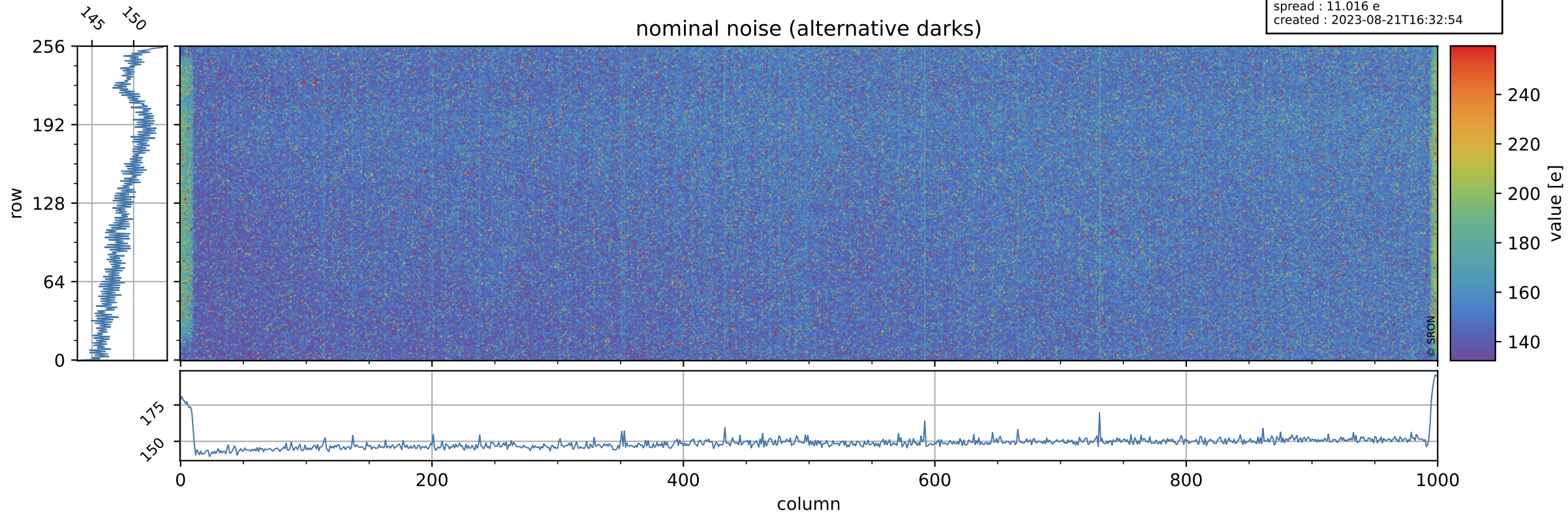


Tropomi SWIR background noise (swir)

orbits : 12 in [23752, 23842]
coverage : 2022-05-14 / 2022-05-20
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 11.016 e
created : 2023-08-21T16:32:54

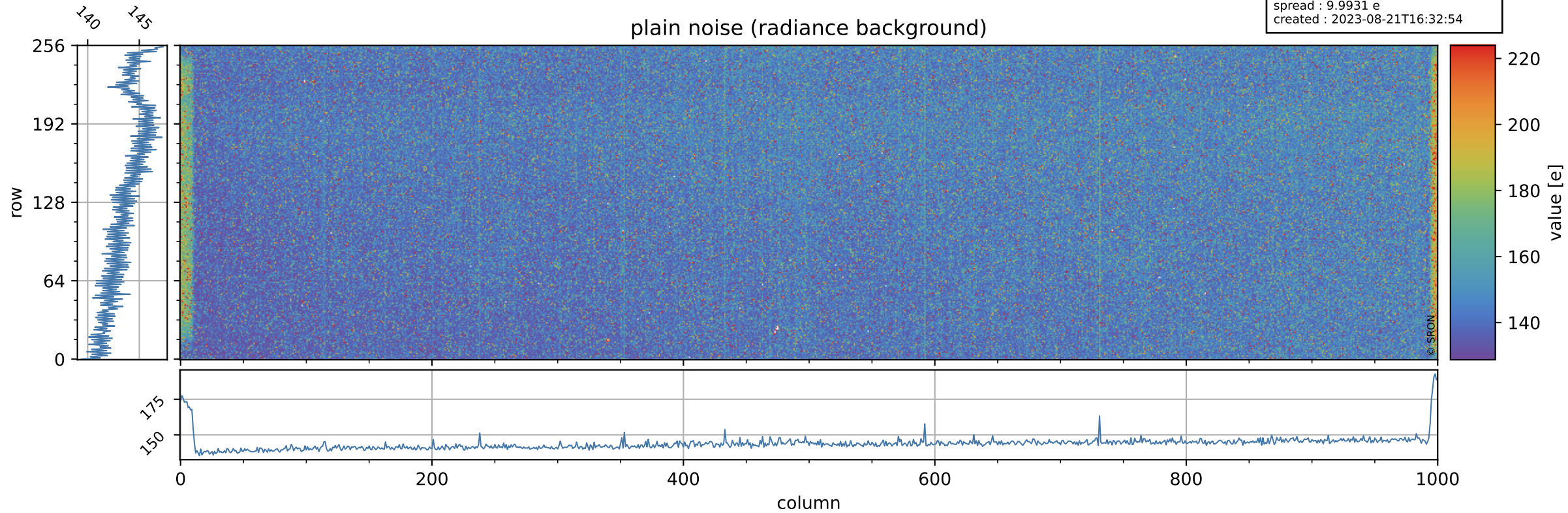
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23752, 23842]
coverage : 2022-05-14 / 2022-05-20
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 9.9931 e
created : 2023-08-21T16:32:54

