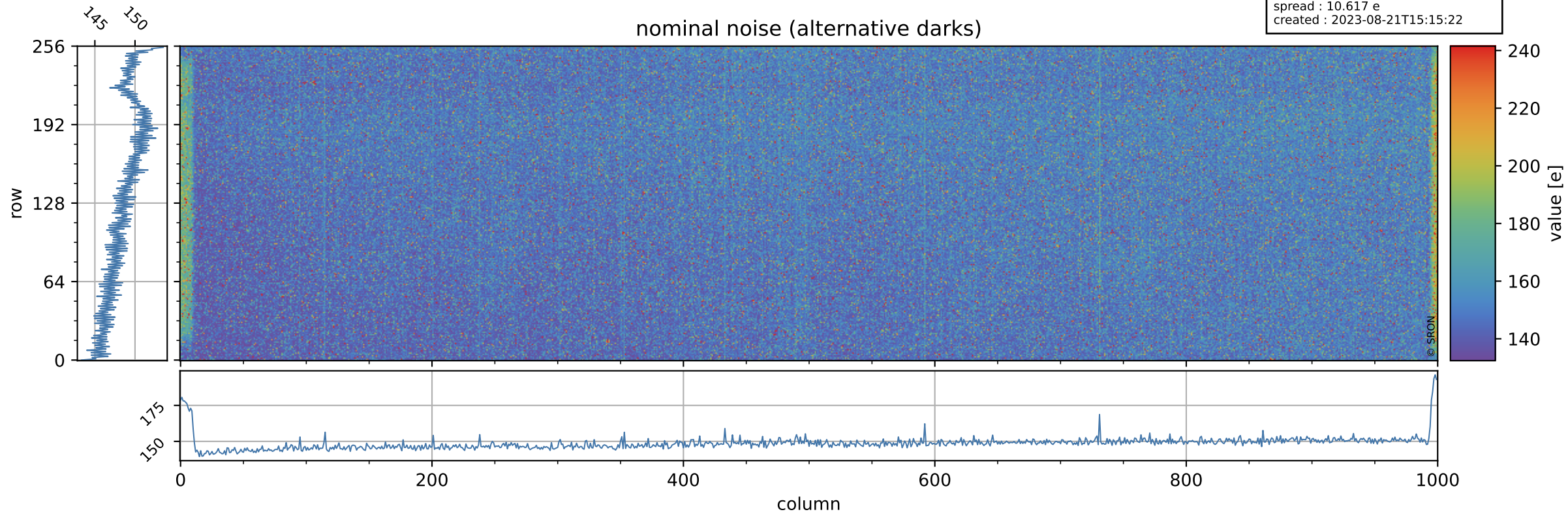


# Tropomi SWIR background noise (swir)

orbits : 11 in [10762, 10852]  
coverage : 2019-11-11 / 2019-11-17  
n\_coad, t\_exp : 1, 1.0783  
median : 148.51 e  
spread : 10.617 e  
created : 2023-08-21T15:15:22

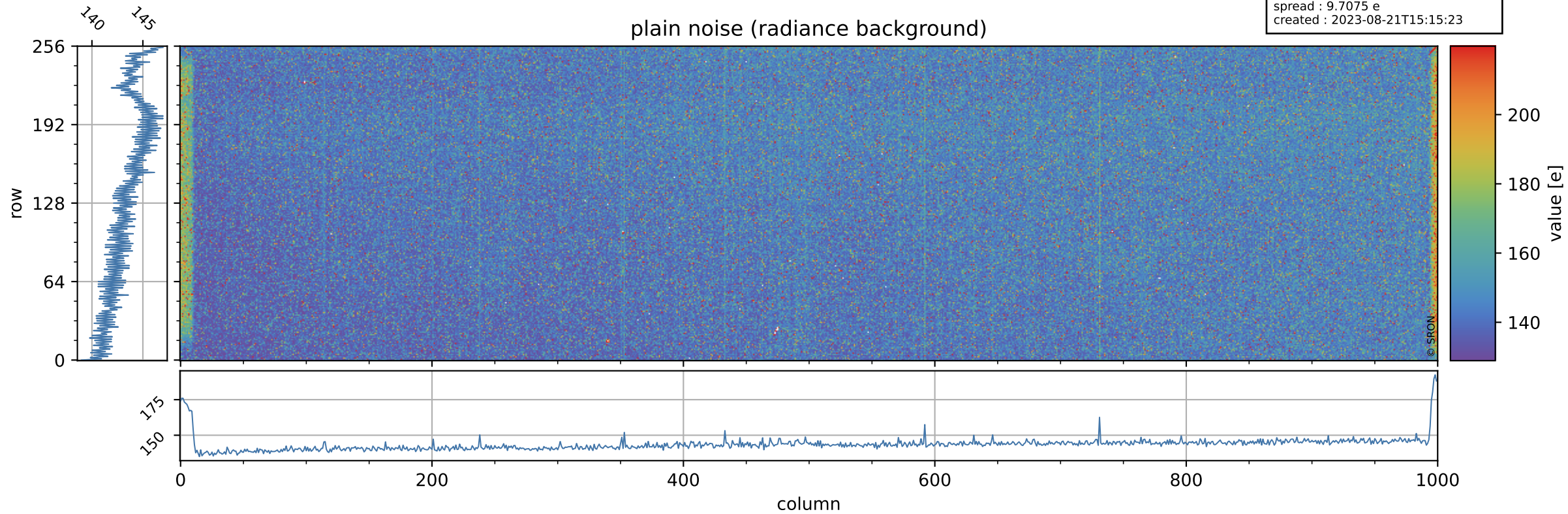
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 11 in [10762, 10852]  
coverage : 2019-11-11 / 2019-11-17  
n\_coad, t\_exp : 1, 0.8383  
median : 143.31 e  
spread : 9.7075 e  
created : 2023-08-21T15:15:23

