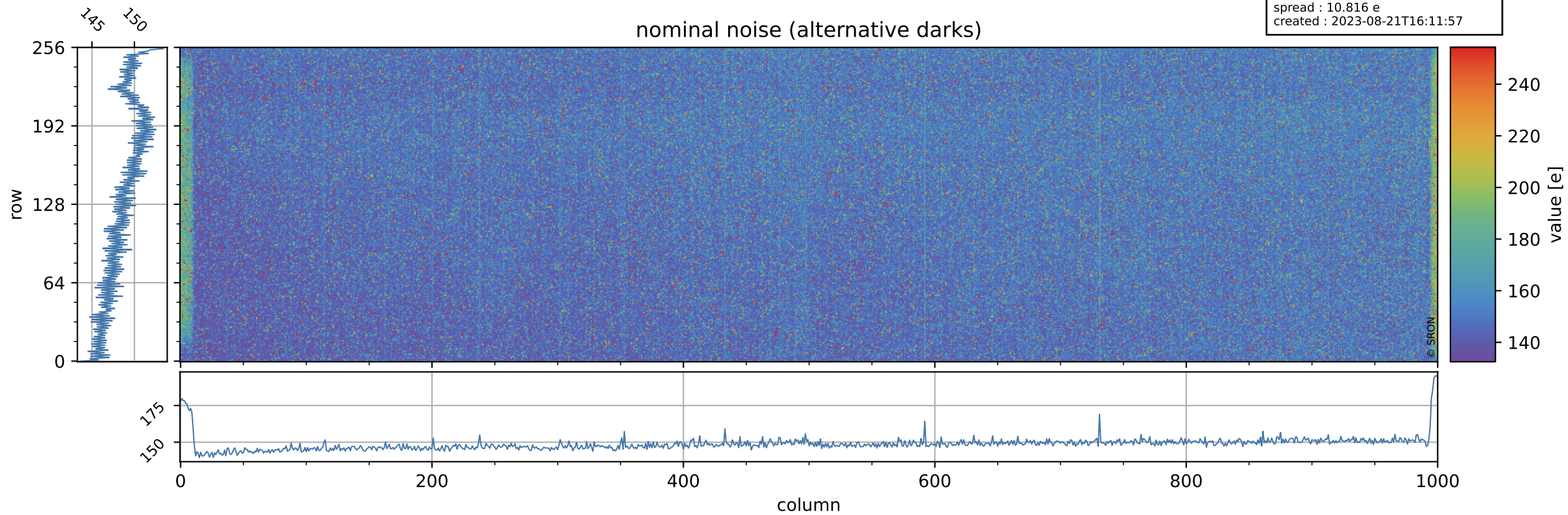


# Tropomi SWIR background noise (swir)

orbits : 13 in [20452, 20527]  
coverage : 2021-09-23 / 2021-09-28  
n\_coad, t\_exp : 1, 1.0783  
median : 148.6 e  
spread : 10.816 e  
created : 2023-08-21T16:11:57

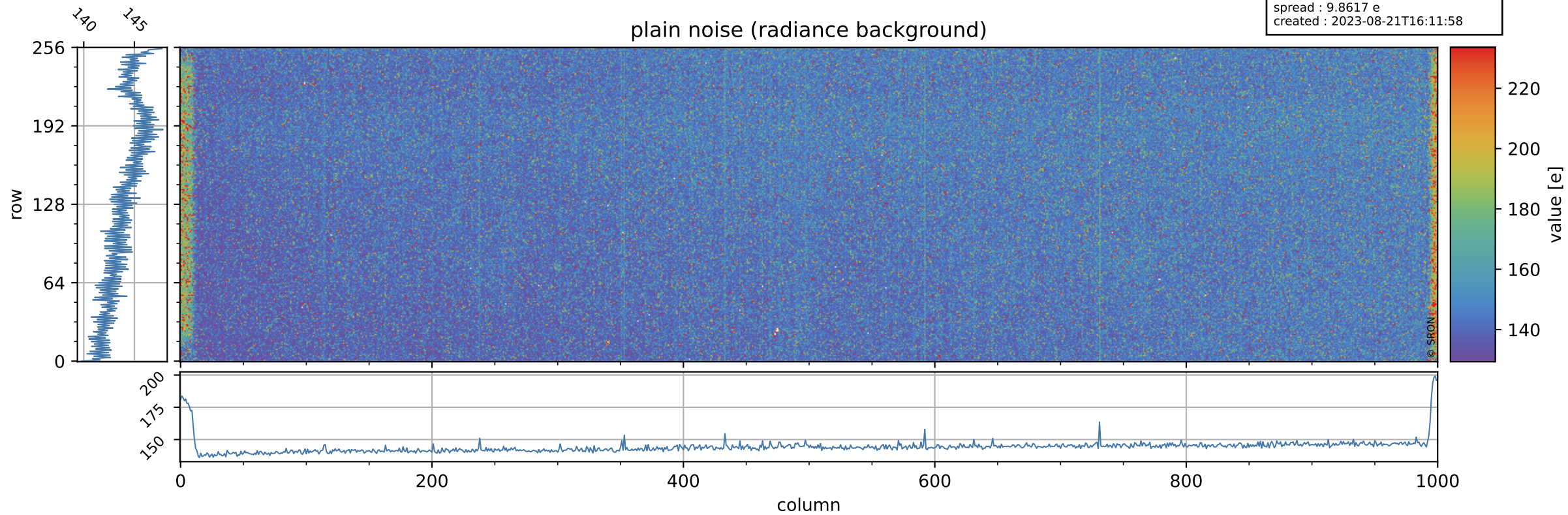
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [20452, 20527]  
coverage : 2021-09-23 / 2021-09-28  
n\_coad, t\_exp : 1, 0.8383  
median : 143.91 e  
spread : 9.8617 e  
created : 2023-08-21T16:11:58

