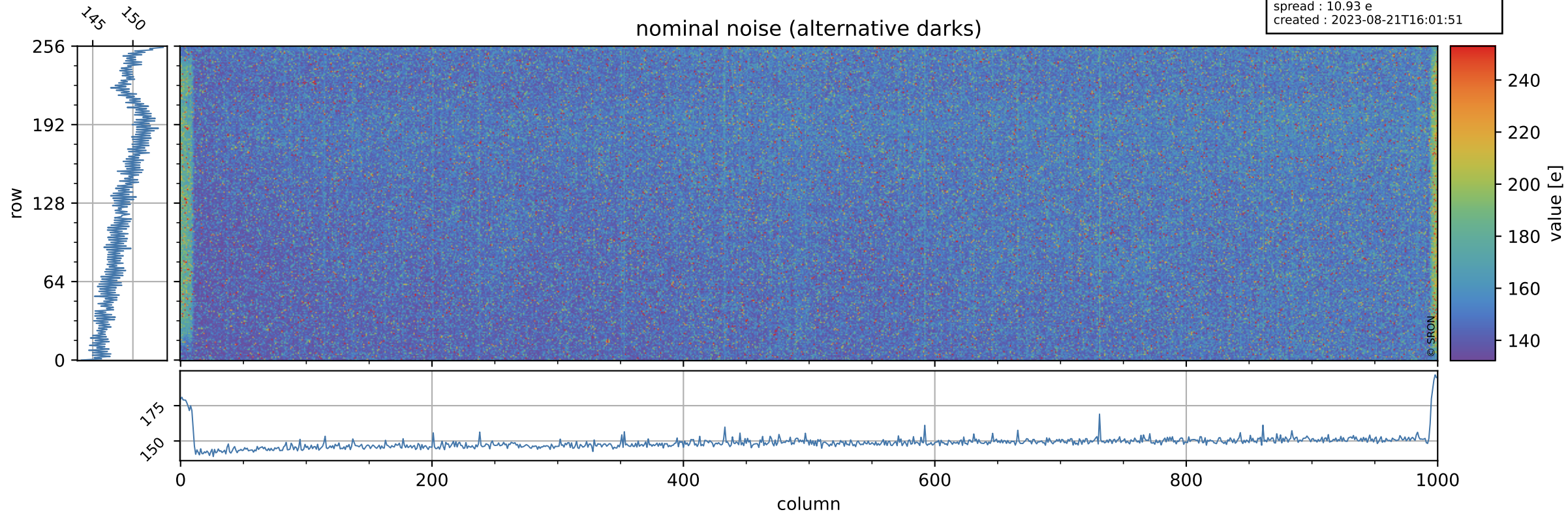


Tropomi SWIR background noise (swir)

orbits : 12 in [18772, 18862]
coverage : 2021-05-28 / 2021-06-03
n_coad, t_exp : 1, 1.0783
median : 148.68 e
spread : 10.93 e
created : 2023-08-21T16:01:51

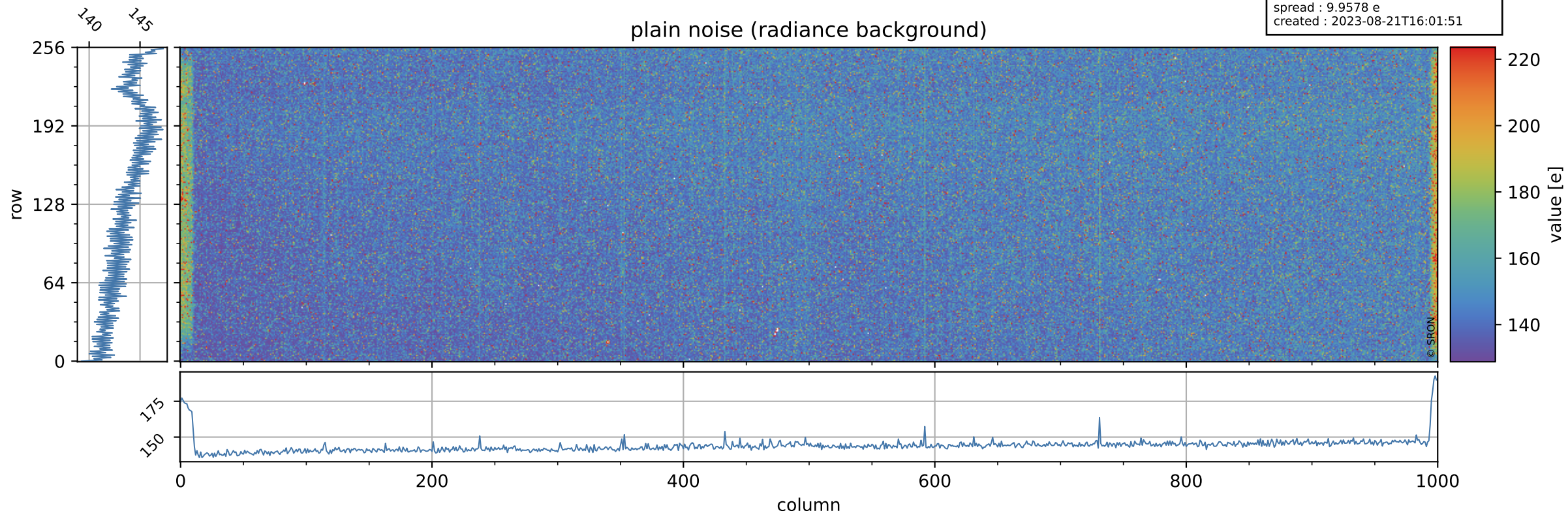
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18772, 18862]
coverage : 2021-05-28 / 2021-06-03
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.9578 e
created : 2023-08-21T16:01:51

