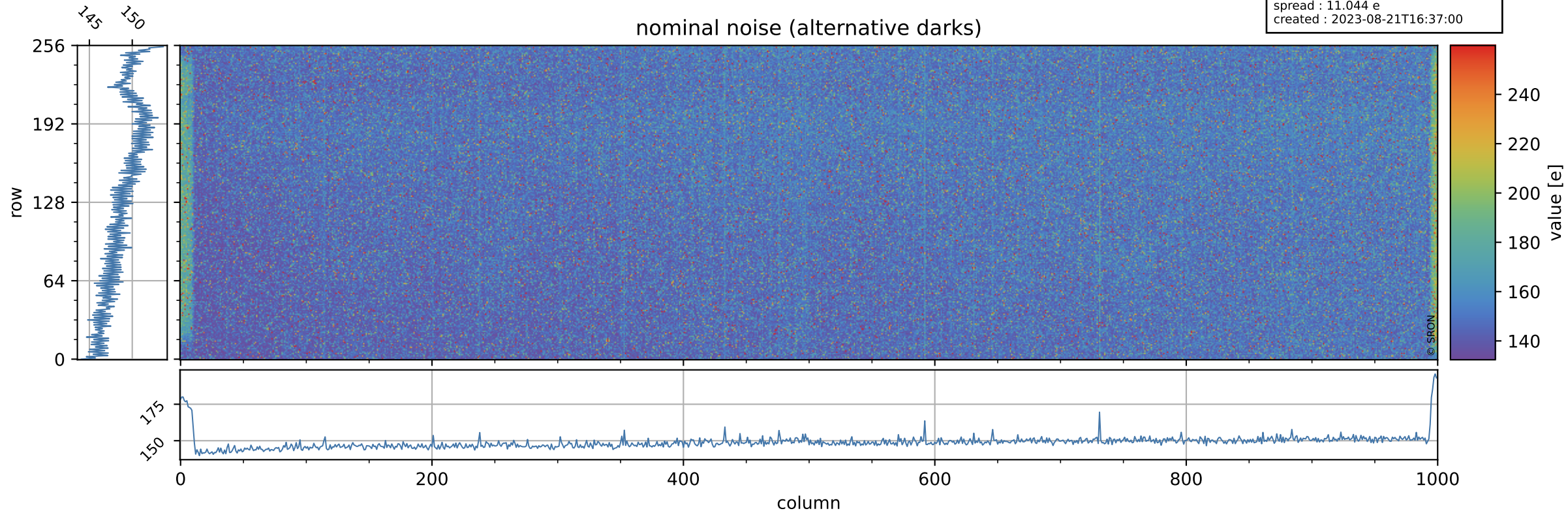


Tropomi SWIR background noise (swir)

orbits : 13 in [24382, 24472]
coverage : 2022-06-28 / 2022-07-03
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 11.044 e
created : 2023-08-21T16:37:00

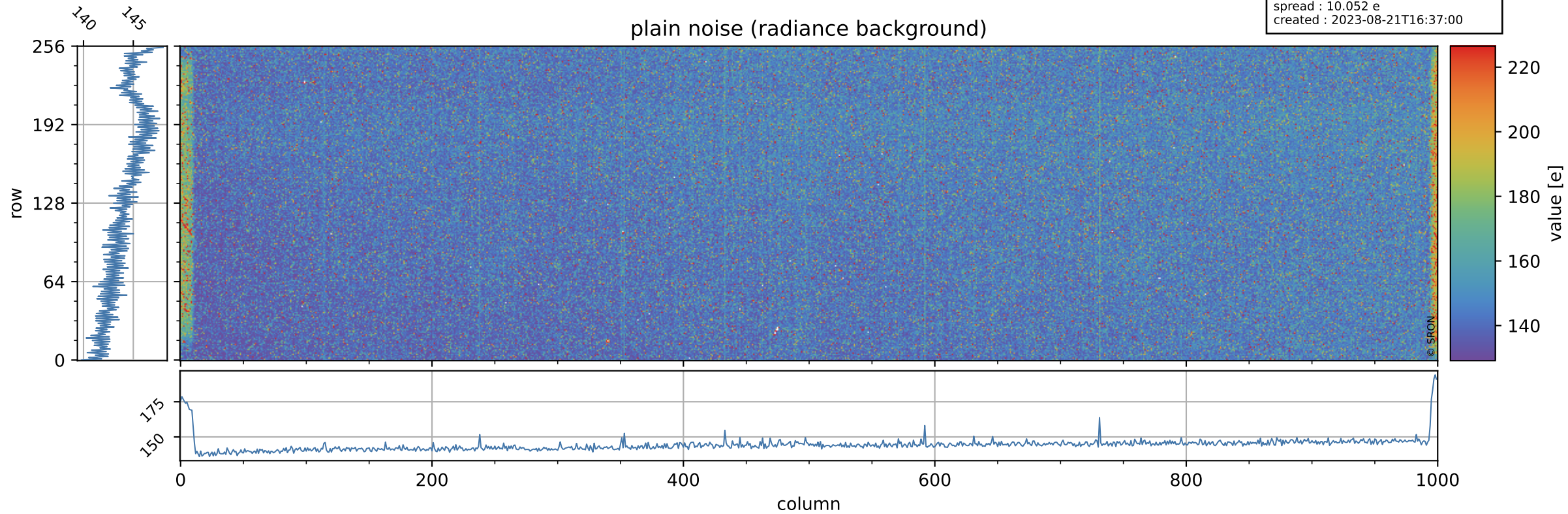
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [24382, 24472]
coverage : 2022-06-28 / 2022-07-03
n_coad, t_exp : 1, 0.8383
median : 144.06 e
spread : 10.052 e
created : 2023-08-21T16:37:00