plain noise (radiance background)

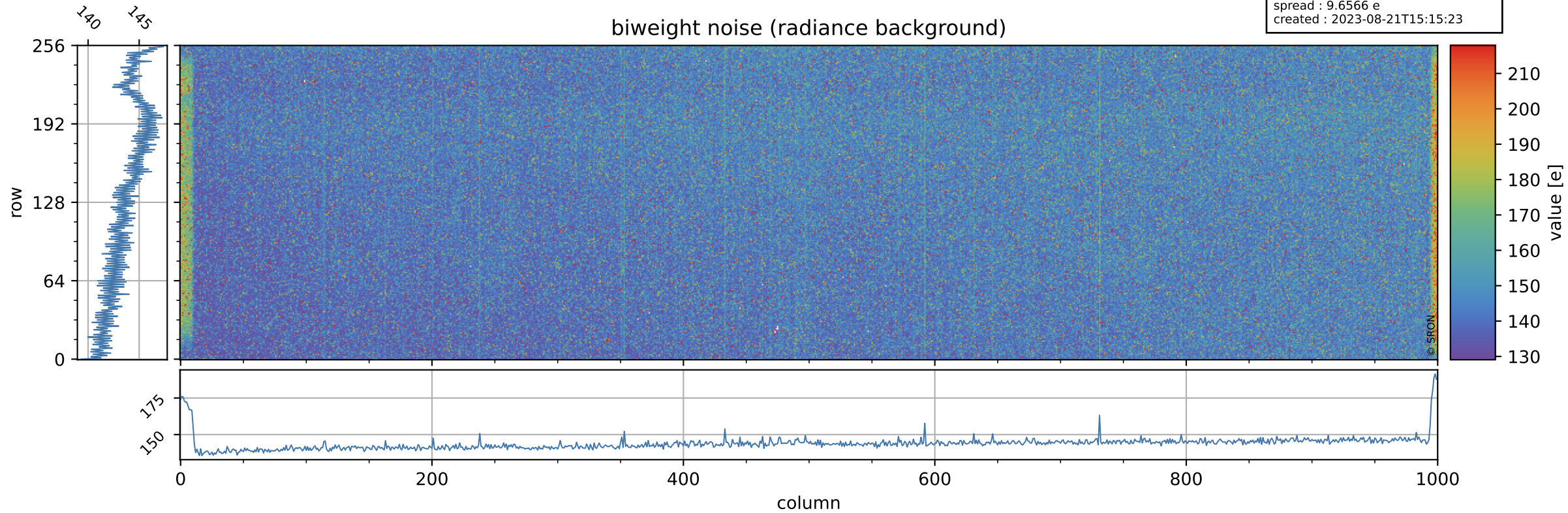




# Tropomi SWIR background noise (swir)

orbits : 11 in [10762, 10852]  
coverage : 2019-11-11 / 2019-11-17  
n\_coad, t\_exp : 1, 0.8383  
median : 143.64 e  
spread : 9.6566 e  
created : 2023-08-21T15:15:23

