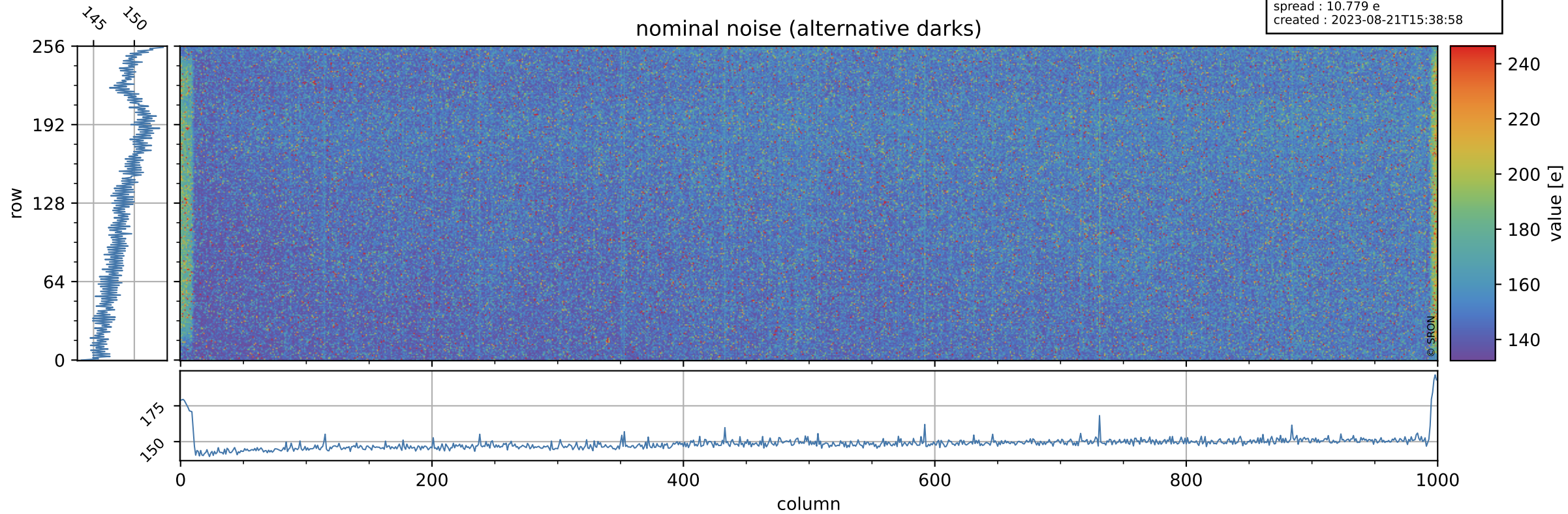


# Tropomi SWIR background noise (swir)

orbits : 12 in [14797, 14887]  
coverage : 2020-08-21 / 2020-08-27  
n\_coad, t\_exp : 1, 1.0783  
median : 148.59 e  
spread : 10.779 e  
created : 2023-08-21T15:38:58

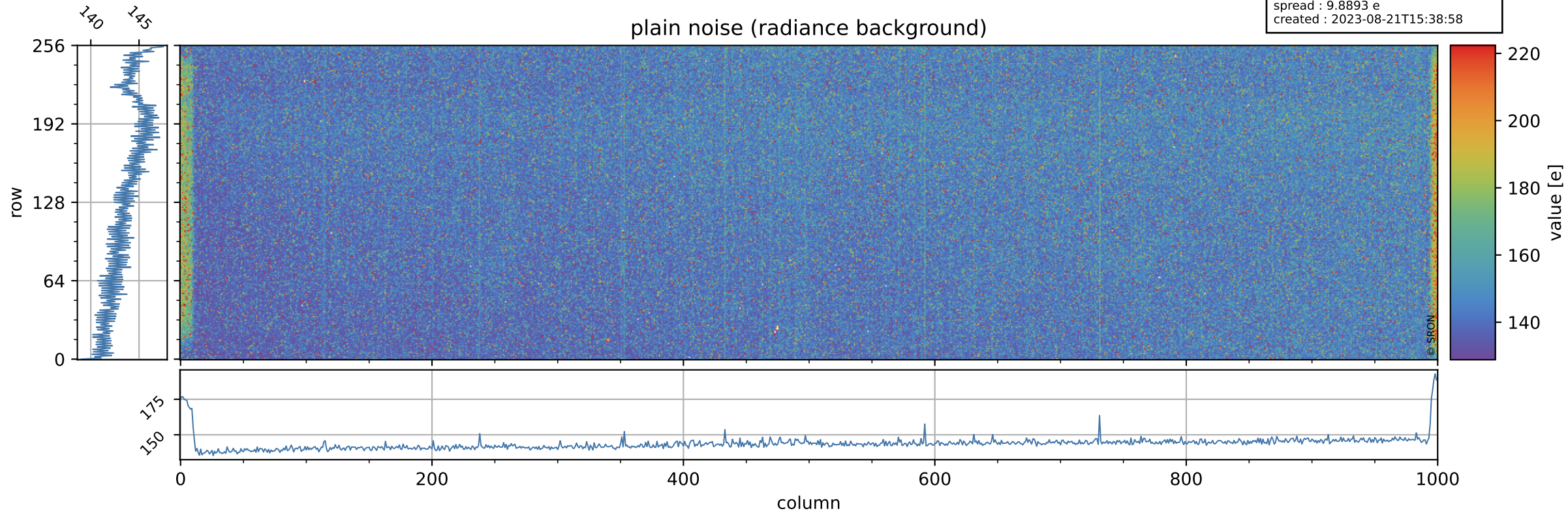
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14797, 14887]  
coverage : 2020-08-21 / 2020-08-27  
n\_coad, t\_exp : 1, 0.8383  
median : 143.55 e  
spread : 9.8893 e  
created : 2023-08-21T15:38:58

