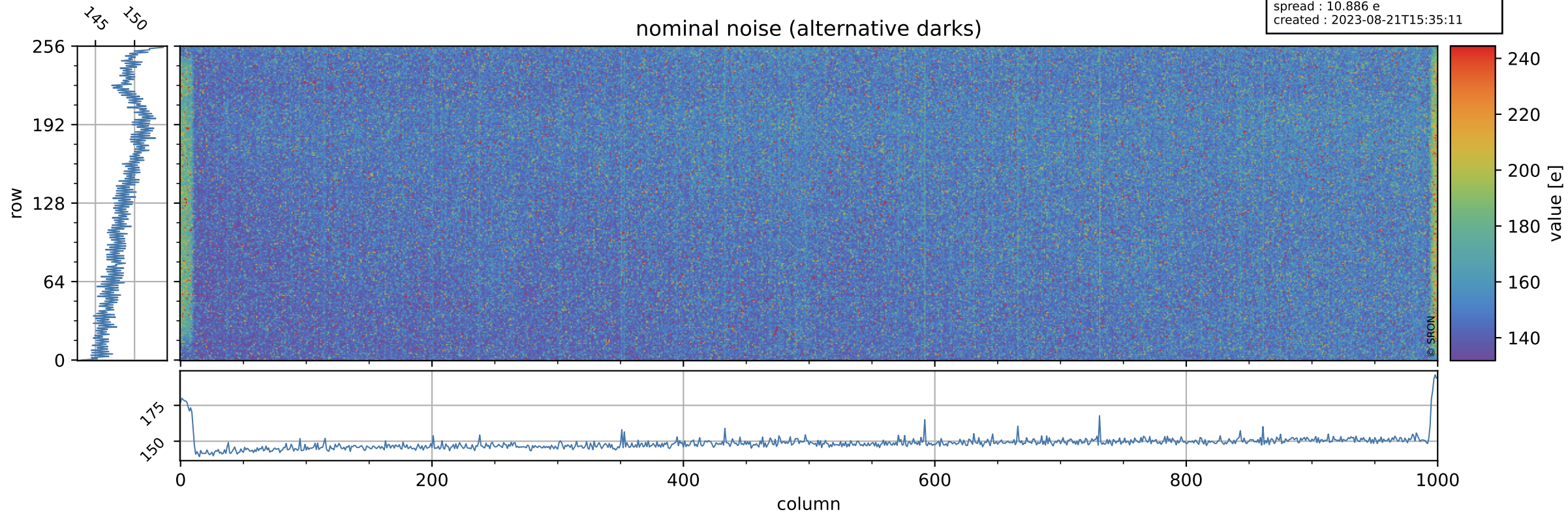


# Tropomi SWIR background noise (swir)

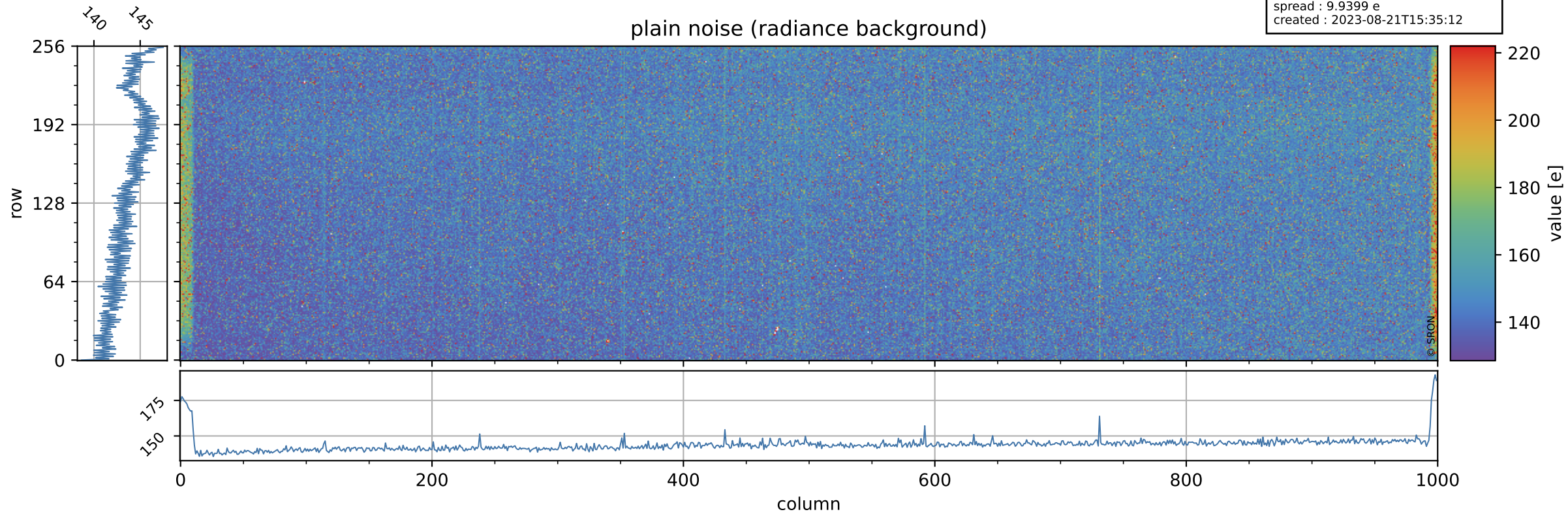
orbits : 12 in [14107, 14197]  
coverage : 2020-07-04 / 2020-07-10  
n\_coad, t\_exp : 1, 1.0783  
median : 148.5 e  
spread : 10.886 e  
created : 2023-08-21T15:35:11



