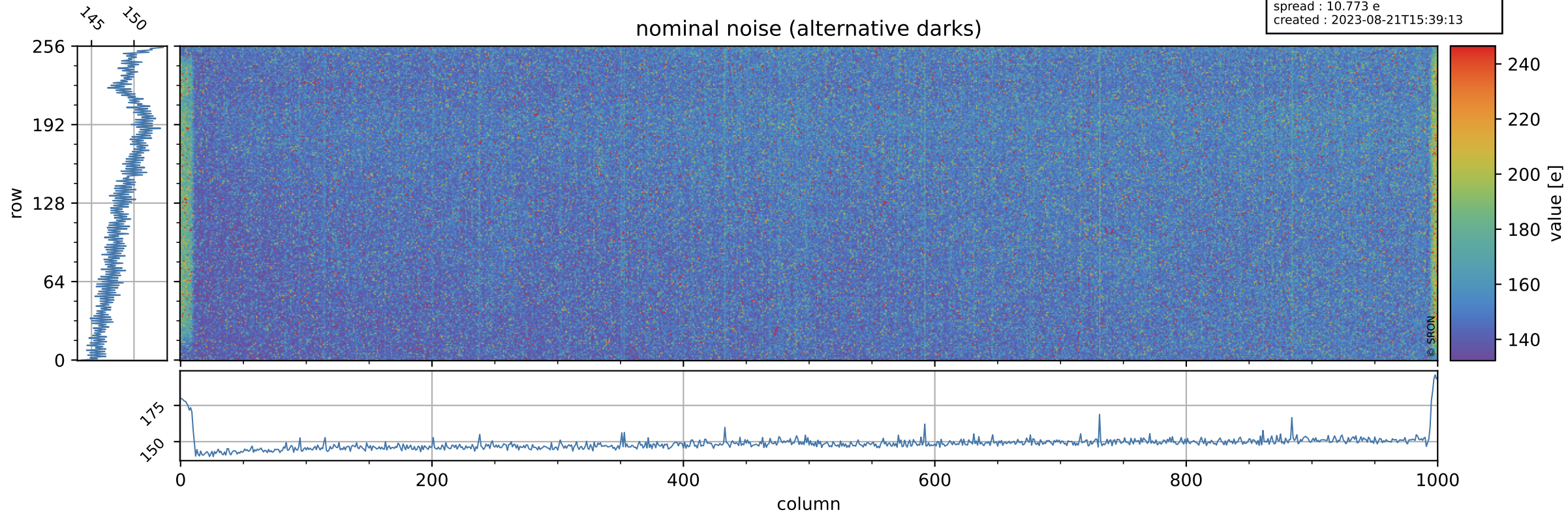


# Tropomi SWIR background noise (swir)

orbits : 12 in [14842, 14932]  
coverage : 2020-08-24 / 2020-08-30  
n\_coad, t\_exp : 1, 1.0783  
median : 148.57 e  
spread : 10.773 e  
created : 2023-08-21T15:39:13

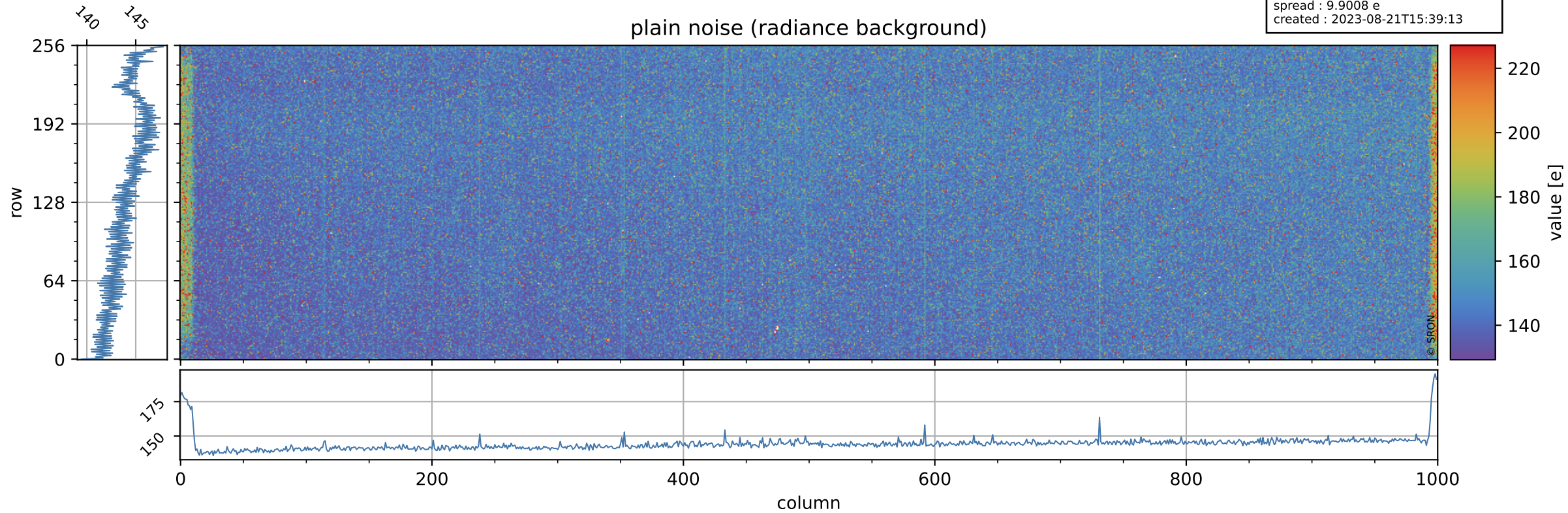
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14842, 14932]  
coverage : 2020-08-24 / 2020-08-30  
n\_coad, t\_exp : 1, 0.8383  
median : 143.97 e  
spread : 9.9008 e  
created : 2023-08-21T15:39:13

