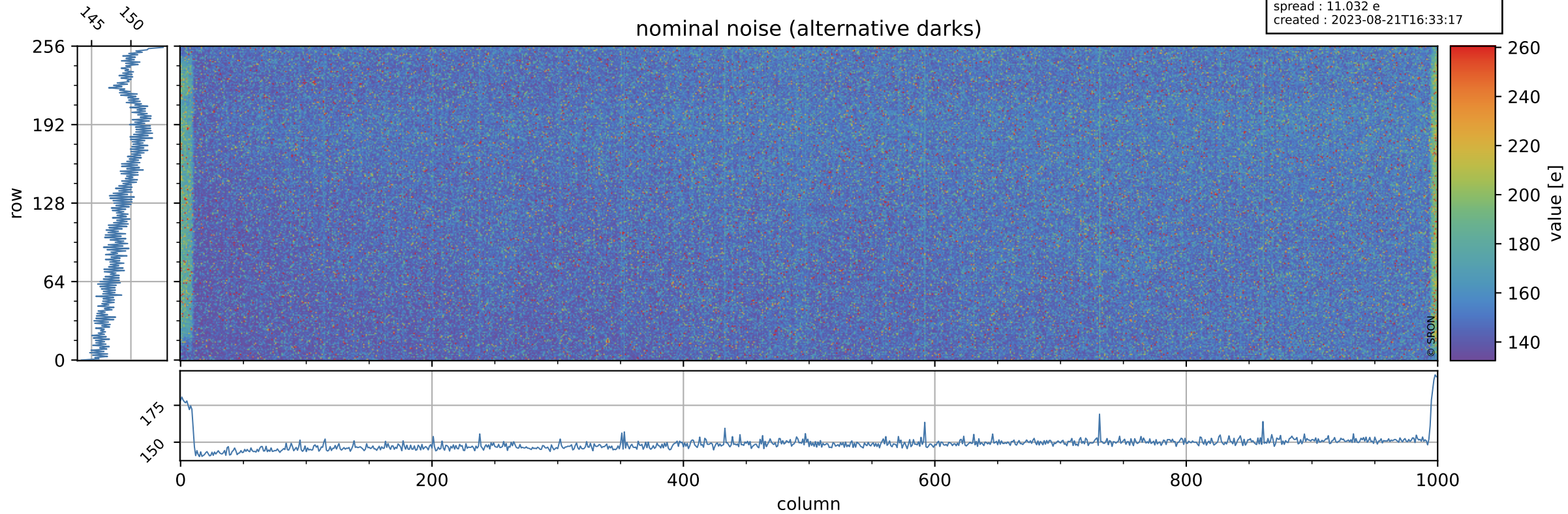


# Tropomi SWIR background noise (swir)

orbits : 12 in [23812, 23902]  
coverage : 2022-05-19 / 2022-05-24  
n\_coad, t\_exp : 1, 1.0783  
median : 148.85 e  
spread : 11.032 e  
created : 2023-08-21T16:33:17

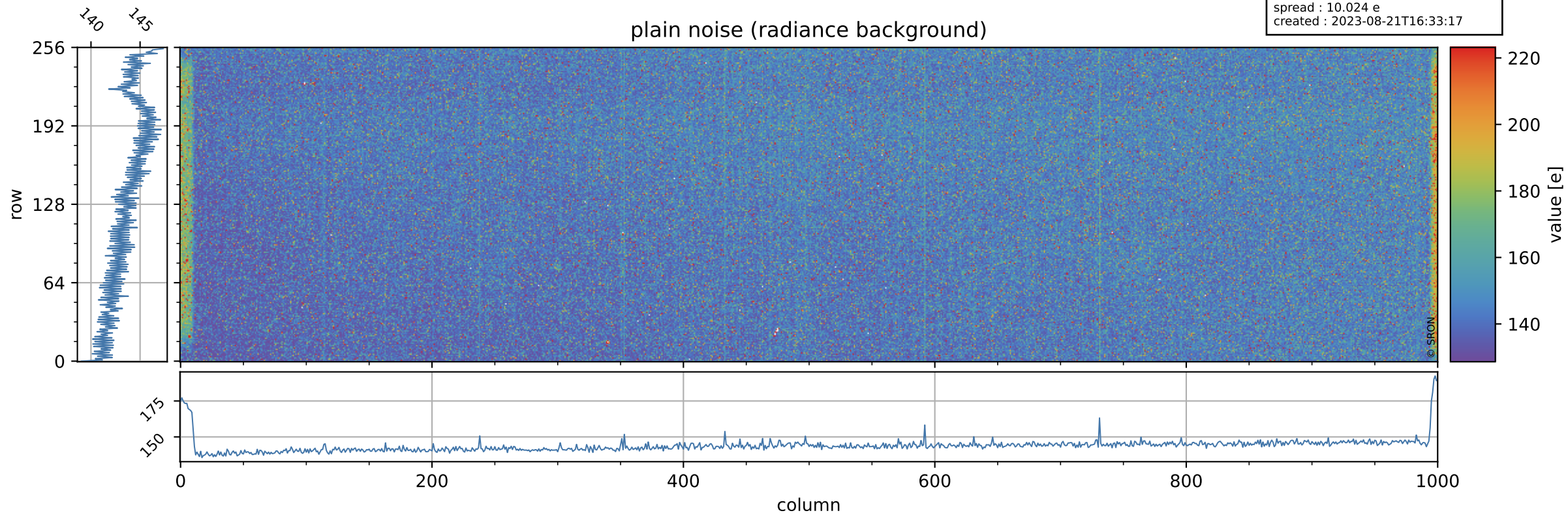
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23812, 23902]  
coverage : 2022-05-19 / 2022-05-24  
n\_coad, t\_exp : 1, 0.8383  
median : 143.59 e  
spread : 10.024 e  
created : 2023-08-21T16:33:17

