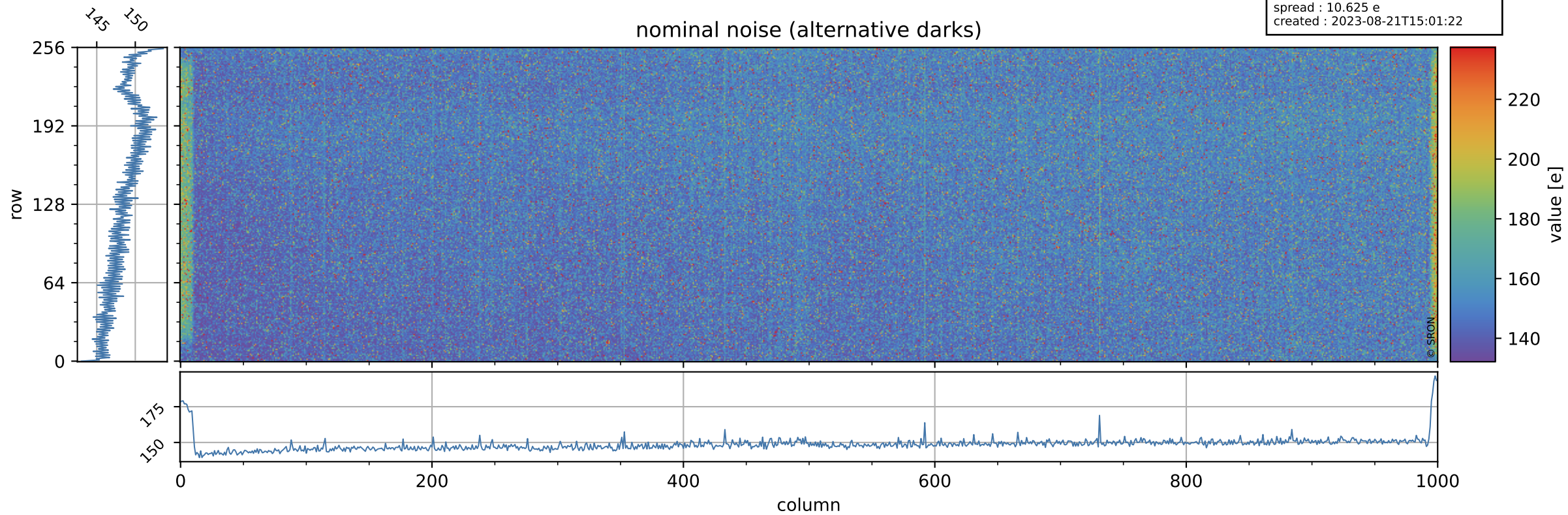


# Tropomi SWIR background noise (swir)

orbits : 12 in [8992, 9082]  
coverage : 2019-07-09 / 2019-07-15  
n\_coad, t\_exp : 1, 1.0783  
median : 148.45 e  
spread : 10.625 e  
created : 2023-08-21T15:01:22

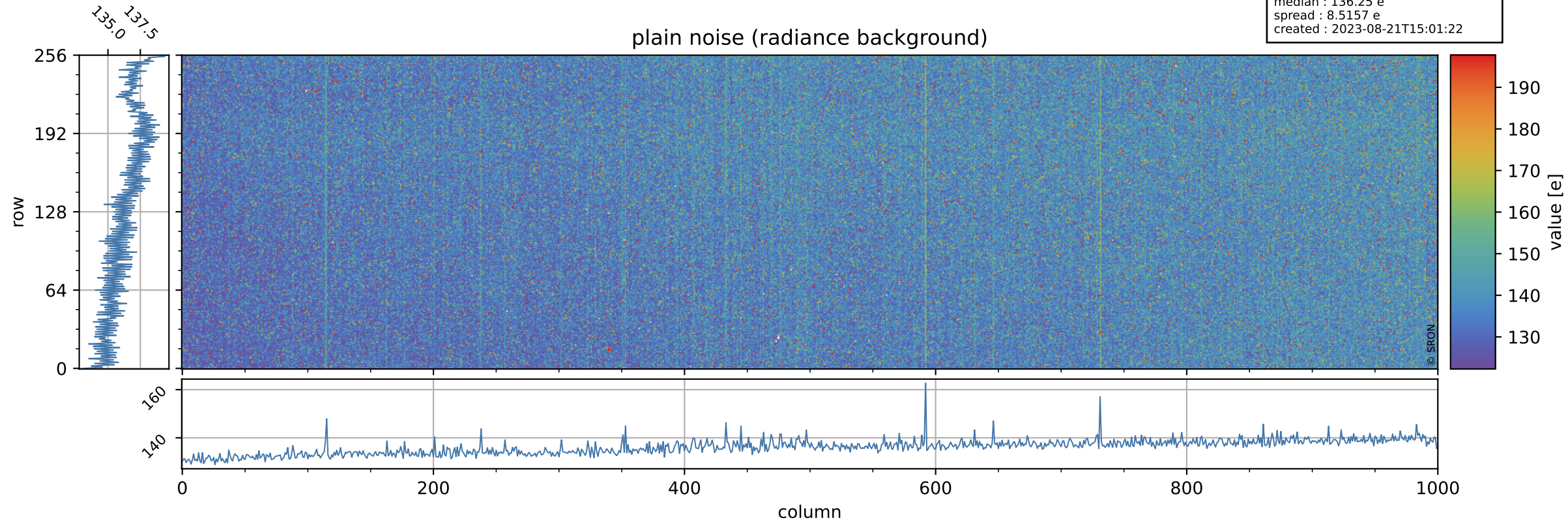
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8992, 9082]  
coverage : 2019-07-09 / 2019-07-15  
n\_coad, t\_exp : 2, 0.5383  
median : 136.25 e  
spread : 8.5157 e  
created : 2023-08-21T15:01:22

