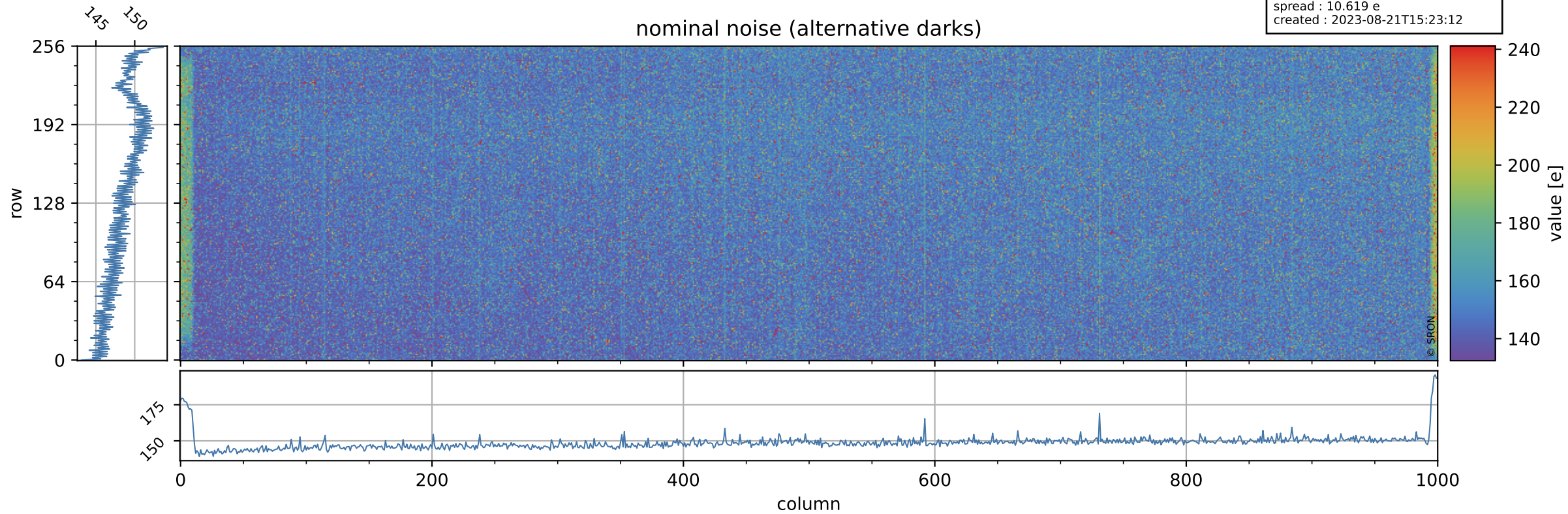


# Tropomi SWIR background noise (swir)

orbits : 12 in [11902, 11977]  
coverage : 2020-01-29 / 2020-02-04  
n\_coad, t\_exp : 1, 1.0783  
median : 148.44 e  
spread : 10.619 e  
created : 2023-08-21T15:23:12

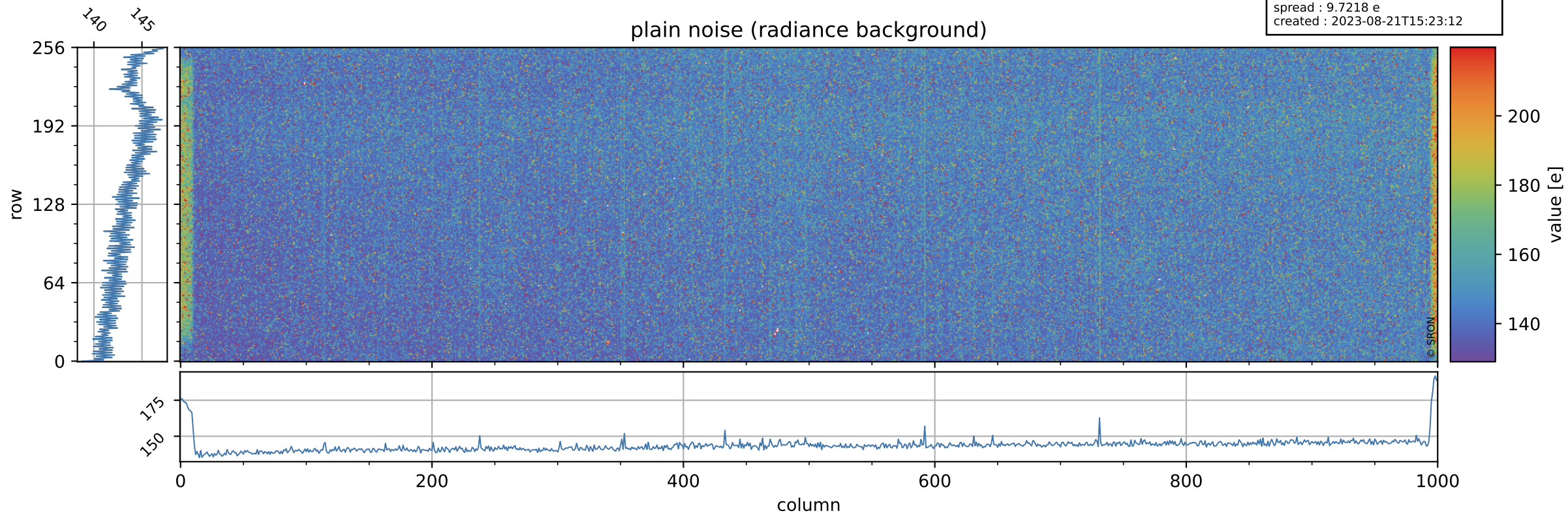
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11902, 11977]  
coverage : 2020-01-29 / 2020-02-04  
n\_coad, t\_exp : 1, 0.8383  
median : 143.34 e  
spread : 9.7218 e  
created : 2023-08-21T15:23:12

