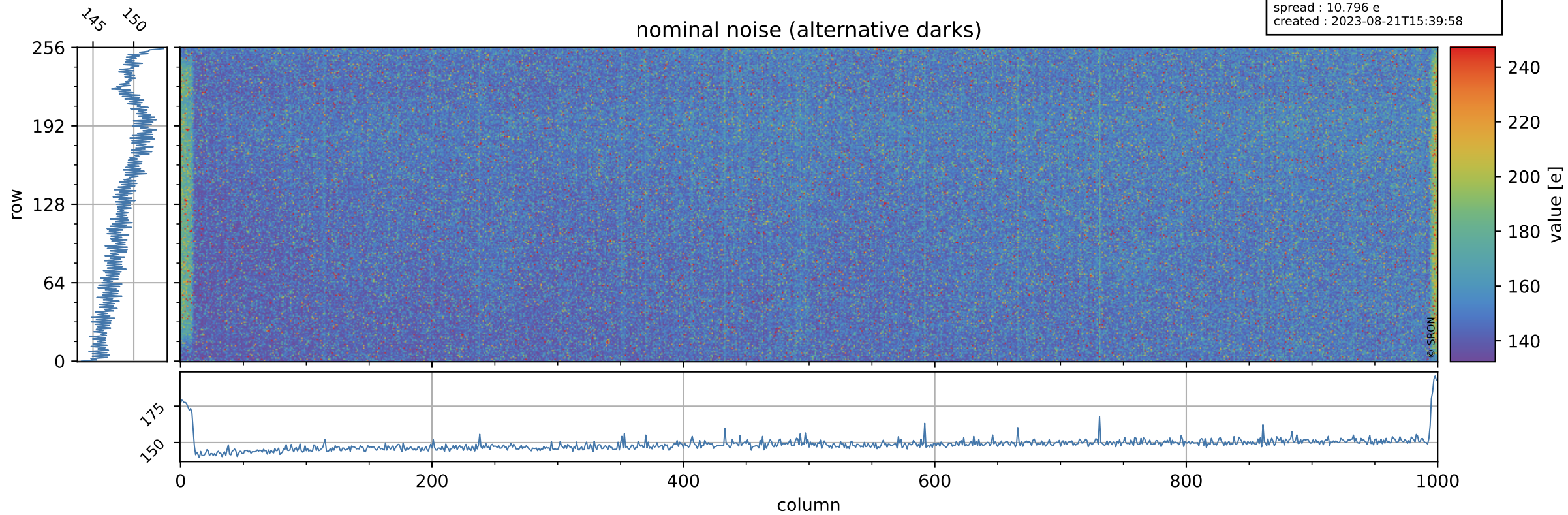


# Tropomi SWIR background noise (swir)

orbits : 12 in [14977, 15067]  
coverage : 2020-09-03 / 2020-09-09  
n\_coad, t\_exp : 1, 1.0783  
median : 148.66 e  
spread : 10.796 e  
created : 2023-08-21T15:39:58

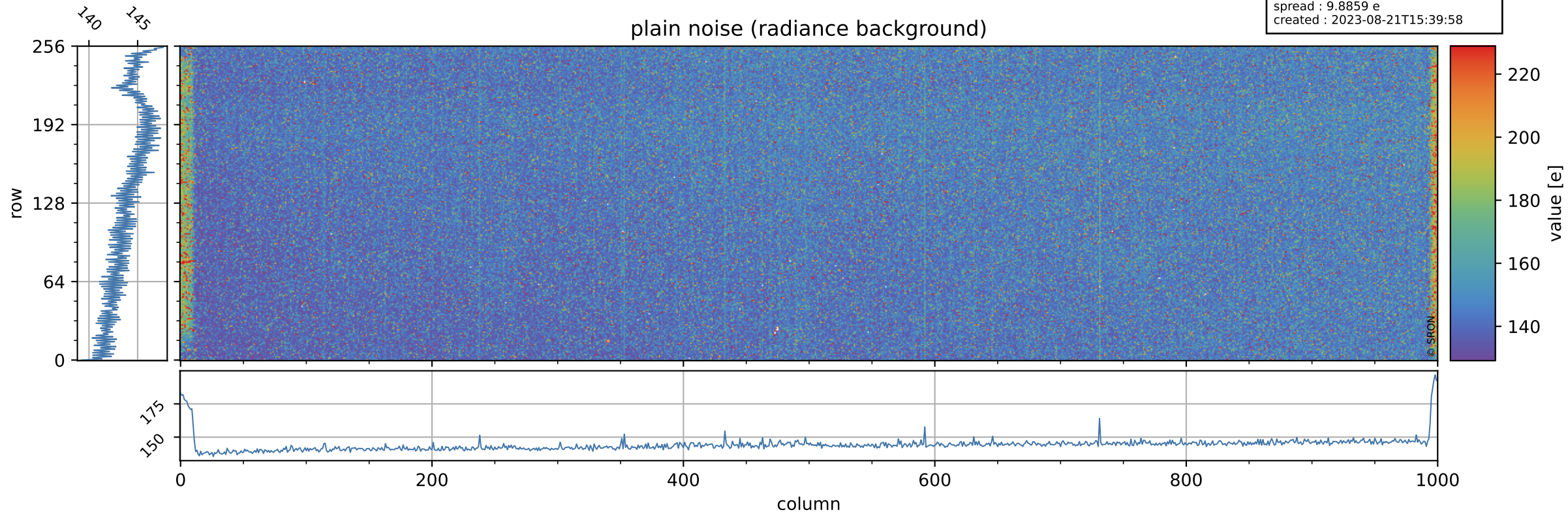
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14977, 15067]  
coverage : 2020-09-03 / 2020-09-09  
n\_coad, t\_exp : 1, 0.8383  
median : 143.88 e  
spread : 9.8859 e  
created : 2023-08-21T15:39:58

