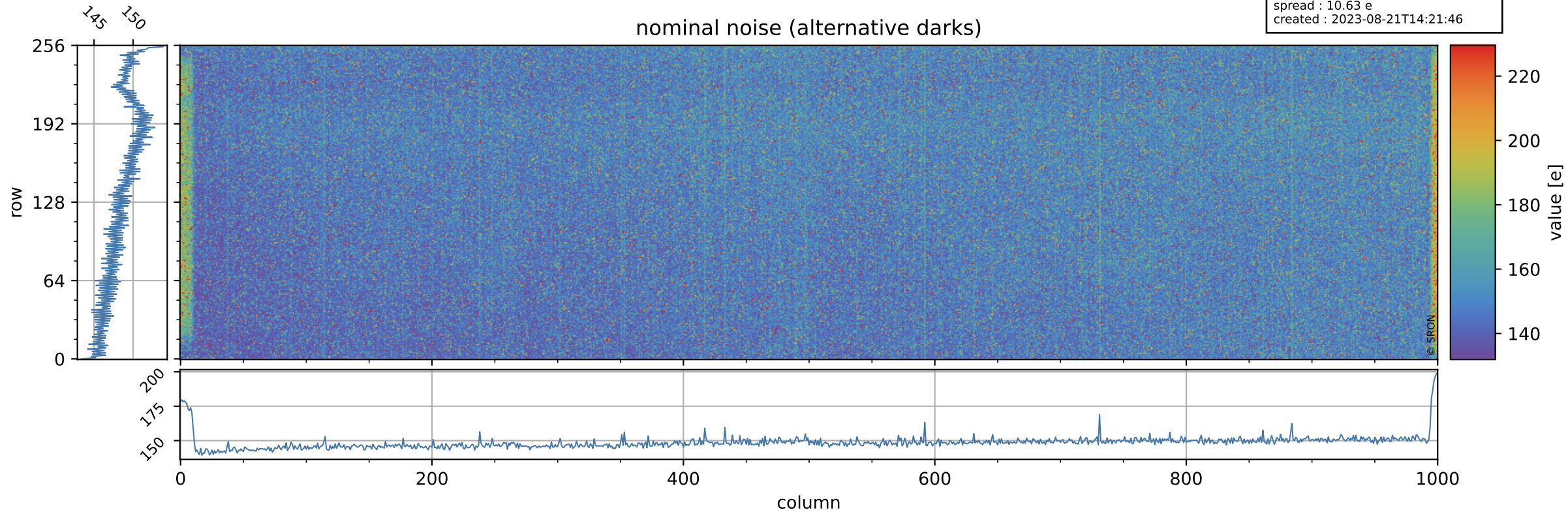


# Tropomi SWIR background noise (swir)

orbits : 12 in [3307, 3397]  
coverage : 2018-06-03 / 2018-06-09  
n\_coad, t\_exp : 1, 1.0783  
median : 148.41 e  
spread : 10.63 e  
created : 2023-08-21T14:21:46

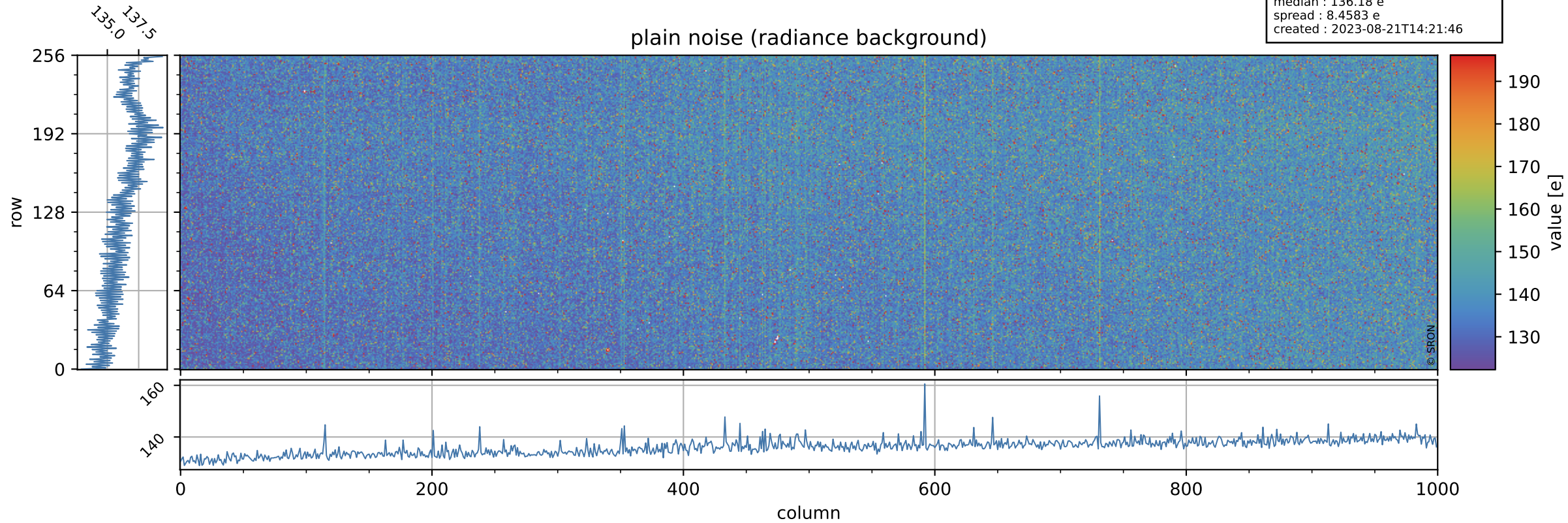
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3307, 3397]  
coverage : 2018-06-03 / 2018-06-09  
n\_coad, t\_exp : 2, 0.5383  
median : 136.18 e  
spread : 8.4583 e  
created : 2023-08-21T14:21:46

