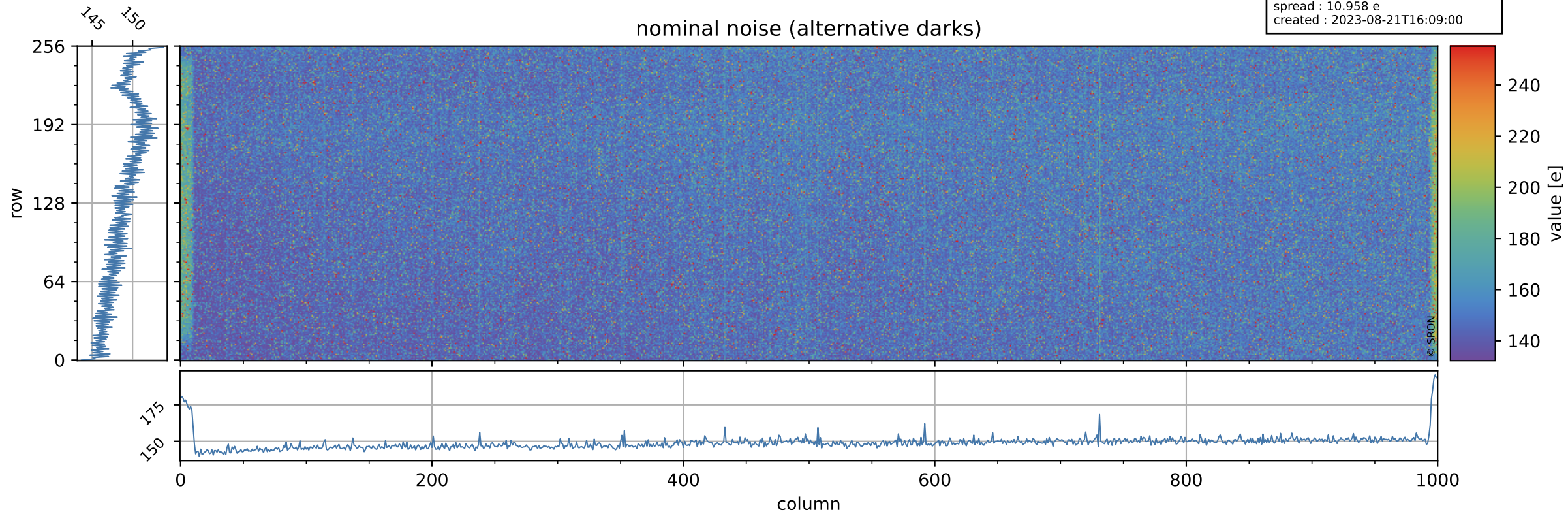


Tropomi SWIR background noise (swir)

orbits : 12 in [19957, 20047]
coverage : 2021-08-20 / 2021-08-26
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.958 e
created : 2023-08-21T16:09:00

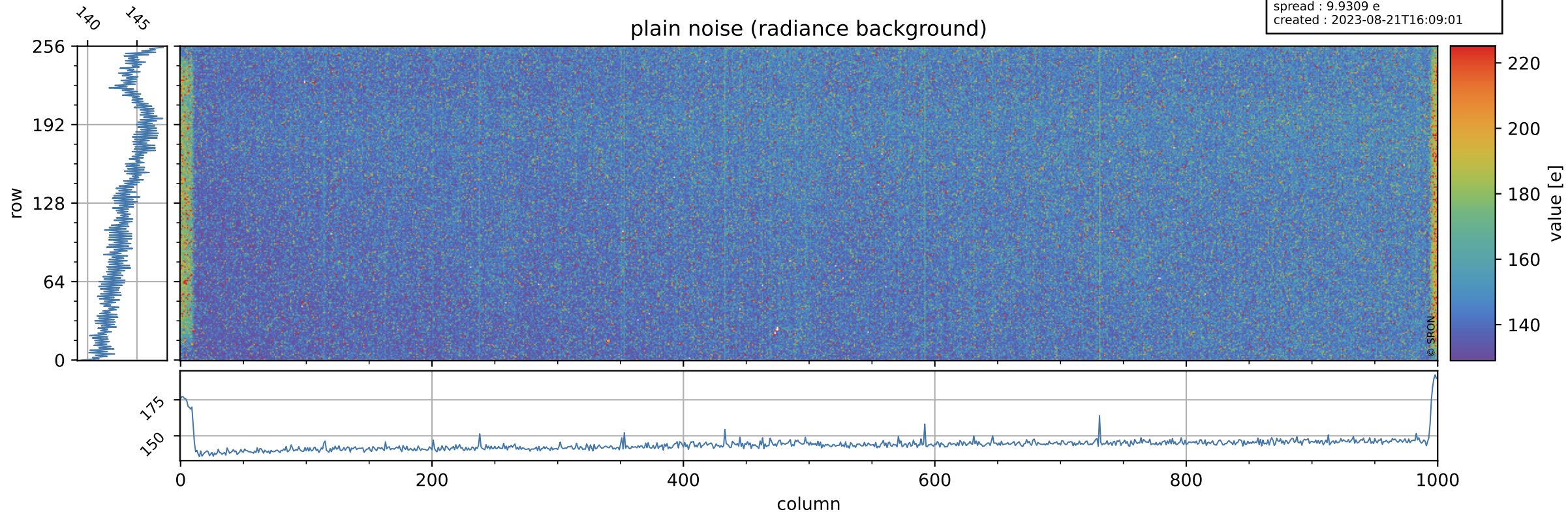
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19957, 20047]
coverage : 2021-08-20 / 2021-08-26
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9309 e
created : 2023-08-21T16:09:01