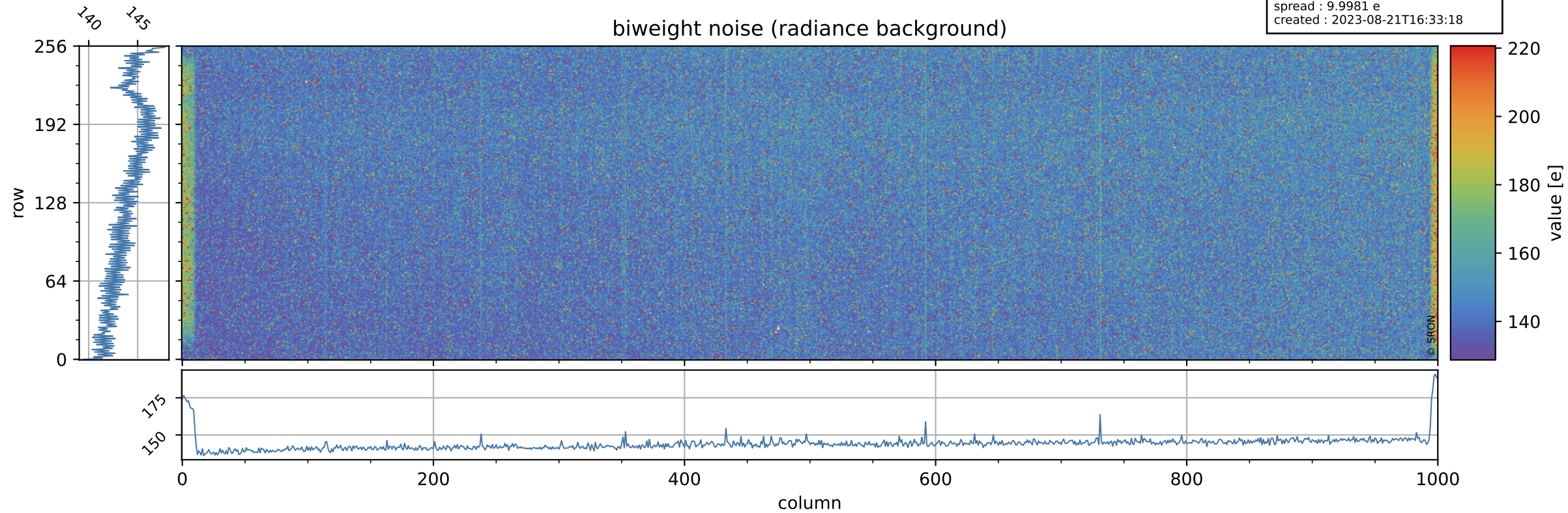
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23812, 23902]  
coverage : 2022-05-19 / 2022-05-24  
n\_coad, t\_exp : 1, 0.8383  
median : 143.85 e  
spread : 9.9981 e  
created : 2023-08-21T16:33:18