## plain noise (radiance background)

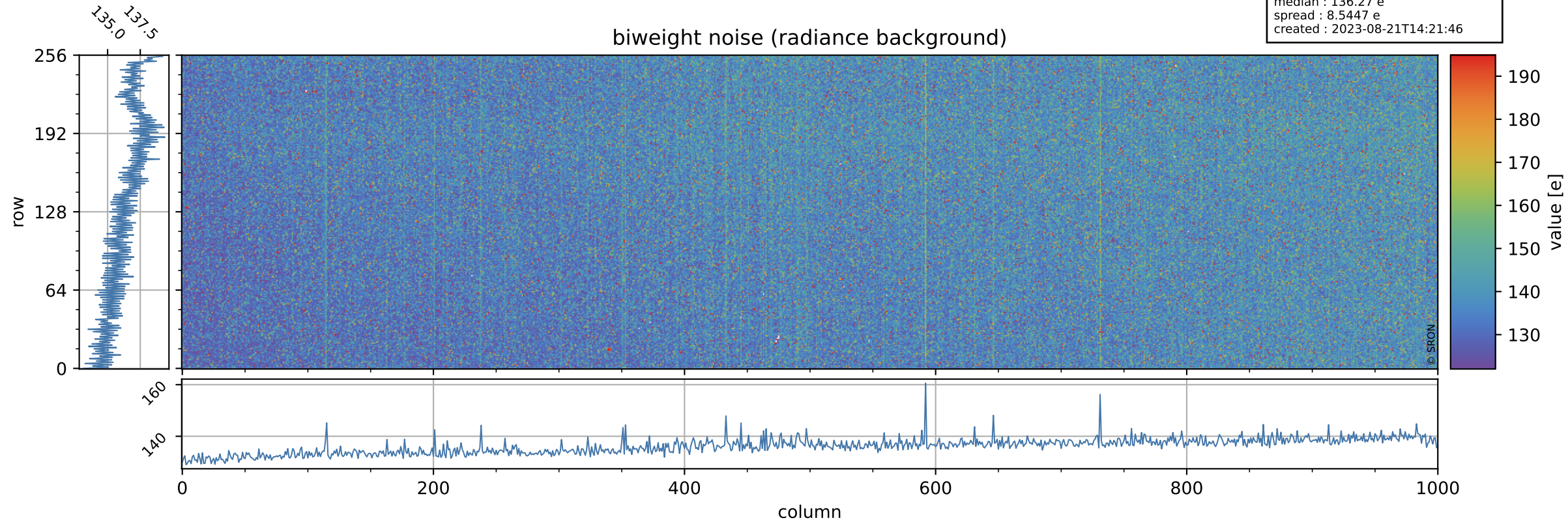




# Tropomi SWIR background noise (swir)

orbits : 12 in [3307, 3397]  
coverage : 2018-06-03 / 2018-06-09  
n\_coad, t\_exp : 2, 0.5383  
median : 136.27 e  
spread : 8.5447 e  
created : 2023-08-21T14:21:46