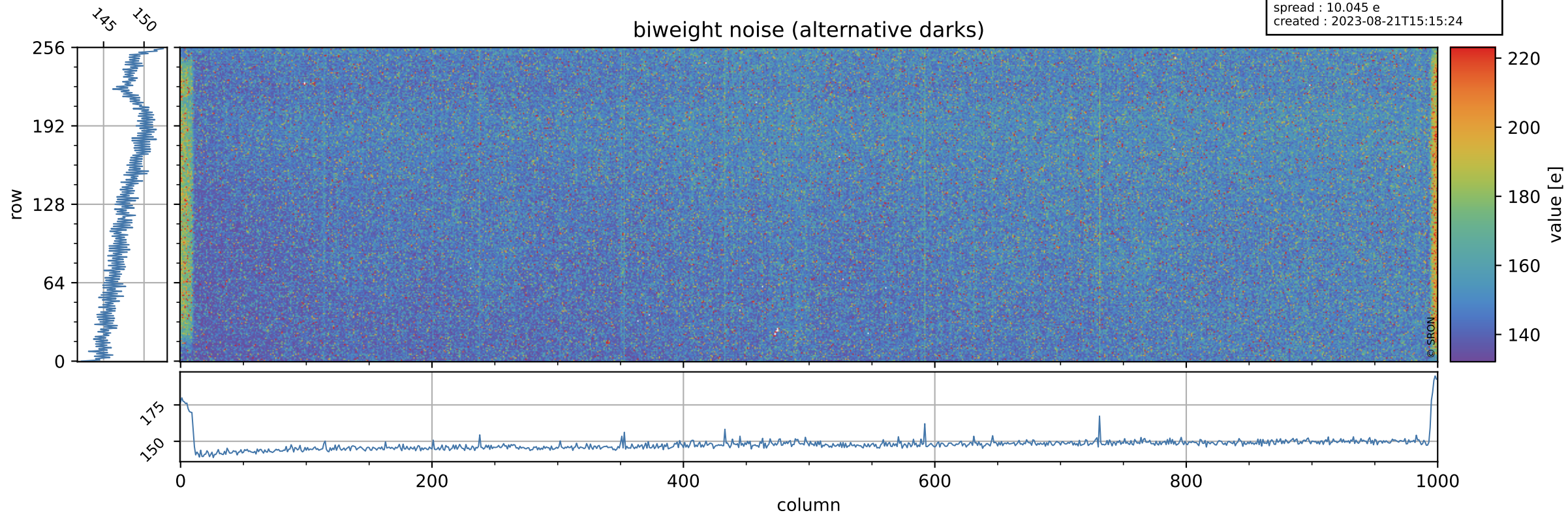
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [10762, 10852]  
coverage : 2019-11-11 / 2019-11-17  
n\_coad, t\_exp : 1, 1.0783  
median : 147.64 e  
spread : 10.045 e  
created : 2023-08-21T15:15:24

