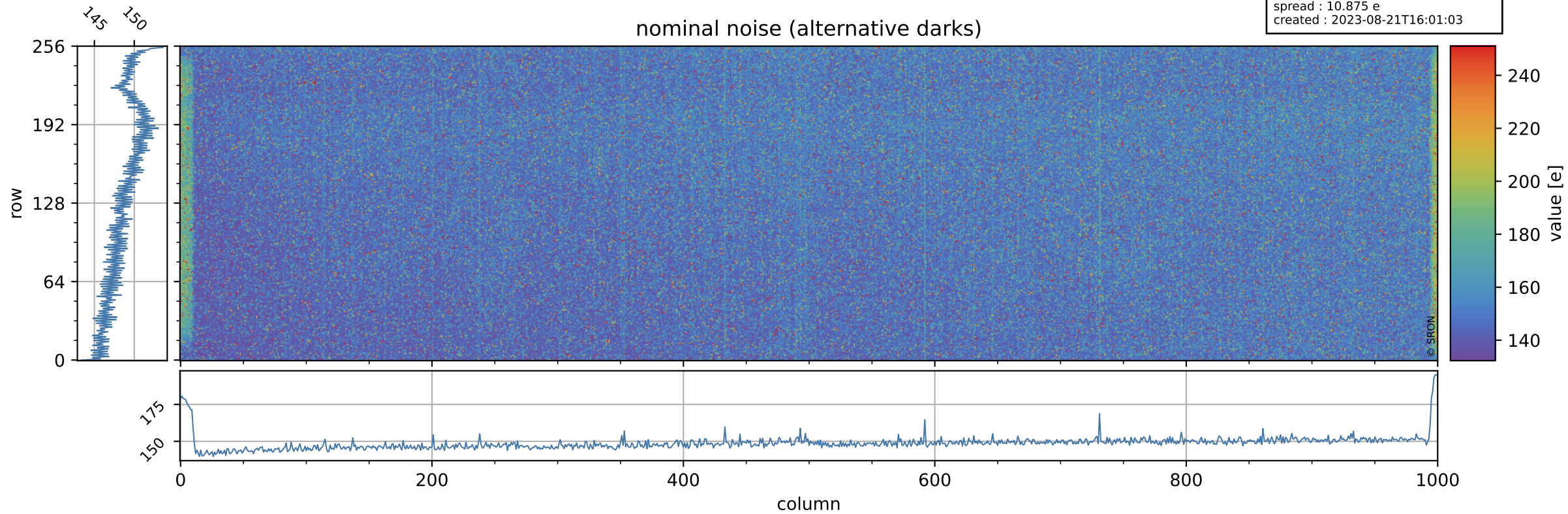


Tropomi SWIR background noise (swir)

orbits : 13 in [18652, 18727]
coverage : 2021-05-19 / 2021-05-24
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.875 e
created : 2023-08-21T16:01:03

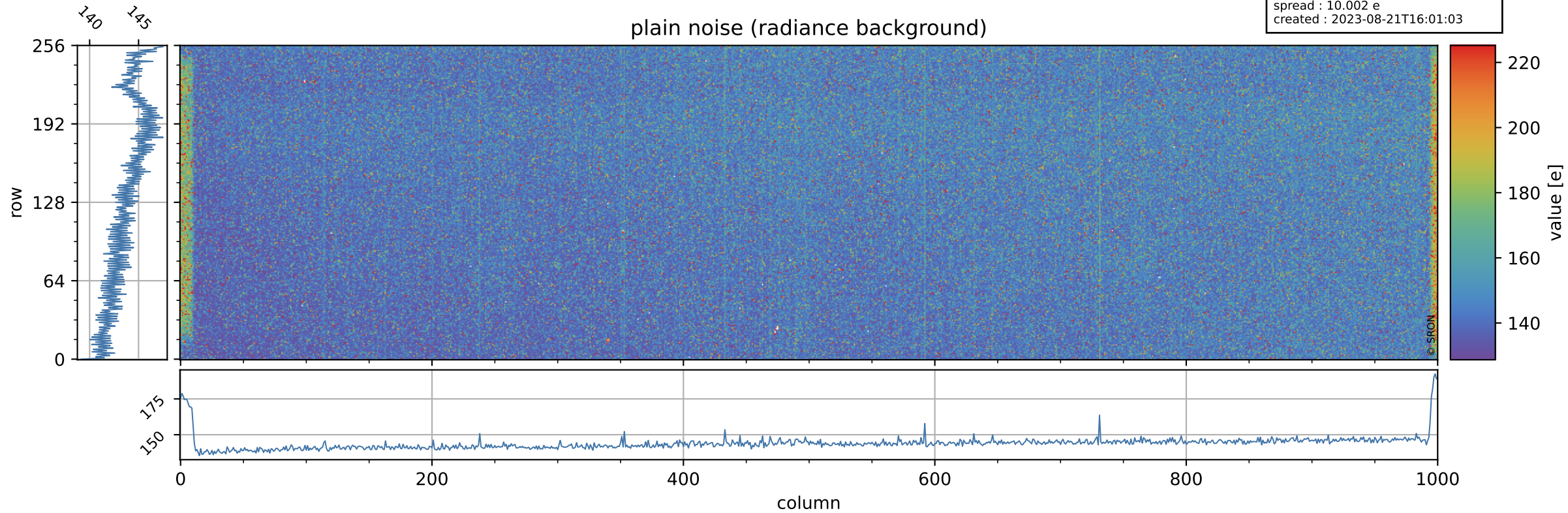
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [18652, 18727]
coverage : 2021-05-19 / 2021-05-24
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 10.002 e
created : 2023-08-21T16:01:03

