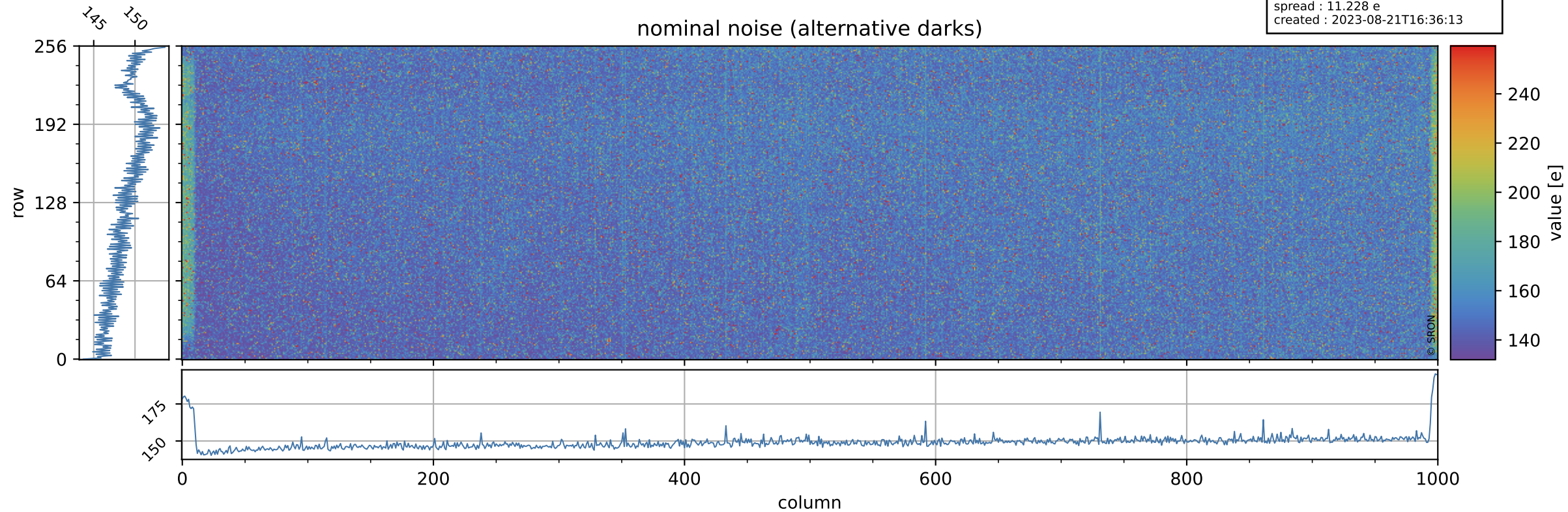


# Tropomi SWIR background noise (swir)

orbits : 12 in [24262, 24352]  
coverage : 2022-06-19 / 2022-06-25  
n\_coad, t\_exp : 1, 1.0783  
median : 148.86 e  
spread : 11.228 e  
created : 2023-08-21T16:36:13

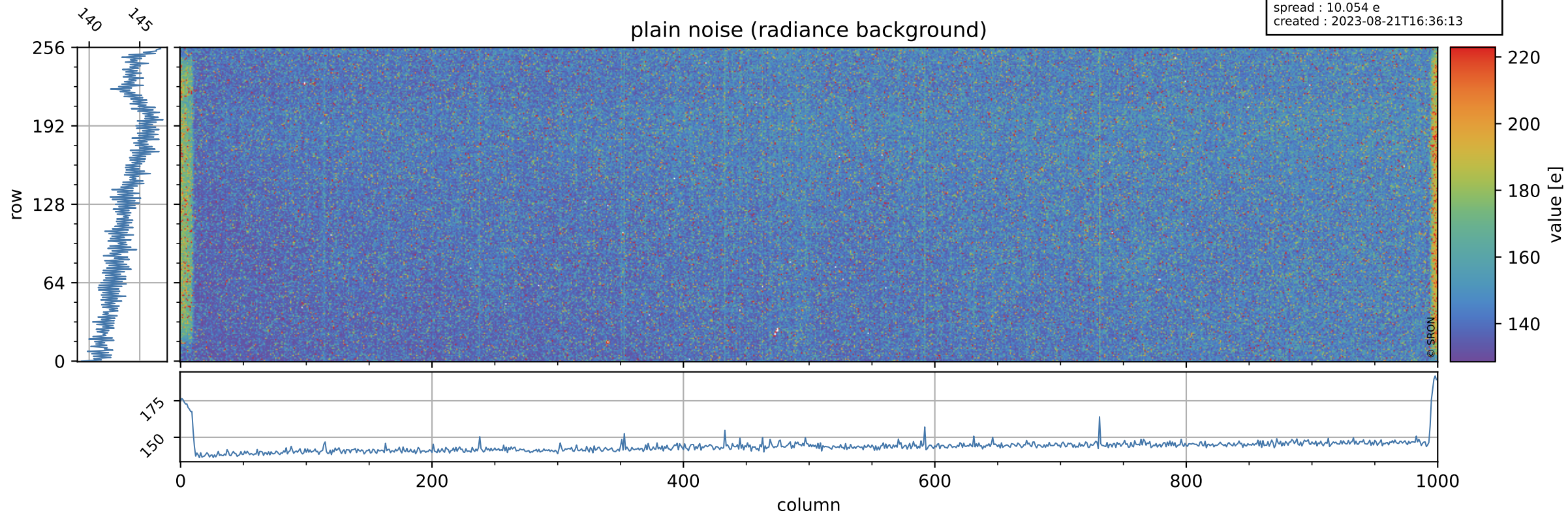
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24262, 24352]  
coverage : 2022-06-19 / 2022-06-25  
n\_coad, t\_exp : 1, 0.8383  
median : 143.61 e  
spread : 10.054 e  
created : 2023-08-21T16:36:13

