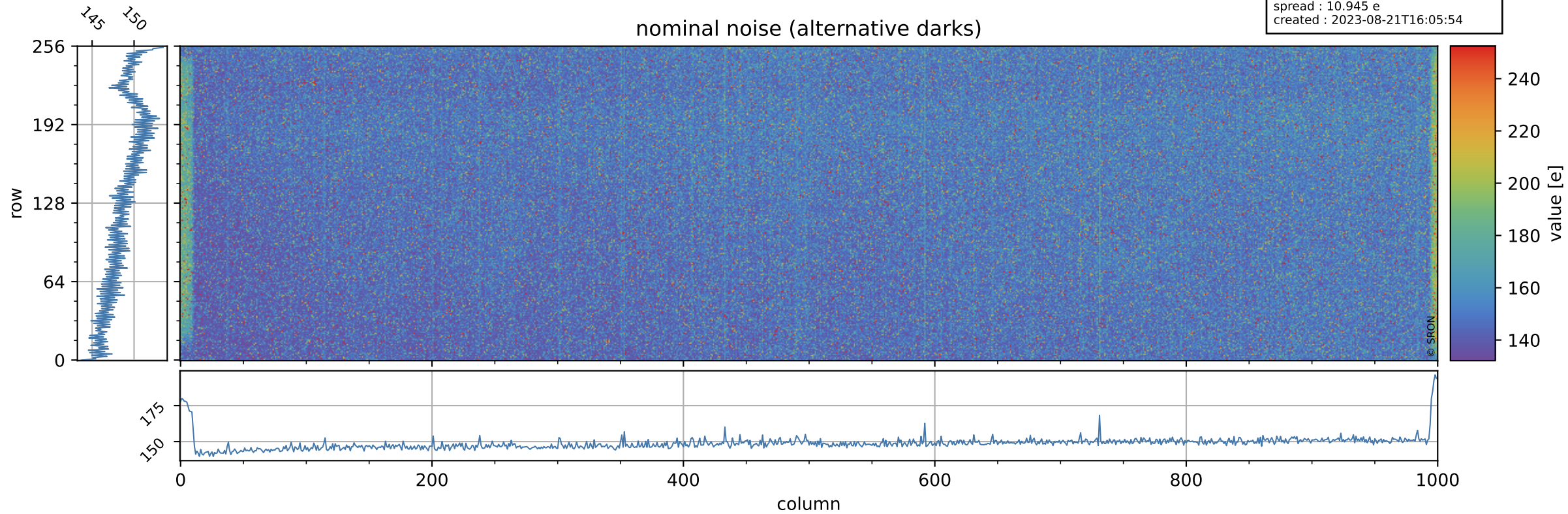


Tropomi SWIR background noise (swir)

orbits : 12 in [19462, 19537]
coverage : 2021-07-15 / 2021-07-20
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.945 e
created : 2023-08-21T16:05:54

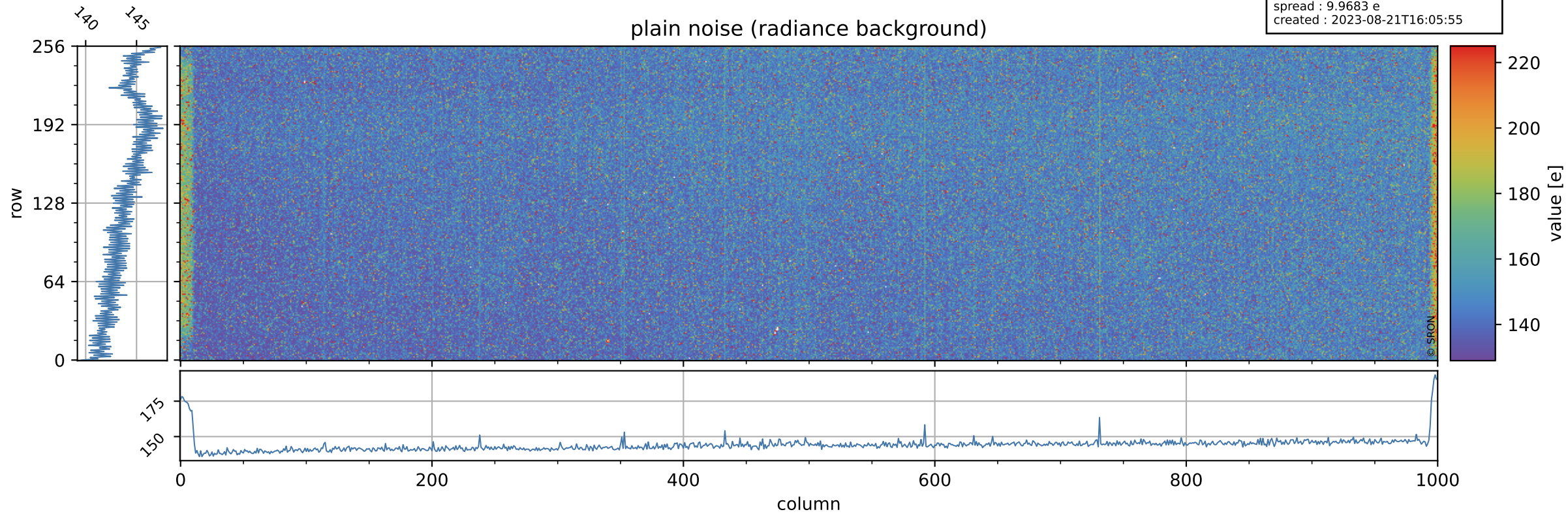
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19462, 19537]
coverage : 2021-07-15 / 2021-07-20
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.9683 e
created : 2023-08-21T16:05:55

