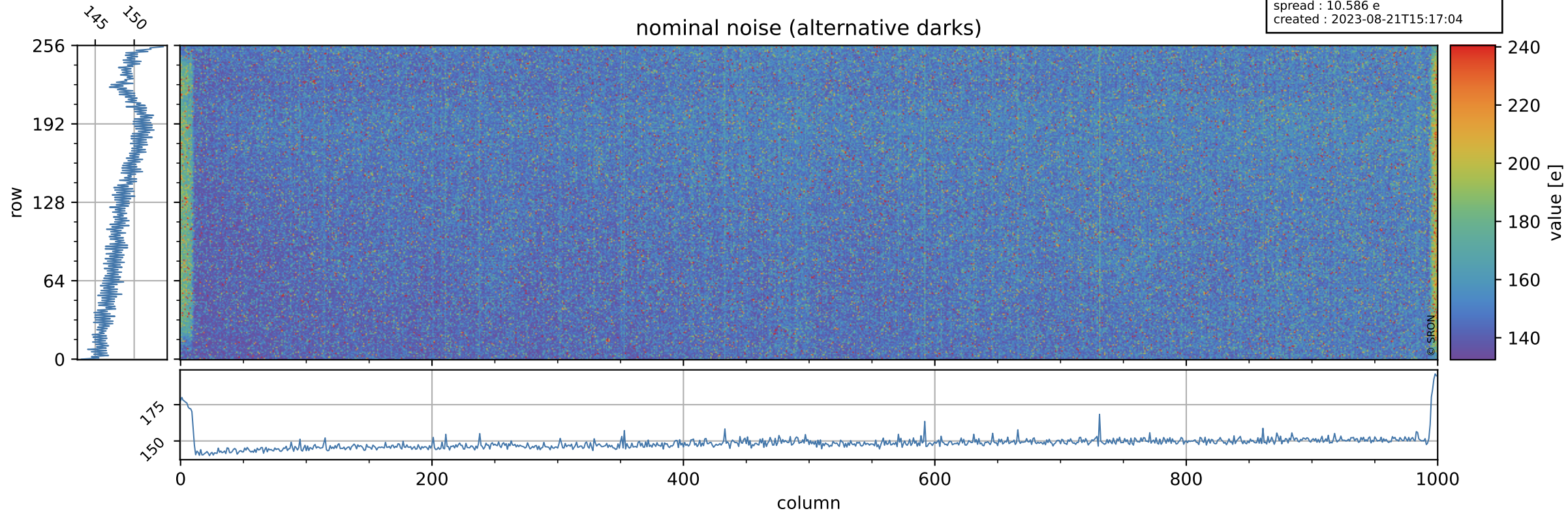


# Tropomi SWIR background noise (swir)

orbits : 12 in [10972, 11062]  
coverage : 2019-11-26 / 2019-12-01  
n\_coad, t\_exp : 1, 1.0783  
median : 148.44 e  
spread : 10.586 e  
created : 2023-08-21T15:17:04

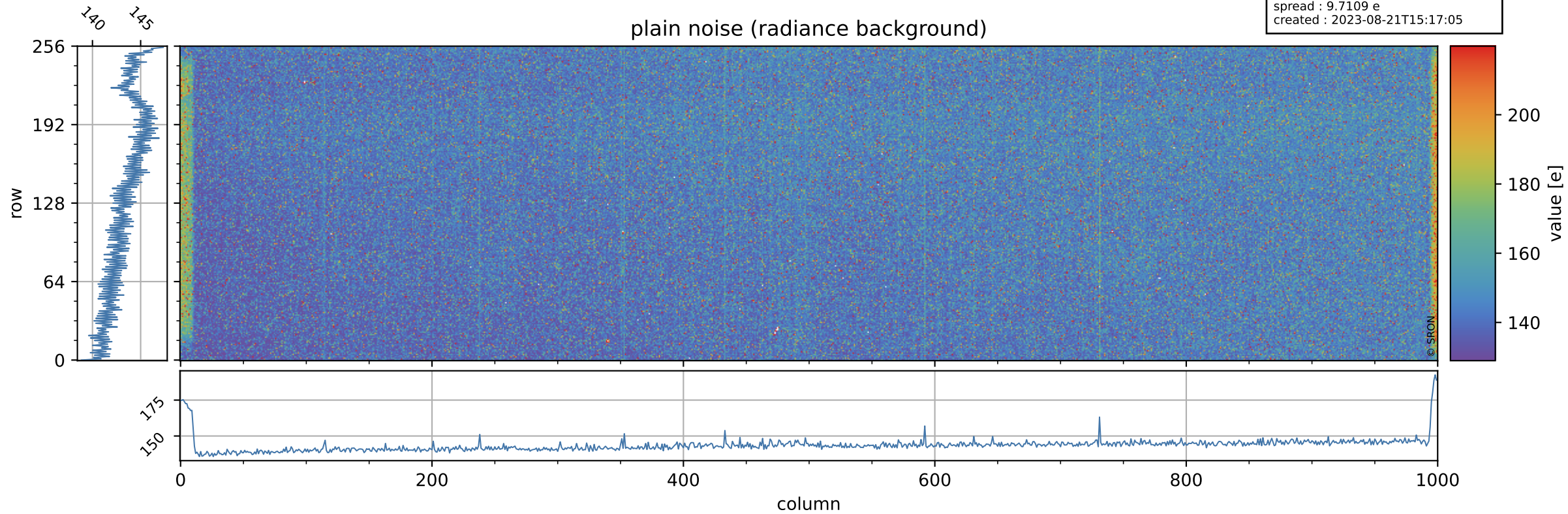
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10972, 11062]  
coverage : 2019-11-26 / 2019-12-01  
n\_coad, t\_exp : 1, 0.8383  
median : 143.33 e  
spread : 9.7109 e  
created : 2023-08-21T15:17:05

