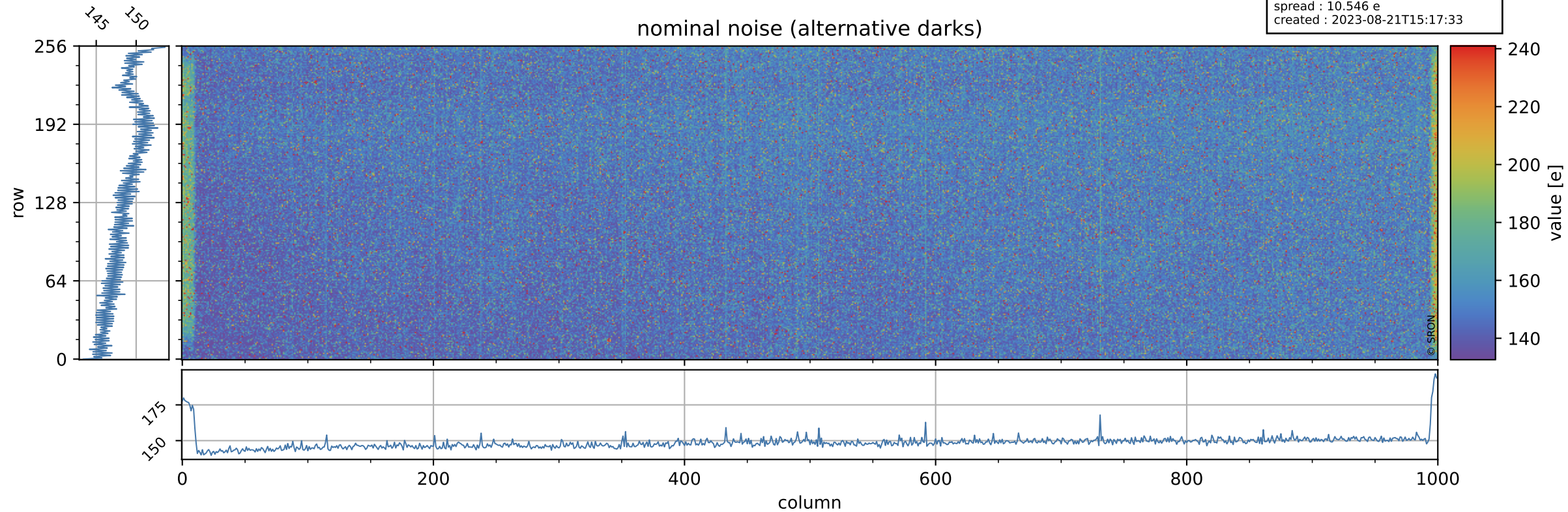


# Tropomi SWIR background noise (swir)

orbits : 13 in [11032, 11122]  
coverage : 2019-11-30 / 2019-12-06  
n\_coad, t\_exp : 1, 1.0783  
median : 148.49 e  
spread : 10.546 e  
created : 2023-08-21T15:17:33

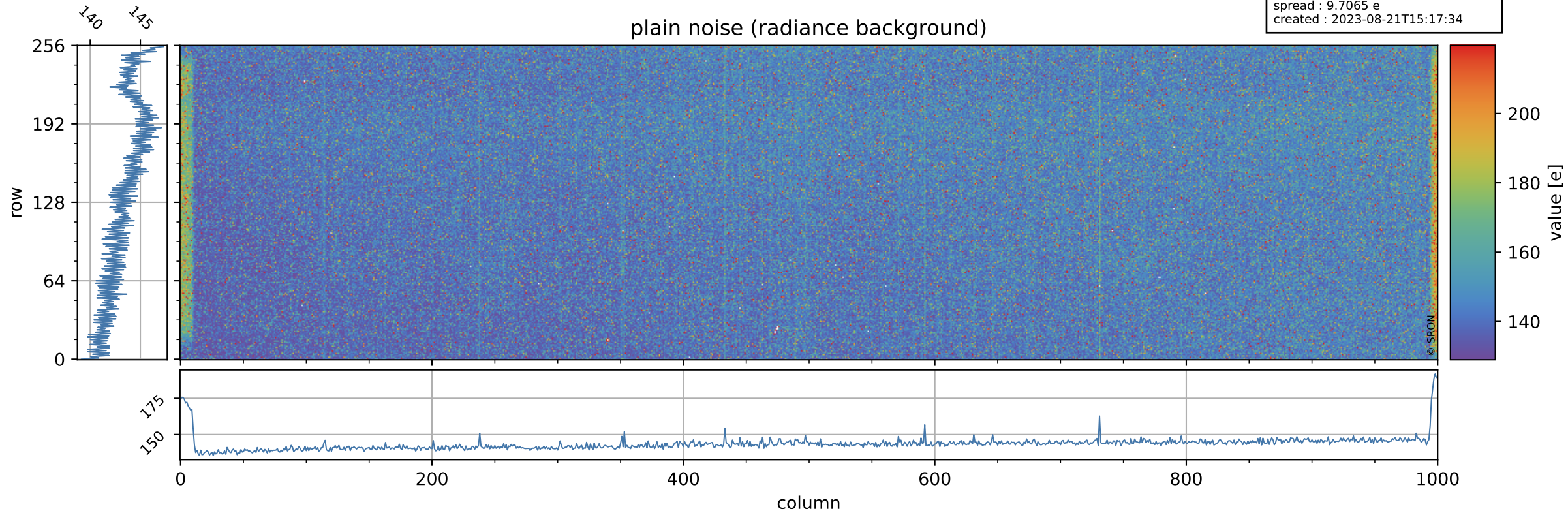
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [11032, 11122]  
coverage : 2019-11-30 / 2019-12-06  
n\_coad, t\_exp : 1, 0.8383  
median : 143.33 e  
spread : 9.7065 e  
created : 2023-08-21T15:17:34