plain noise (radiance background)

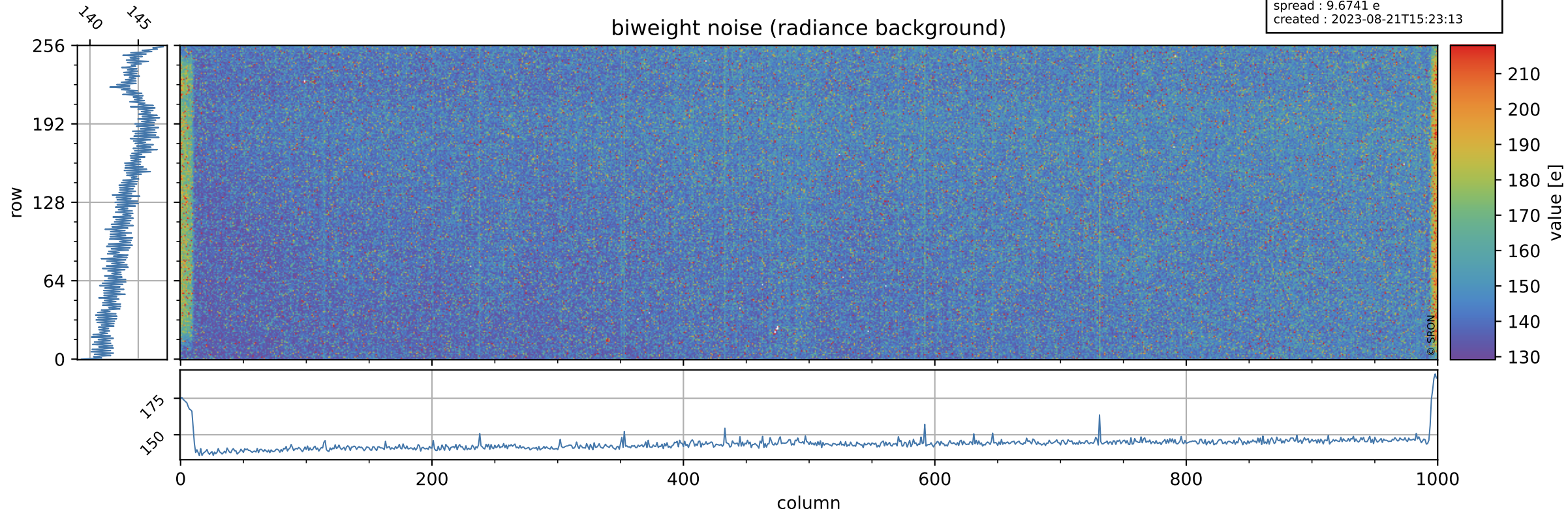




# Tropomi SWIR background noise (swir)

orbits : 12 in [11902, 11977]  
coverage : 2020-01-29 / 2020-02-04  
n\_coad, t\_exp : 1, 0.8383  
median : 143.68 e  
spread : 9.6741 e  
created : 2023-08-21T15:23:13