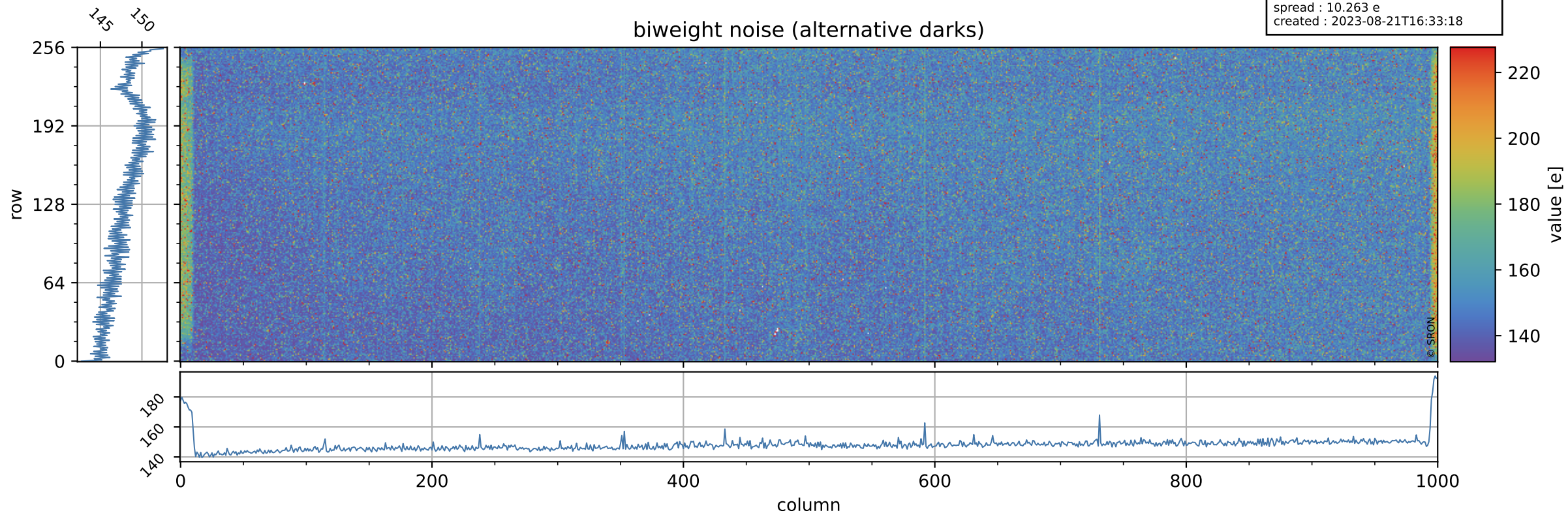
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23812, 23902]  
coverage : 2022-05-19 / 2022-05-24  
n\_coad, t\_exp : 1, 1.0783  
median : 147.83 e  
spread : 10.263 e  
created : 2023-08-21T16:33:18

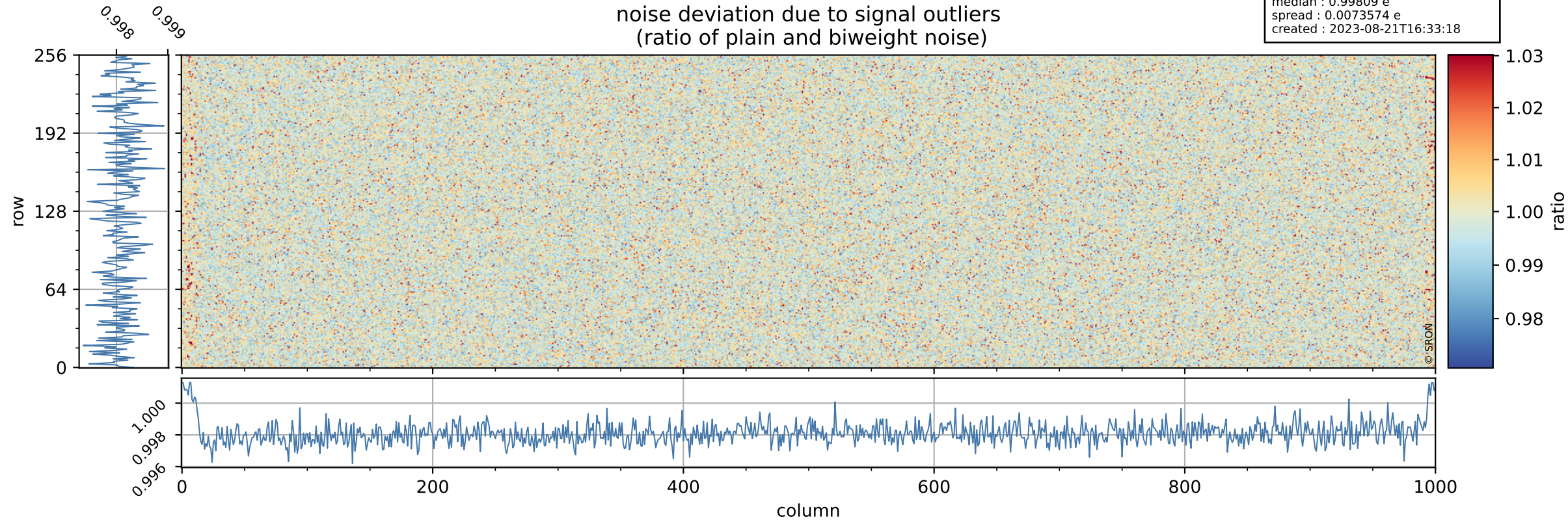
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