## biweight noise (alternative darks)

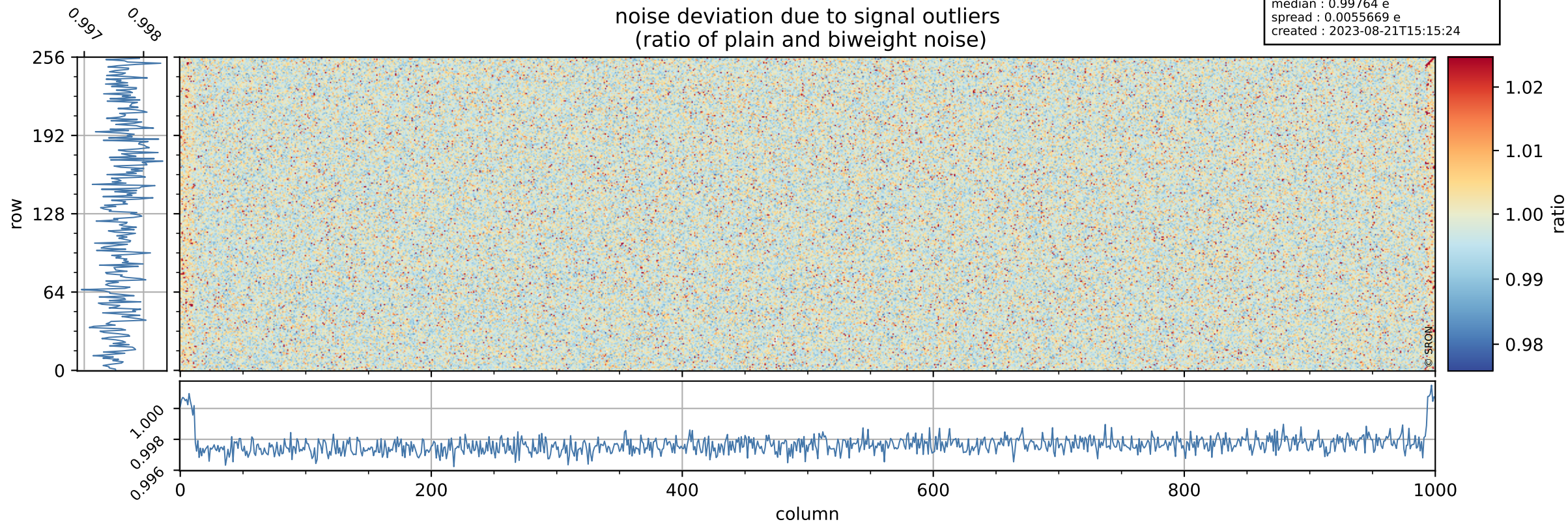




# Tropomi SWIR background noise (swir)

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

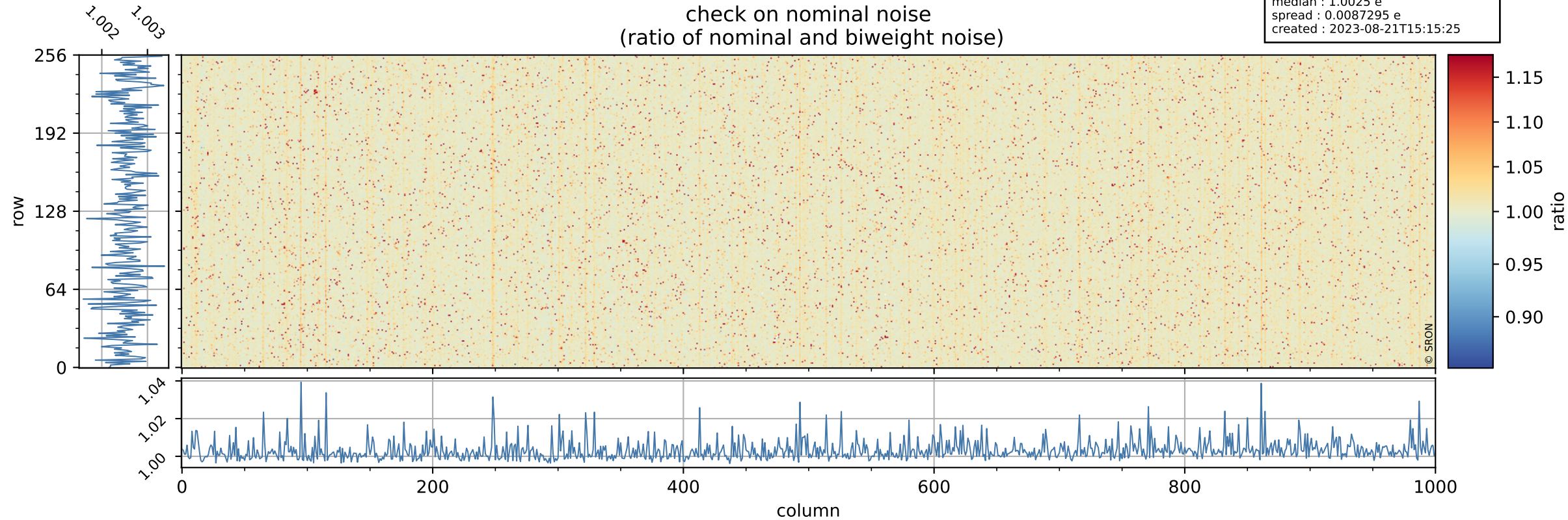
orbits : 11 in [10762, 10852]  
coverage : 2019-11-11 / 2019-11-17  
median : 0.99764 e  
spread : 0.0055669 e  
created : 2023-08-21T15:15:24



