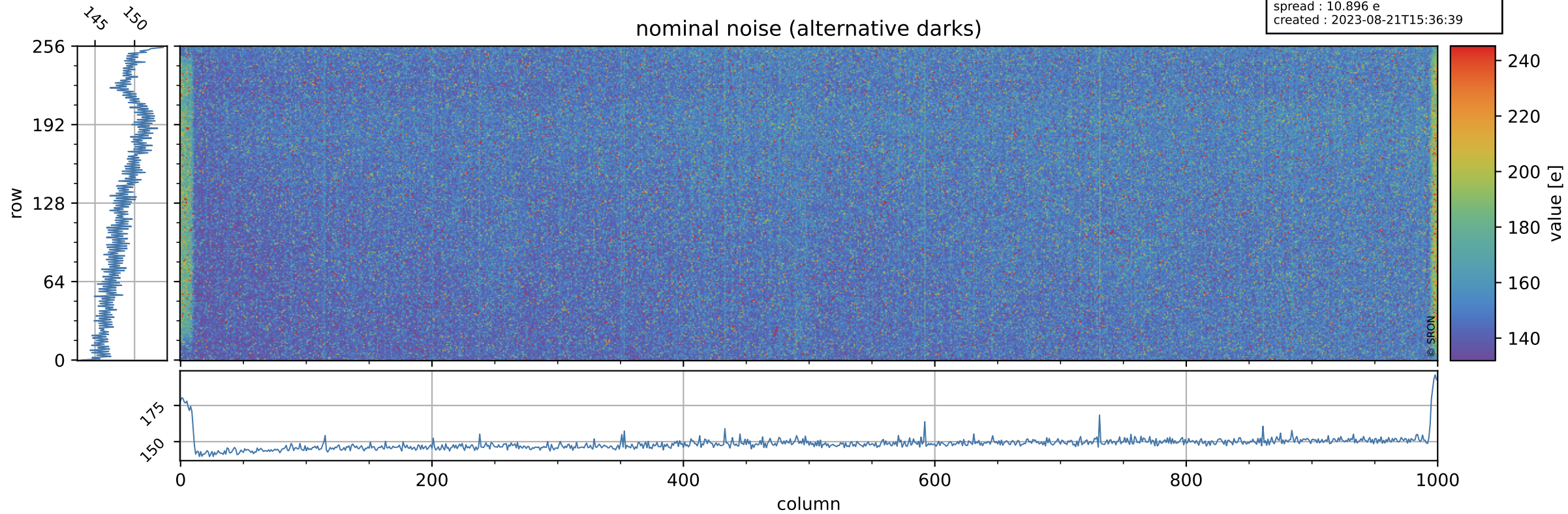


# Tropomi SWIR background noise (swir)

orbits : 12 in [14377, 14467]  
coverage : 2020-07-23 / 2020-07-29  
n\_coad, t\_exp : 1, 1.0783  
median : 148.52 e  
spread : 10.896 e  
created : 2023-08-21T15:36:39

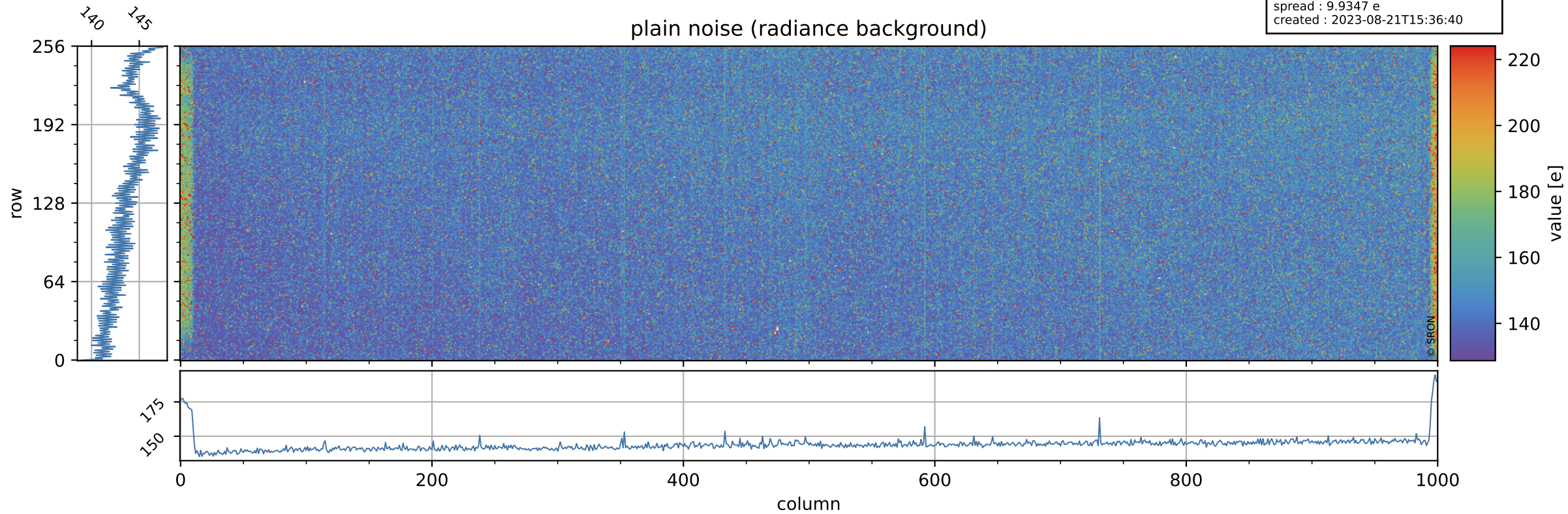
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14377, 14467]  
coverage : 2020-07-23 / 2020-07-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.59 e  
spread : 9.9347 e  
created : 2023-08-21T15:36:40