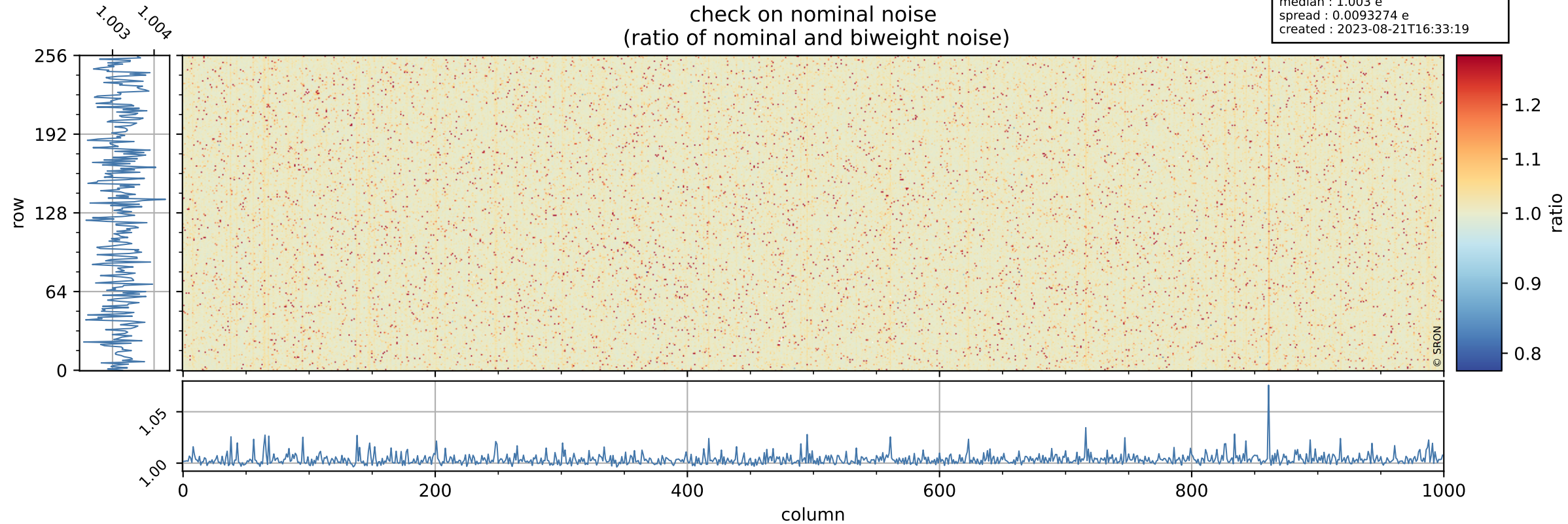
orbits : 12 in [23812, 23902]  
coverage : 2022-05-19 / 2022-05-24  
median : 0.99809 e  
spread : 0.0073574 e  
created : 2023-08-21T16:33:18