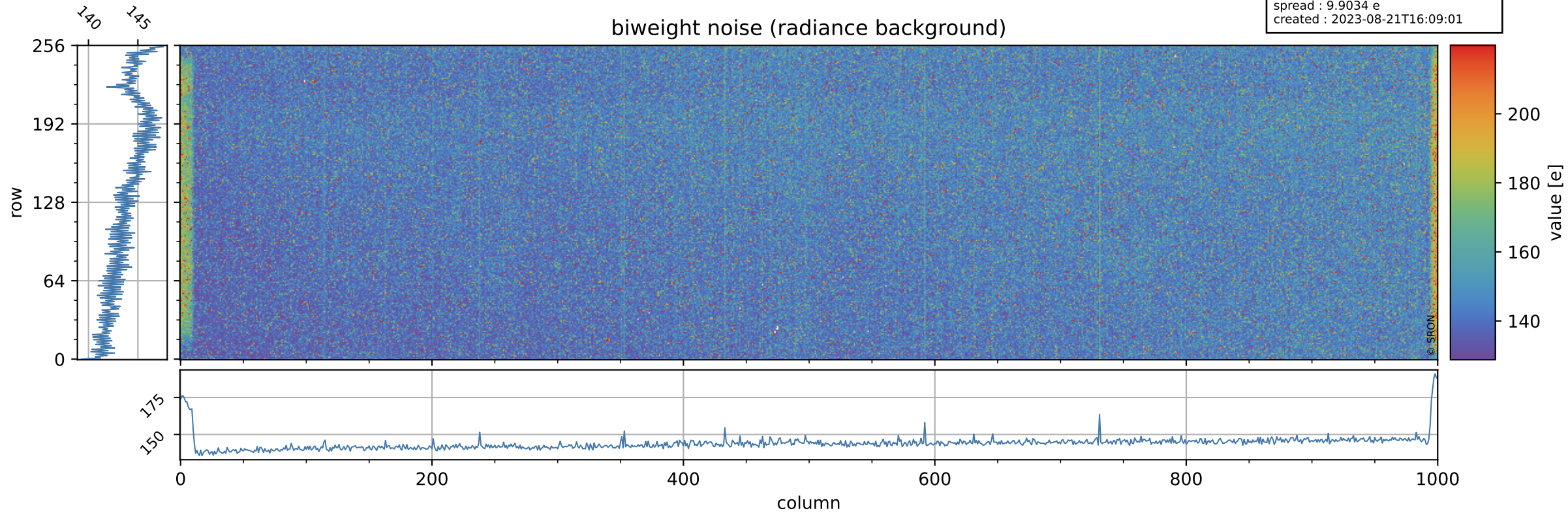
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19957, 20047]
coverage : 2021-08-20 / 2021-08-26
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9034 e
created : 2023-08-21T16:09:01