# Tropomi SWIR background noise (swir)

orbits : 12 in [14107, 14197]  
coverage : 2020-07-04 / 2020-07-10  
n\_coad, t\_exp : 1, 0.8383  
median : 143.52 e  
spread : 9.9399 e  
created : 2023-08-21T15:35:12

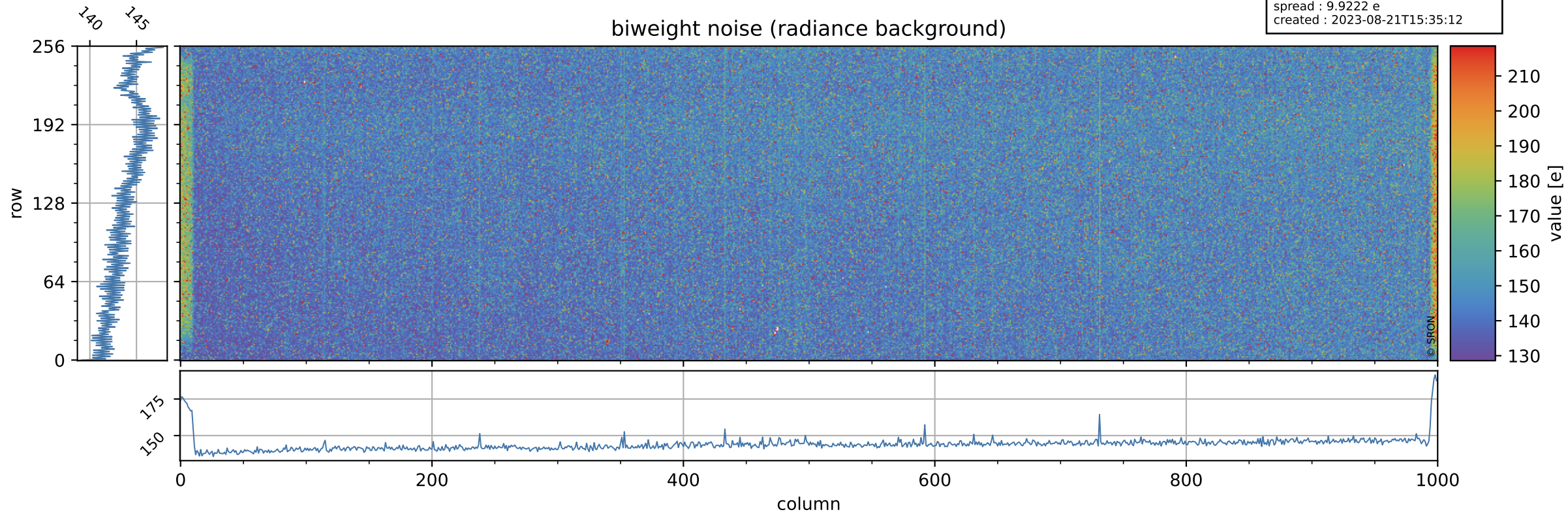
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14107, 14197]  
coverage : 2020-07-04 / 2020-07-10  
n\_coad, t\_exp : 1, 0.8383  
median : 143.76 e  
spread : 9.9222 e  
created : 2023-08-21T15:35:12