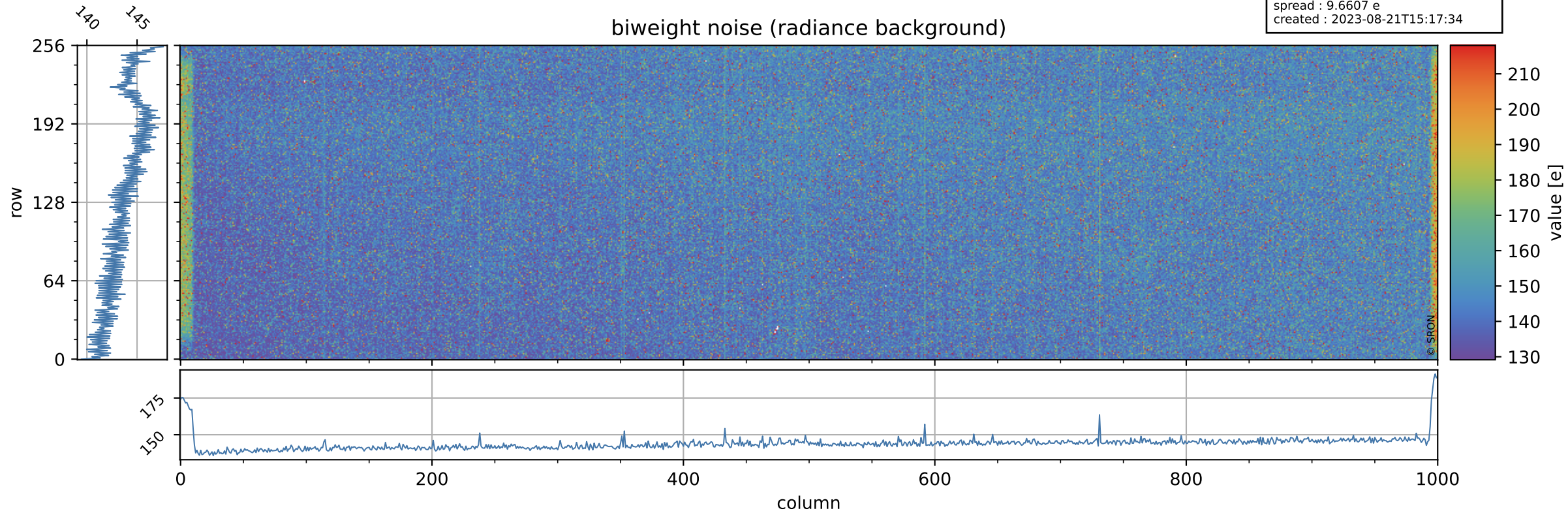
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [11032, 11122]  
coverage : 2019-11-30 / 2019-12-06  
n\_coad, t\_exp : 1, 0.8383  
median : 143.66 e  
spread : 9.6607 e  
created : 2023-08-21T15:17:34

