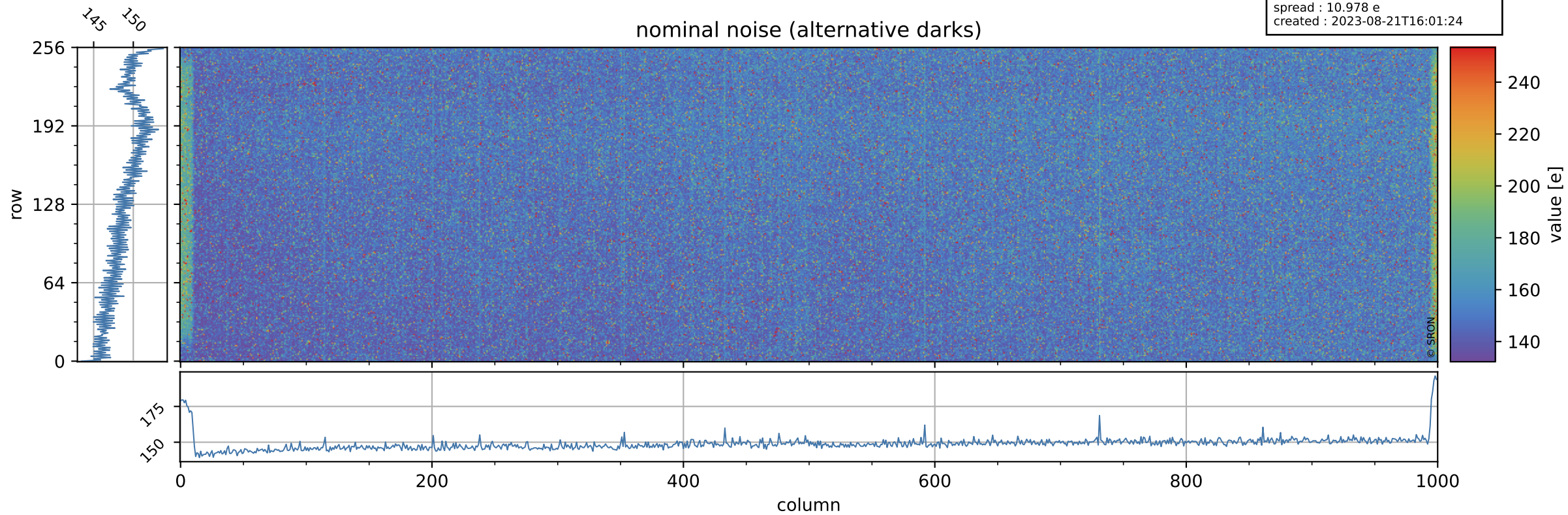


Tropomi SWIR background noise (swir)

orbits : 12 in [18697, 18787]
coverage : 2021-05-23 / 2021-05-29
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.978 e
created : 2023-08-21T16:01:24

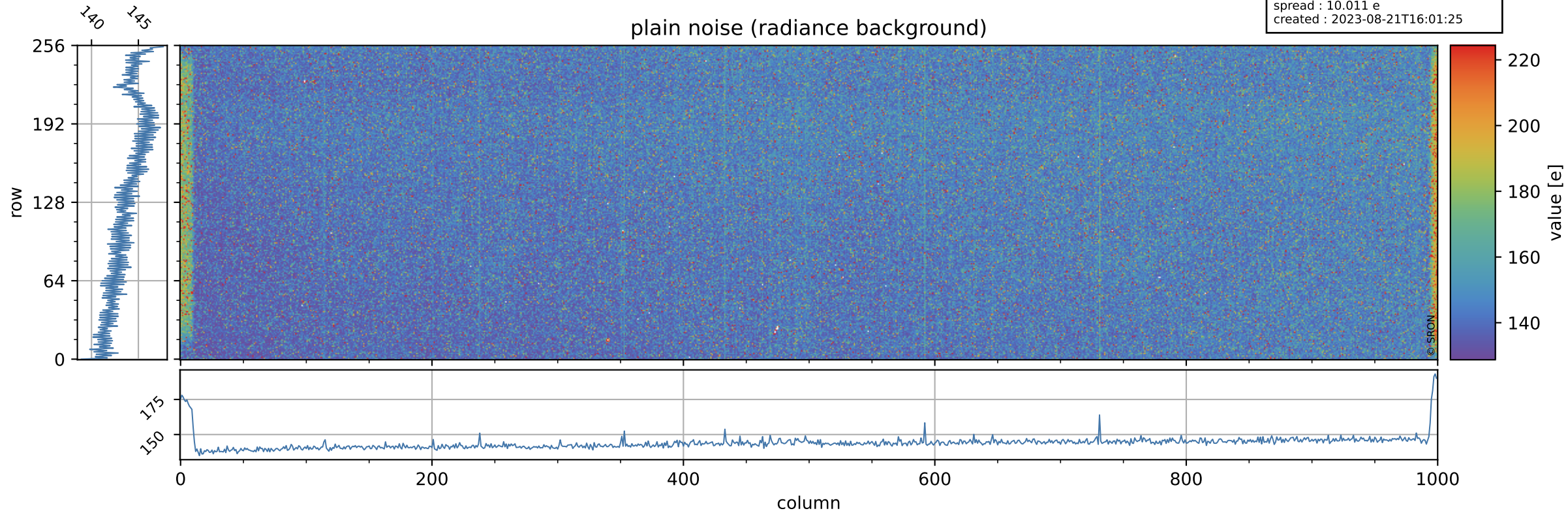
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18697, 18787]
coverage : 2021-05-23 / 2021-05-29
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 10.011 e
created : 2023-08-21T16:01:25