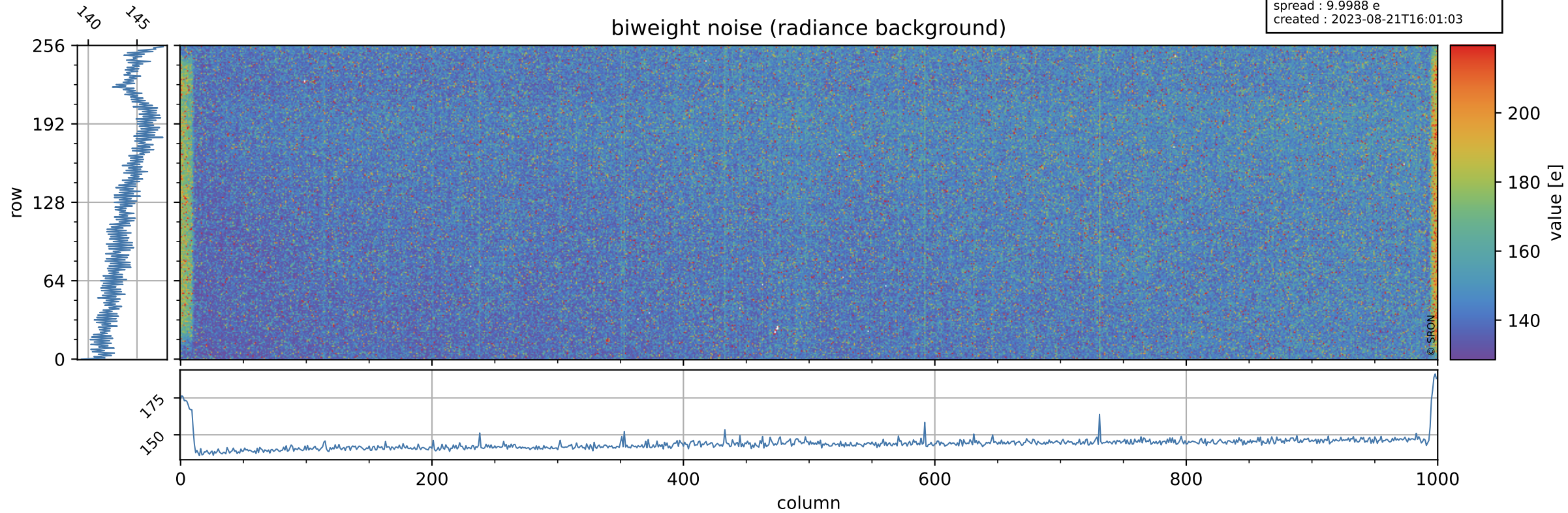
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18652, 18727]
coverage : 2021-05-19 / 2021-05-24
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9988 e
created : 2023-08-21T16:01:03