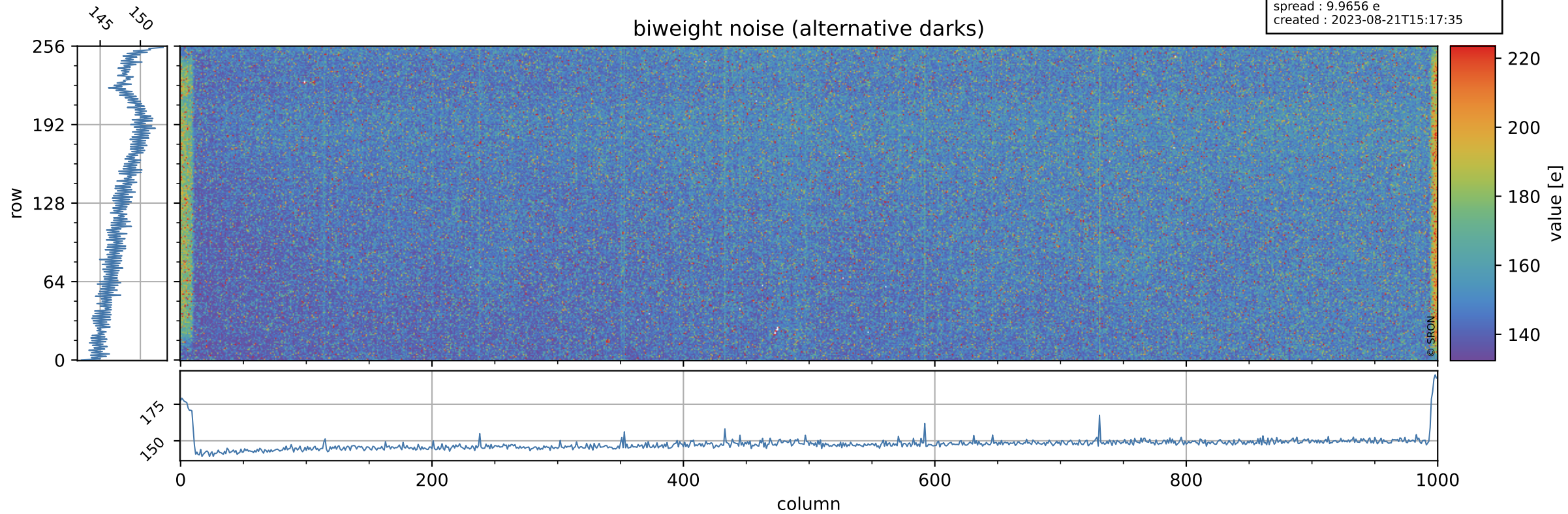
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [11032, 11122]  
coverage : 2019-11-30 / 2019-12-06  
n\_coad, t\_exp : 1, 1.0783  
median : 147.62 e  
spread : 9.9656 e  
created : 2023-08-21T15:17:35

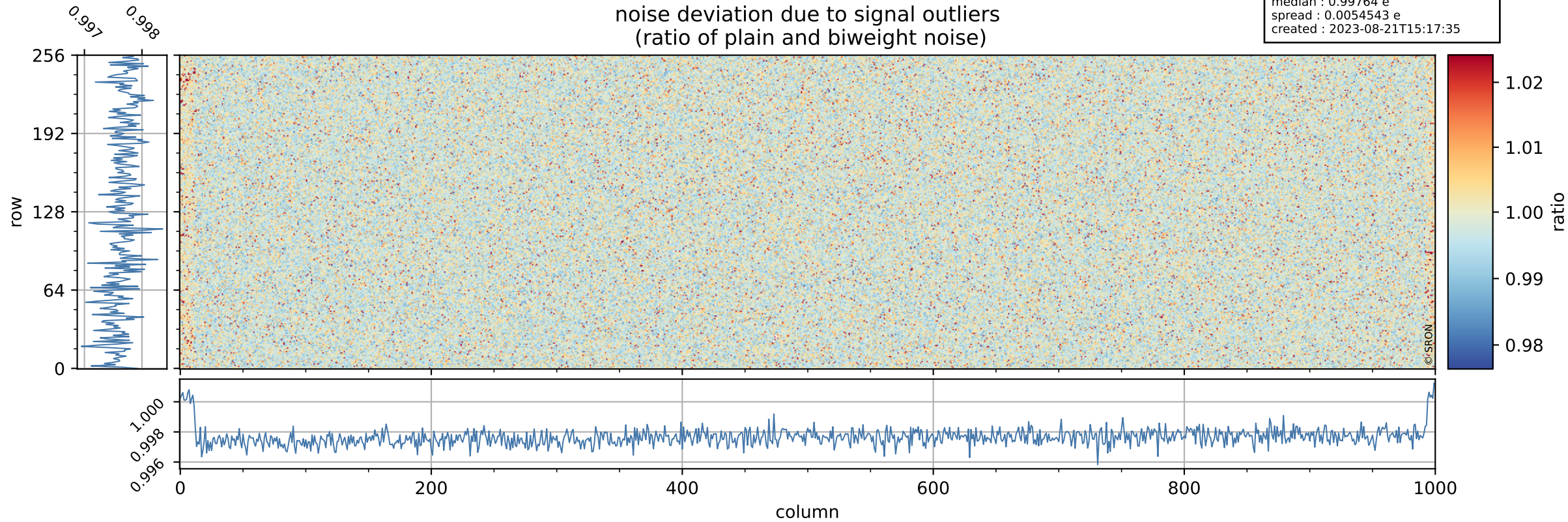
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