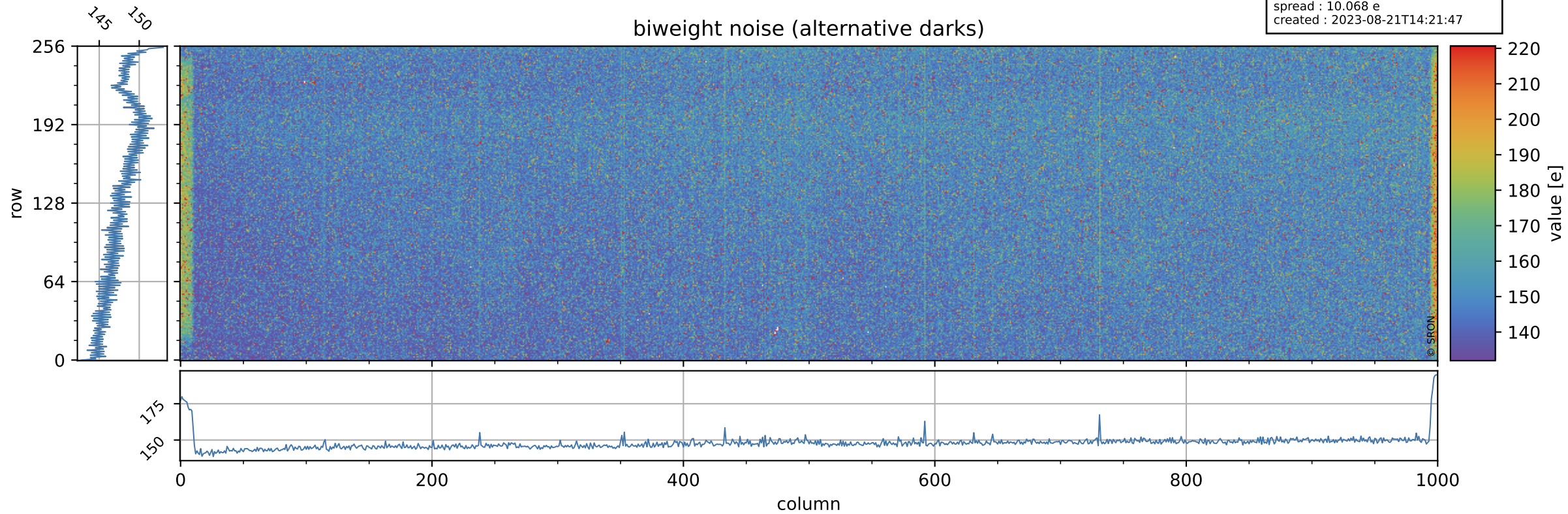
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3307, 3397]  
coverage : 2018-06-03 / 2018-06-09  
n\_coad, t\_exp : 1, 1.0783  
median : 147.61 e  
spread : 10.068 e  
created : 2023-08-21T14:21:47