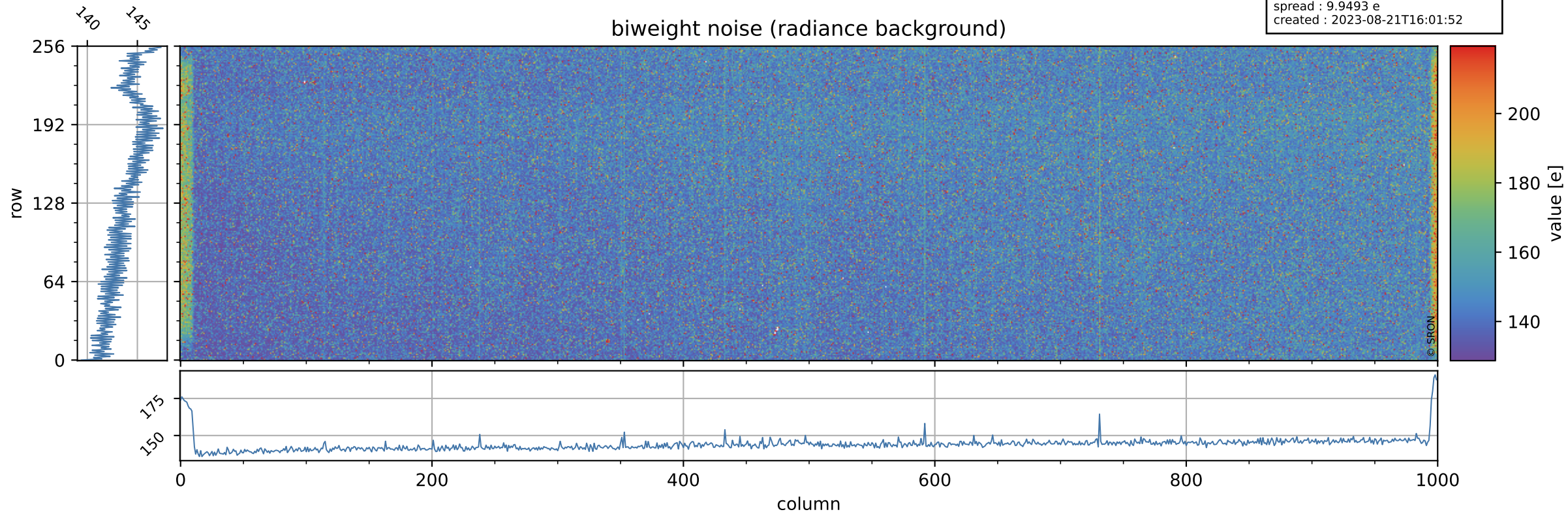
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18772, 18862]
coverage : 2021-05-28 / 2021-06-03
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9493 e
created : 2023-08-21T16:01:52