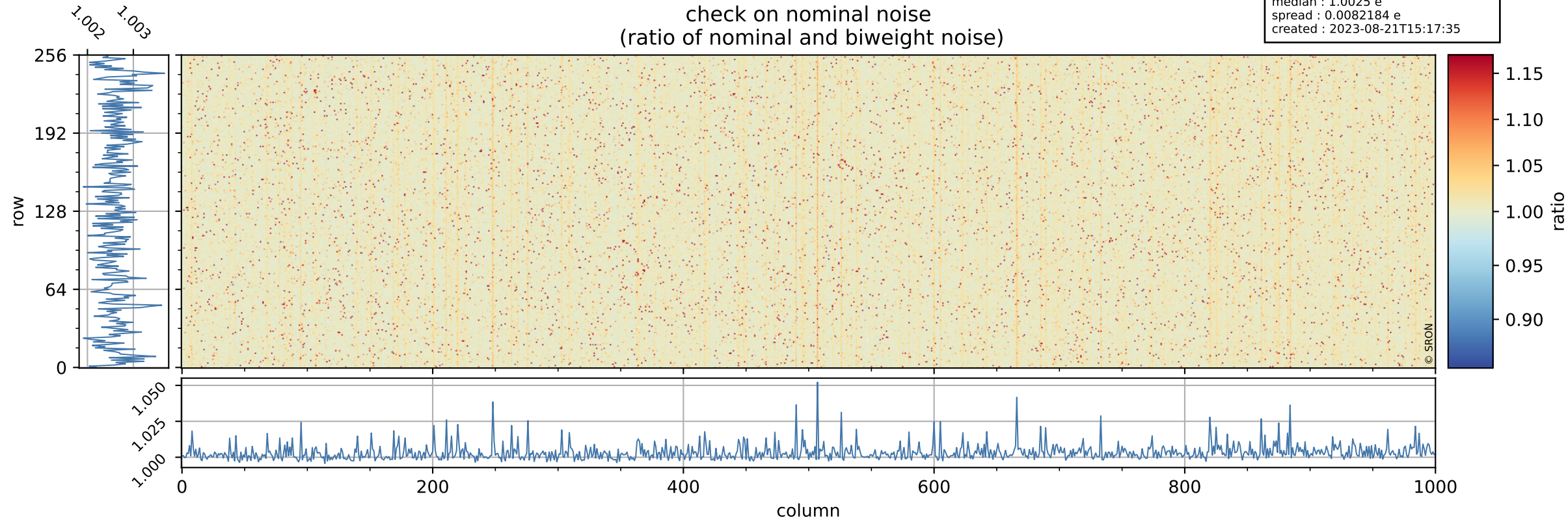
orbits : 13 in [11032, 11122]  
coverage : 2019-11-30 / 2019-12-06  
median : 0.99764 e  
spread : 0.0054543 e  
created : 2023-08-21T15:17:35