## biweight noise (alternative darks)

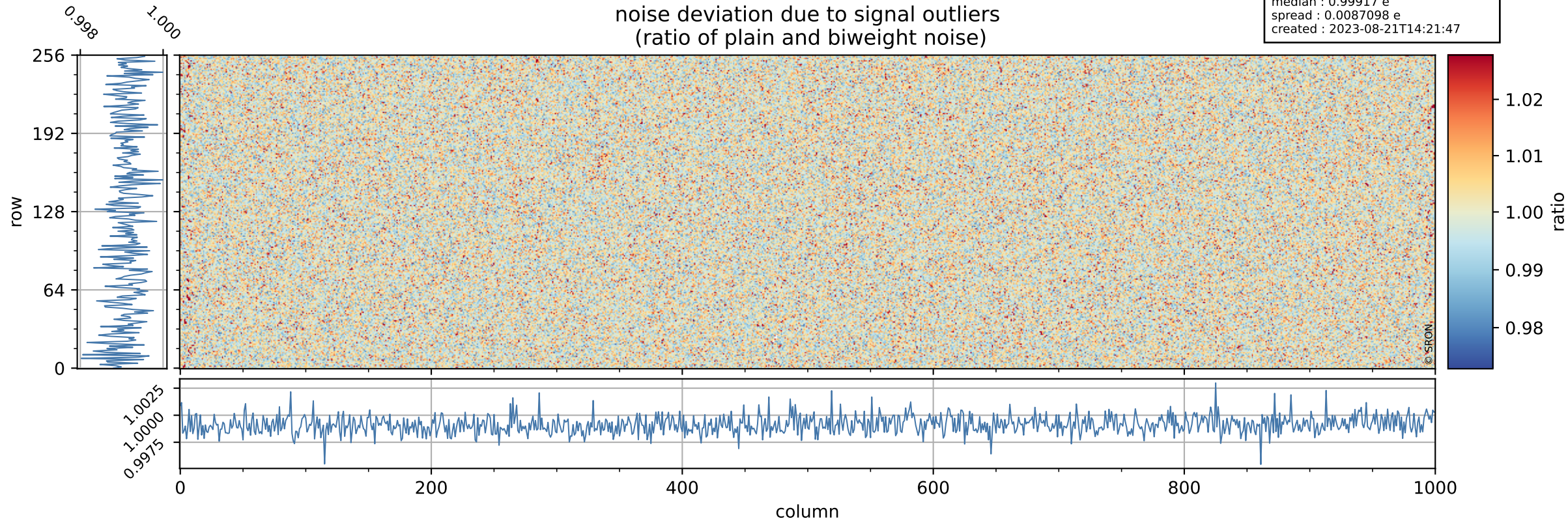




# Tropomi SWIR background noise (swir)

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

orbits : 12 in [3307, 3397]  
coverage : 2018-06-03 / 2018-06-09  
median : 0.99917 e  
spread : 0.0087098 e  
created : 2023-08-21T14:21:47

