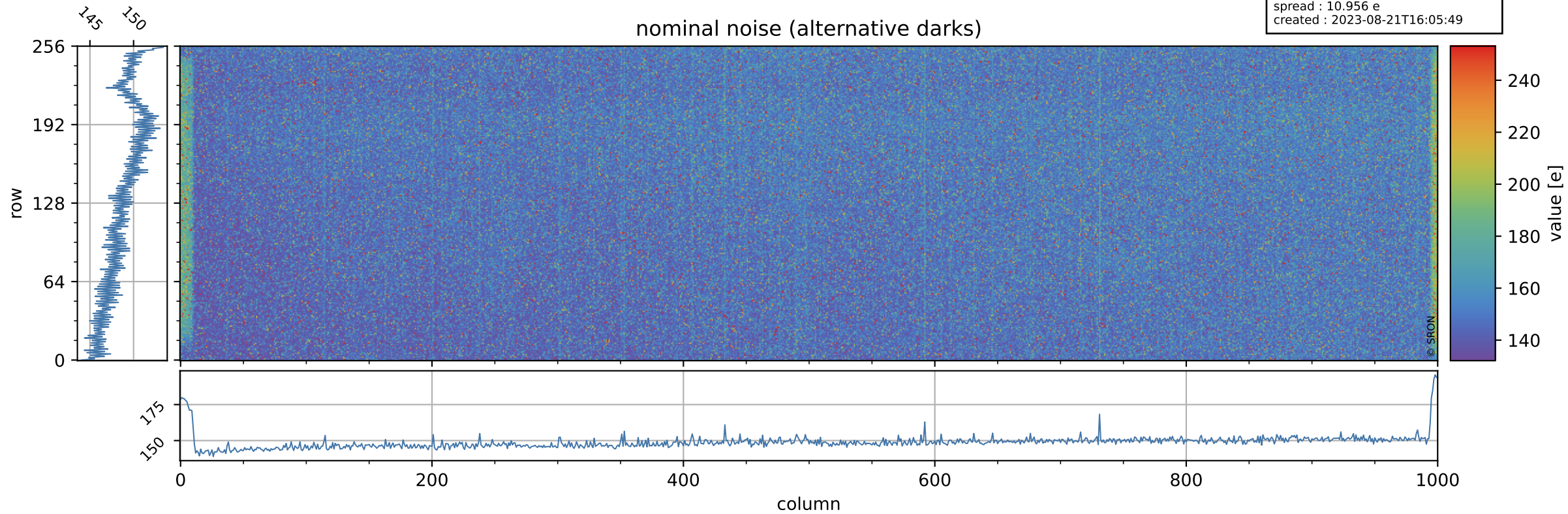


Tropomi SWIR background noise (swir)

orbits : 12 in [19432, 19522]
coverage : 2021-07-14 / 2021-07-19
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.956 e
created : 2023-08-21T16:05:49

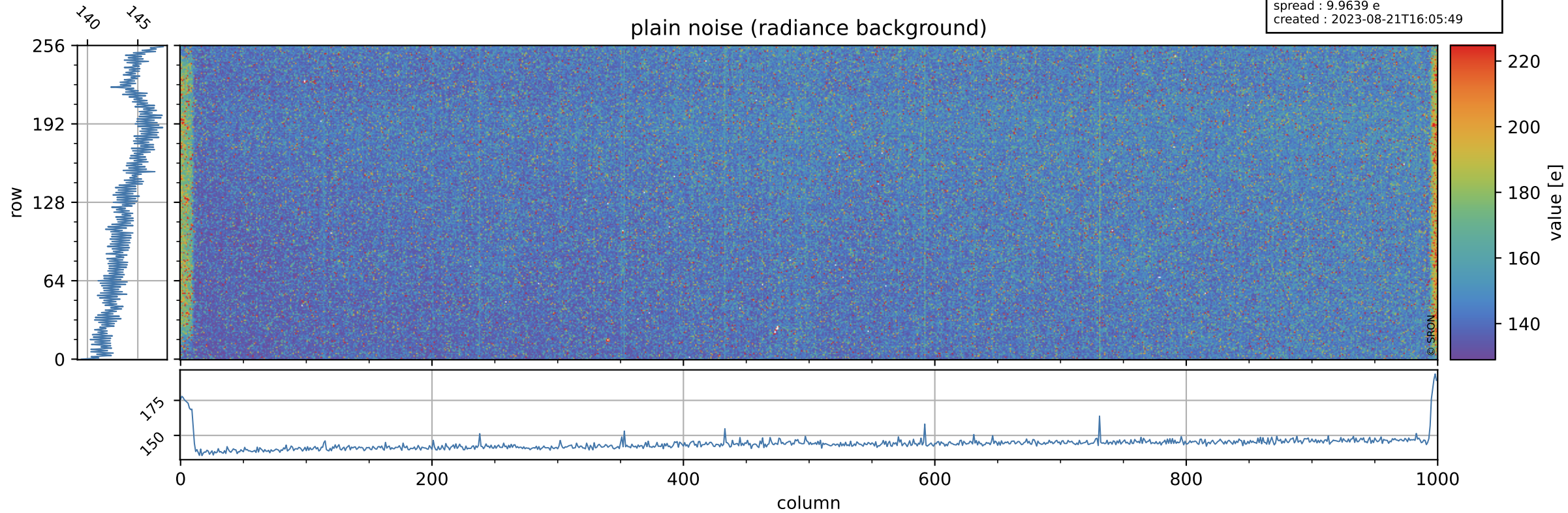
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19432, 19522]
coverage : 2021-07-14 / 2021-07-19
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.9639 e
created : 2023-08-21T16:05:49