plain noise (radiance background)

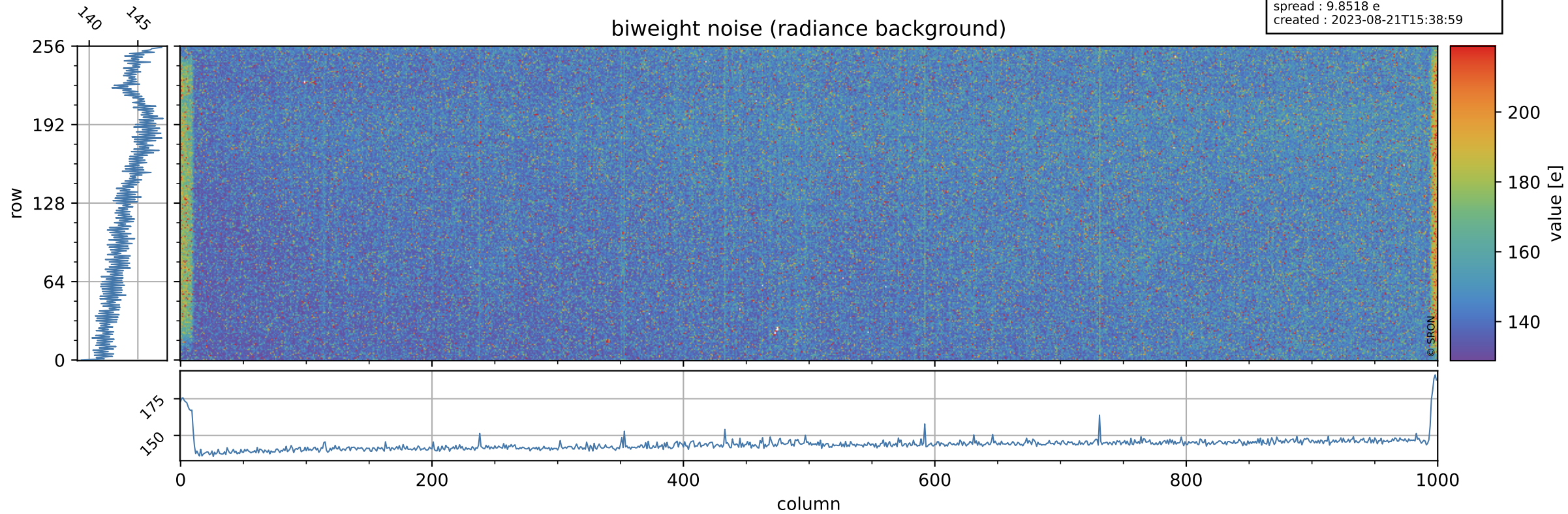




# Tropomi SWIR background noise (swir)

orbits : 12 in [14797, 14887]  
coverage : 2020-08-21 / 2020-08-27  
n\_coad, t\_exp : 1, 0.8383  
median : 143.78 e  
spread : 9.8518 e  
created : 2023-08-21T15:38:59