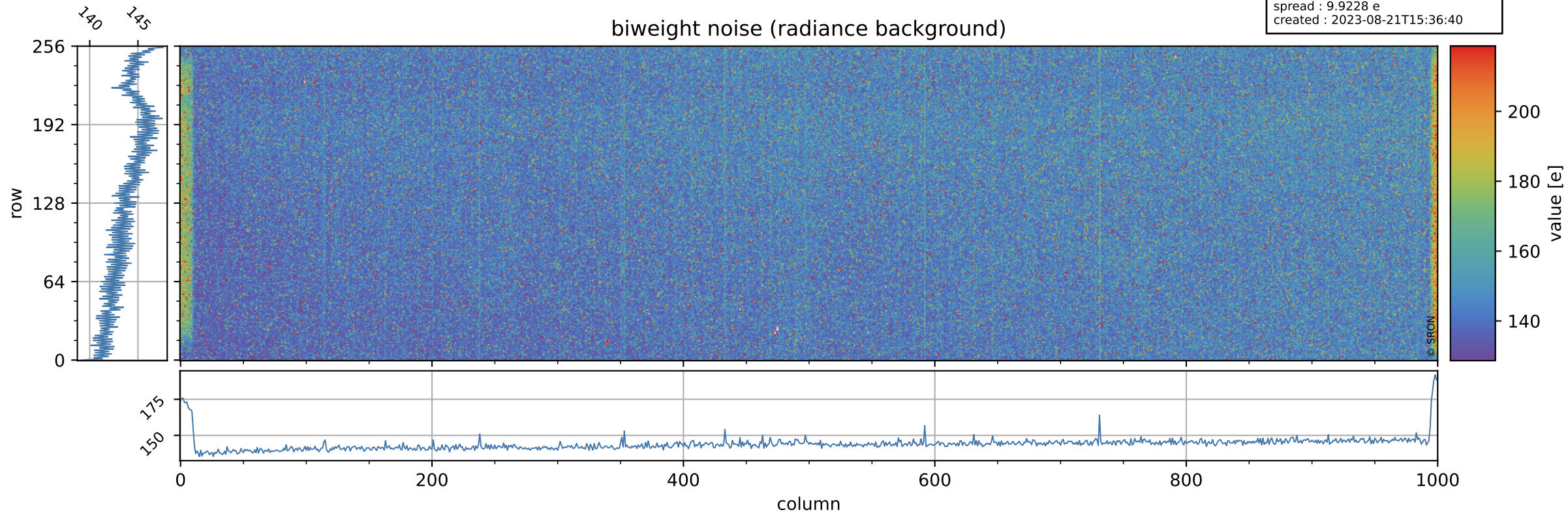
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14377, 14467]  
coverage : 2020-07-23 / 2020-07-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.76 e  
spread : 9.9228 e  
created : 2023-08-21T15:36:40