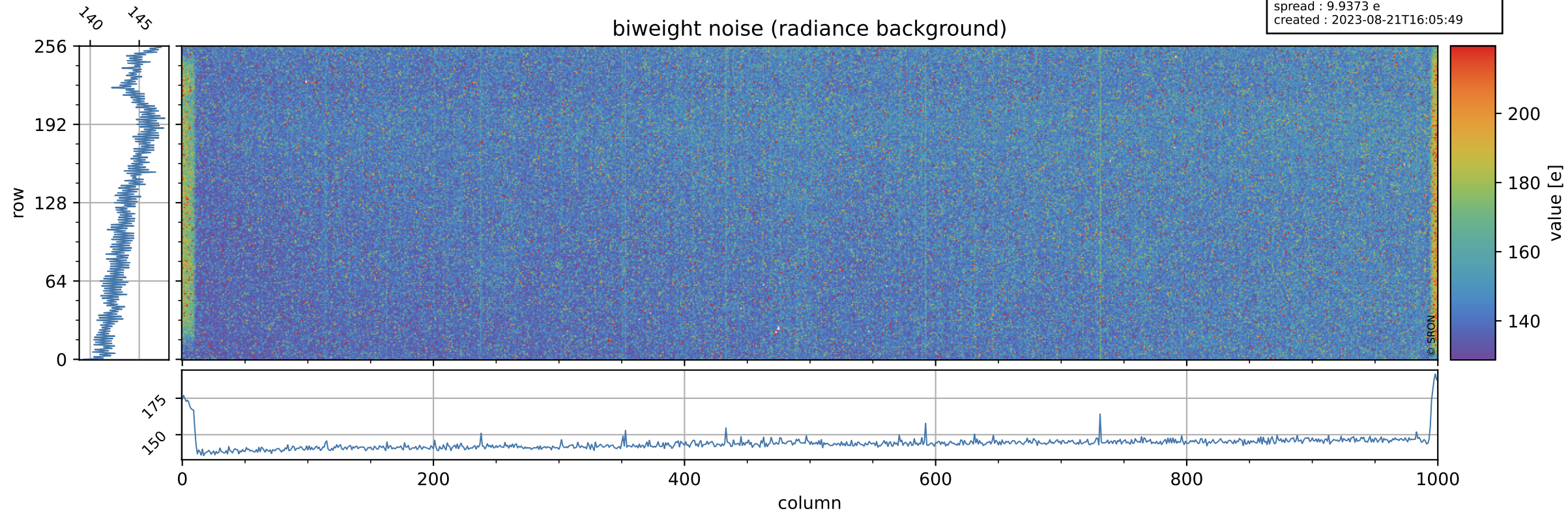
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19432, 19522]
coverage : 2021-07-14 / 2021-07-19
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.9373 e
created : 2023-08-21T16:05:49