plain noise (radiance background)

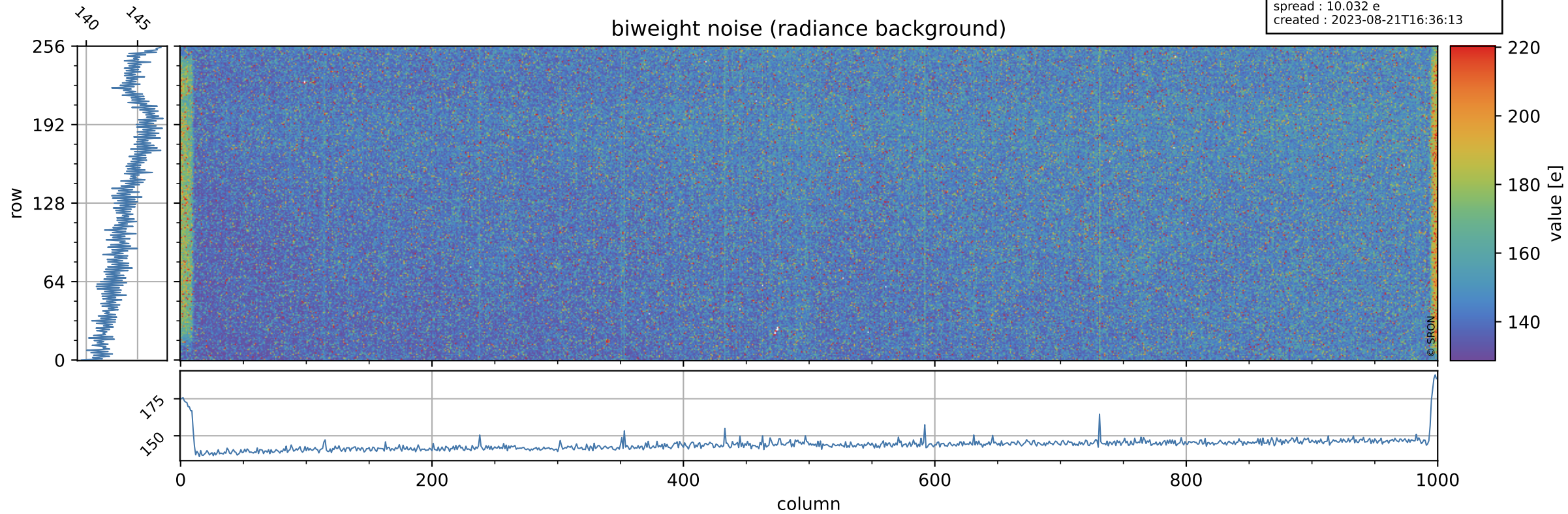




# Tropomi SWIR background noise (swir)

orbits : 12 in [24262, 24352]  
coverage : 2022-06-19 / 2022-06-25  
n\_coad, t\_exp : 1, 0.8383  
median : 143.88 e  
spread : 10.032 e  
created : 2023-08-21T16:36:13