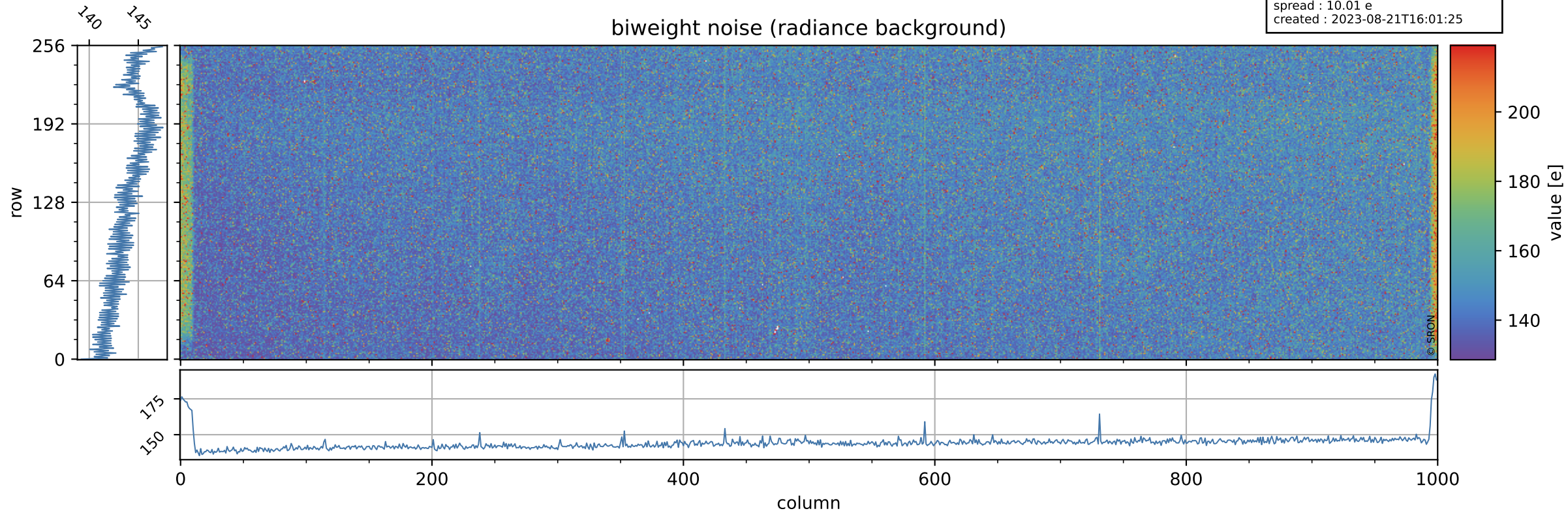
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18697, 18787]
coverage : 2021-05-23 / 2021-05-29
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 10.01 e
created : 2023-08-21T16:01:25