## plain noise (radiance background)

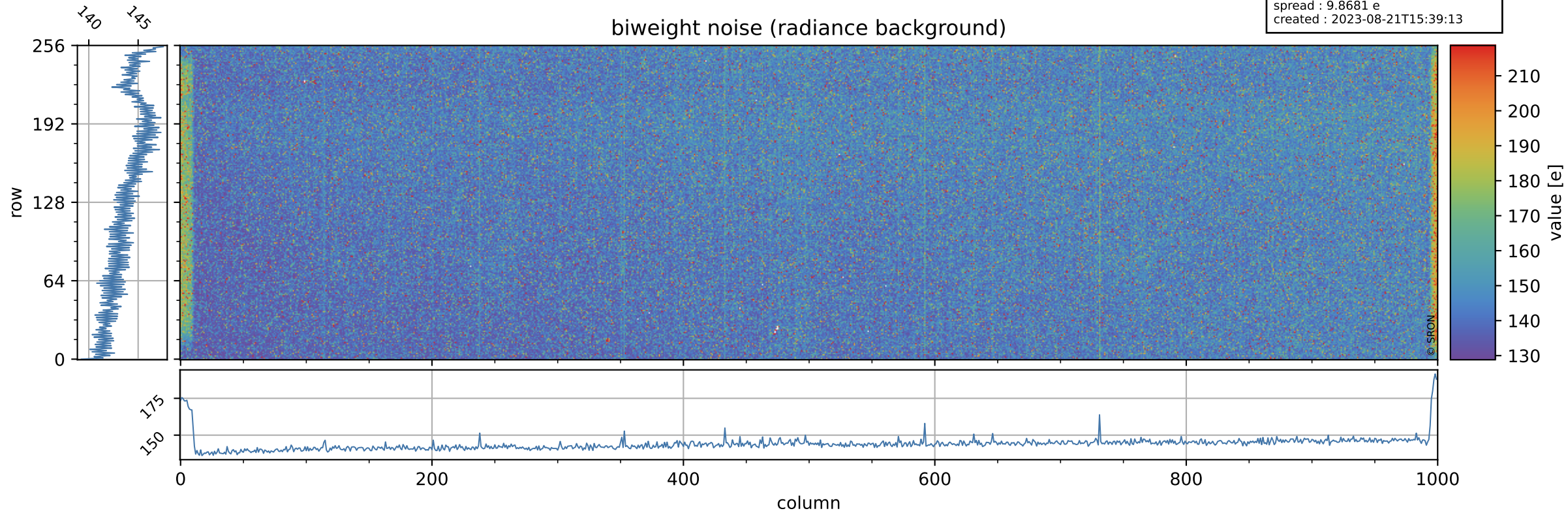




# Tropomi SWIR background noise (swir)

orbits : 12 in [14842, 14932]  
coverage : 2020-08-24 / 2020-08-30  
n\_coad, t\_exp : 1, 0.8383  
median : 143.75 e  
spread : 9.8681 e  
created : 2023-08-21T15:39:13