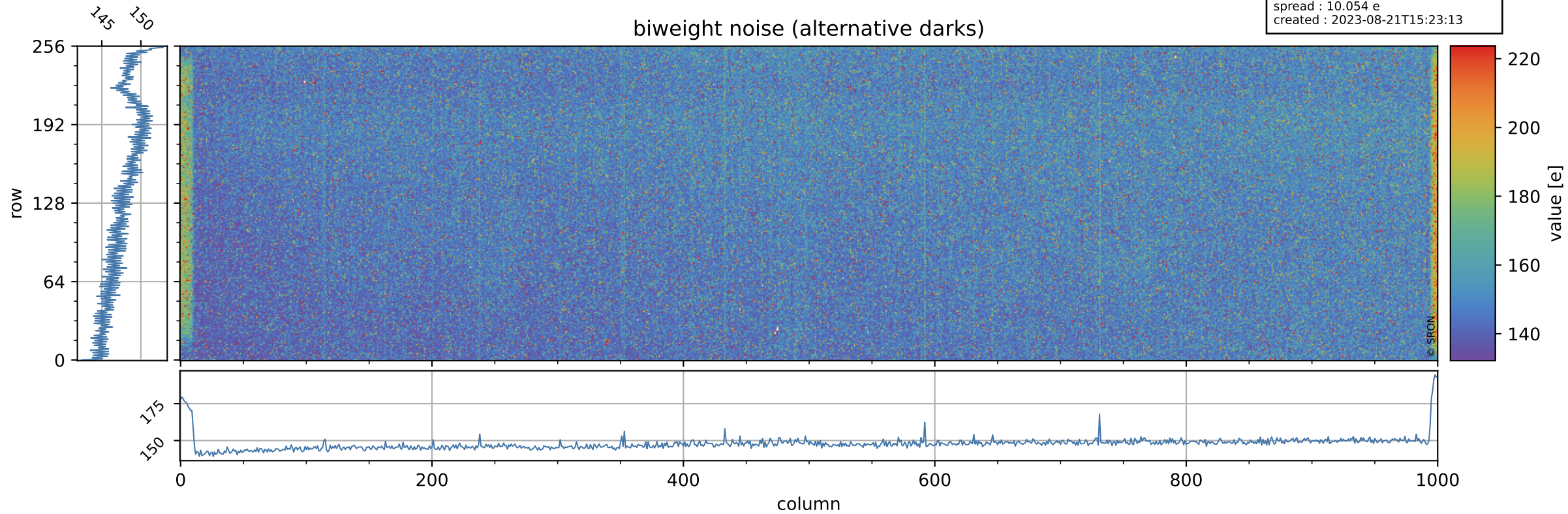
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11902, 11977]  
coverage : 2020-01-29 / 2020-02-04  
n\_coad, t\_exp : 1, 1.0783  
median : 147.65 e  
spread : 10.054 e  
created : 2023-08-21T15:23:13