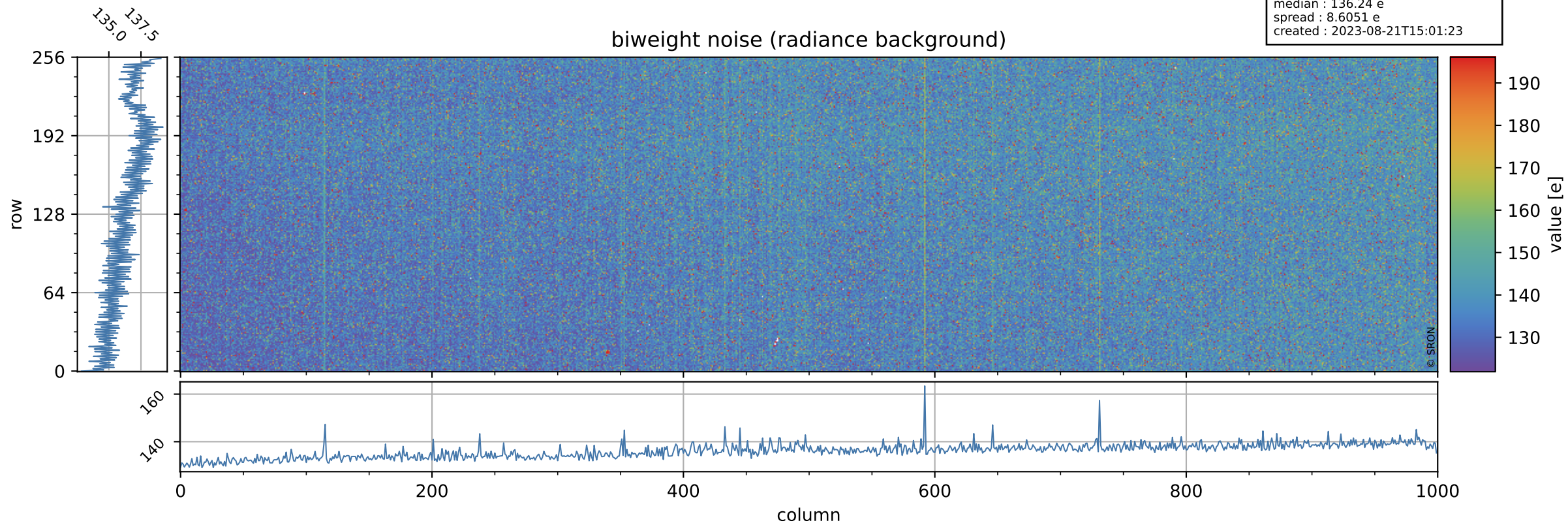
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8992, 9082]  
coverage : 2019-07-09 / 2019-07-15  
n\_coad, t\_exp : 2, 0.5383  
median : 136.24 e  
spread : 8.6051 e  
created : 2023-08-21T15:01:23