# Tropomi SWIR background noise (swir)

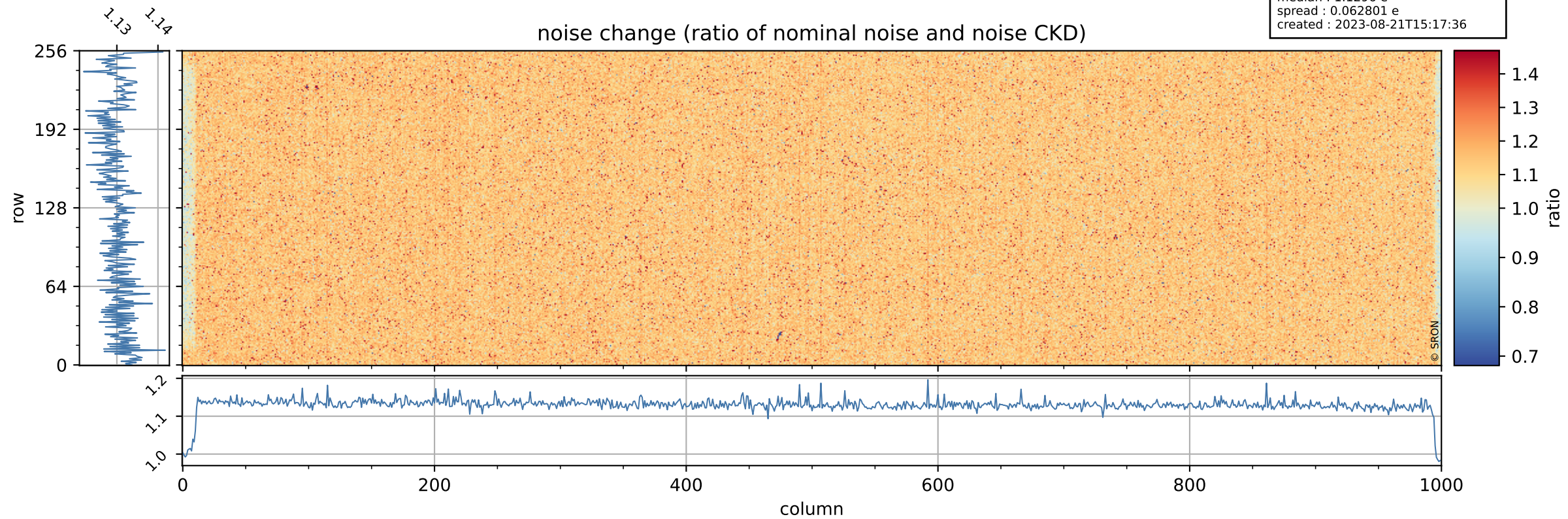
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [11032, 11122]  
coverage : 2019-11-30 / 2019-12-06  
median : 1.0025 e  
spread : 0.0082184 e  
created : 2023-08-21T15:17:35



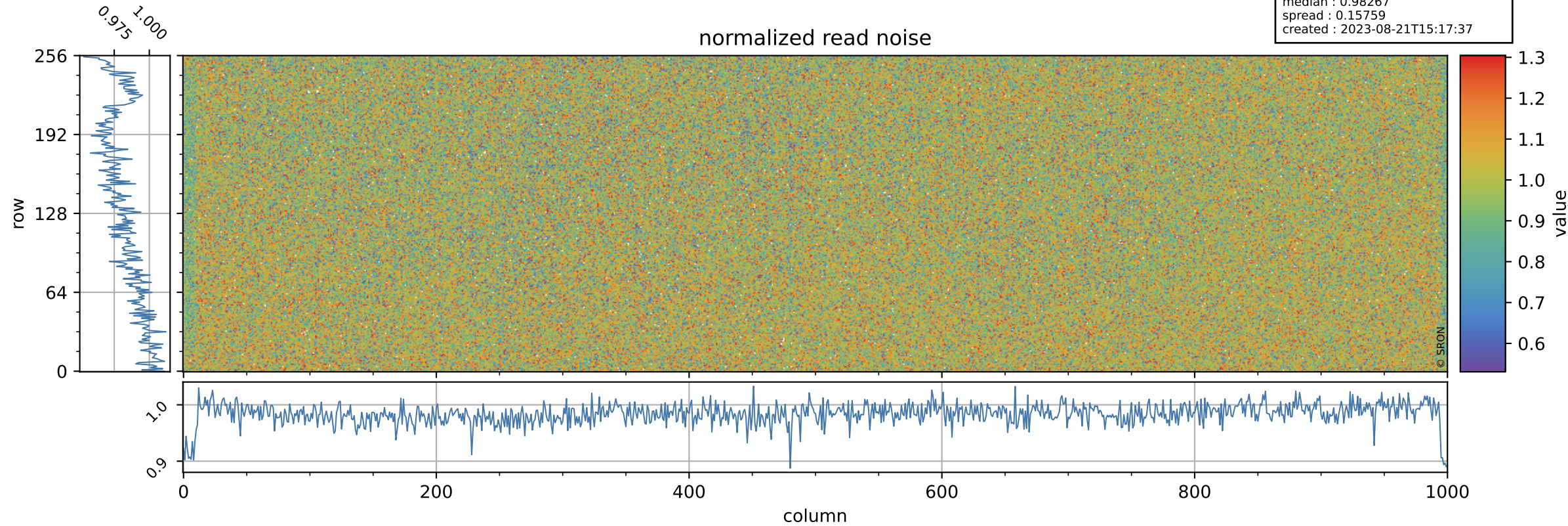
# Tropomi SWIR background noise (swir)