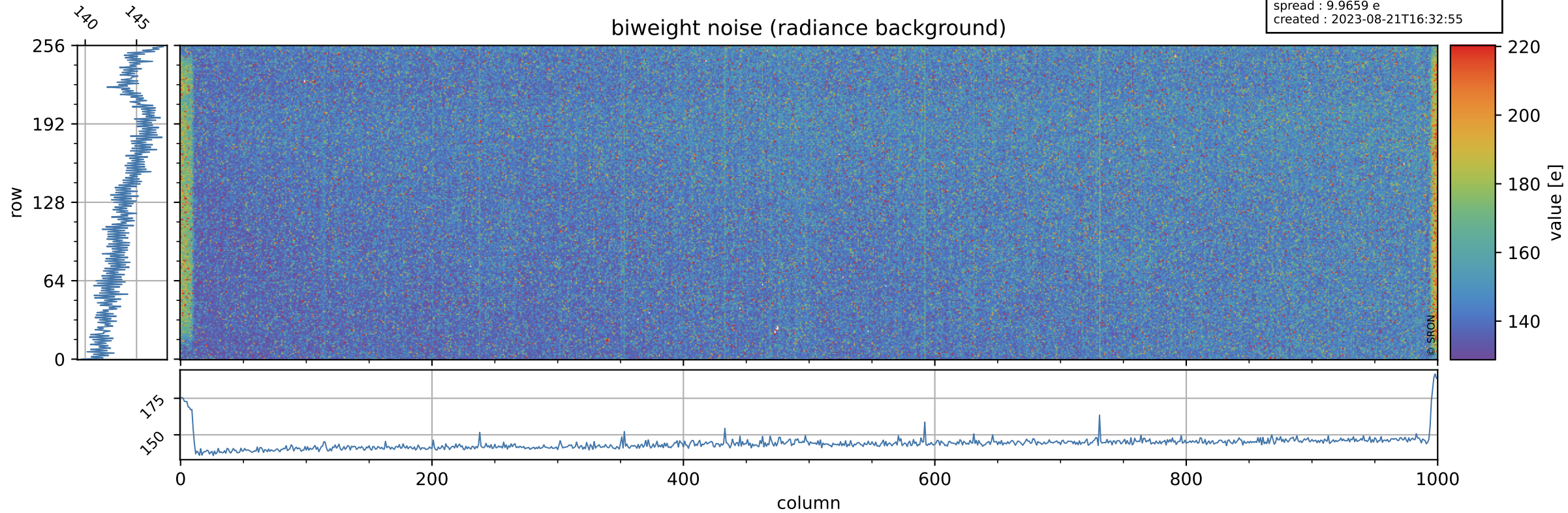
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23752, 23842]
coverage : 2022-05-14 / 2022-05-20
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.9659 e
created : 2023-08-21T16:32:55