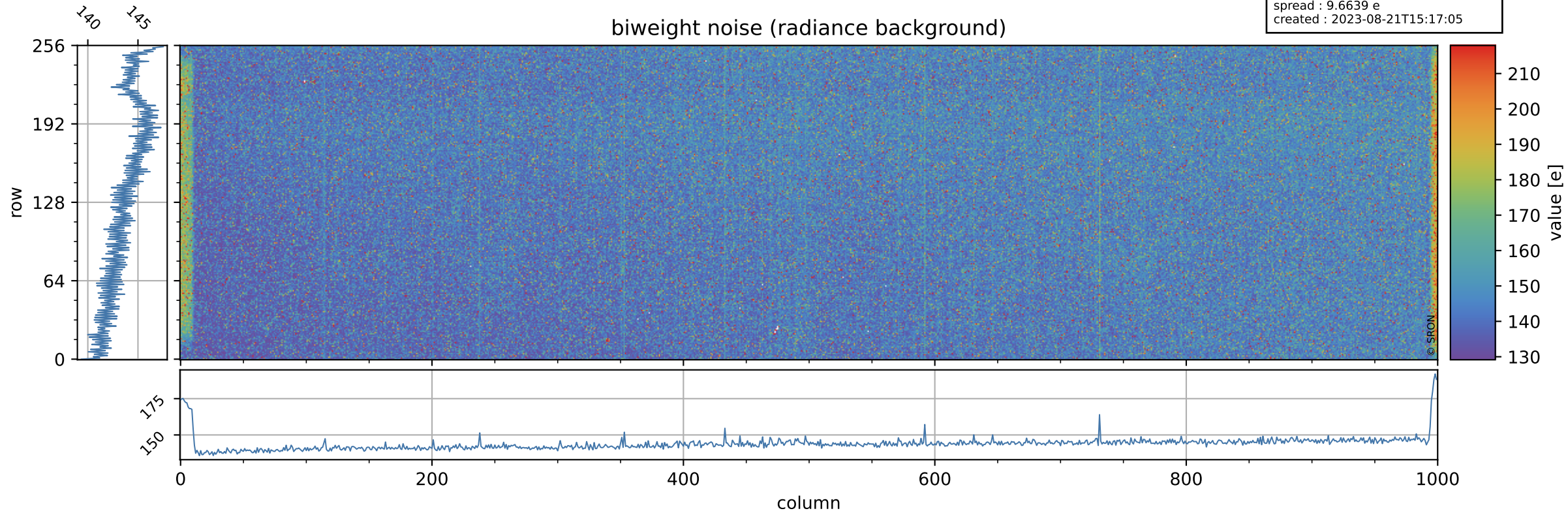
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10972, 11062]  
coverage : 2019-11-26 / 2019-12-01  
n\_coad, t\_exp : 1, 0.8383  
median : 143.66 e  
spread : 9.6639 e  
created : 2023-08-21T15:17:05

