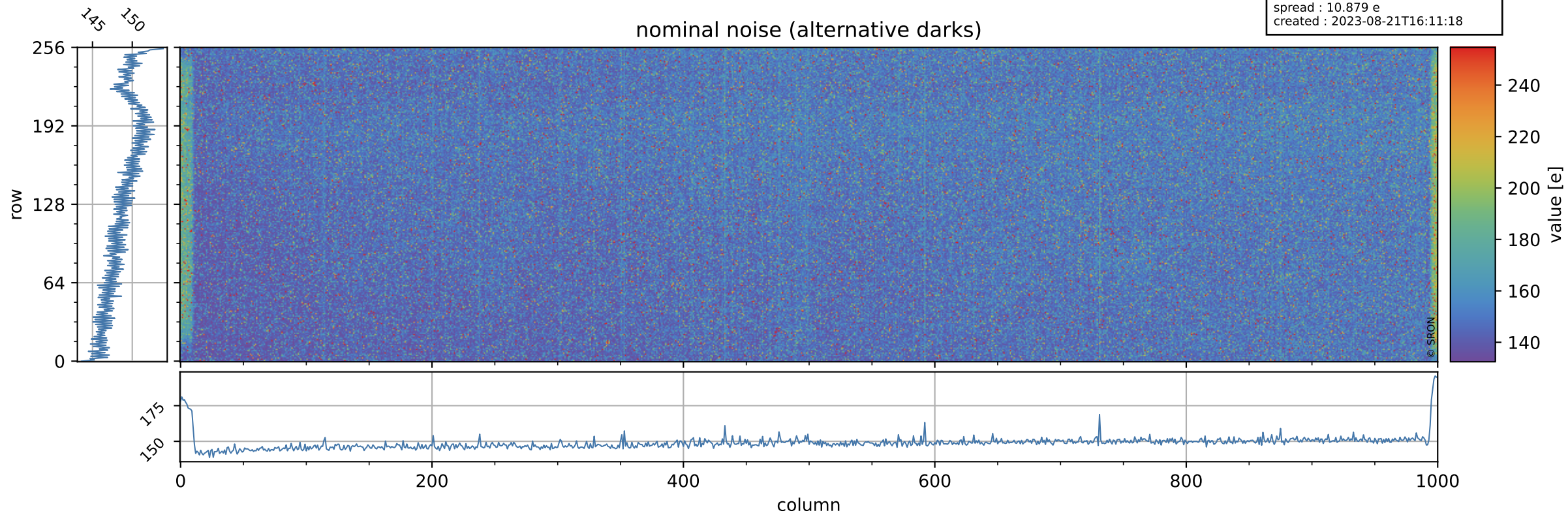


# Tropomi SWIR background noise (swir)

orbits : 12 in [20332, 20422]  
coverage : 2021-09-15 / 2021-09-21  
n\_coad, t\_exp : 1, 1.0783  
median : 148.69 e  
spread : 10.879 e  
created : 2023-08-21T16:11:18

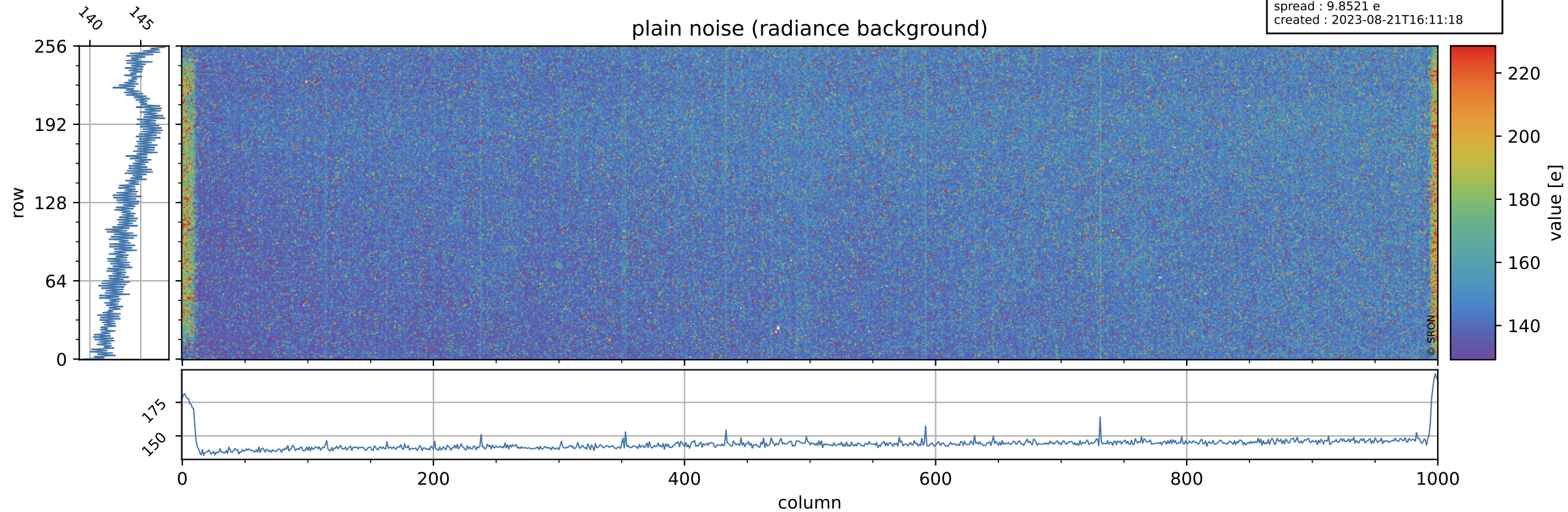
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [20332, 20422]  
coverage : 2021-09-15 / 2021-09-21  
n\_coad, t\_exp : 1, 0.8383  
median : 143.75 e  
spread : 9.8521 e  
created : 2023-08-21T16:11:18