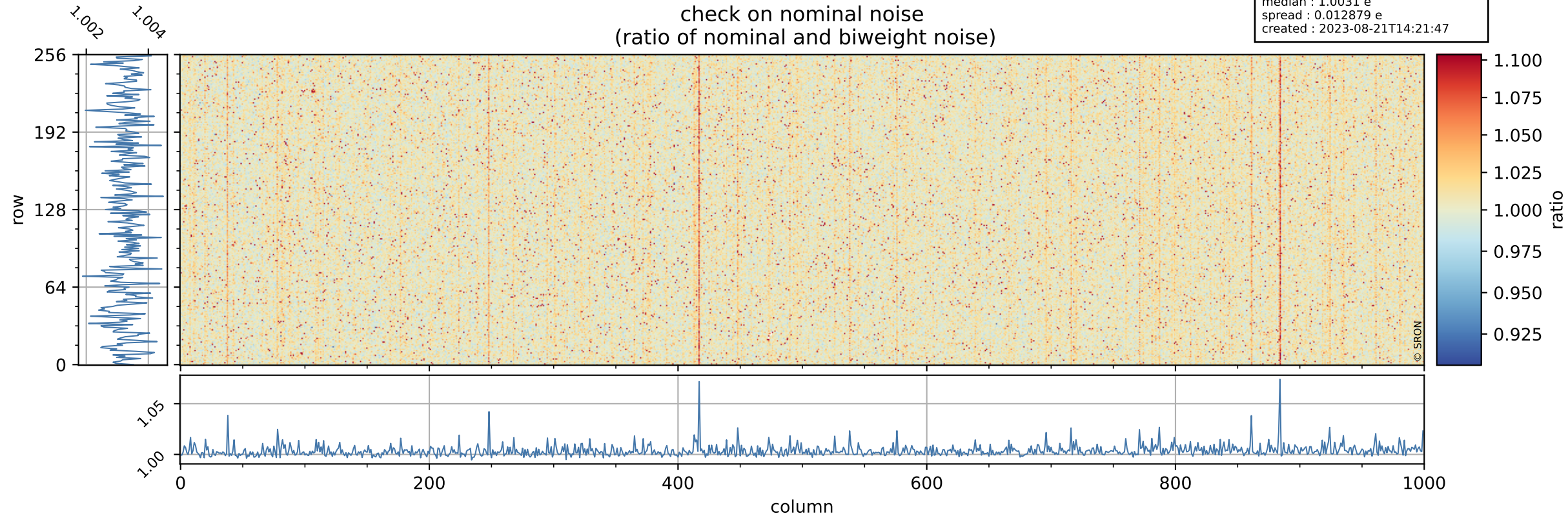




# Tropomi SWIR background noise (swir)

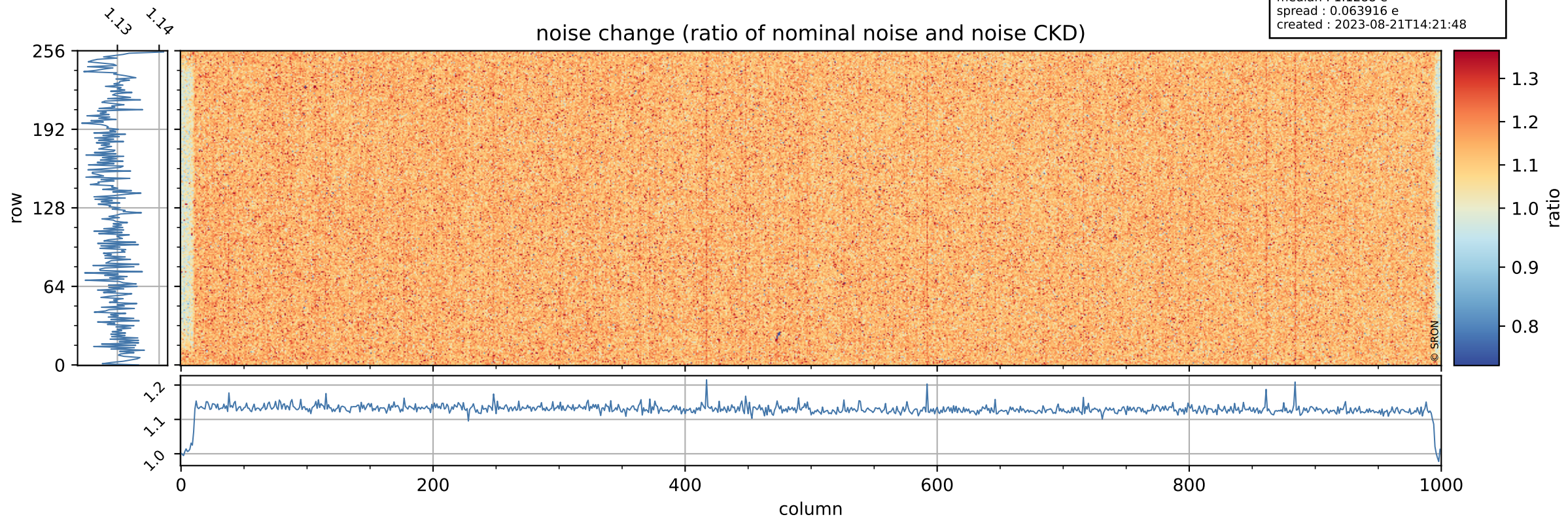
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [3307, 3397]  
coverage : 2018-06-03 / 2018-06-09  
median : 1.0031 e  
spread : 0.012879 e  
created : 2023-08-21T14:21:47



# Tropomi SWIR background noise (swir)

orbits : 12 in [3307, 3397]  
coverage : 2018-06-03 / 2018-06-09  
median : 1.1288 e  
spread : 0.063916 e  
created : 2023-08-21T14:21:48

