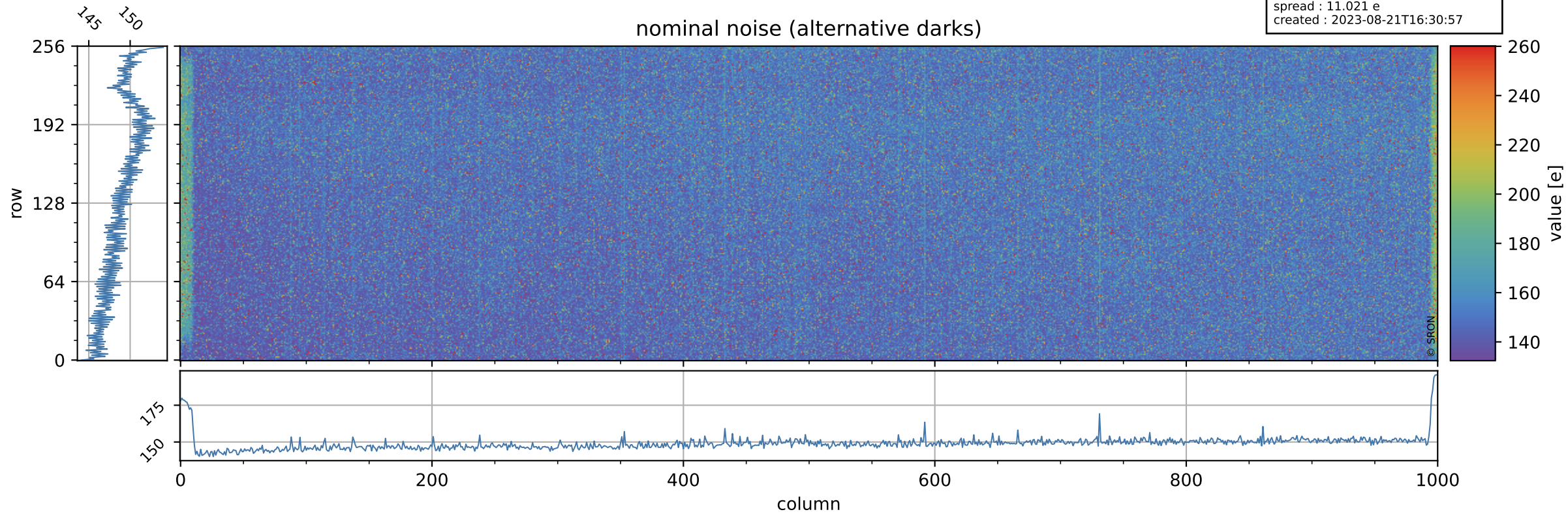


Tropomi SWIR background noise (swir)

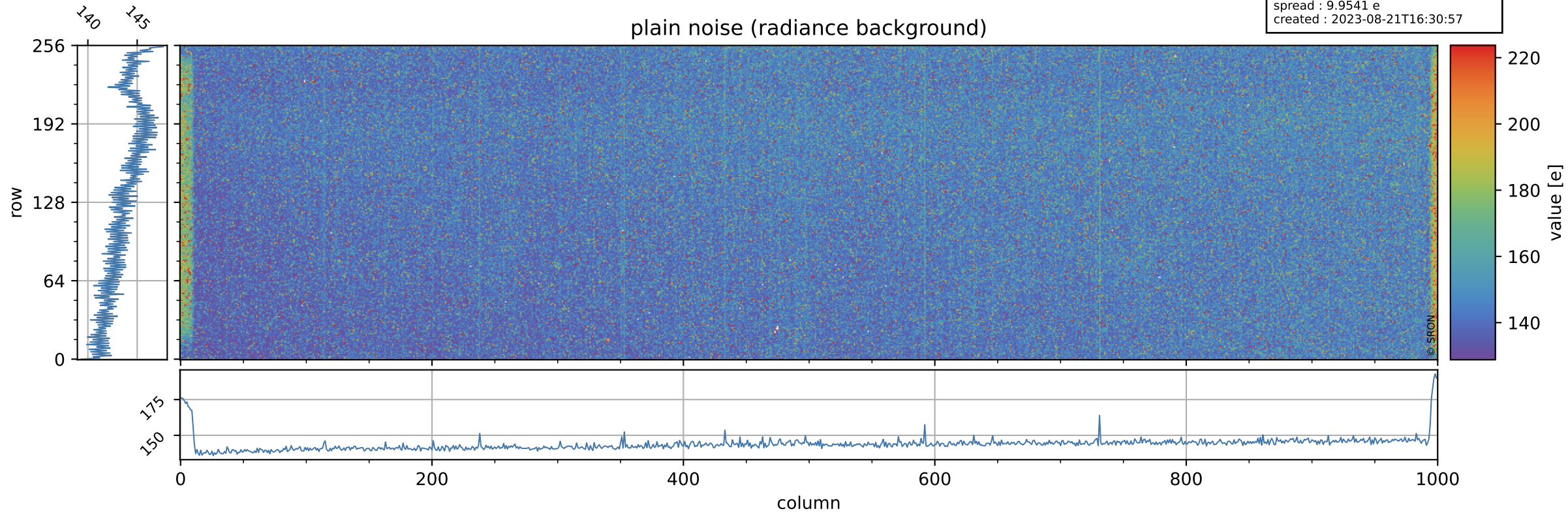
orbits : 12 in [23452, 23542]
coverage : 2022-04-23 / 2022-04-29
n_coad, t_exp : 1, 1.0783
median : 148.82 e
spread : 11.021 e
created : 2023-08-21T16:30:57