## biweight noise (alternative darks)

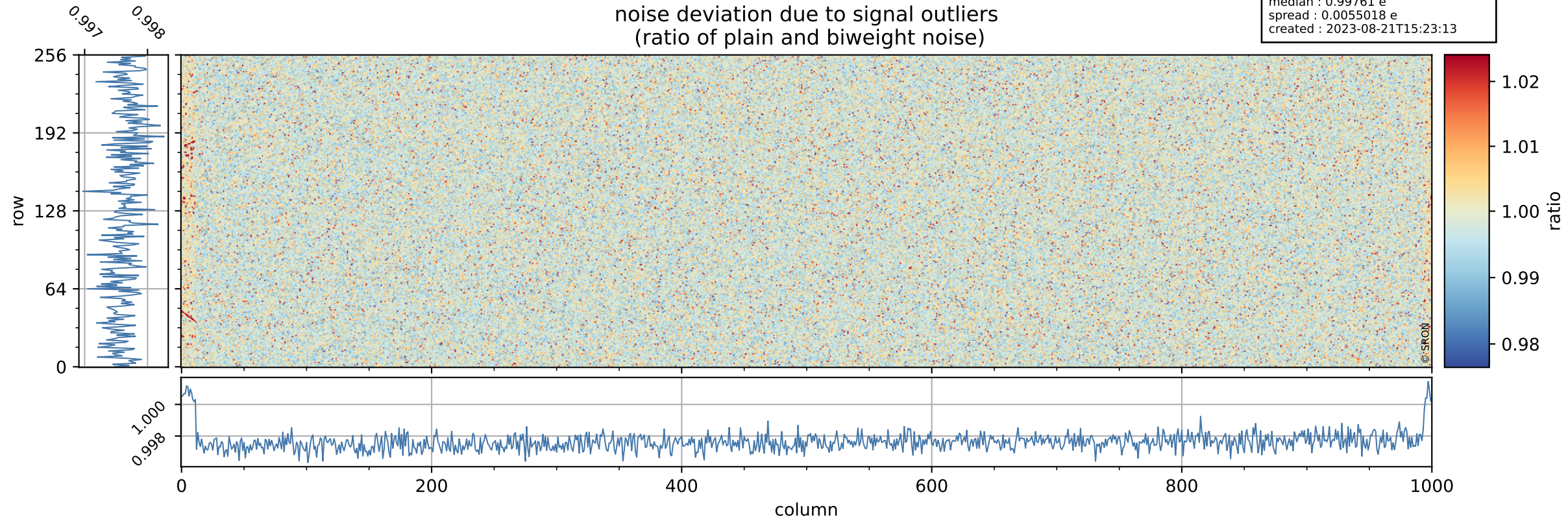




# Tropomi SWIR background noise (swir)

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

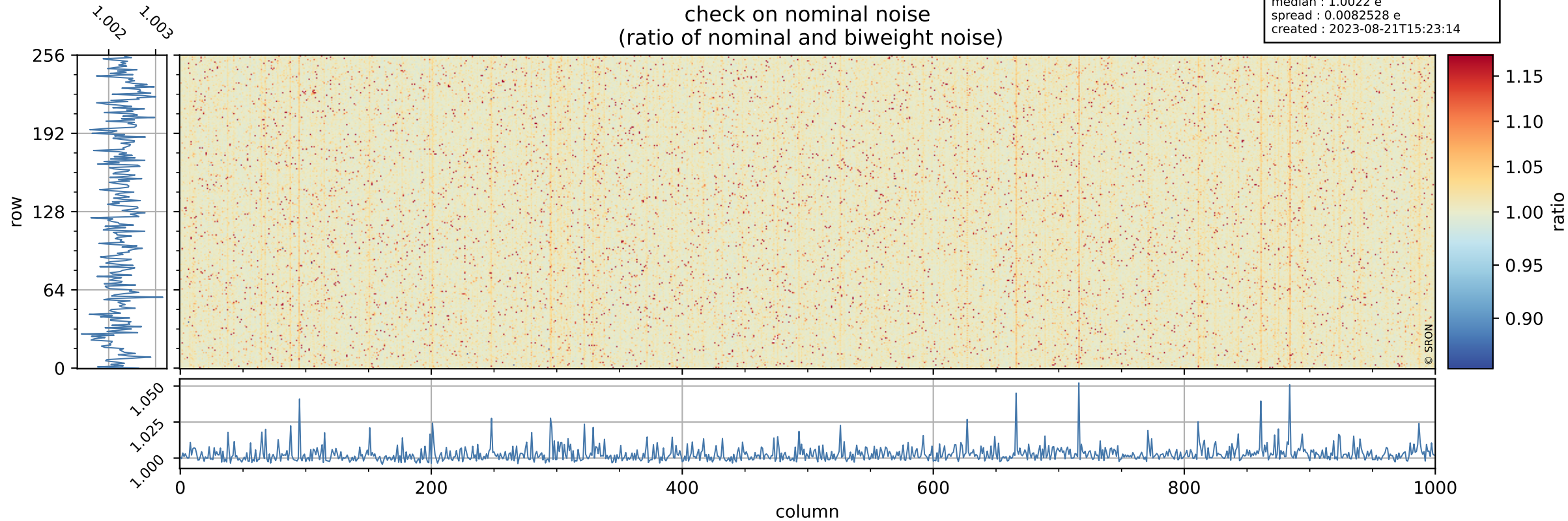
orbits : 12 in [11902, 11977]  
coverage : 2020-01-29 / 2020-02-04  
median : 0.99761 e  
spread : 0.0055018 e  
created : 2023-08-21T15:23:13