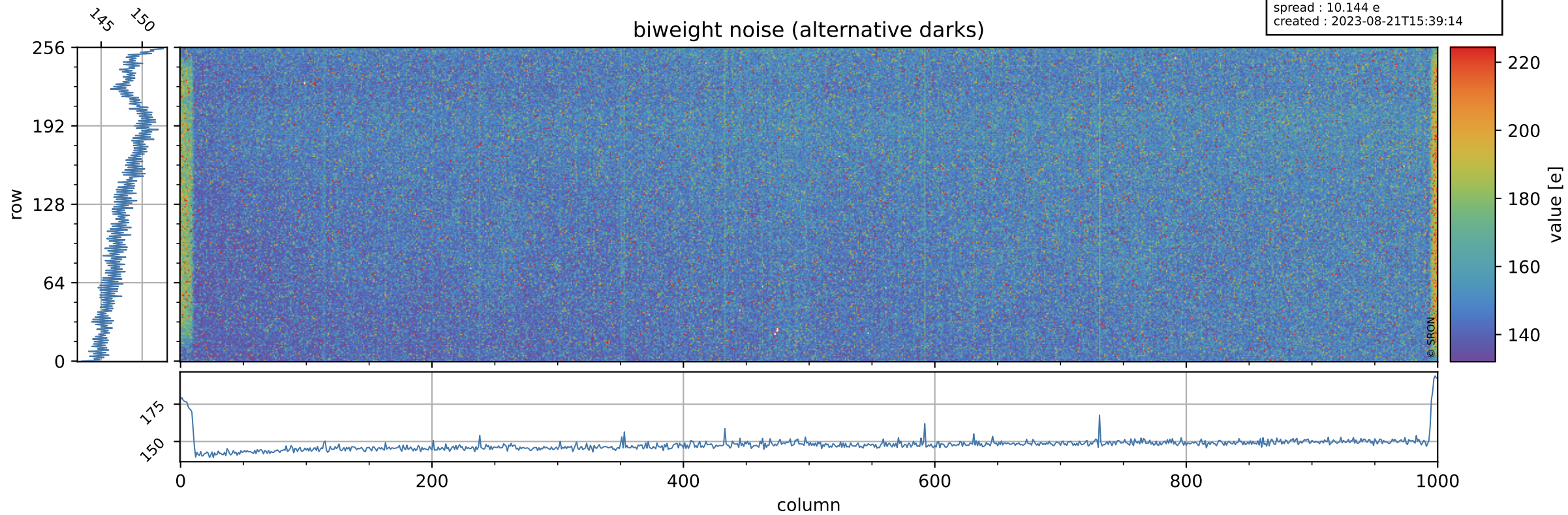
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14842, 14932]  
coverage : 2020-08-24 / 2020-08-30  
n\_coad, t\_exp : 1, 1.0783  
median : 147.68 e  
spread : 10.144 e  
created : 2023-08-21T15:39:14