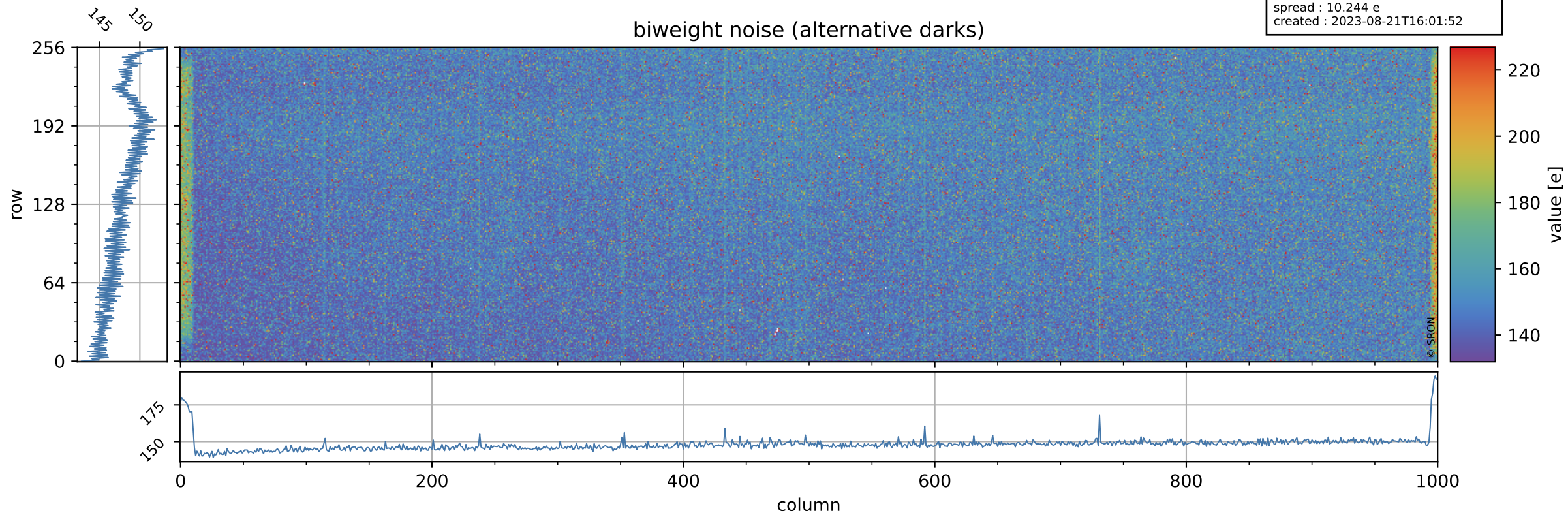
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18772, 18862]
coverage : 2021-05-28 / 2021-06-03
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.244 e
created : 2023-08-21T16:01:52

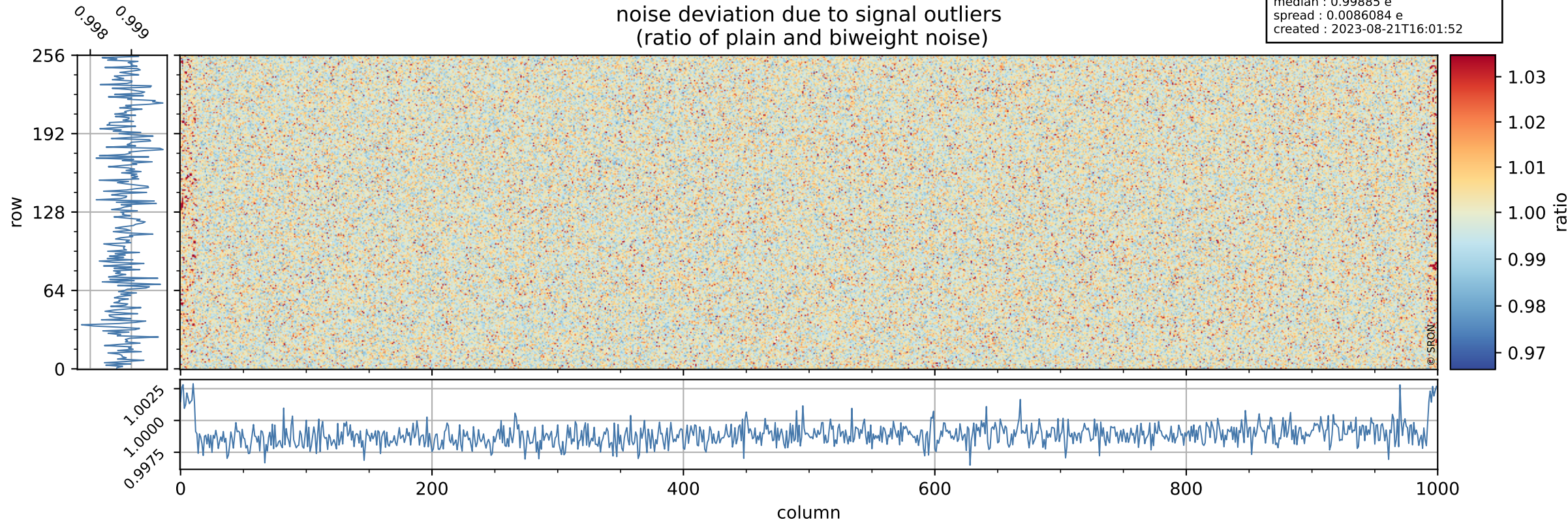
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