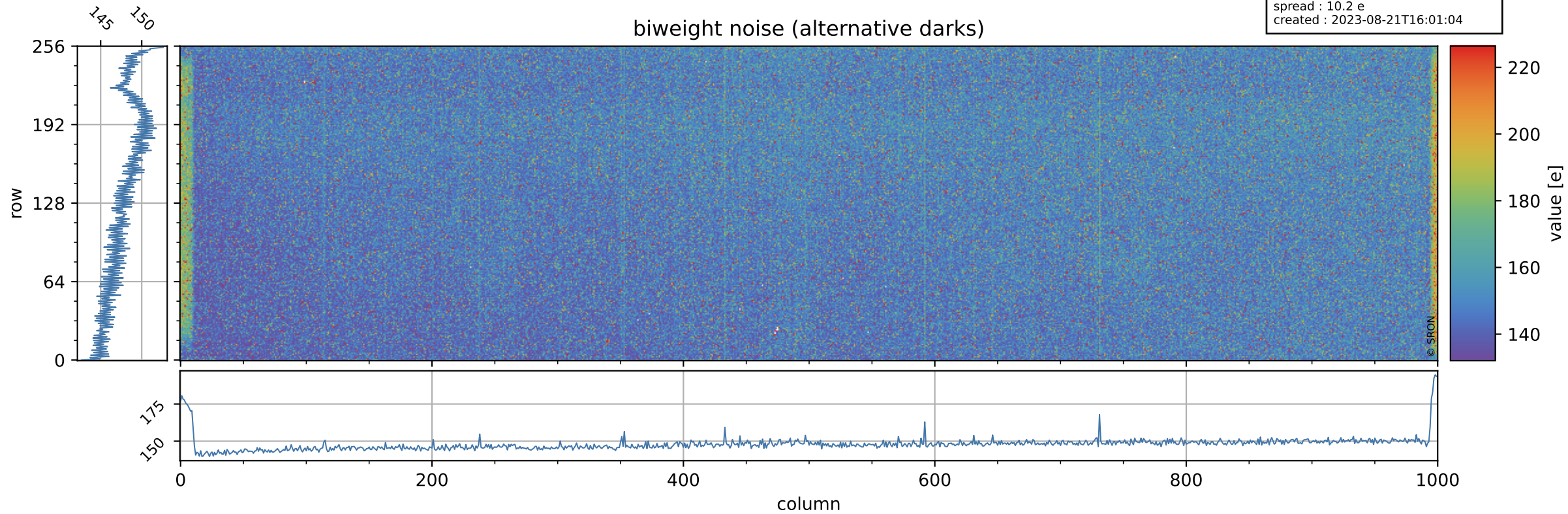
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18652, 18727]
coverage : 2021-05-19 / 2021-05-24
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.2 e
created : 2023-08-21T16:01:04

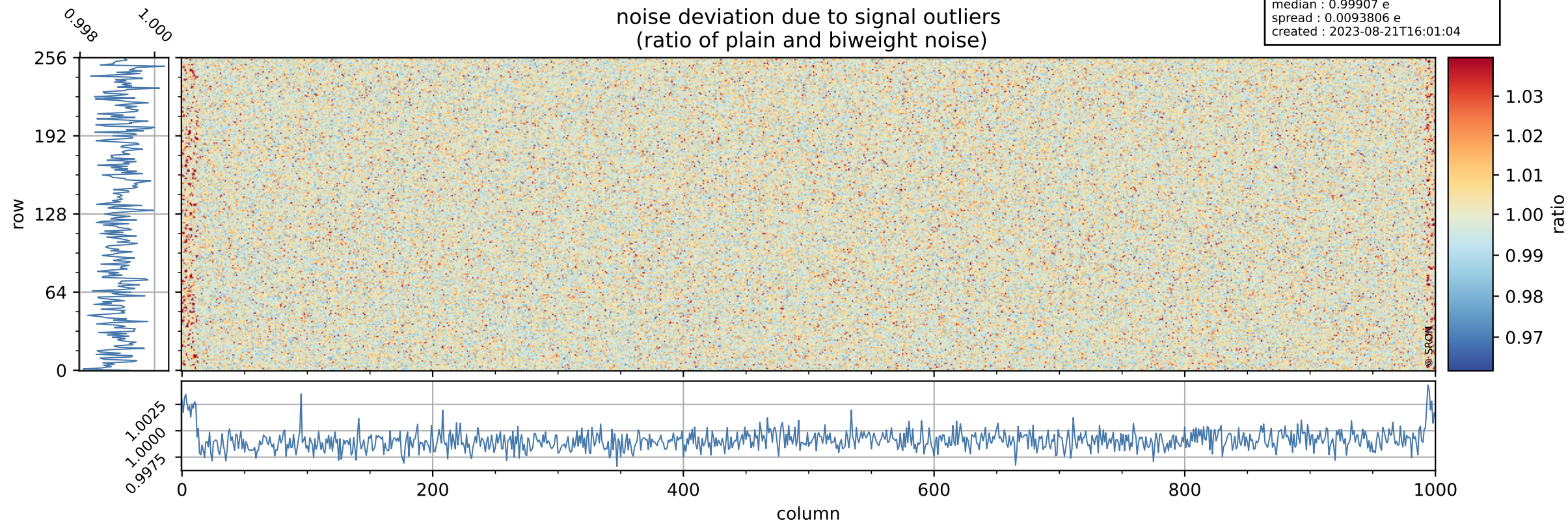
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