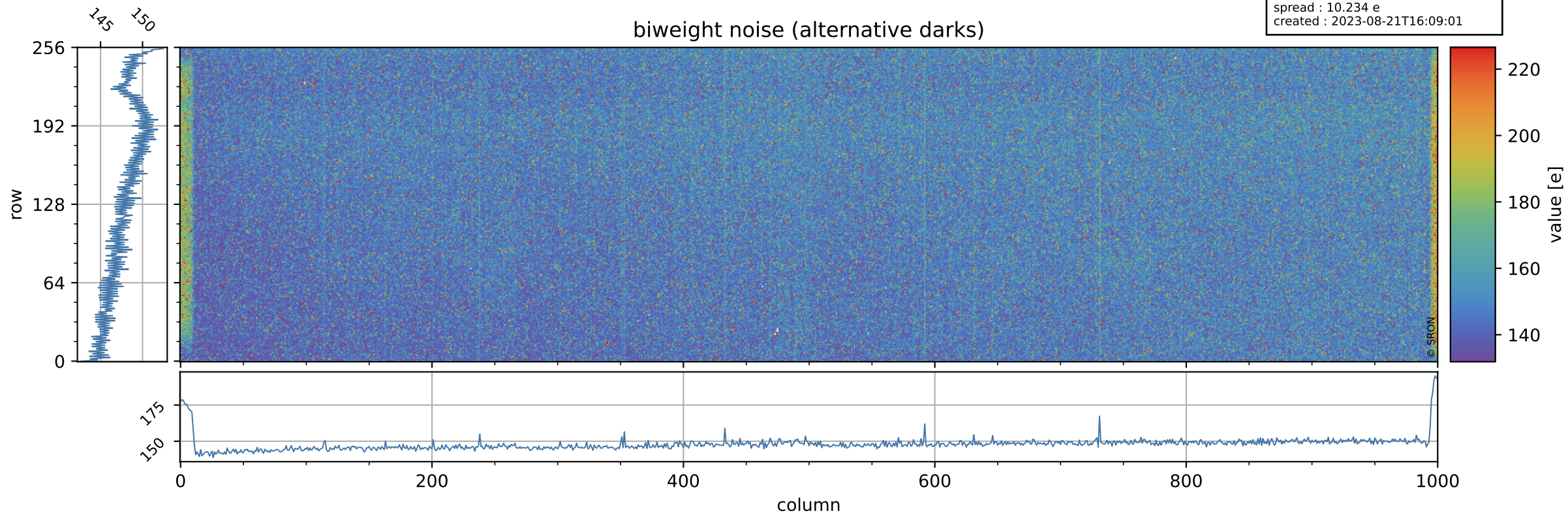
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19957, 20047]
coverage : 2021-08-20 / 2021-08-26
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.234 e
created : 2023-08-21T16:09:01

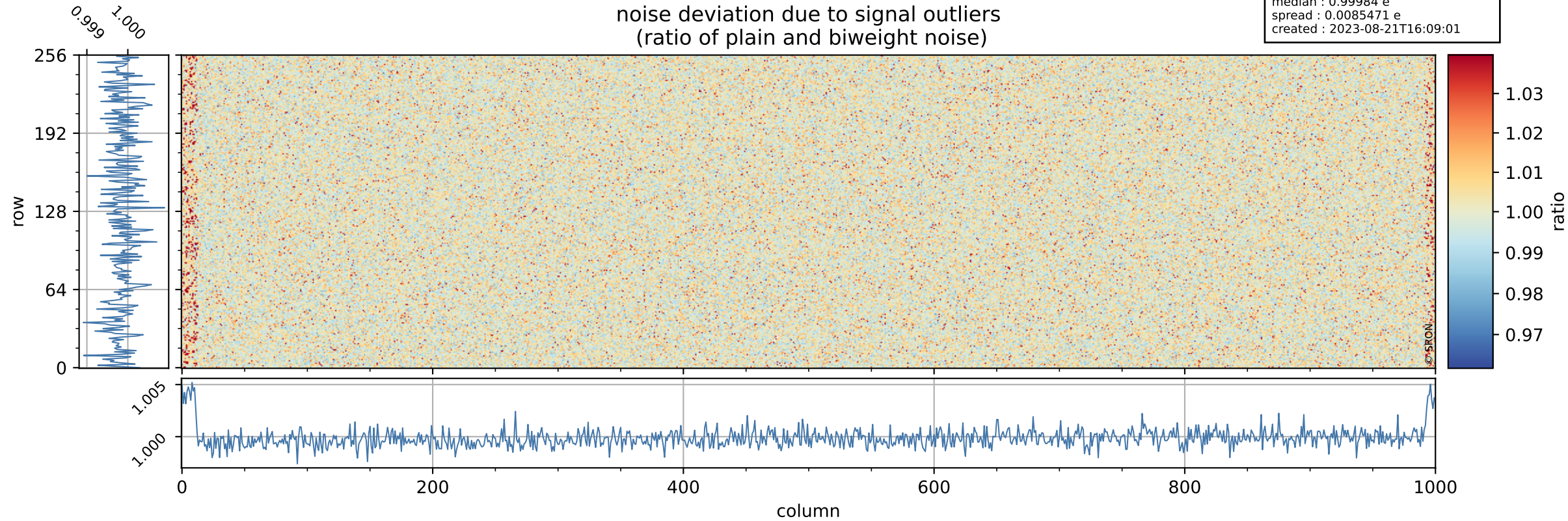
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