plain noise (radiance background)

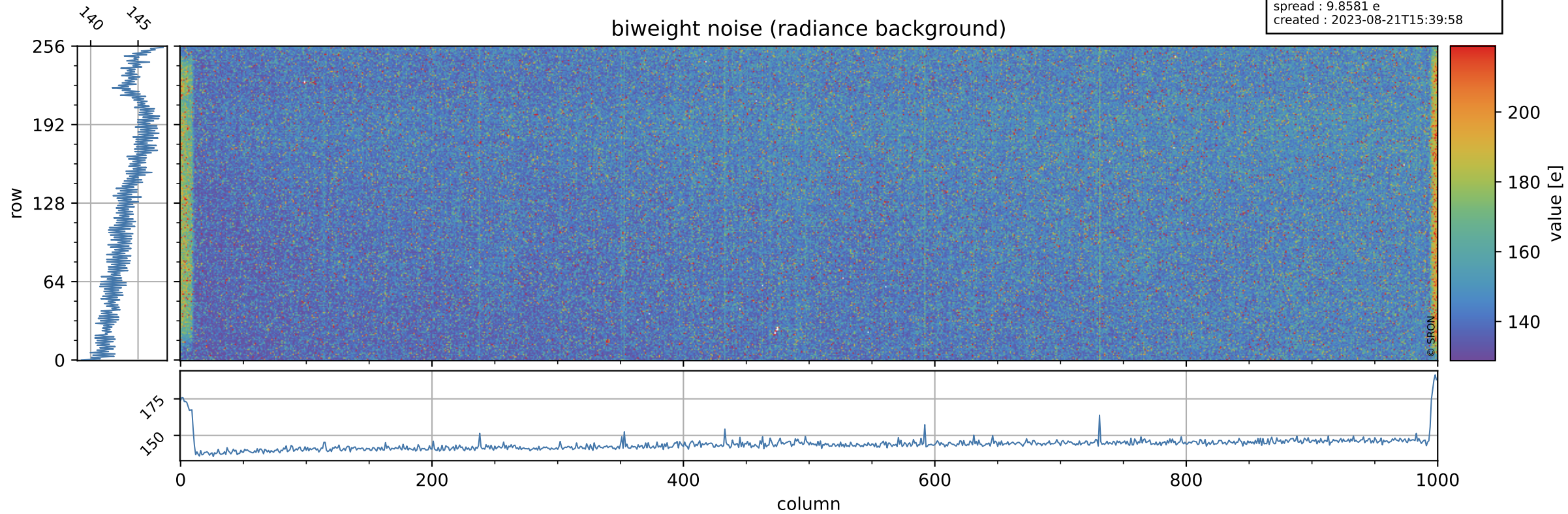




# Tropomi SWIR background noise (swir)

orbits : 12 in [14977, 15067]  
coverage : 2020-09-03 / 2020-09-09  
n\_coad, t\_exp : 1, 0.8383  
median : 143.75 e  
spread : 9.8581 e  
created : 2023-08-21T15:39:58