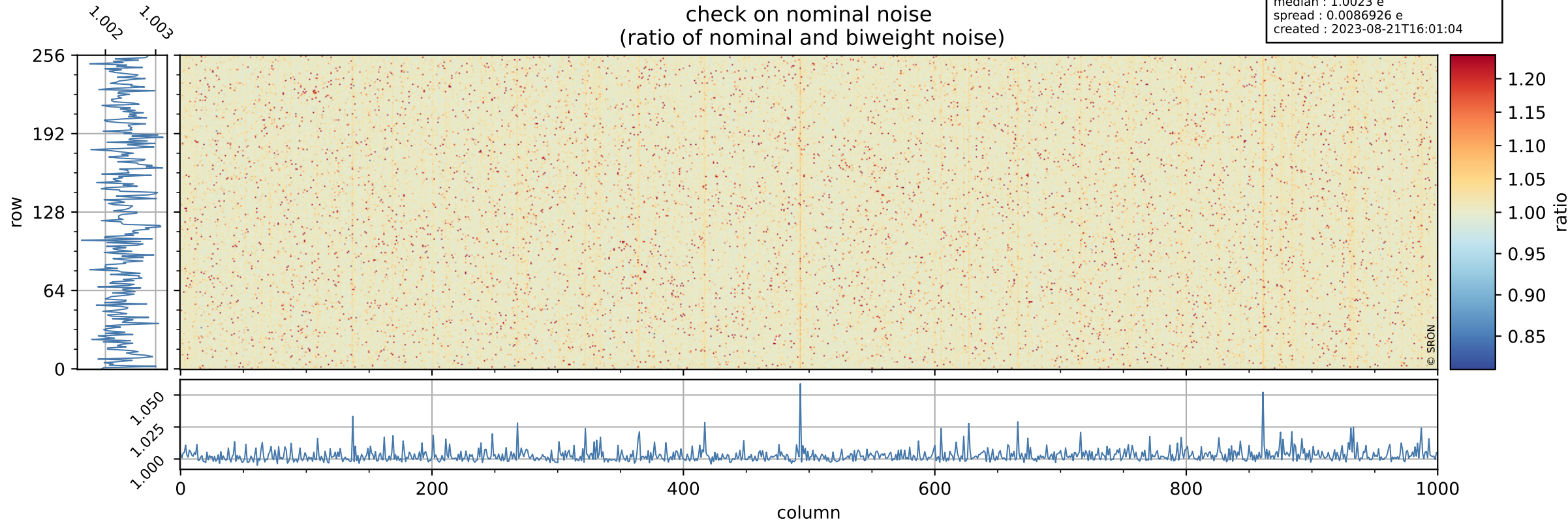
orbits : 13 in [18652, 18727]
coverage : 2021-05-19 / 2021-05-24
median : 0.99907 e
spread : 0.0093806 e
created : 2023-08-21T16:01:04



Tropomi SWIR background noise (swir)