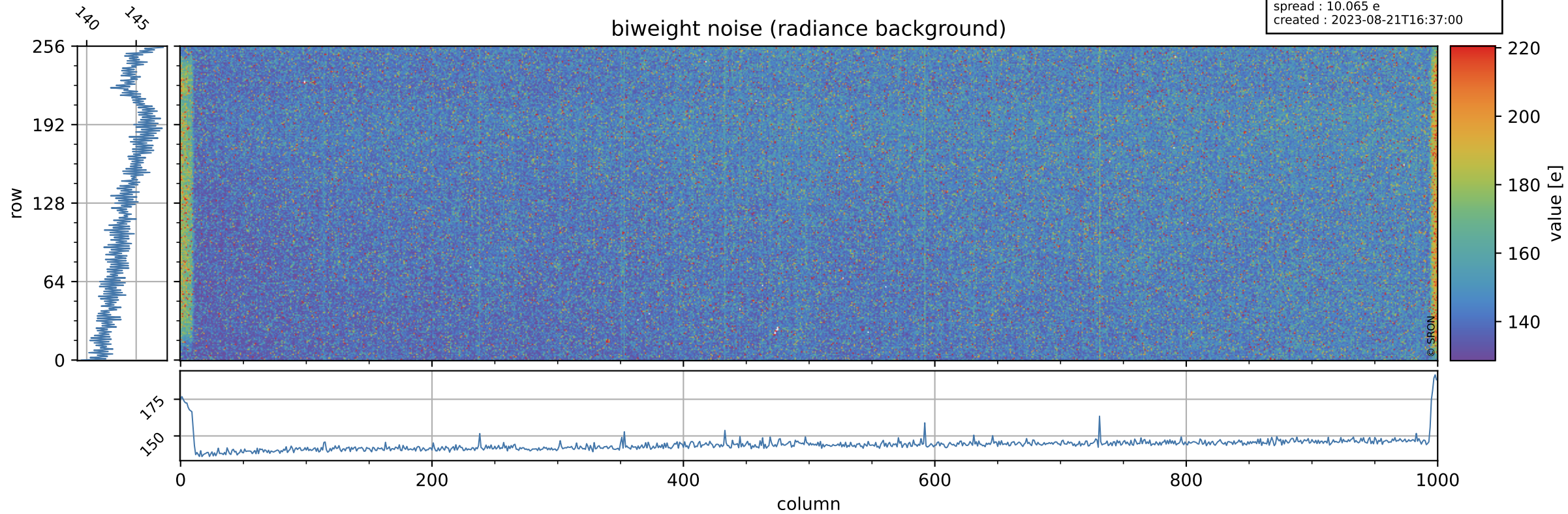
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24382, 24472]
coverage : 2022-06-28 / 2022-07-03
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 10.065 e
created : 2023-08-21T16:37:00