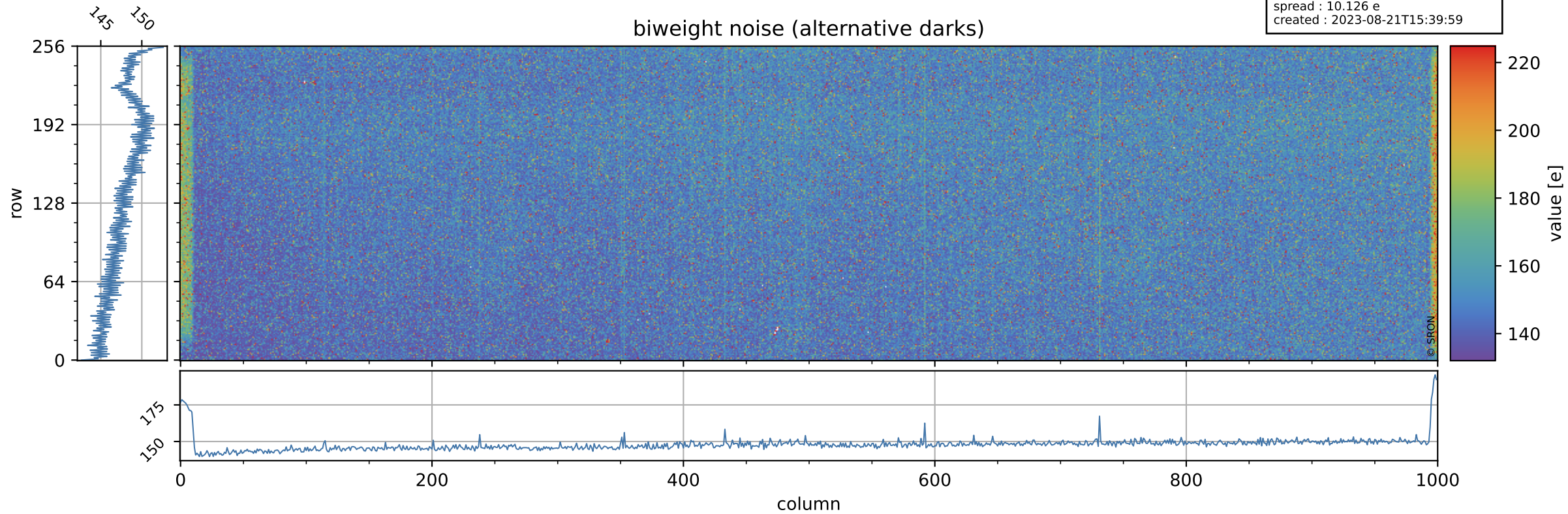
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14977, 15067]  
coverage : 2020-09-03 / 2020-09-09  
n\_coad, t\_exp : 1, 1.0783  
median : 147.68 e  
spread : 10.126 e  
created : 2023-08-21T15:39:59