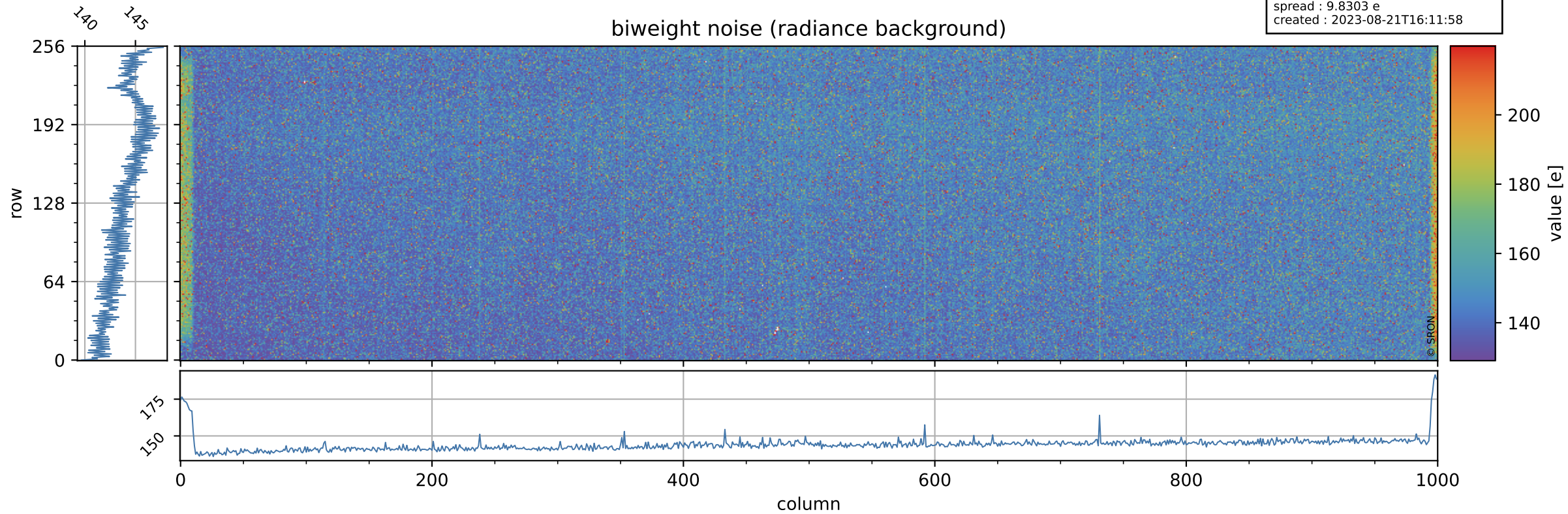
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [20452, 20527]  
coverage : 2021-09-23 / 2021-09-28  
n\_coad, t\_exp : 1, 0.8383  
median : 143.84 e  
spread : 9.8303 e  
created : 2023-08-21T16:11:58