## biweight noise (alternative darks)

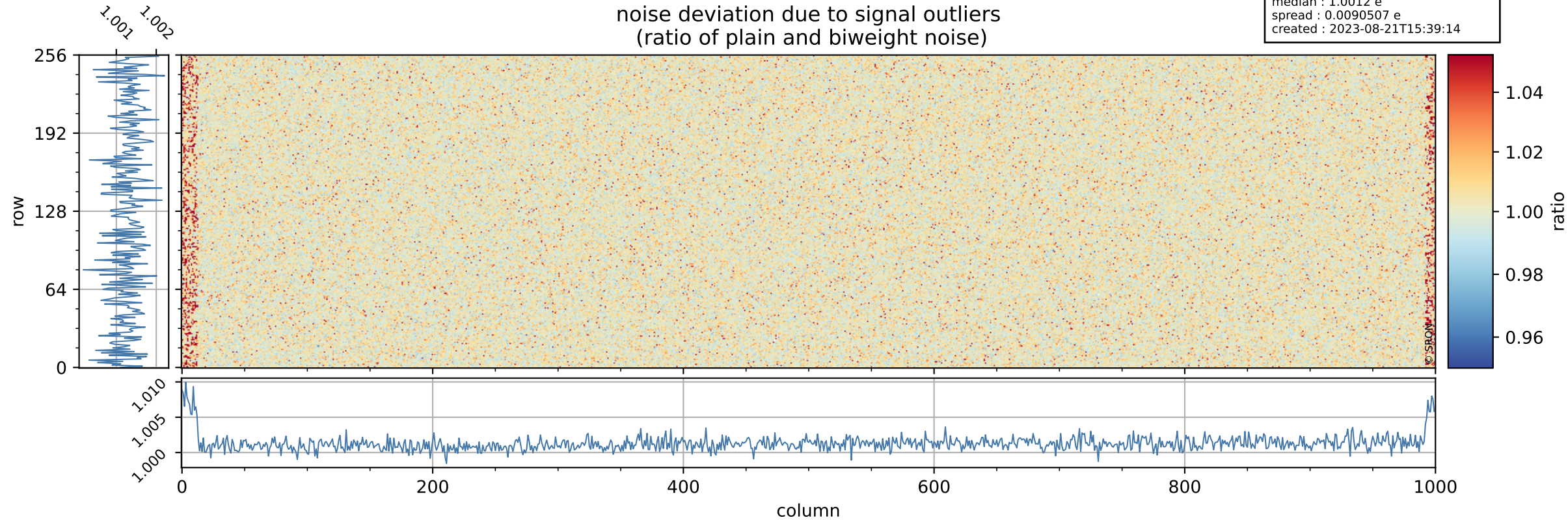




# Tropomi SWIR background noise (swir)

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

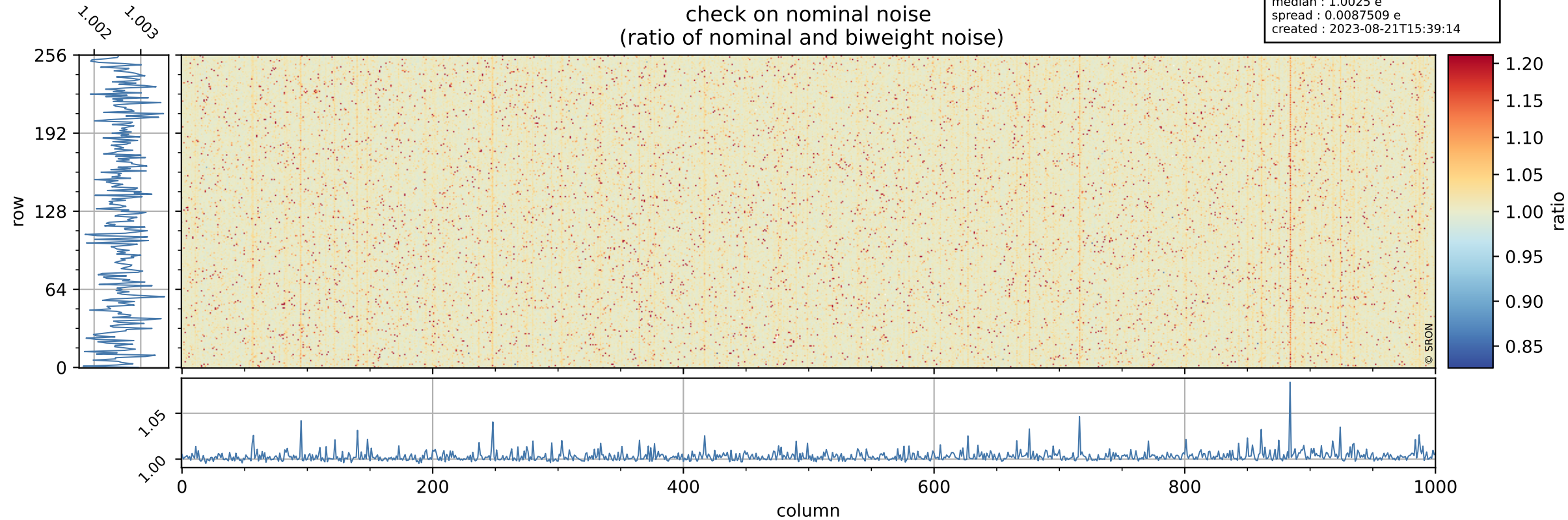
orbits : 12 in [14842, 14932]  
coverage : 2020-08-24 / 2020-08-30  
median : 1.0012 e  
spread : 0.0090507 e  
created : 2023-08-21T15:39:14