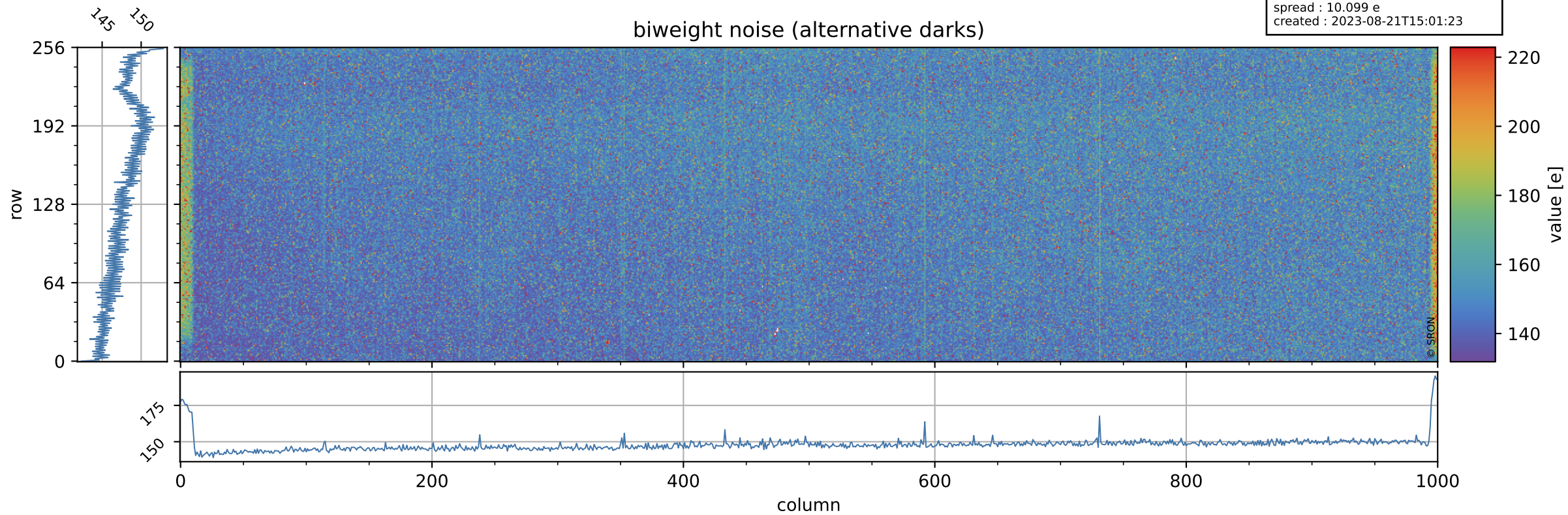
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8992, 9082]  
coverage : 2019-07-09 / 2019-07-15  
n\_coad, t\_exp : 1, 1.0783  
median : 147.59 e  
spread : 10.099 e  
created : 2023-08-21T15:01:23

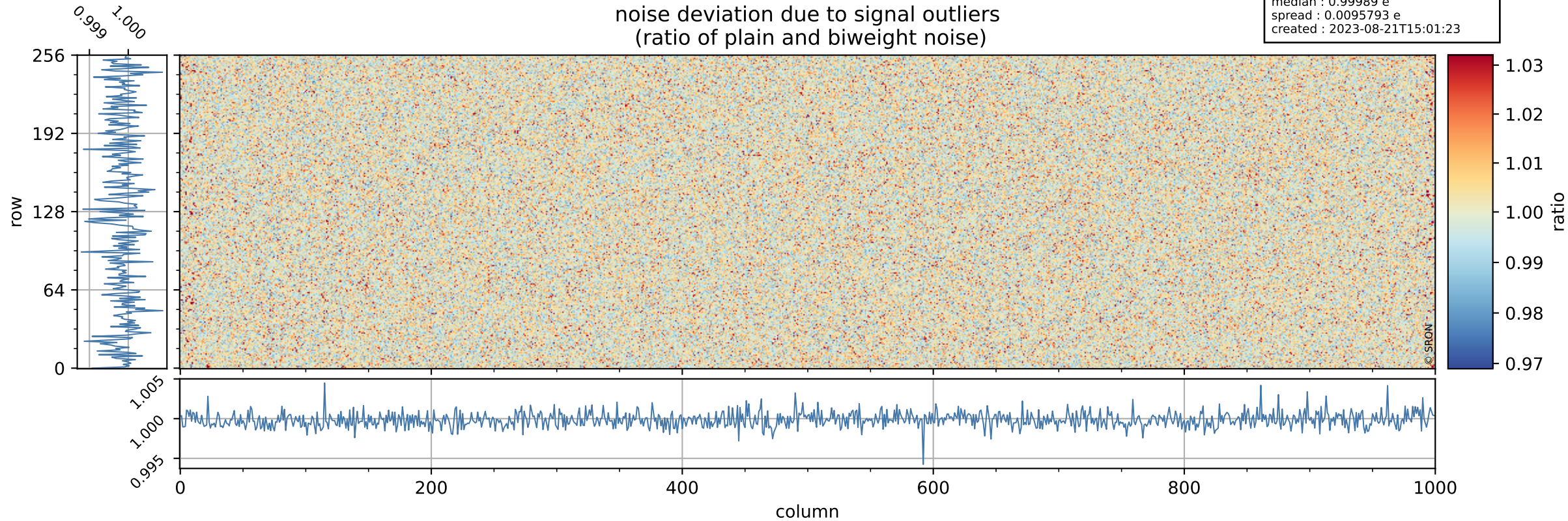
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