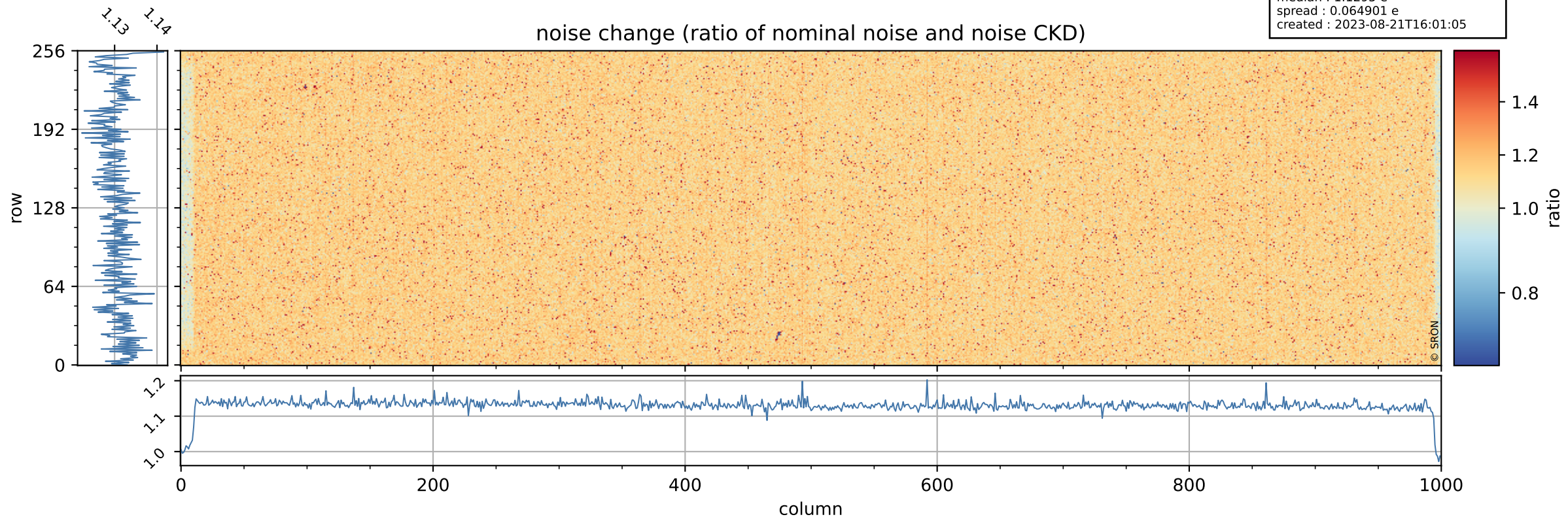
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [18652, 18727]
coverage : 2021-05-19 / 2021-05-24
median : 1.0023 e
spread : 0.0086926 e
created : 2023-08-21T16:01:04



Tropomi SWIR background noise (swir)

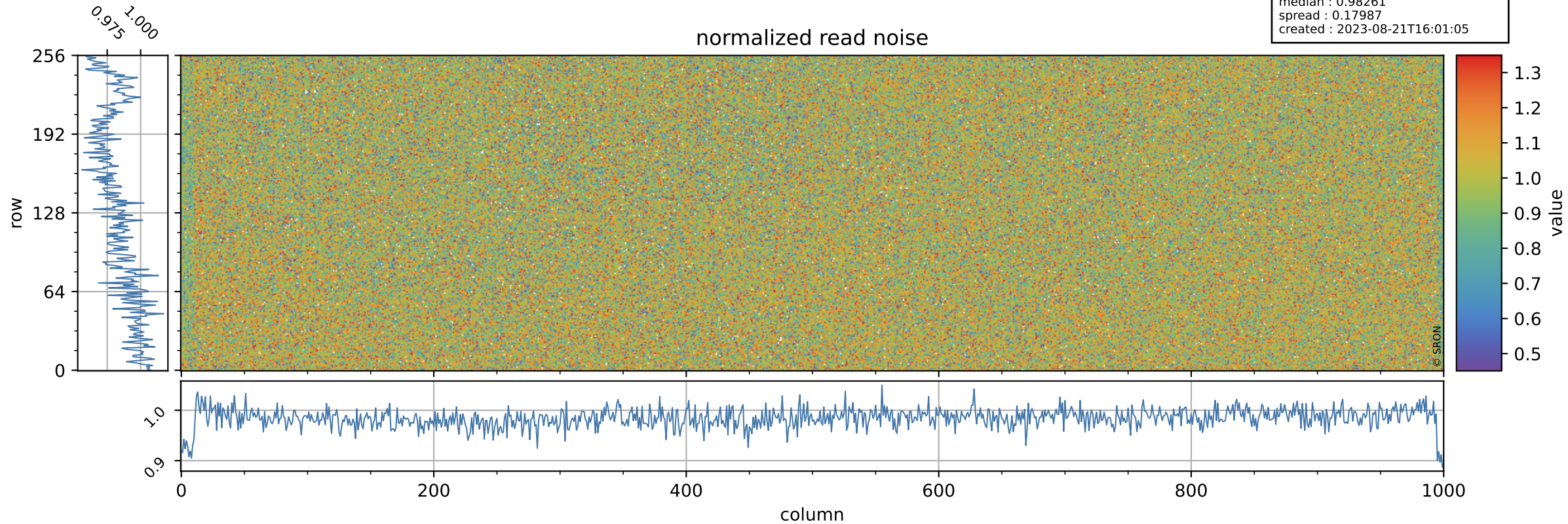
orbits : 13 in [18652, 18727]
coverage : 2021-05-19 / 2021-05-24
median : 1.1295 e
spread : 0.064901 e
created : 2023-08-21T16:01:05