# Tropomi SWIR background noise (swir)

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

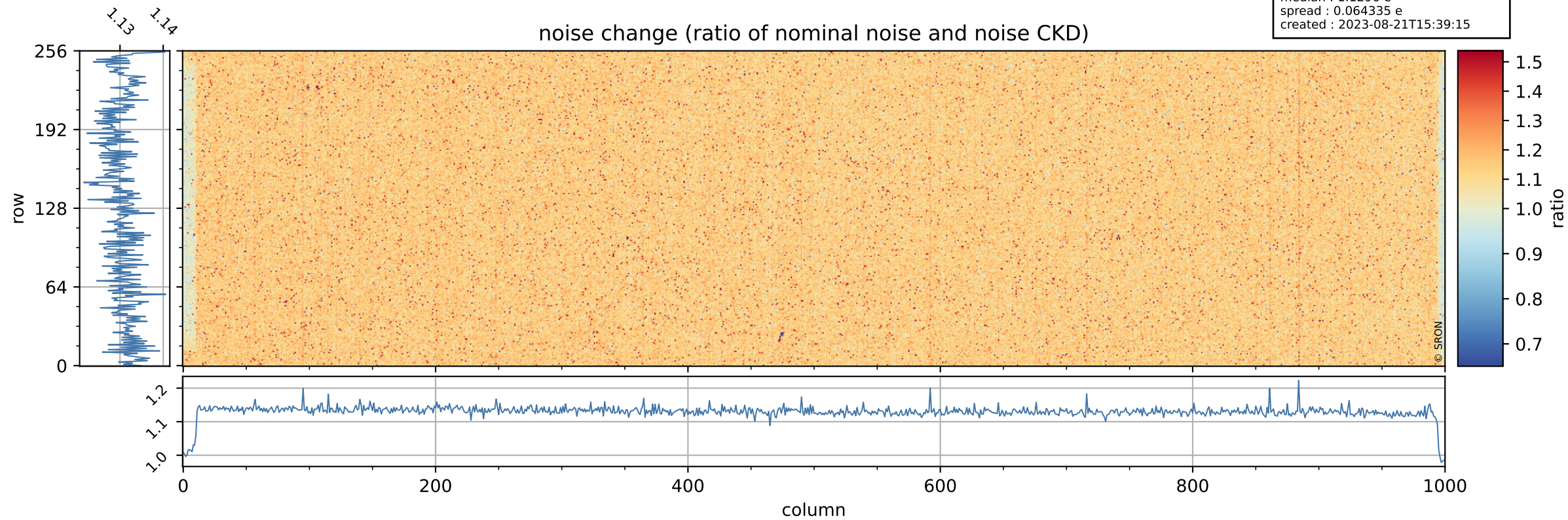
orbits : 12 in [14842, 14932]  
coverage : 2020-08-24 / 2020-08-30  
median : 1.0025 e  
spread : 0.0087509 e  
created : 2023-08-21T15:39:14





# Tropomi SWIR background noise (swir)

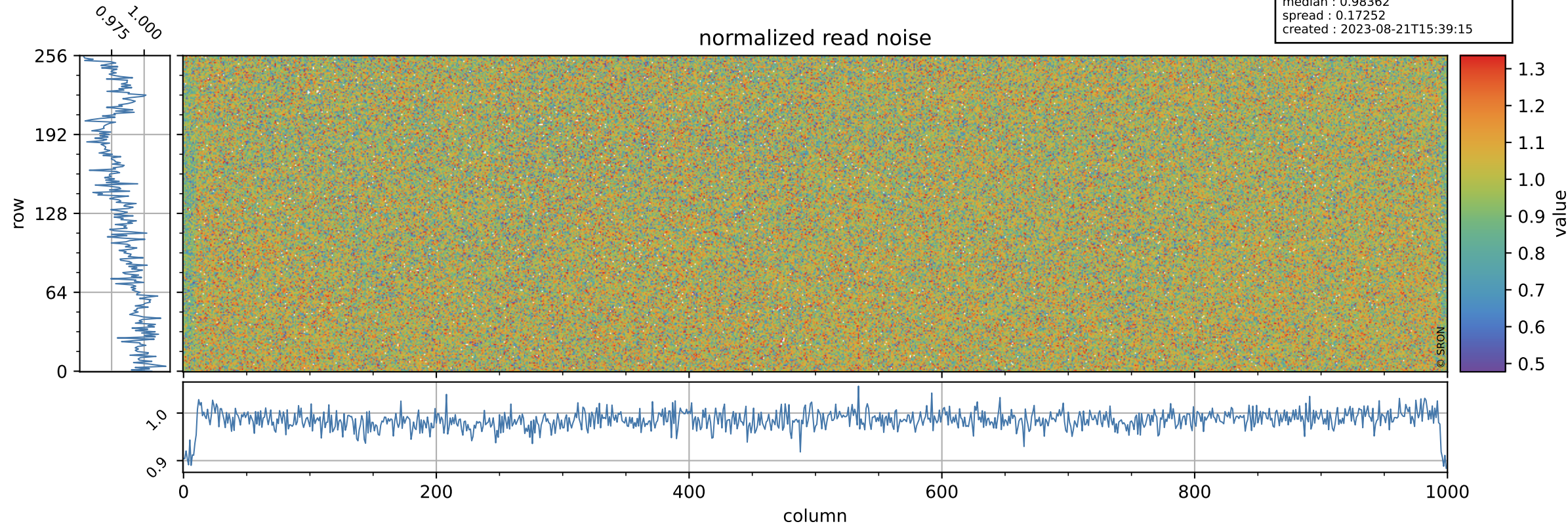
orbits : 12 in [14842, 14932]  
coverage : 2020-08-24 / 2020-08-30  
median : 1.1296 e  
spread : 0.064335 e  
created : 2023-08-21T15:39:15