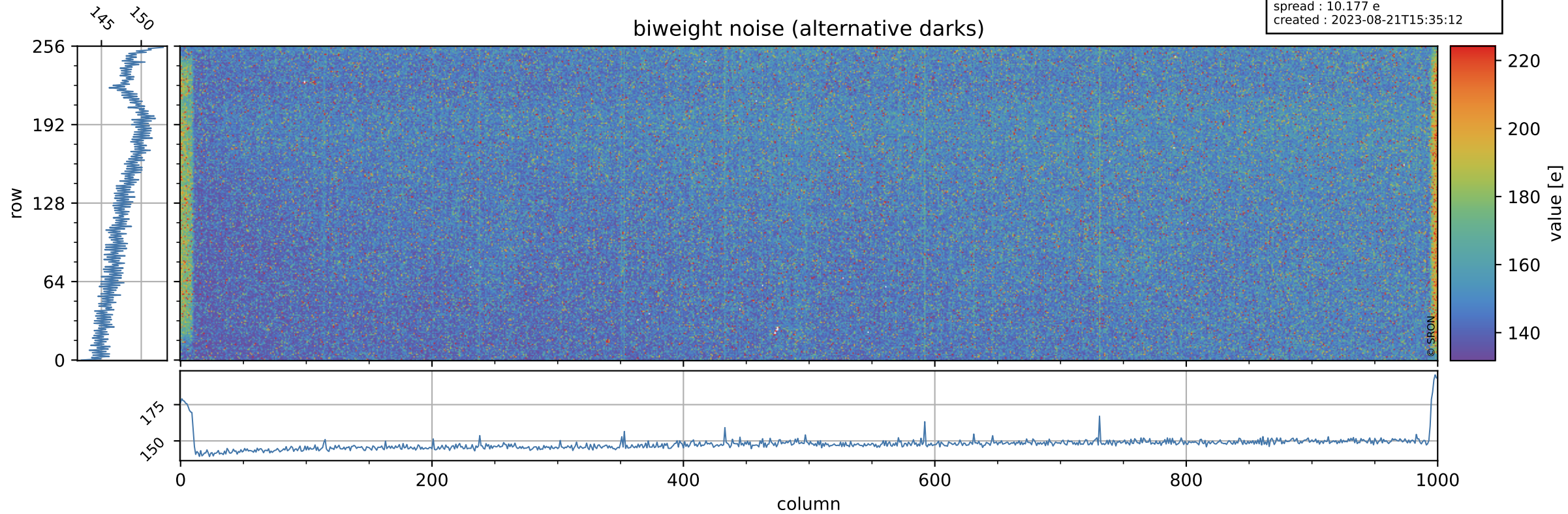
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14107, 14197]  
coverage : 2020-07-04 / 2020-07-10  
n\_coad, t\_exp : 1, 1.0783  
median : 147.63 e  
spread : 10.177 e  
created : 2023-08-21T15:35:12

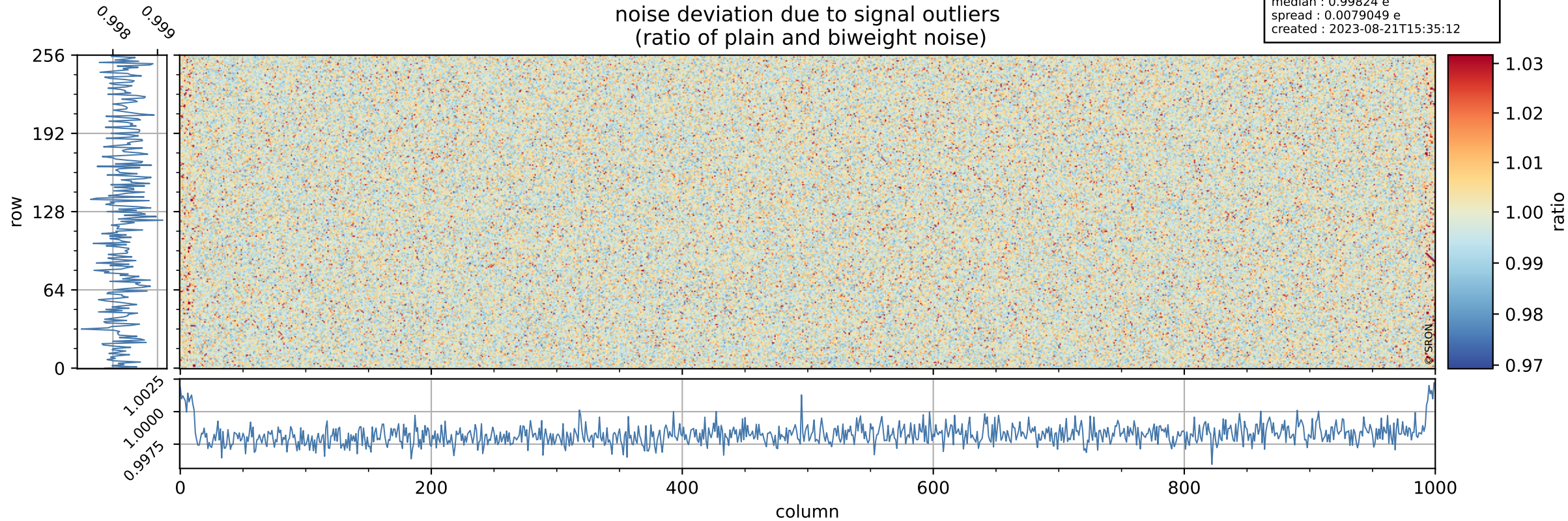
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