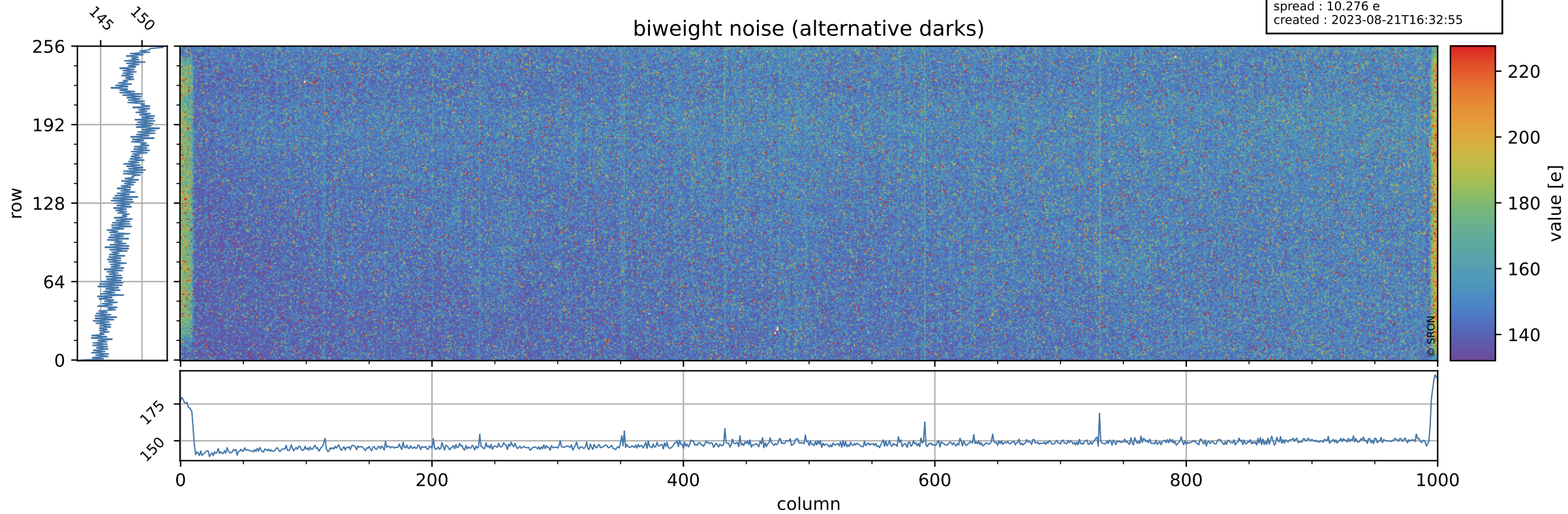
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23752, 23842]
coverage : 2022-05-14 / 2022-05-20
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.276 e
created : 2023-08-21T16:32:55

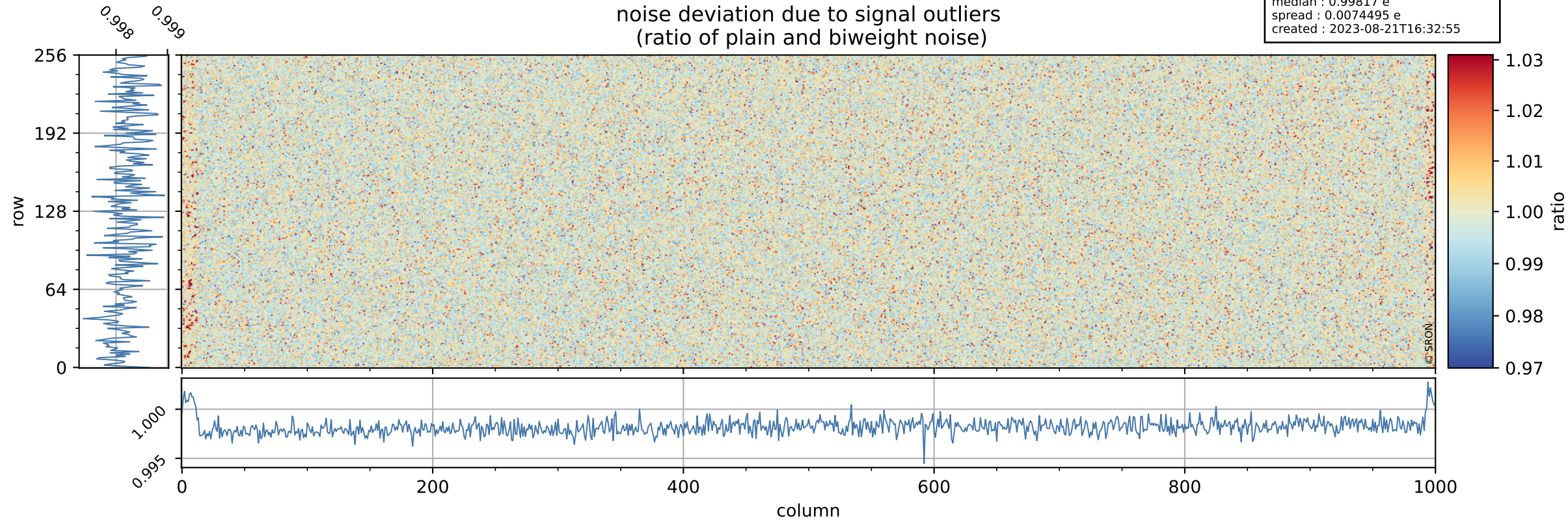
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