Tropomi SWIR background noise (swir)

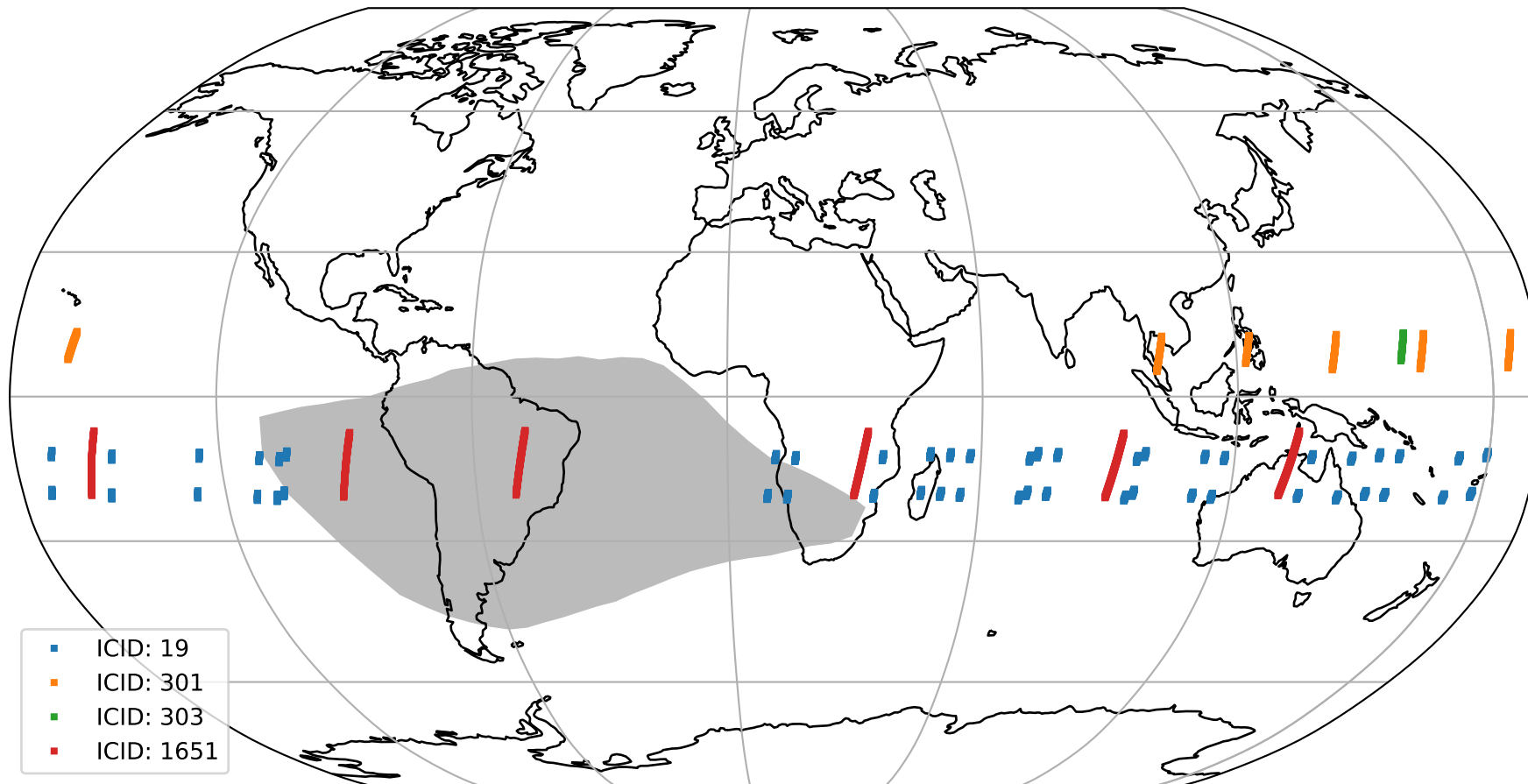
orbits : 13 in [18652, 18727]
coverage : 2021-05-19 / 2021-05-24
median : 0.98261
spread : 0.17987
created : 2023-08-21T16:01:05

