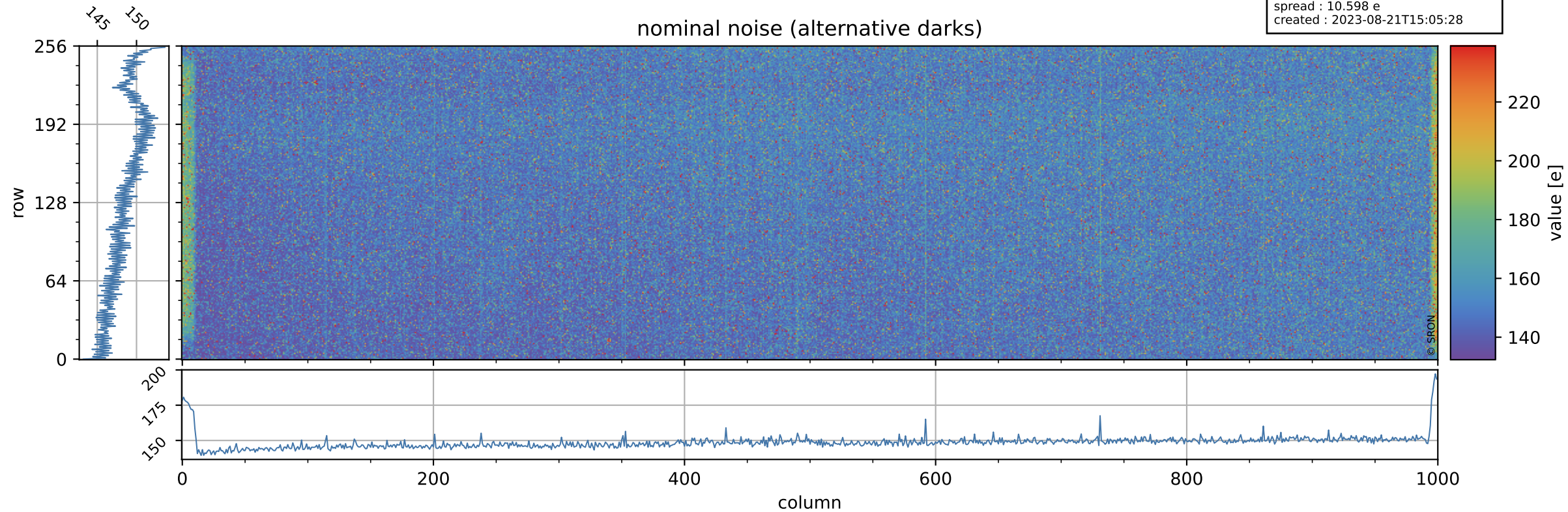


# Tropomi SWIR background noise (swir)

orbits : 12 in [9517, 9607]  
coverage : 2019-08-15 / 2019-08-21  
n\_coad, t\_exp : 1, 1.0783  
median : 148.45 e  
spread : 10.598 e  
created : 2023-08-21T15:05:28

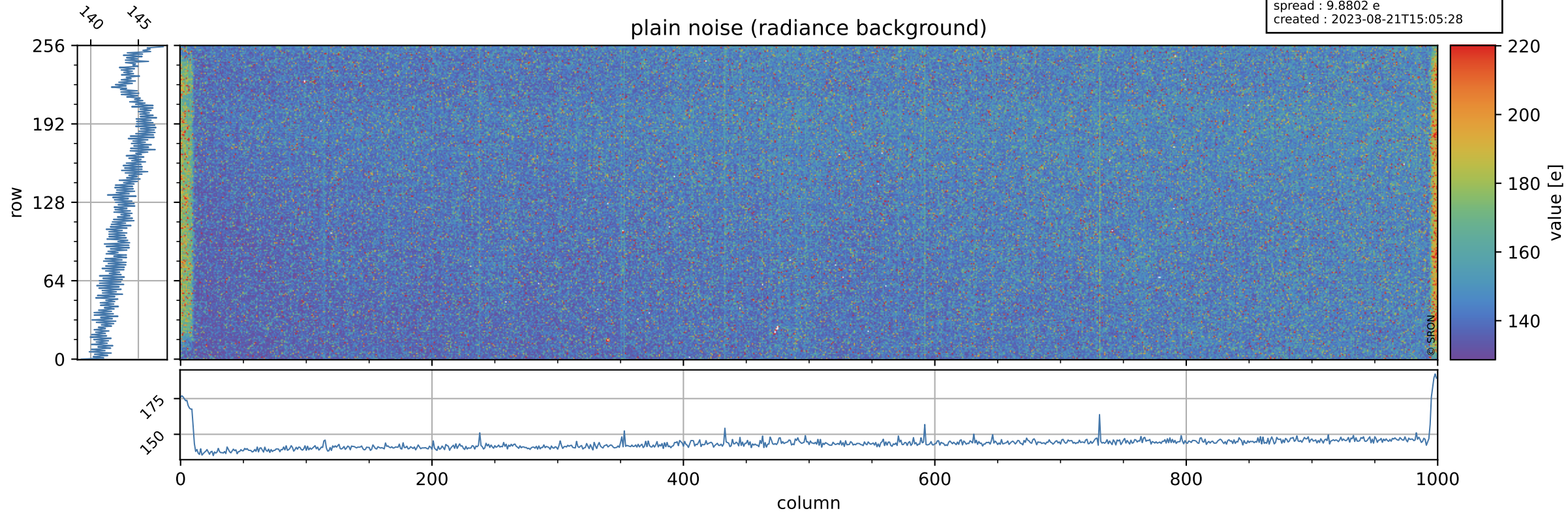
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9517, 9607]  
coverage : 2019-08-15 / 2019-08-21  
n\_coad, t\_exp : 1, 0.8383  
median : 143.47 e  
spread : 9.8802 e  
created : 2023-08-21T15:05:28