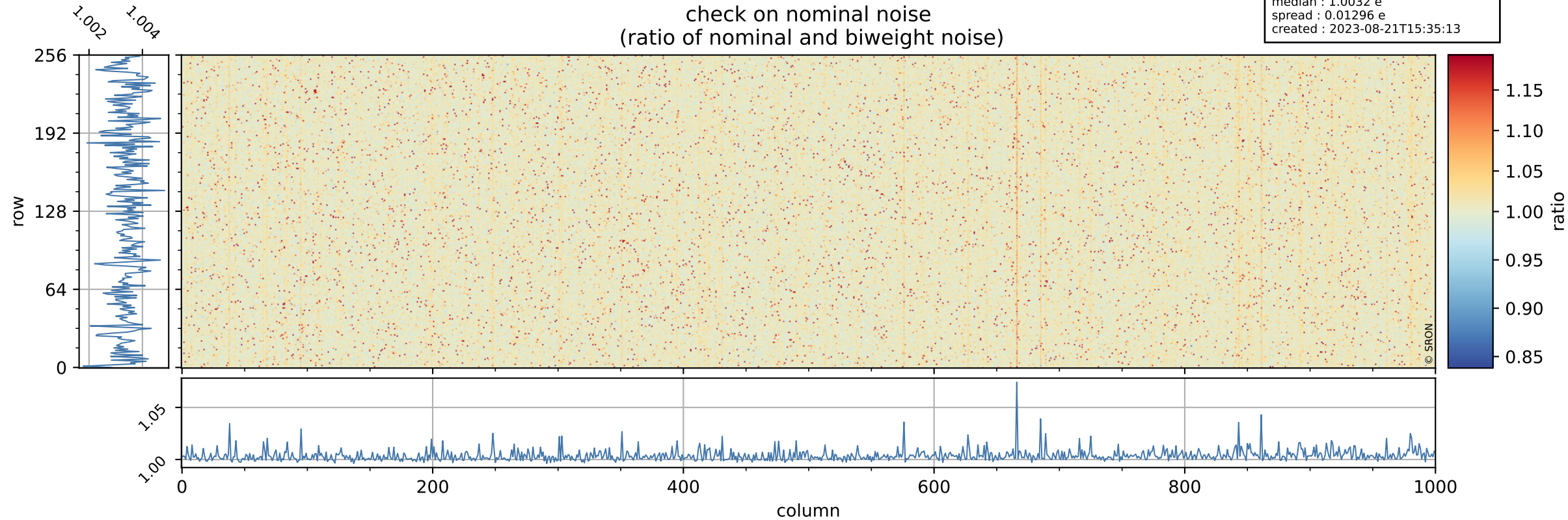
orbits : 12 in [14107, 14197]  
coverage : 2020-07-04 / 2020-07-10  
median : 0.99824 e  
spread : 0.0079049 e  
created : 2023-08-21T15:35:12