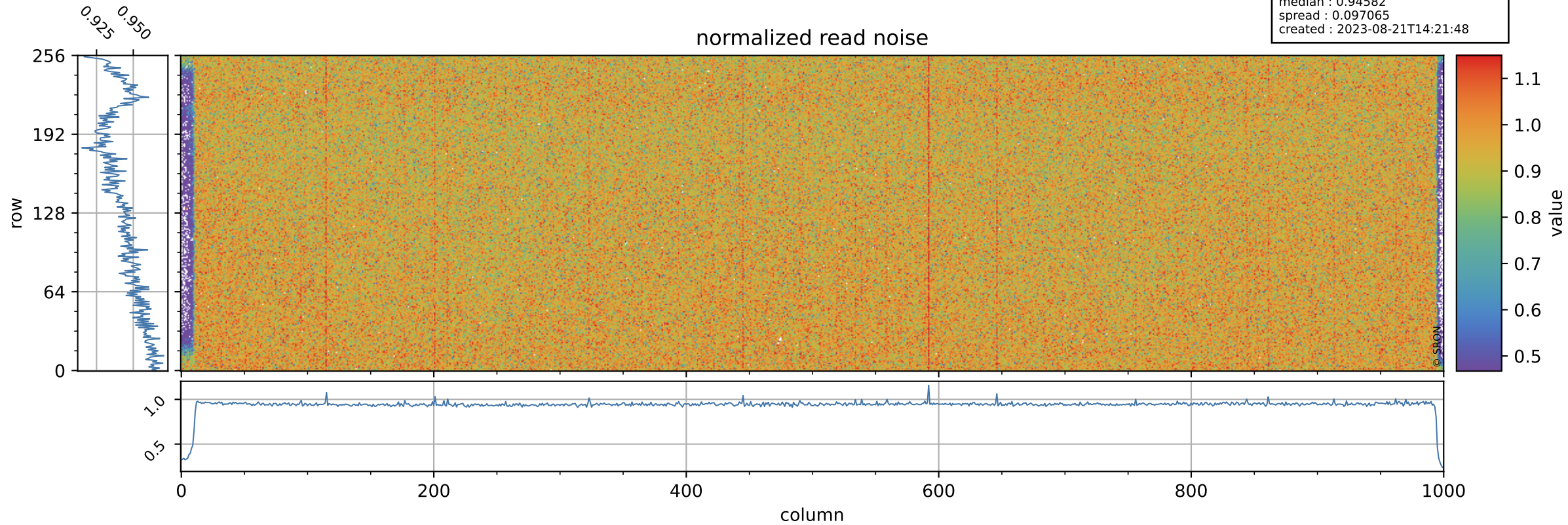




# Tropomi SWIR background noise (swir)

orbits : 12 in [3307, 3397]  
coverage : 2018-06-03 / 2018-06-09  
median : 0.94582  
spread : 0.097065  
created : 2023-08-21T14:21:48

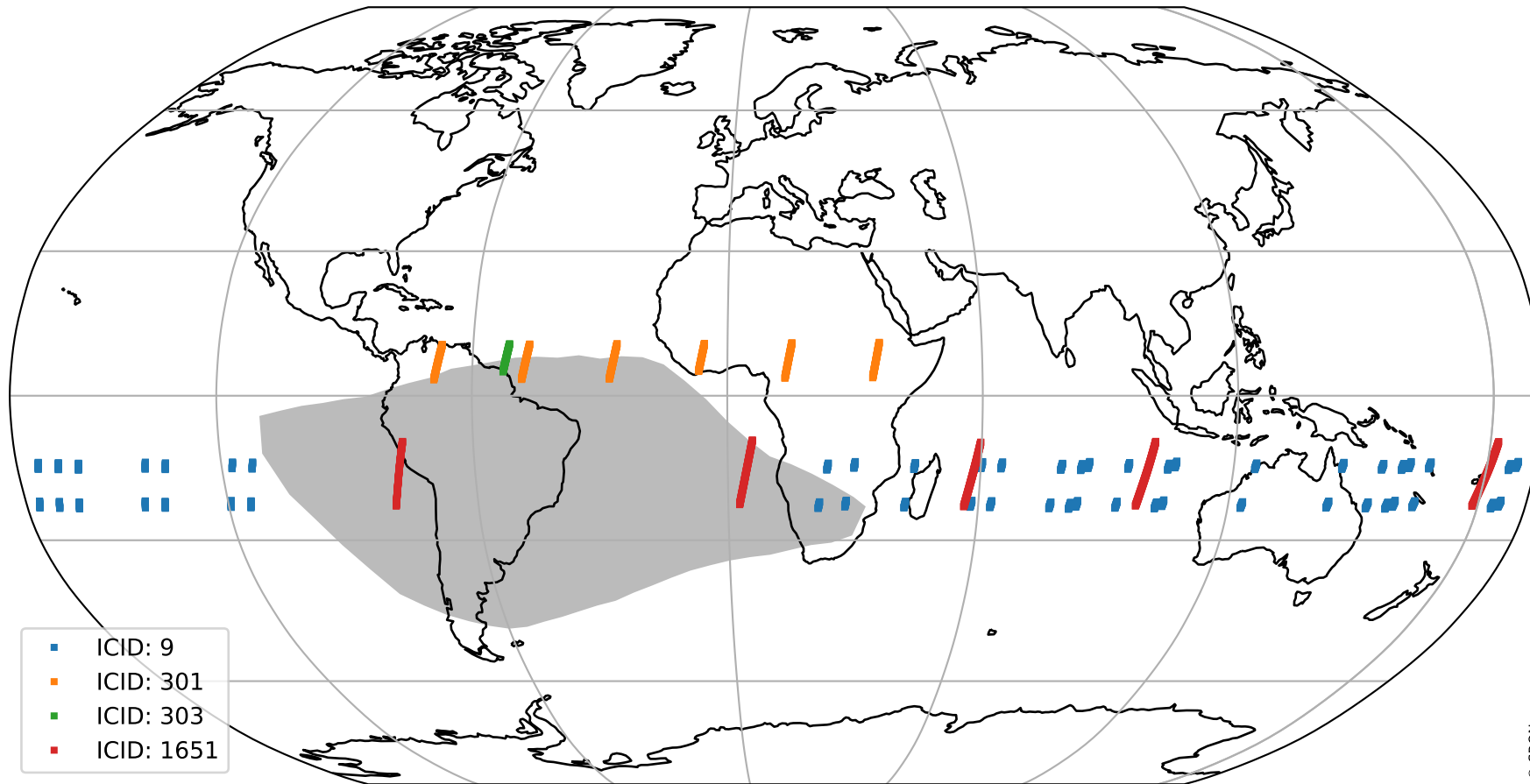
## normalized read noise





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

orbits : 12 in [3307, 3397]  
coverage : 2018-06-03 / 2018-06-09  
created : 2023-08-21T14:21:48