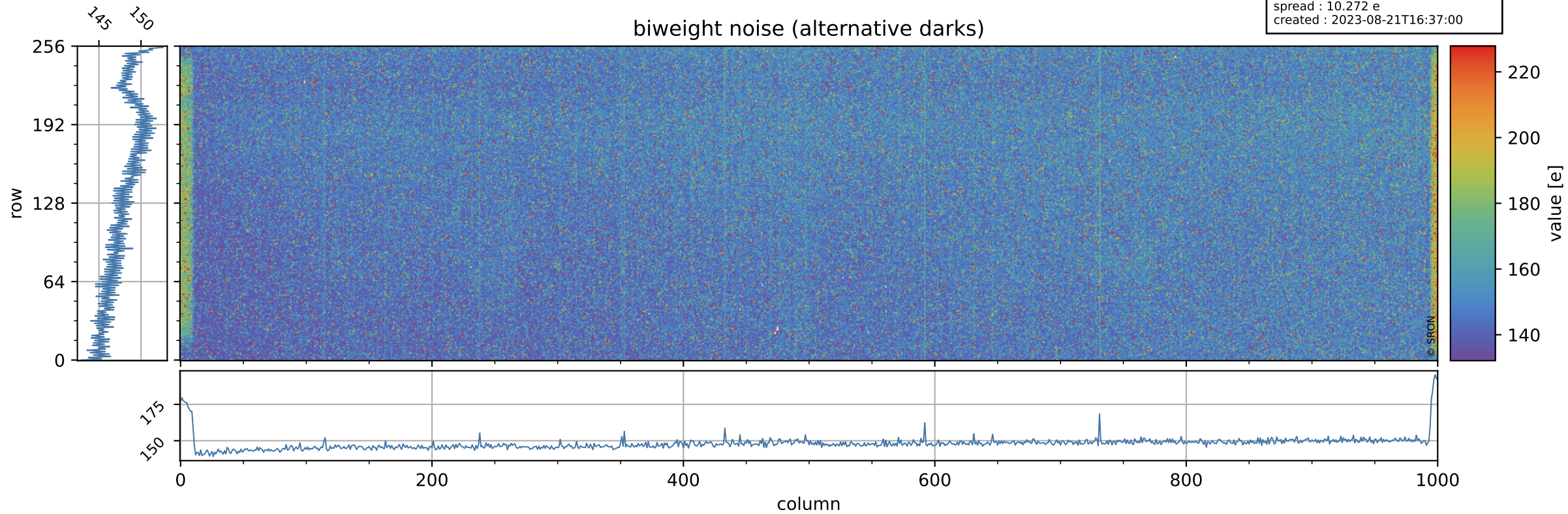
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24382, 24472]
coverage : 2022-06-28 / 2022-07-03
n_coad, t_exp : 1, 1.0783
median : 147.83 e
spread : 10.272 e
created : 2023-08-21T16:37:00

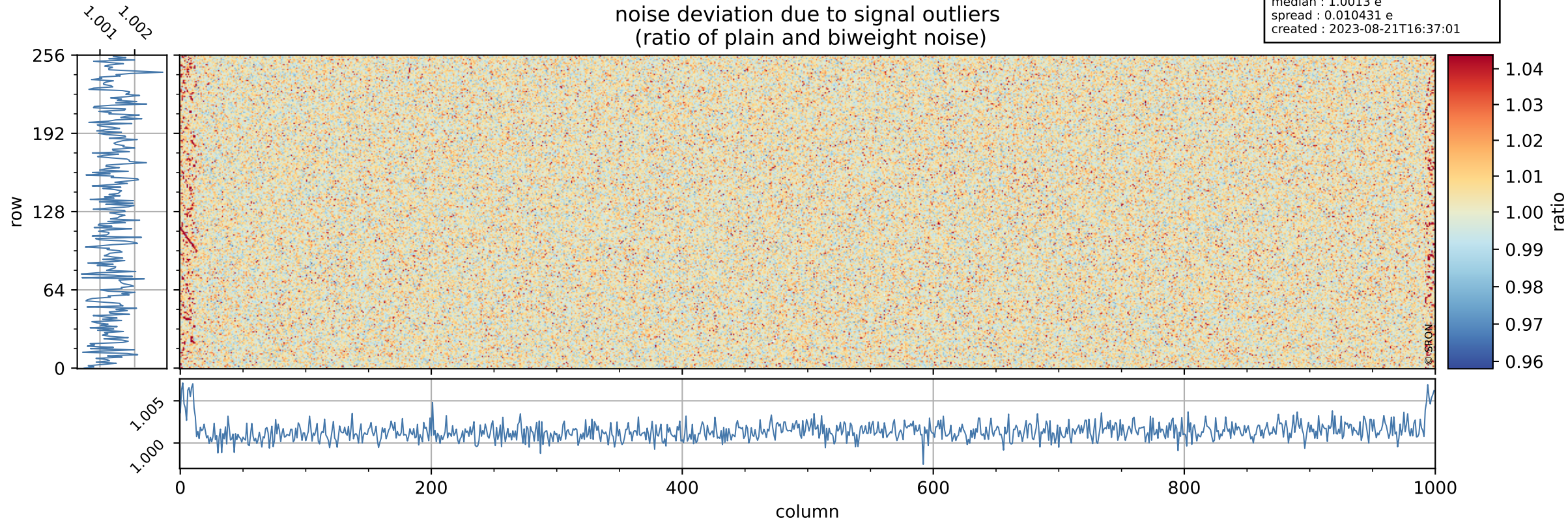
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