# Tropomi SWIR background noise (swir)

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

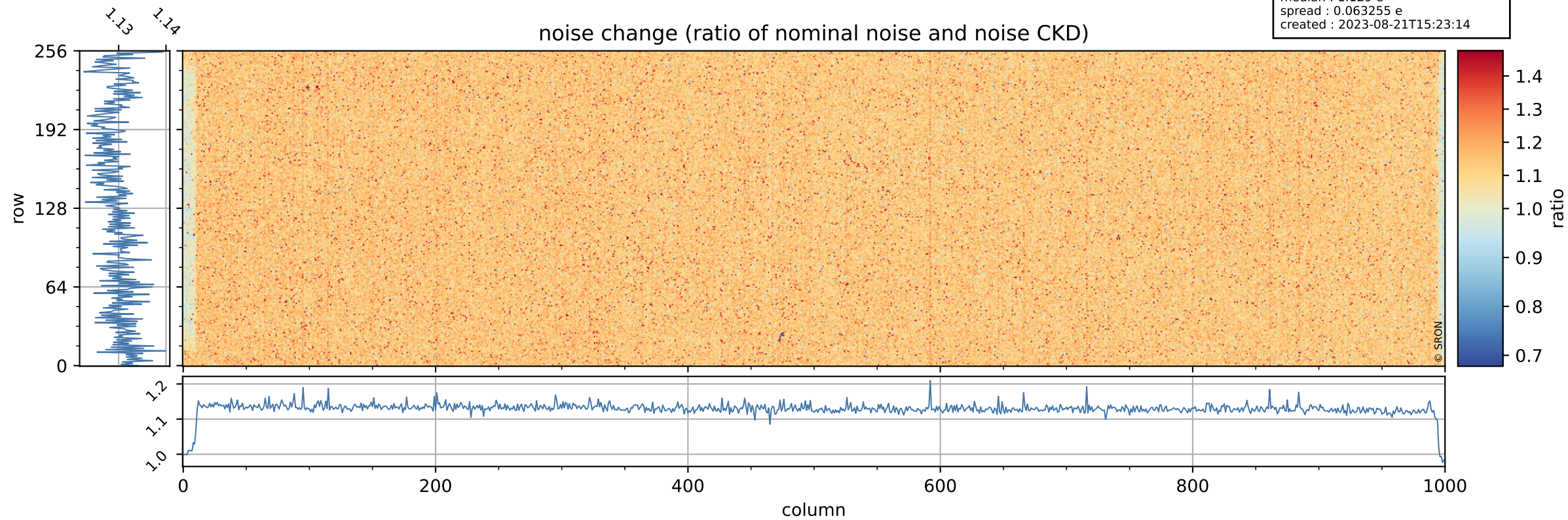
orbits : 12 in [11902, 11977]  
coverage : 2020-01-29 / 2020-02-04  
median : 1.0022 e  
spread : 0.0082528 e  
created : 2023-08-21T15:23:14





# Tropomi SWIR background noise (swir)

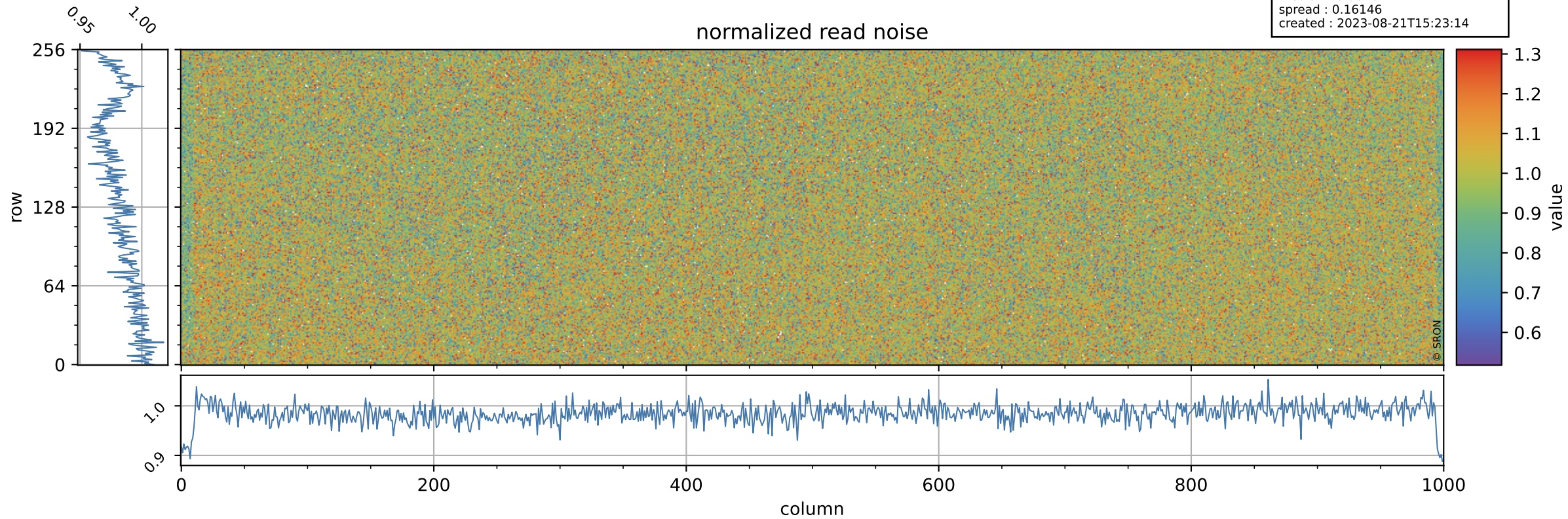
orbits : 12 in [11902, 11977]  
coverage : 2020-01-29 / 2020-02-04  
median : 1.129 e  
spread : 0.063255 e  
created : 2023-08-21T15:23:14