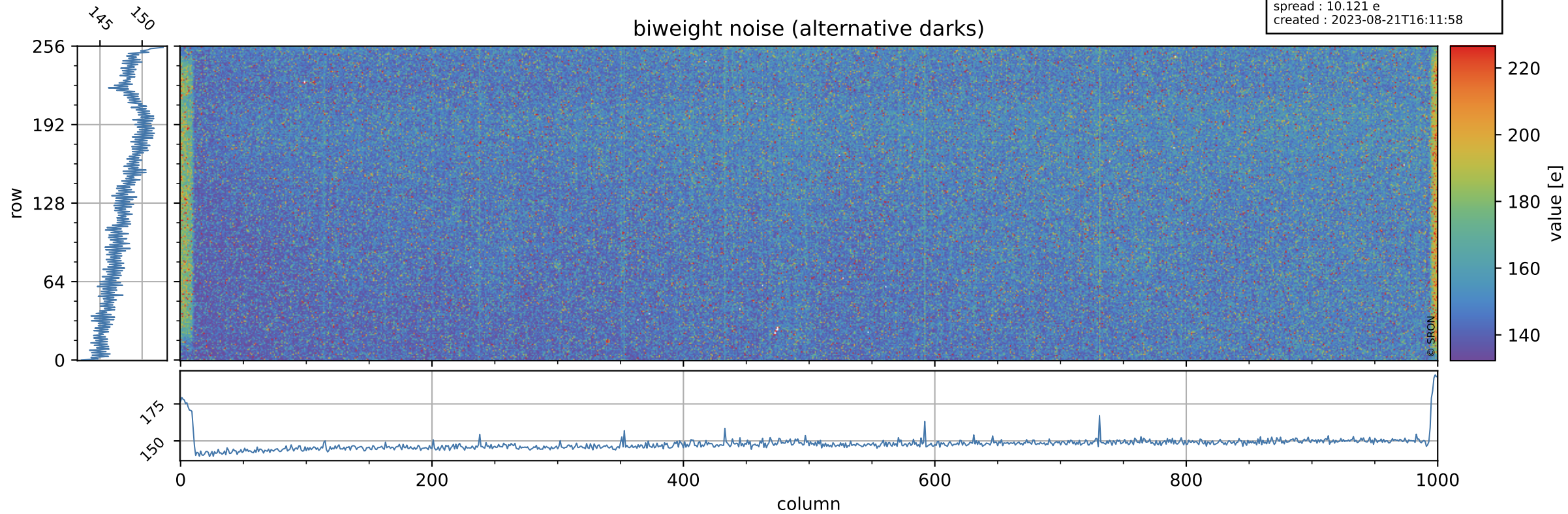
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [20452, 20527]  
coverage : 2021-09-23 / 2021-09-28  
n\_coad, t\_exp : 1, 1.0783  
median : 147.76 e  
spread : 10.121 e  
created : 2023-08-21T16:11:58

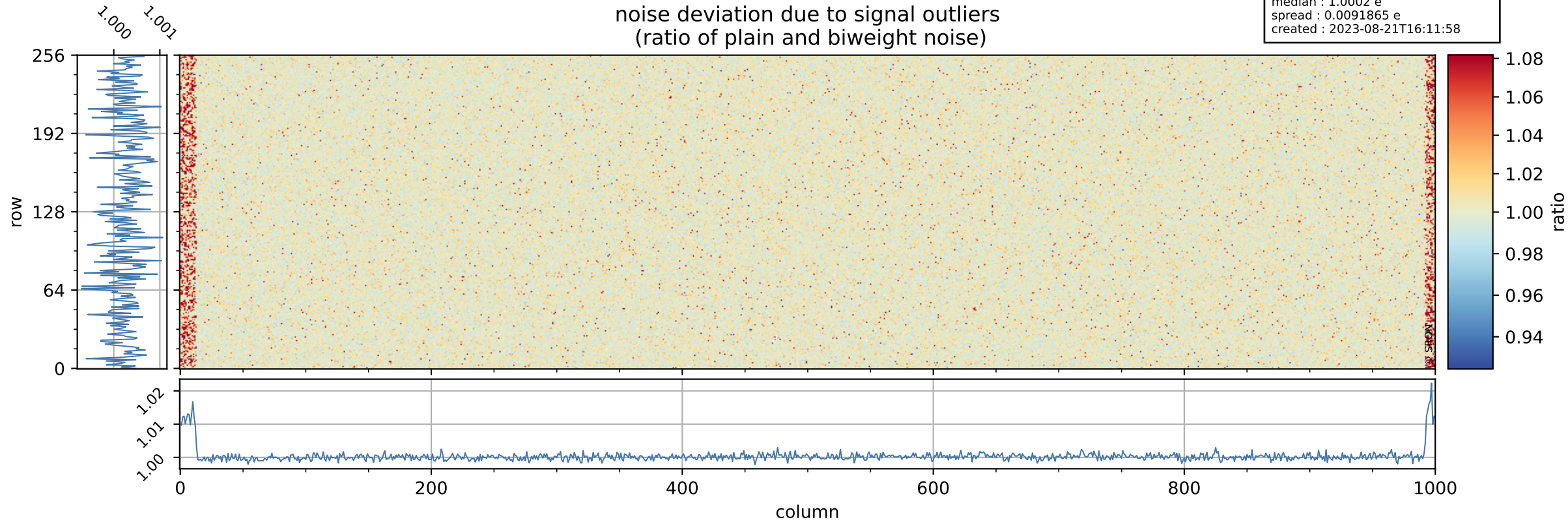
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