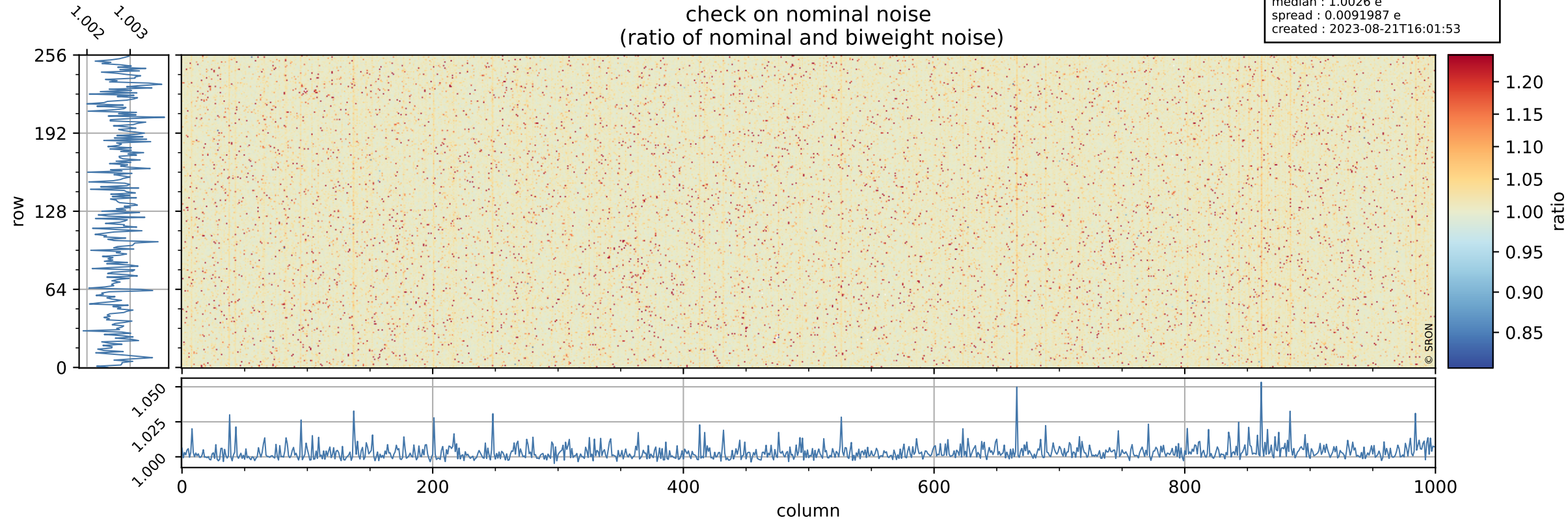
orbits : 12 in [18772, 18862]
coverage : 2021-05-28 / 2021-06-03
median : 0.99885 e
spread : 0.0086084 e
created : 2023-08-21T16:01:52



Tropomi SWIR background noise (swir)