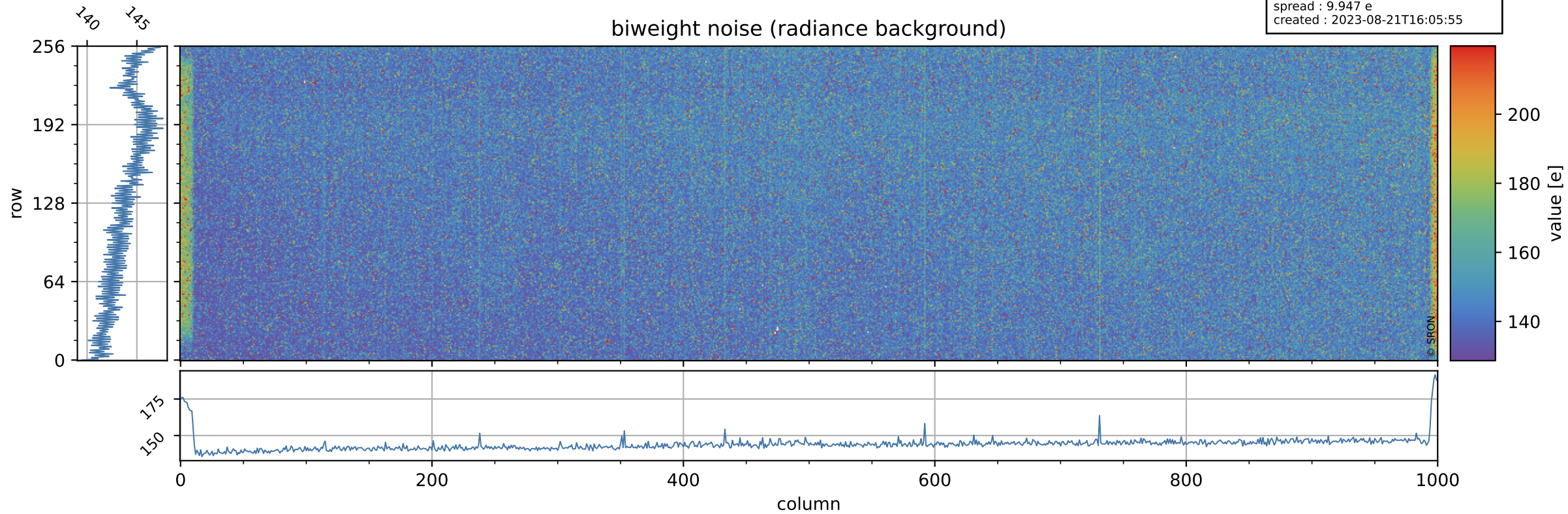
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19462, 19537]
coverage : 2021-07-15 / 2021-07-20
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.947 e
created : 2023-08-21T16:05:55