orbits : 13 in [11032, 11122]  
coverage : 2019-11-30 / 2019-12-06  
median : 1.1296 e  
spread : 0.062801 e  
created : 2023-08-21T15:17:36



# Tropomi SWIR background noise (swir)

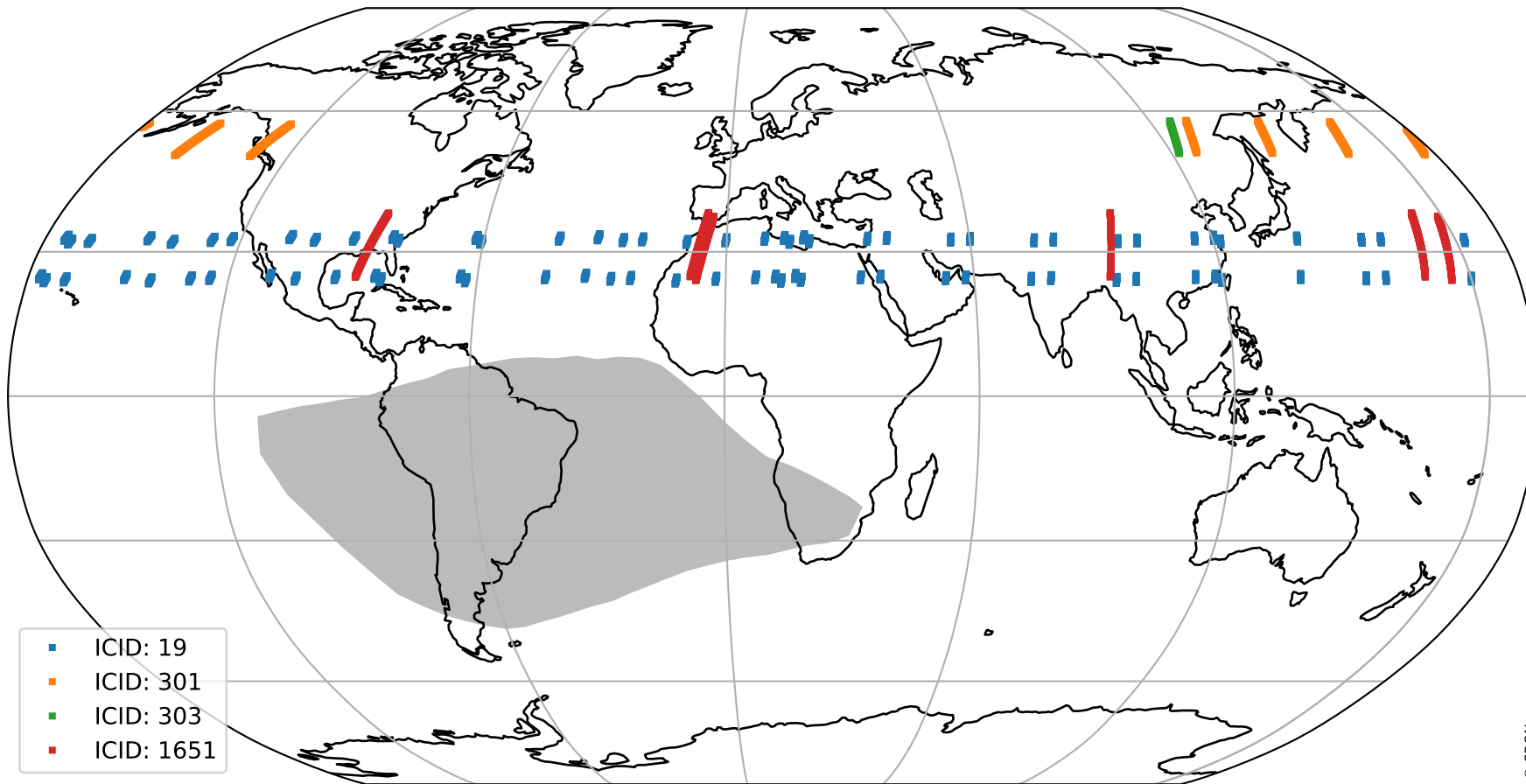
orbits : 13 in [11032, 11122]  
coverage : 2019-11-30 / 2019-12-06  
median : 0.98267  
spread : 0.15759  
created : 2023-08-21T15:17:37