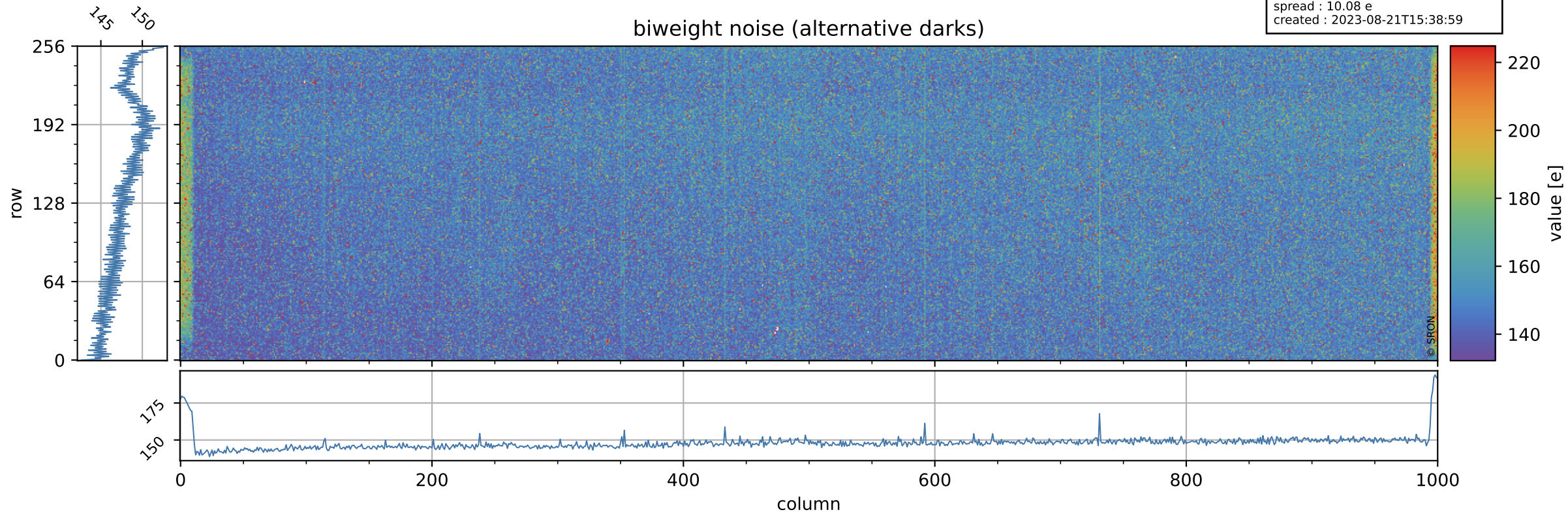
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14797, 14887]  
coverage : 2020-08-21 / 2020-08-27  
n\_coad, t\_exp : 1, 1.0783  
median : 147.67 e  
spread : 10.08 e  
created : 2023-08-21T15:38:59