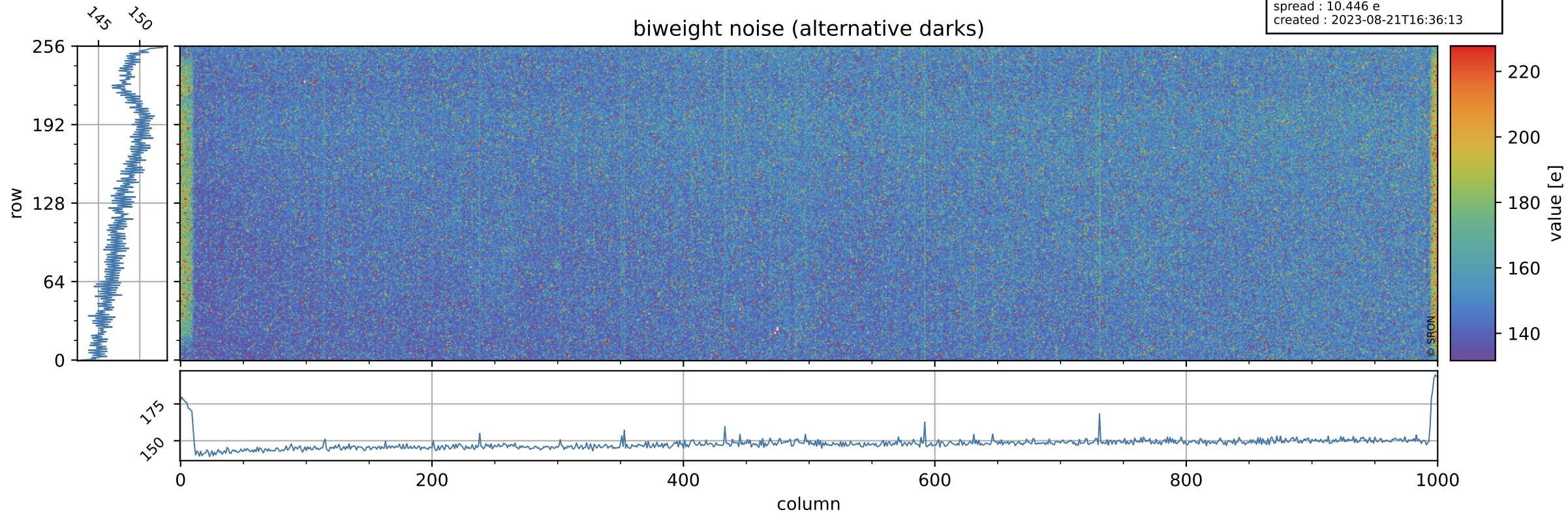
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24262, 24352]  
coverage : 2022-06-19 / 2022-06-25  
n\_coad, t\_exp : 1, 1.0783  
median : 147.84 e  
spread : 10.446 e  
created : 2023-08-21T16:36:13