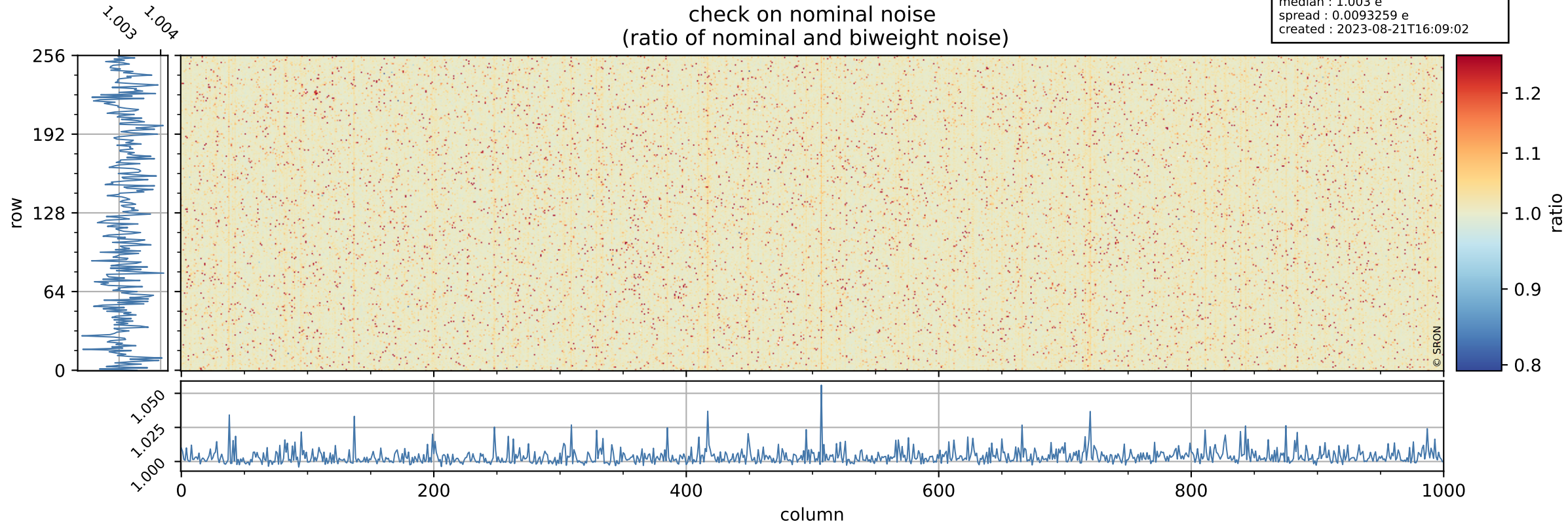
orbits : 12 in [19957, 20047]
coverage : 2021-08-20 / 2021-08-26
median : 0.99984 e
spread : 0.0085471 e
created : 2023-08-21T16:09:01



Tropomi SWIR background noise (swir)