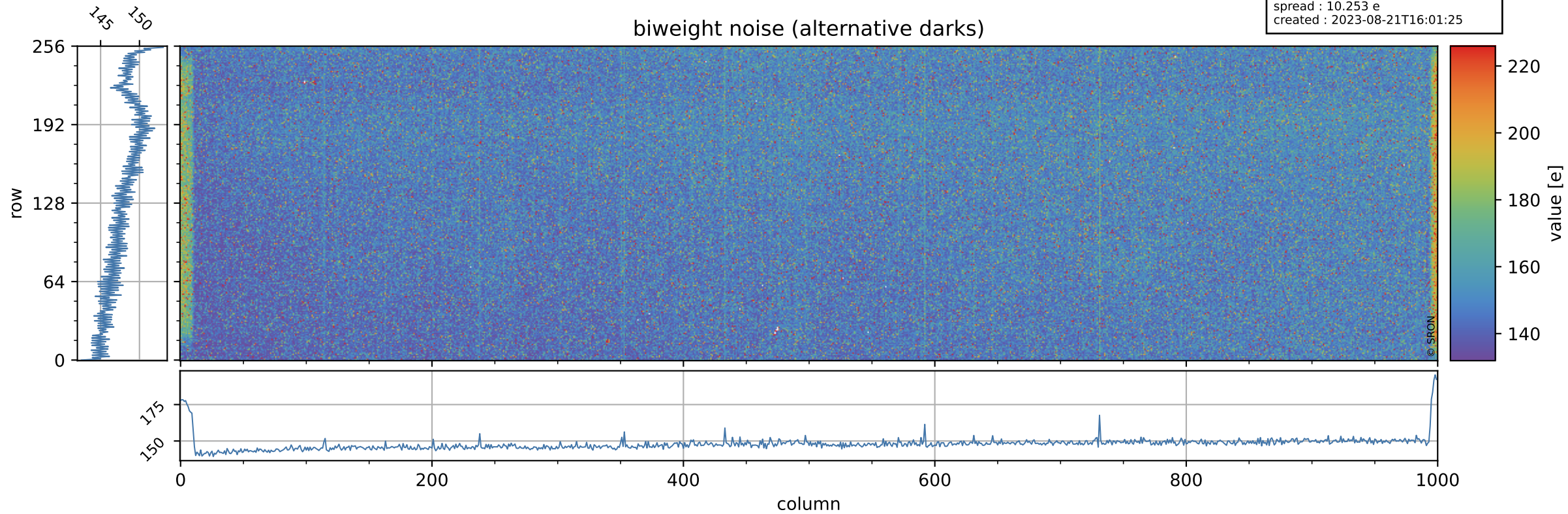
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18697, 18787]
coverage : 2021-05-23 / 2021-05-29
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.253 e
created : 2023-08-21T16:01:25

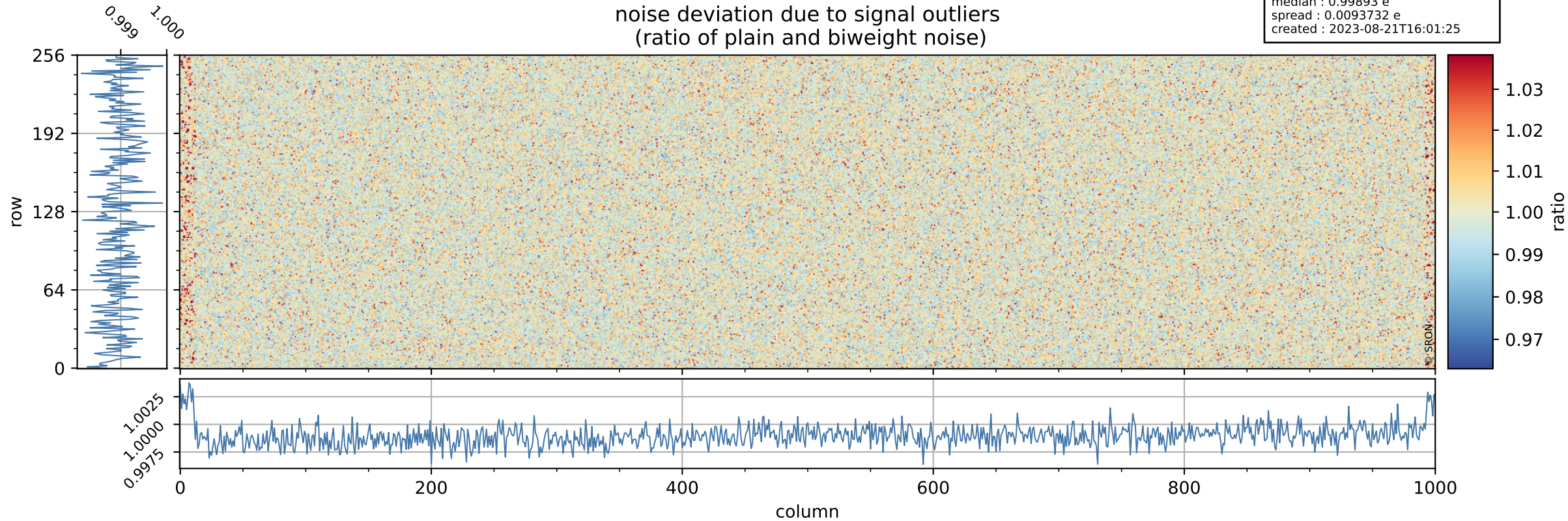
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