## biweight noise (alternative darks)

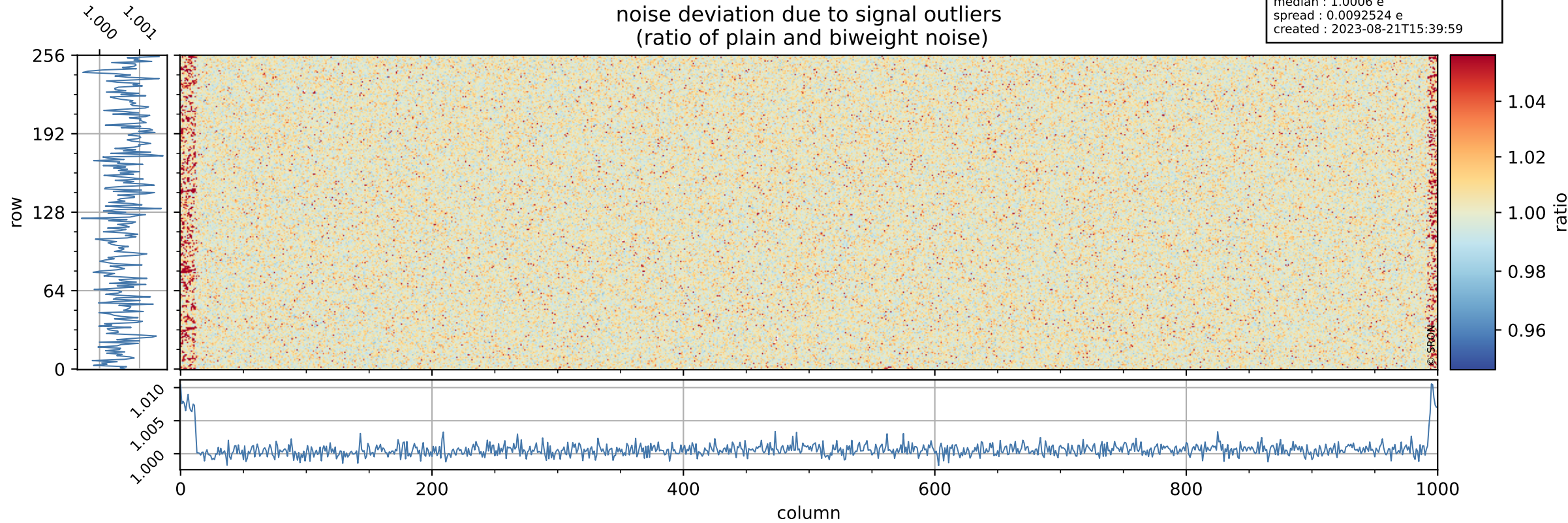




# Tropomi SWIR background noise (swir)

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

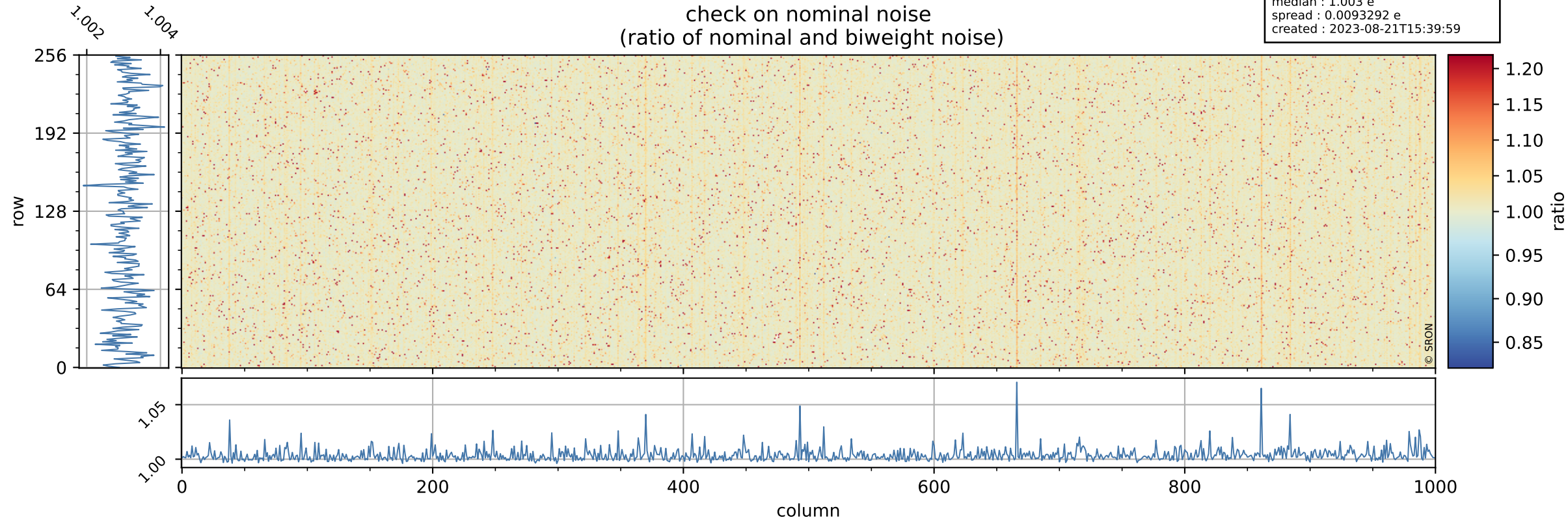
orbits : 12 in [14977, 15067]  
coverage : 2020-09-03 / 2020-09-09  
median : 1.0006 e  
spread : 0.0092524 e  
created : 2023-08-21T15:39:59