# Tropomi SWIR background noise (swir)

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

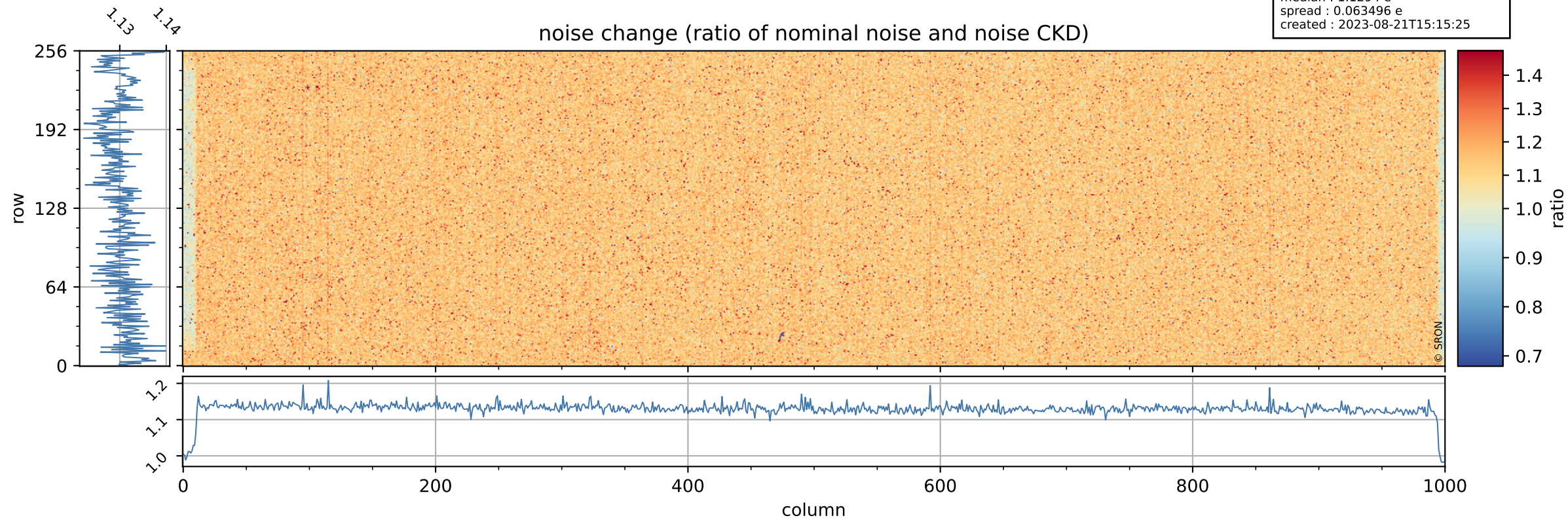
orbits : 11 in [10762, 10852]  
coverage : 2019-11-11 / 2019-11-17  
median : 1.0025 e  
spread : 0.0087295 e  
created : 2023-08-21T15:15:25





# Tropomi SWIR background noise (swir)

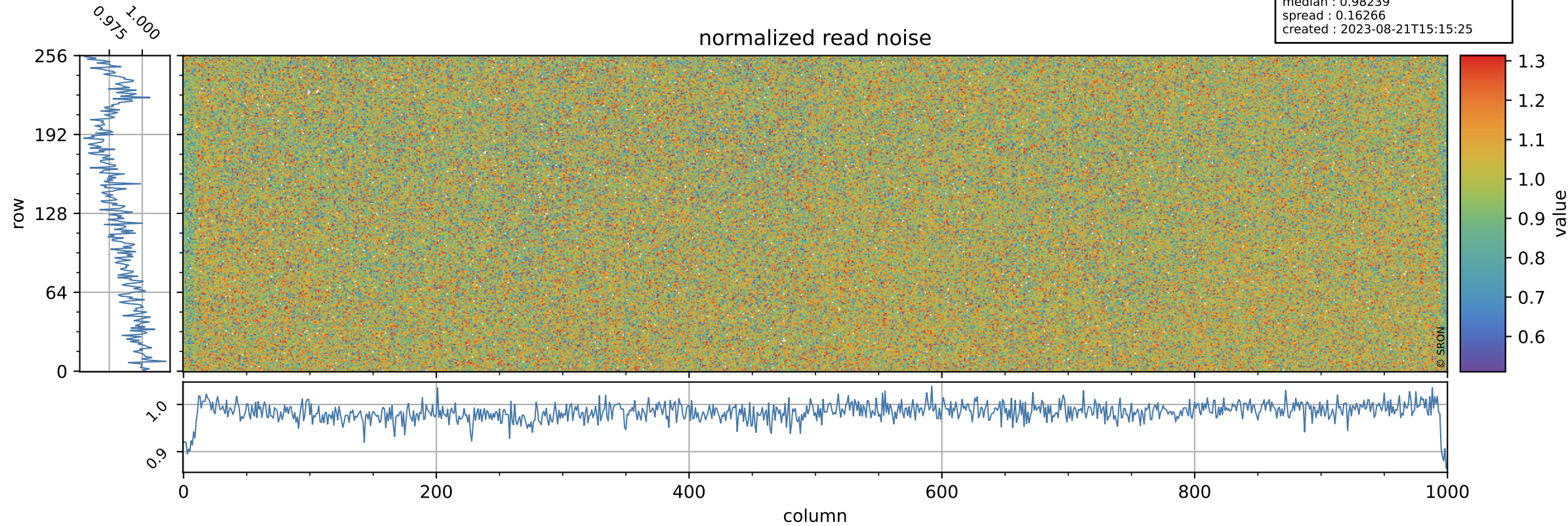
orbits : 11 in [10762, 10852]  
coverage : 2019-11-11 / 2019-11-17  
median : 1.1294 e  
spread : 0.063496 e  
created : 2023-08-21T15:15:25