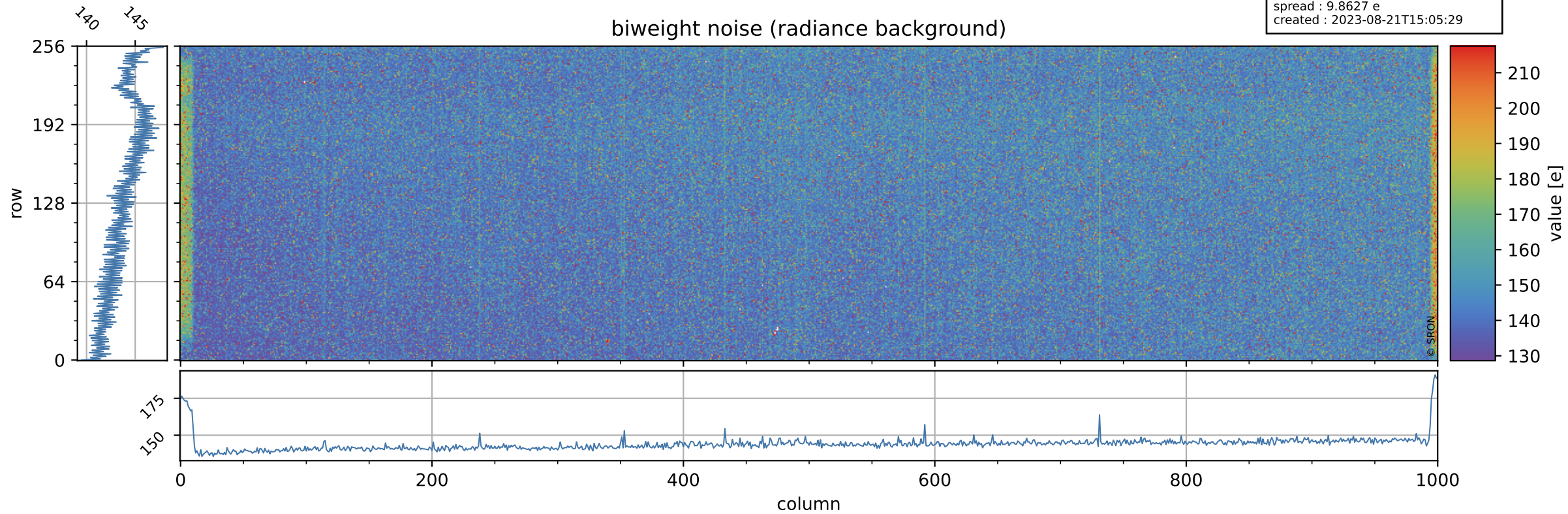
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9517, 9607]  
coverage : 2019-08-15 / 2019-08-21  
n\_coad, t\_exp : 1, 0.8383  
median : 143.71 e  
spread : 9.8627 e  
created : 2023-08-21T15:05:29