Tropomi SWIR background noise (swir)

orbits : 12 in [23452, 23542]
coverage : 2022-04-23 / 2022-04-29
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 9.9541 e
created : 2023-08-21T16:30:57

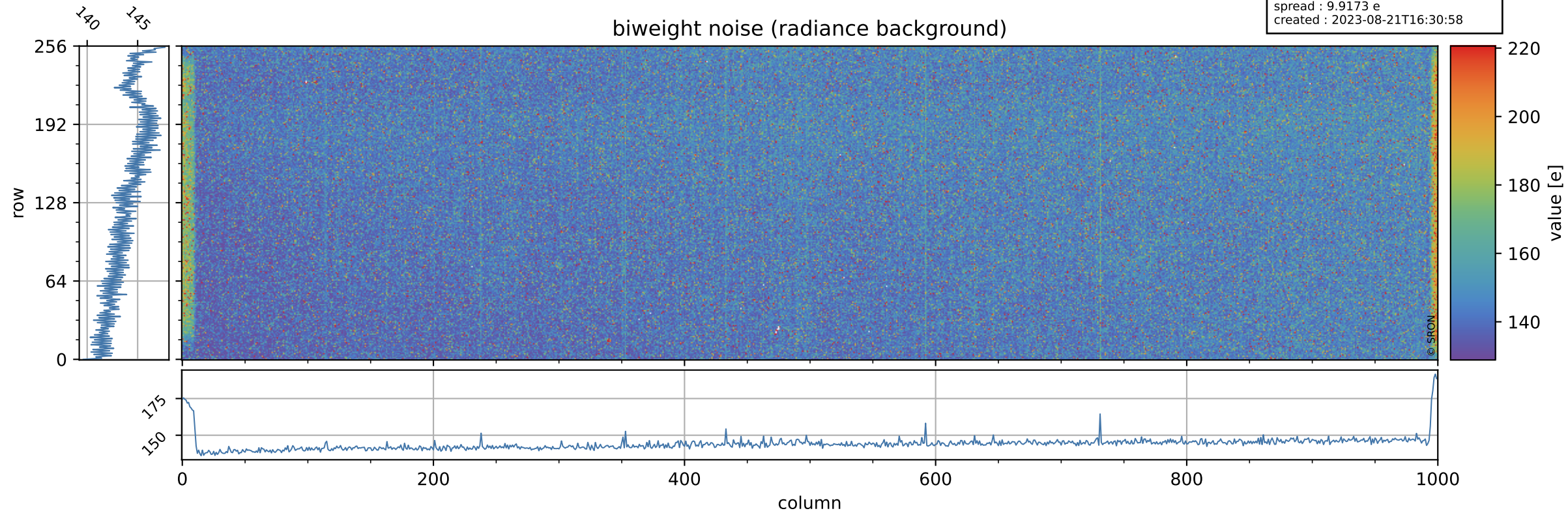
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23452, 23542]
coverage : 2022-04-23 / 2022-04-29
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.9173 e
created : 2023-08-21T16:30:58