# Tropomi SWIR background noise (swir)

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

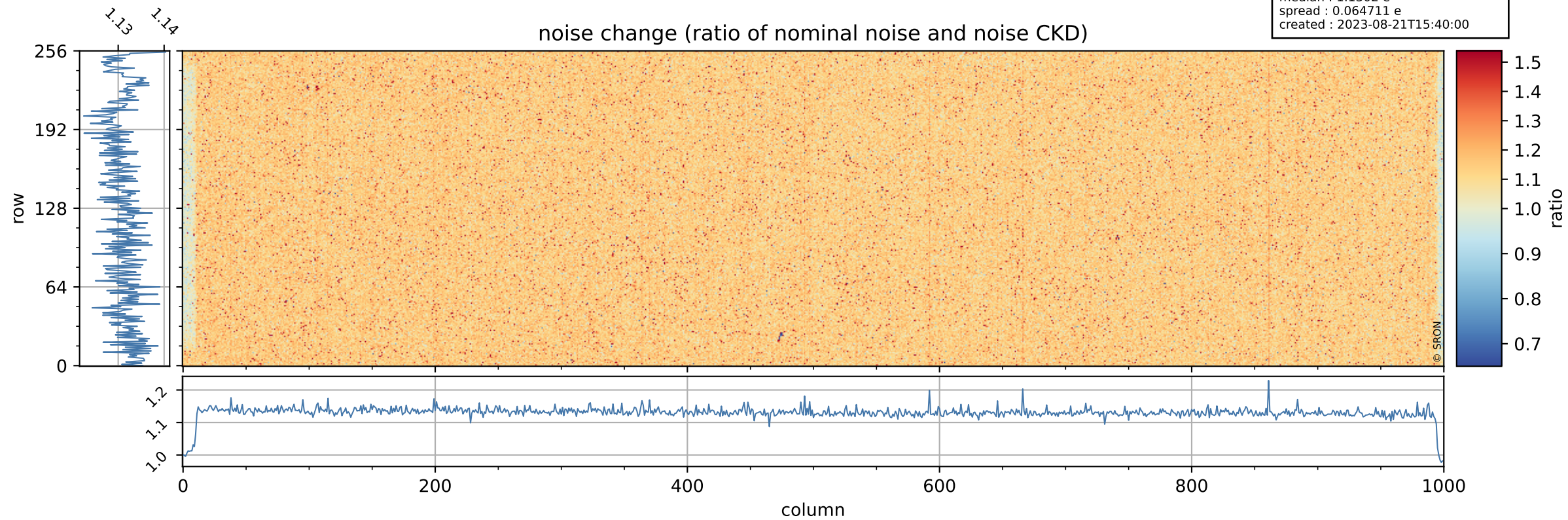
orbits : 12 in [14977, 15067]  
coverage : 2020-09-03 / 2020-09-09  
median : 1.003 e  
spread : 0.0093292 e  
created : 2023-08-21T15:39:59





# Tropomi SWIR background noise (swir)

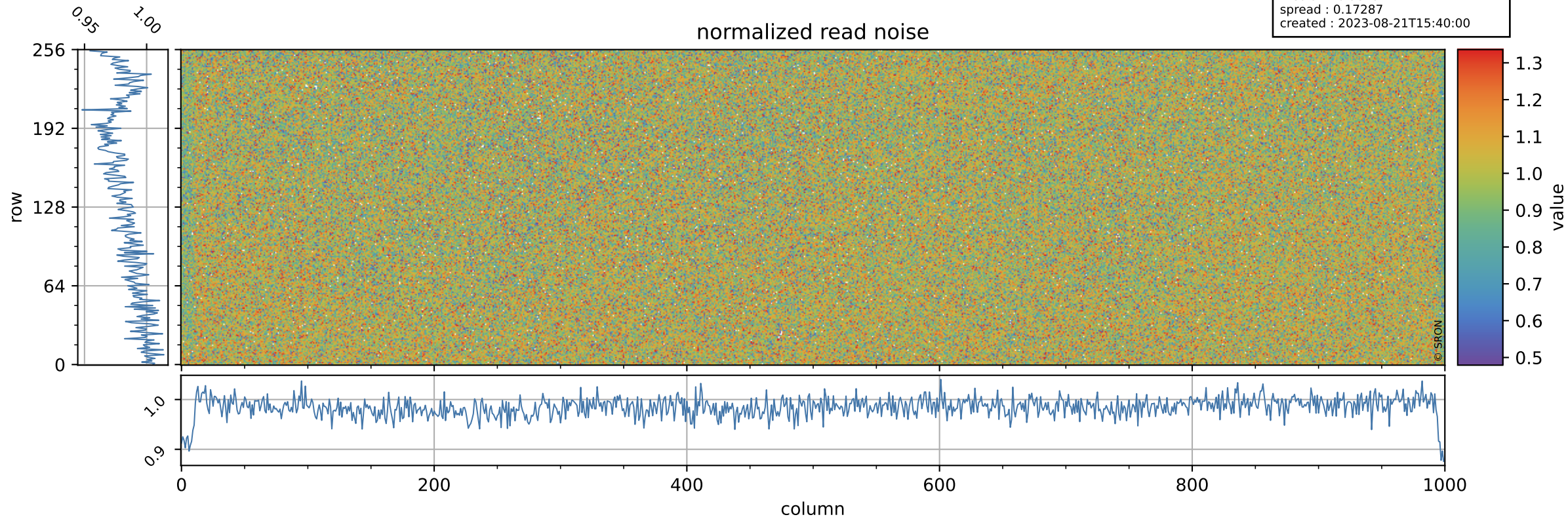
orbits : 12 in [14977, 15067]  
coverage : 2020-09-03 / 2020-09-09  
median : 1.1302 e  
spread : 0.064711 e  
created : 2023-08-21T15:40:00