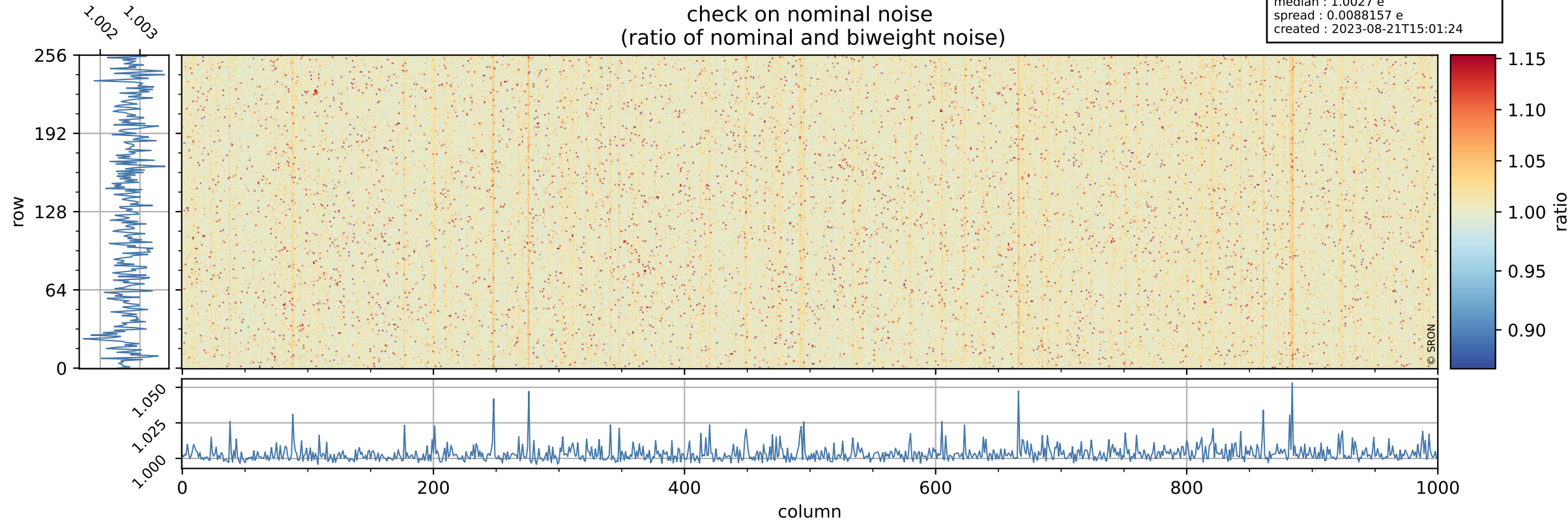
orbits : 12 in [8992, 9082]  
coverage : 2019-07-09 / 2019-07-15  
median : 0.99989 e  
spread : 0.0095793 e  
created : 2023-08-21T15:01:23