## biweight noise (alternative darks)

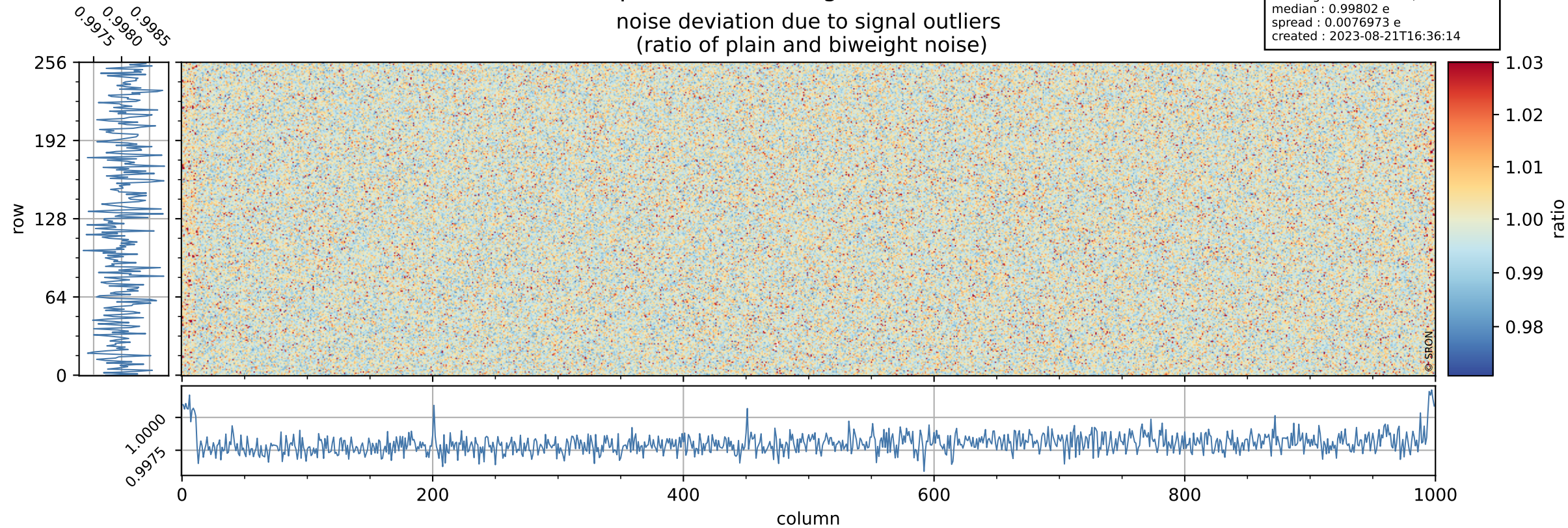




# Tropomi SWIR background noise (swir)

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

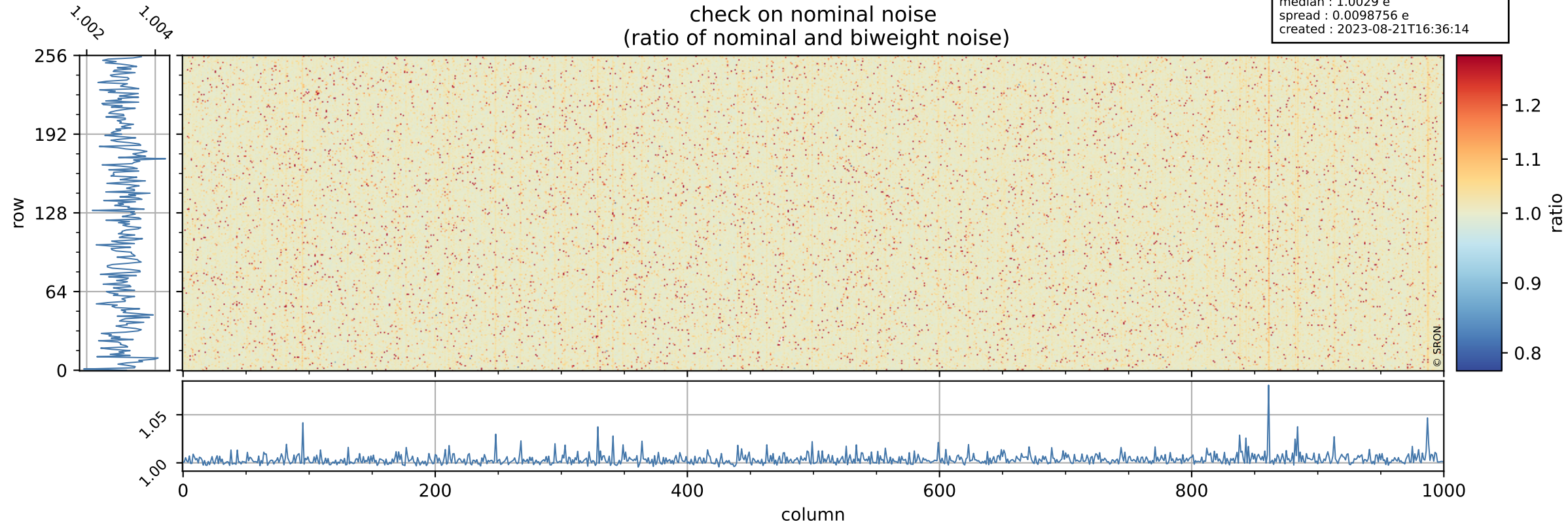
orbits : 12 in [24262, 24352]  
coverage : 2022-06-19 / 2022-06-25  
median : 0.99802 e  
spread : 0.0076973 e  
created : 2023-08-21T16:36:14