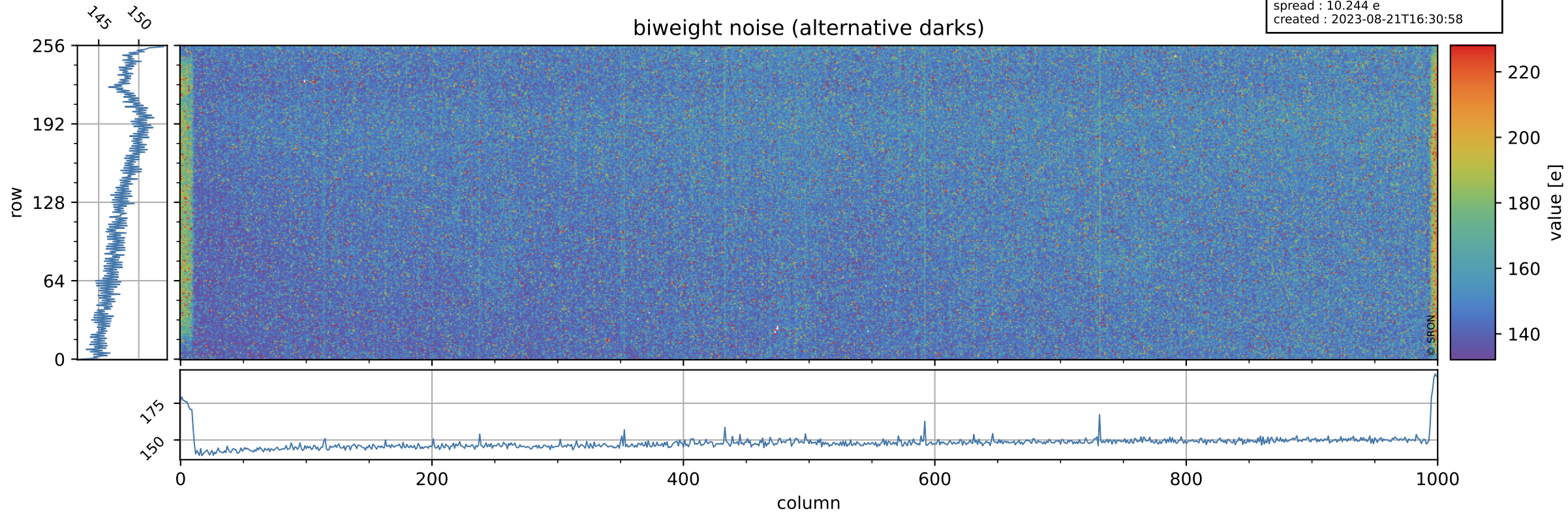
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23452, 23542]
coverage : 2022-04-23 / 2022-04-29
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.244 e
created : 2023-08-21T16:30:58

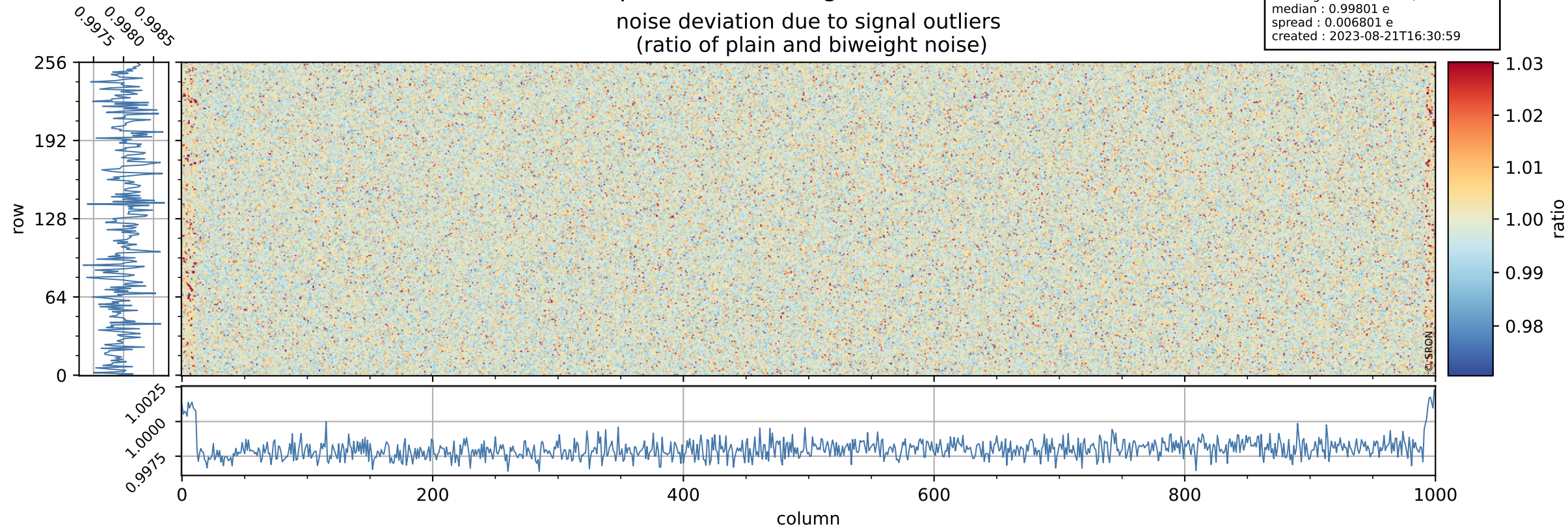
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