# Tropomi SWIR background noise (swir)

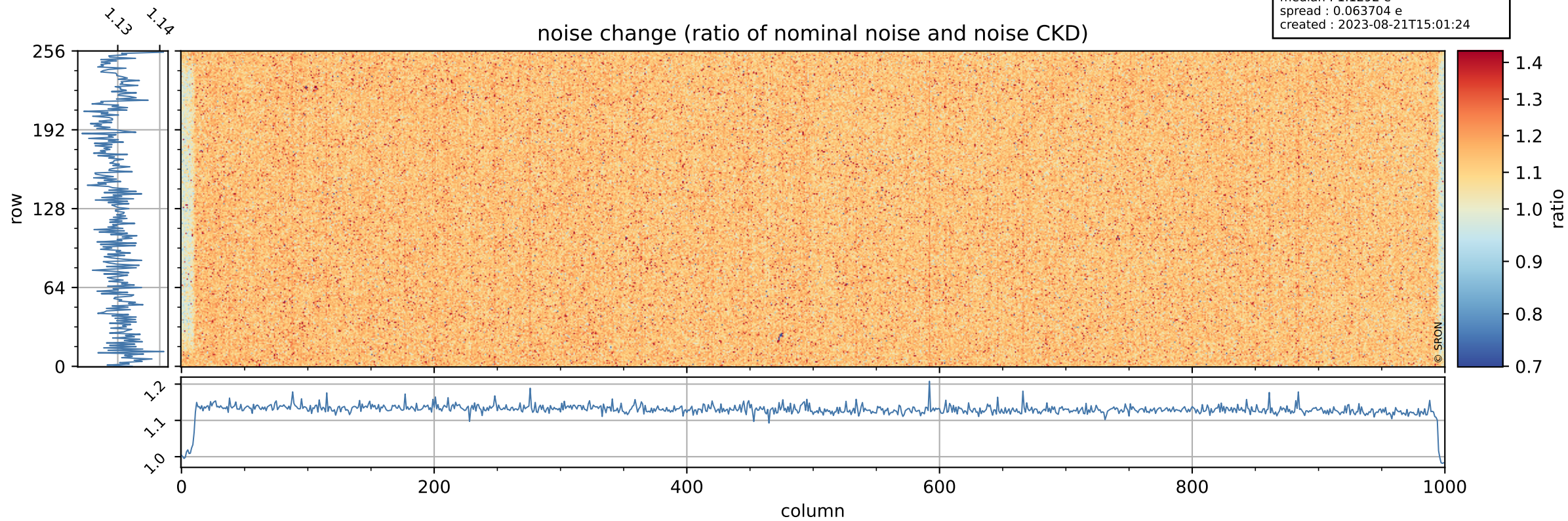
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [8992, 9082]  
coverage : 2019-07-09 / 2019-07-15  
median : 1.0027 e  
spread : 0.0088157 e  
created : 2023-08-21T15:01:24



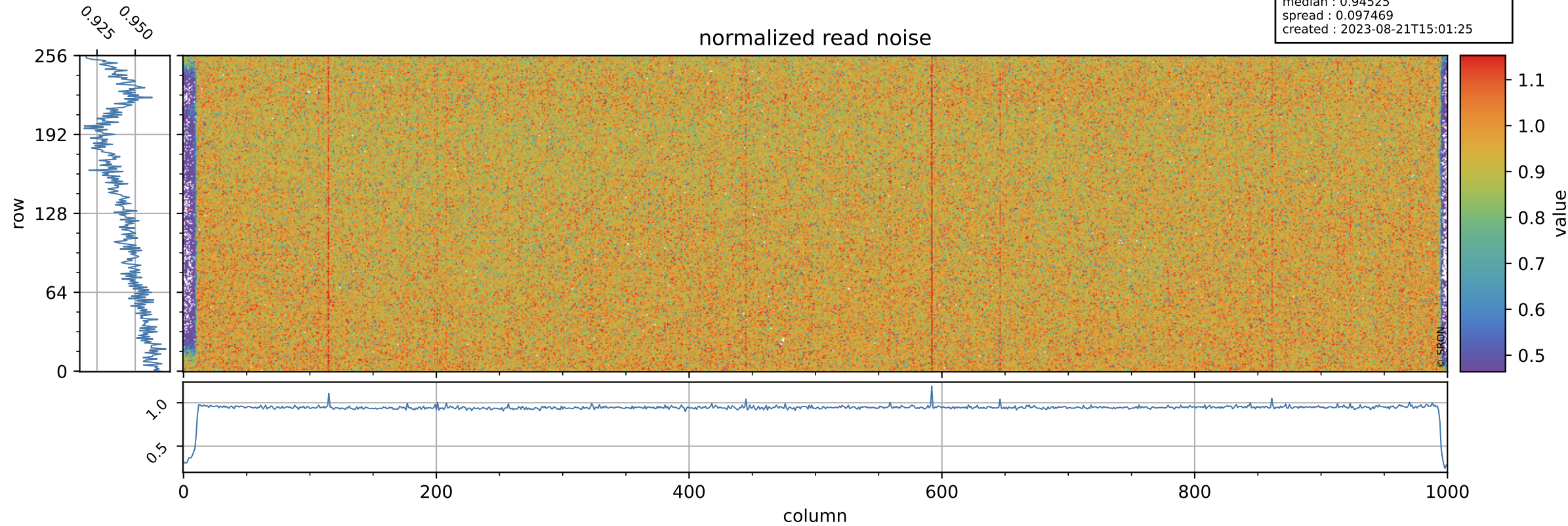
# Tropomi SWIR background noise (swir)