# Tropomi SWIR background noise (swir)

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

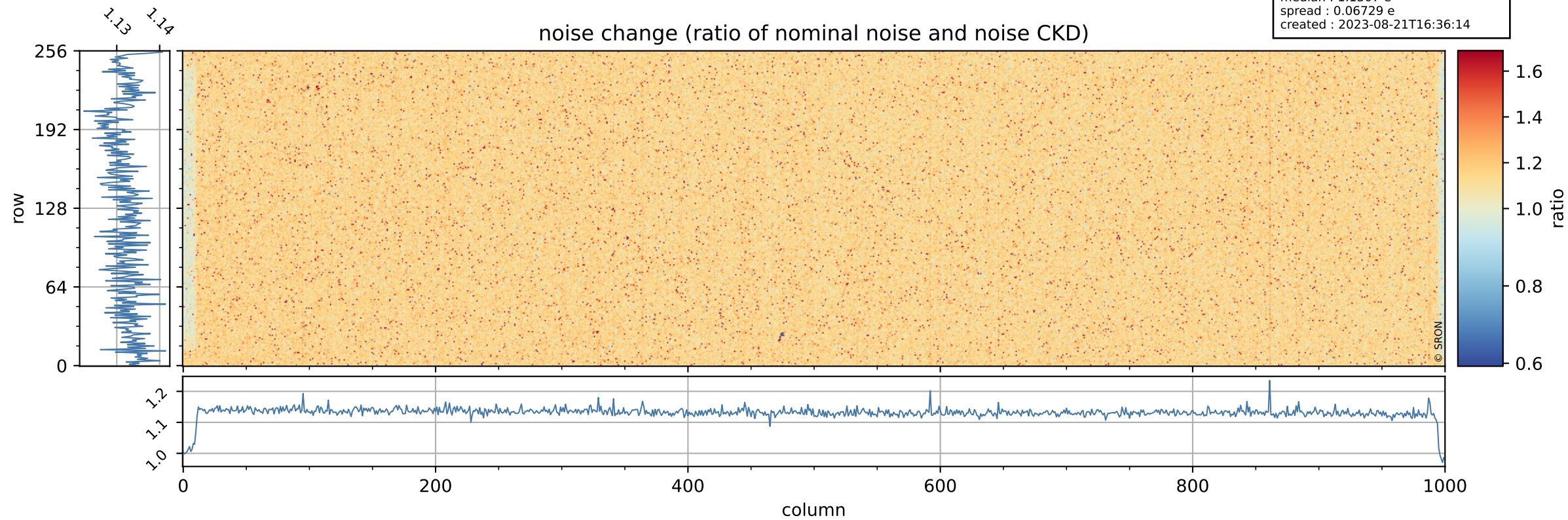
orbits : 12 in [24262, 24352]  
coverage : 2022-06-19 / 2022-06-25  
median : 1.0029 e  
spread : 0.0098756 e  
created : 2023-08-21T16:36:14





# Tropomi SWIR background noise (swir)

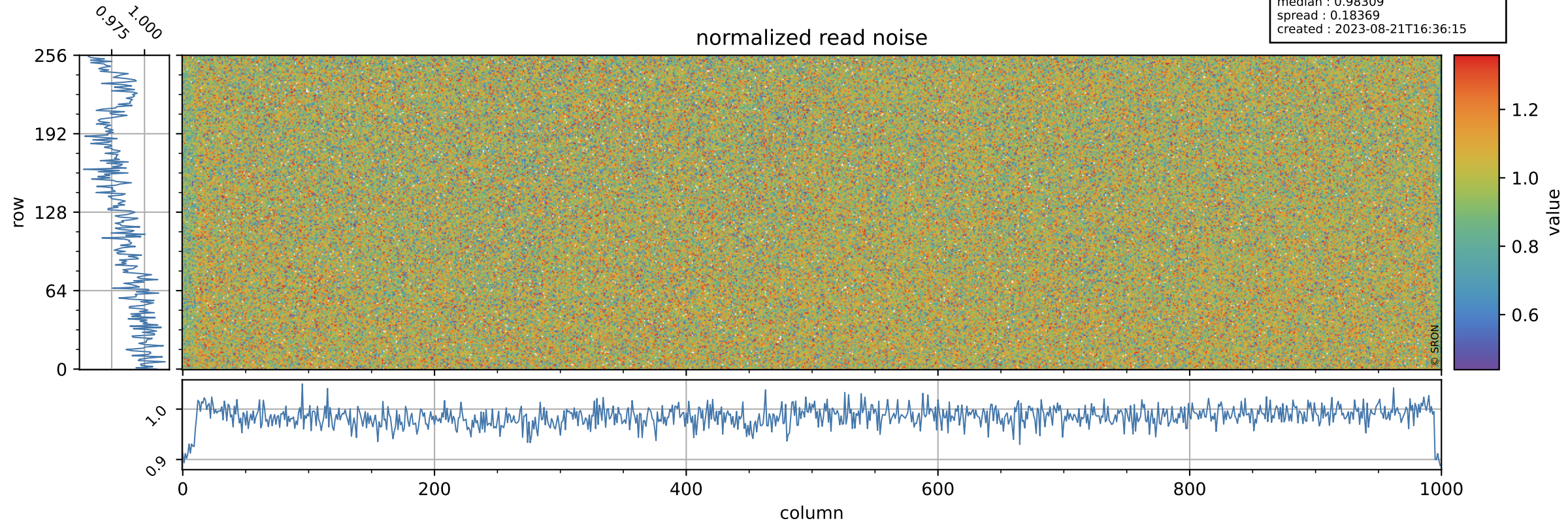
orbits : 12 in [24262, 24352]  
coverage : 2022-06-19 / 2022-06-25  
median : 1.1307 e  
spread : 0.06729 e  
created : 2023-08-21T16:36:14