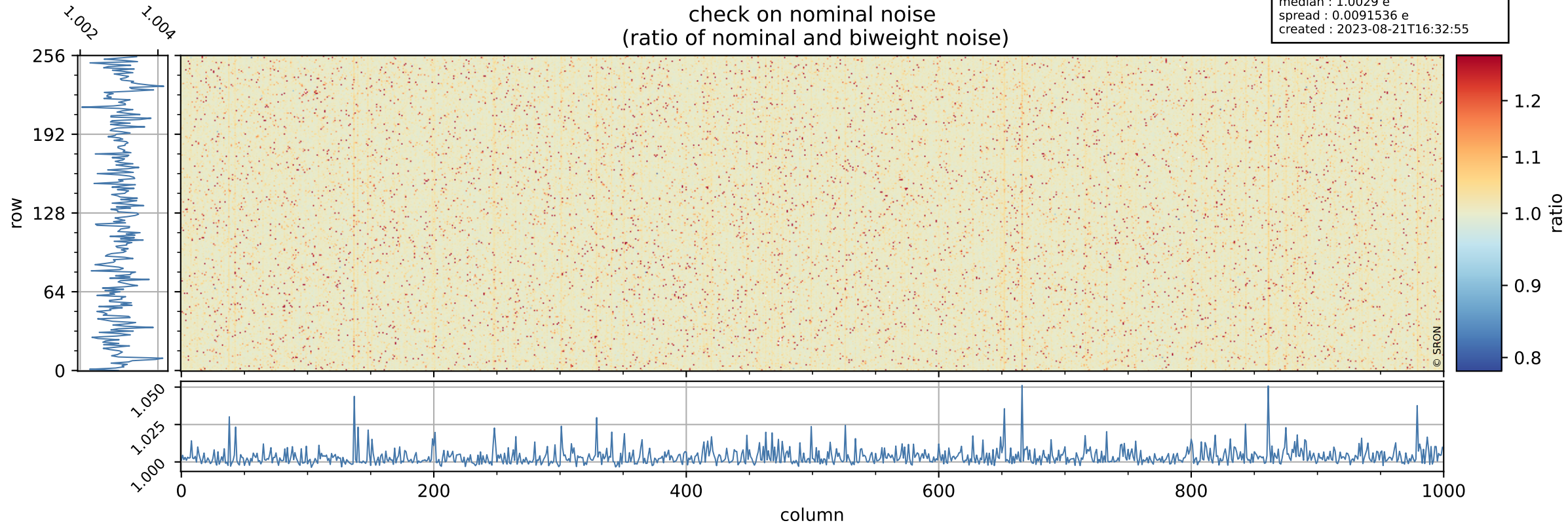
orbits : 12 in [23752, 23842]
coverage : 2022-05-14 / 2022-05-20
median : 0.99817 e
spread : 0.0074495 e
created : 2023-08-21T16:32:55



Tropomi SWIR background noise (swir)