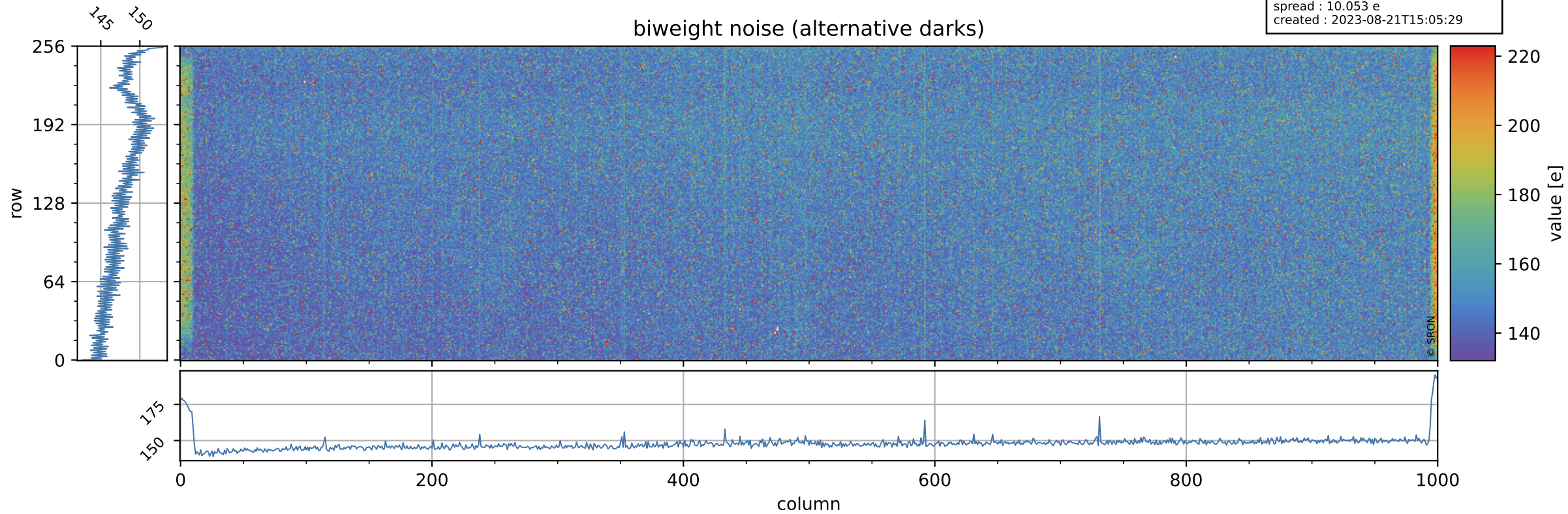
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9517, 9607]  
coverage : 2019-08-15 / 2019-08-21  
n\_coad, t\_exp : 1, 1.0783  
median : 147.62 e  
spread : 10.053 e  
created : 2023-08-21T15:05:29

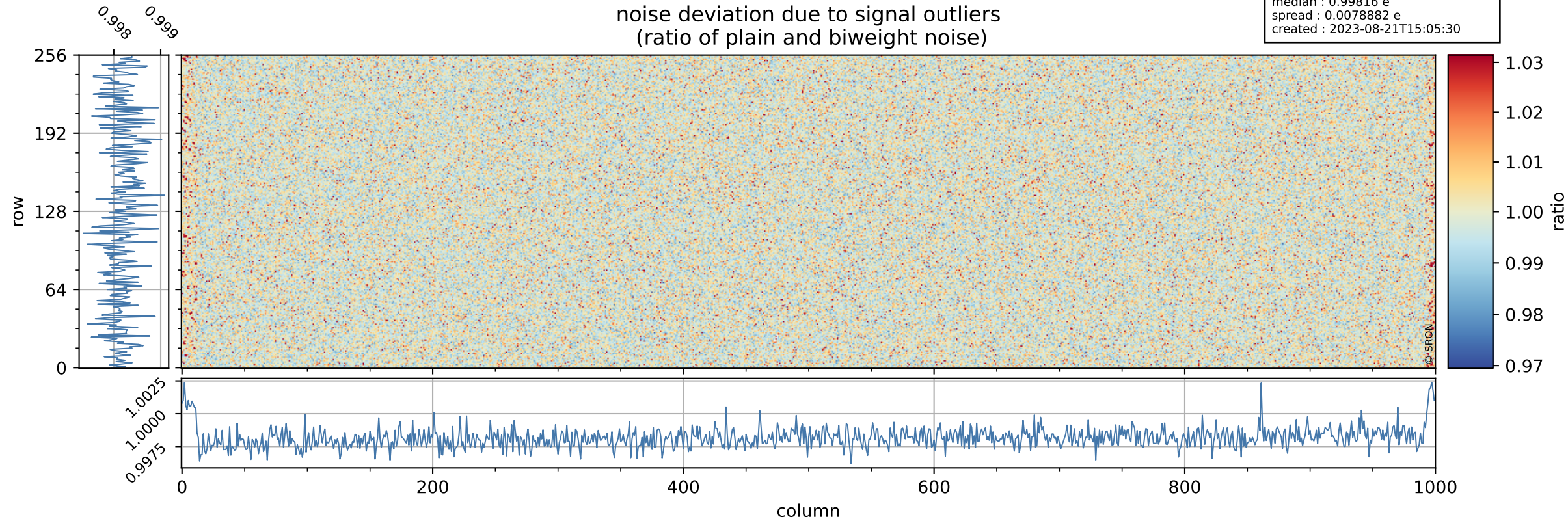
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