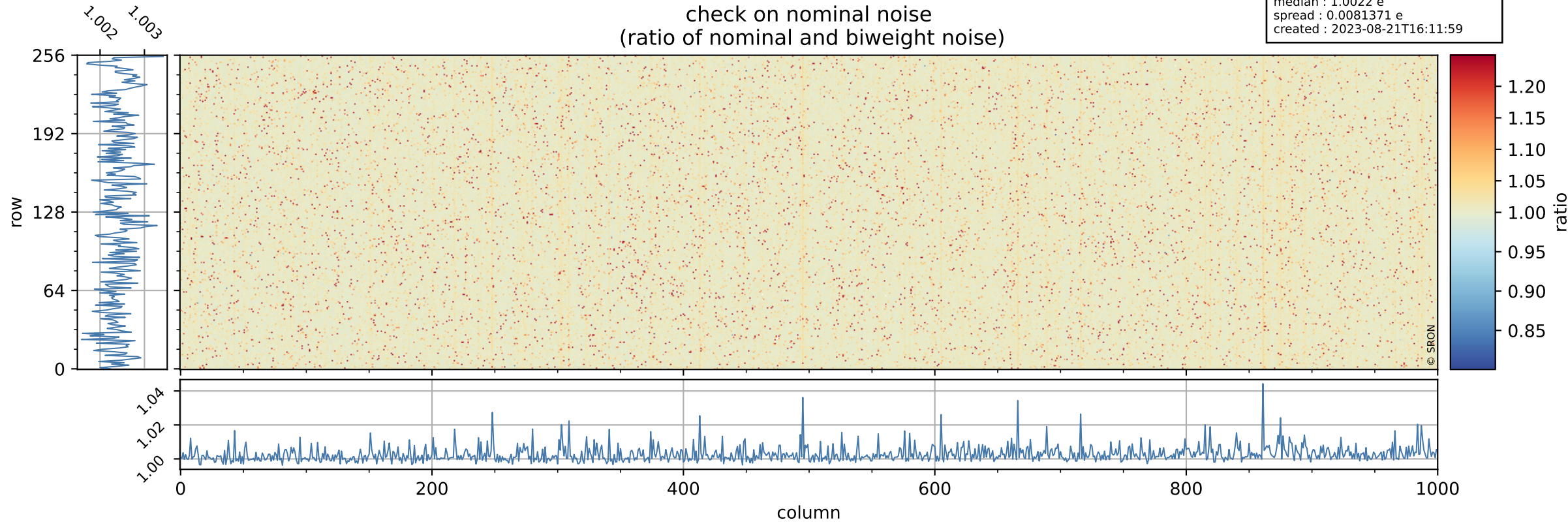
orbits : 13 in [20452, 20527]  
coverage : 2021-09-23 / 2021-09-28  
median : 1.0002 e  
spread : 0.0091865 e  
created : 2023-08-21T16:11:58