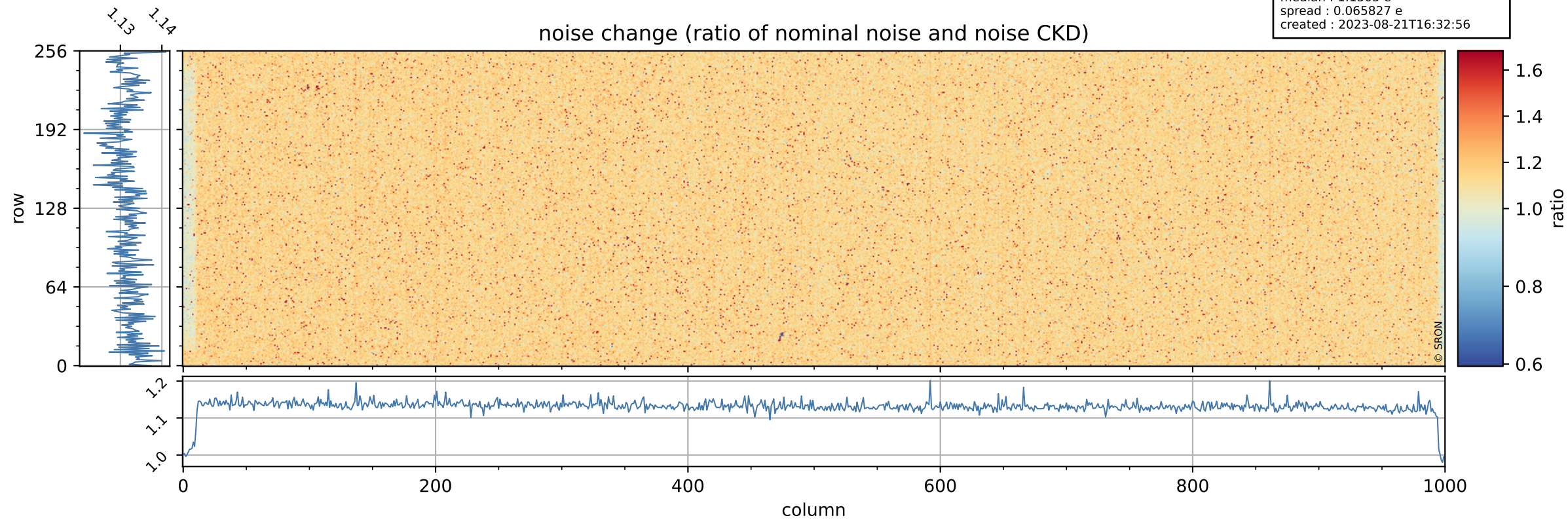
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23752, 23842]
coverage : 2022-05-14 / 2022-05-20
median : 1.0029 e
spread : 0.0091536 e
created : 2023-08-21T16:32:55



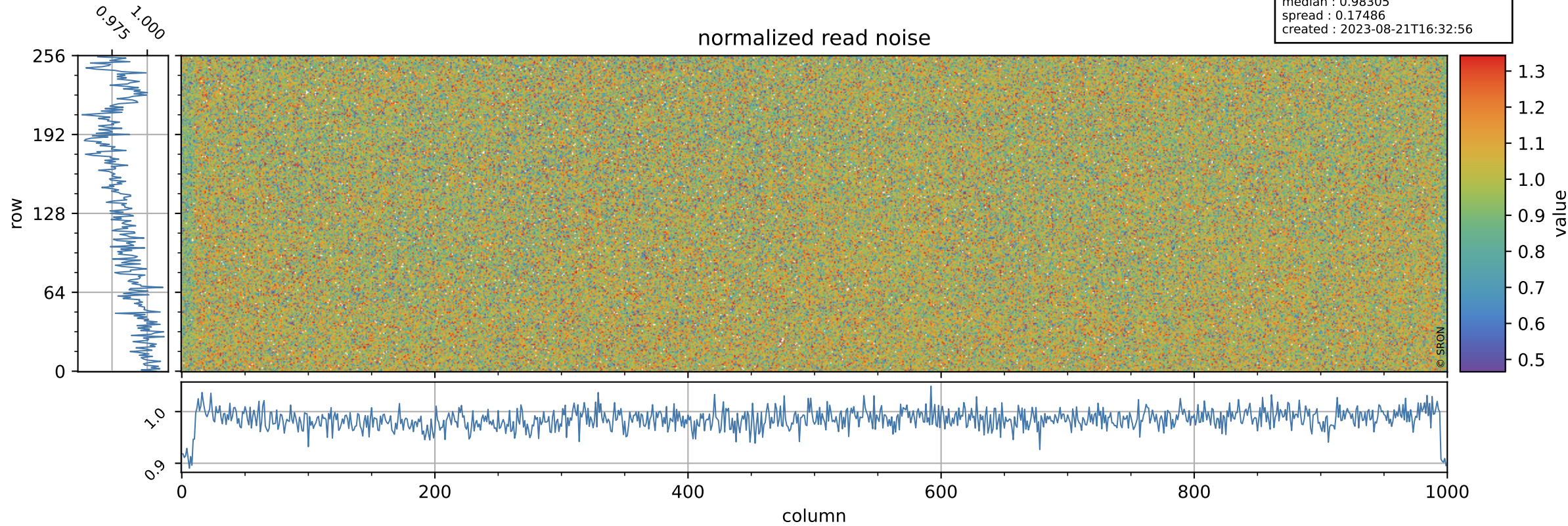
Tropomi SWIR background noise (swir)