plain noise (radiance background)

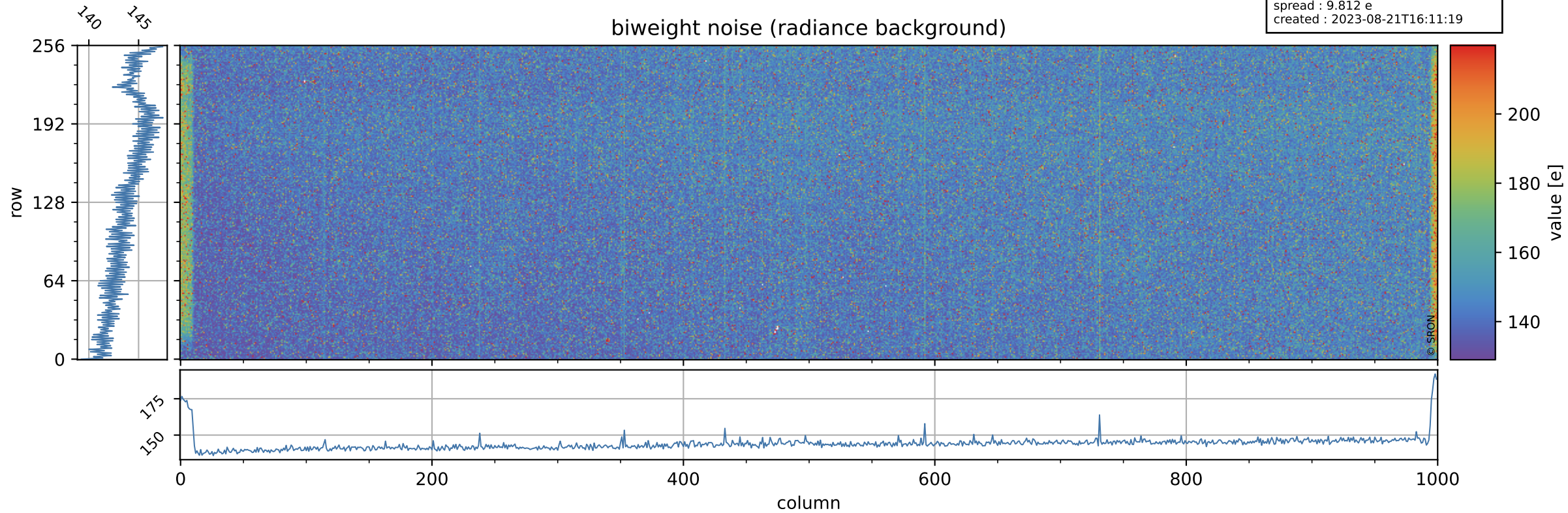




# Tropomi SWIR background noise (swir)

orbits : 12 in [20332, 20422]  
coverage : 2021-09-15 / 2021-09-21  
n\_coad, t\_exp : 1, 0.8383  
median : 143.76 e  
spread : 9.812 e  
created : 2023-08-21T16:11:19