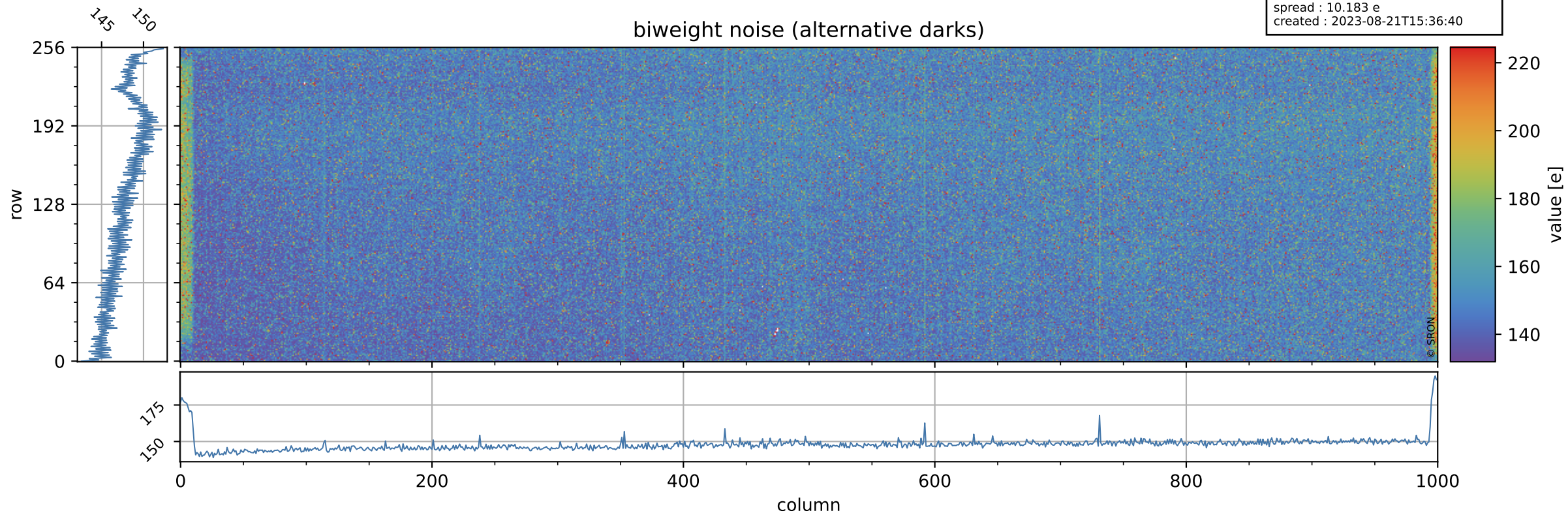
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14377, 14467]  
coverage : 2020-07-23 / 2020-07-29  
n\_coad, t\_exp : 1, 1.0783  
median : 147.67 e  
spread : 10.183 e  
created : 2023-08-21T15:36:40

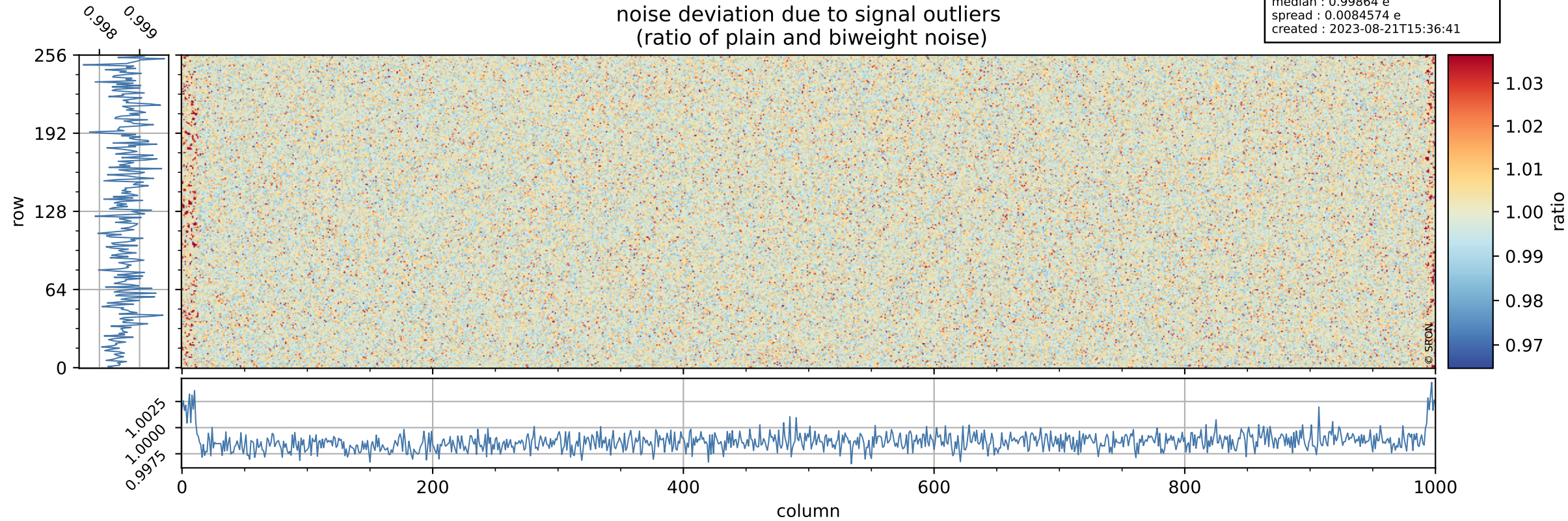
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