# Tropomi SWIR background noise (swir)

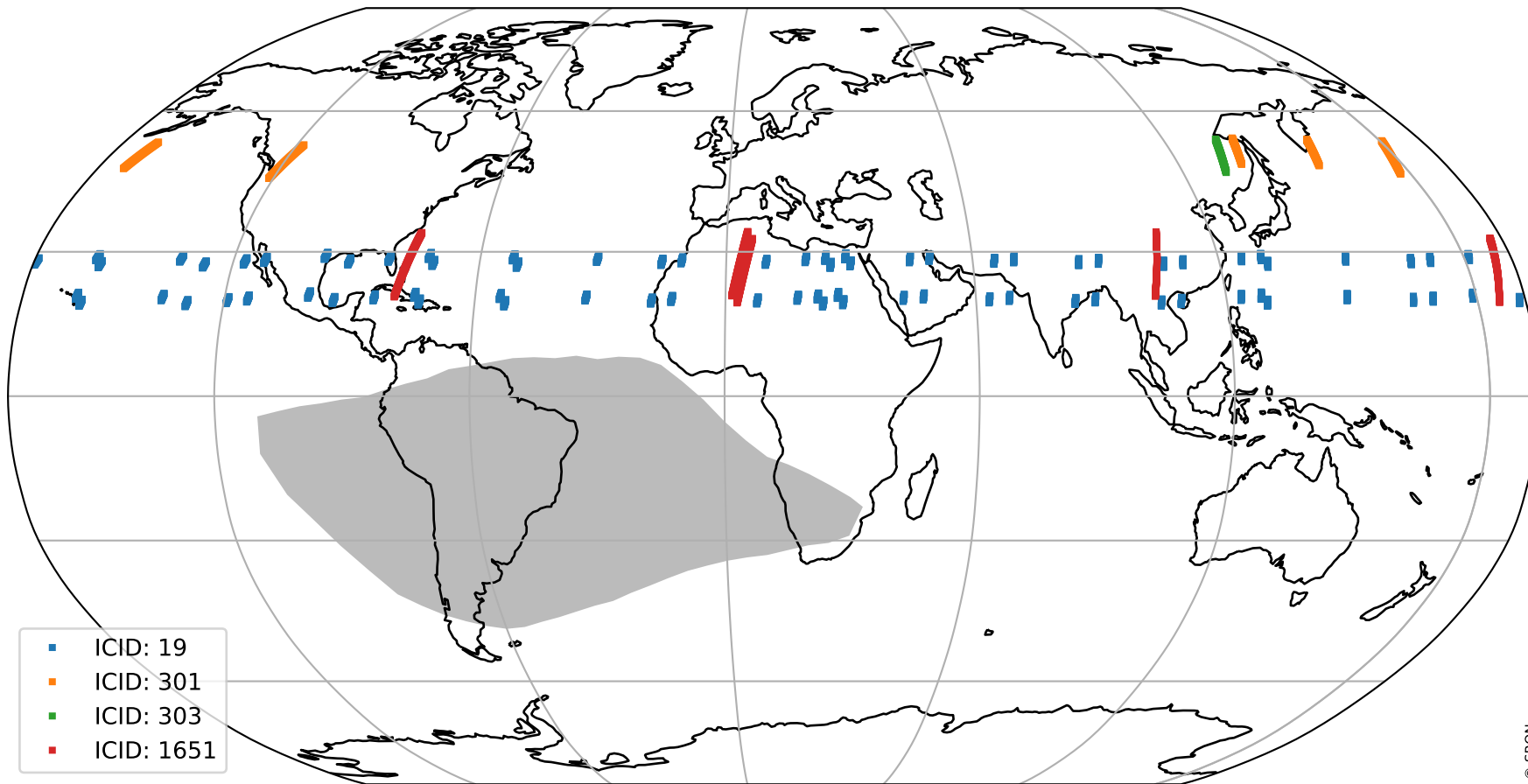
orbits : 11 in [10762, 10852]  
coverage : 2019-11-11 / 2019-11-17  
median : 0.98239  
spread : 0.16266  
created : 2023-08-21T15:15:25