## biweight noise (alternative darks)

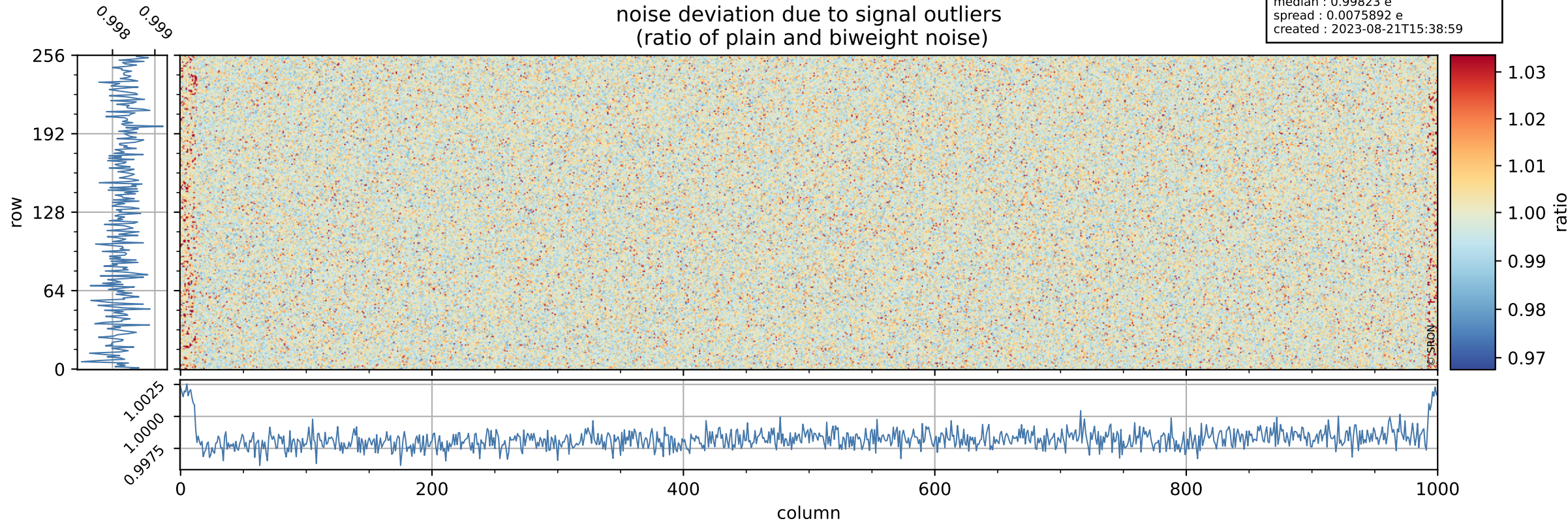




# Tropomi SWIR background noise (swir)

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

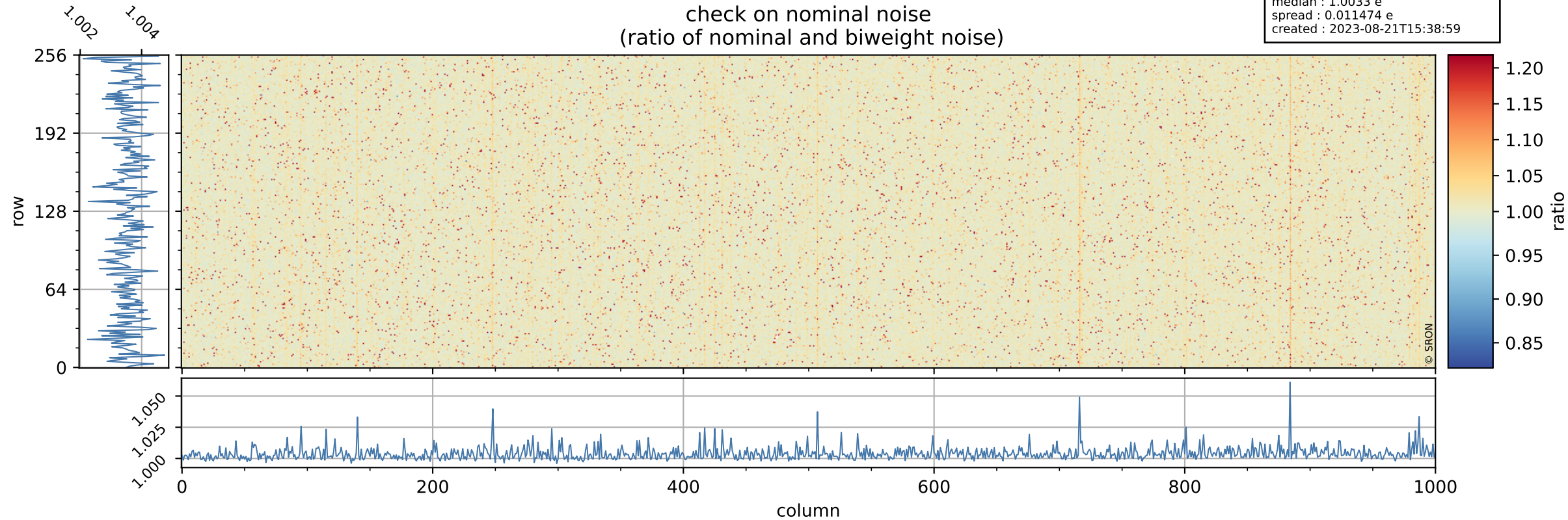
orbits : 12 in [14797, 14887]  
coverage : 2020-08-21 / 2020-08-27  
median : 0.99823 e  
spread : 0.0075892 e  
created : 2023-08-21T15:38:59