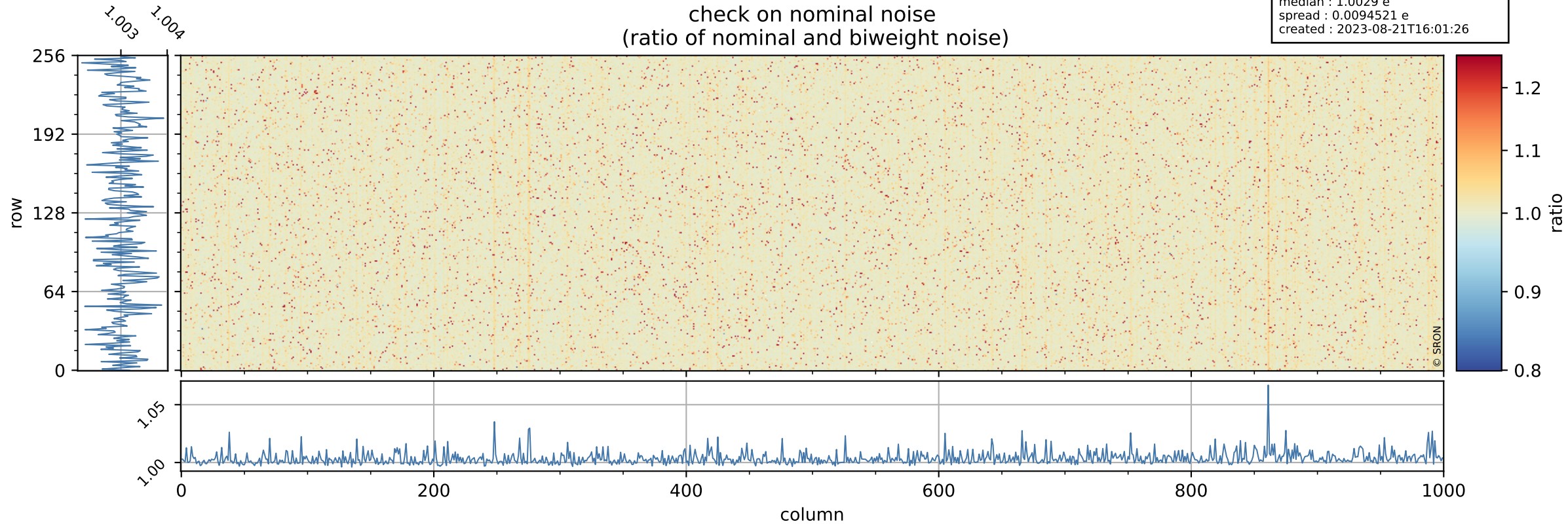
orbits : 12 in [18697, 18787]
coverage : 2021-05-23 / 2021-05-29
median : 0.99893 e
spread : 0.0093732 e
created : 2023-08-21T16:01:25



Tropomi SWIR background noise (swir)