# Tropomi SWIR background noise (swir)

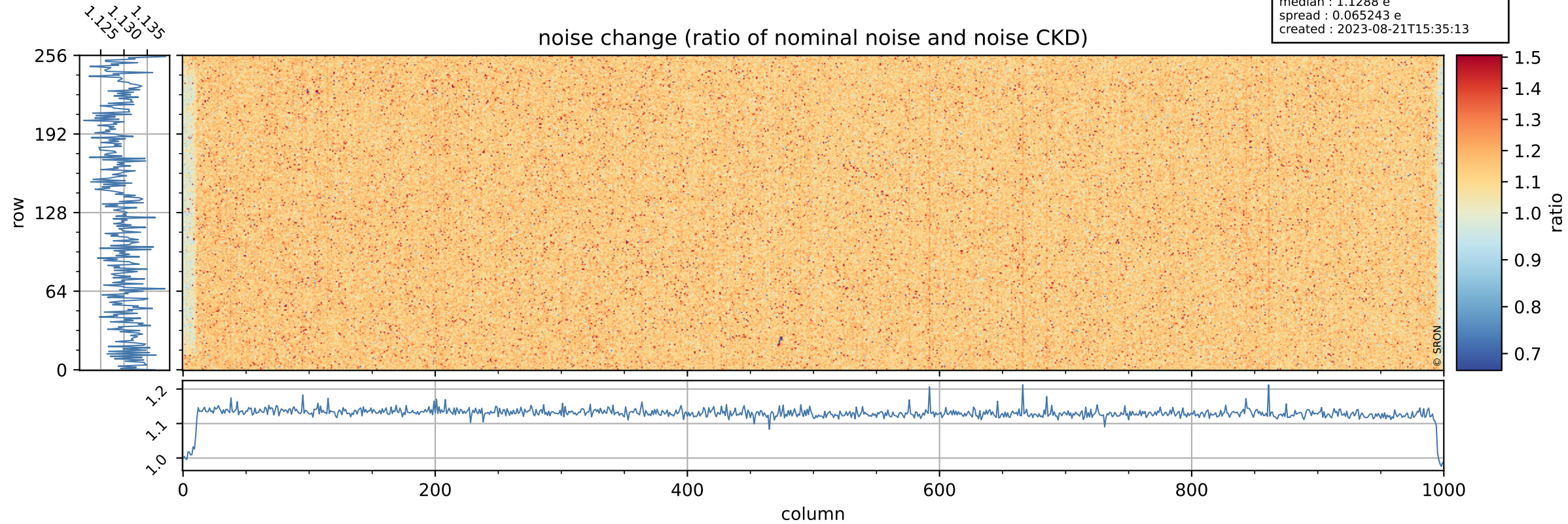
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [14107, 14197]  
coverage : 2020-07-04 / 2020-07-10  
median : 1.0032 e  
spread : 0.01296 e  
created : 2023-08-21T15:35:13



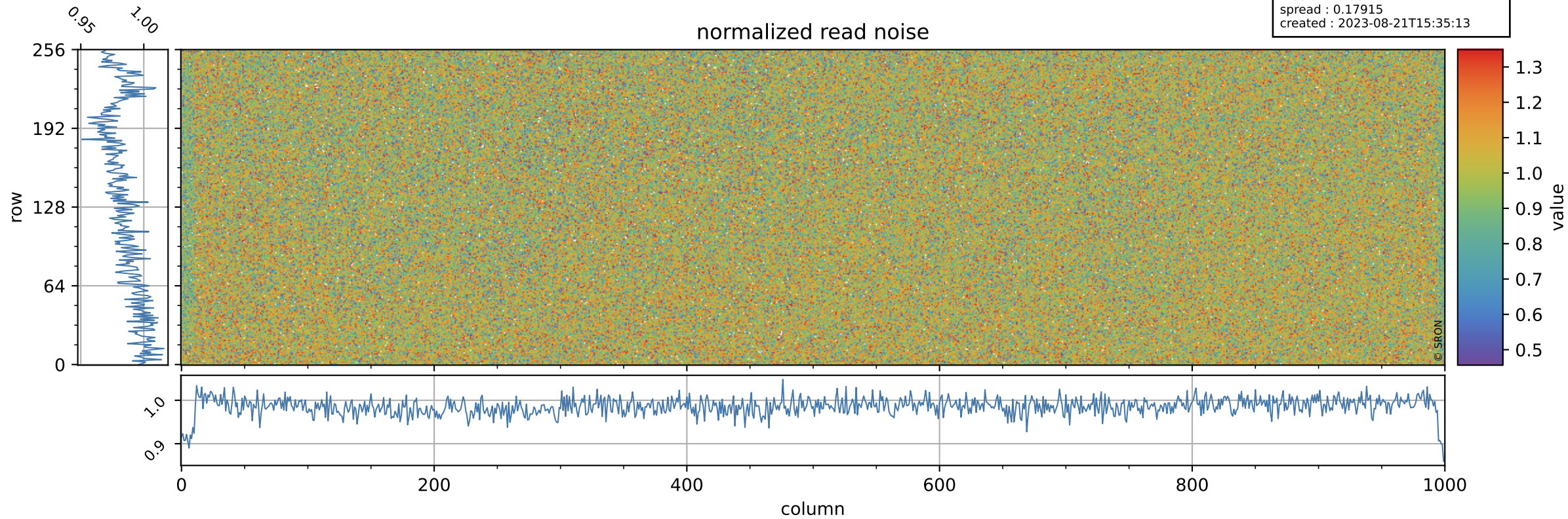
# Tropomi SWIR background noise (swir)