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

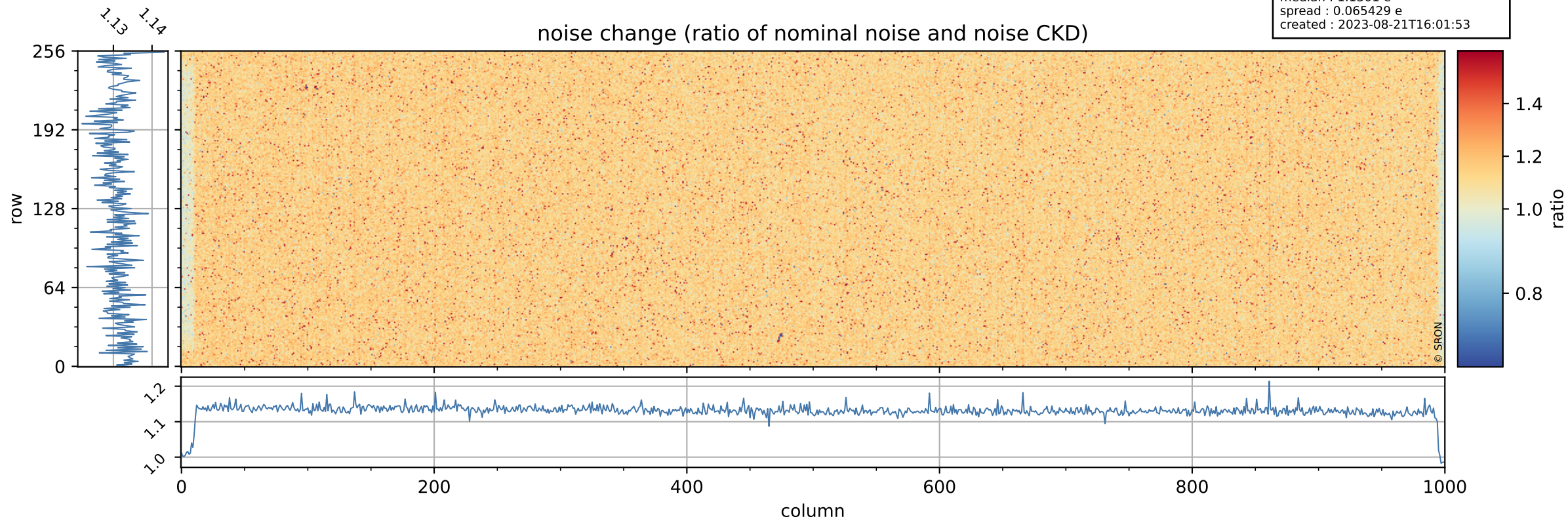
orbits : 12 in [18772, 18862]
coverage : 2021-05-28 / 2021-06-03
median : 1.0026 e
spread : 0.0091987 e
created : 2023-08-21T16:01:53



Tropomi SWIR background noise (swir)

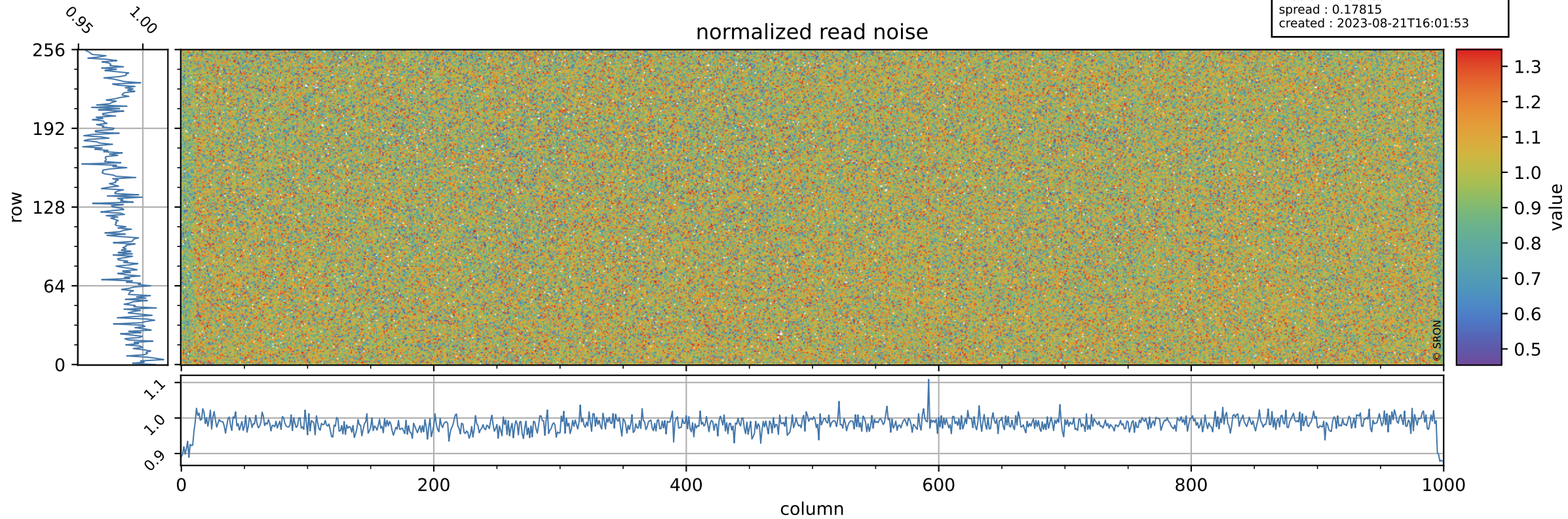
orbits : 12 in [18772, 18862]
coverage : 2021-05-28 / 2021-06-03
median : 1.1301 e
spread : 0.065429 e
created : 2023-08-21T16:01:53