orbits : 12 in [23752, 23842]
coverage : 2022-05-14 / 2022-05-20
median : 1.1305 e
spread : 0.065827 e
created : 2023-08-21T16:32:56



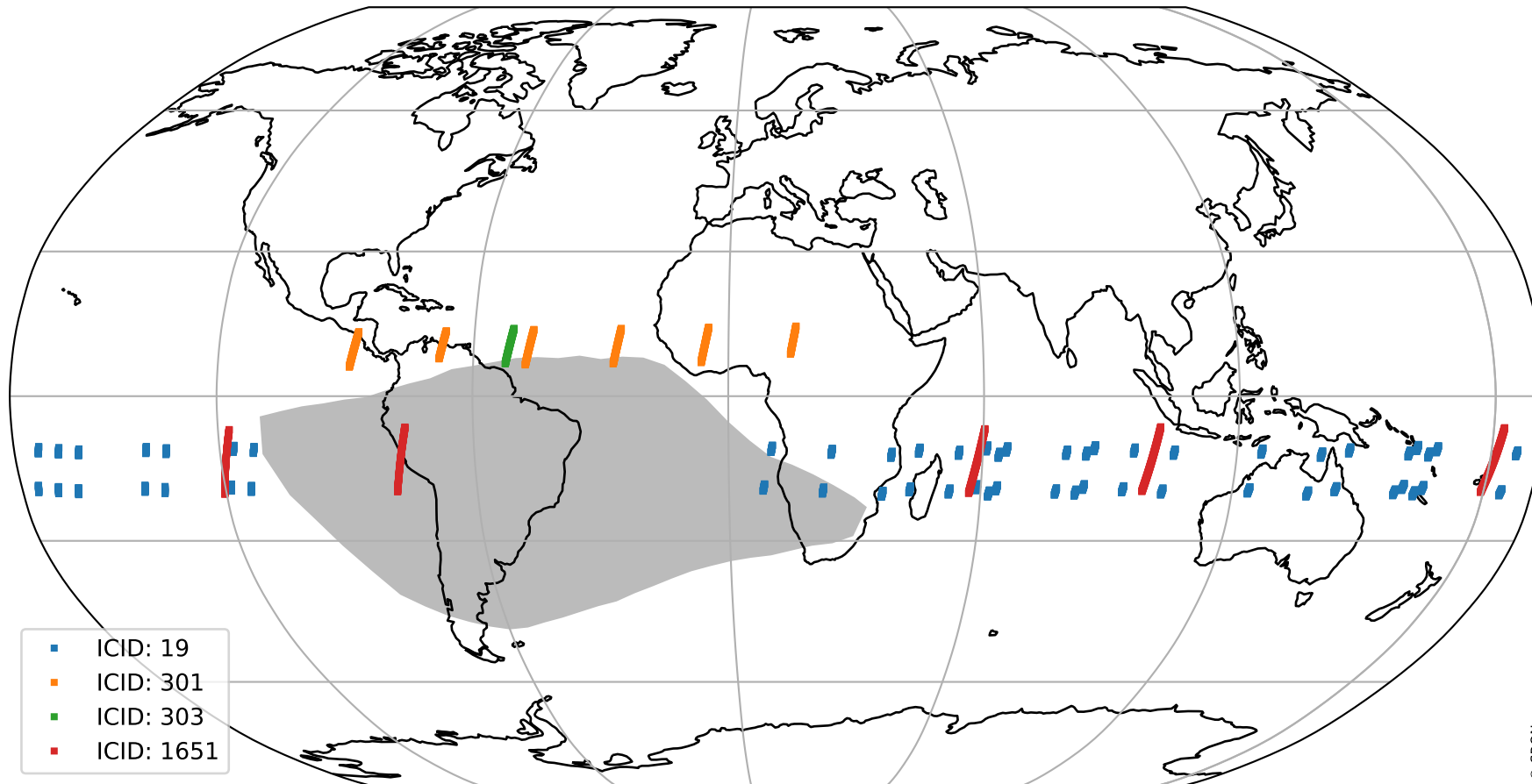
Tropomi SWIR background noise (swir)

orbits : 12 in [23752, 23842]
coverage : 2022-05-14 / 2022-05-20
median : 0.98305
spread : 0.17486
created : 2023-08-21T16:32:56