orbits : 12 in [14107, 14197]  
coverage : 2020-07-04 / 2020-07-10  
median : 1.1288 e  
spread : 0.065243 e  
created : 2023-08-21T15:35:13



# Tropomi SWIR background noise (swir)

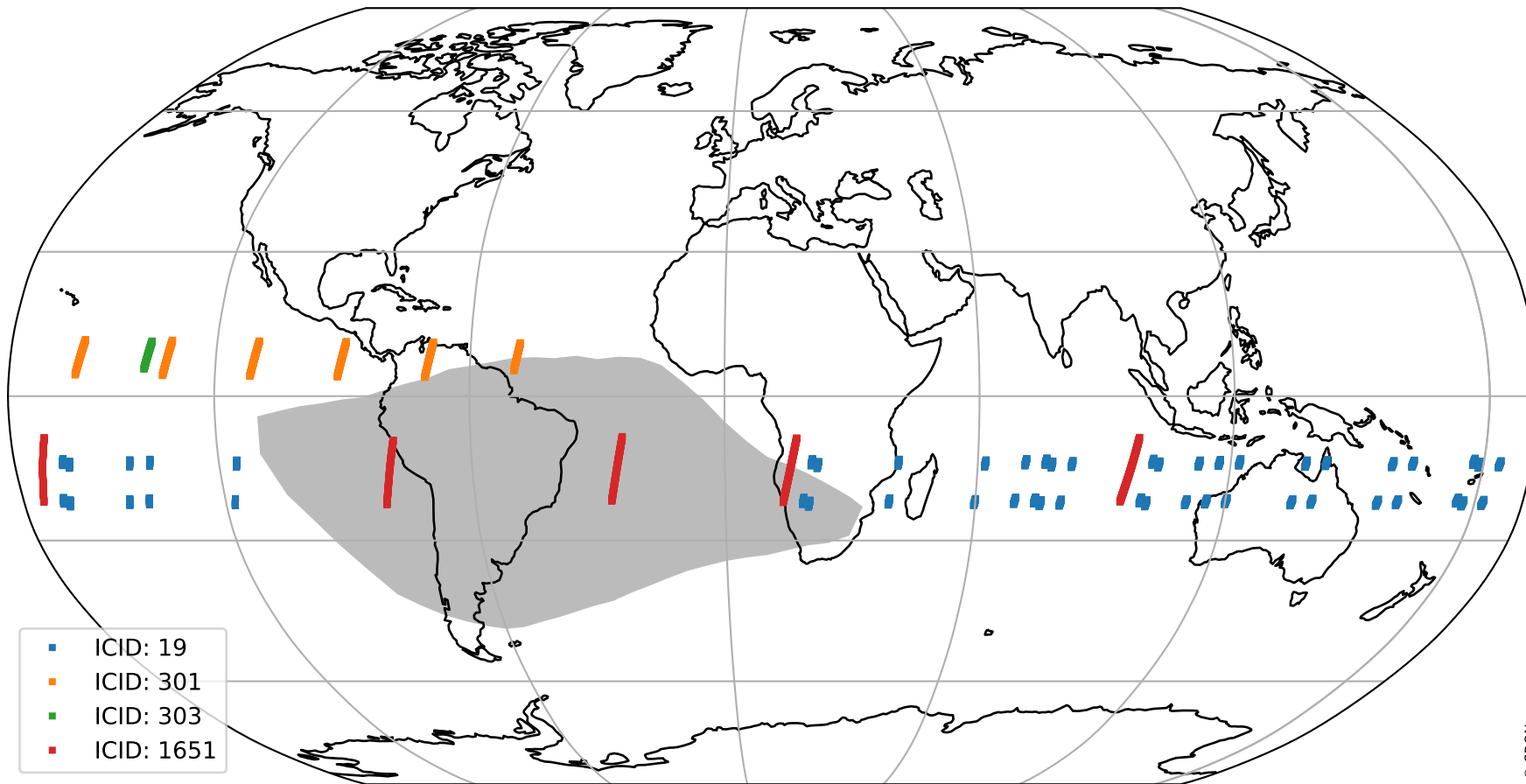
orbits : 12 in [14107, 14197]  
coverage : 2020-07-04 / 2020-07-10  
median : 0.98421  
spread : 0.17915  
created : 2023-08-21T15:35:13