# Tropomi SWIR background noise (swir)

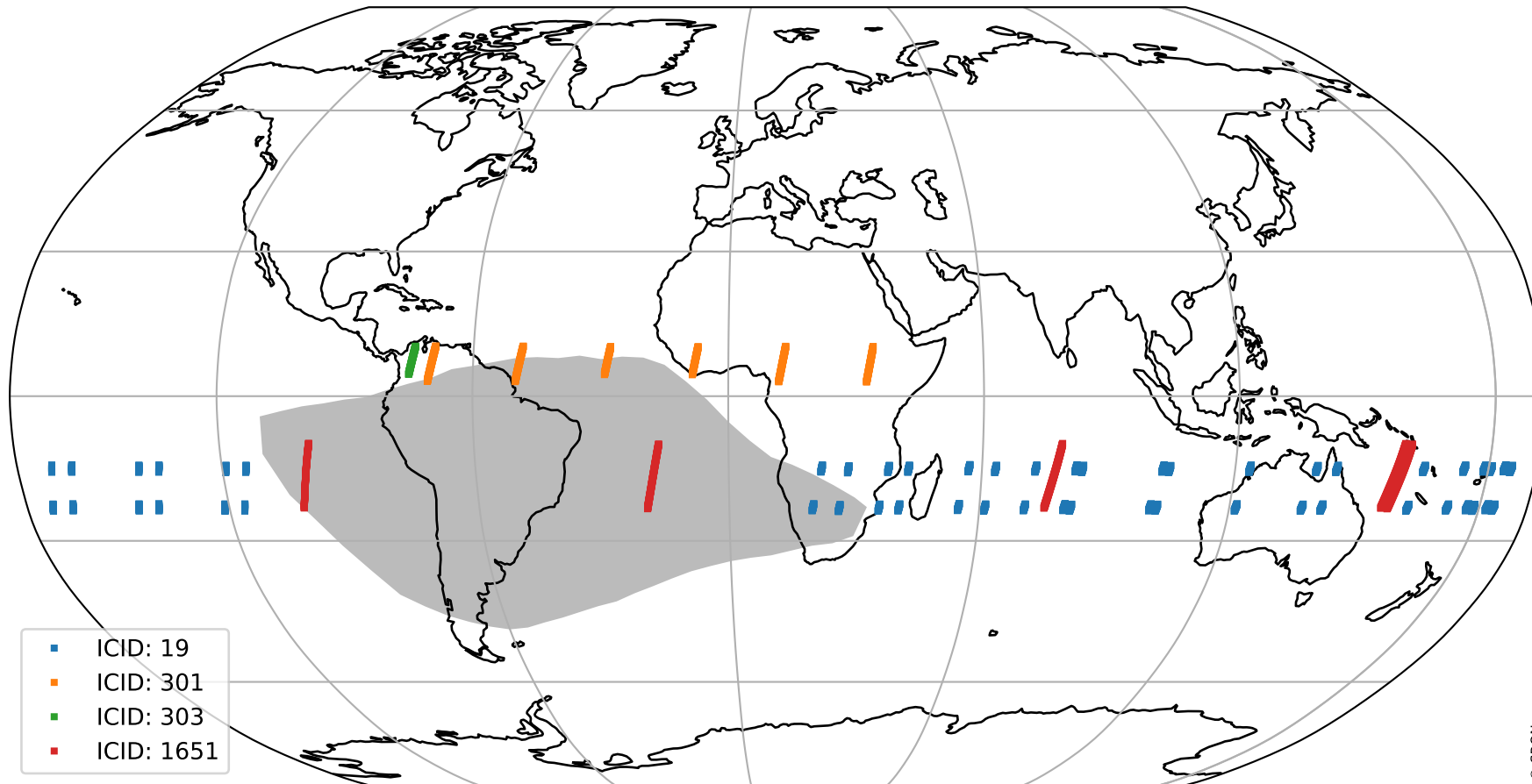
orbits : 12 in [24262, 24352]  
coverage : 2022-06-19 / 2022-06-25  
median : 0.98309  
spread : 0.18369  
created : 2023-08-21T16:36:15