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

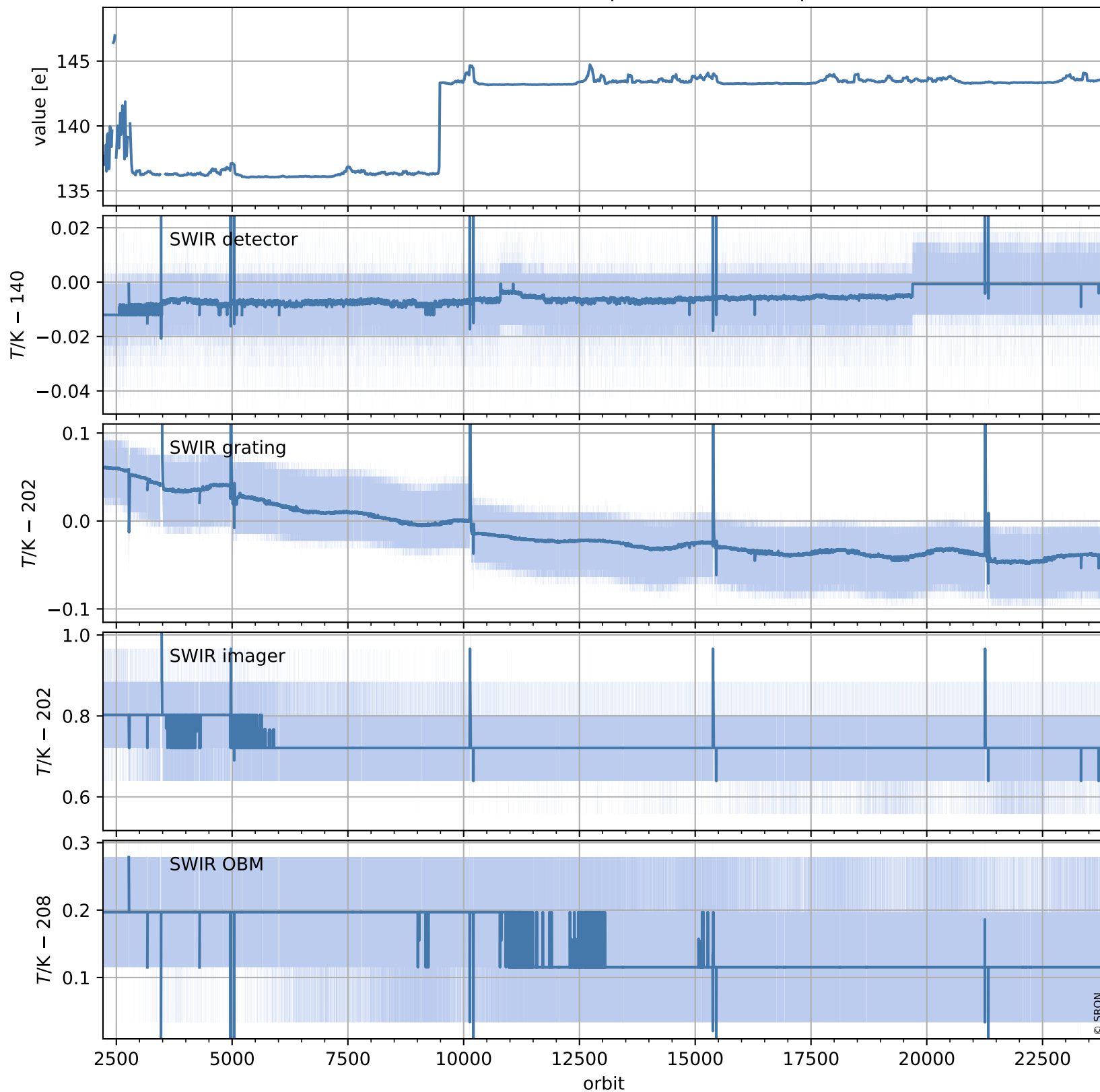
orbits : 12 in [23752, 23842]
coverage : 2022-05-14 / 2022-05-20
created : 2023-08-21T16:32:56