# Tropomi SWIR background noise (swir)

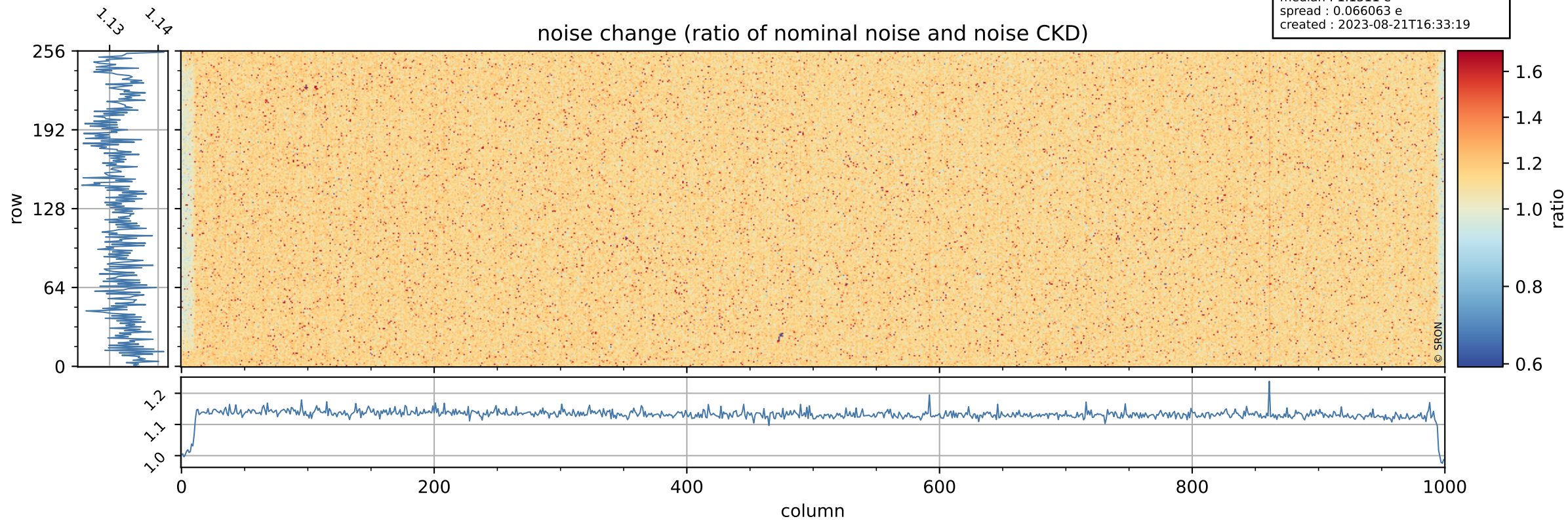
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [23812, 23902]  
coverage : 2022-05-19 / 2022-05-24  
median : 1.003 e  
spread : 0.0093274 e  
created : 2023-08-21T16:33:19



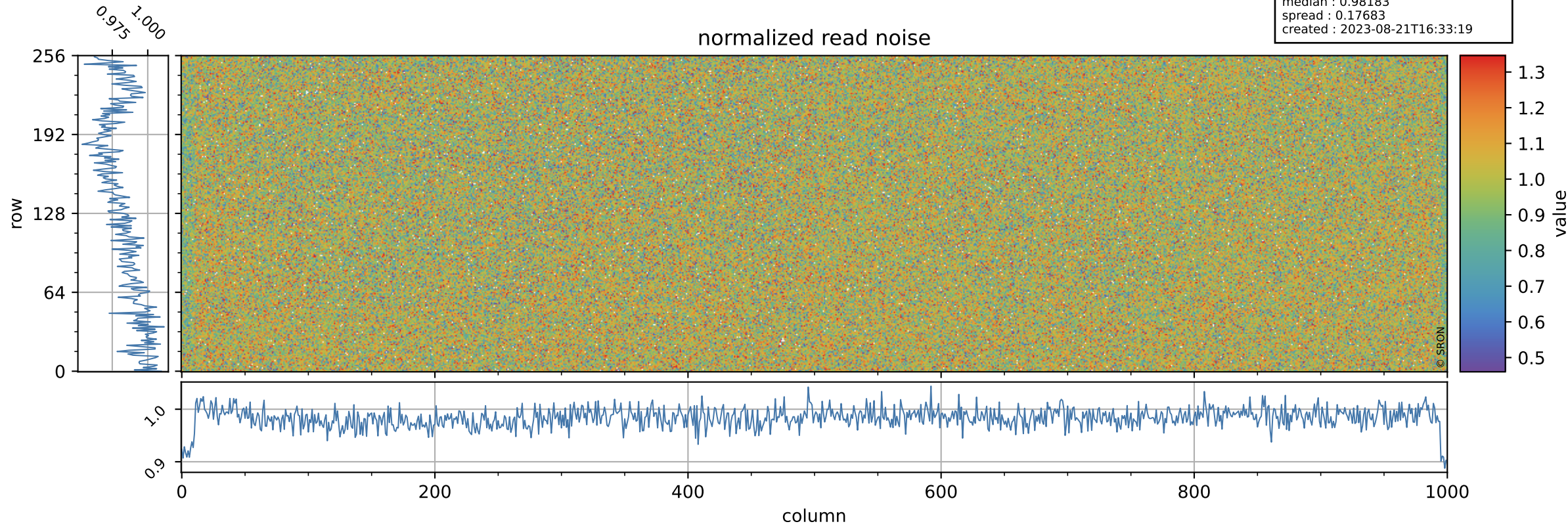
# Tropomi SWIR background noise (swir)