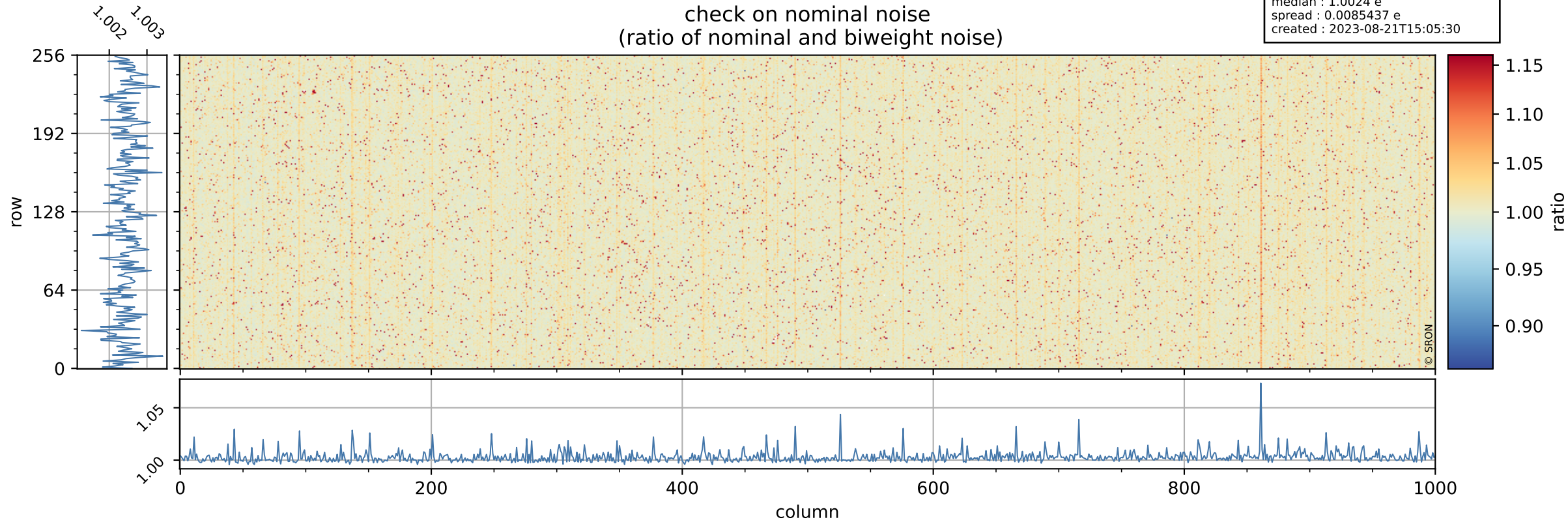
orbits : 12 in [9517, 9607]  
coverage : 2019-08-15 / 2019-08-21  
median : 0.99816 e  
spread : 0.0078882 e  
created : 2023-08-21T15:05:30