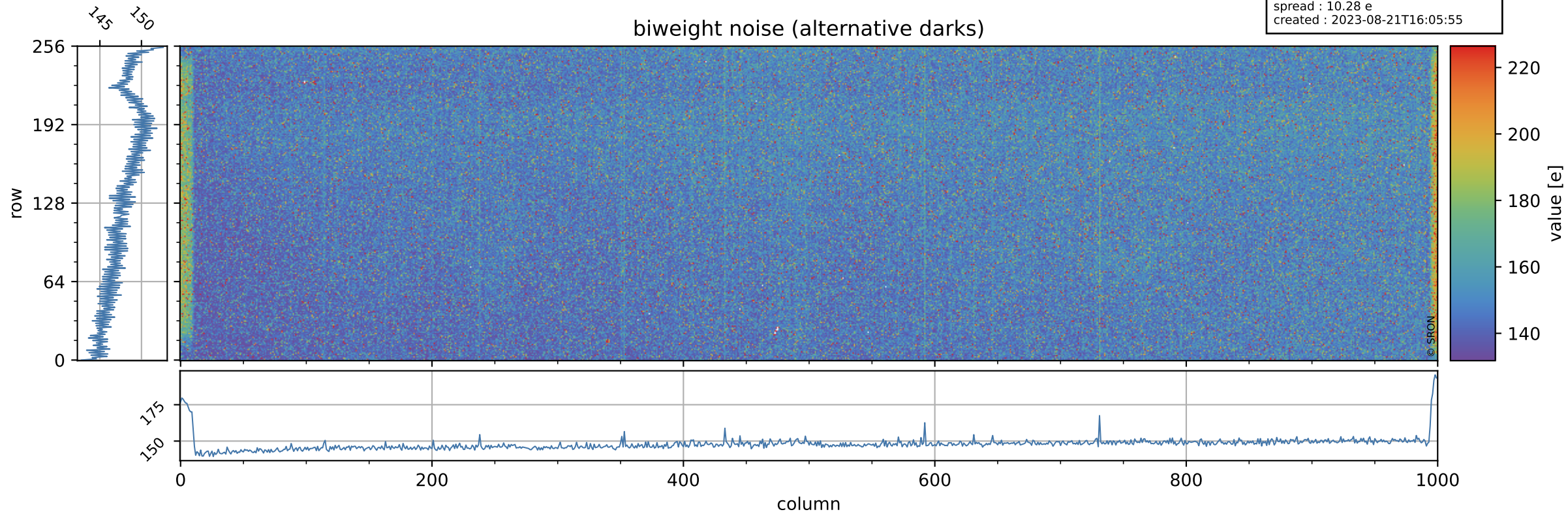
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19462, 19537]
coverage : 2021-07-15 / 2021-07-20
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.28 e
created : 2023-08-21T16:05:55

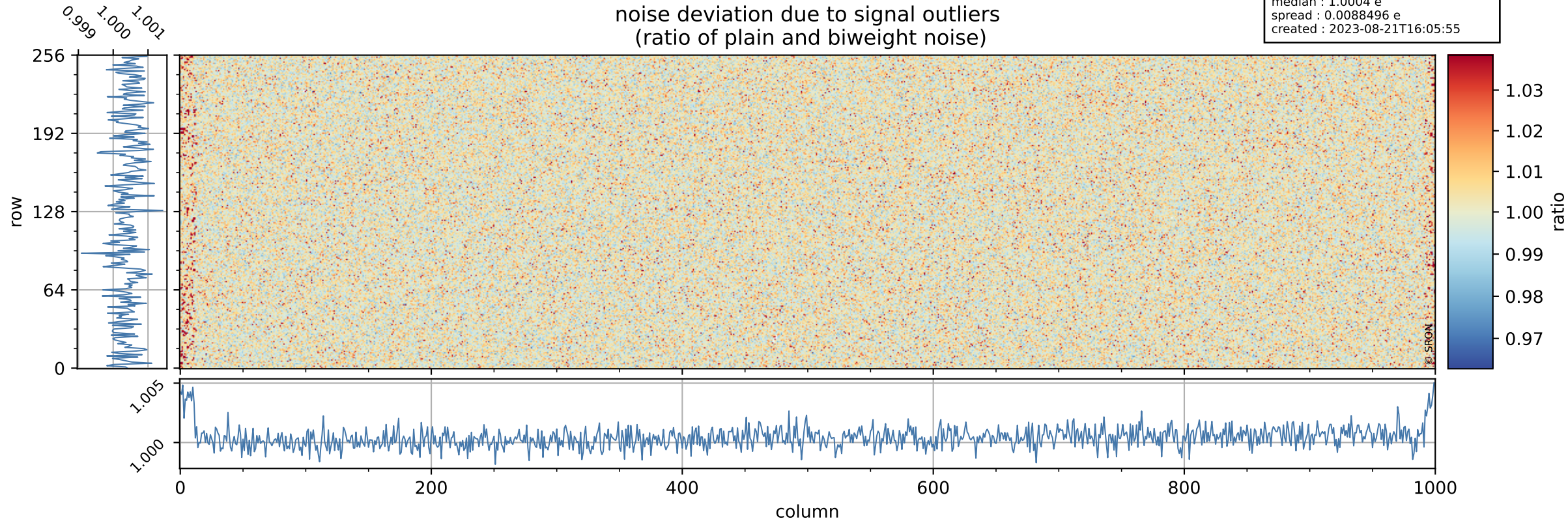
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