# Tropomi SWIR background noise (swir)

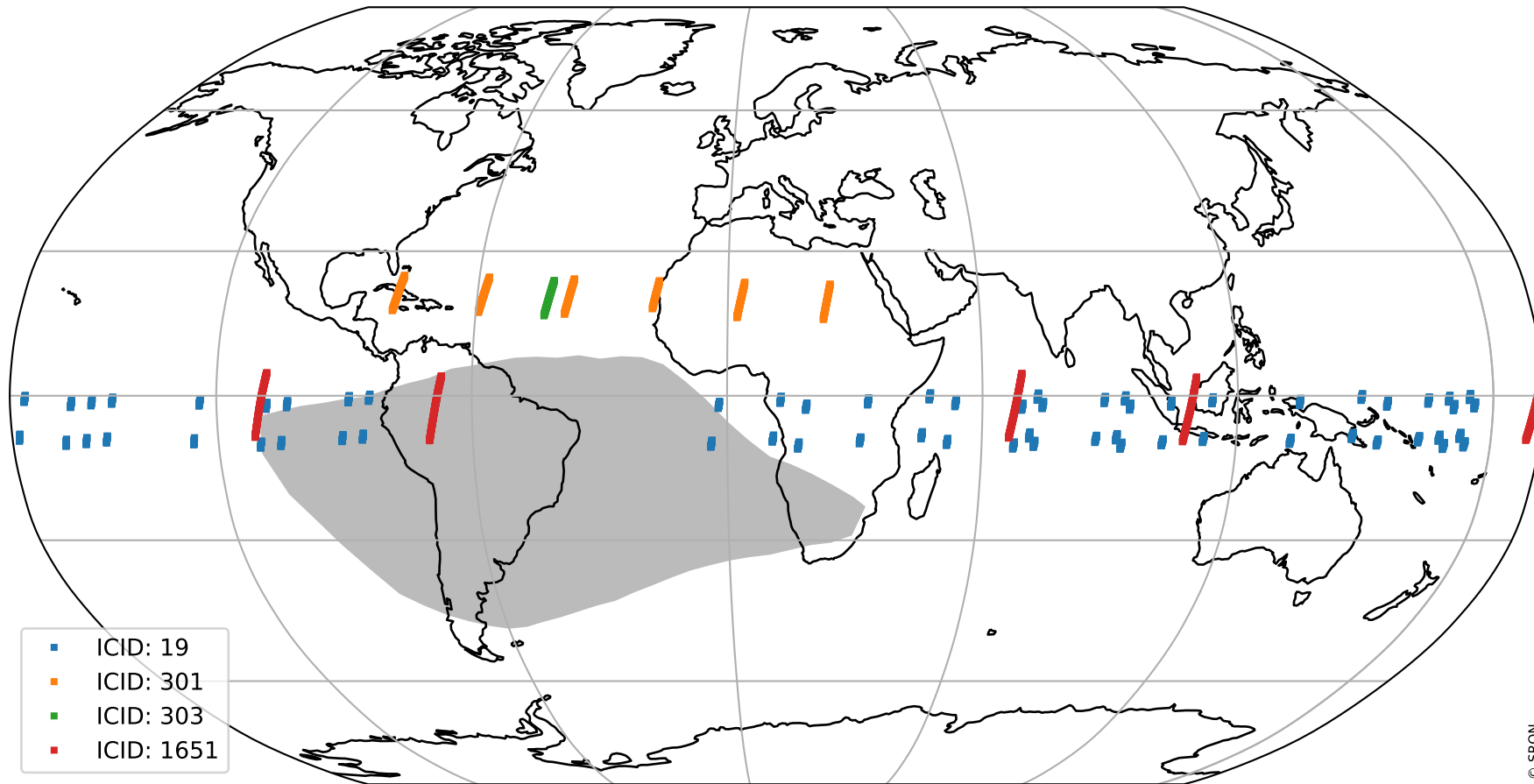
orbits : 12 in [14842, 14932]  
coverage : 2020-08-24 / 2020-08-30  
median : 0.98362  
spread : 0.17252  
created : 2023-08-21T15:39:15