# Tropomi SWIR background noise (swir)

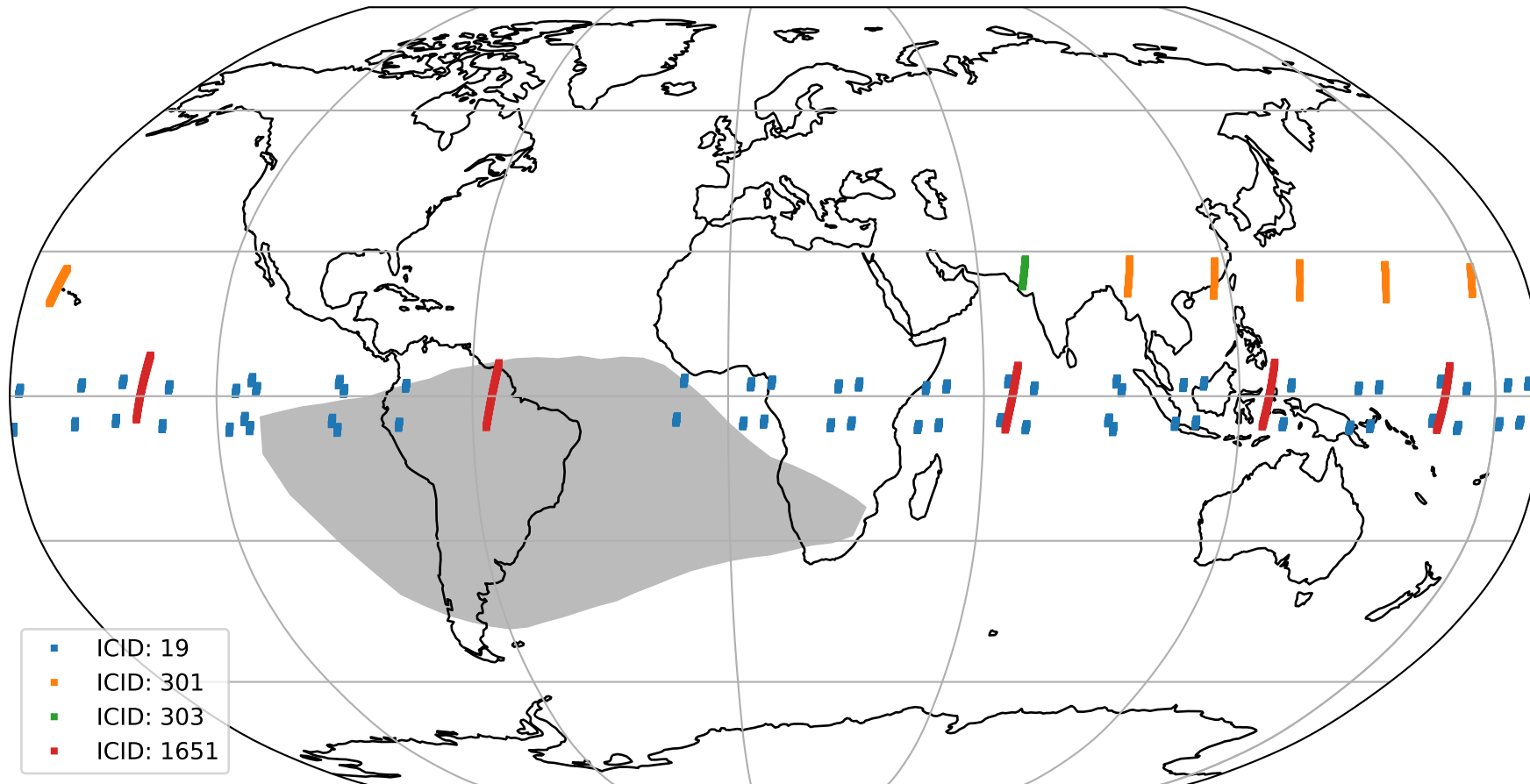
orbits : 12 in [14977, 15067]  
coverage : 2020-09-03 / 2020-09-09  
median : 0.9829  
spread : 0.17287  
created : 2023-08-21T15:40:00