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

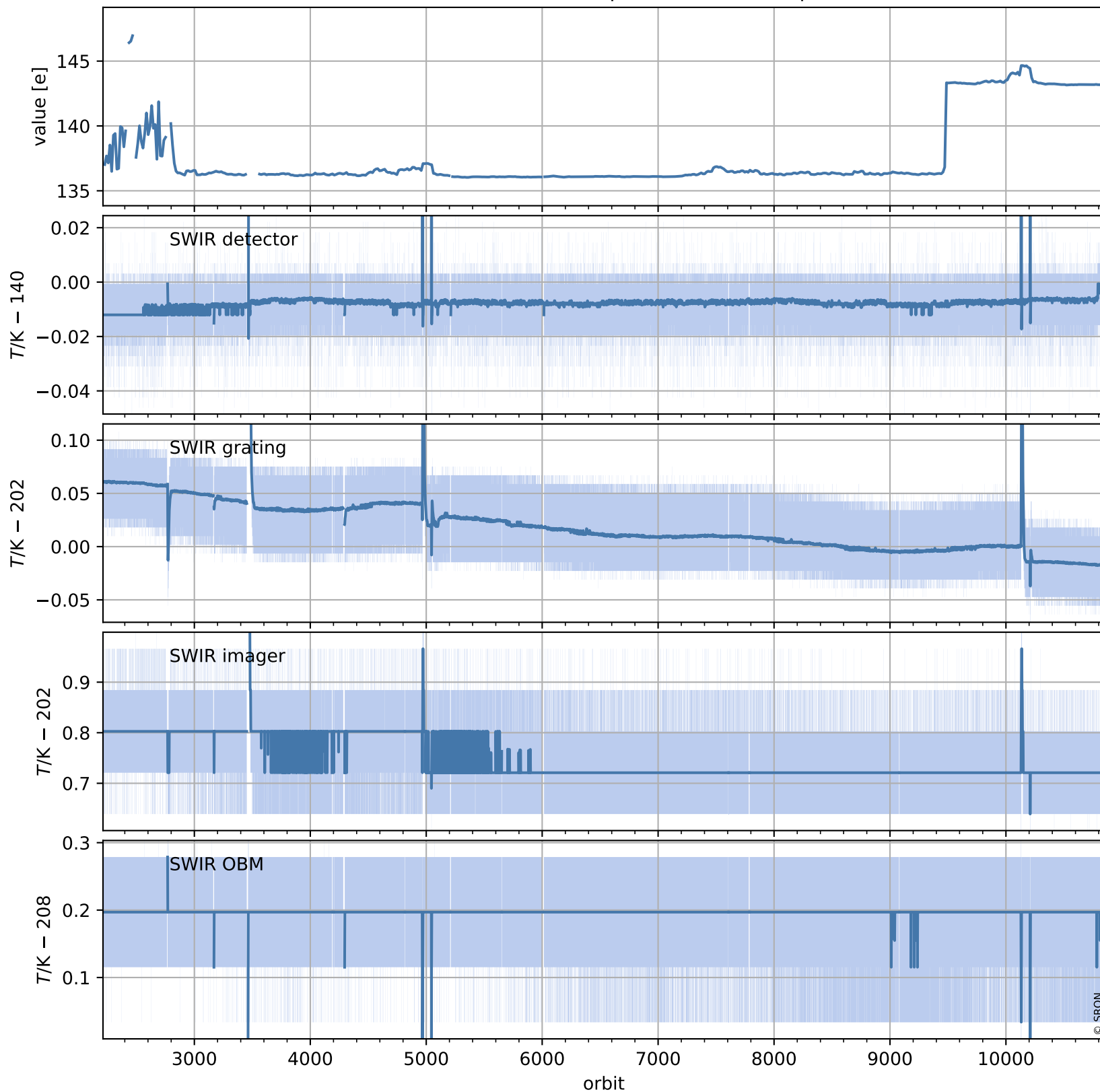
orbits : 11 in [10762, 10852]  
coverage : 2019-11-11 / 2019-11-17  
created : 2023-08-21T15:15:26