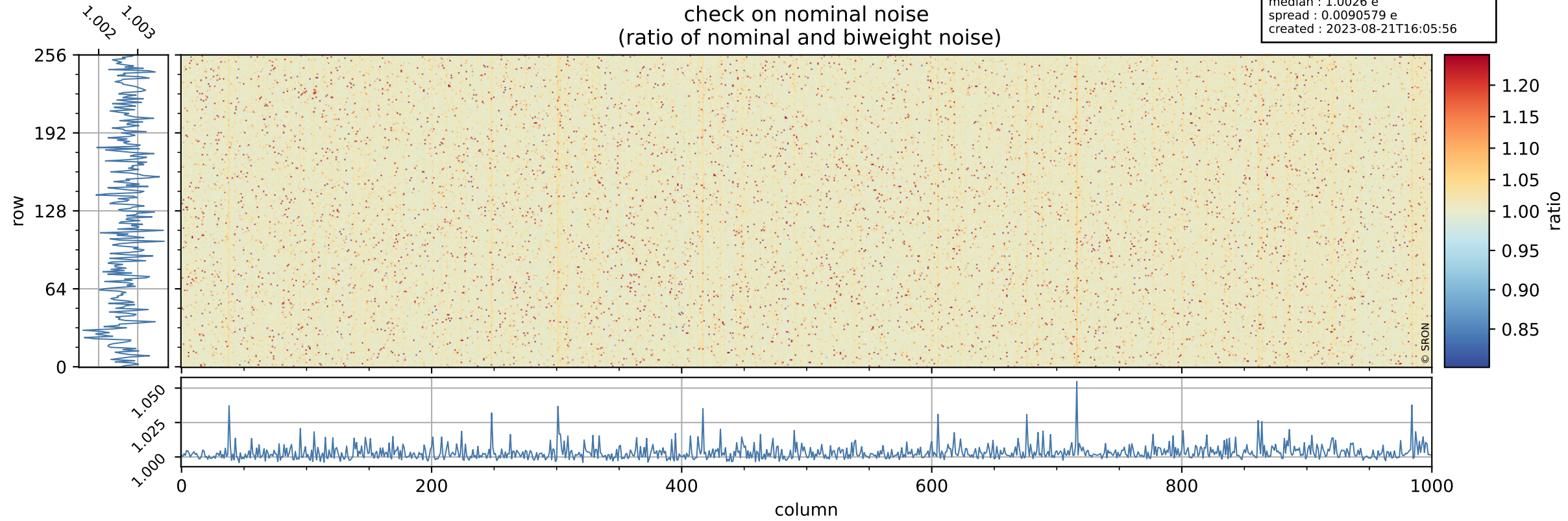
orbits : 12 in [19462, 19537]
coverage : 2021-07-15 / 2021-07-20
median : 1.0004 e
spread : 0.0088496 e
created : 2023-08-21T16:05:55



Tropomi SWIR background noise (swir)