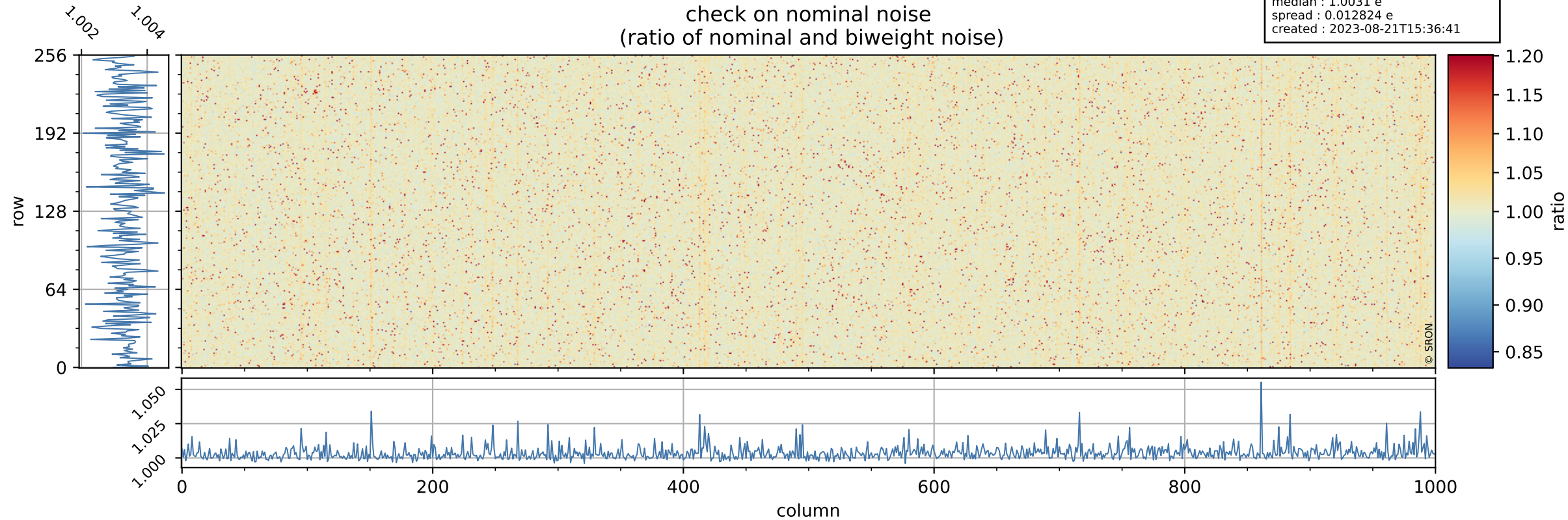
orbits : 12 in [14377, 14467]  
coverage : 2020-07-23 / 2020-07-29  
median : 0.99864 e  
spread : 0.0084574 e  
created : 2023-08-21T15:36:41