# Tropomi SWIR background noise (swir)

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

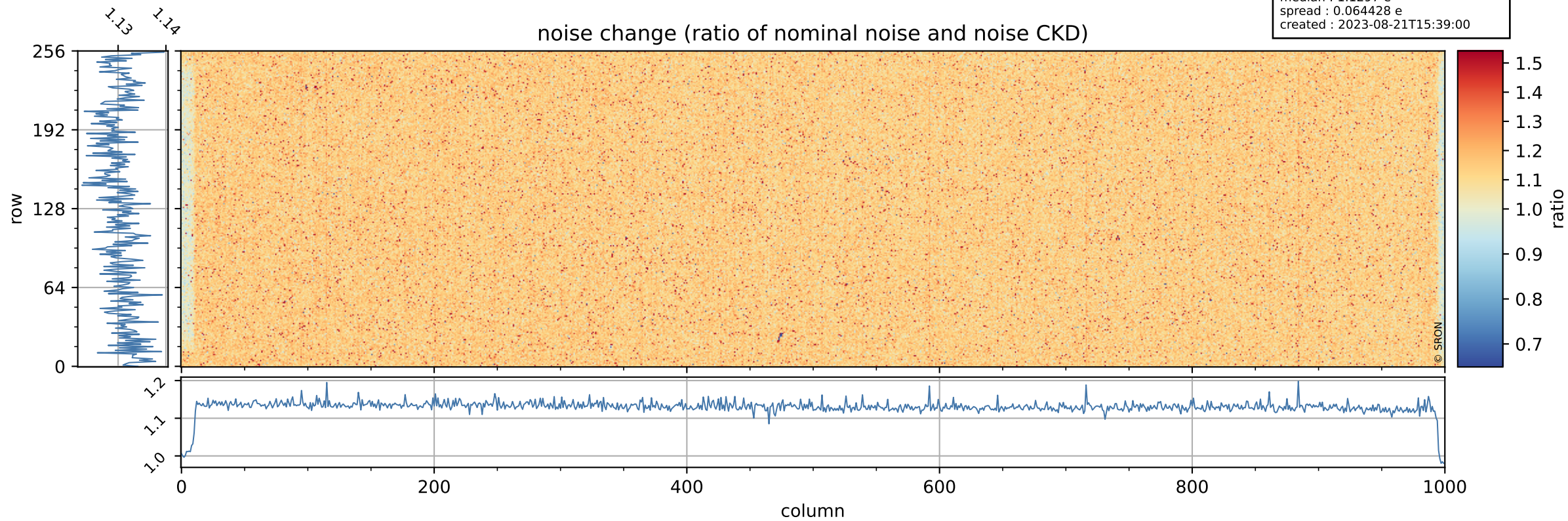
orbits : 12 in [14797, 14887]  
coverage : 2020-08-21 / 2020-08-27  
median : 1.0033 e  
spread : 0.011474 e  
created : 2023-08-21T15:38:59





# Tropomi SWIR background noise (swir)

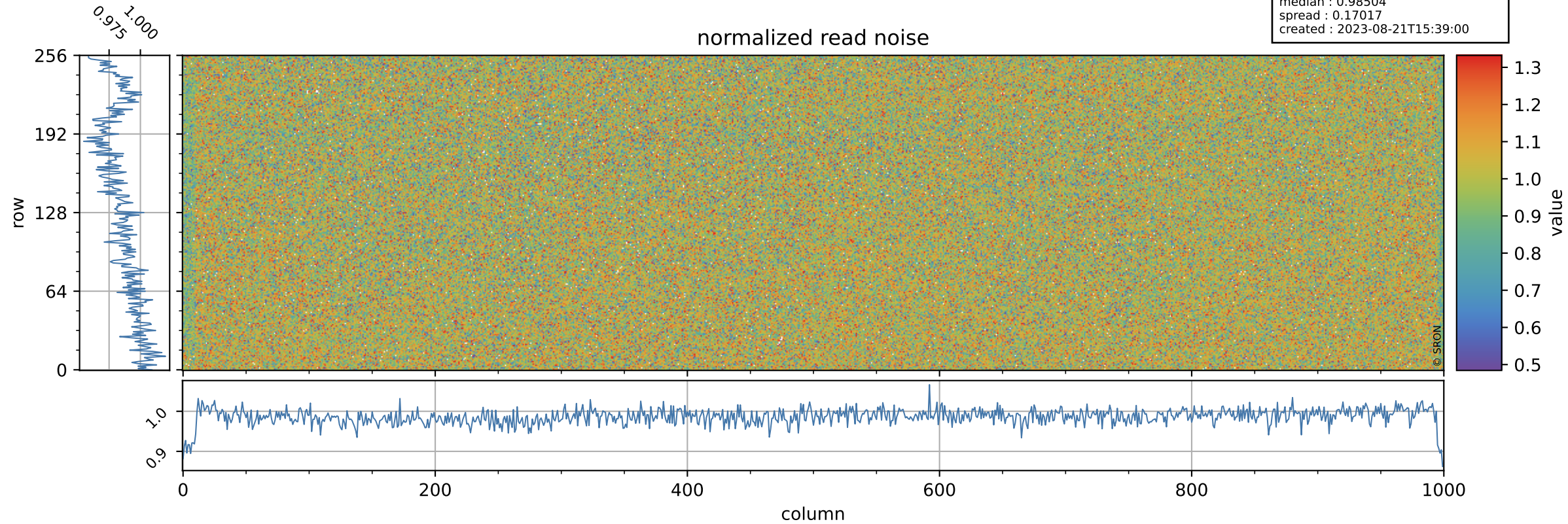
orbits : 12 in [14797, 14887]  
coverage : 2020-08-21 / 2020-08-27  
median : 1.1297 e  
spread : 0.064428 e  
created : 2023-08-21T15:39:00