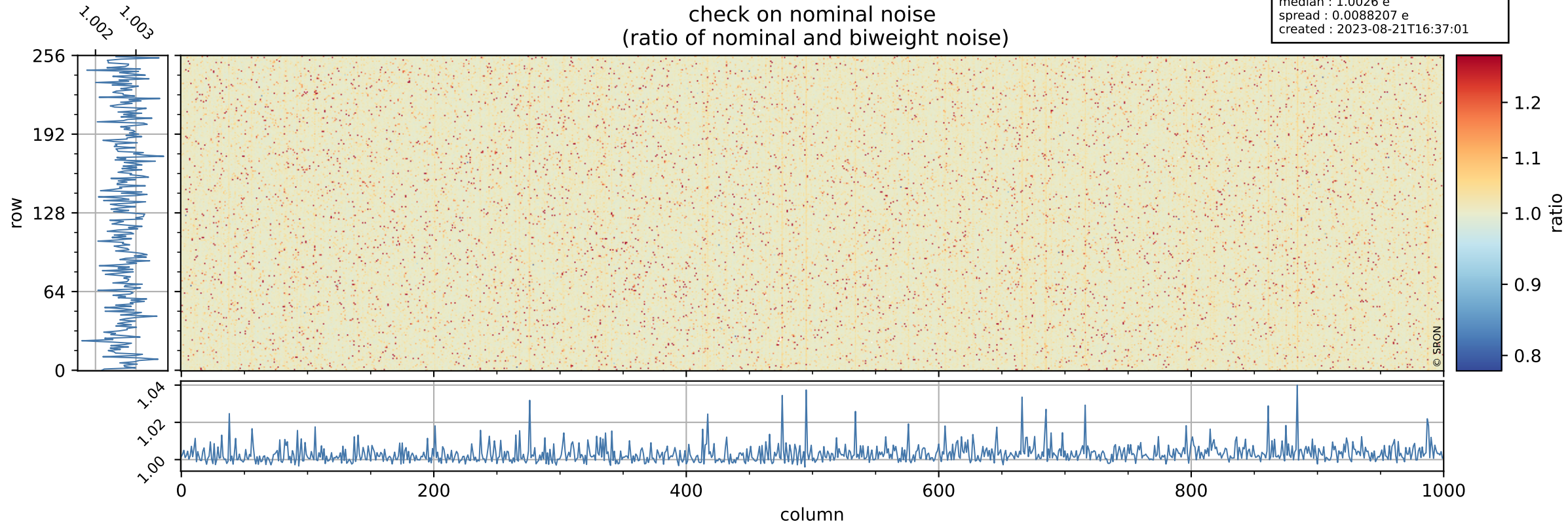
orbits : 13 in [24382, 24472]
coverage : 2022-06-28 / 2022-07-03
median : 1.0013 e
spread : 0.010431 e
created : 2023-08-21T16:37:01



Tropomi SWIR background noise (swir)