# Tropomi SWIR background noise (swir)

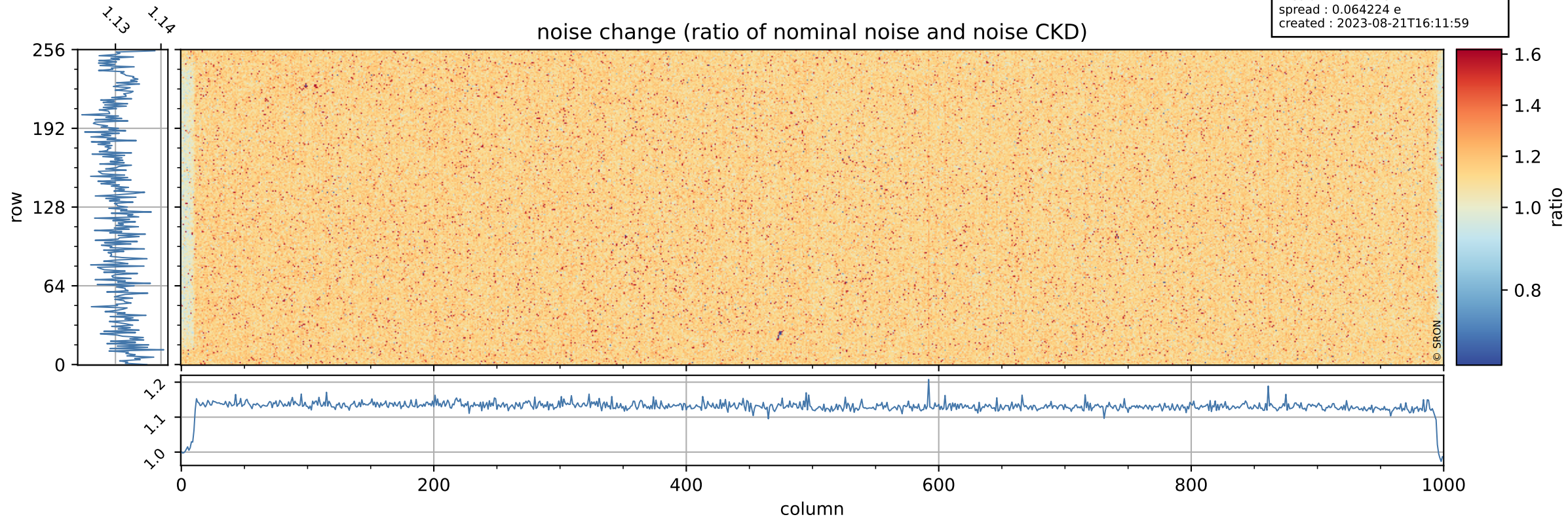
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [20452, 20527]  
coverage : 2021-09-23 / 2021-09-28  
median : 1.0022 e  
spread : 0.0081371 e  
created : 2023-08-21T16:11:59



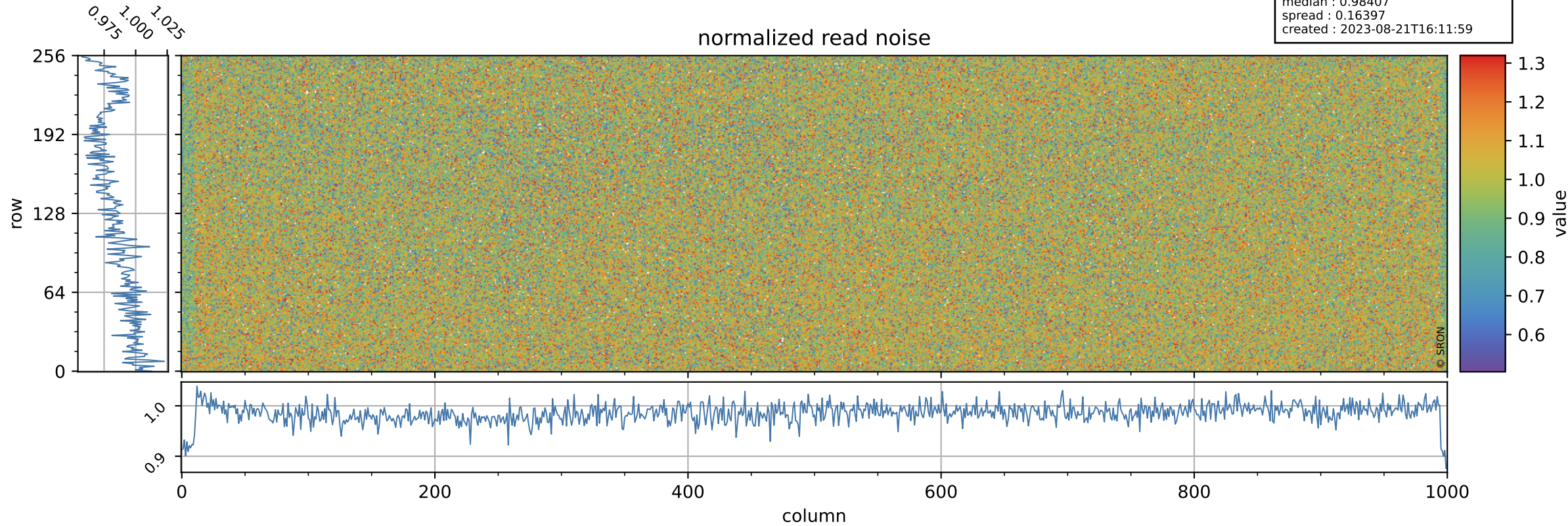
# Tropomi SWIR background noise (swir)