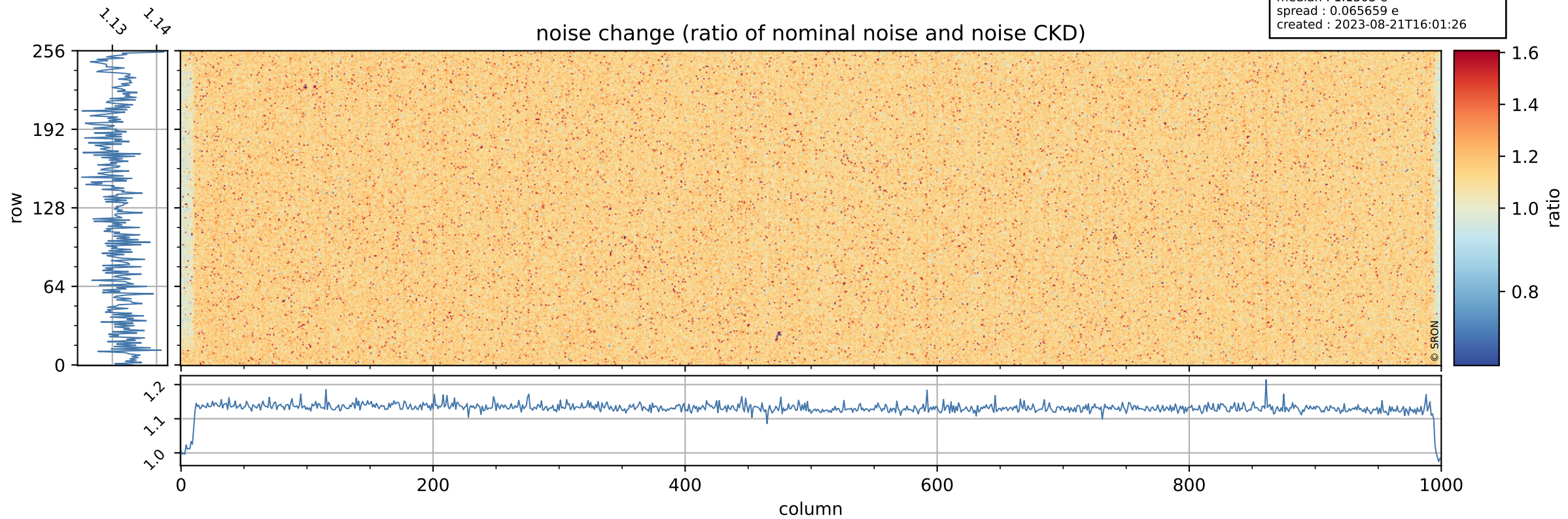
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18697, 18787]
coverage : 2021-05-23 / 2021-05-29
median : 1.0029 e
spread : 0.0094521 e
created : 2023-08-21T16:01:26



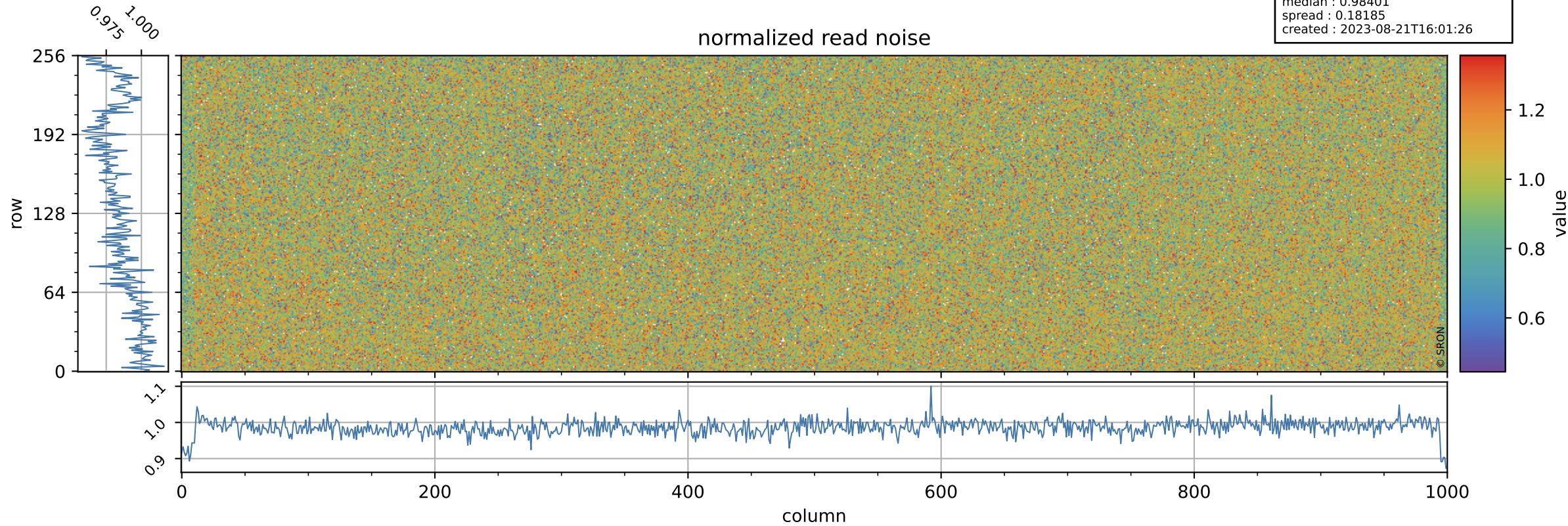
Tropomi SWIR background noise (swir)