noise change (ratio of nominal noise and noise CKD)



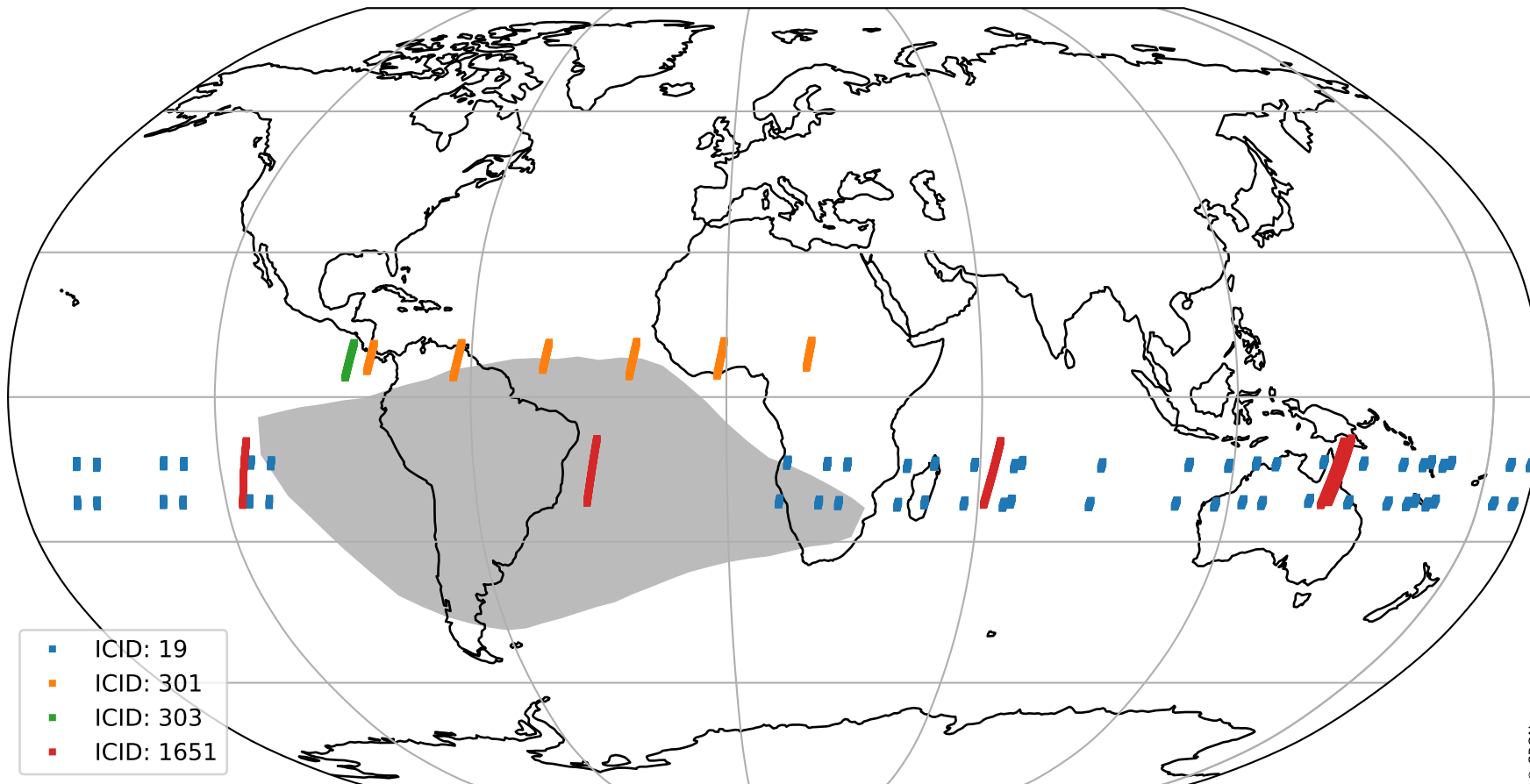
Tropomi SWIR background noise (swir)

orbits : 12 in [18772, 18862]
coverage : 2021-05-28 / 2021-06-03
median : 0.98139
spread : 0.17815
created : 2023-08-21T16:01:53