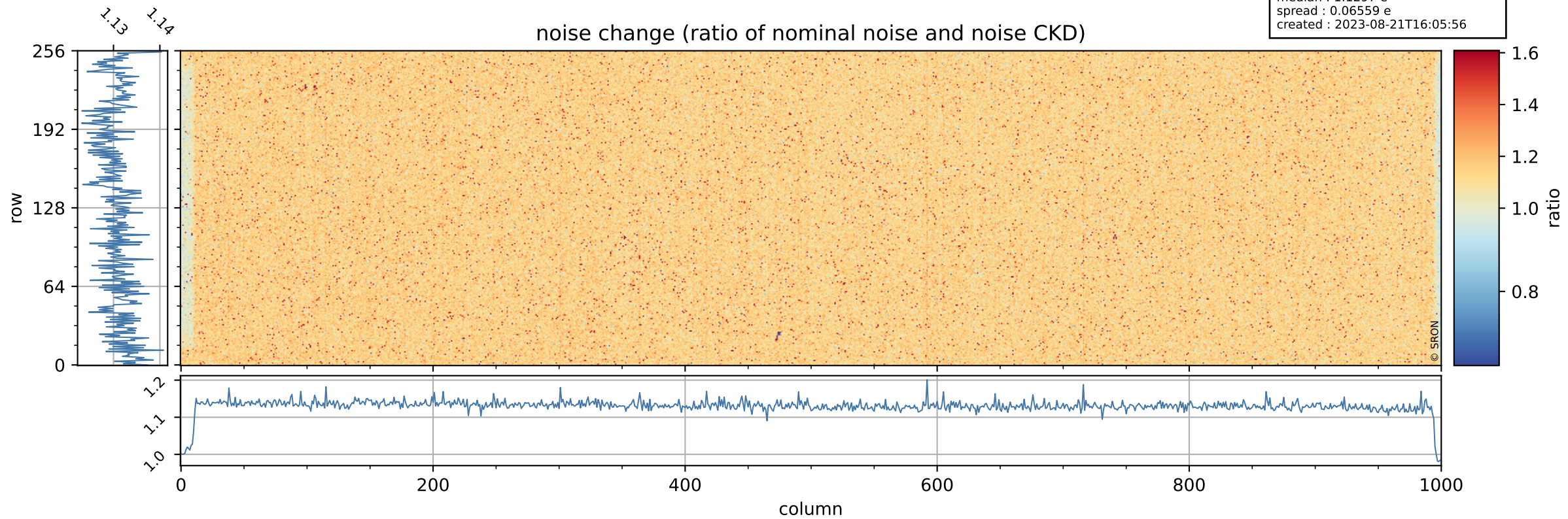
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19462, 19537]
coverage : 2021-07-15 / 2021-07-20
median : 1.0026 e
spread : 0.0090579 e
created : 2023-08-21T16:05:56



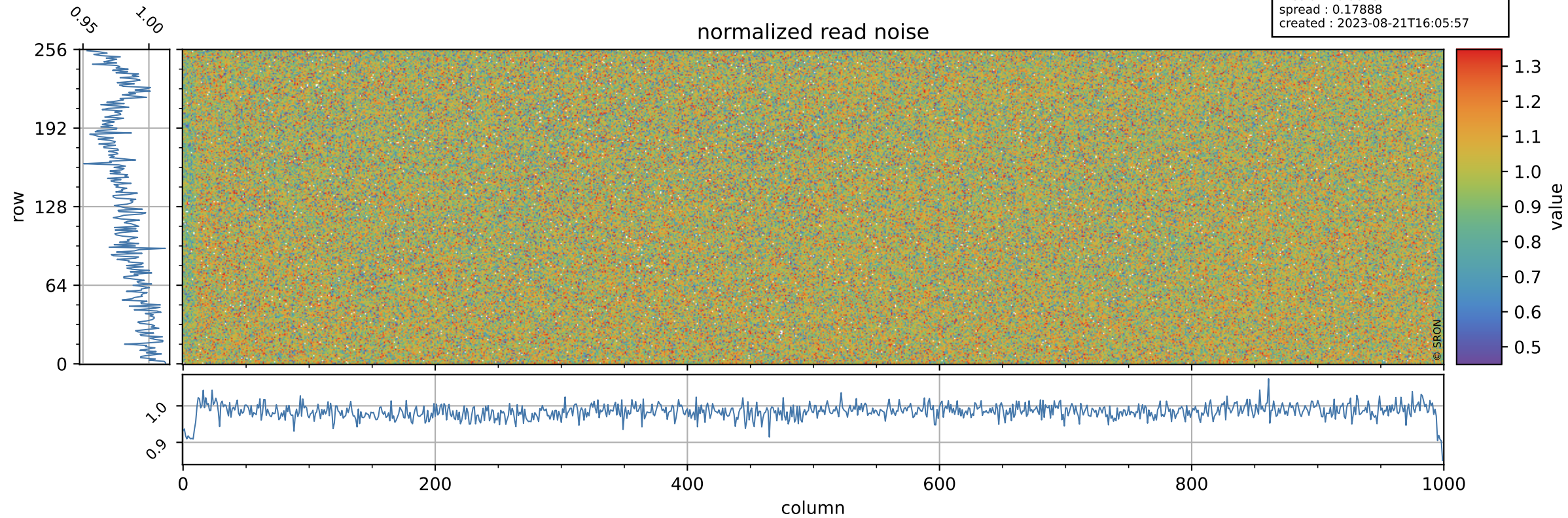
Tropomi SWIR background noise (swir)