# Tropomi SWIR background noise (swir)

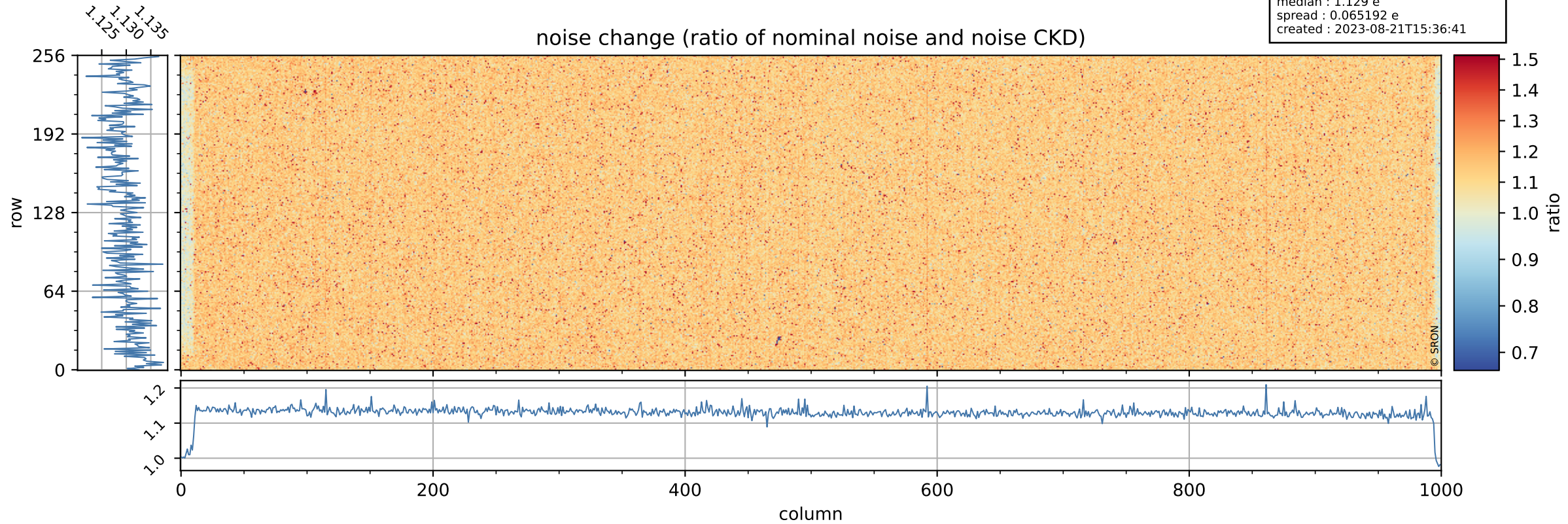
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [14377, 14467]  
coverage : 2020-07-23 / 2020-07-29  
median : 1.0031 e  
spread : 0.012824 e  
created : 2023-08-21T15:36:41



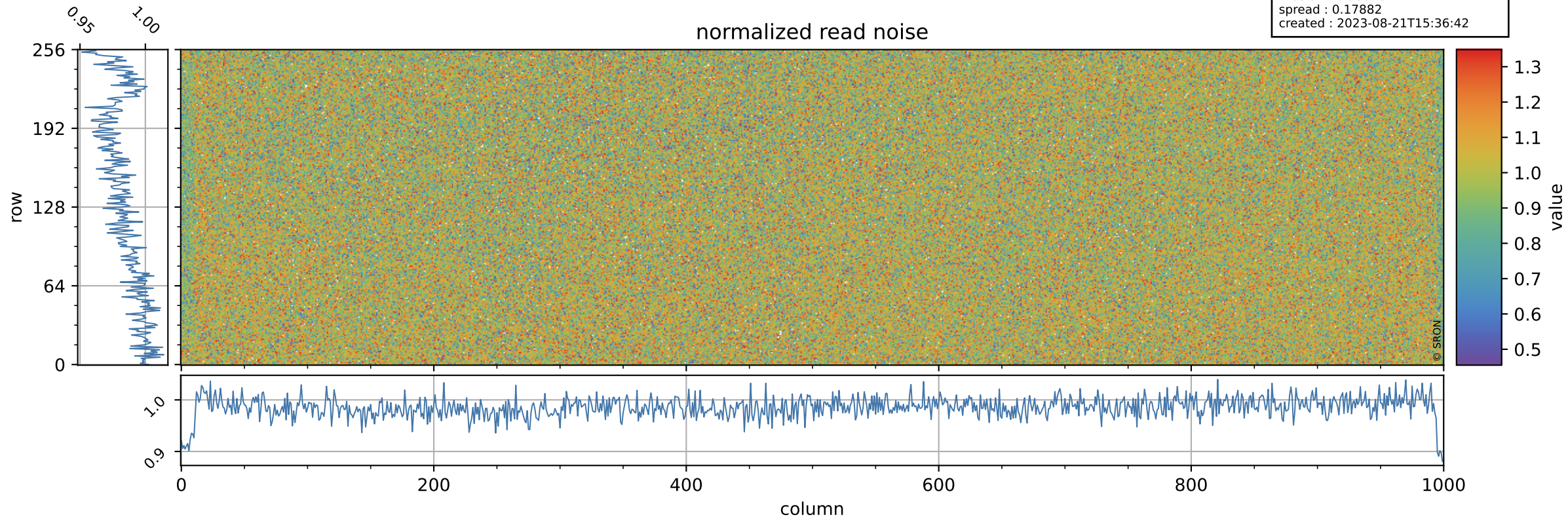
# Tropomi SWIR background noise (swir)