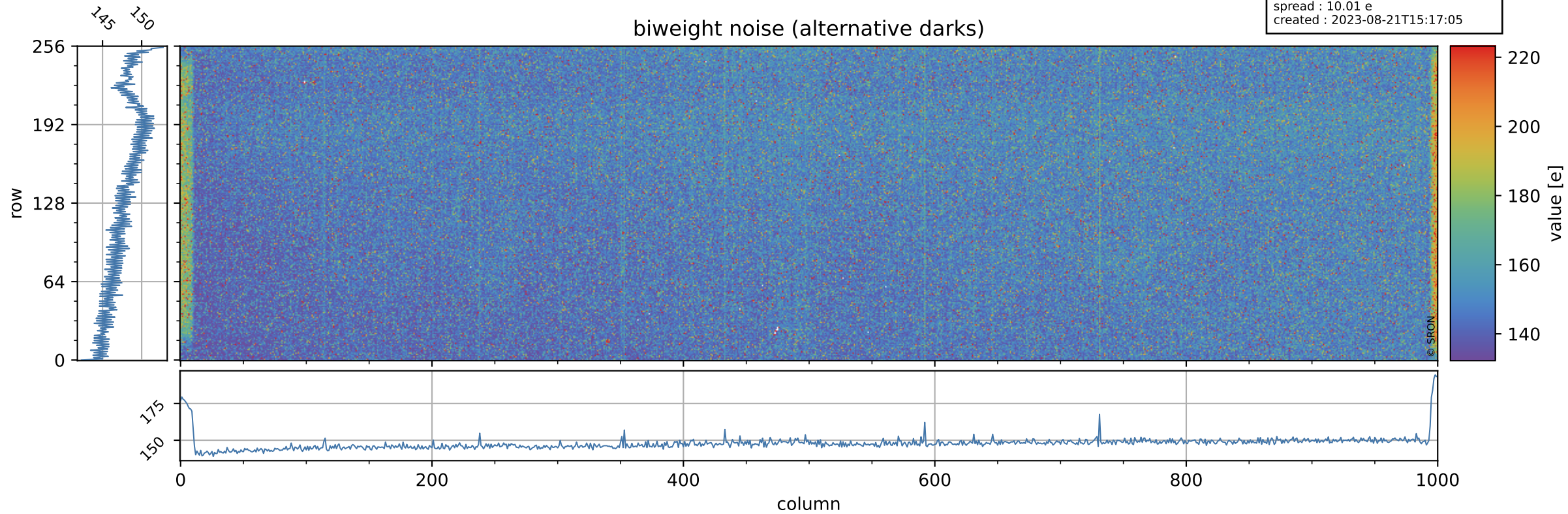
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10972, 11062]  
coverage : 2019-11-26 / 2019-12-01  
n\_coad, t\_exp : 1, 1.0783  
median : 147.63 e  
spread : 10.01 e  
created : 2023-08-21T15:17:05

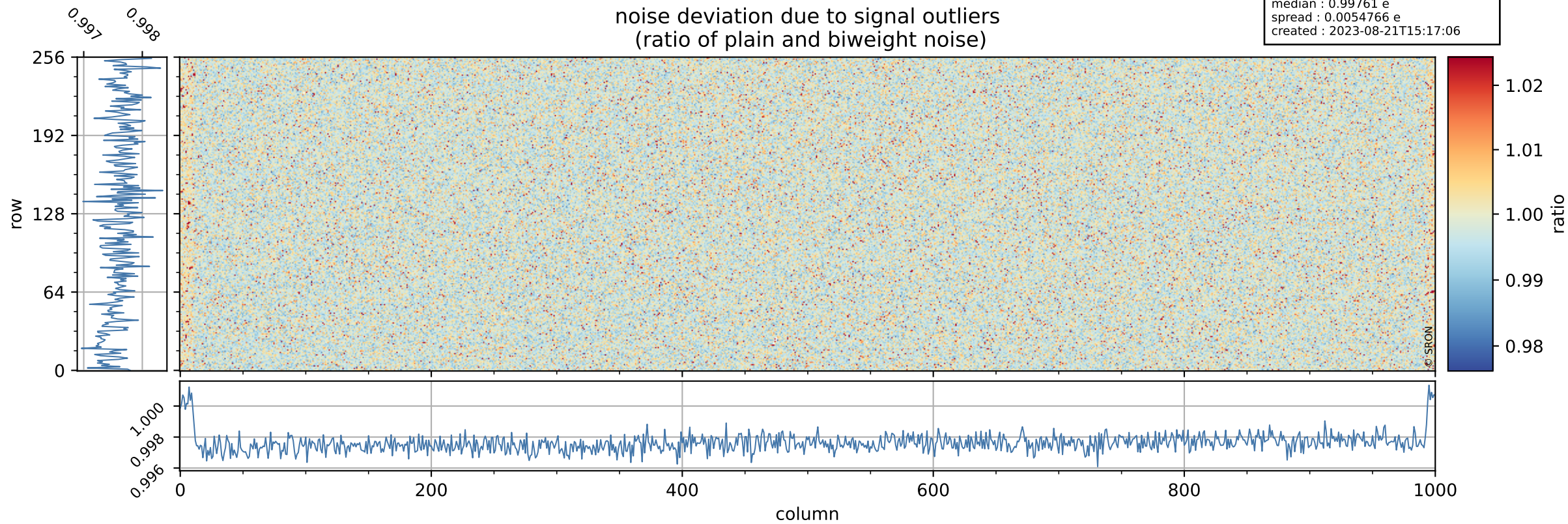
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