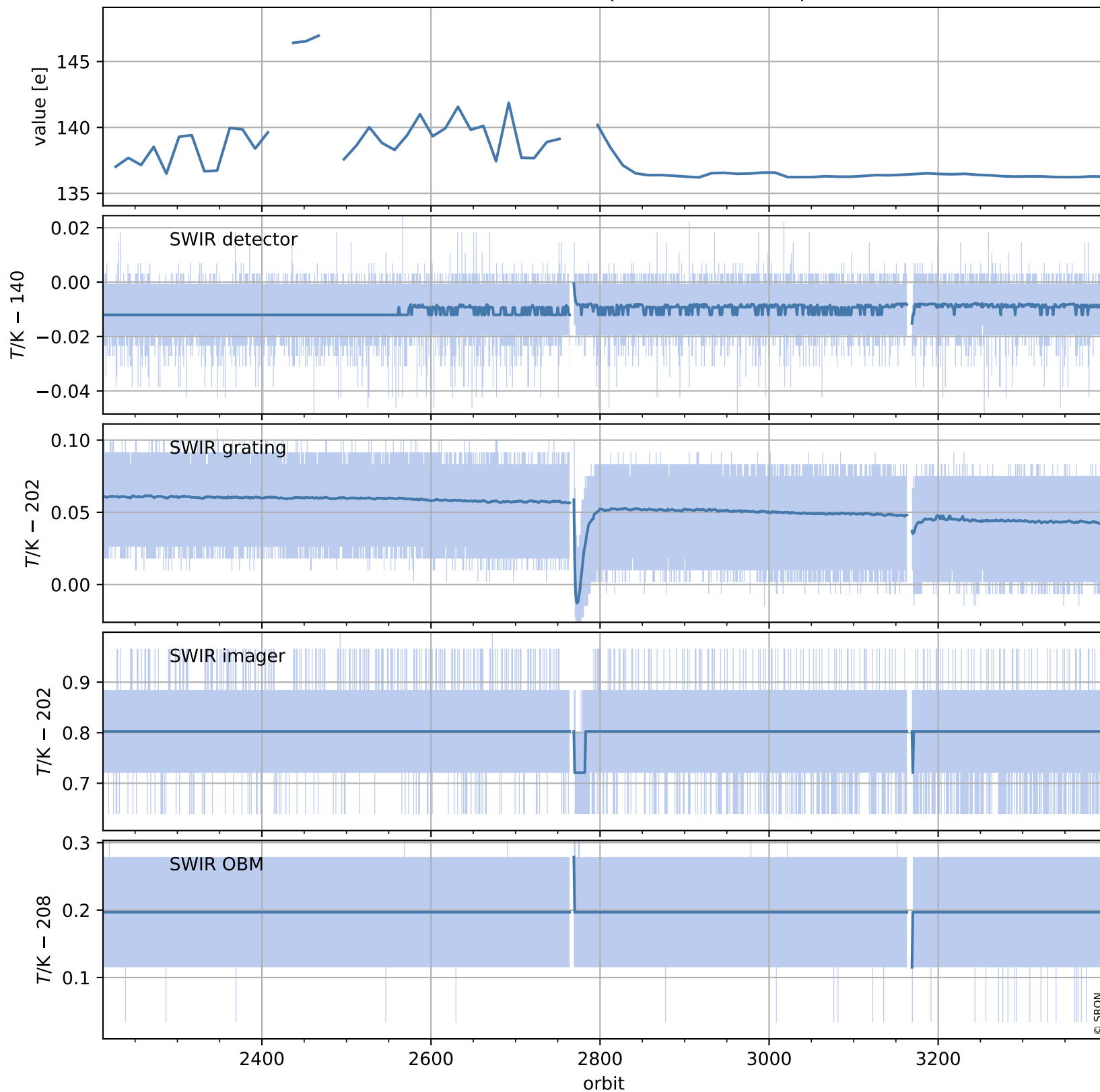




# Tropomi SWIR background noise (swir)

orbits : [2212, 3397]  
coverage : 2018-03-18 / 2018-06-09  
created : 2023-08-21T14:21:49