orbits : 12 in [18697, 18787]
coverage : 2021-05-23 / 2021-05-29
median : 1.1303 e
spread : 0.065659 e
created : 2023-08-21T16:01:26



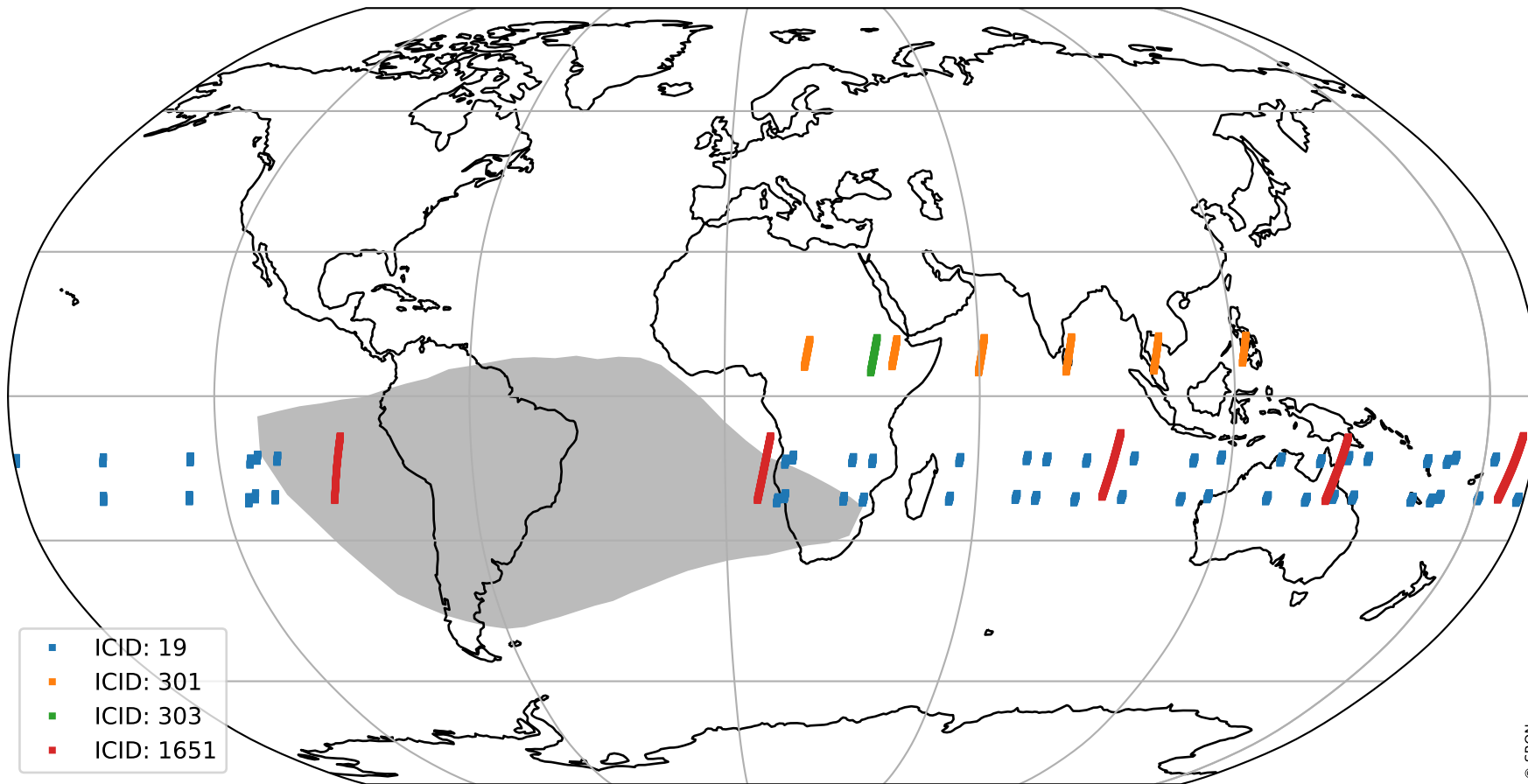
Tropomi SWIR background noise (swir)

orbits : 12 in [18697, 18787]
coverage : 2021-05-23 / 2021-05-29
median : 0.98401
spread : 0.18185
created : 2023-08-21T16:01:26