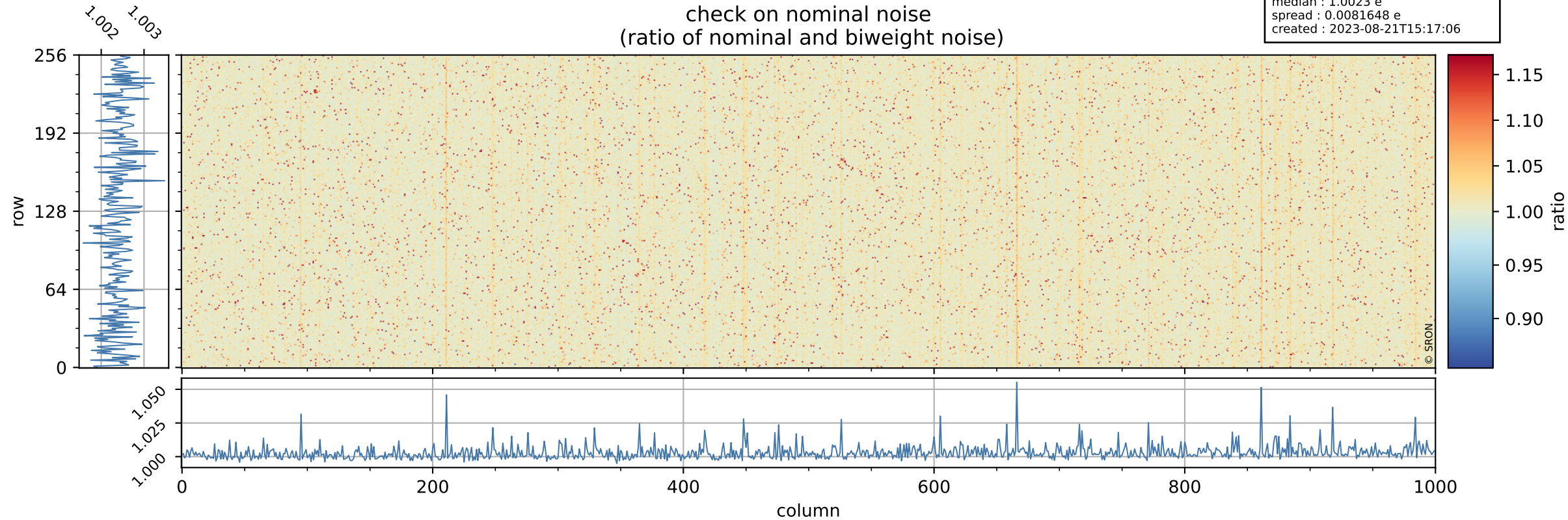
orbits : 12 in [10972, 11062]  
coverage : 2019-11-26 / 2019-12-01  
median : 0.99761 e  
spread : 0.0054766 e  
created : 2023-08-21T15:17:06