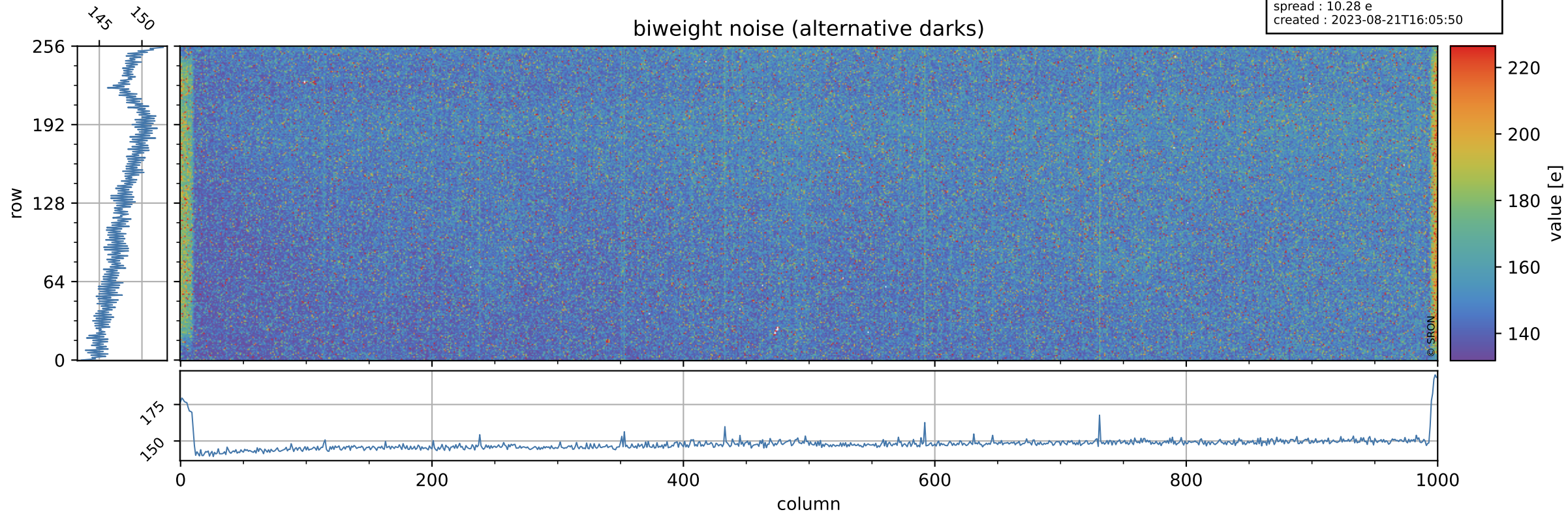
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19432, 19522]
coverage : 2021-07-14 / 2021-07-19
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.28 e
created : 2023-08-21T16:05:50

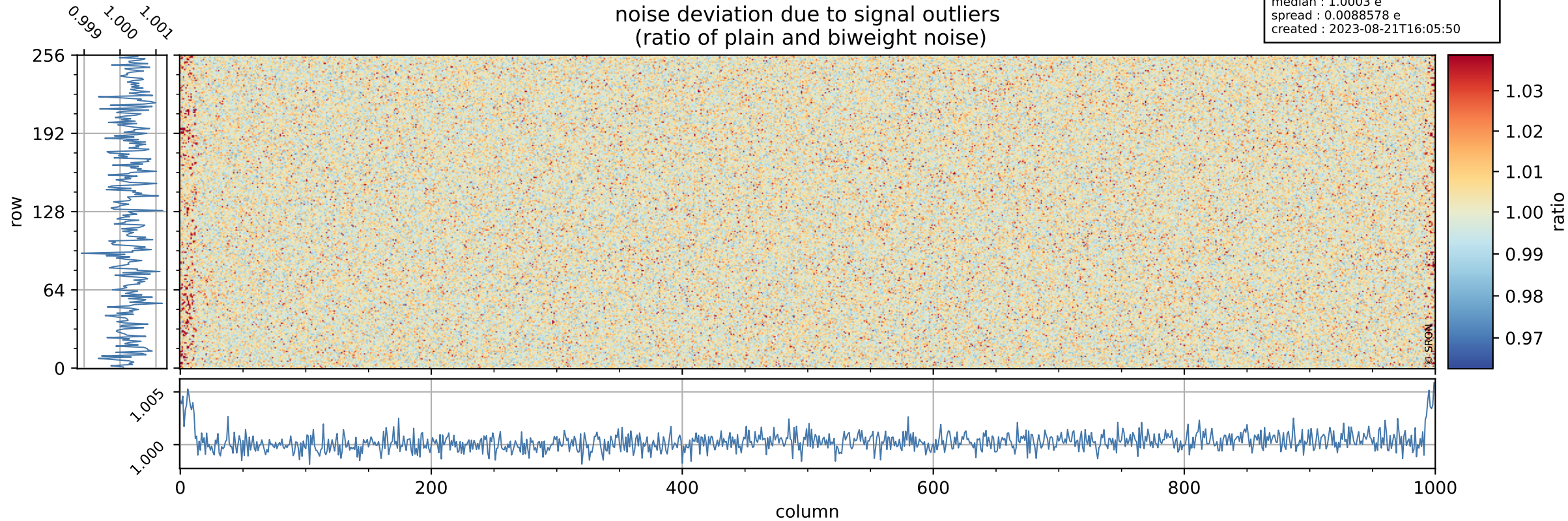
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