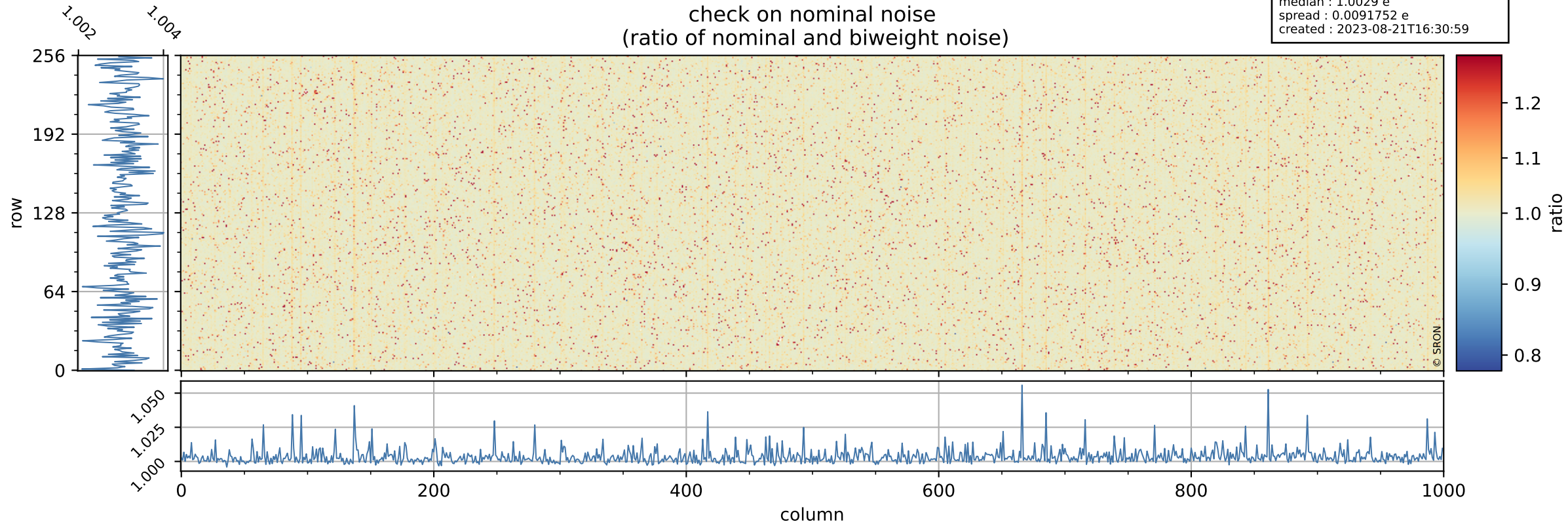
orbits : 12 in [23452, 23542]
coverage : 2022-04-23 / 2022-04-29
median : 0.99801 e
spread : 0.006801 e
created : 2023-08-21T16:30:59



Tropomi SWIR background noise (swir)

