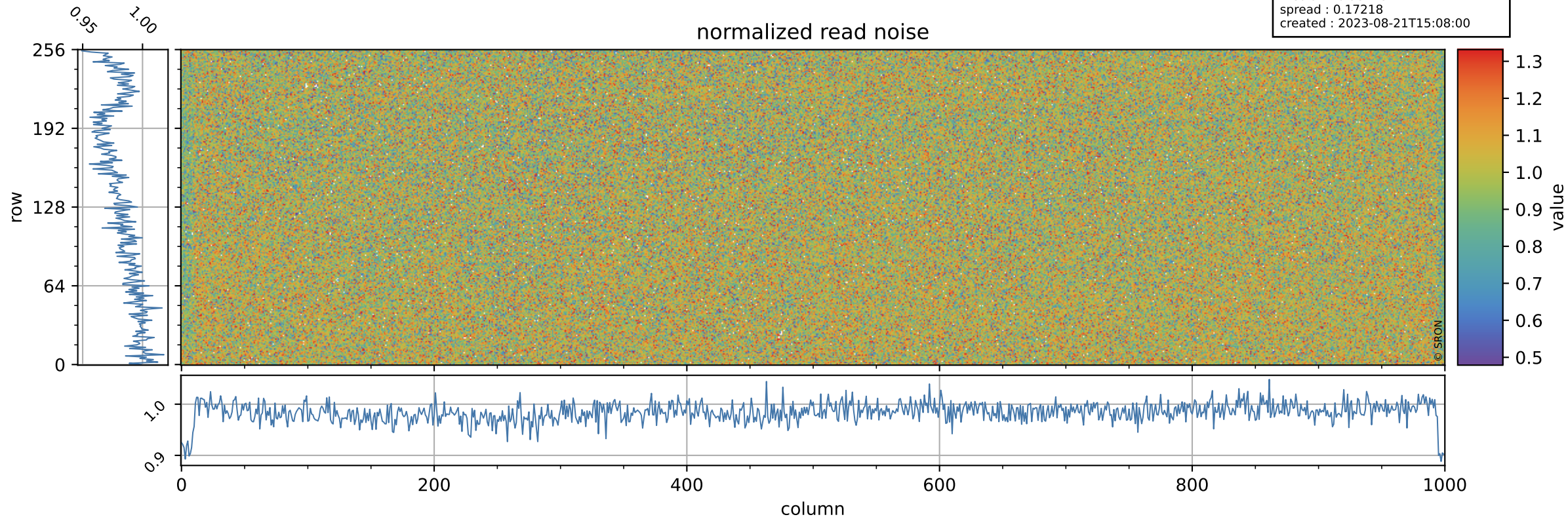
noise change (ratio of nominal noise and noise CKD)





# Tropomi SWIR background noise (swir)

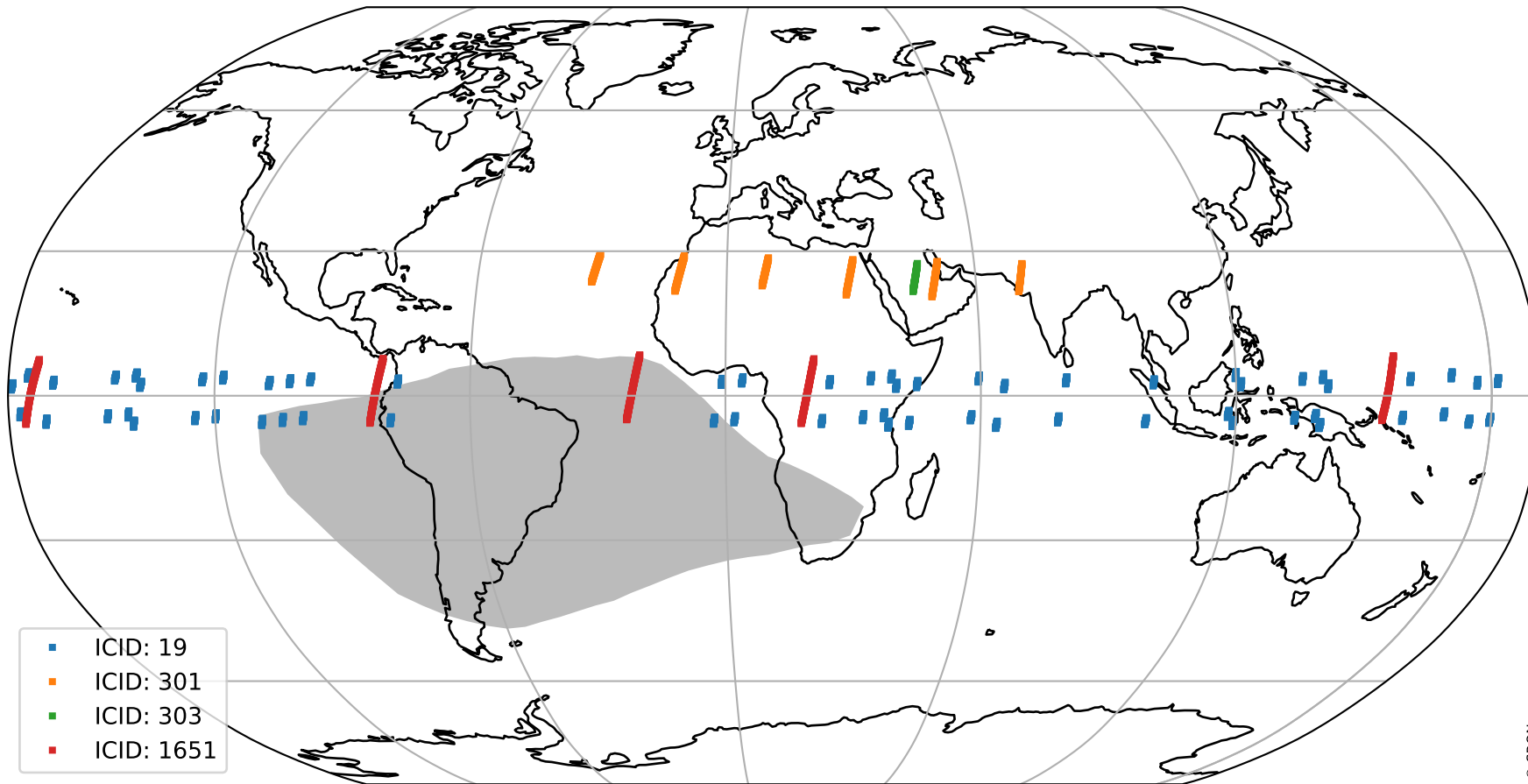
orbits : 12 in [9847, 9922]  
coverage : 2019-09-06 / 2019-09-12  
median : 0.98248  
spread : 0.17218  
created : 2023-08-21T15:08:00