orbits : 12 in [14377, 14467]  
coverage : 2020-07-23 / 2020-07-29  
median : 1.129 e  
spread : 0.065192 e  
created : 2023-08-21T15:36:41



# Tropomi SWIR background noise (swir)

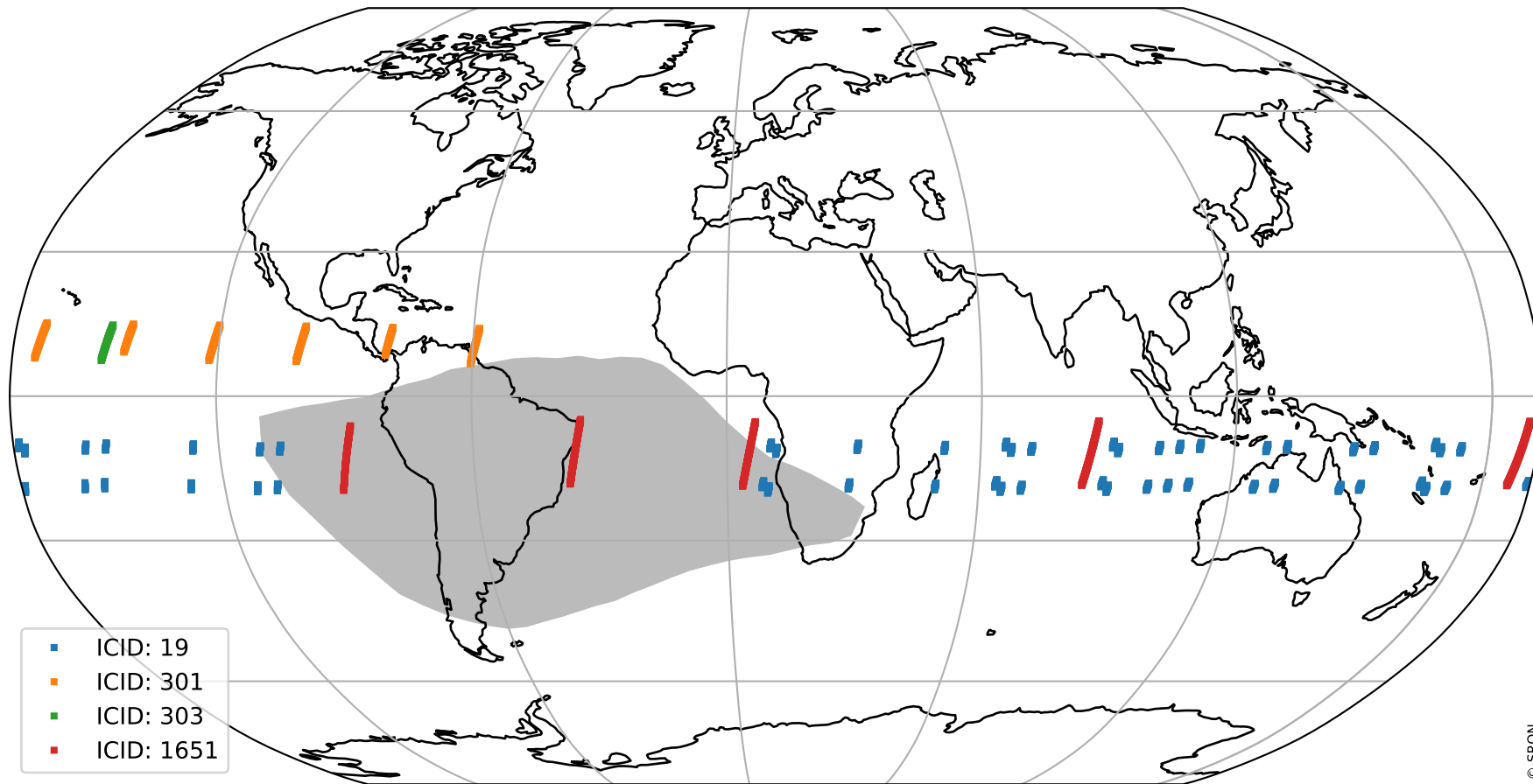
orbits : 12 in [14377, 14467]  
coverage : 2020-07-23 / 2020-07-29  
median : 0.98378  
spread : 0.17882  
created : 2023-08-21T15:36:42