# Tropomi SWIR background noise (swir)

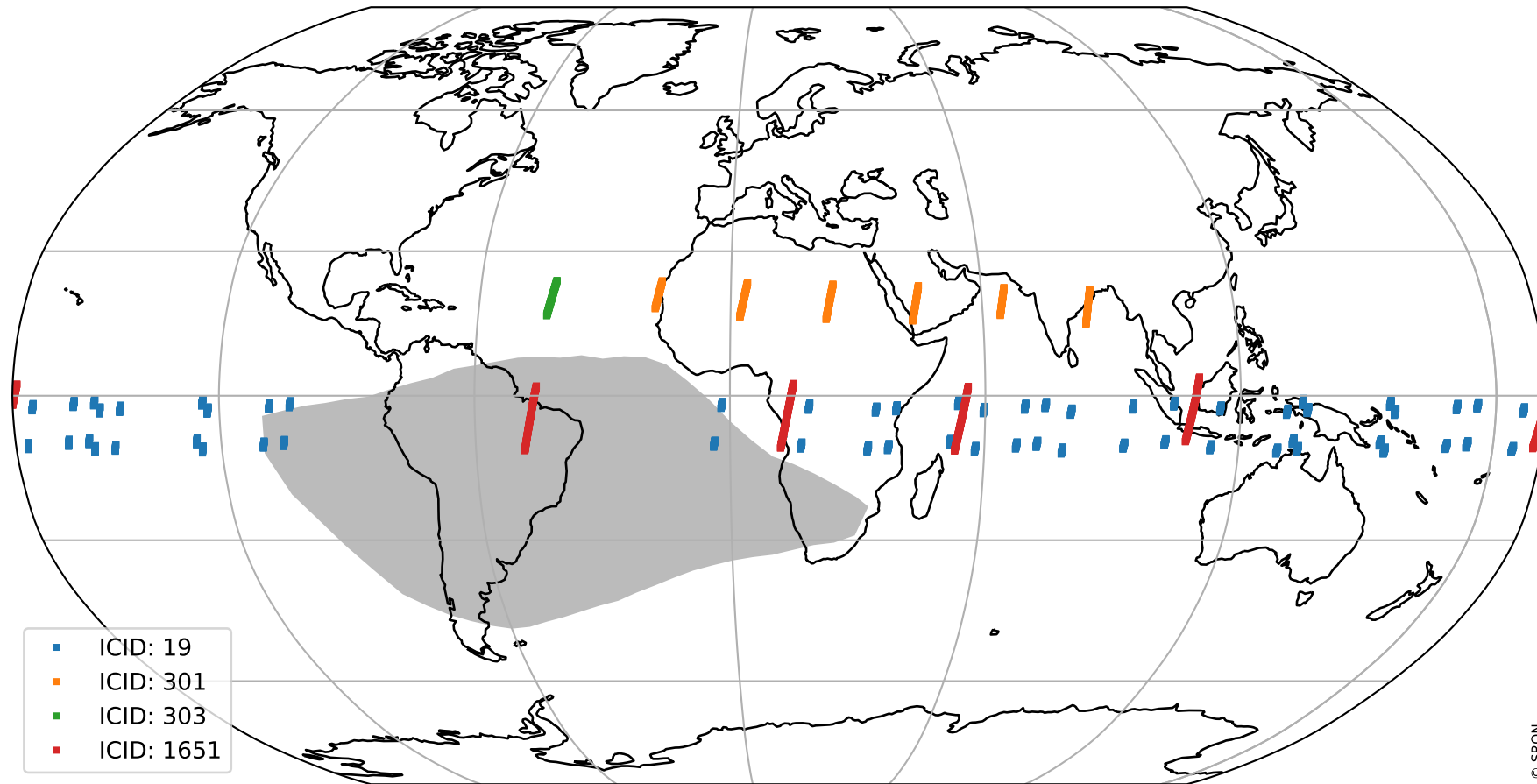
orbits : 12 in [14797, 14887]  
coverage : 2020-08-21 / 2020-08-27  
median : 0.98504  
spread : 0.17017  
created : 2023-08-21T15:39:00