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

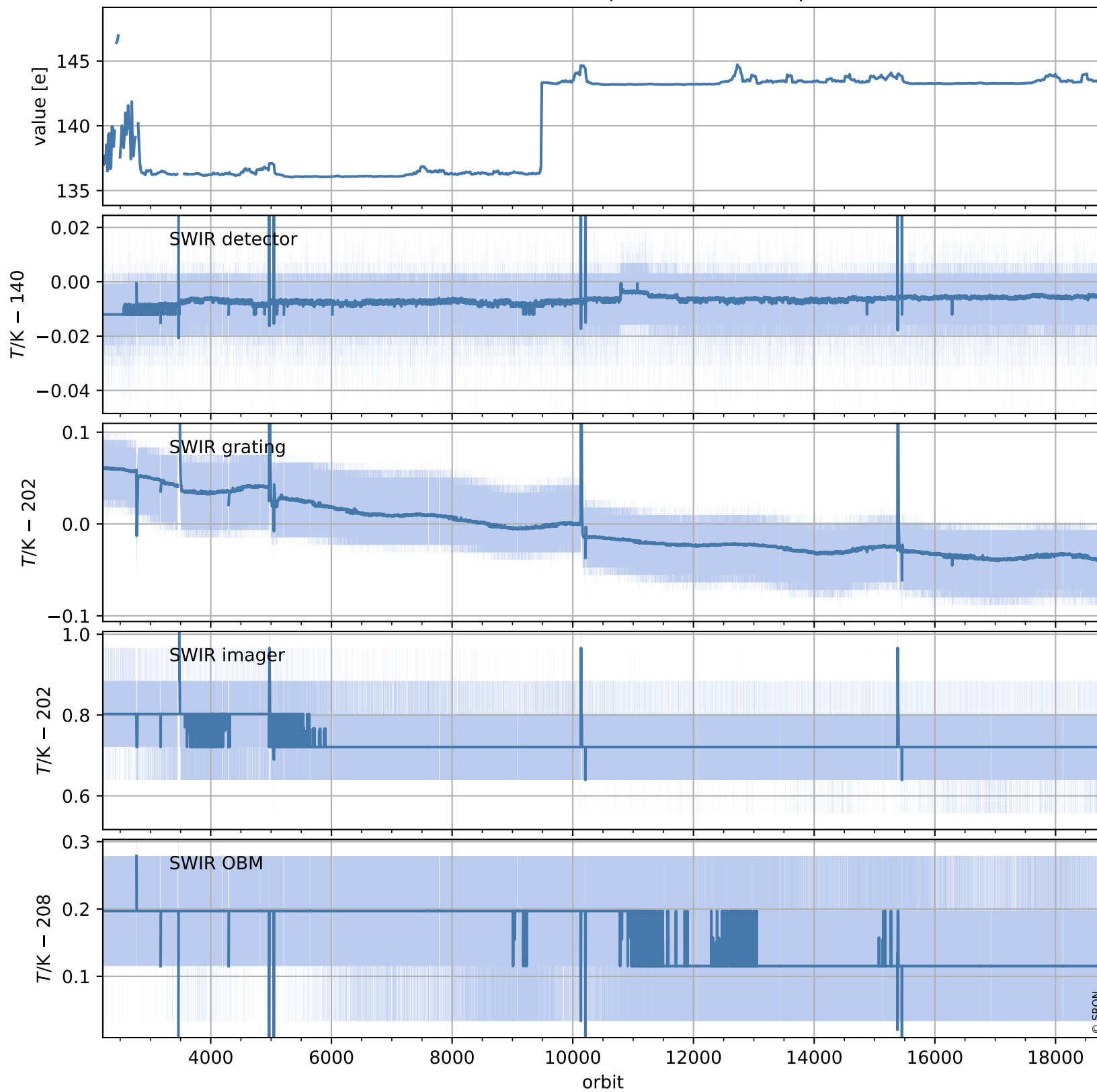
orbits : 12 in [18697, 18787]
coverage : 2021-05-23 / 2021-05-29
created : 2023-08-21T16:01:27