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

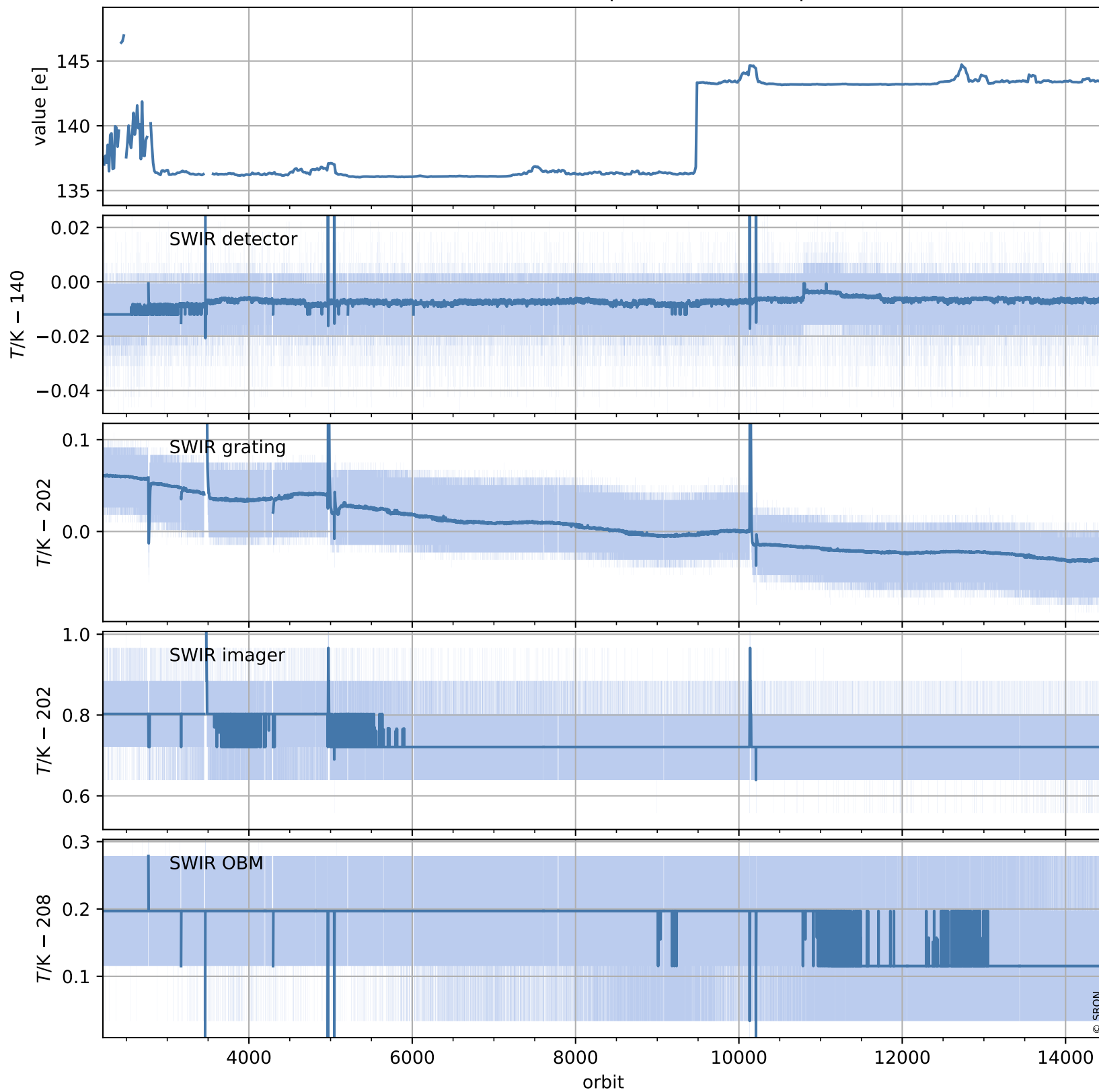
orbits : 12 in [14377, 14467]  
coverage : 2020-07-23 / 2020-07-29  
created : 2023-08-21T15:36:42