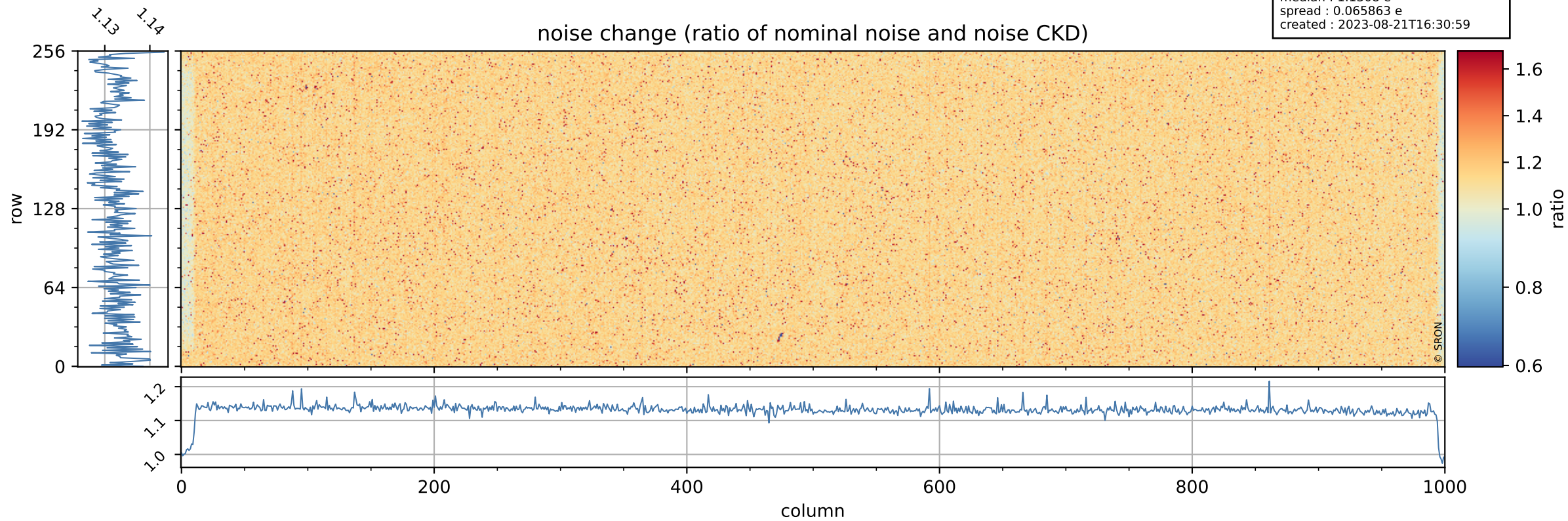
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23452, 23542]
coverage : 2022-04-23 / 2022-04-29
median : 1.0029 e
spread : 0.0091752 e
created : 2023-08-21T16:30:59



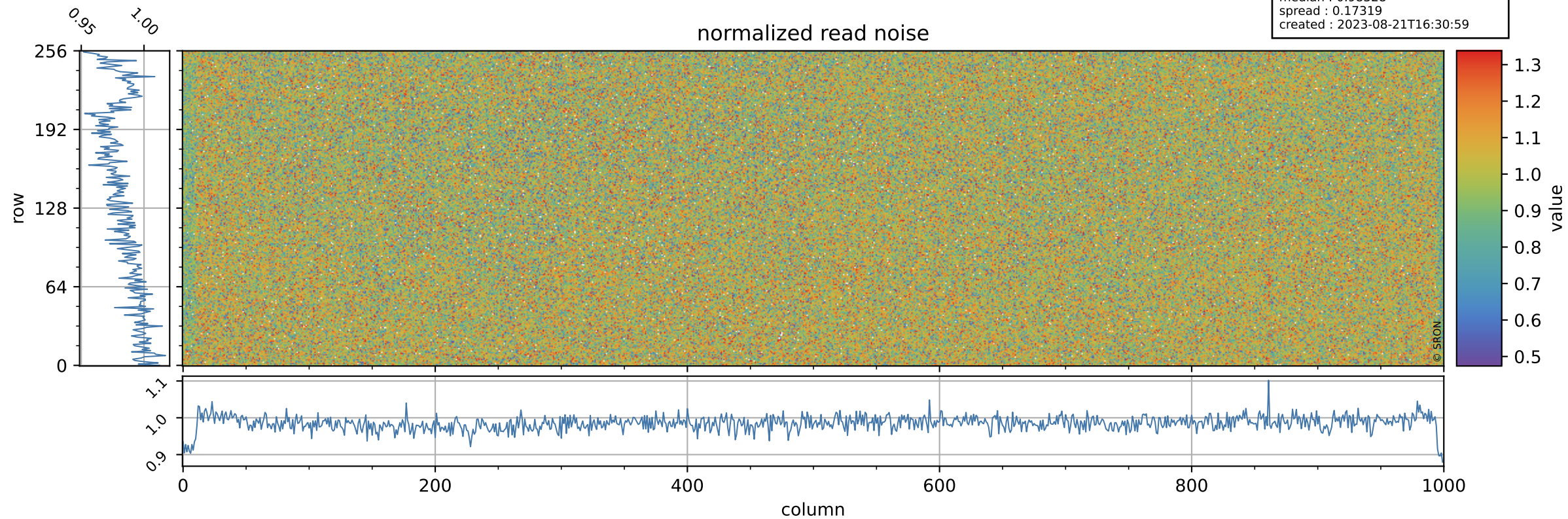
Tropomi SWIR background noise (swir)