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

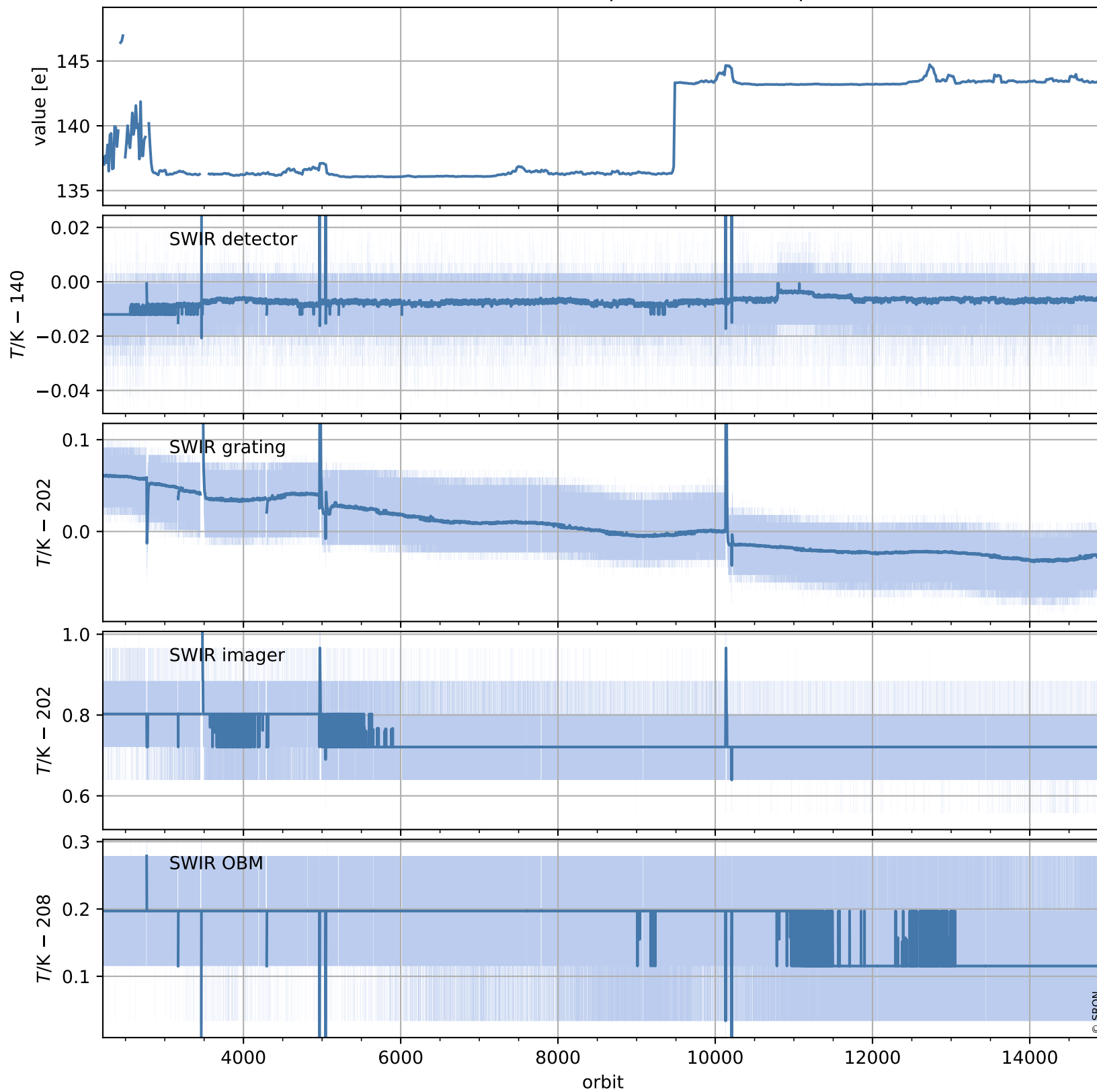
orbits : 12 in [14842, 14932]  
coverage : 2020-08-24 / 2020-08-30  
created : 2023-08-21T15:39:15