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

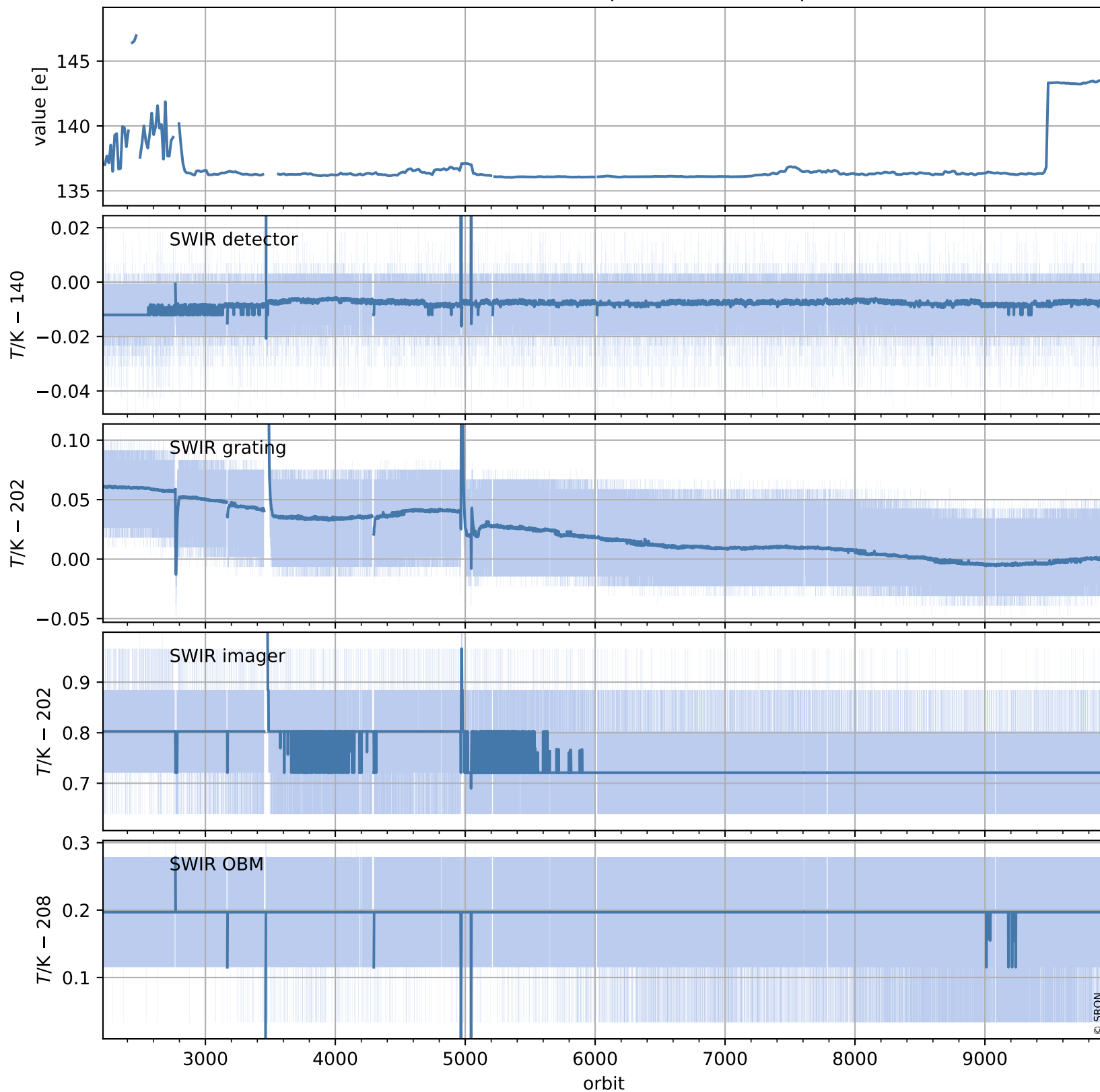
orbits : 12 in [9847, 9922]  
coverage : 2019-09-06 / 2019-09-12  
created : 2023-08-21T15:08:00