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

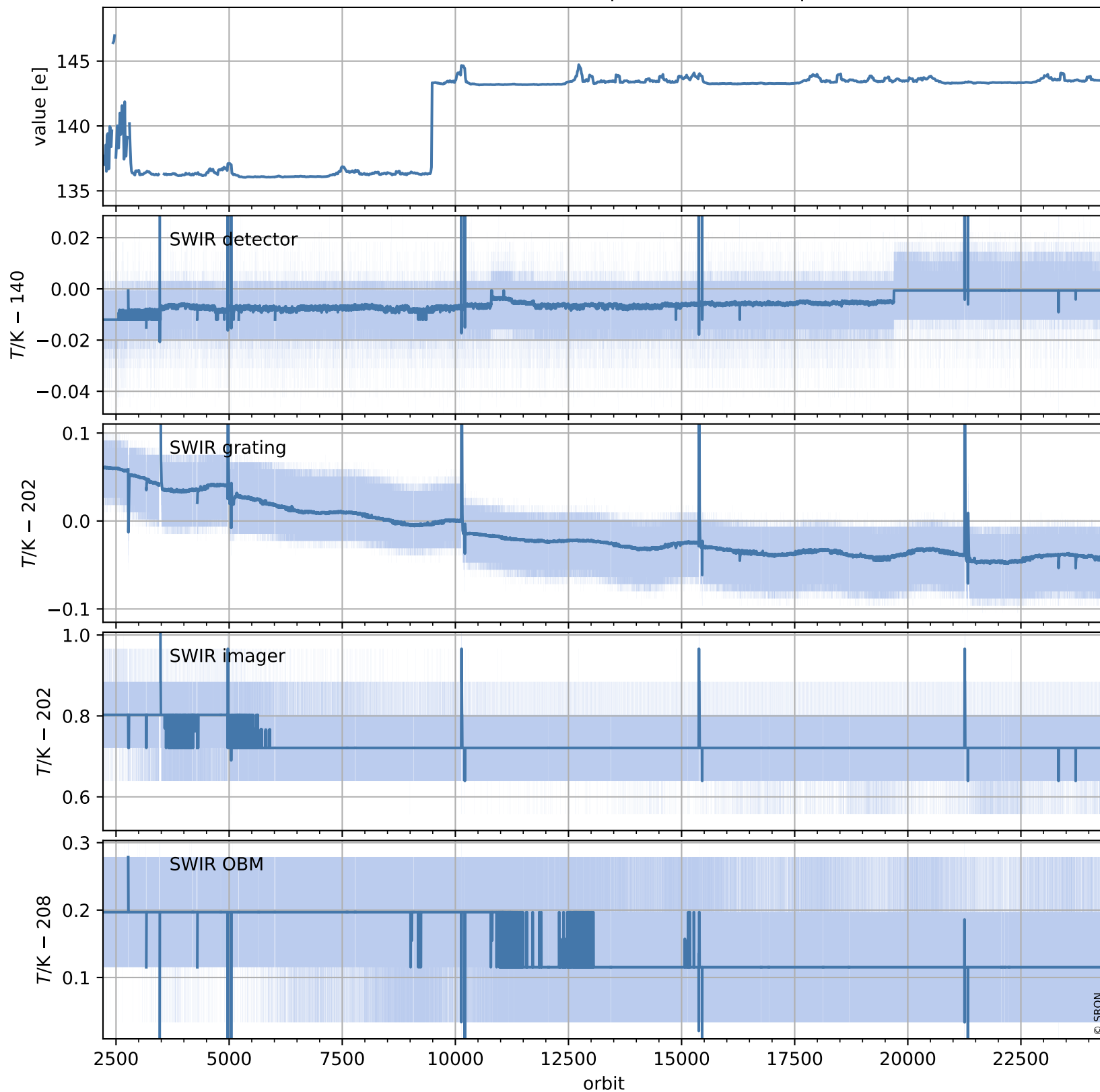
orbits : 12 in [24262, 24352]  
coverage : 2022-06-19 / 2022-06-25  
created : 2023-08-21T16:36:15