# Tropomi SWIR background noise (swir)

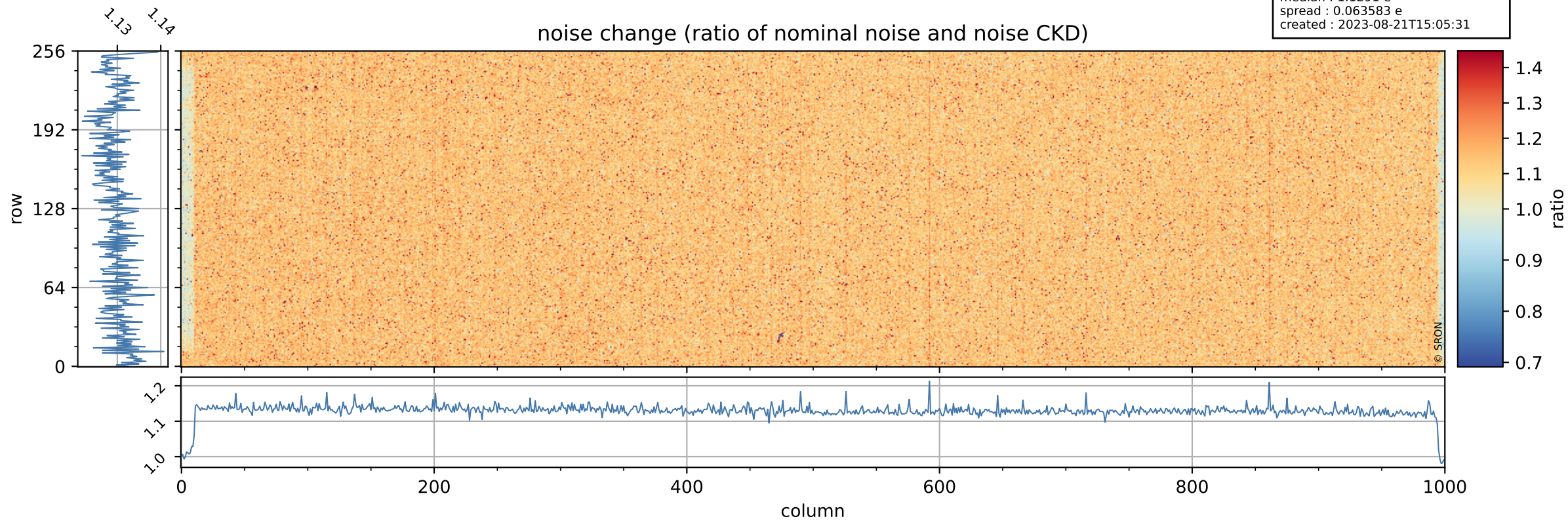
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [9517, 9607]  
coverage : 2019-08-15 / 2019-08-21  
median : 1.0024 e  
spread : 0.0085437 e  
created : 2023-08-21T15:05:30



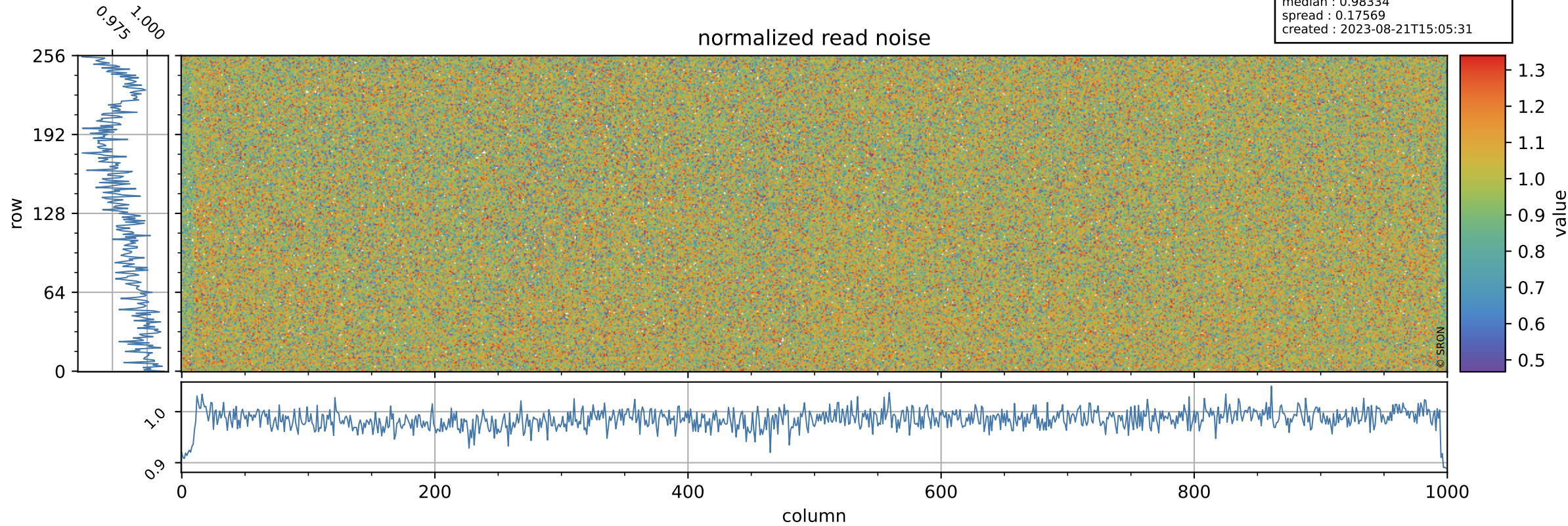
# Tropomi SWIR background noise (swir)