orbits : 12 in [19462, 19537]
coverage : 2021-07-15 / 2021-07-20
median : 1.1297 e
spread : 0.06559 e
created : 2023-08-21T16:05:56



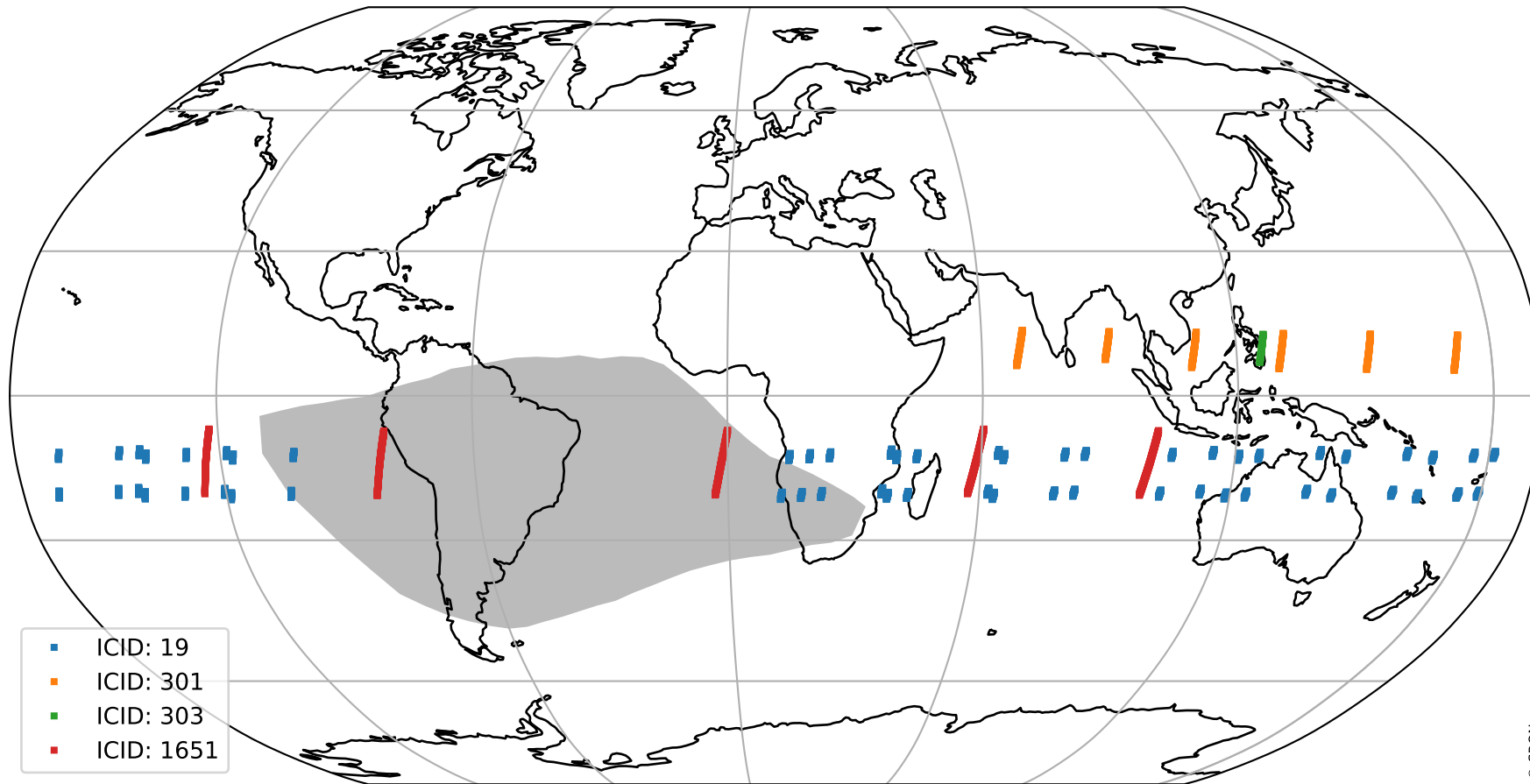
Tropomi SWIR background noise (swir)

orbits : 12 in [19462, 19537]
coverage : 2021-07-15 / 2021-07-20
median : 0.9826
spread : 0.17888
created : 2023-08-21T16:05:57