orbits : 13 in [20452, 20527]  
coverage : 2021-09-23 / 2021-09-28  
median : 1.1297 e  
spread : 0.064224 e  
created : 2023-08-21T16:11:59



# Tropomi SWIR background noise (swir)

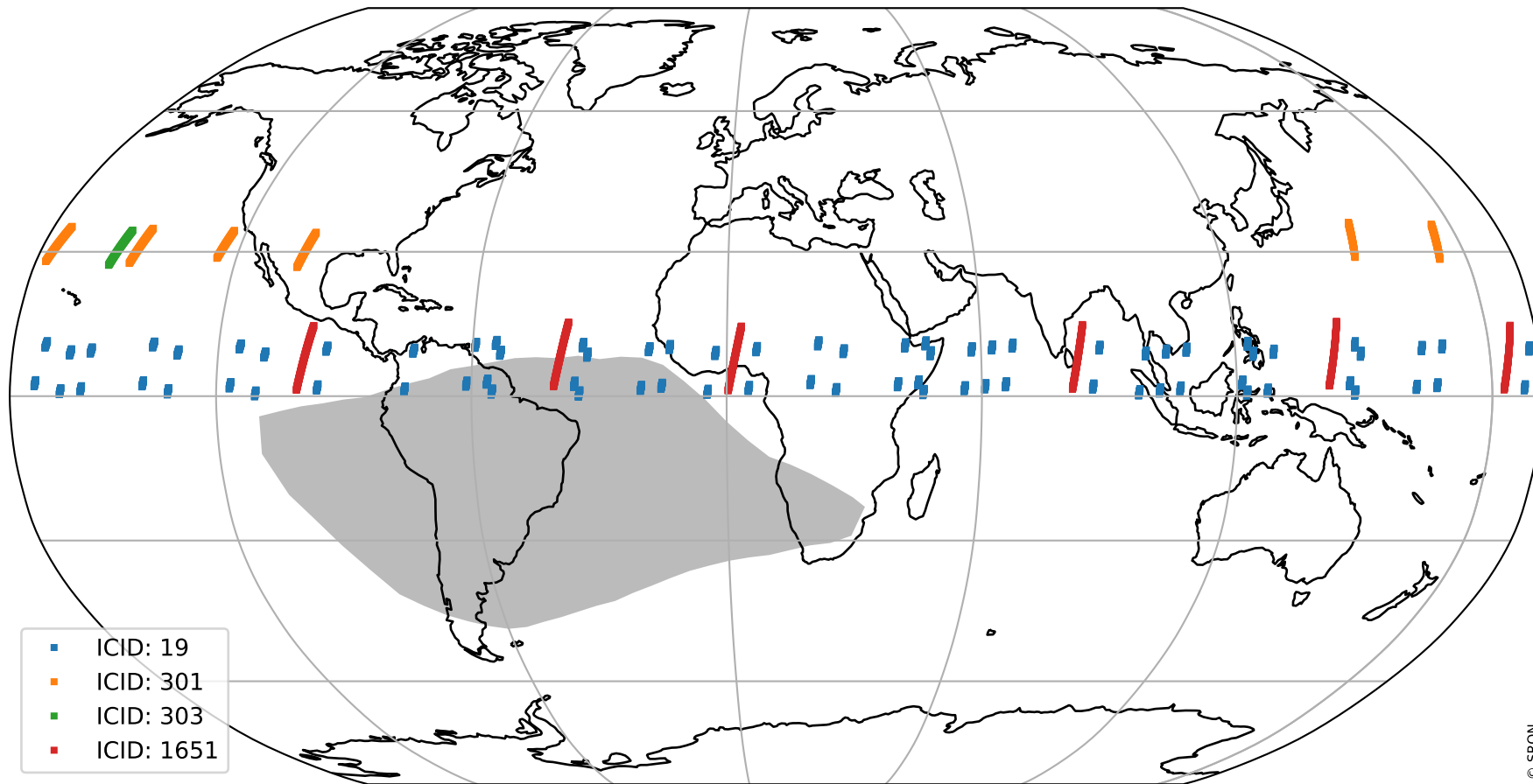
orbits : 13 in [20452, 20527]  
coverage : 2021-09-23 / 2021-09-28  
median : 0.98407  
spread : 0.16397  
created : 2023-08-21T16:11:59