# Tropomi SWIR background noise (swir)

orbits : [2212, 14467]  
coverage : 2018-03-18 / 2020-07-29  
created : 2023-08-21T15:36:42

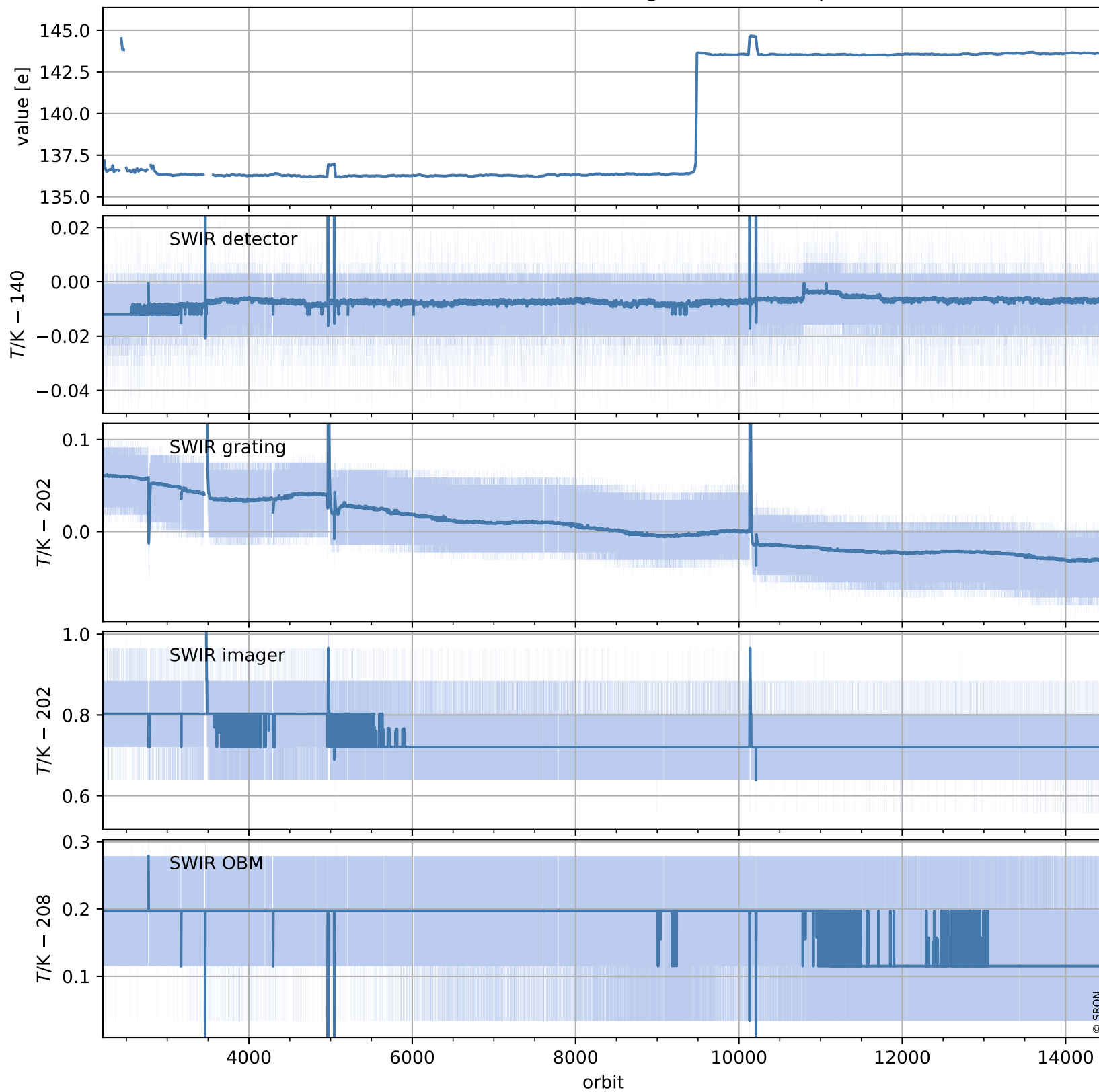
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14467]  
coverage : 2018-03-18 / 2020-07-29  
created : 2023-08-21T15:36:43

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14467]  
coverage : 2018-03-18 / 2020-07-29  
created : 2023-08-21T15:36:44

## trend of normalized read-noise & temperatures