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

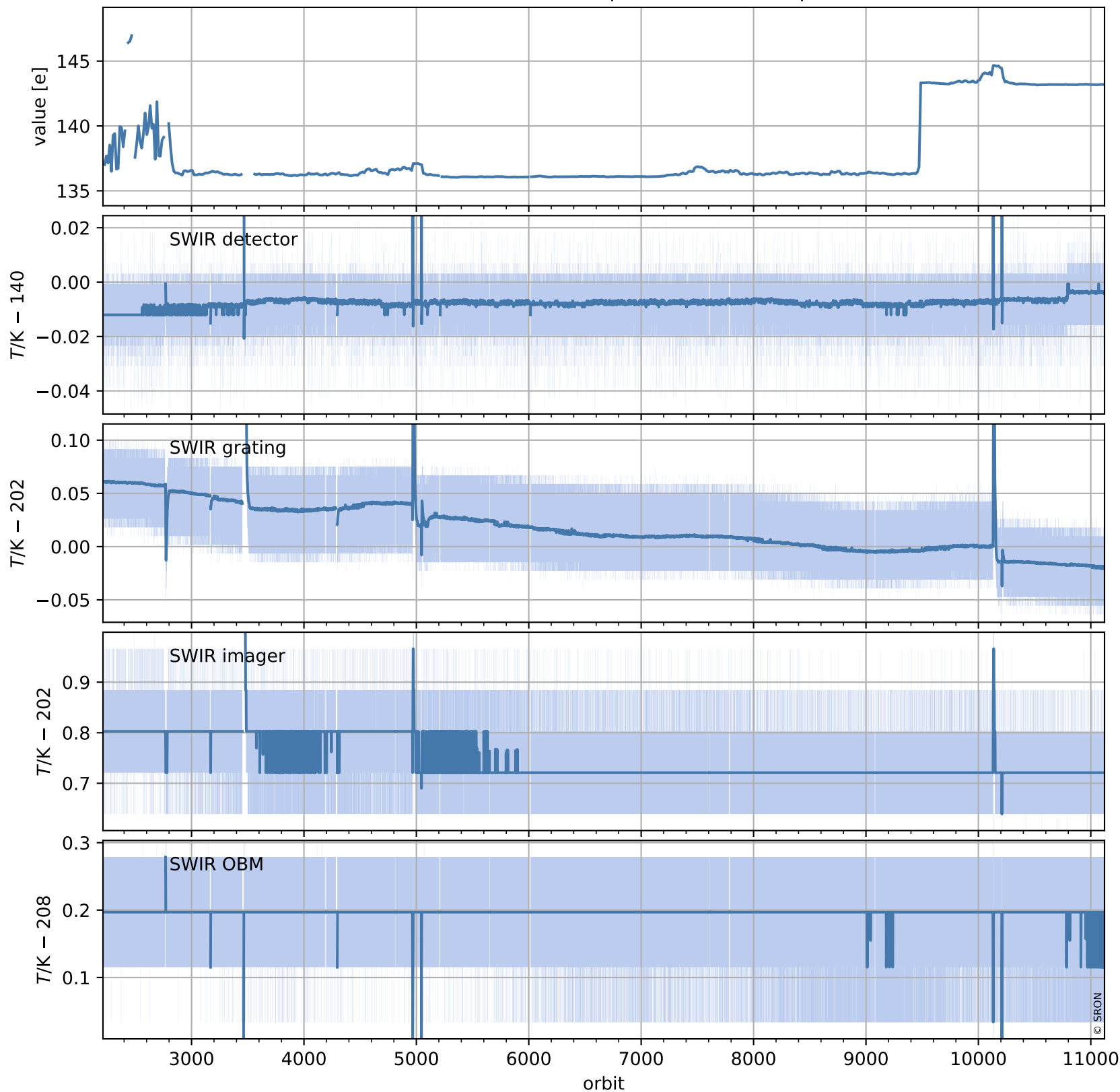
orbits : 13 in [11032, 11122]  
coverage : 2019-11-30 / 2019-12-06  
created : 2023-08-21T15:17:37