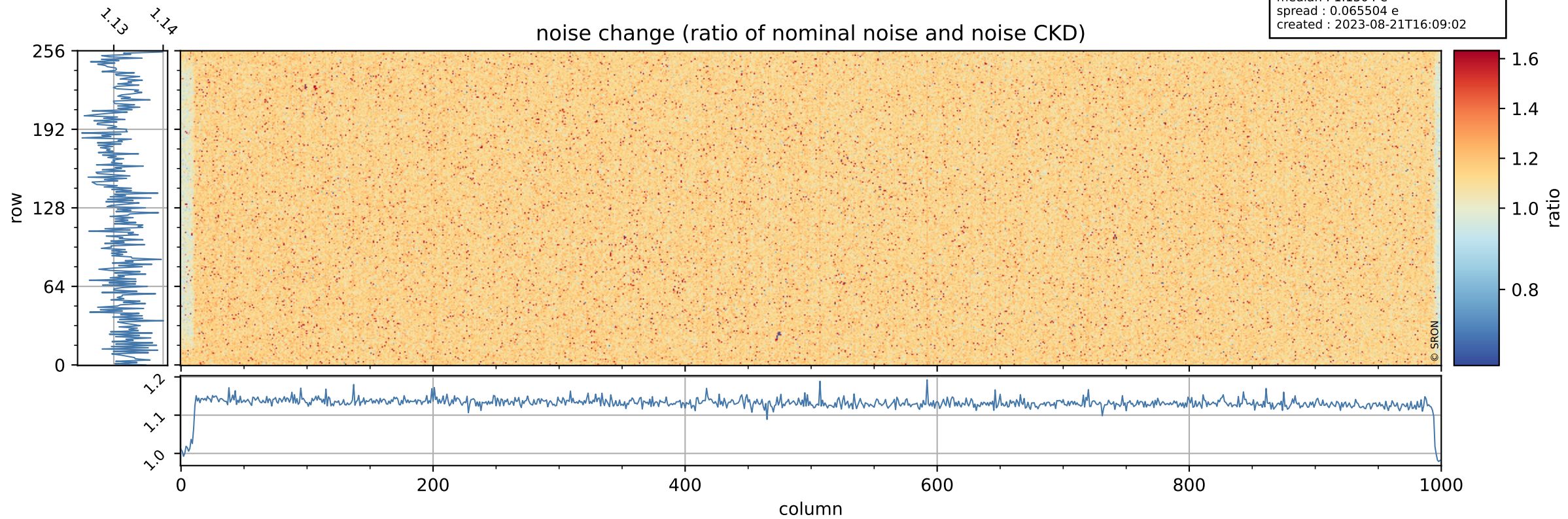
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19957, 20047]
coverage : 2021-08-20 / 2021-08-26
median : 1.003 e
spread : 0.0093259 e
created : 2023-08-21T16:09:02



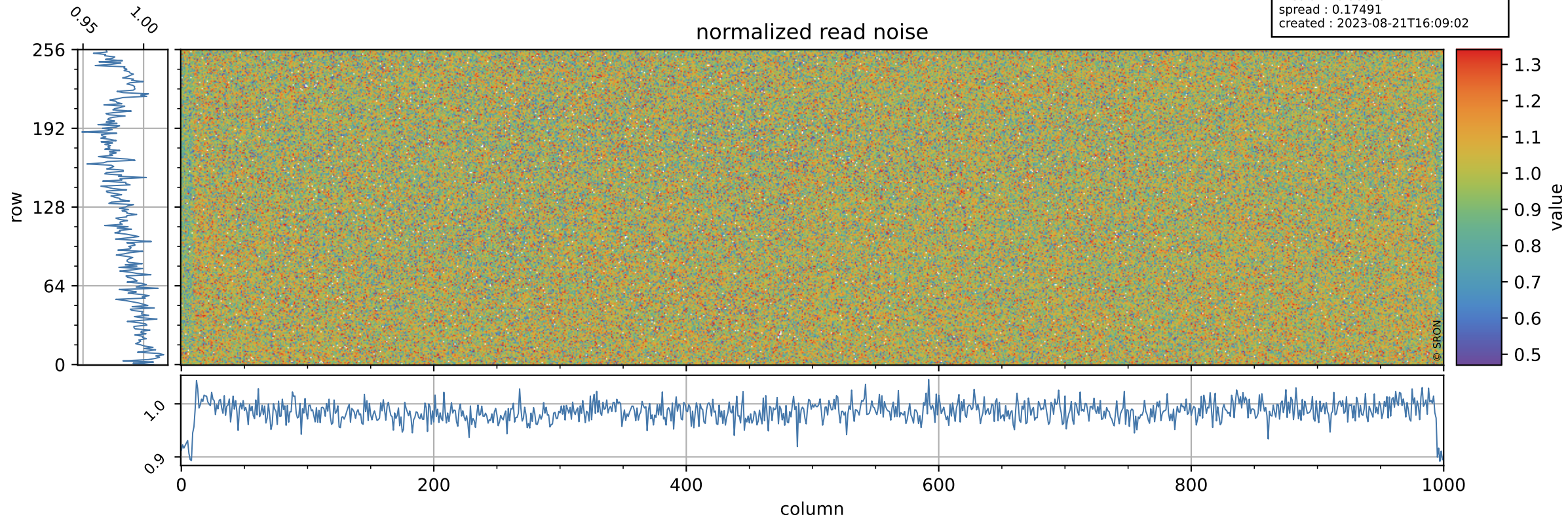
Tropomi SWIR background noise (swir)