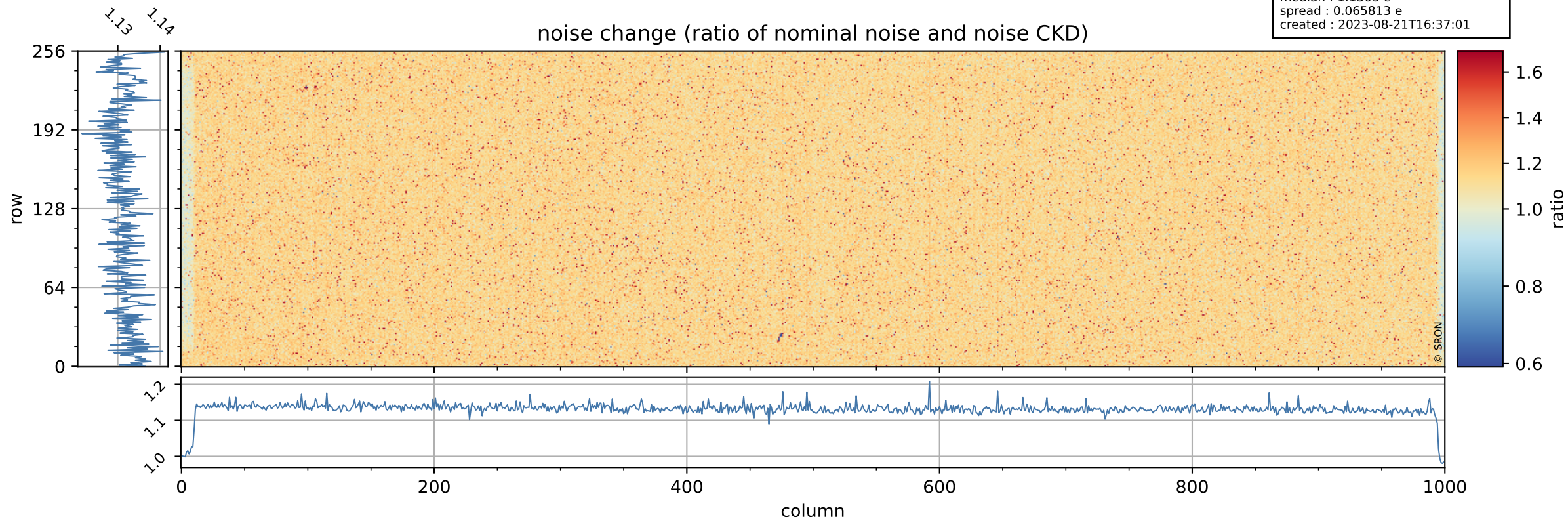
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [24382, 24472]
coverage : 2022-06-28 / 2022-07-03
median : 1.0026 e
spread : 0.0088207 e
created : 2023-08-21T16:37:01



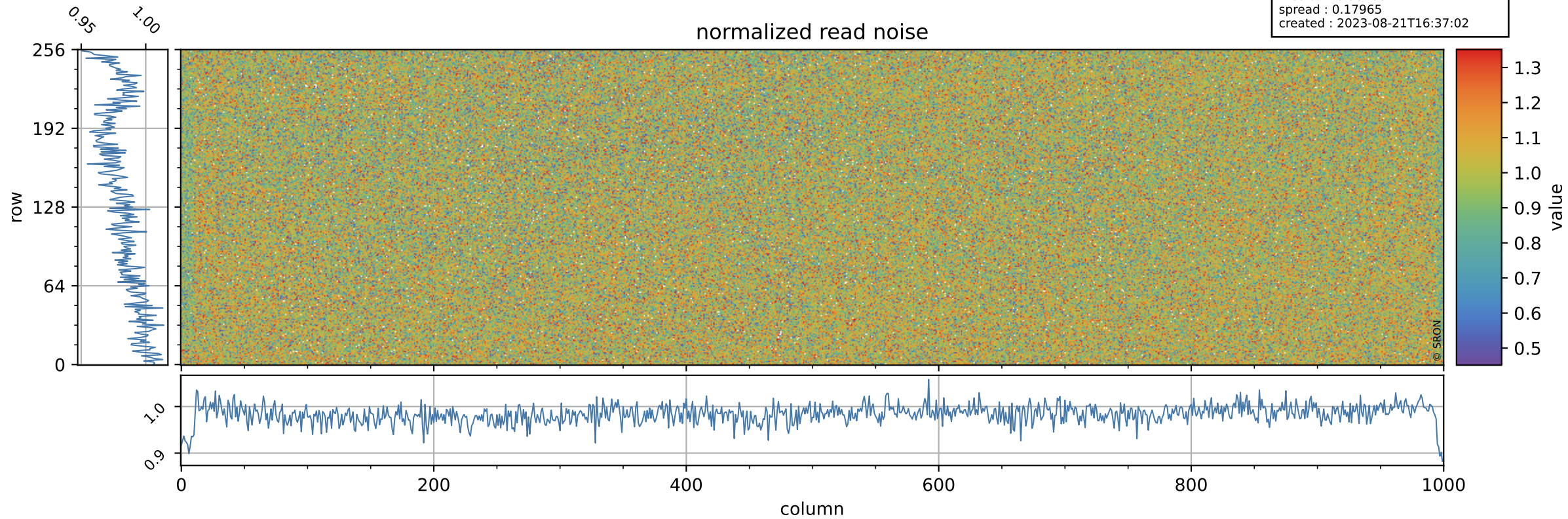
Tropomi SWIR background noise (swir)