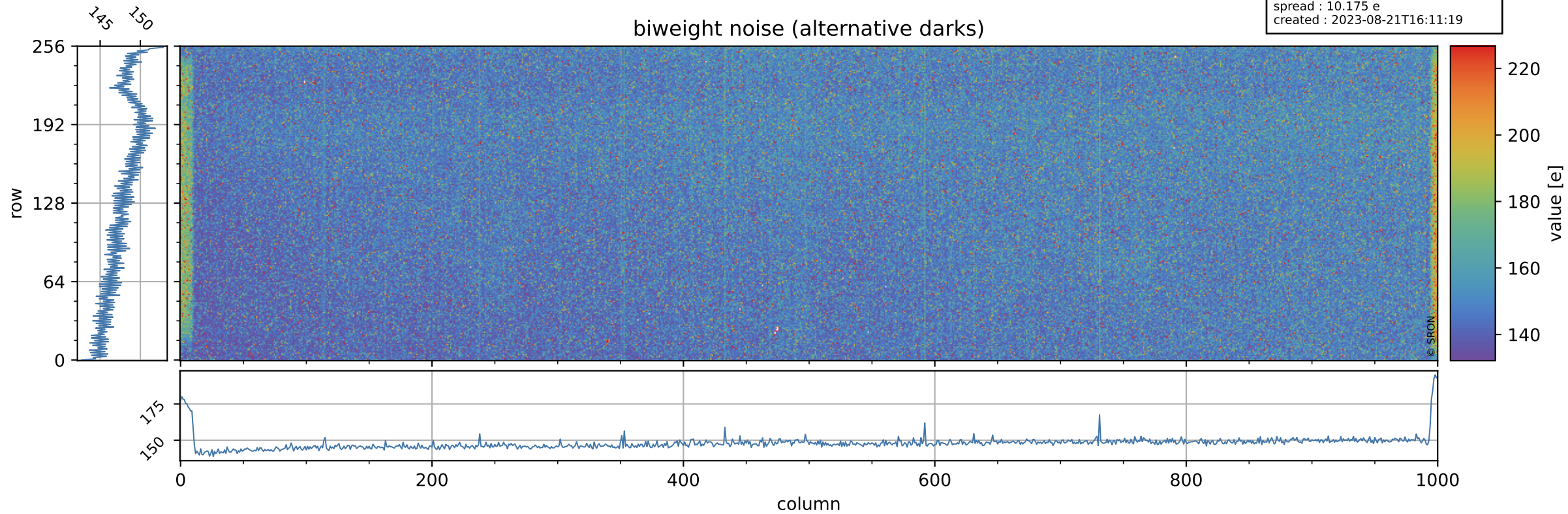
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [20332, 20422]  
coverage : 2021-09-15 / 2021-09-21  
n\_coad, t\_exp : 1, 1.0783  
median : 147.73 e  
spread : 10.175 e  
created : 2023-08-21T16:11:19