orbits : 12 in [23812, 23902]  
coverage : 2022-05-19 / 2022-05-24  
median : 1.1311 e  
spread : 0.066063 e  
created : 2023-08-21T16:33:19



# Tropomi SWIR background noise (swir)

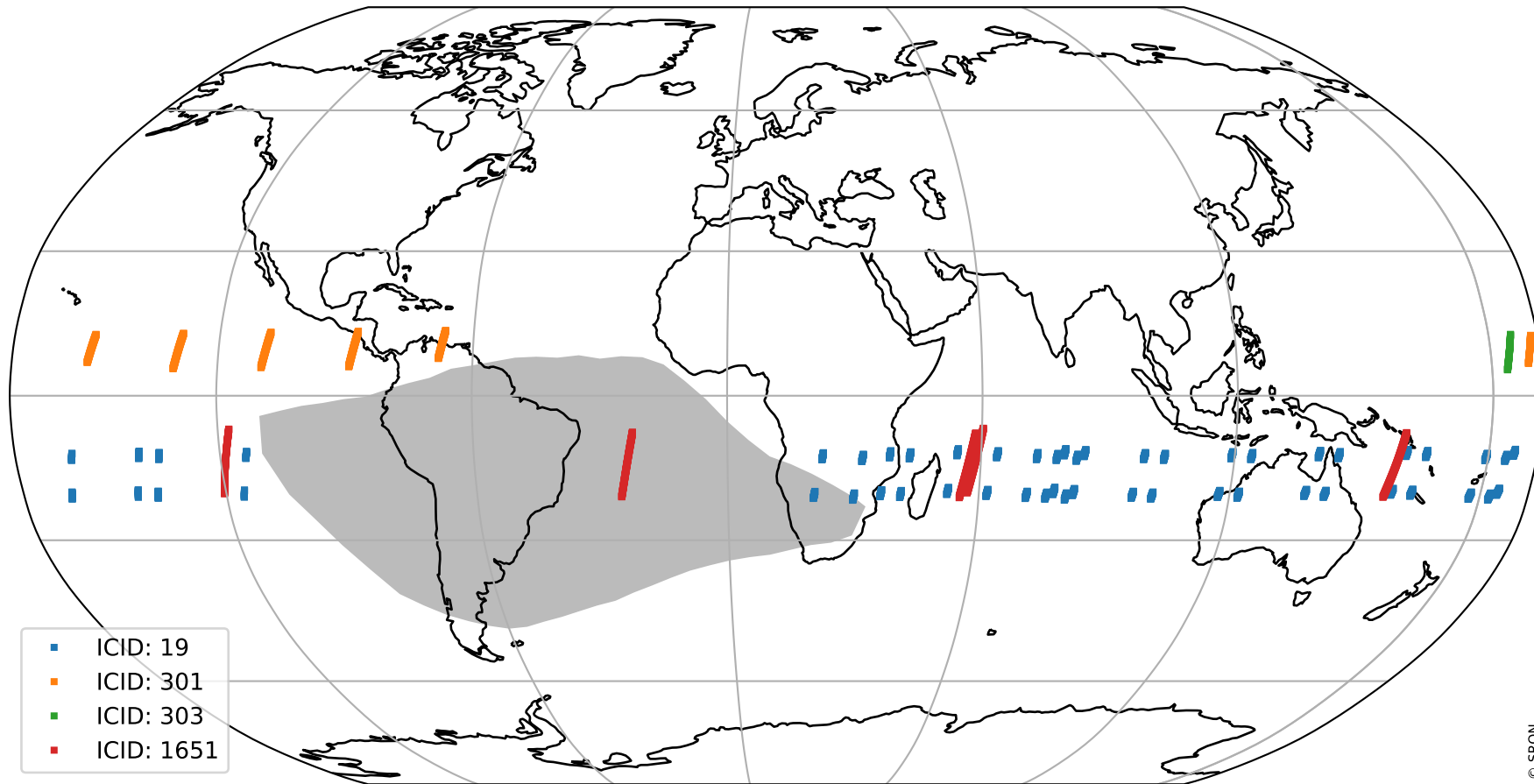
orbits : 12 in [23812, 23902]  
coverage : 2022-05-19 / 2022-05-24  
median : 0.98183  
spread : 0.17683  
created : 2023-08-21T16:33:19