normalized read noise



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

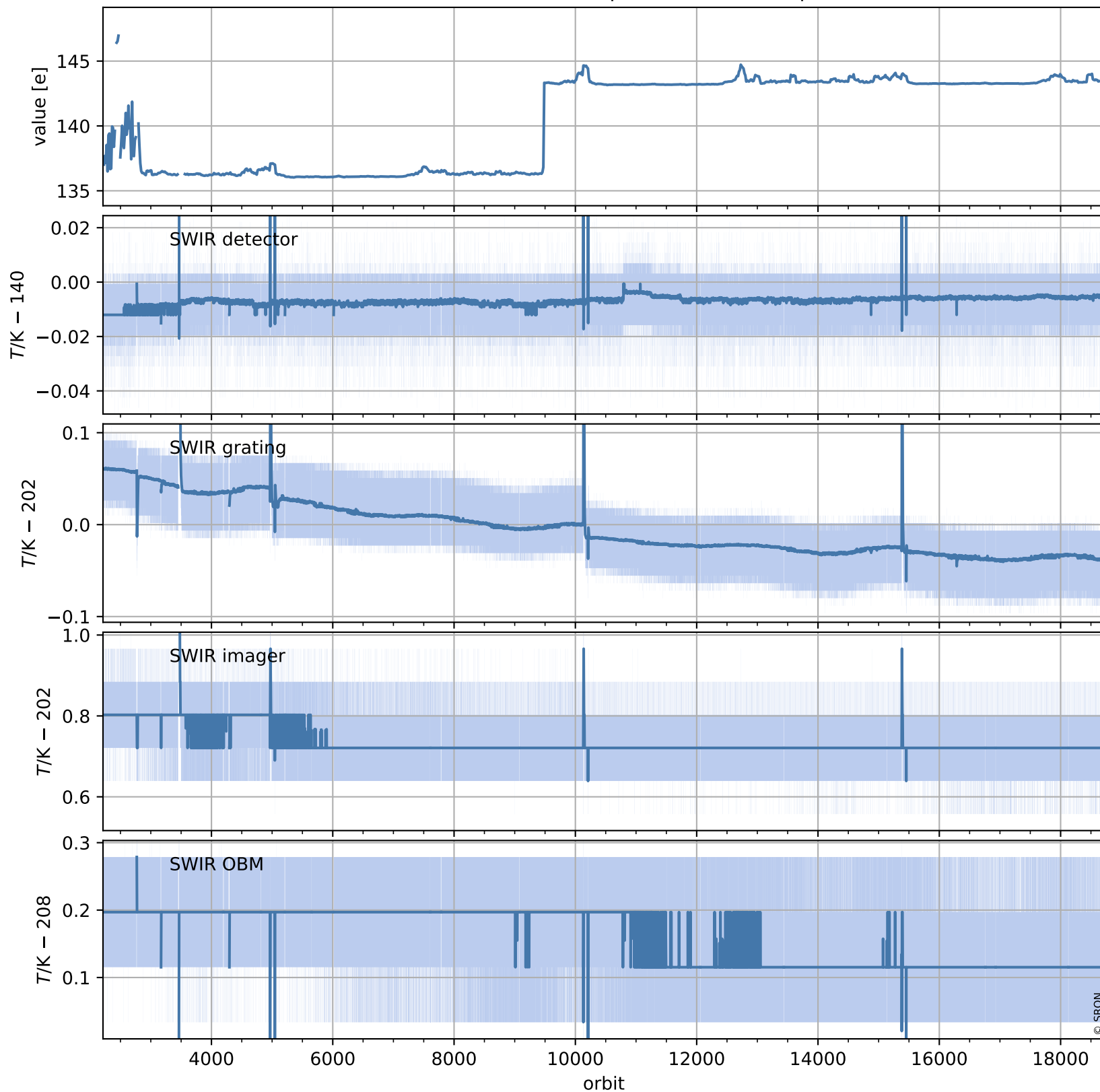
orbits : 13 in [18652, 18727]
coverage : 2021-05-19 / 2021-05-24
created : 2023-08-21T16:01:05