## biweight noise (alternative darks)

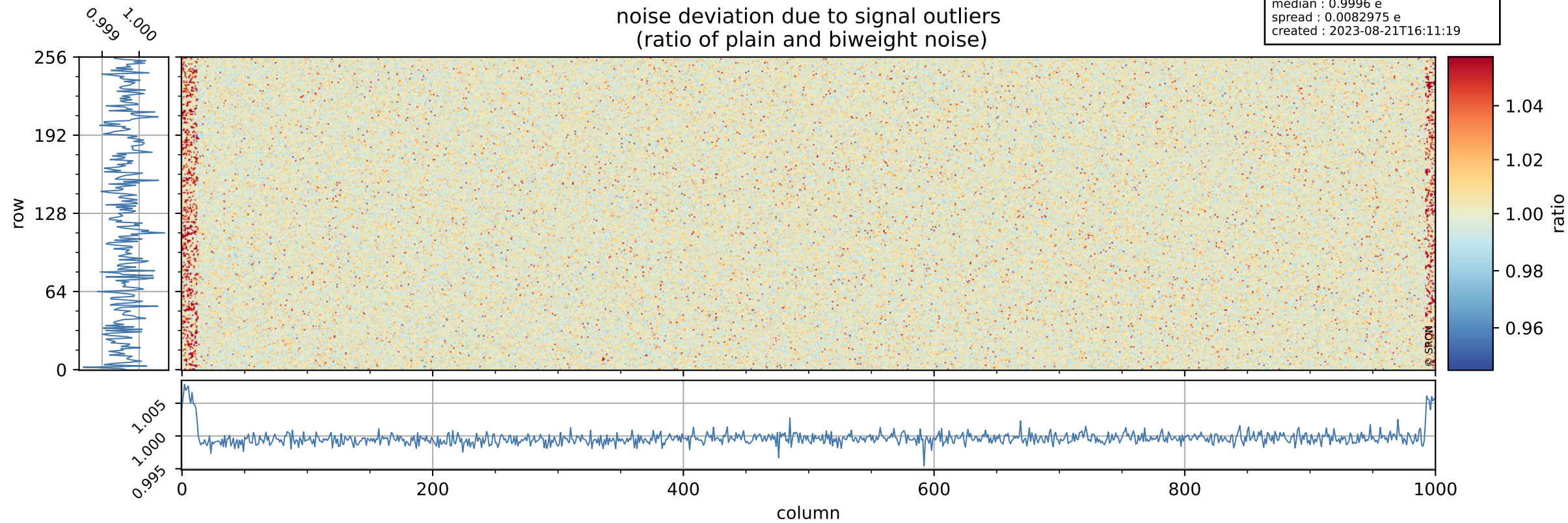




# Tropomi SWIR background noise (swir)

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

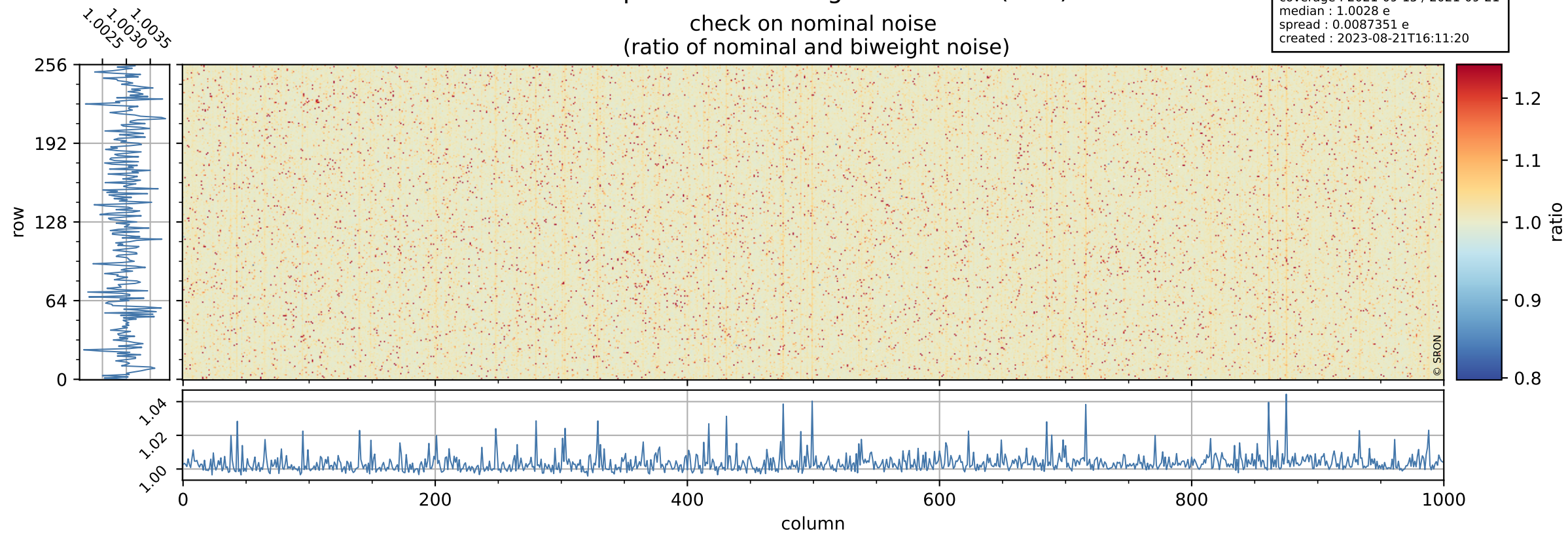
orbits : 12 in [20332, 20422]  
coverage : 2021-09-15 / 2021-09-21  
median : 0.9996 e  
spread : 0.0082975 e  
created : 2023-08-21T16:11:19