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

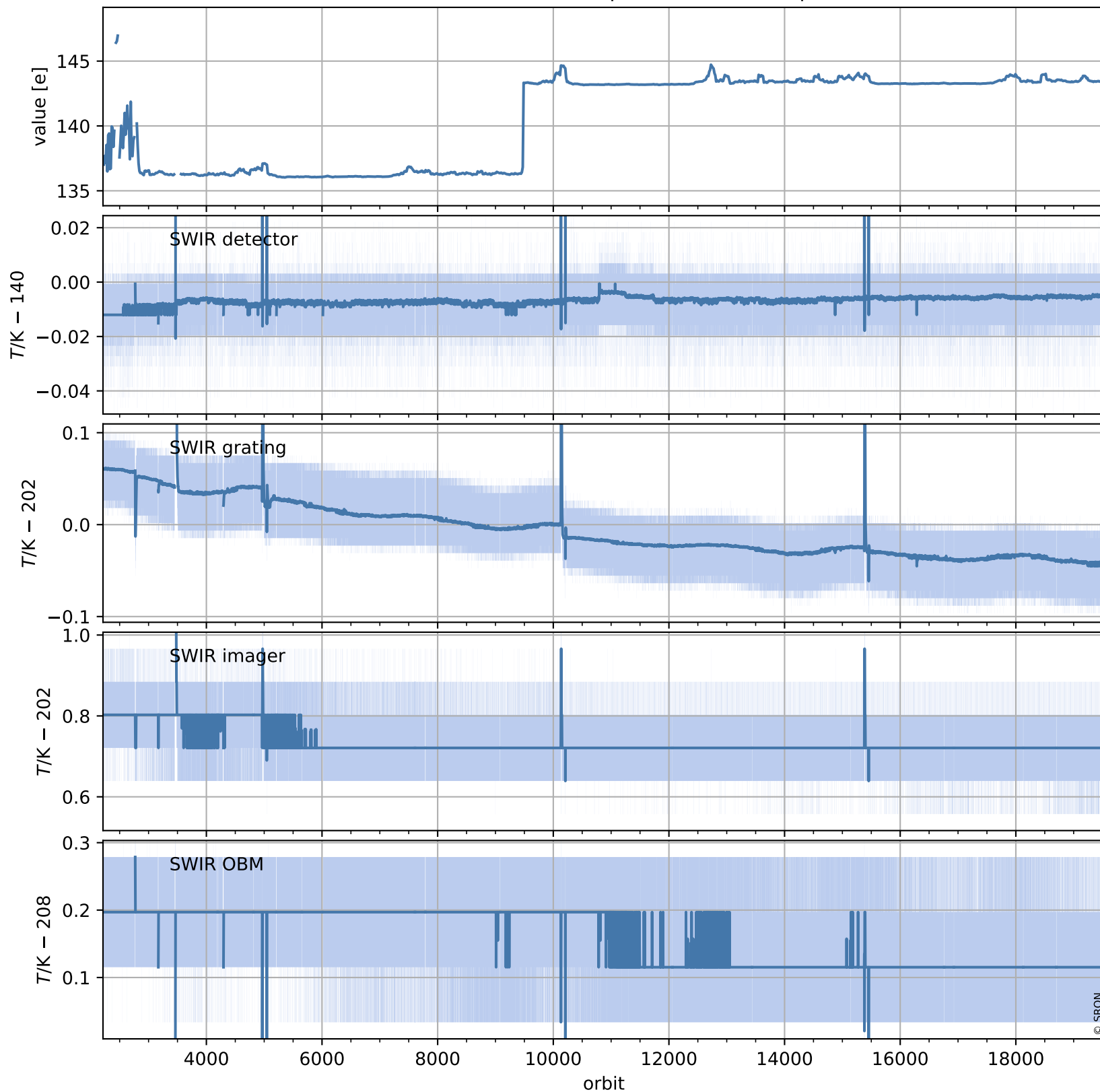
orbits : 12 in [19462, 19537]
coverage : 2021-07-15 / 2021-07-20
created : 2023-08-21T16:05:57