orbits : 13 in [24382, 24472]
coverage : 2022-06-28 / 2022-07-03
median : 1.1303 e
spread : 0.065813 e
created : 2023-08-21T16:37:01



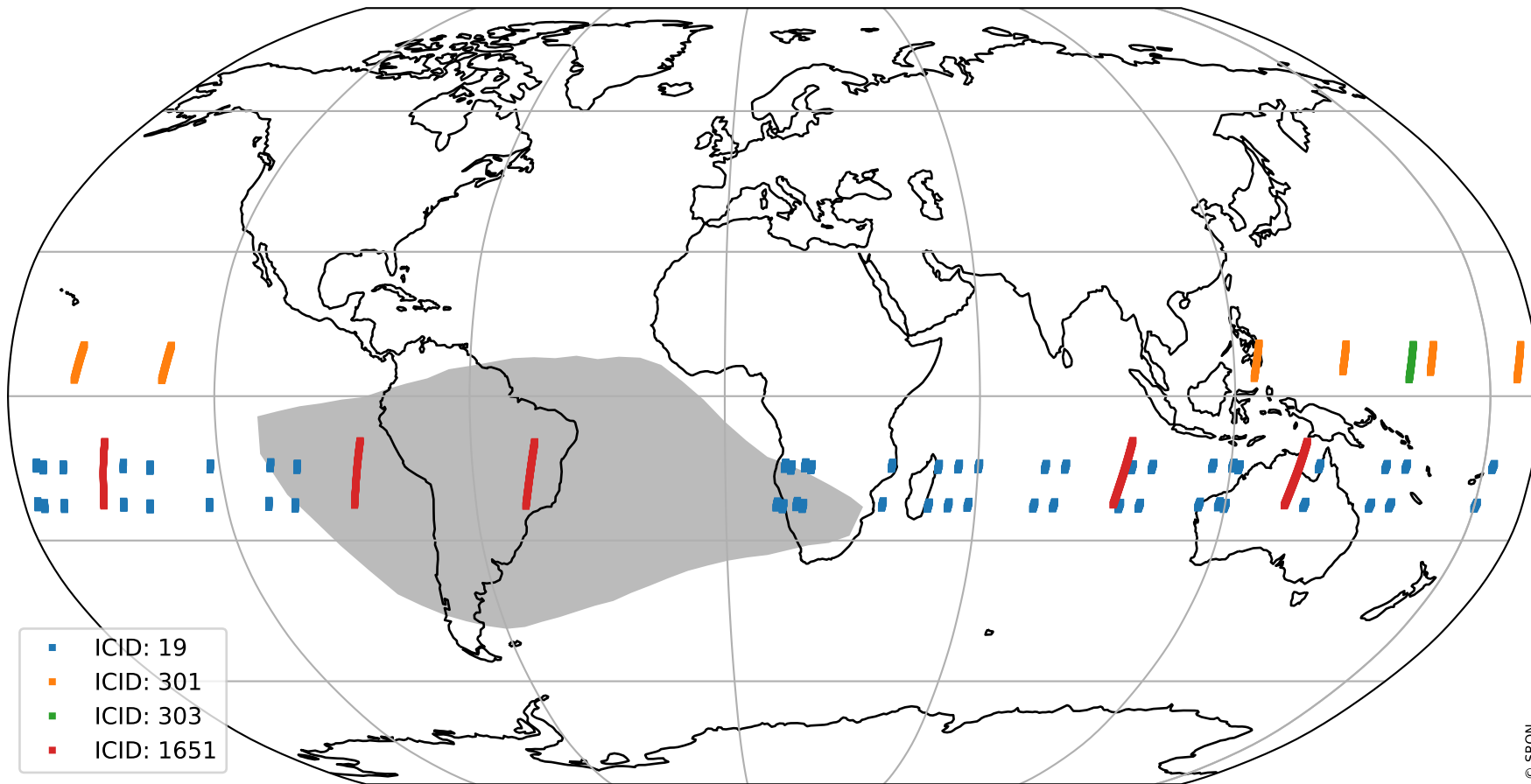
Tropomi SWIR background noise (swir)

orbits : 13 in [24382, 24472]
coverage : 2022-06-28 / 2022-07-03
median : 0.98208
spread : 0.17965
created : 2023-08-21T16:37:02