# Tropomi SWIR background noise (swir)

orbits : [2212, 11122]  
coverage : 2018-03-18 / 2019-12-06  
created : 2023-08-21T15:17:38

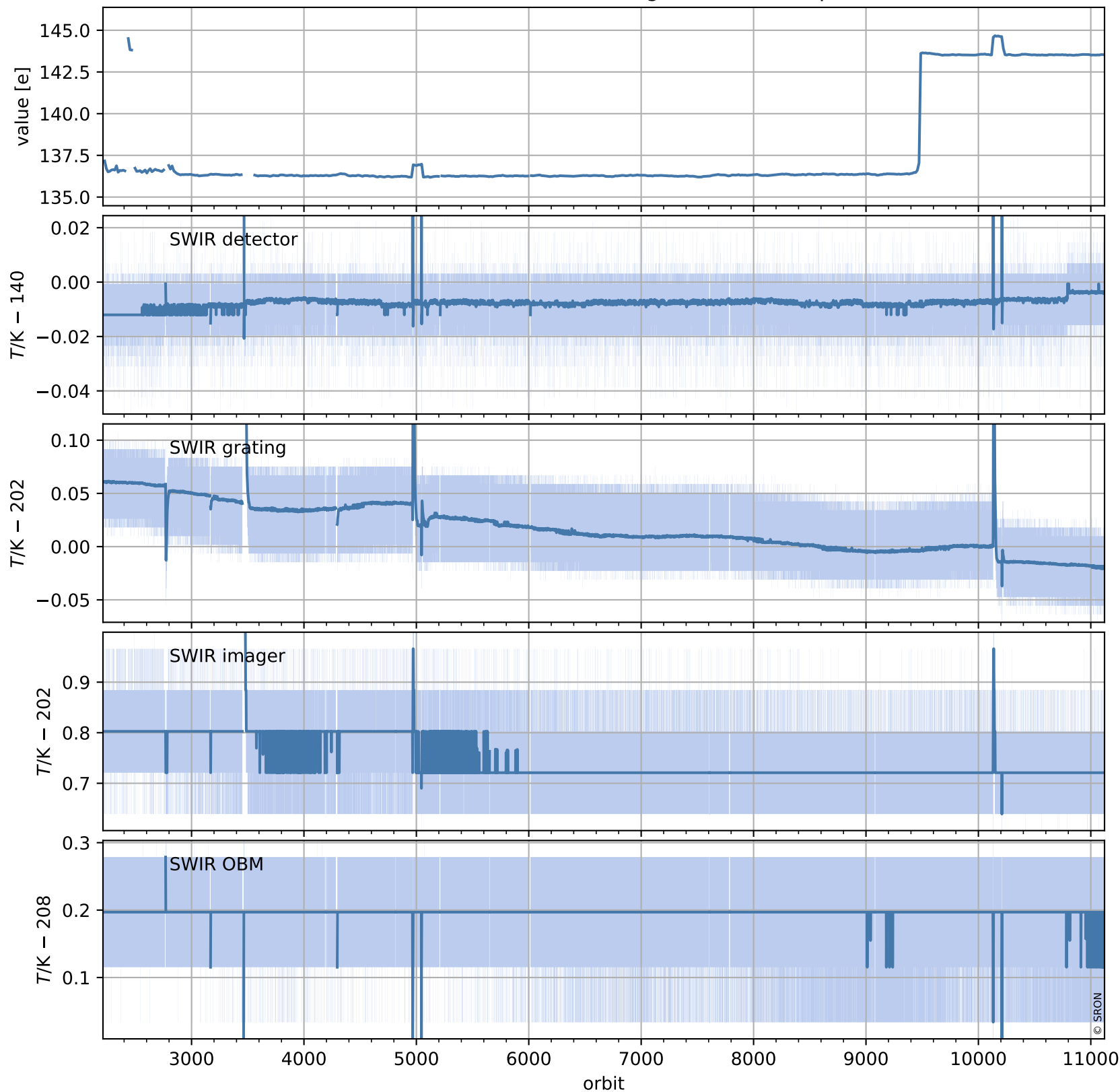
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11122]  
coverage : 2018-03-18 / 2019-12-06  
created : 2023-08-21T15:17:39

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11122]  
coverage : 2018-03-18 / 2019-12-06  
created : 2023-08-21T15:17:40

## trend of normalized read-noise & temperatures