# Tropomi SWIR background noise (swir)

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

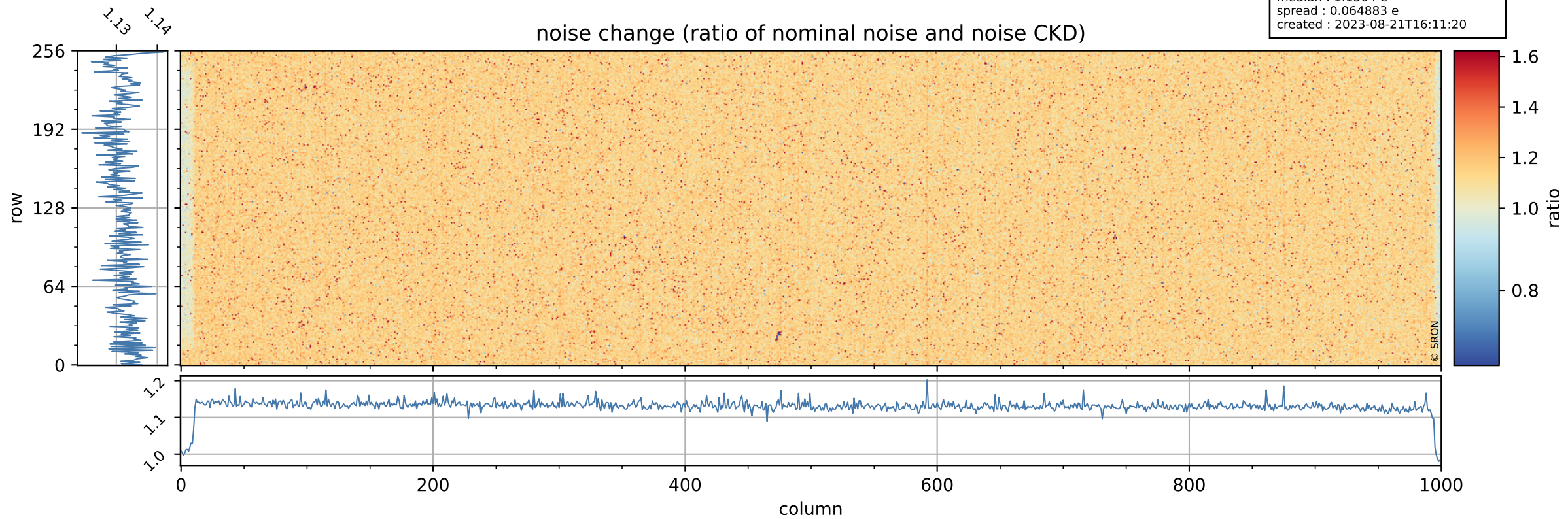
orbits : 12 in [20332, 20422]  
coverage : 2021-09-15 / 2021-09-21  
median : 1.0028 e  
spread : 0.0087351 e  
created : 2023-08-21T16:11:20





# Tropomi SWIR background noise (swir)

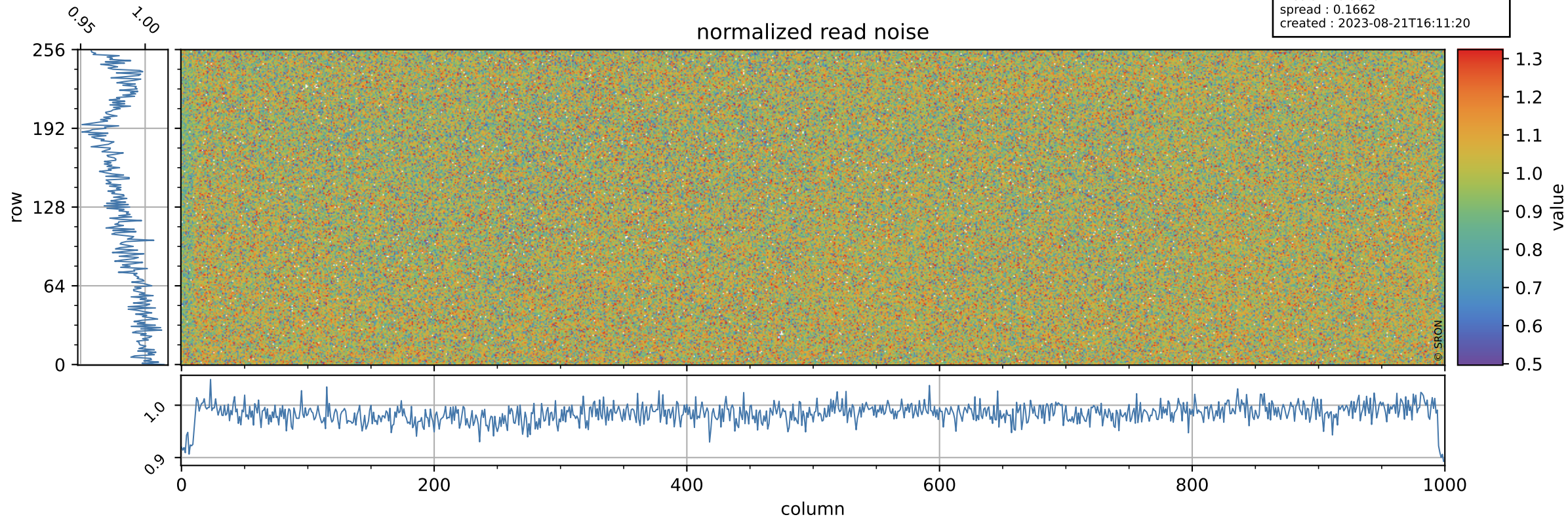
orbits : 12 in [20332, 20422]  
coverage : 2021-09-15 / 2021-09-21  
median : 1.1304 e  
spread : 0.064883 e  
created : 2023-08-21T16:11:20