orbits : 12 in [19957, 20047]
coverage : 2021-08-20 / 2021-08-26
median : 1.1304 e
spread : 0.065504 e
created : 2023-08-21T16:09:02



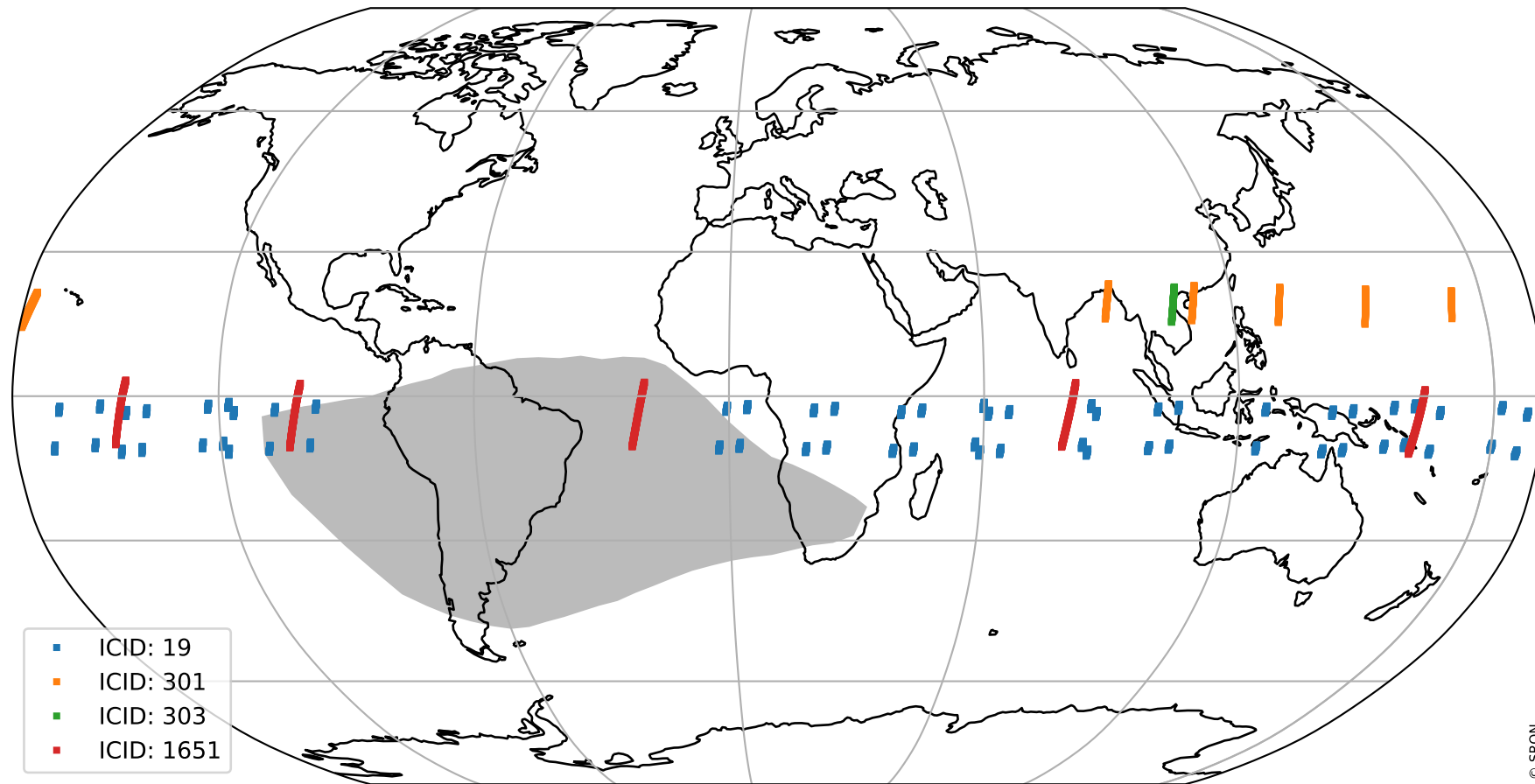
Tropomi SWIR background noise (swir)

orbits : 12 in [19957, 20047]
coverage : 2021-08-20 / 2021-08-26
median : 0.98379
spread : 0.17491
created : 2023-08-21T16:09:02