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

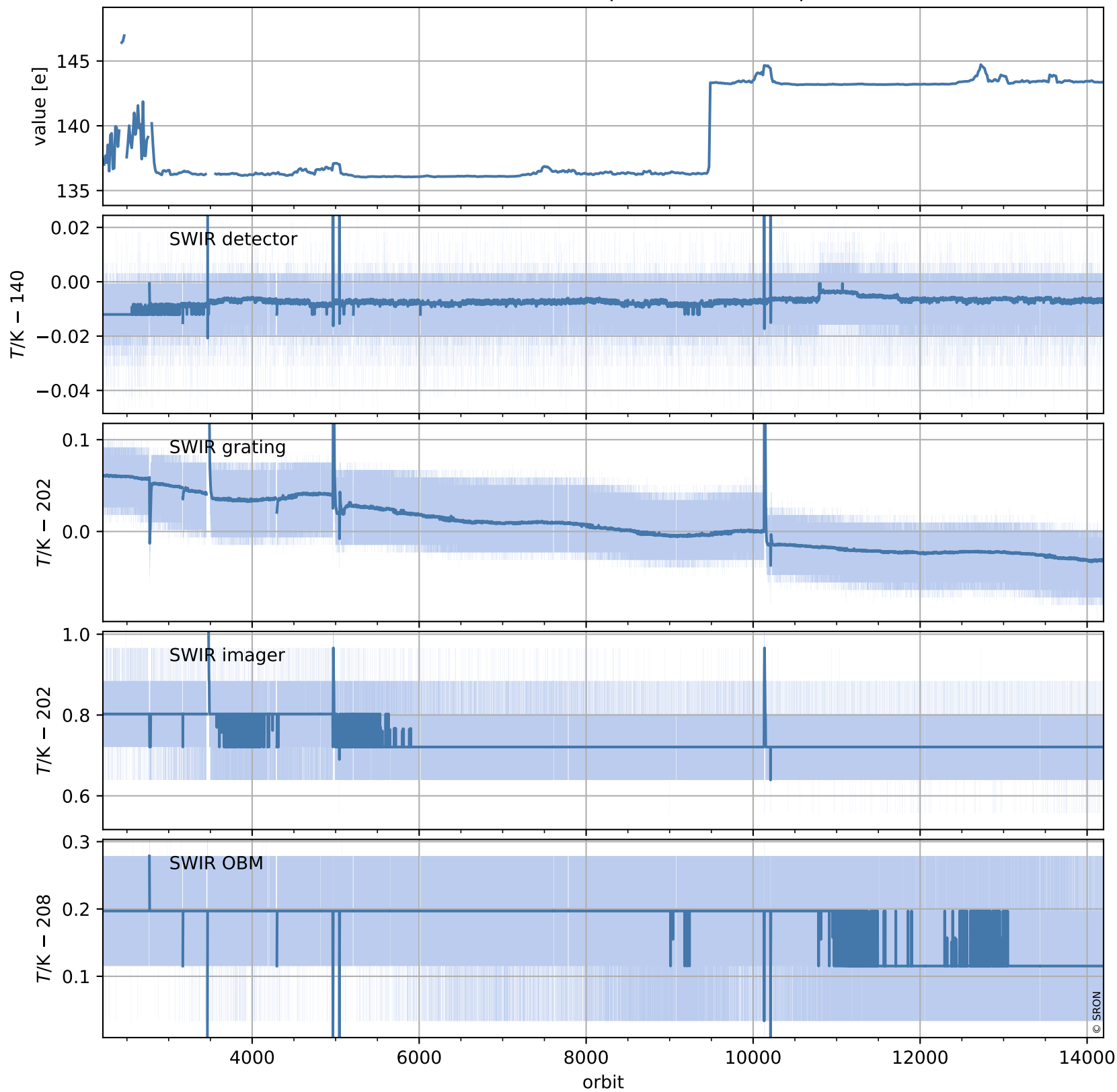
orbits : 12 in [14107, 14197]  
coverage : 2020-07-04 / 2020-07-10  
created : 2023-08-21T15:35:14