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

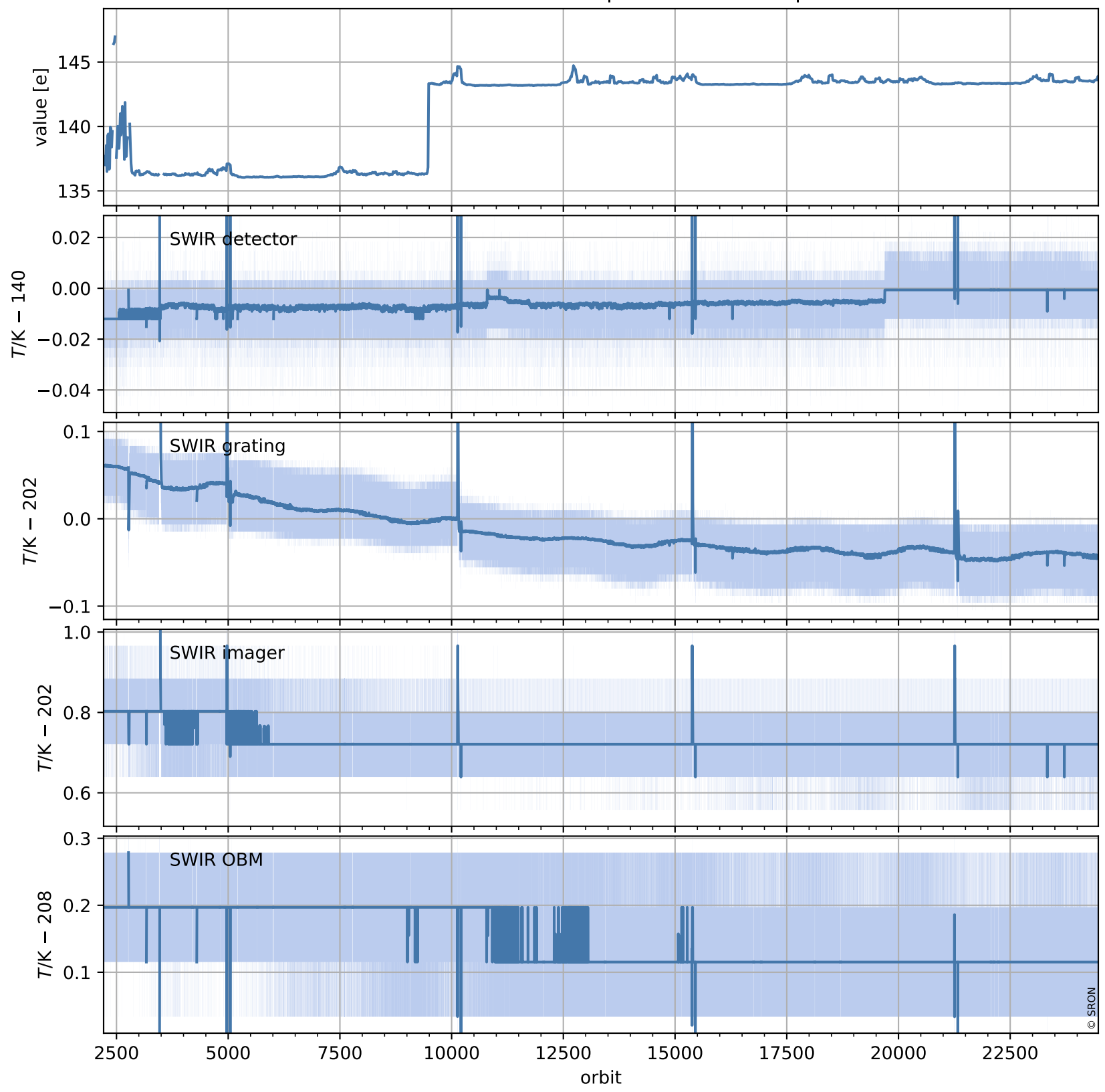
orbits : 13 in [24382, 24472]
coverage : 2022-06-28 / 2022-07-03
created : 2023-08-21T16:37:02