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

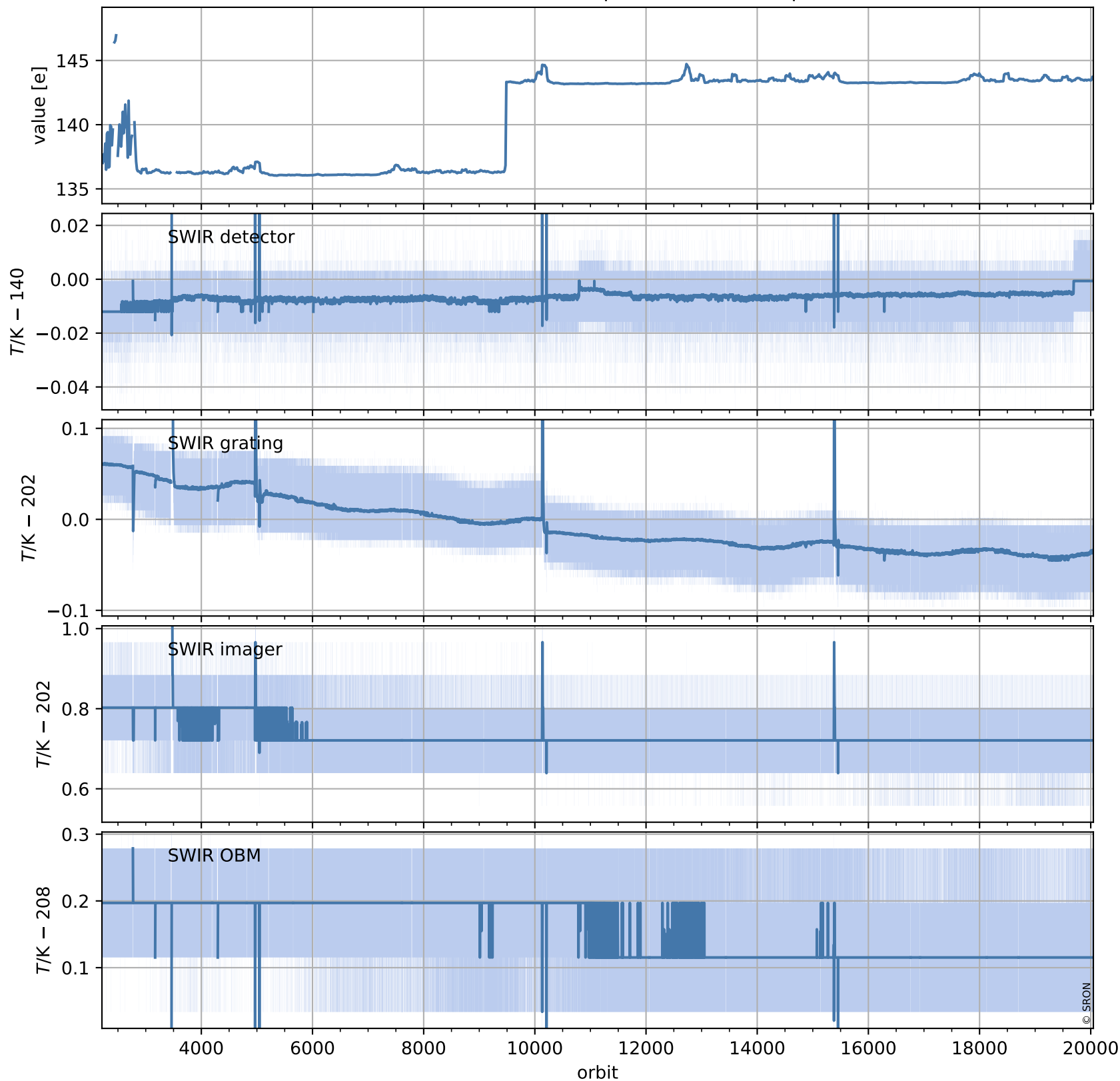
orbits : 12 in [19957, 20047]
coverage : 2021-08-20 / 2021-08-26
created : 2023-08-21T16:09:03