orbits : 12 in [9517, 9607]  
coverage : 2019-08-15 / 2019-08-21  
median : 1.1291 e  
spread : 0.063583 e  
created : 2023-08-21T15:05:31



# Tropomi SWIR background noise (swir)

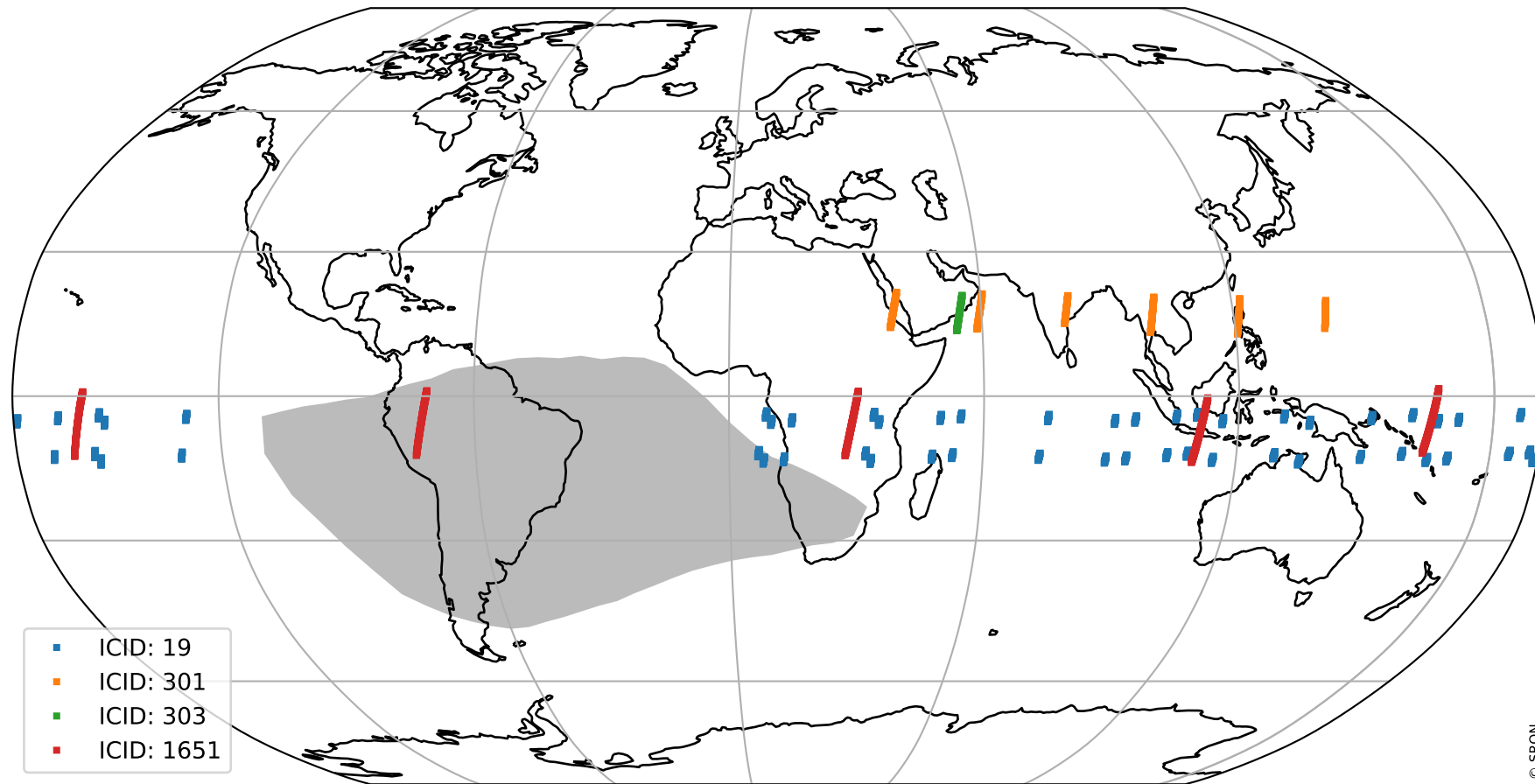
orbits : 12 in [9517, 9607]  
coverage : 2019-08-15 / 2019-08-21  
median : 0.98334  
spread : 0.17569  
created : 2023-08-21T15:05:31