Tropomi SWIR background noise (swir)

orbits : [2212, 18787]
coverage : 2018-03-18 / 2021-05-29
created : 2023-08-21T16:01:27

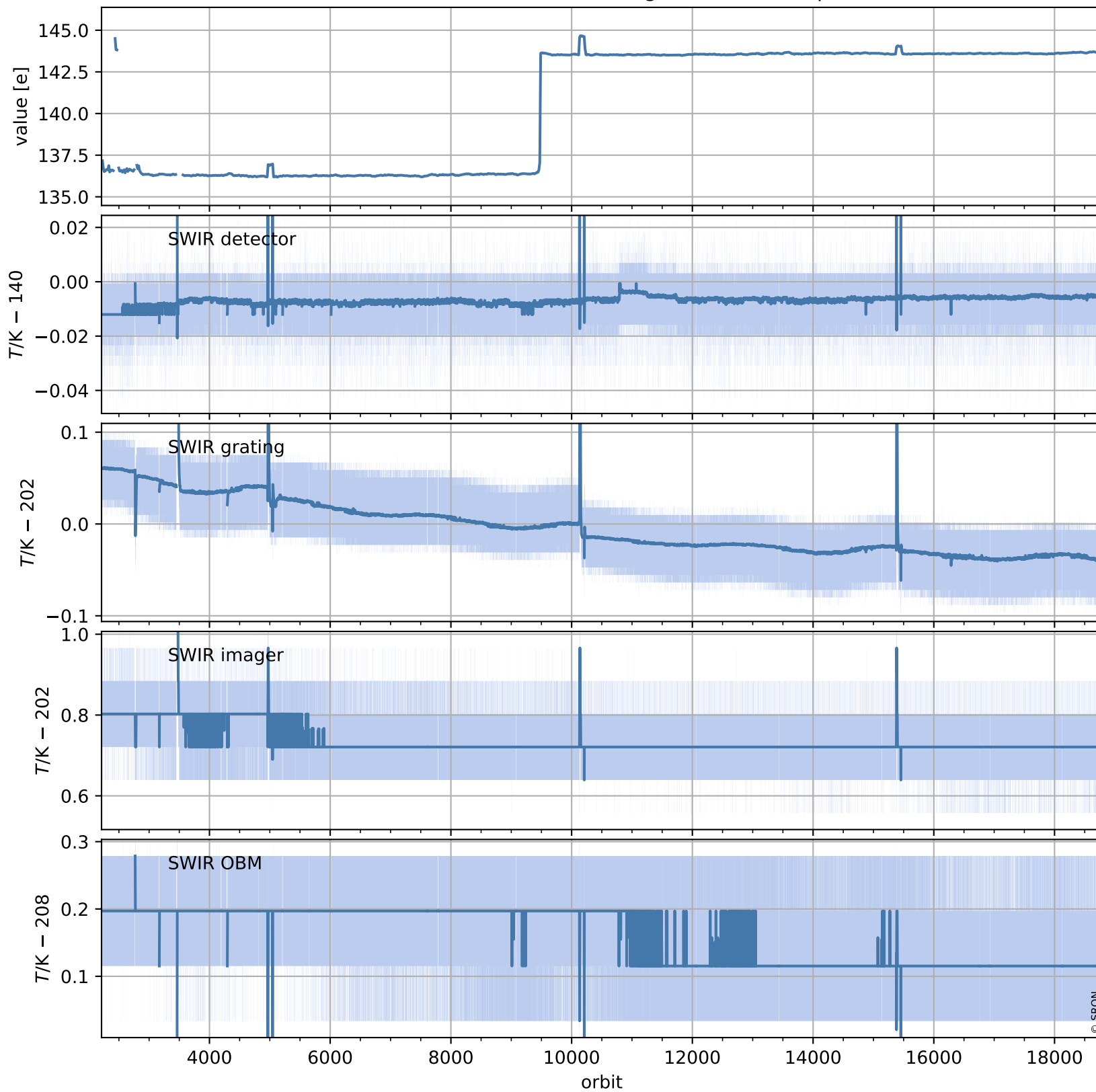
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18787]
coverage : 2018-03-18 / 2021-05-29
created : 2023-08-21T16:01:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18787]
coverage : 2018-03-18 / 2021-05-29
created : 2023-08-21T16:01:29

trend of normalized read-noise & temperatures