Tropomi SWIR background noise (swir)

orbits : [2212, 20047]
coverage : 2018-03-18 / 2021-08-26
created : 2023-08-21T16:09:03

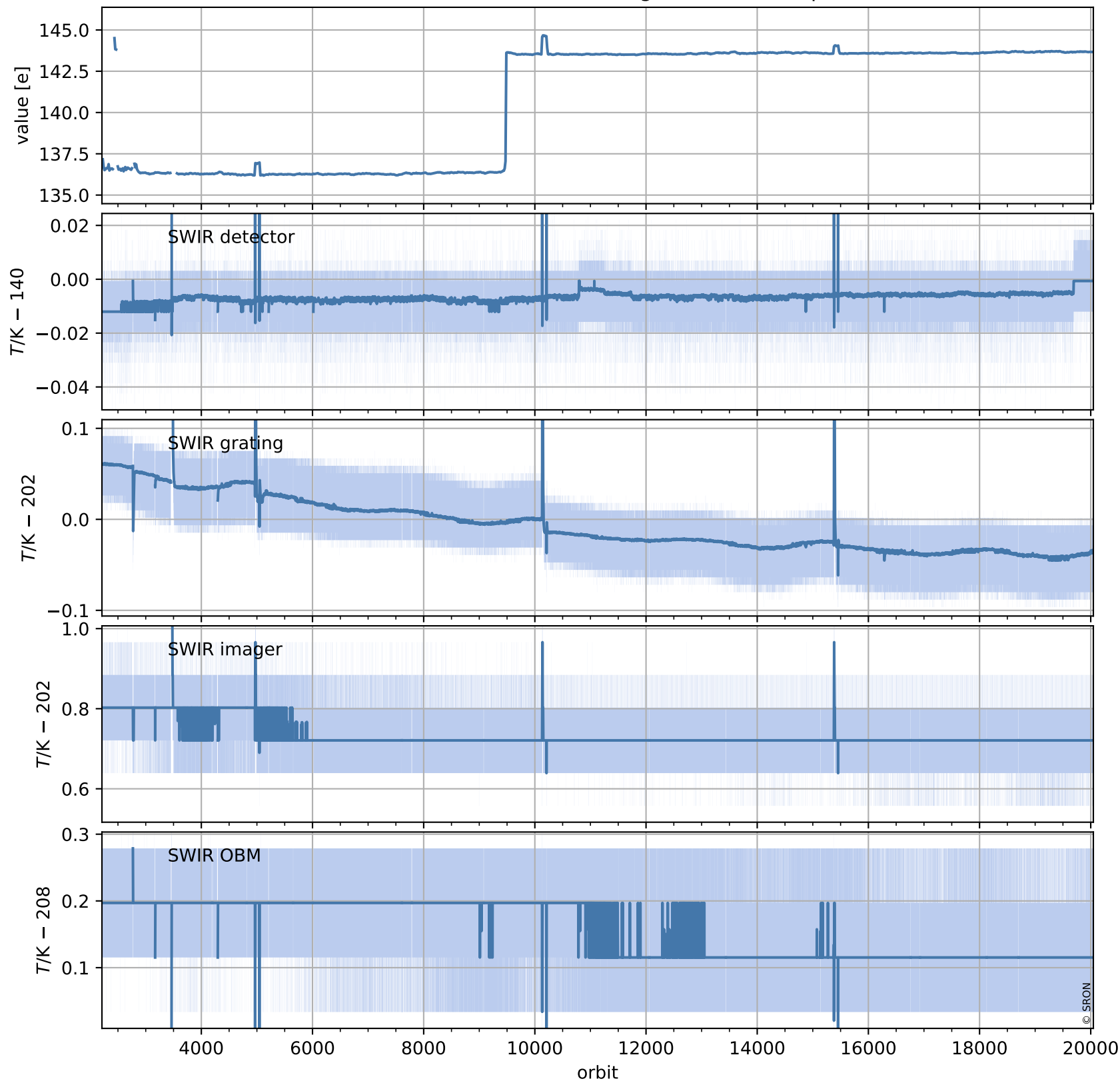
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20047]
coverage : 2018-03-18 / 2021-08-26
created : 2023-08-21T16:09:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20047]
coverage : 2018-03-18 / 2021-08-26
created : 2023-08-21T16:09:05

trend of normalized read-noise & temperatures