# Tropomi SWIR background noise (swir)

orbits : [2212, 10852]  
coverage : 2018-03-18 / 2019-11-17  
created : 2023-08-21T15:15:26

## trend of detector median of plain noise & temperatures

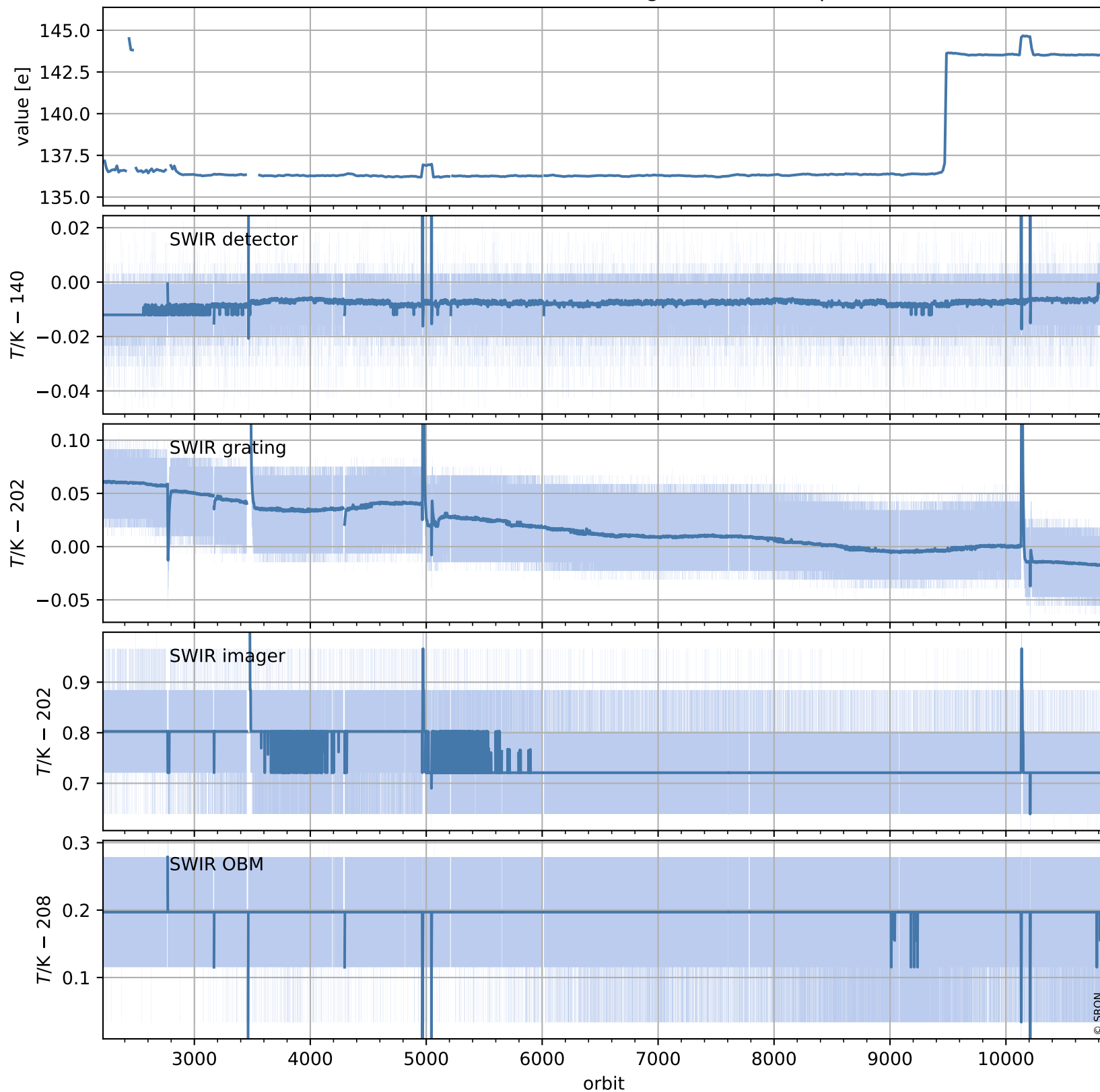




# Tropomi SWIR background noise (swir)

orbits : [2212, 10852]  
coverage : 2018-03-18 / 2019-11-17  
created : 2023-08-21T15:15:27

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10852]  
coverage : 2018-03-18 / 2019-11-17  
created : 2023-08-21T15:15:28

## trend of normalized read-noise & temperatures