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

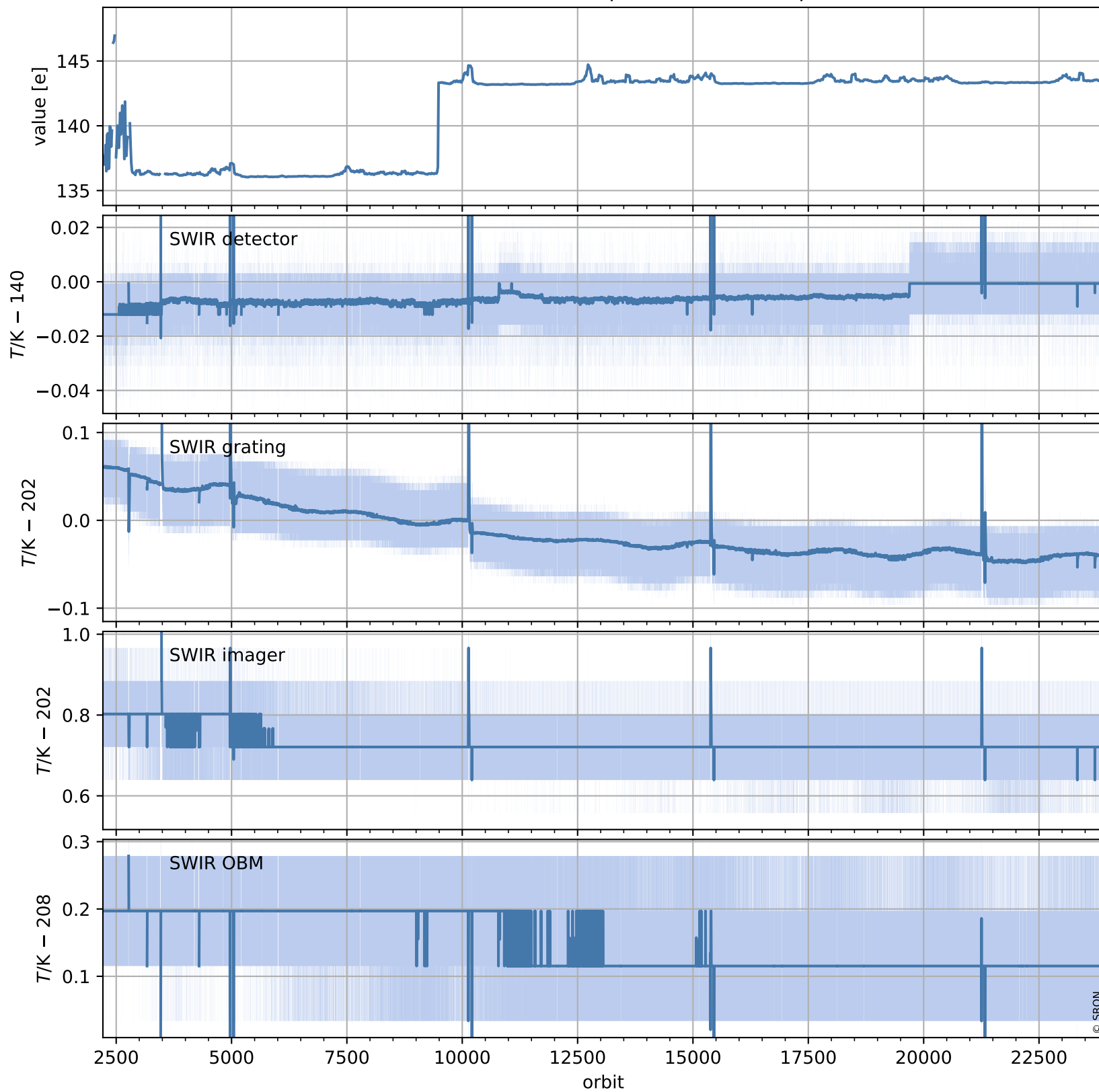
orbits : 12 in [23812, 23902]  
coverage : 2022-05-19 / 2022-05-24  
created : 2023-08-21T16:33:19