# Tropomi SWIR background noise (swir)

orbits : [2212, 14197]  
coverage : 2018-03-18 / 2020-07-10  
created : 2023-08-21T15:35:14

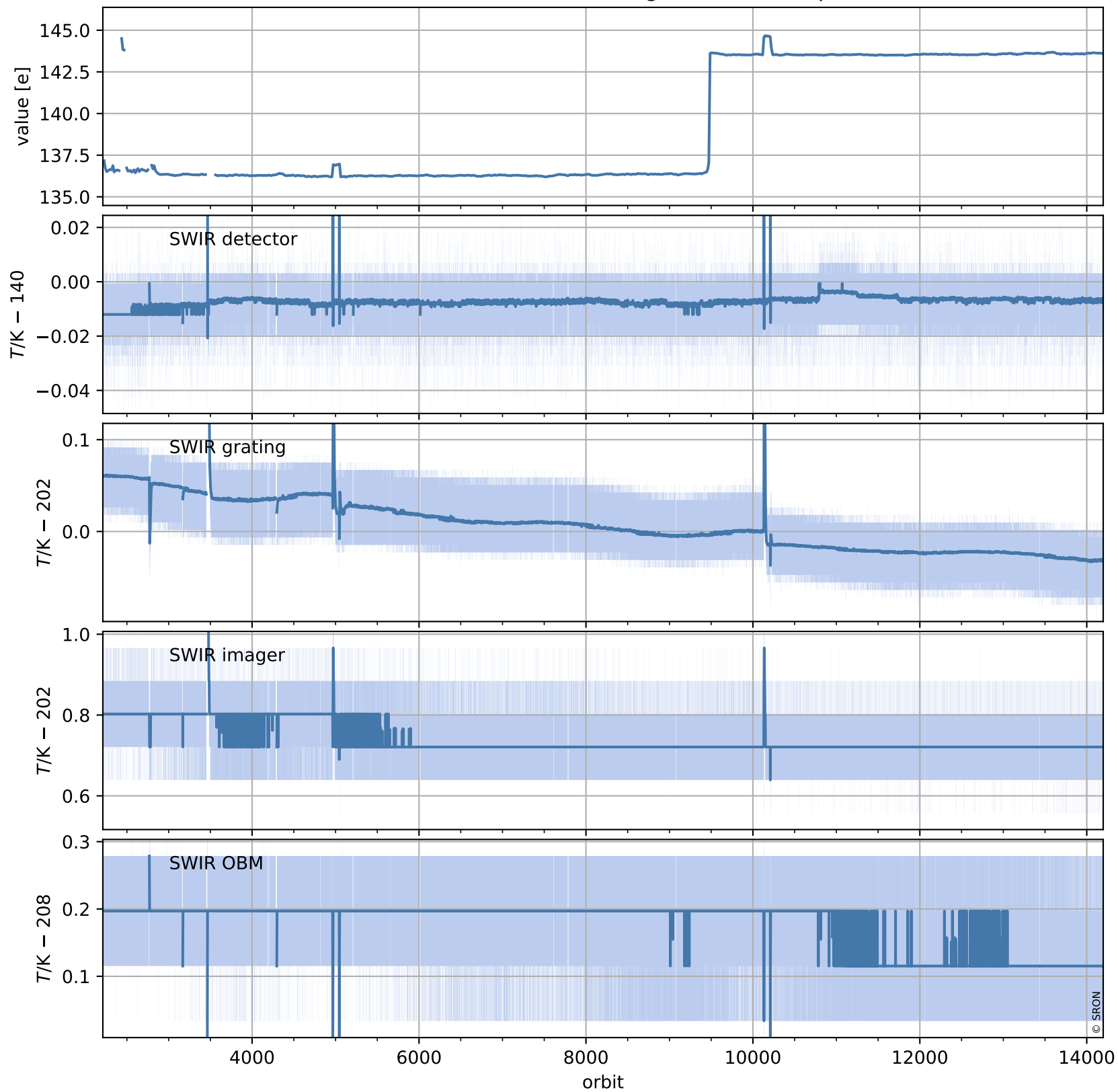
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14197]  
coverage : 2018-03-18 / 2020-07-10  
created : 2023-08-21T15:35:15

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14197]  
coverage : 2018-03-18 / 2020-07-10  
created : 2023-08-21T15:35:15

## trend of normalized read-noise & temperatures