# Tropomi SWIR background noise (swir)

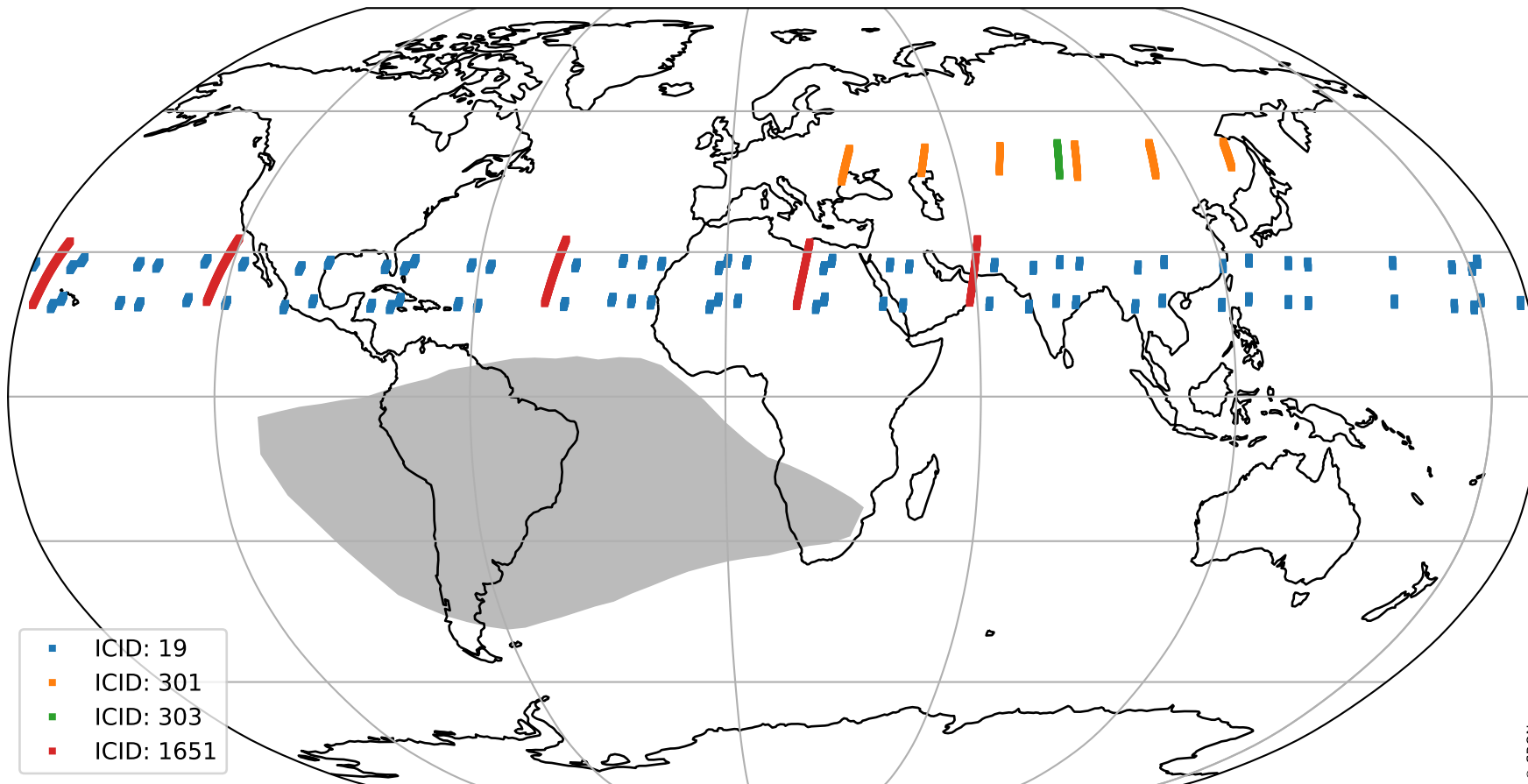
orbits : 12 in [11902, 11977]  
coverage : 2020-01-29 / 2020-02-04  
median : 0.98267  
spread : 0.16146  
created : 2023-08-21T15:23:14