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

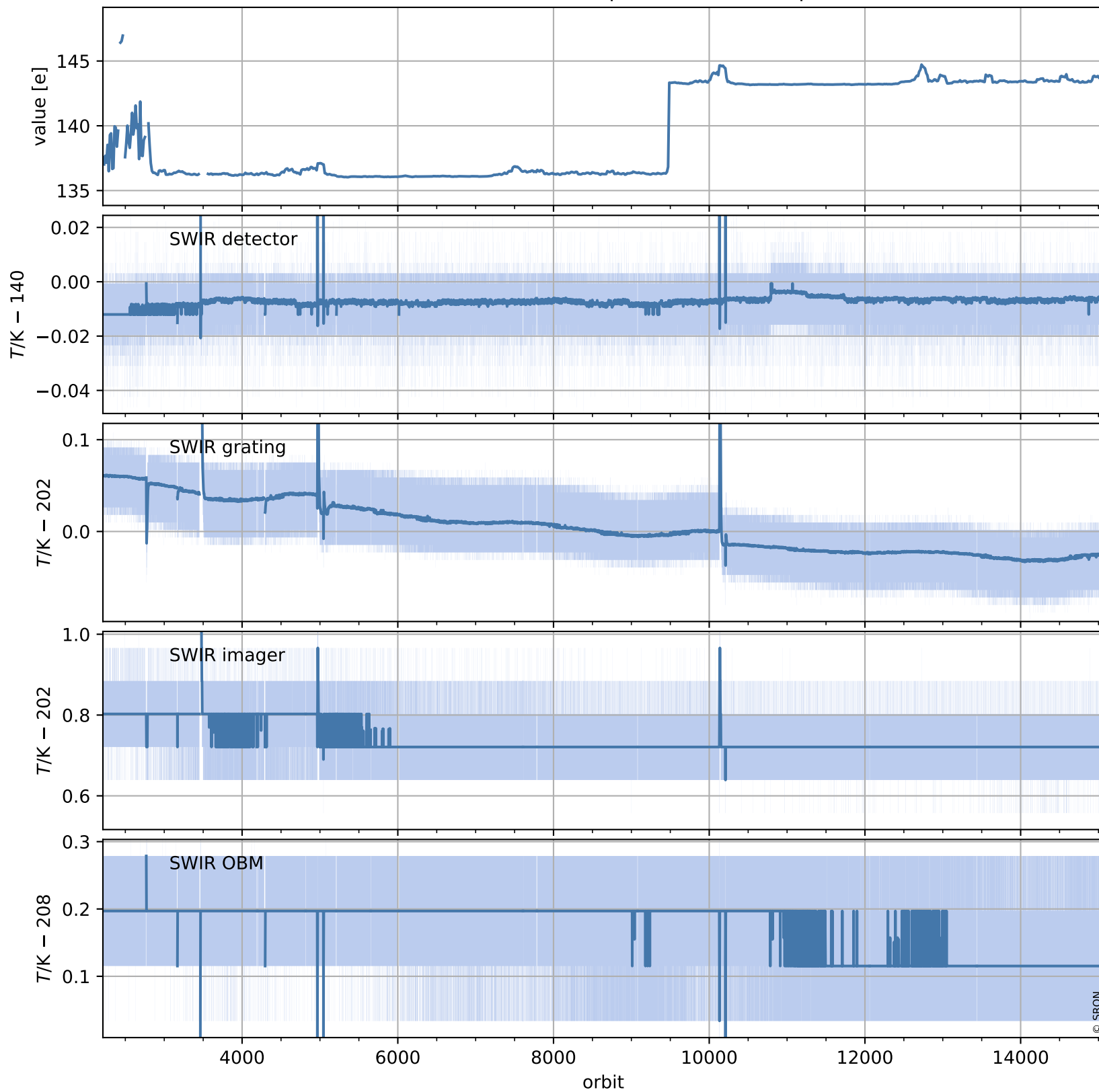
orbits : 12 in [14977, 15067]  
coverage : 2020-09-03 / 2020-09-09  
created : 2023-08-21T15:40:00