# Tropomi SWIR background noise (swir)

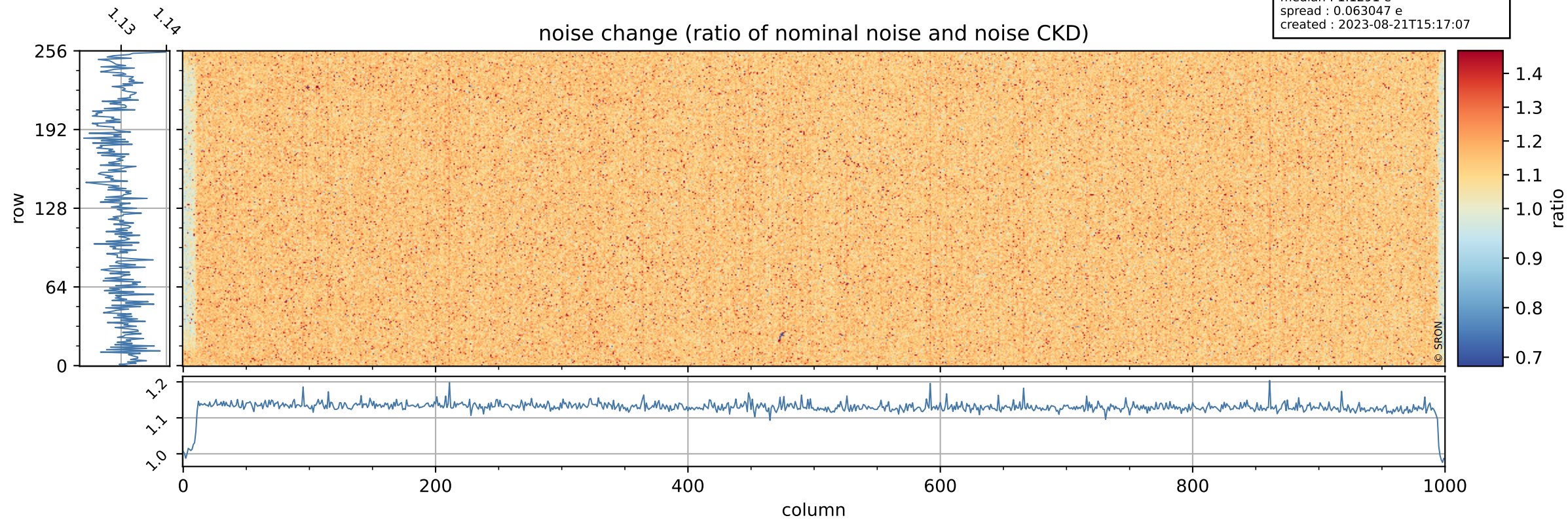
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [10972, 11062]  
coverage : 2019-11-26 / 2019-12-01  
median : 1.0023 e  
spread : 0.0081648 e  
created : 2023-08-21T15:17:06



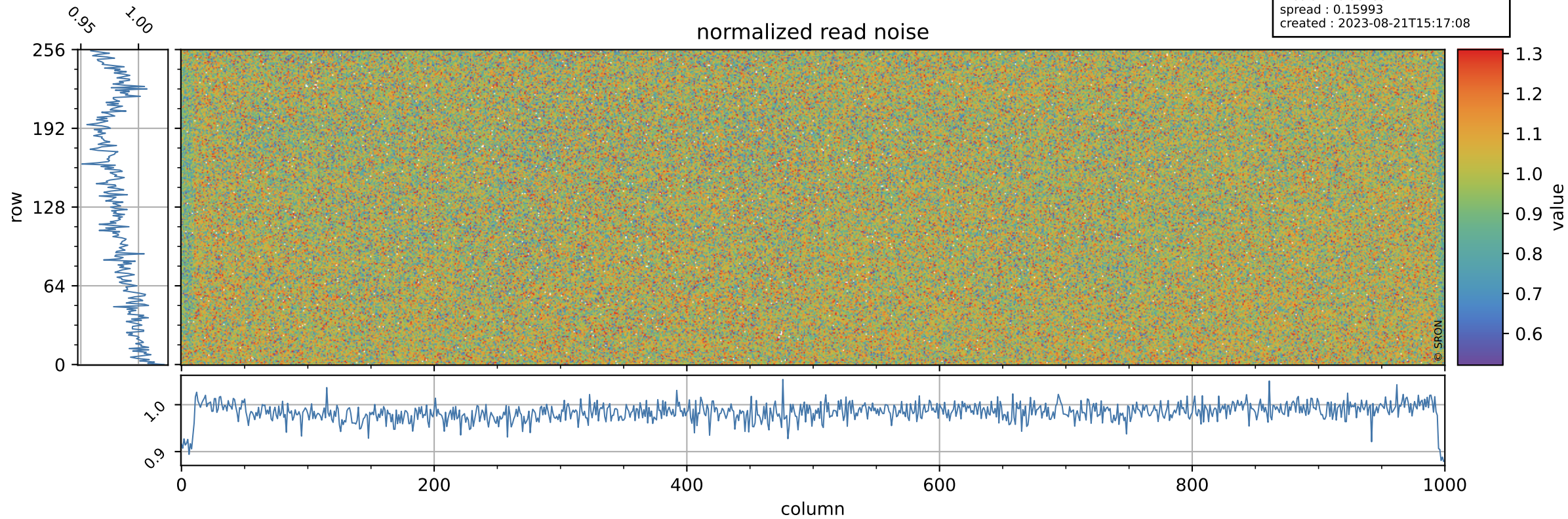
# Tropomi SWIR background noise (swir)