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

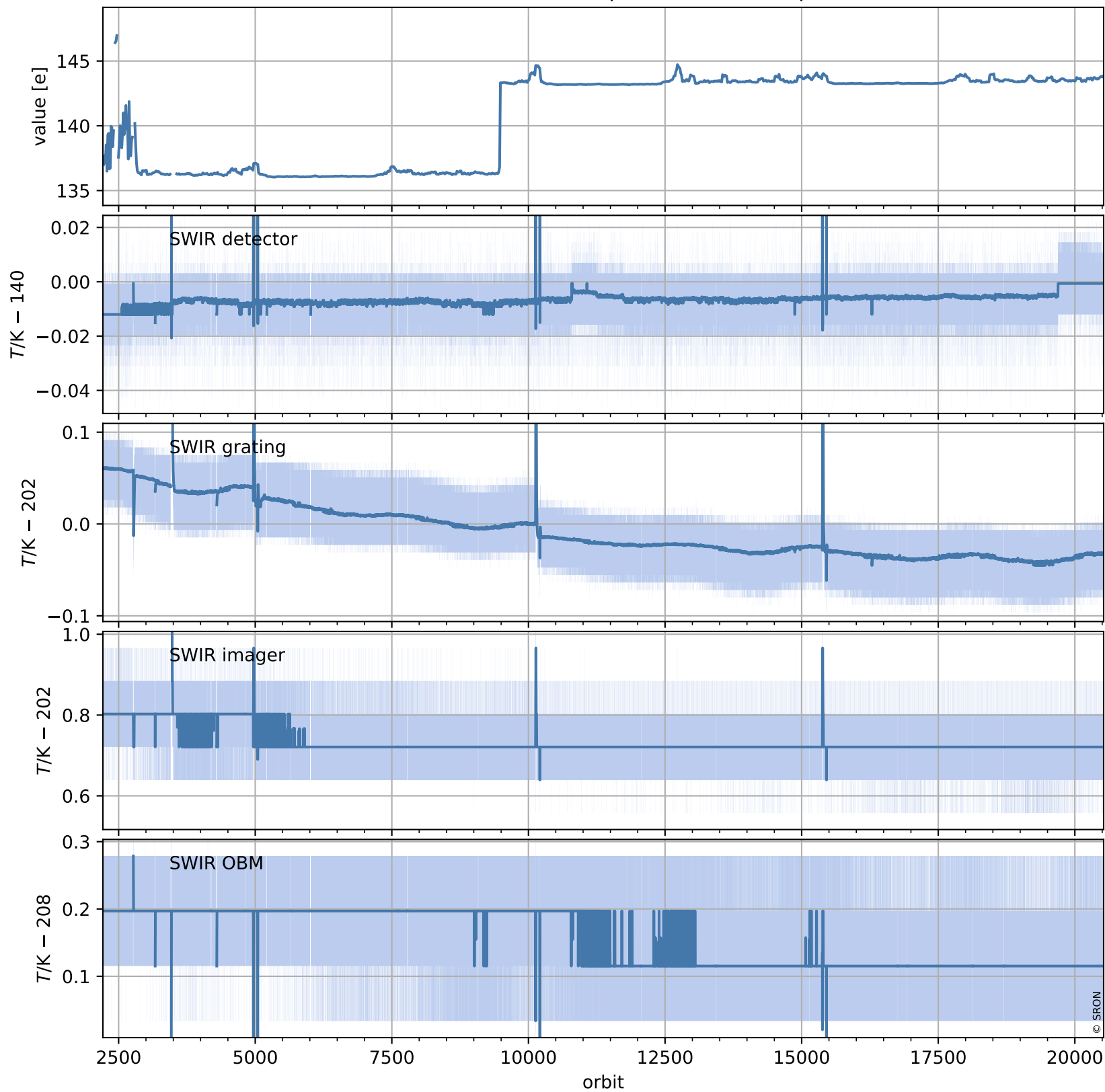
orbits : 13 in [20452, 20527]  
coverage : 2021-09-23 / 2021-09-28  
created : 2023-08-21T16:12:00