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

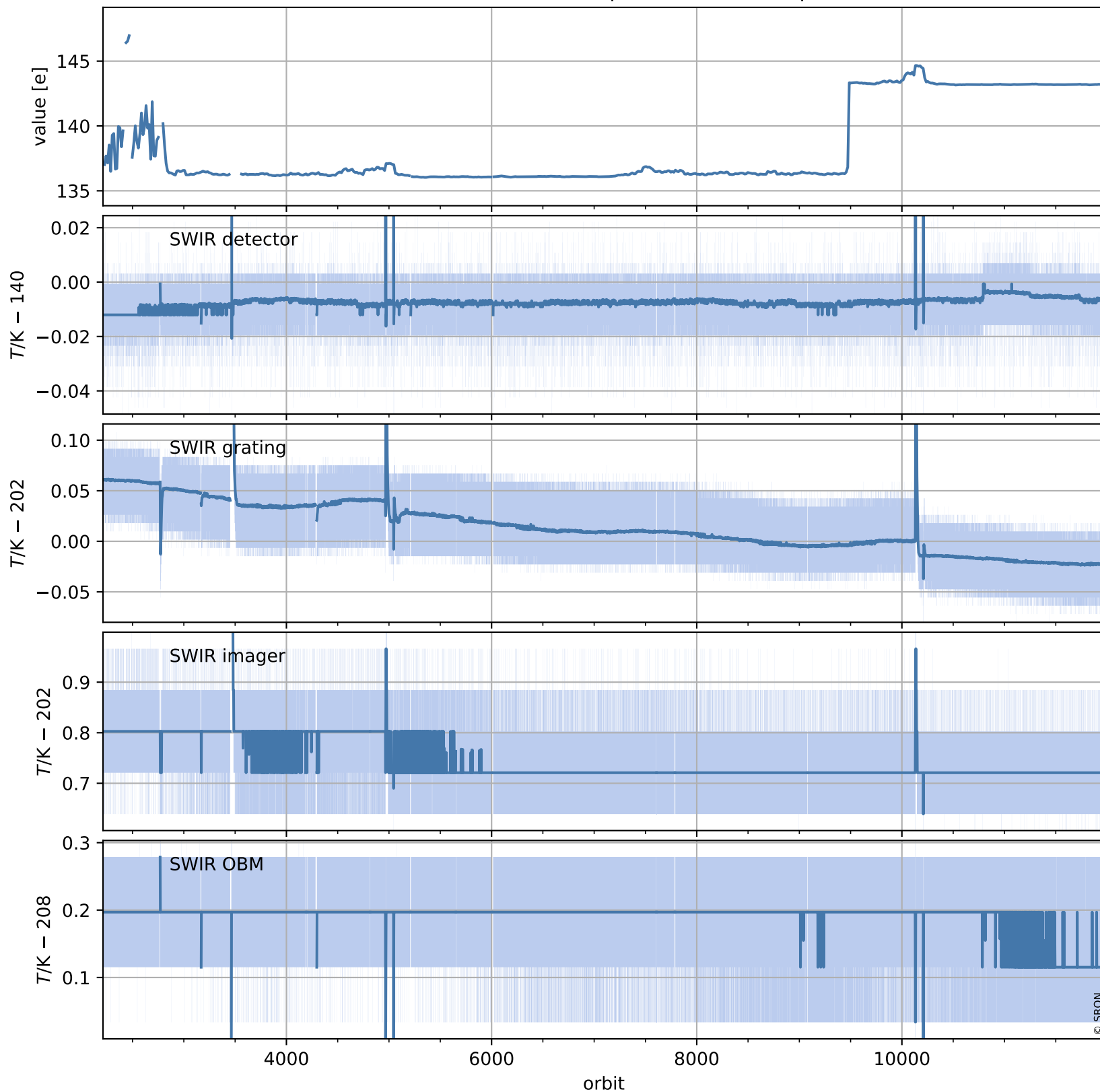
orbits : 12 in [11902, 11977]  
coverage : 2020-01-29 / 2020-02-04  
created : 2023-08-21T15:23:14