orbits : 12 in [8992, 9082]  
coverage : 2019-07-09 / 2019-07-15  
median : 1.1292 e  
spread : 0.063704 e  
created : 2023-08-21T15:01:24



# Tropomi SWIR background noise (swir)

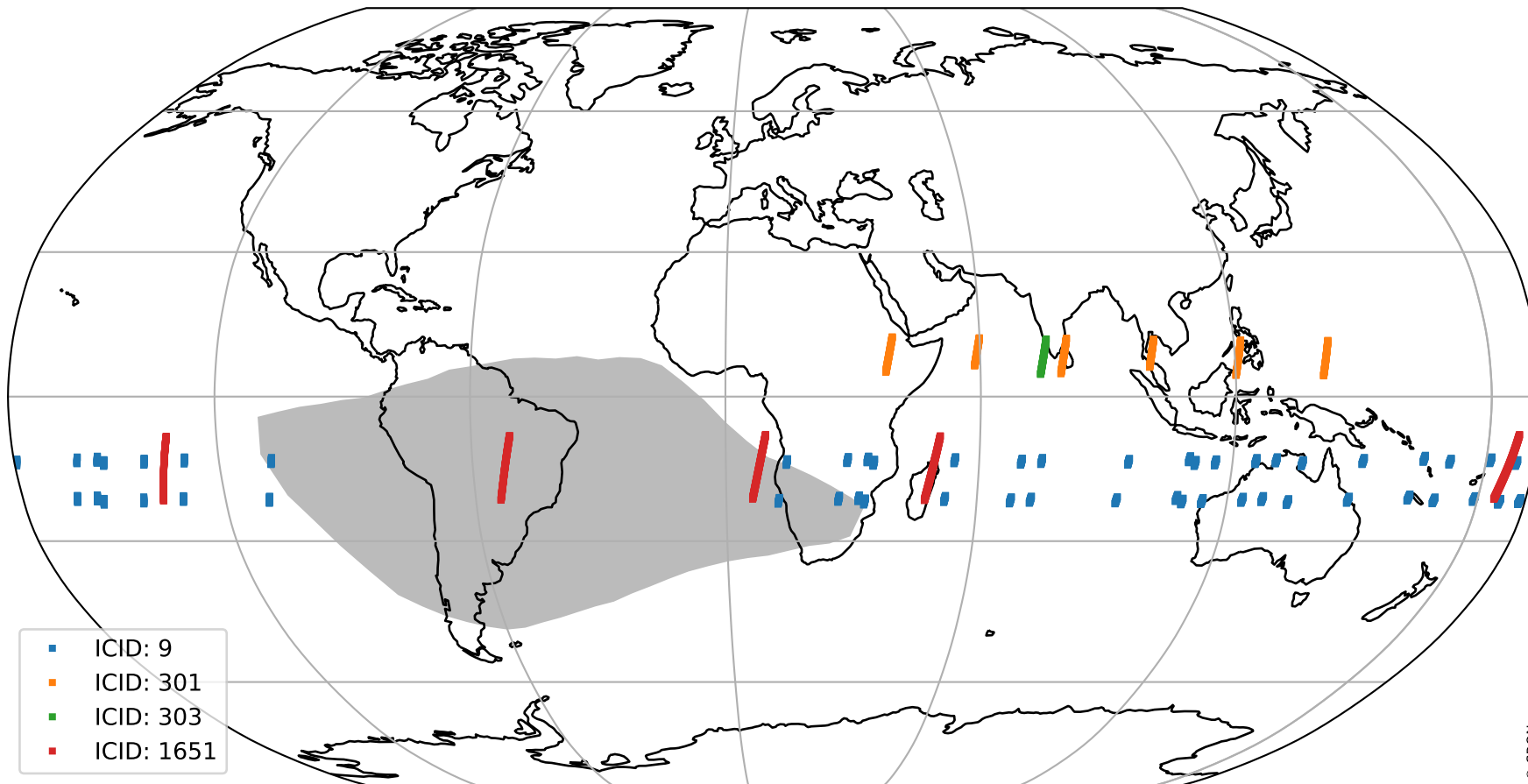
orbits : 12 in [8992, 9082]  
coverage : 2019-07-09 / 2019-07-15  
median : 0.94525  
spread : 0.097469  
created : 2023-08-21T15:01:25