# Tropomi SWIR background noise (swir)

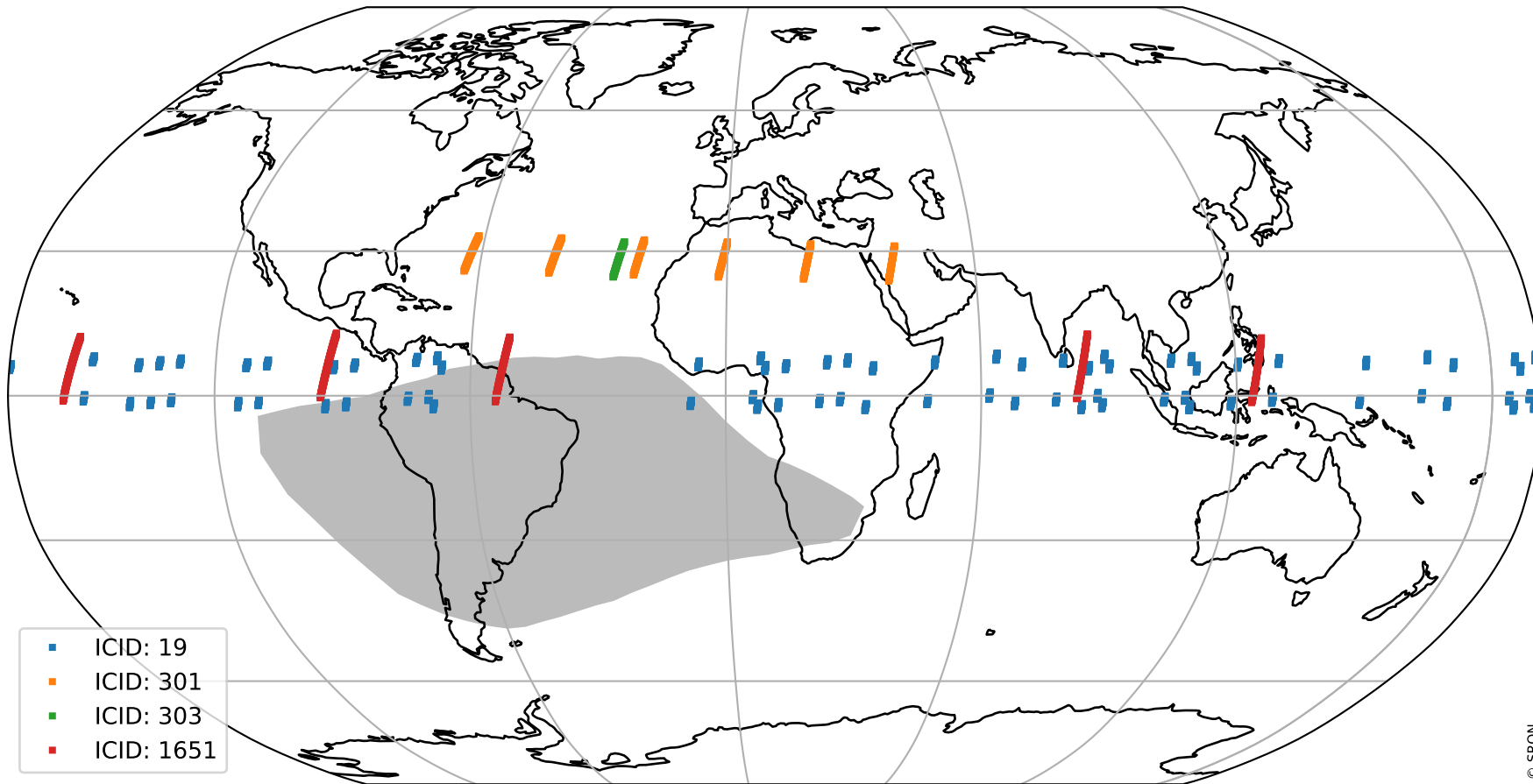
orbits : 12 in [20332, 20422]  
coverage : 2021-09-15 / 2021-09-21  
median : 0.98262  
spread : 0.1662  
created : 2023-08-21T16:11:20