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

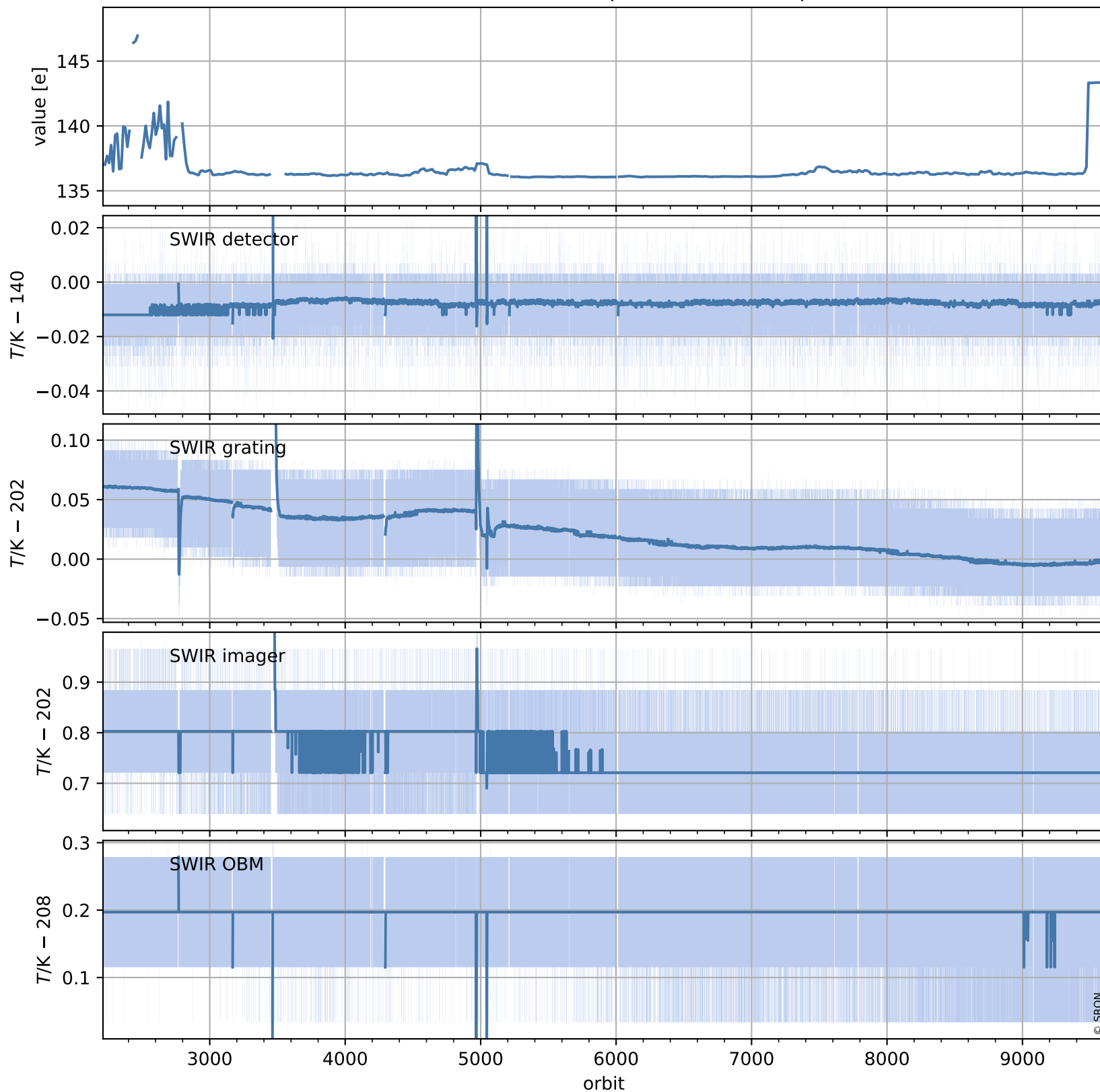
orbits : 12 in [9517, 9607]  
coverage : 2019-08-15 / 2019-08-21  
created : 2023-08-21T15:05:32