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

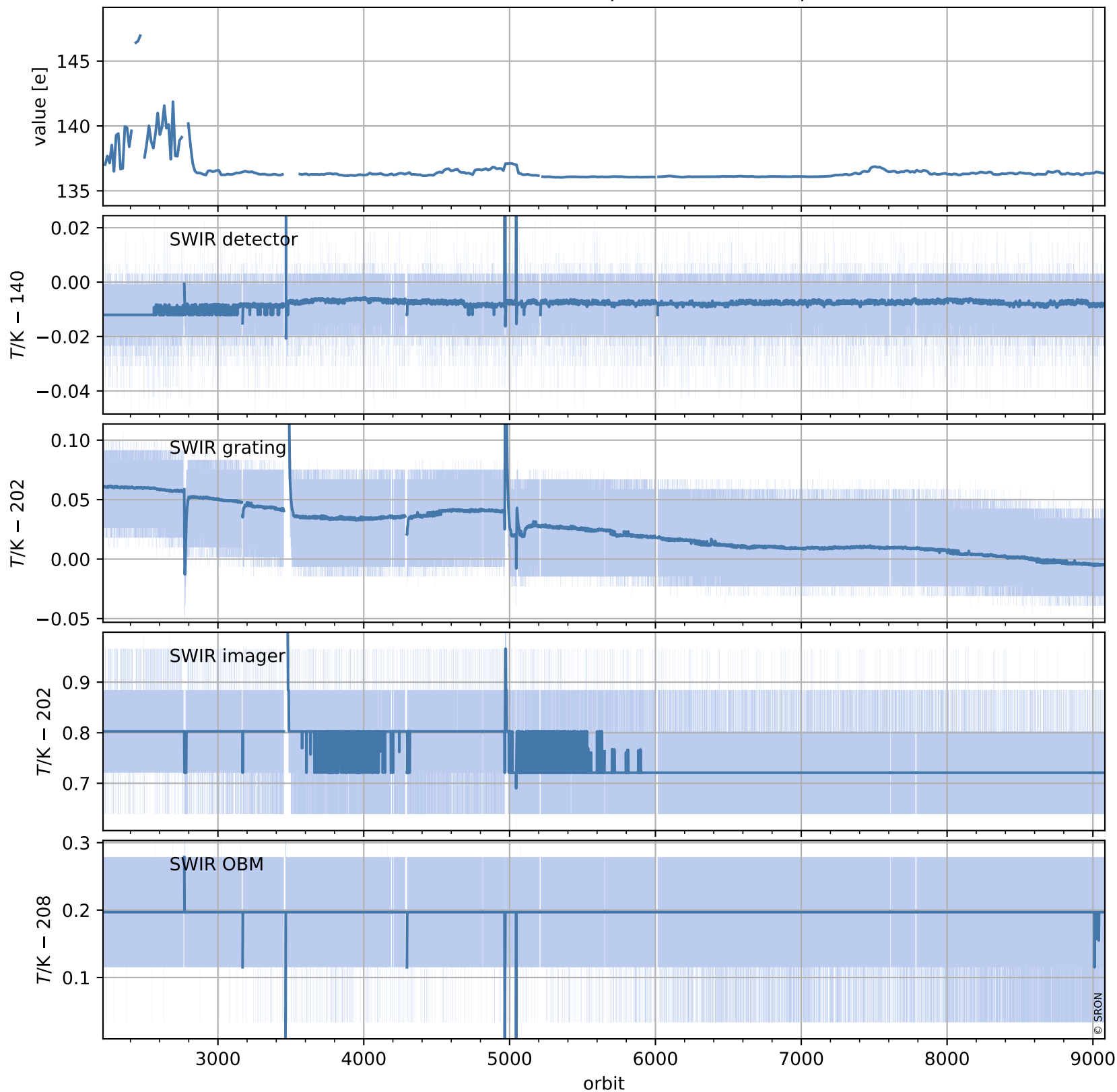
orbits : 12 in [8992, 9082]  
coverage : 2019-07-09 / 2019-07-15  
created : 2023-08-21T15:01:25