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

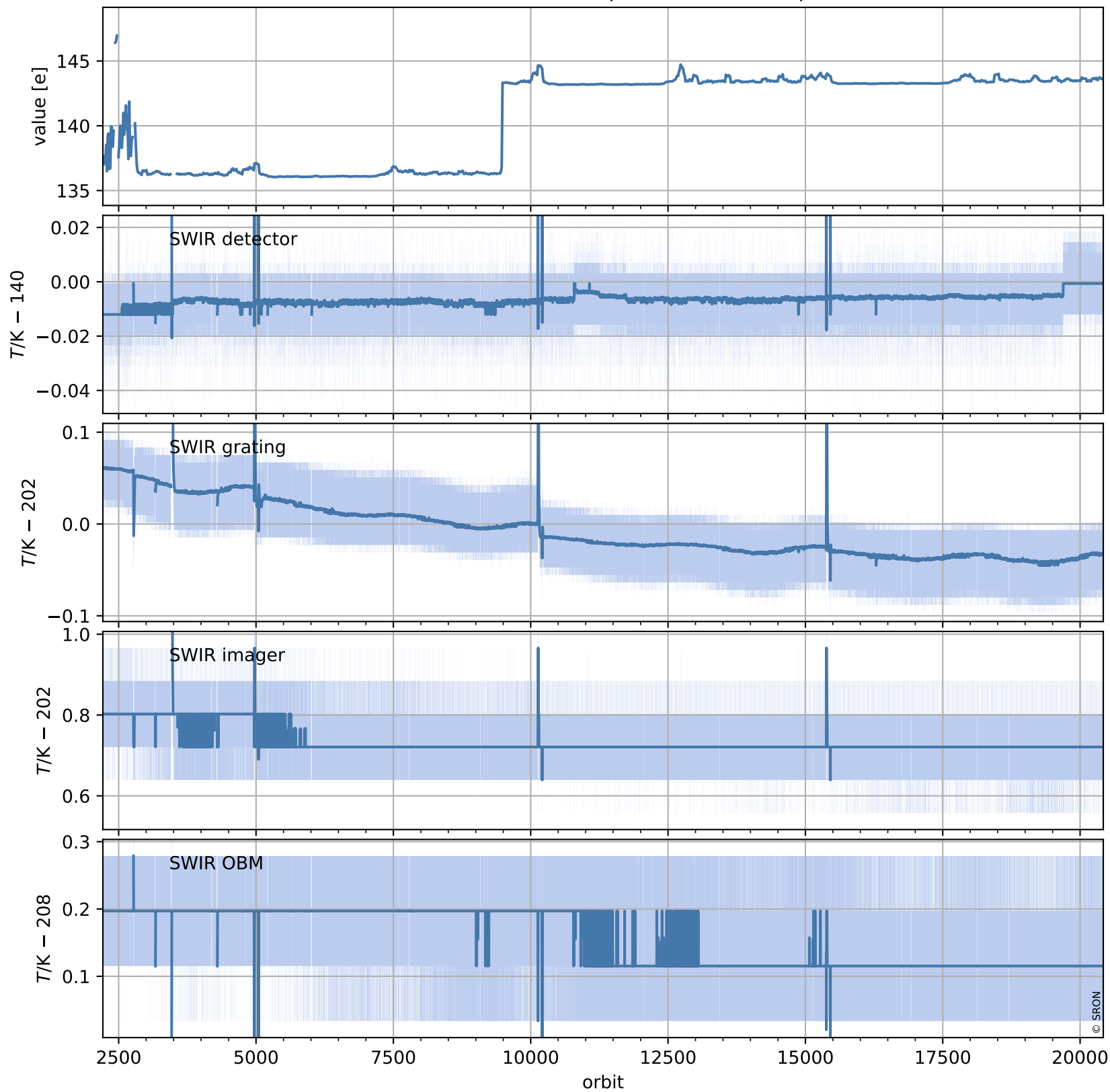
orbits : 12 in [20332, 20422]  
coverage : 2021-09-15 / 2021-09-21  
created : 2023-08-21T16:11:21