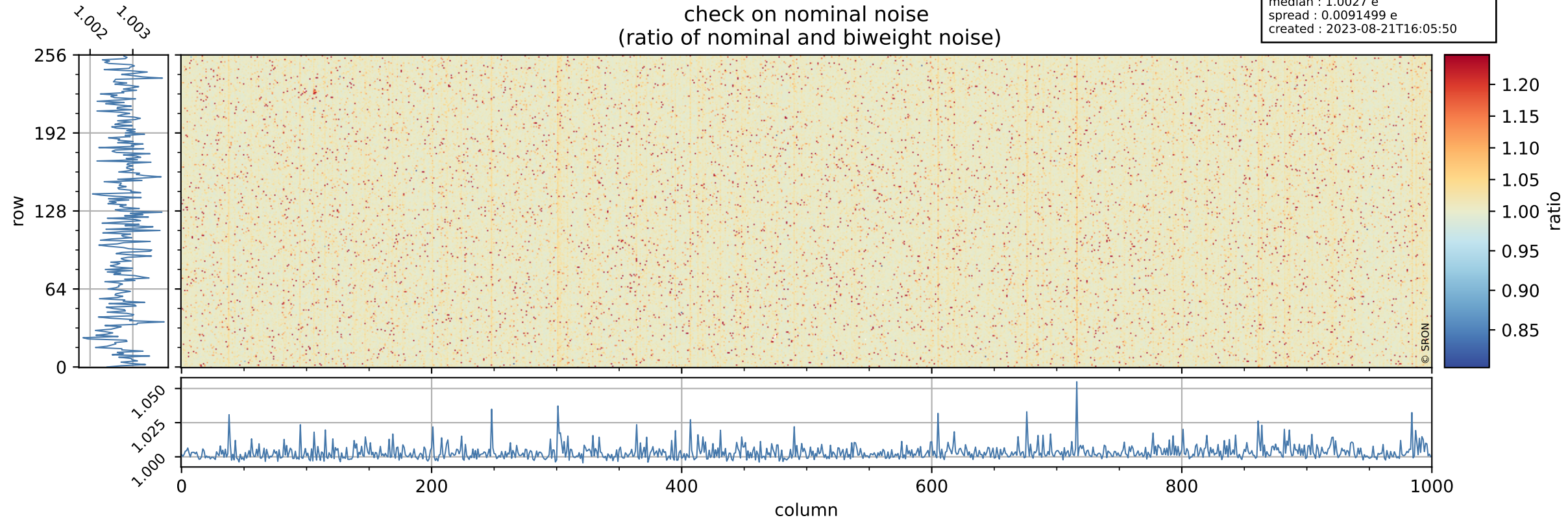
orbits : 12 in [19432, 19522]
coverage : 2021-07-14 / 2021-07-19
median : 1.0003 e
spread : 0.0088578 e
created : 2023-08-21T16:05:50



Tropomi SWIR background noise (swir)