orbits : 12 in [23452, 23542]
coverage : 2022-04-23 / 2022-04-29
median : 1.1308 e
spread : 0.065863 e
created : 2023-08-21T16:30:59



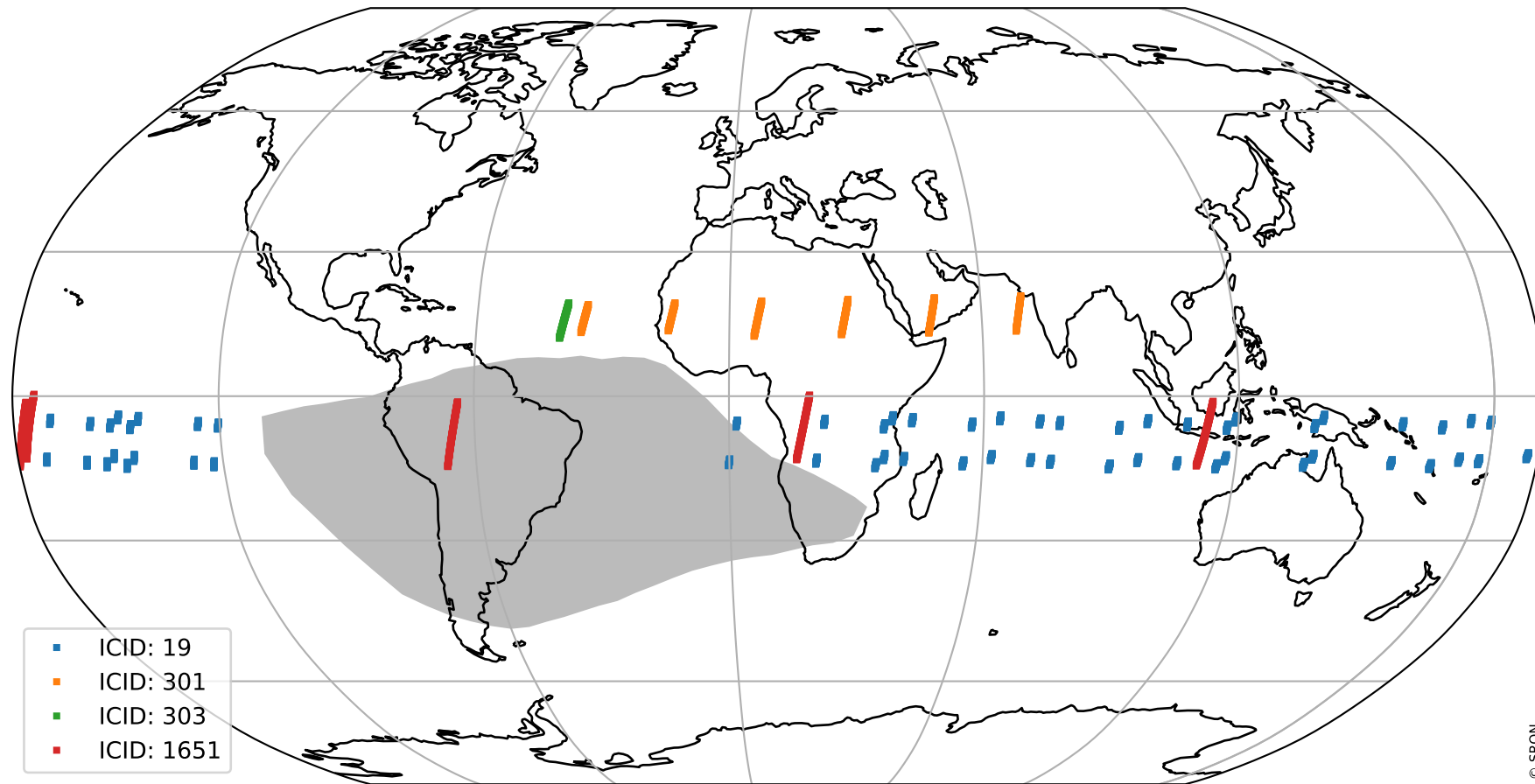
Tropomi SWIR background noise (swir)

orbits : 12 in [23452, 23542]
coverage : 2022-04-23 / 2022-04-29
median : 0.98328
spread : 0.17319
created : 2023-08-21T16:30:59