# Tropomi SWIR background noise (swir)

orbits : [2212, 15067]  
coverage : 2018-03-18 / 2020-09-09  
created : 2023-08-21T15:40:00

## trend of detector median of plain noise & temperatures

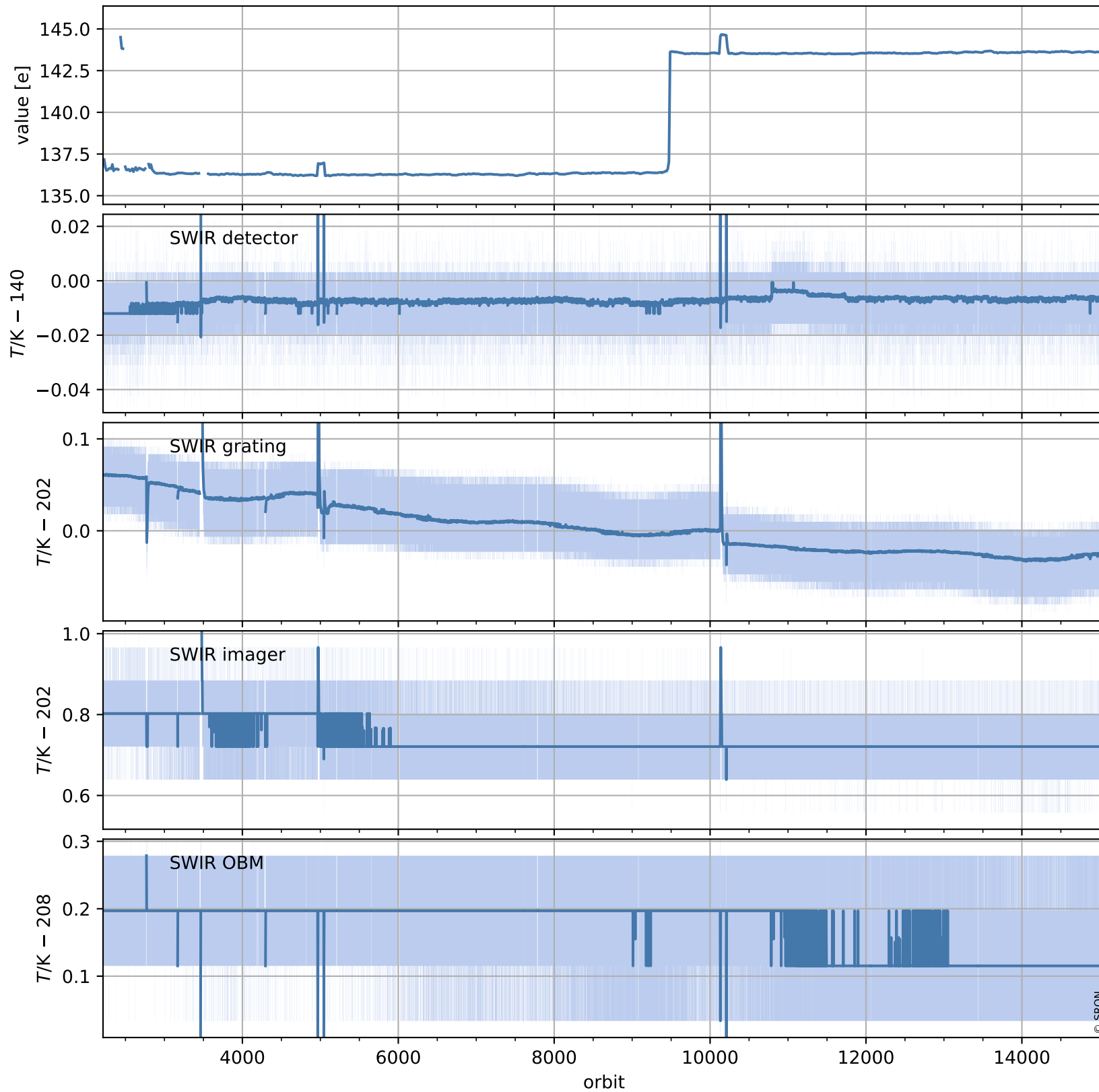




# Tropomi SWIR background noise (swir)

orbits : [2212, 15067]  
coverage : 2018-03-18 / 2020-09-09  
created : 2023-08-21T15:40:01

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 15067]  
coverage : 2018-03-18 / 2020-09-09  
created : 2023-08-21T15:40:02

## trend of normalized read-noise & temperatures