orbits : 12 in [10972, 11062]  
coverage : 2019-11-26 / 2019-12-01  
median : 1.1291 e  
spread : 0.063047 e  
created : 2023-08-21T15:17:07



# Tropomi SWIR background noise (swir)

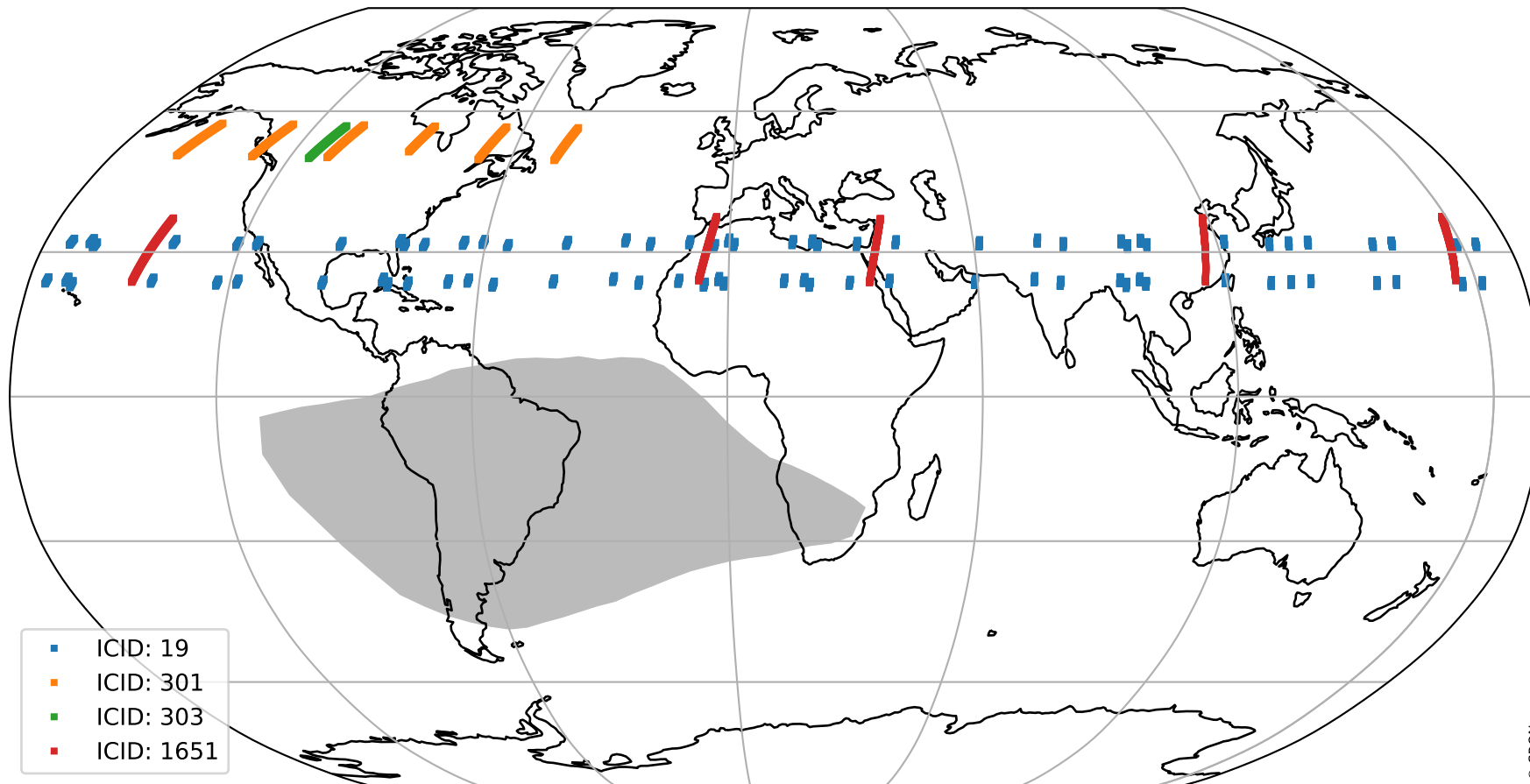
orbits : 12 in [10972, 11062]  
coverage : 2019-11-26 / 2019-12-01  
median : 0.98259  
spread : 0.15993  
created : 2023-08-21T15:17:08