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

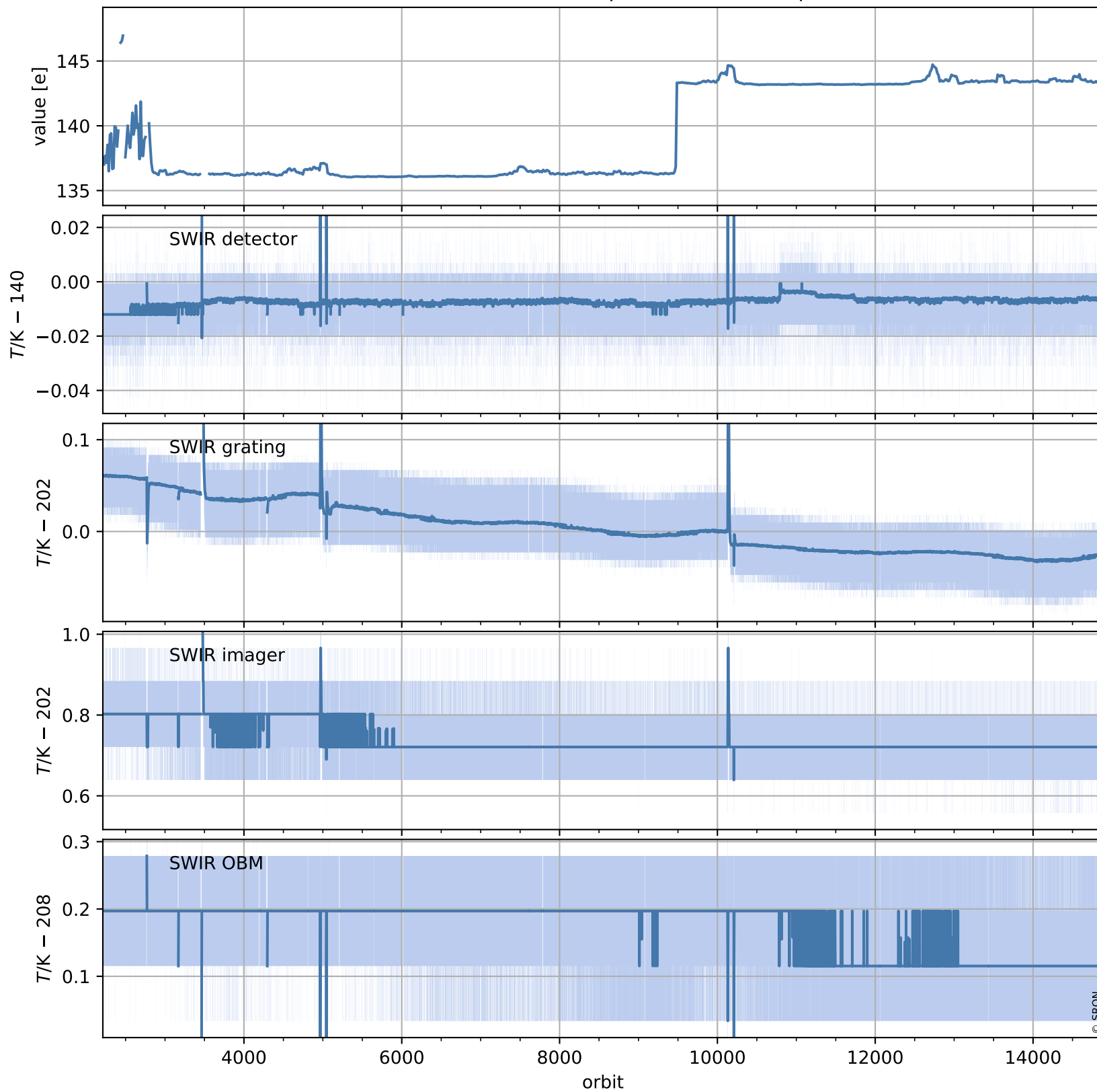
orbits : 12 in [14797, 14887]  
coverage : 2020-08-21 / 2020-08-27  
created : 2023-08-21T15:39:00