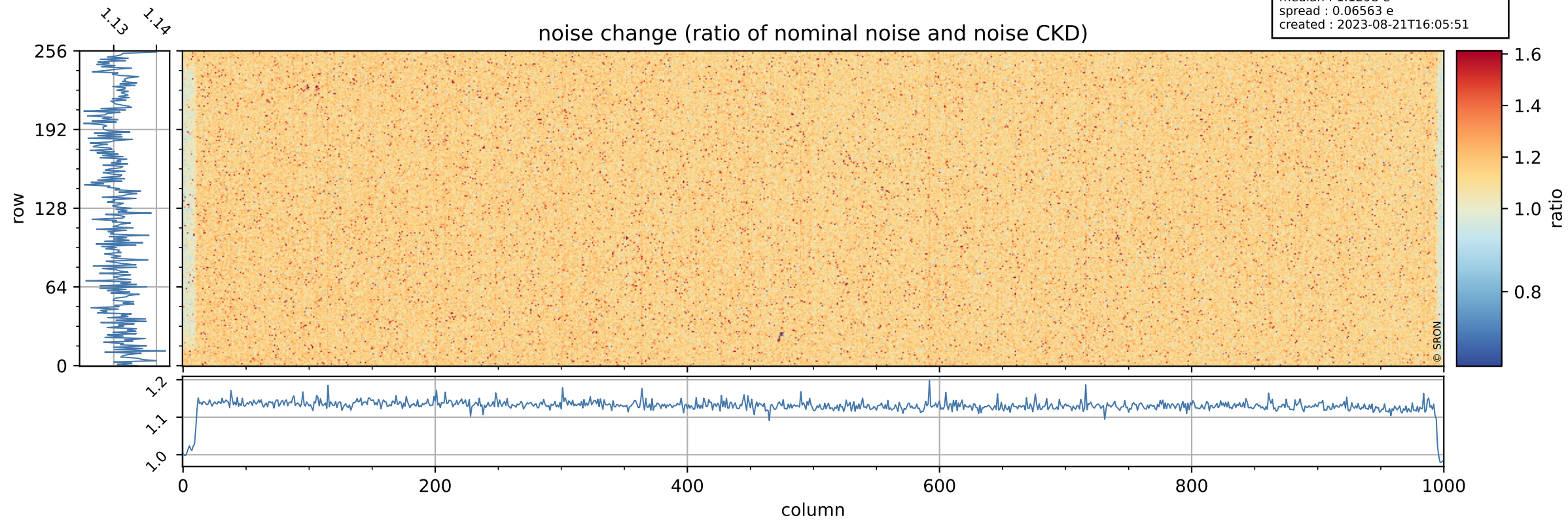
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19432, 19522]
coverage : 2021-07-14 / 2021-07-19
median : 1.0027 e
spread : 0.0091499 e
created : 2023-08-21T16:05:50



Tropomi SWIR background noise (swir)

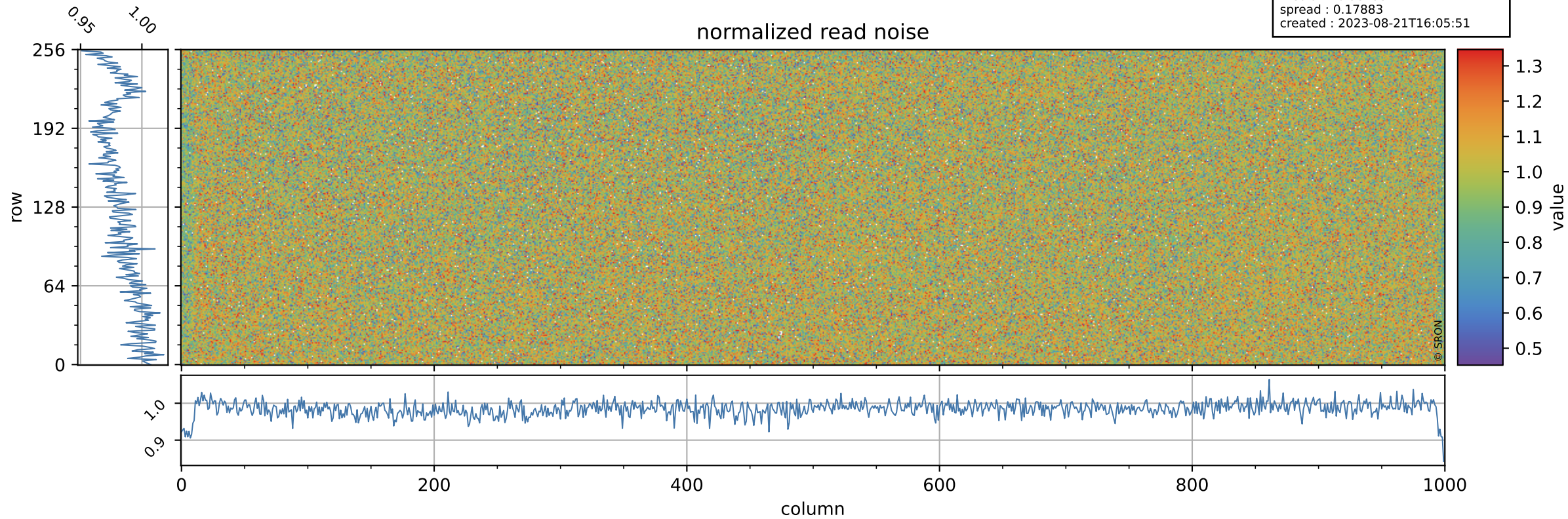
orbits : 12 in [19432, 19522]
coverage : 2021-07-14 / 2021-07-19
median : 1.1298 e
spread : 0.06563 e
created : 2023-08-21T16:05:51