# Tropomi SWIR background noise (swir)

orbits : [2212, 20422]  
coverage : 2018-03-18 / 2021-09-21  
created : 2023-08-21T16:11:21

## trend of detector median of plain noise & temperatures

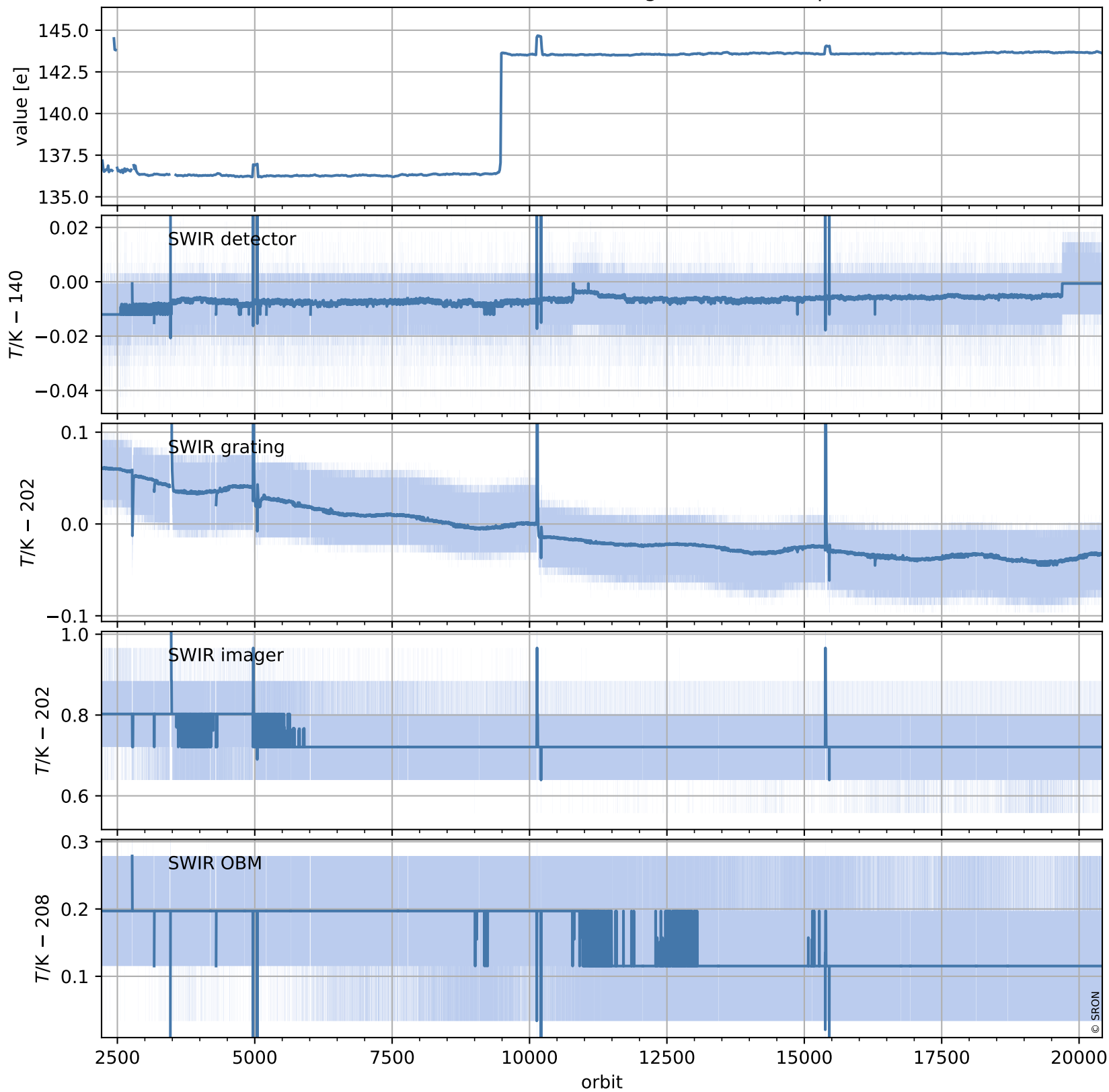




# Tropomi SWIR background noise (swir)

orbits : [2212, 20422]  
coverage : 2018-03-18 / 2021-09-21  
created : 2023-08-21T16:11:22

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 20422]  
coverage : 2018-03-18 / 2021-09-21  
created : 2023-08-21T16:11:23

## trend of normalized read-noise & temperatures