# Tropomi SWIR background noise (swir)

orbits : [2212, 11977]  
coverage : 2018-03-18 / 2020-02-04  
created : 2023-08-21T15:23:15

## trend of detector median of plain noise & temperatures

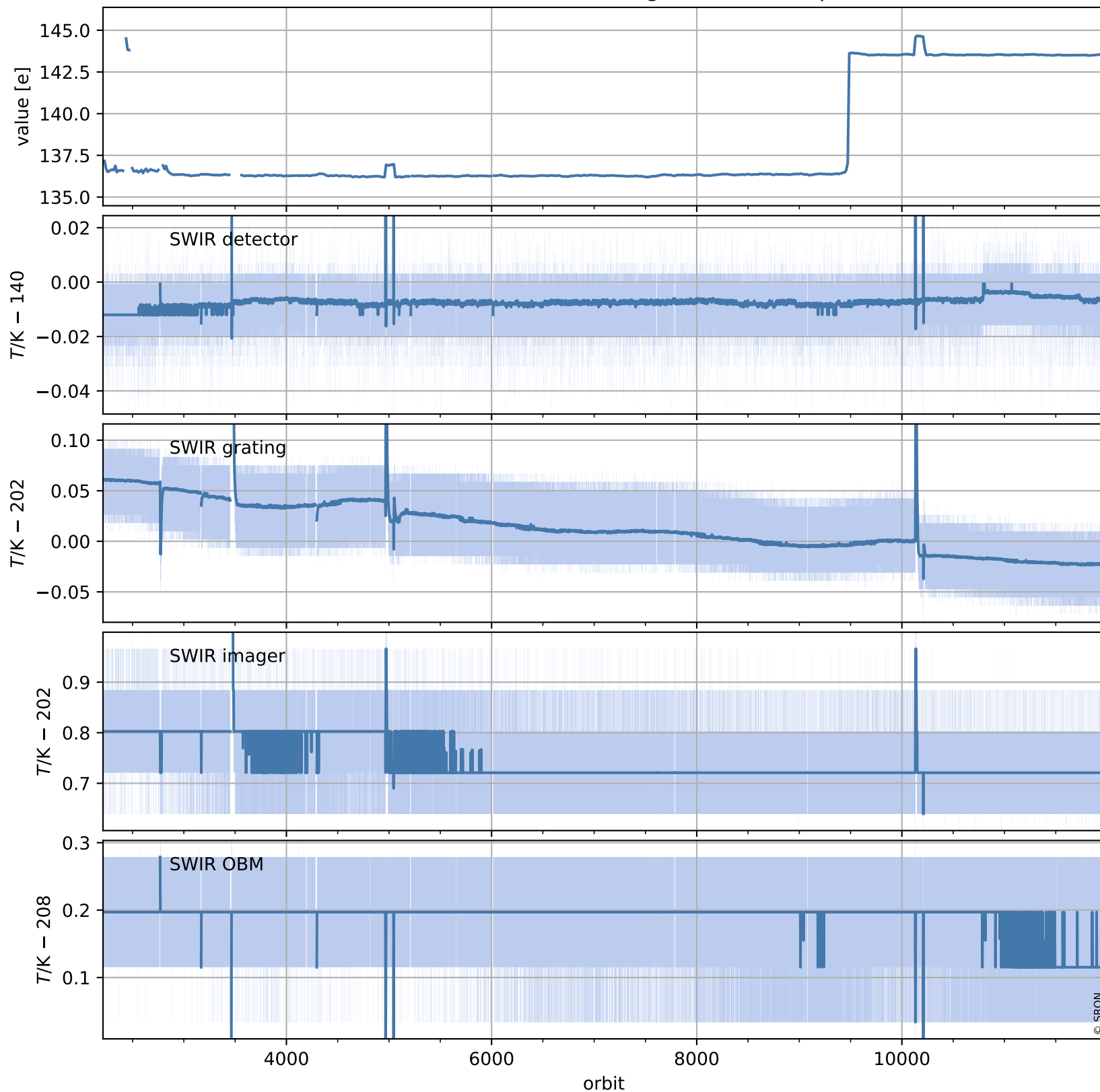




# Tropomi SWIR background noise (swir)

orbits : [2212, 11977]  
coverage : 2018-03-18 / 2020-02-04  
created : 2023-08-21T15:23:16

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11977]  
coverage : 2018-03-18 / 2020-02-04  
created : 2023-08-21T15:23:16

## trend of normalized read-noise & temperatures