# Tropomi SWIR background noise (swir)

orbits : [2212, 23902]  
coverage : 2018-03-18 / 2022-05-24  
created : 2023-08-21T16:33:20

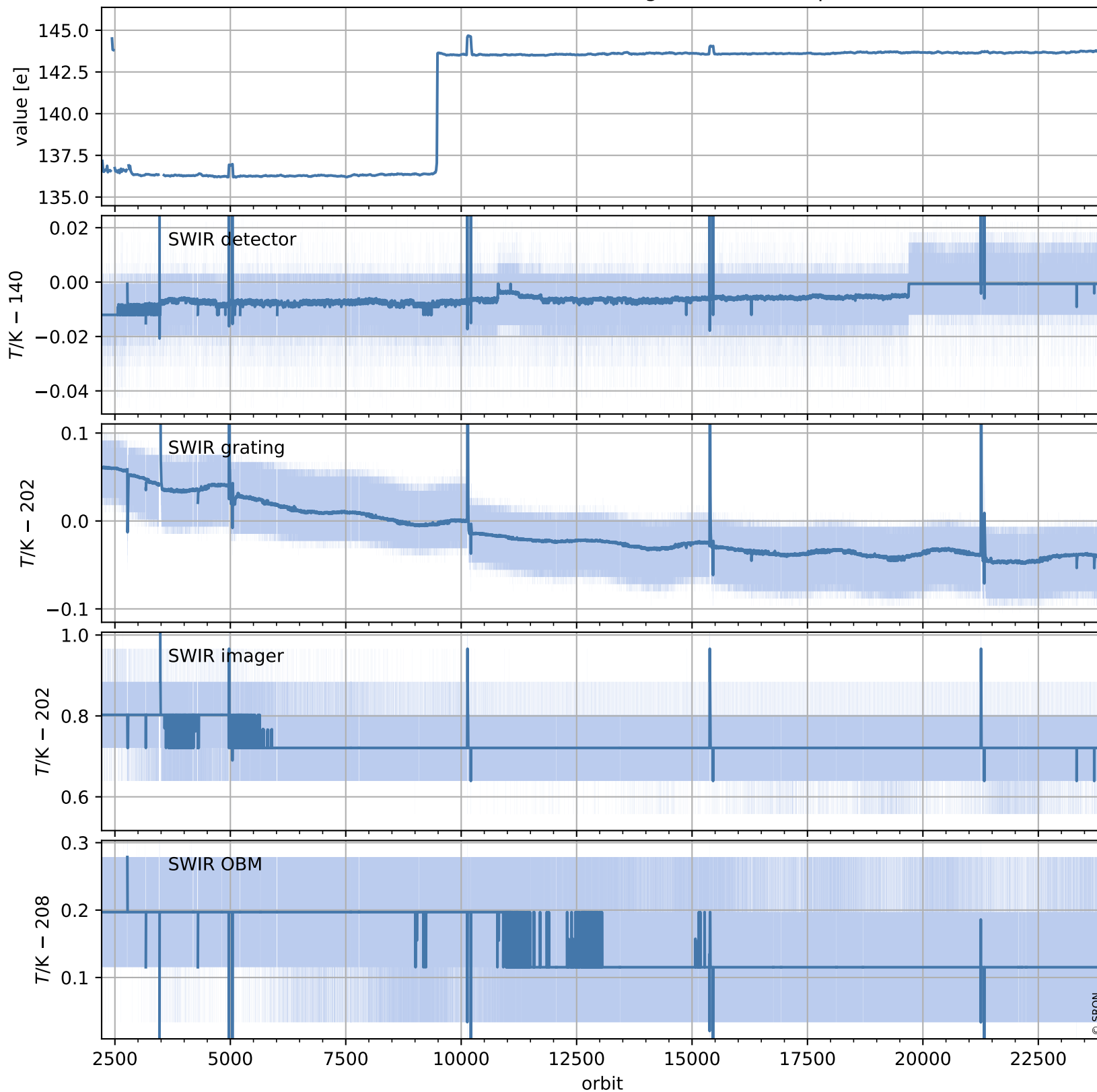
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23902]  
coverage : 2018-03-18 / 2022-05-24  
created : 2023-08-21T16:33:21

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23902]  
coverage : 2018-03-18 / 2022-05-24  
created : 2023-08-21T16:33:22

## trend of normalized read-noise & temperatures