Tropomi SWIR background noise (swir)

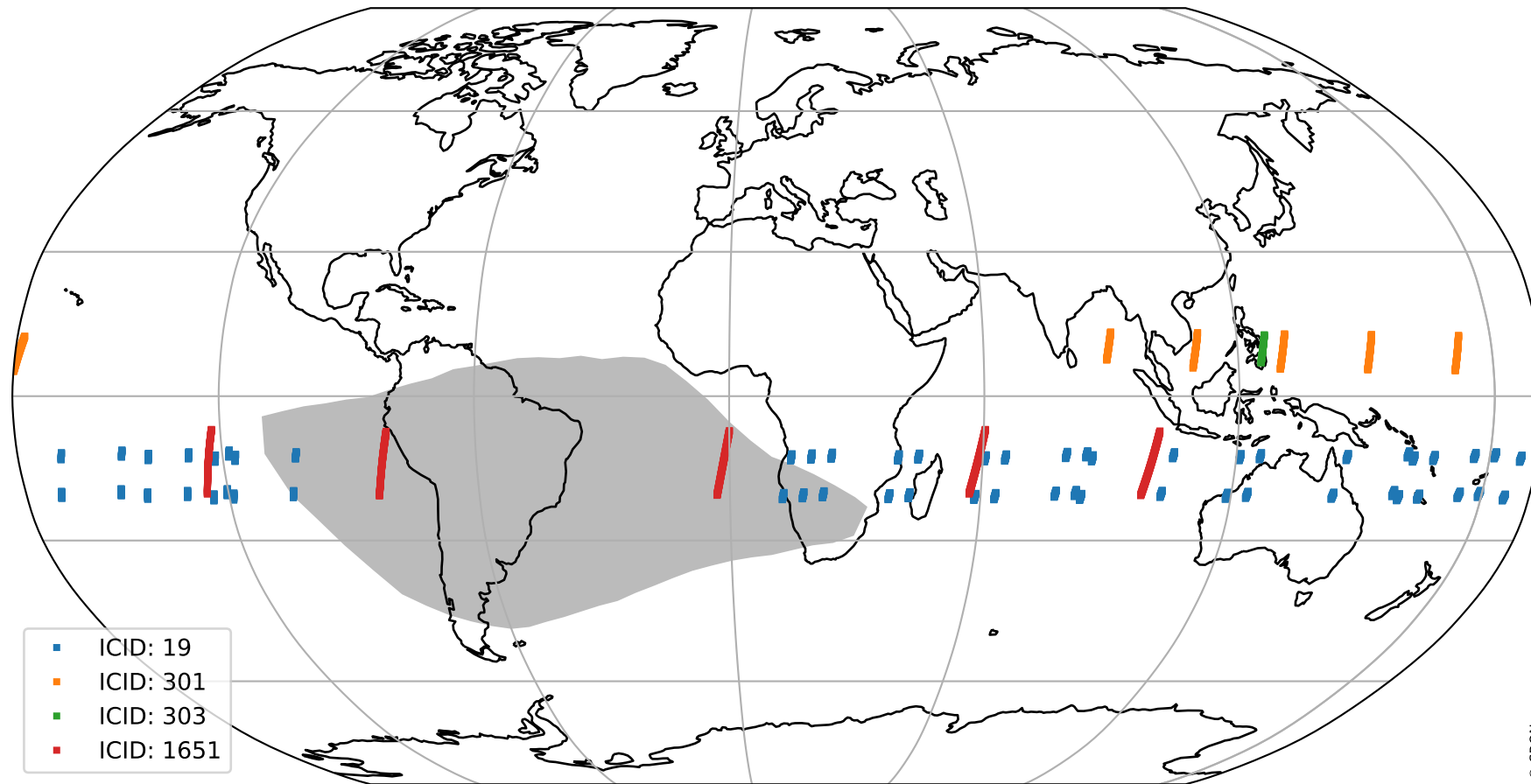
orbits : 12 in [19432, 19522]
coverage : 2021-07-14 / 2021-07-19
median : 0.98295
spread : 0.17883
created : 2023-08-21T16:05:51