# Tropomi SWIR background noise (swir)

orbits : [2212, 20527]  
coverage : 2018-03-18 / 2021-09-28  
created : 2023-08-21T16:12:00

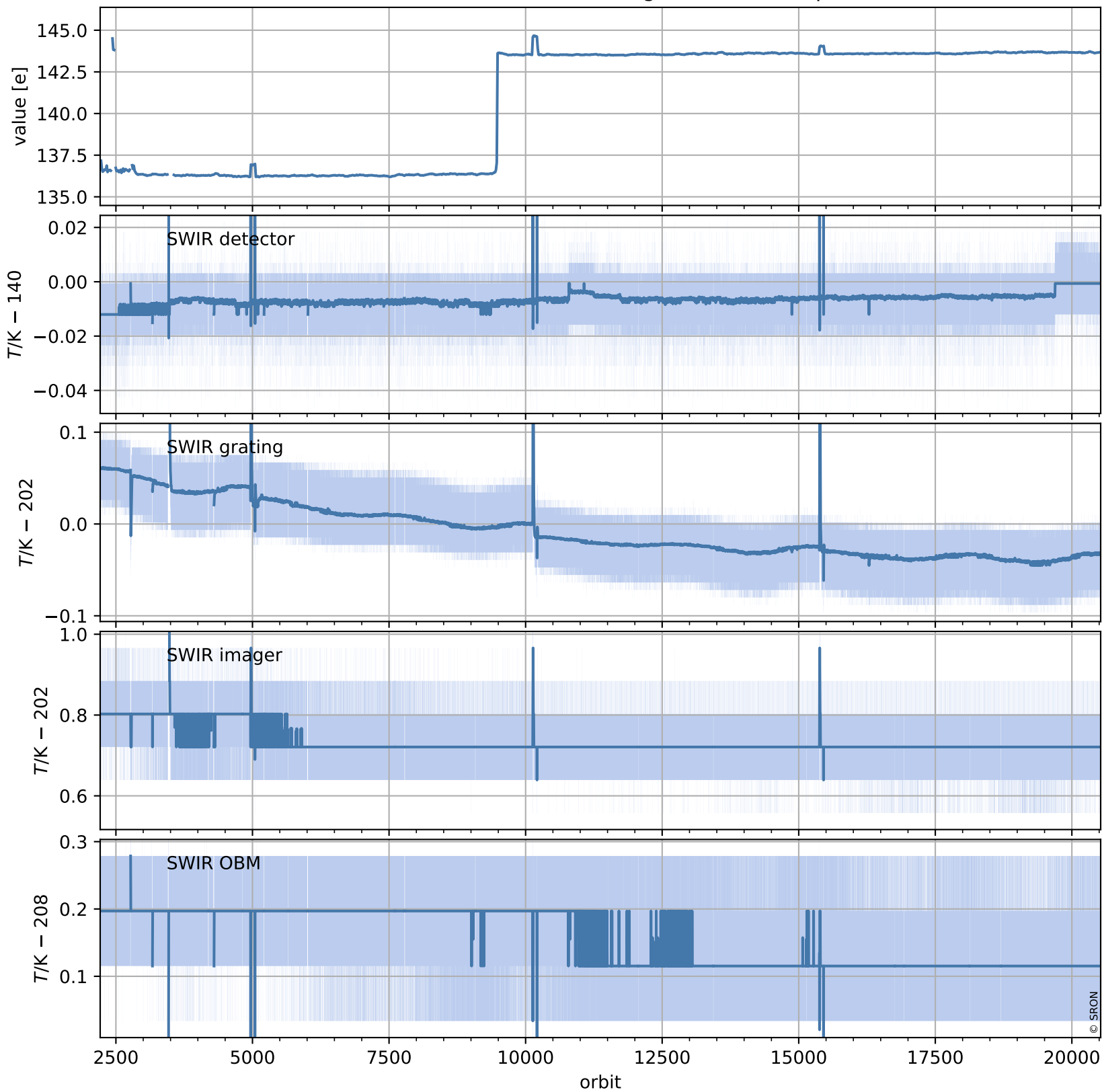
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 20527]  
coverage : 2018-03-18 / 2021-09-28  
created : 2023-08-21T16:12:01

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 20527]  
coverage : 2018-03-18 / 2021-09-28  
created : 2023-08-21T16:12:02

## trend of normalized read-noise & temperatures