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

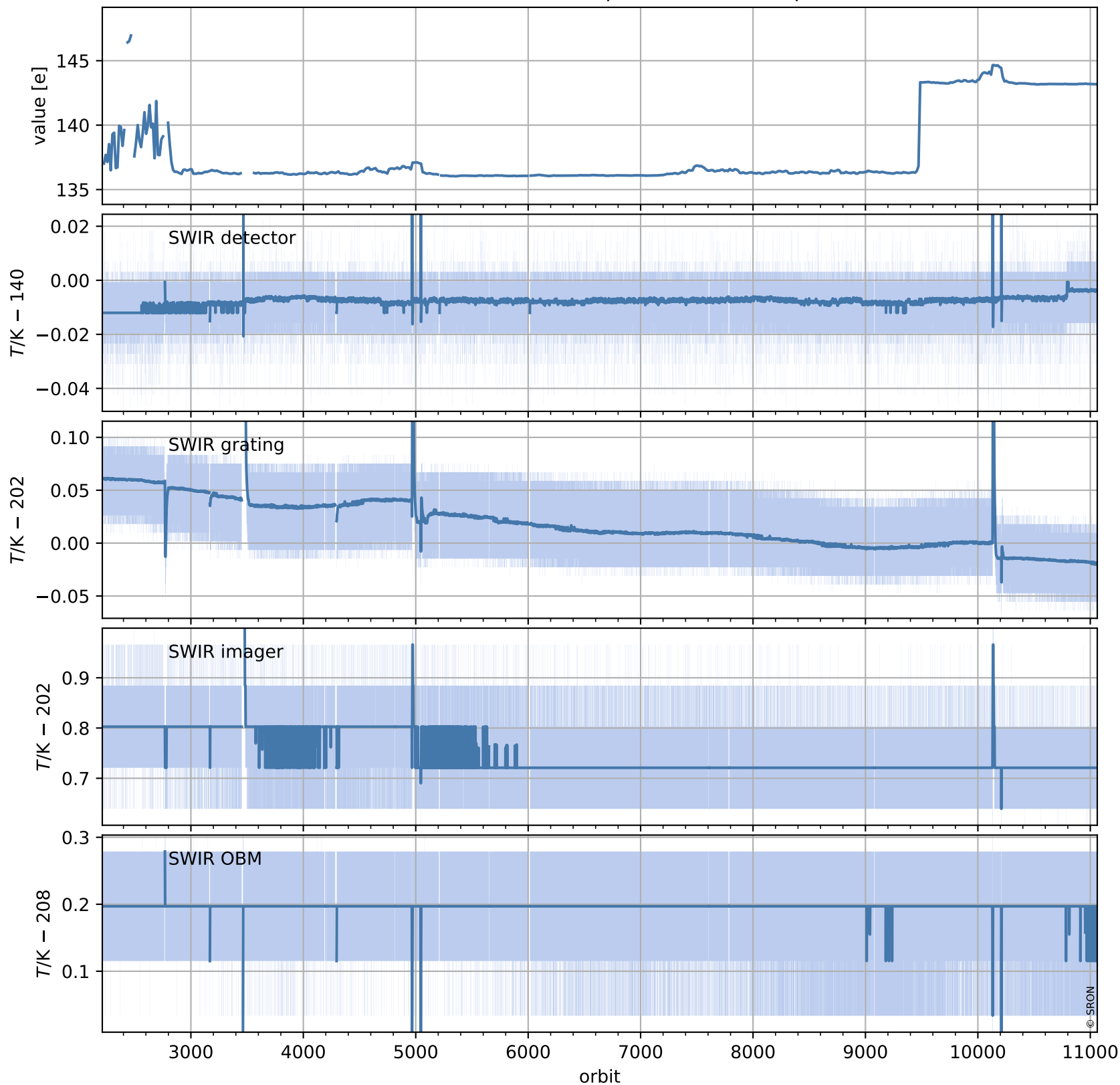
orbits : 12 in [10972, 11062]  
coverage : 2019-11-26 / 2019-12-01  
created : 2023-08-21T15:17:08