# Tropomi SWIR background noise (swir)

orbits : [2212, 14887]  
coverage : 2018-03-18 / 2020-08-27  
created : 2023-08-21T15:39:01

## trend of detector median of plain noise & temperatures

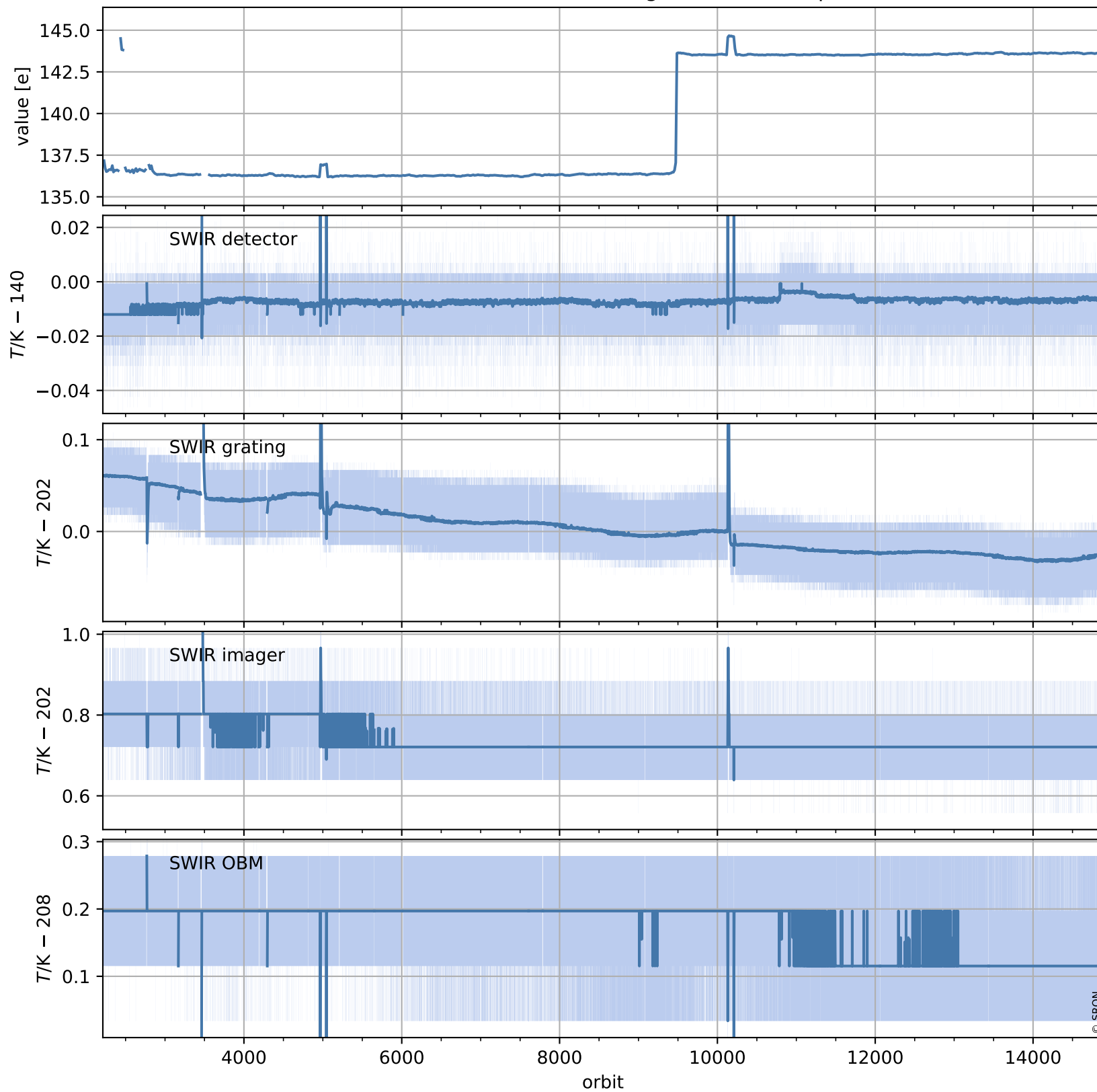




# Tropomi SWIR background noise (swir)

orbits : [2212, 14887]  
coverage : 2018-03-18 / 2020-08-27  
created : 2023-08-21T15:39:01

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14887]  
coverage : 2018-03-18 / 2020-08-27  
created : 2023-08-21T15:39:02

## trend of normalized read-noise & temperatures