normalized read noise



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

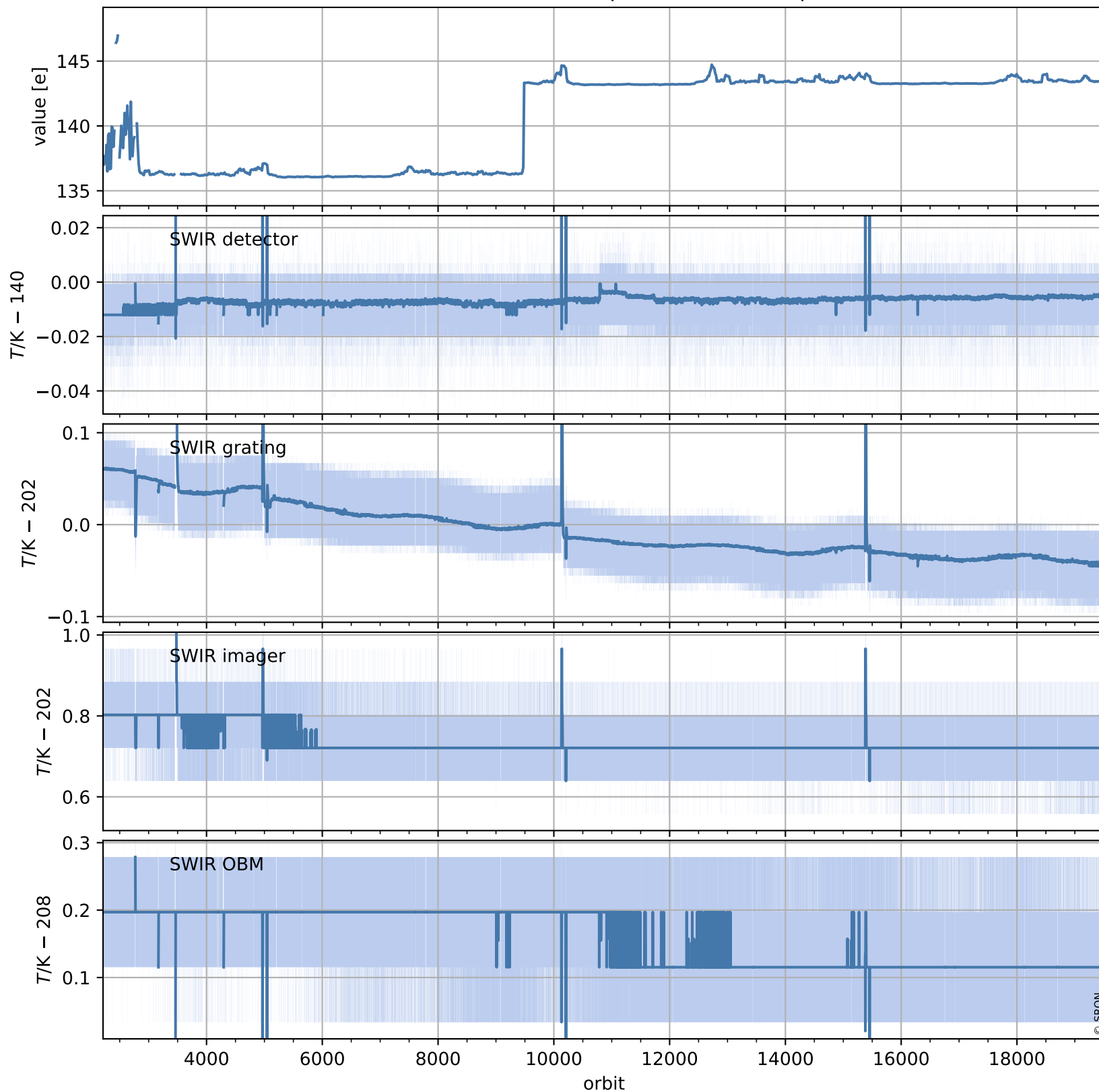
orbits : 12 in [19432, 19522]
coverage : 2021-07-14 / 2021-07-19
created : 2023-08-21T16:05:51