# Tropomi SWIR background noise (swir)

orbits : [2212, 11062]  
coverage : 2018-03-18 / 2019-12-01  
created : 2023-08-21T15:17:09

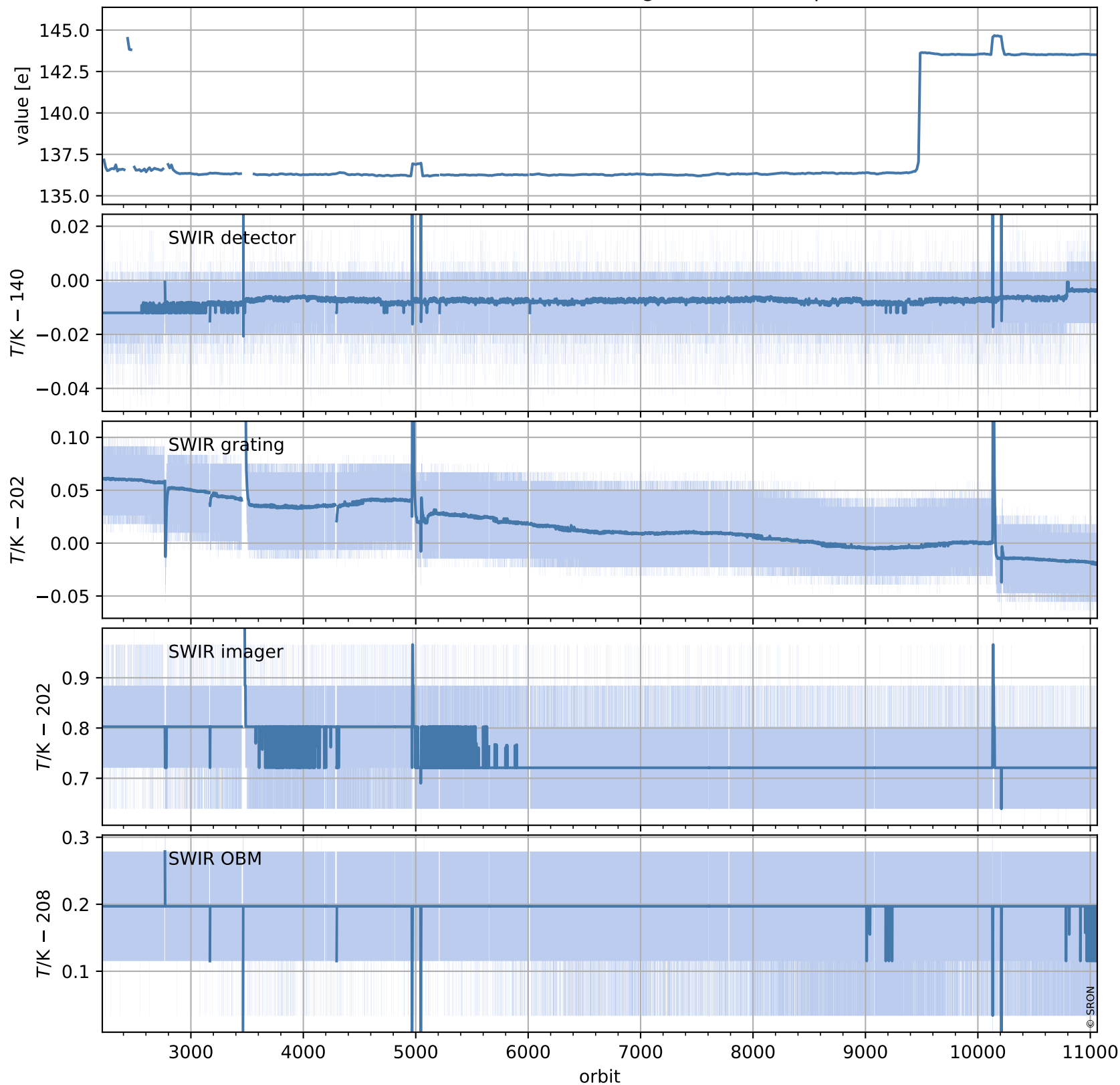
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11062]  
coverage : 2018-03-18 / 2019-12-01  
created : 2023-08-21T15:17:10

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11062]  
coverage : 2018-03-18 / 2019-12-01  
created : 2023-08-21T15:17:10

## trend of normalized read-noise & temperatures