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

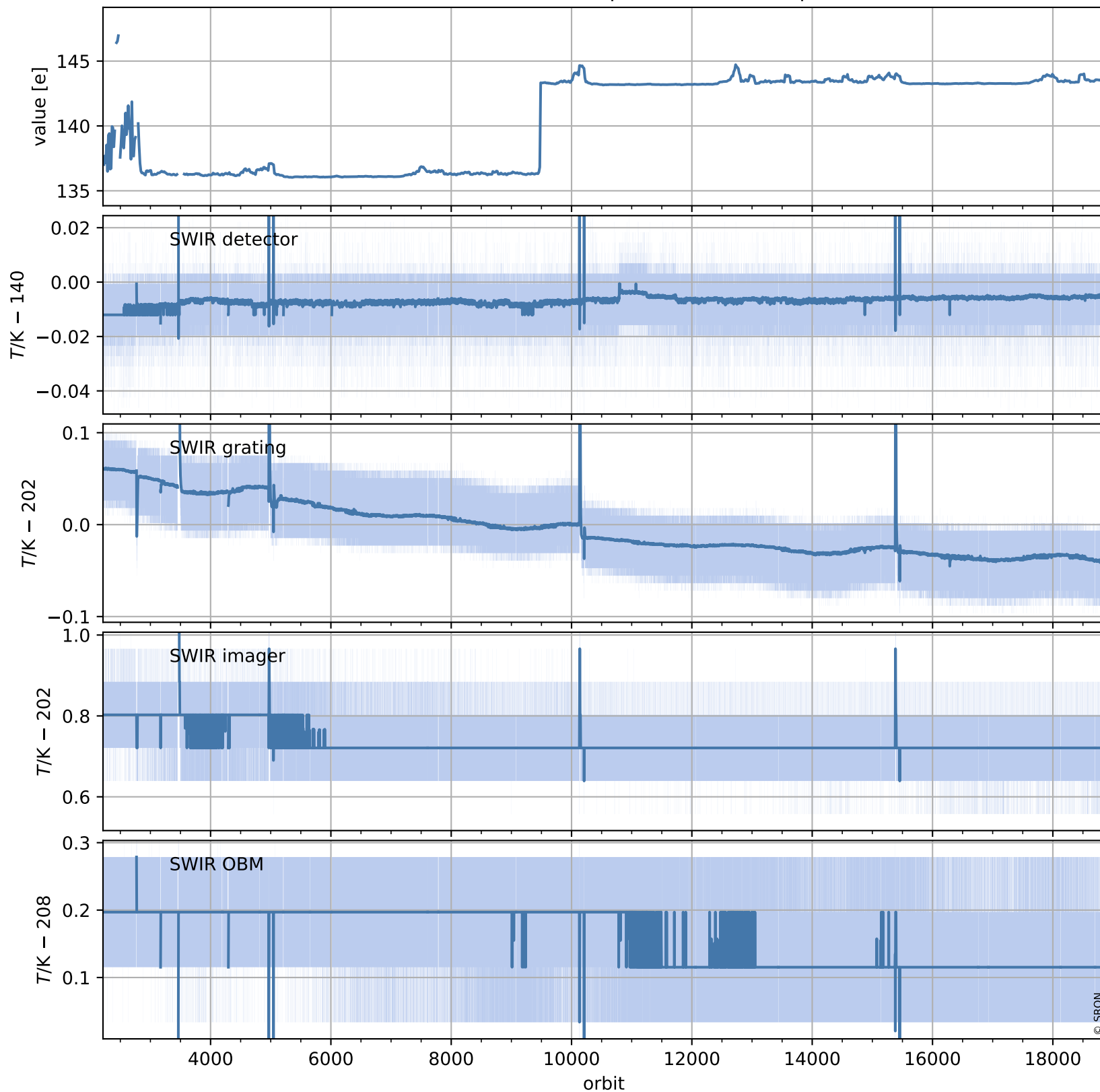
orbits : 12 in [18772, 18862]
coverage : 2021-05-28 / 2021-06-03
created : 2023-08-21T16:01:54