Tropomi SWIR background noise (swir)

orbits : [2212, 24472]
coverage : 2018-03-18 / 2022-07-03
created : 2023-08-21T16:37:02

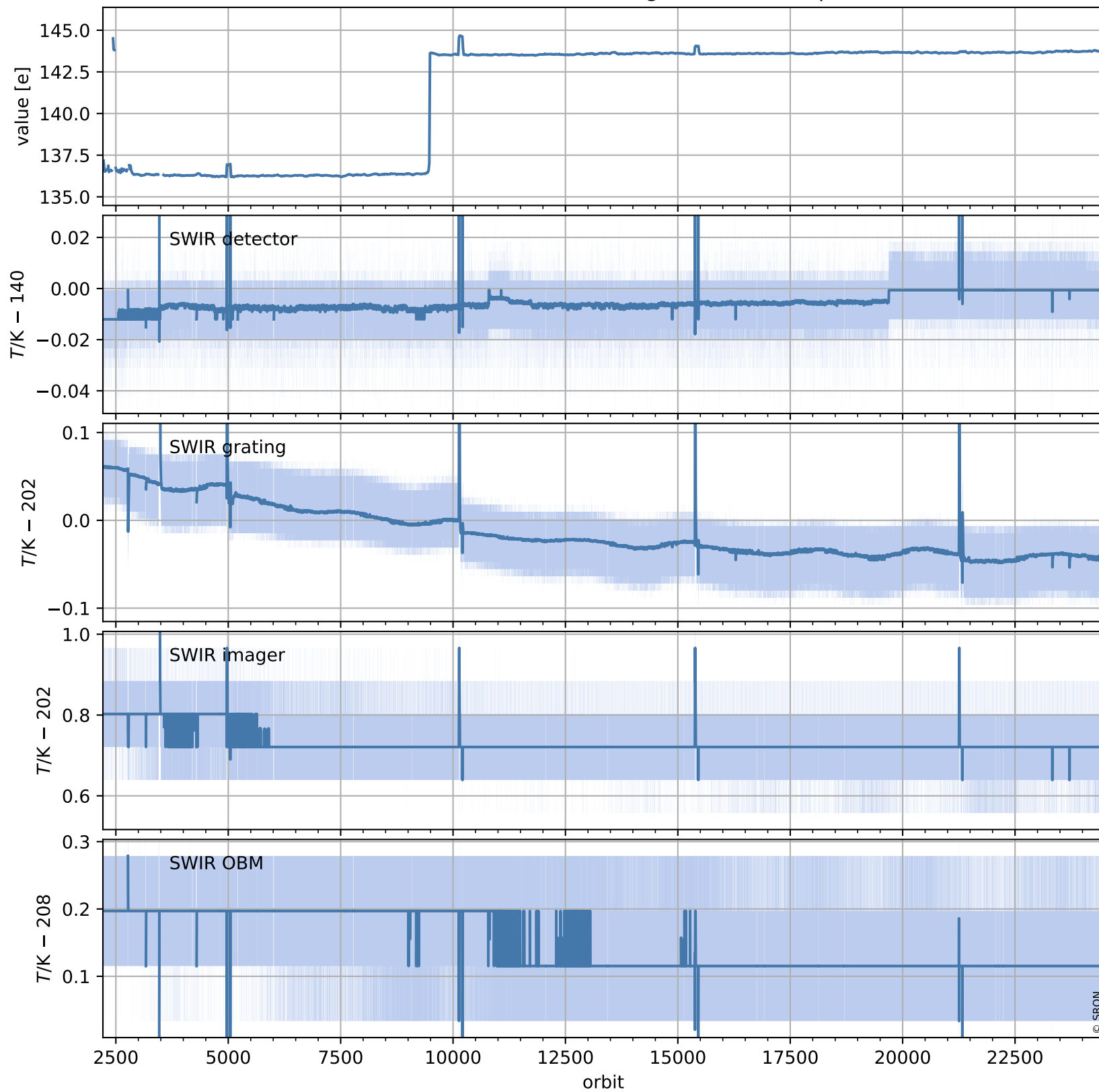
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24472]
coverage : 2018-03-18 / 2022-07-03
created : 2023-08-21T16:37:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24472]
coverage : 2018-03-18 / 2022-07-03
created : 2023-08-21T16:37:04

trend of normalized read-noise & temperatures