# Tropomi SWIR background noise (swir)

orbits : [2212, 14932]  
coverage : 2018-03-18 / 2020-08-30  
created : 2023-08-21T15:39:16

## trend of detector median of plain noise & temperatures

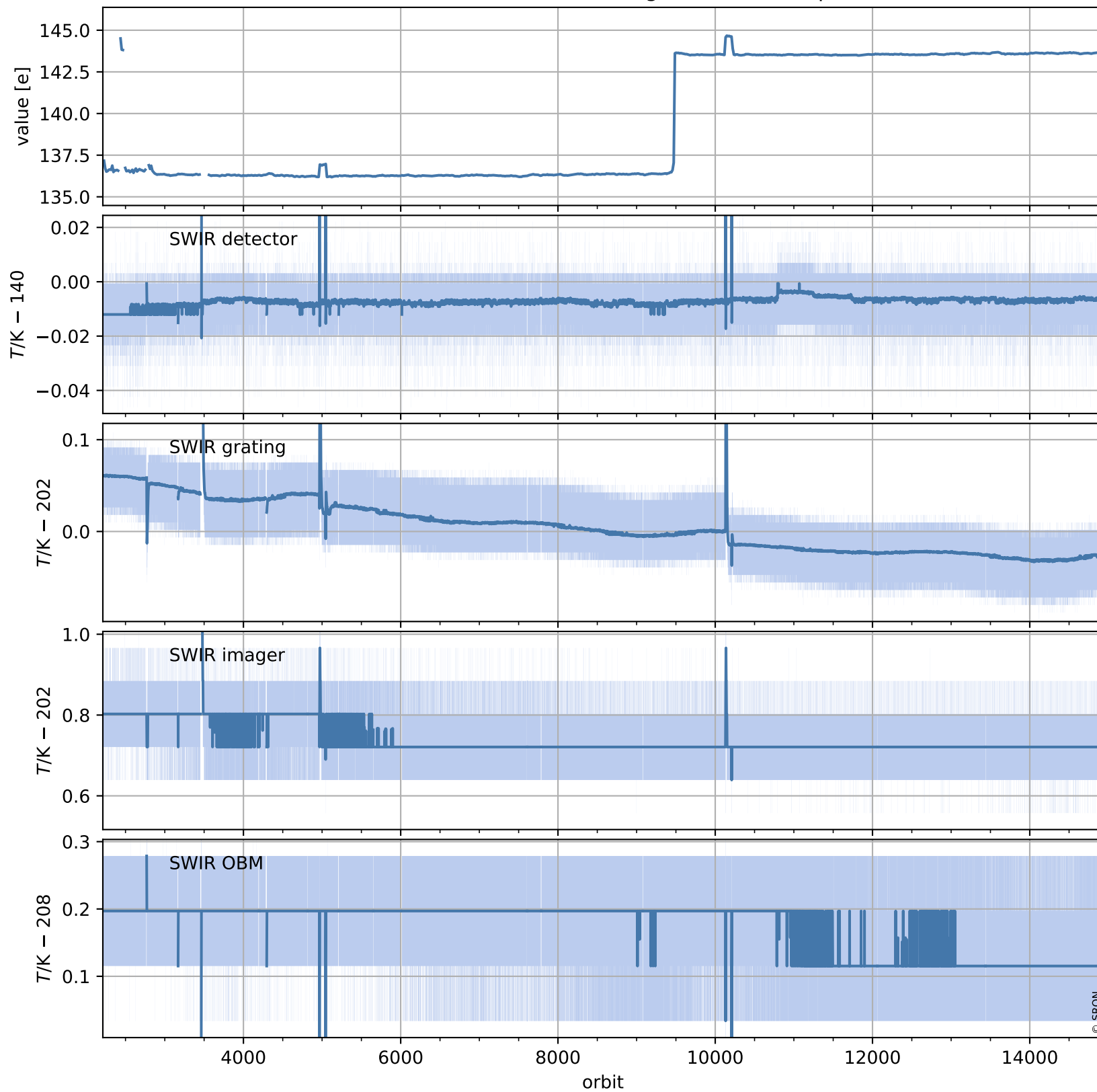




# Tropomi SWIR background noise (swir)

orbits : [2212, 14932]  
coverage : 2018-03-18 / 2020-08-30  
created : 2023-08-21T15:39:16

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14932]  
coverage : 2018-03-18 / 2020-08-30  
created : 2023-08-21T15:39:17

## trend of normalized read-noise & temperatures