Tropomi SWIR background noise (swir)

orbits : [2212, 23842]
coverage : 2018-03-18 / 2022-05-20
created : 2023-08-21T16:32:57

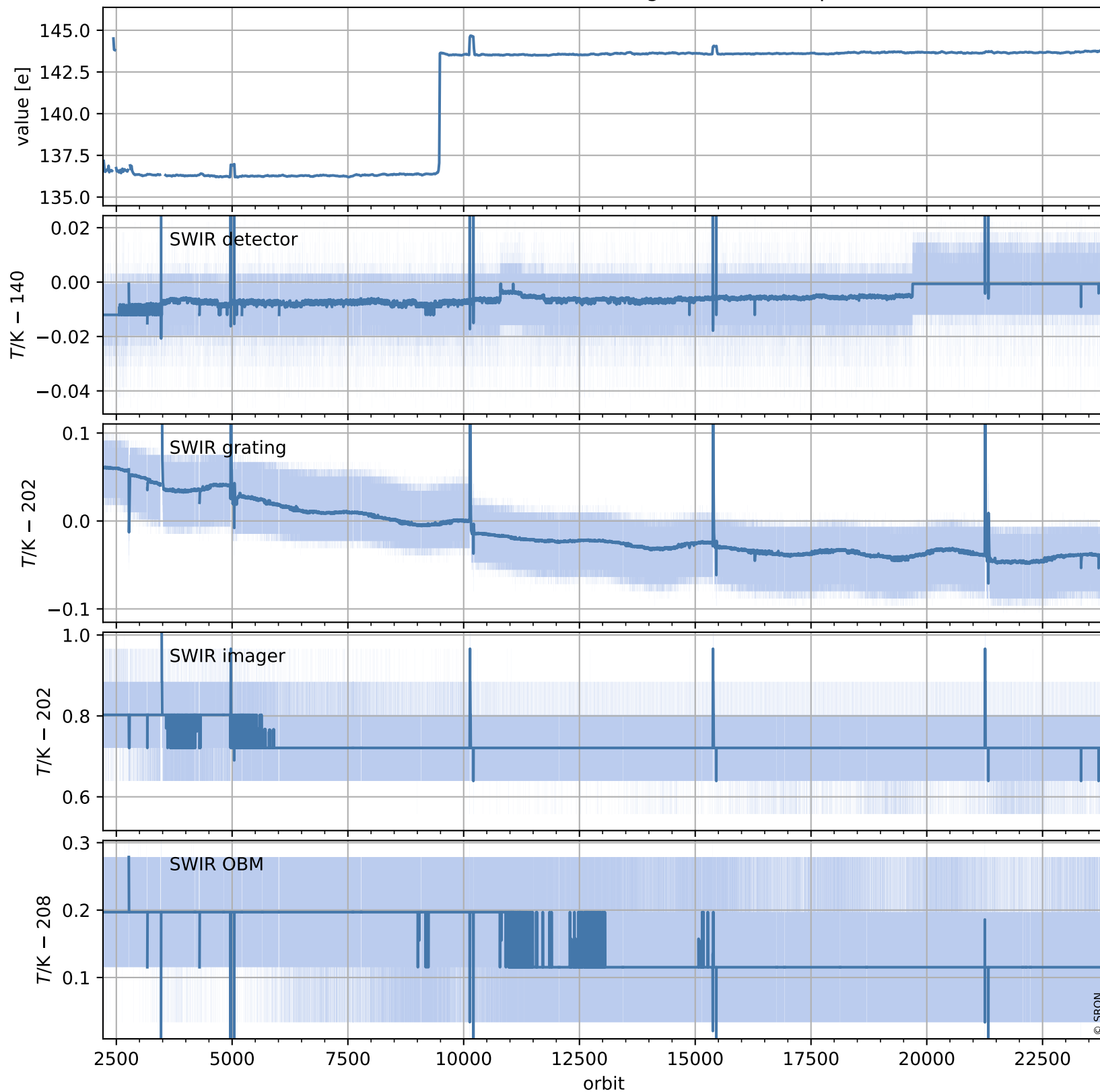
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23842]
coverage : 2018-03-18 / 2022-05-20
created : 2023-08-21T16:32:58

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23842]
coverage : 2018-03-18 / 2022-05-20
created : 2023-08-21T16:32:59

trend of normalized read-noise & temperatures