Tropomi SWIR background noise (swir)

orbits : [2212, 18727]
coverage : 2018-03-18 / 2021-05-24
created : 2023-08-21T16:01:06

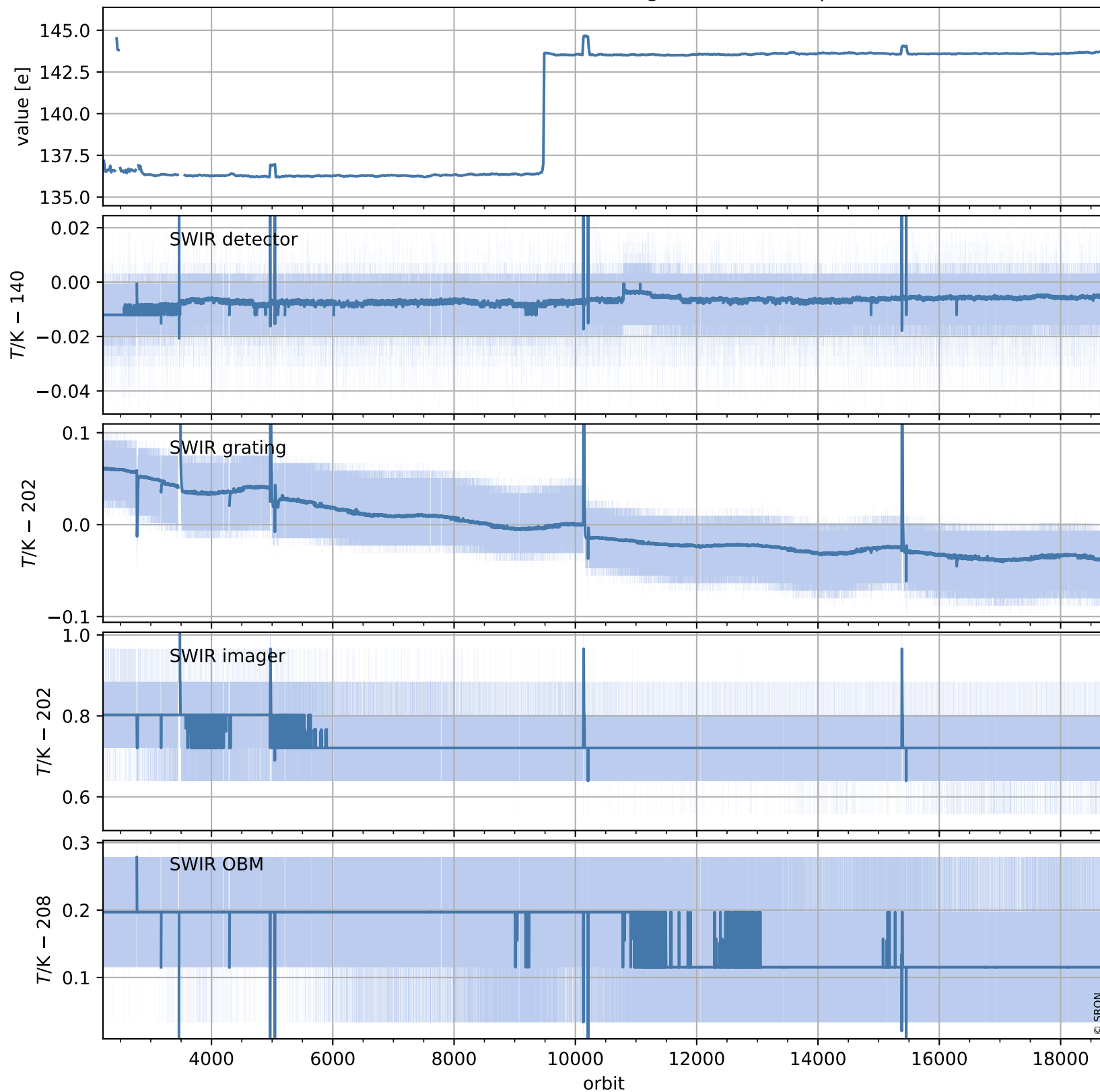
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18727]
coverage : 2018-03-18 / 2021-05-24
created : 2023-08-21T16:01:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18727]
coverage : 2018-03-18 / 2021-05-24
created : 2023-08-21T16:01:07

trend of normalized read-noise & temperatures