Tropomi SWIR background noise (swir)

orbits : [2212, 18862]
coverage : 2018-03-18 / 2021-06-03
created : 2023-08-21T16:01:54

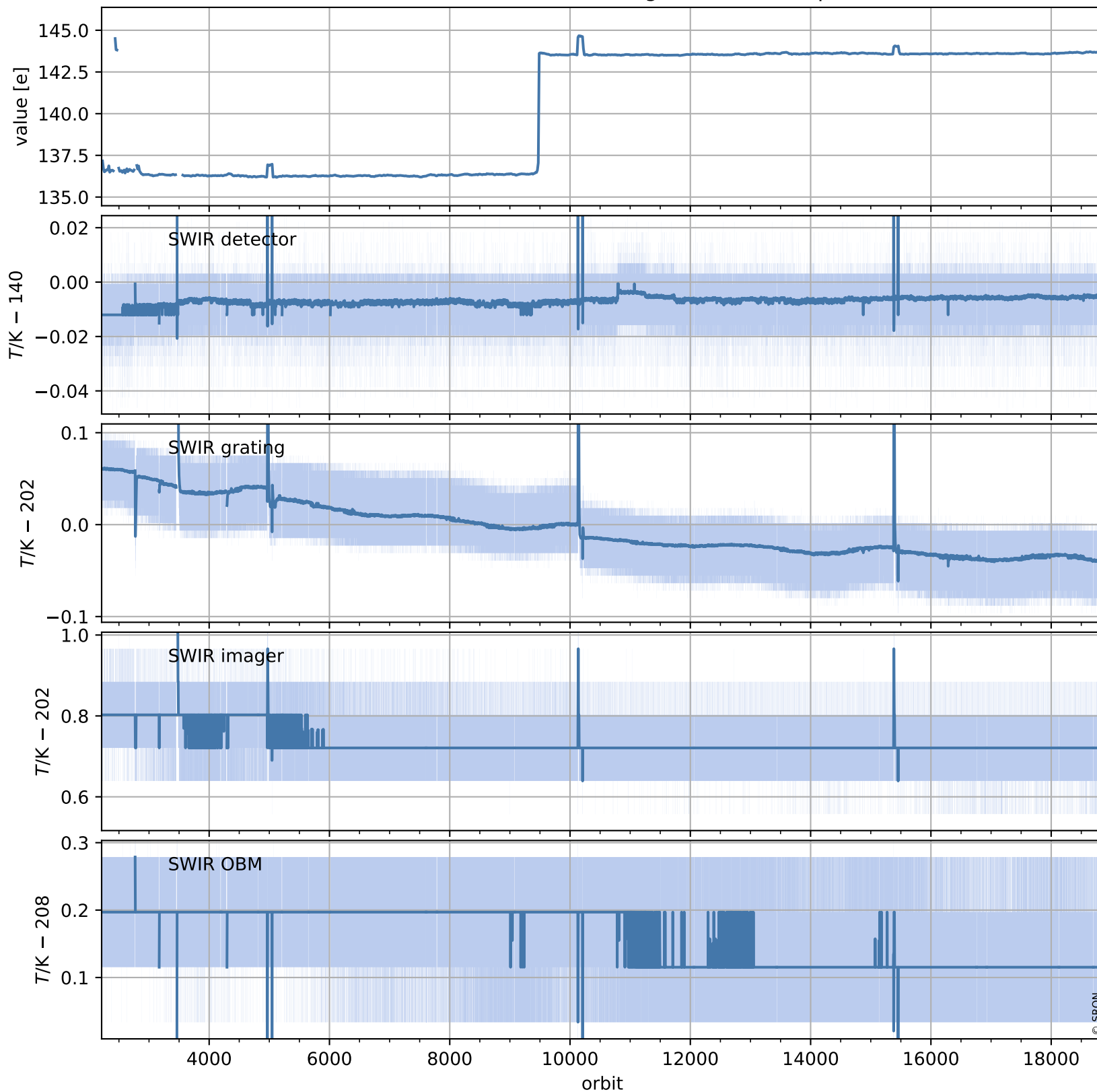
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18862]
coverage : 2018-03-18 / 2021-06-03
created : 2023-08-21T16:01:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18862]
coverage : 2018-03-18 / 2021-06-03
created : 2023-08-21T16:01:56

trend of normalized read-noise & temperatures