Tropomi SWIR background noise (swir)

orbits : [2212, 19537]
coverage : 2018-03-18 / 2021-07-20
created : 2023-08-21T16:05:57

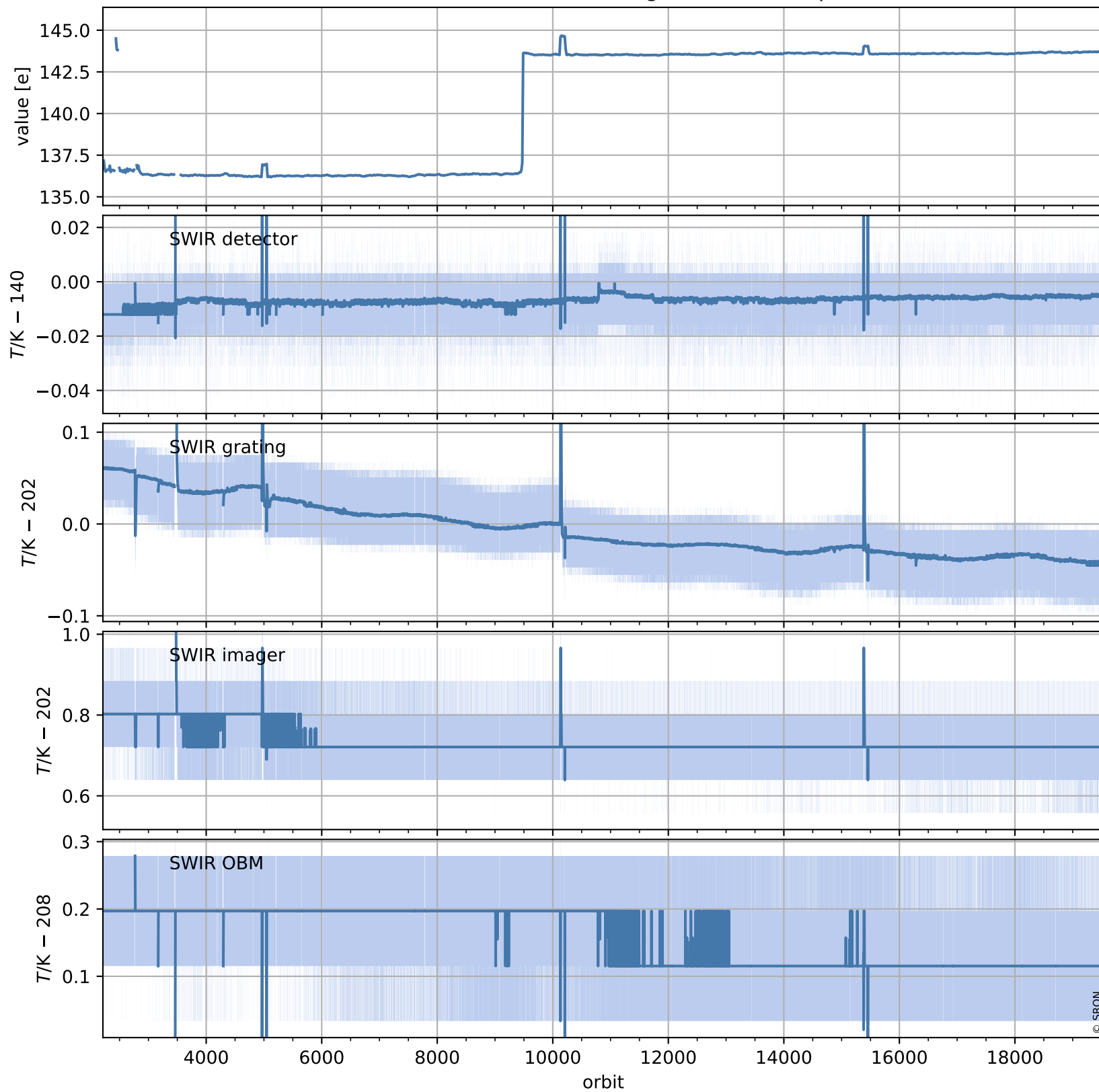
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19537]
coverage : 2018-03-18 / 2021-07-20
created : 2023-08-21T16:05:58

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19537]
coverage : 2018-03-18 / 2021-07-20
created : 2023-08-21T16:05:59

trend of normalized read-noise & temperatures