# Tropomi SWIR background noise (swir)

orbits : [2212, 9082]  
coverage : 2018-03-18 / 2019-07-15  
created : 2023-08-21T15:01:26

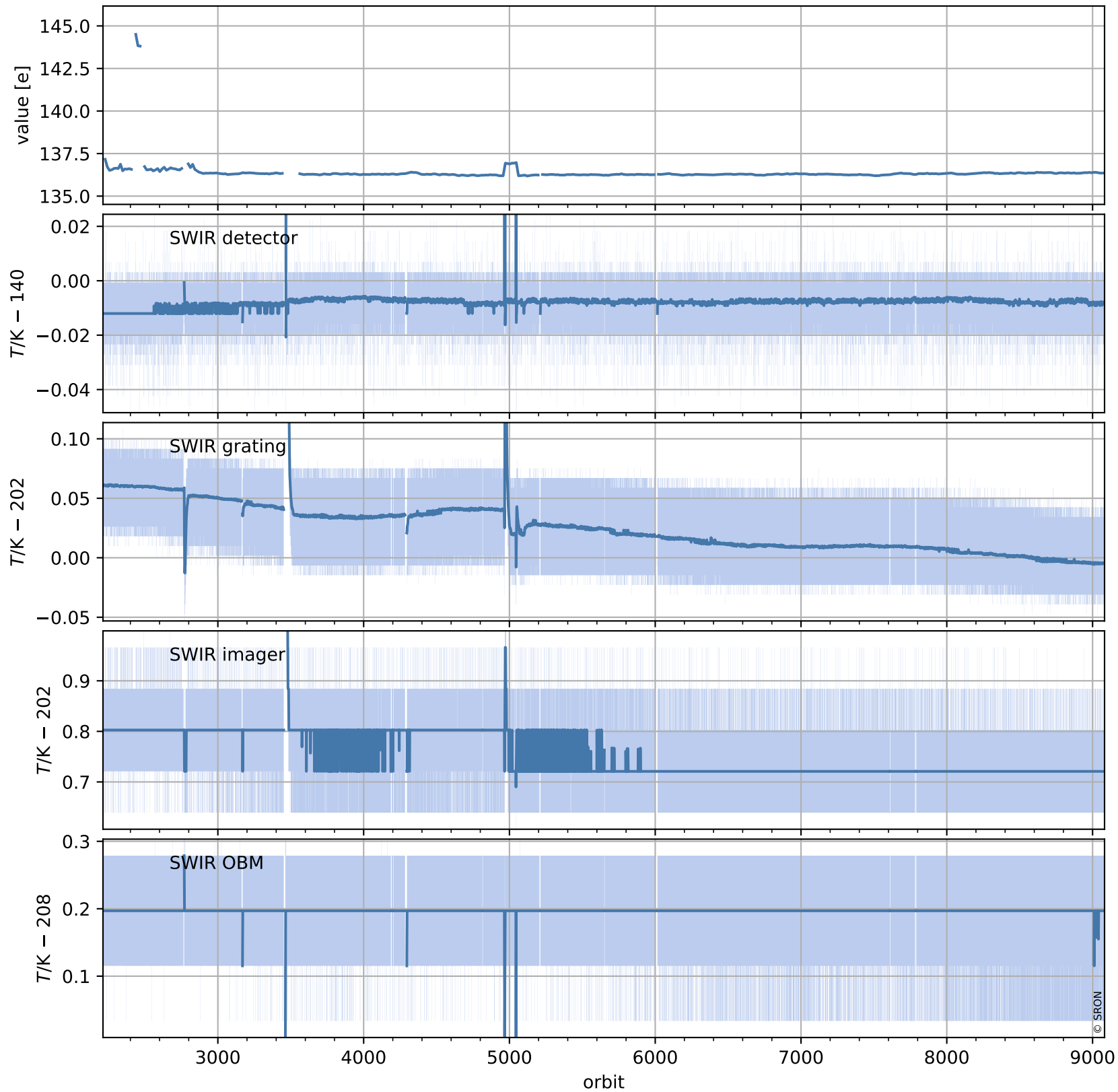
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9082]  
coverage : 2018-03-18 / 2019-07-15  
created : 2023-08-21T15:01:27

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9082]  
coverage : 2018-03-18 / 2019-07-15  
created : 2023-08-21T15:01:27

## trend of normalized read-noise & temperatures