Tropomi SWIR background noise (swir)

orbits : [2212, 19522]
coverage : 2018-03-18 / 2021-07-19
created : 2023-08-21T16:05:51

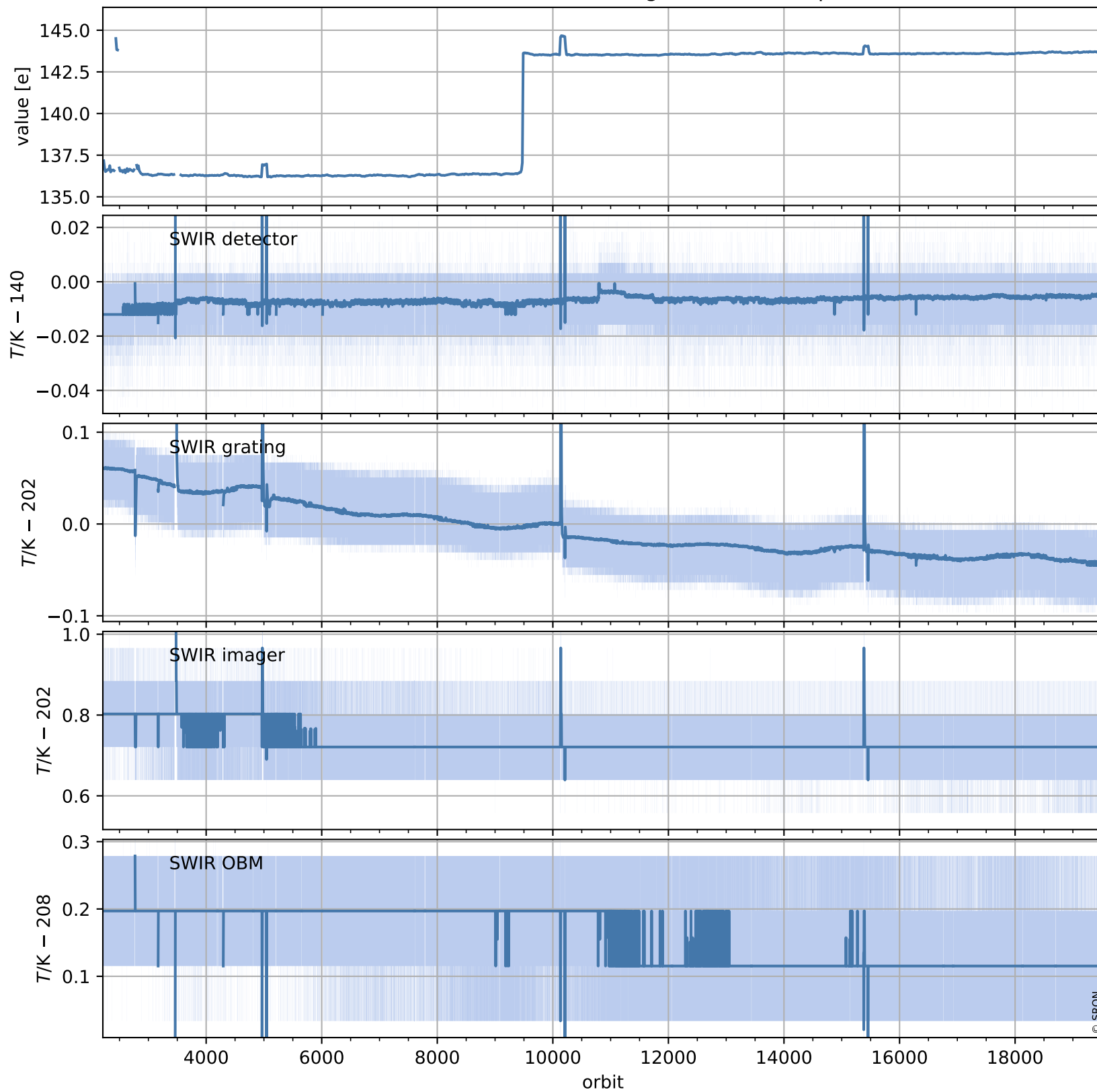
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19522]
coverage : 2018-03-18 / 2021-07-19
created : 2023-08-21T16:05:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19522]
coverage : 2018-03-18 / 2021-07-19
created : 2023-08-21T16:05:53

trend of normalized read-noise & temperatures