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

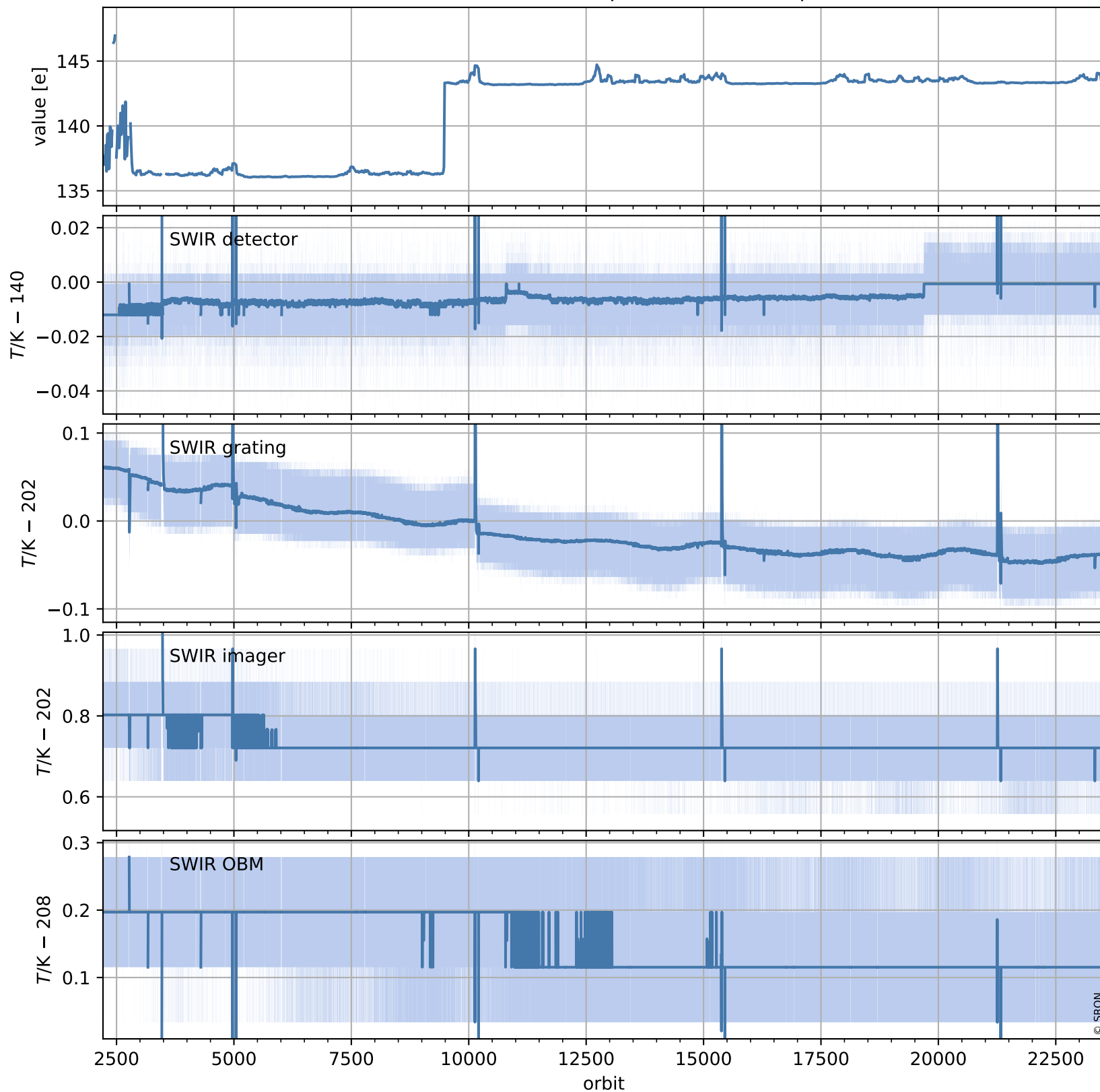
orbits : 12 in [23452, 23542]
coverage : 2022-04-23 / 2022-04-29
created : 2023-08-21T16:31:00