# Tropomi SWIR background noise (swir)

orbits : [2212, 9922]  
coverage : 2018-03-18 / 2019-09-12  
created : 2023-08-21T15:08:01

## trend of detector median of plain noise & temperatures

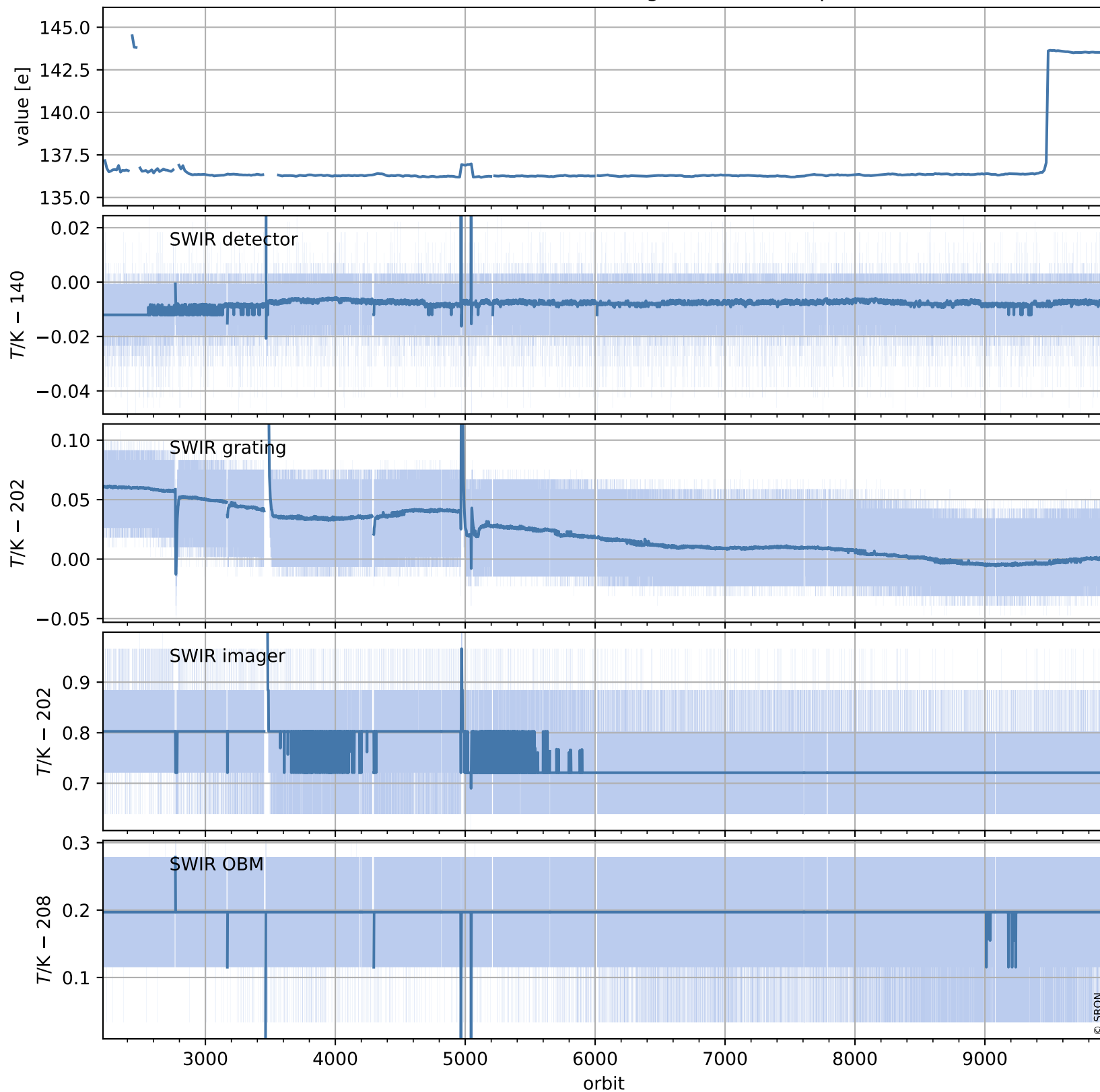




# Tropomi SWIR background noise (swir)

orbits : [2212, 9922]  
coverage : 2018-03-18 / 2019-09-12  
created : 2023-08-21T15:08:02

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9922]  
coverage : 2018-03-18 / 2019-09-12  
created : 2023-08-21T15:08:03

## trend of normalized read-noise & temperatures