# Tropomi SWIR background noise (swir)

orbits : [2212, 24352]  
coverage : 2018-03-18 / 2022-06-25  
created : 2023-08-21T16:36:15

## trend of detector median of plain noise & temperatures

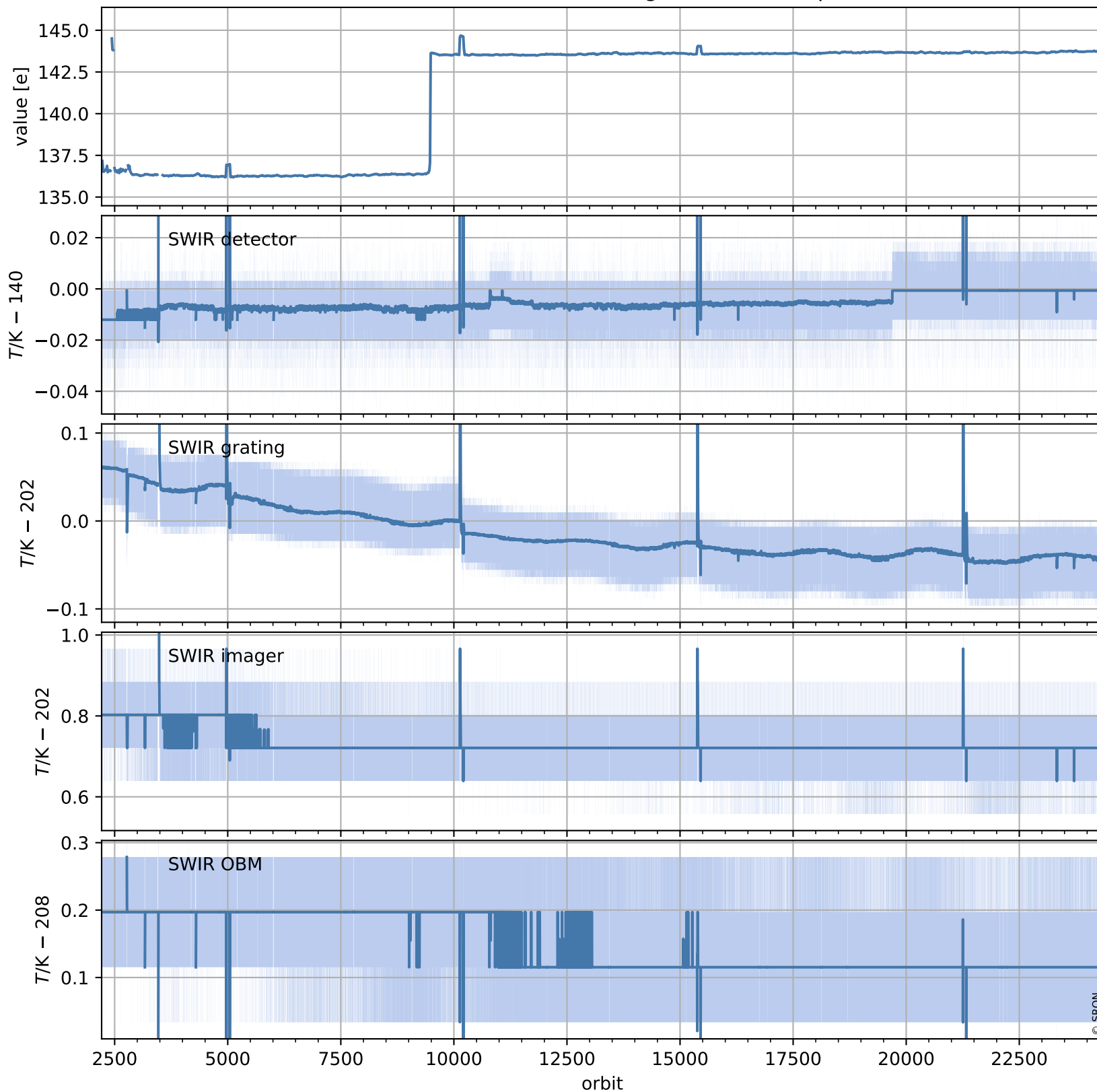




# Tropomi SWIR background noise (swir)

orbits : [2212, 24352]  
coverage : 2018-03-18 / 2022-06-25  
created : 2023-08-21T16:36:16

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24352]  
coverage : 2018-03-18 / 2022-06-25  
created : 2023-08-21T16:36:17

## trend of normalized read-noise & temperatures