Tropomi SWIR background noise (swir)

orbits : [2212, 23542]
coverage : 2018-03-18 / 2022-04-29
created : 2023-08-21T16:31:00

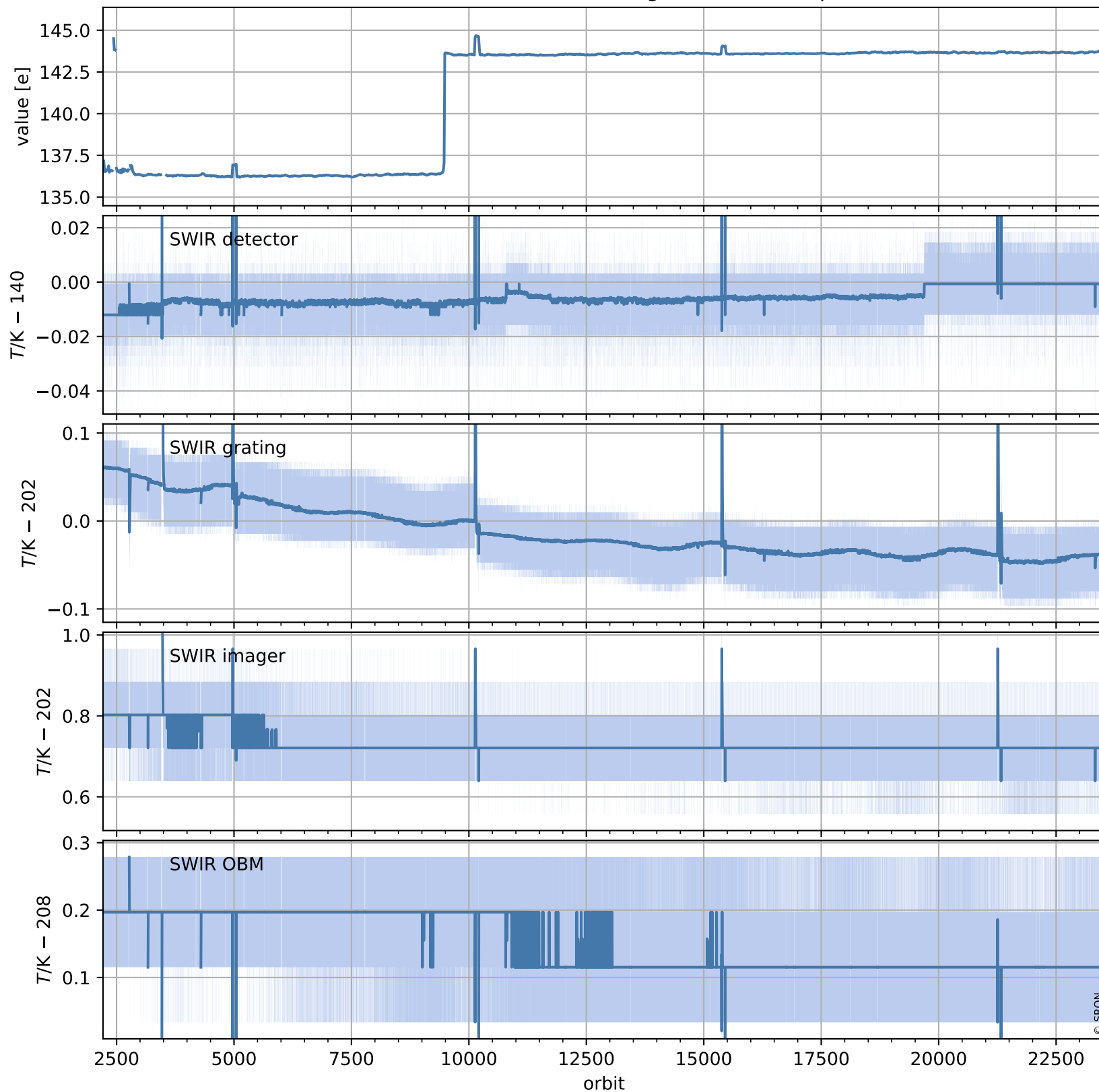
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23542]
coverage : 2018-03-18 / 2022-04-29
created : 2023-08-21T16:31:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23542]
coverage : 2018-03-18 / 2022-04-29
created : 2023-08-21T16:31:02

trend of normalized read-noise & temperatures