# Tropomi SWIR background noise (swir)

orbits : [2212, 9607]  
coverage : 2018-03-18 / 2019-08-21  
created : 2023-08-21T15:05:32

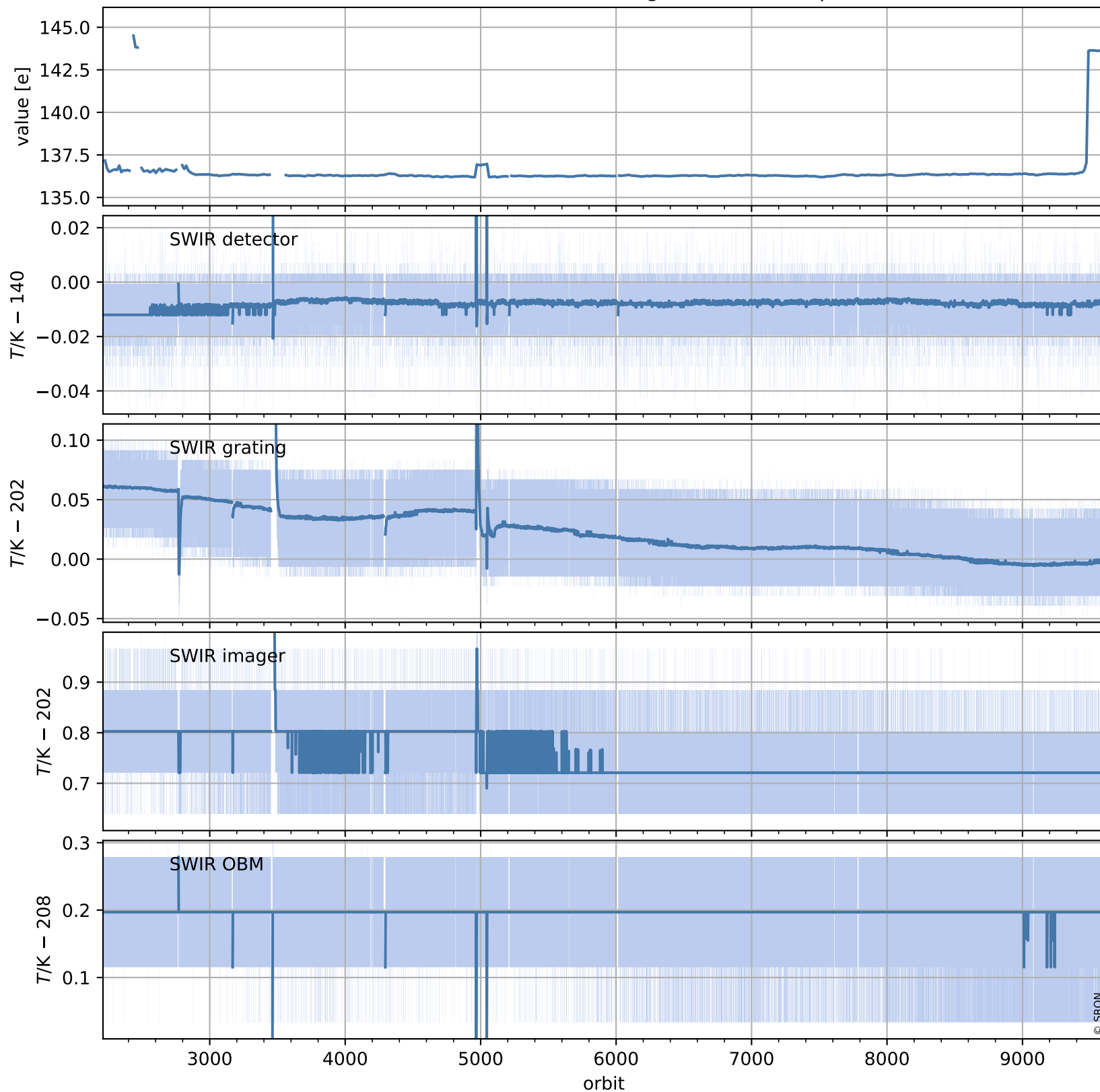
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9607]  
coverage : 2018-03-18 / 2019-08-21  
created : 2023-08-21T15:05:33

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9607]  
coverage : 2018-03-18 / 2019-08-21  
created : 2023-08-21T15:05:34

## trend of normalized read-noise & temperatures