## trend of detector median of plain noise & temperatures

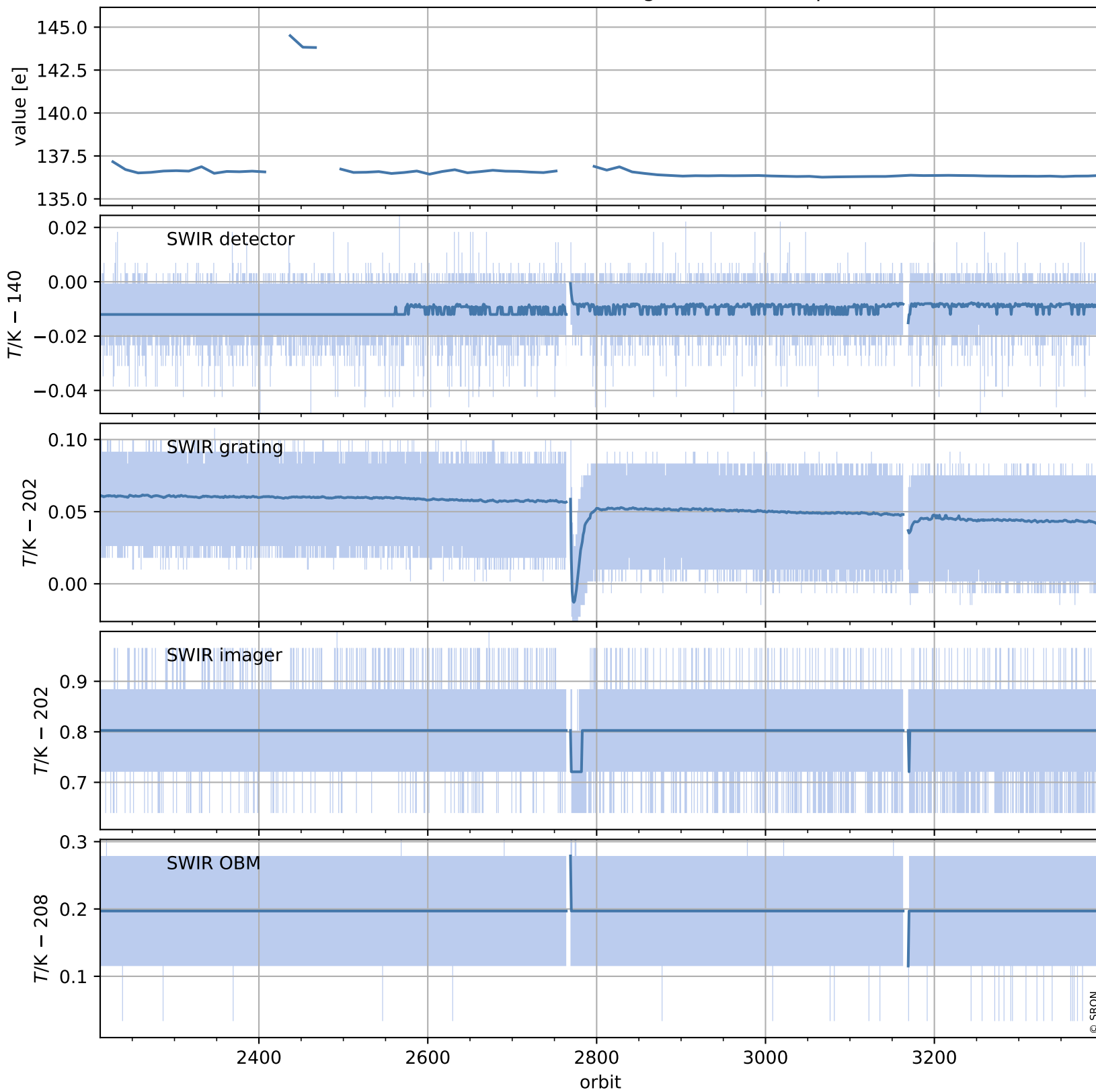




# Tropomi SWIR background noise (swir)

orbits : [2212, 3397]  
coverage : 2018-03-18 / 2018-06-09  
created : 2023-08-21T14:21:49

## trend of detector median of biweight noise & temperatures





# Tropomi SWIR background noise (swir)

orbits : [2212, 3397]  
coverage : 2018-03-18 / 2018-06-09  
created : 2023-08-21T14:21:49

## trend of normalized read-noise & temperatures

