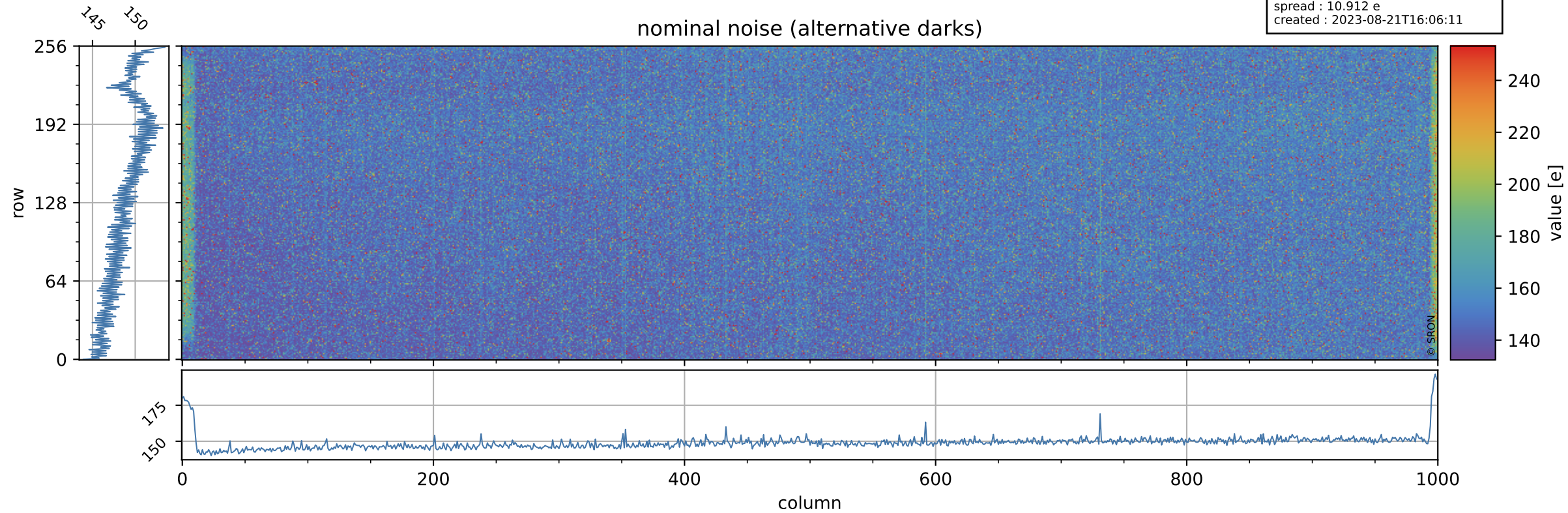


Tropomi SWIR background noise (swir)

orbits : 12 in [19492, 19582]
coverage : 2021-07-18 / 2021-07-24
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.912 e
created : 2023-08-21T16:06:11

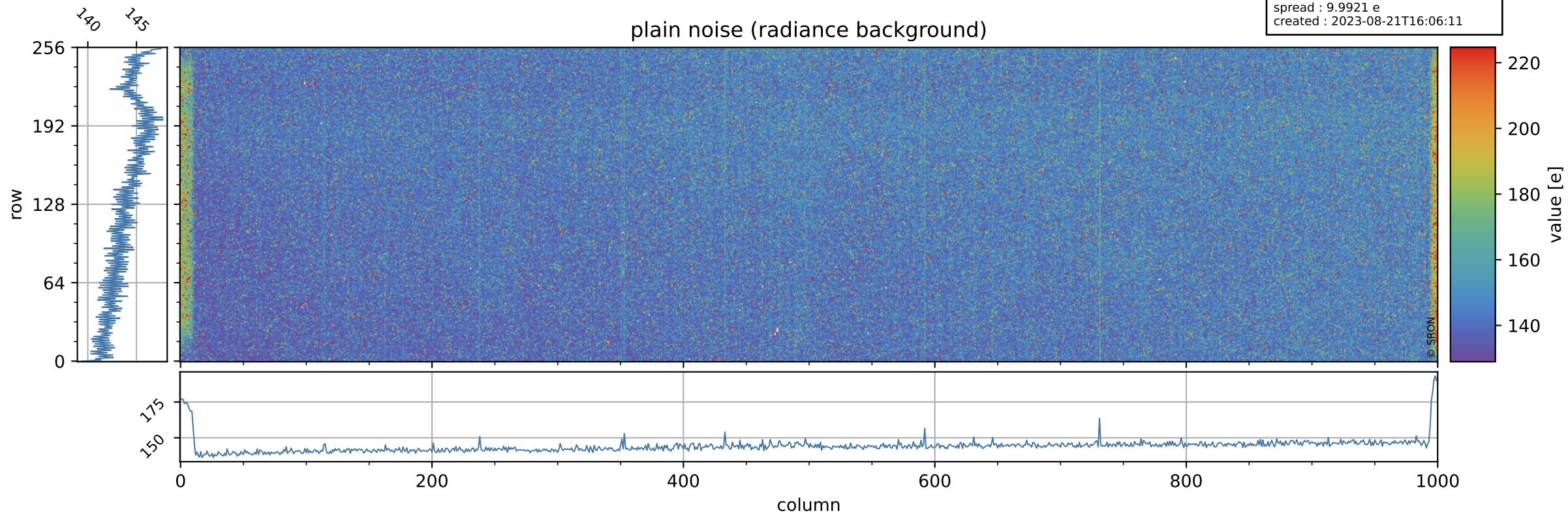
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19492, 19582]
coverage : 2021-07-18 / 2021-07-24
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 9.9921 e
created : 2023-08-21T16:06:11

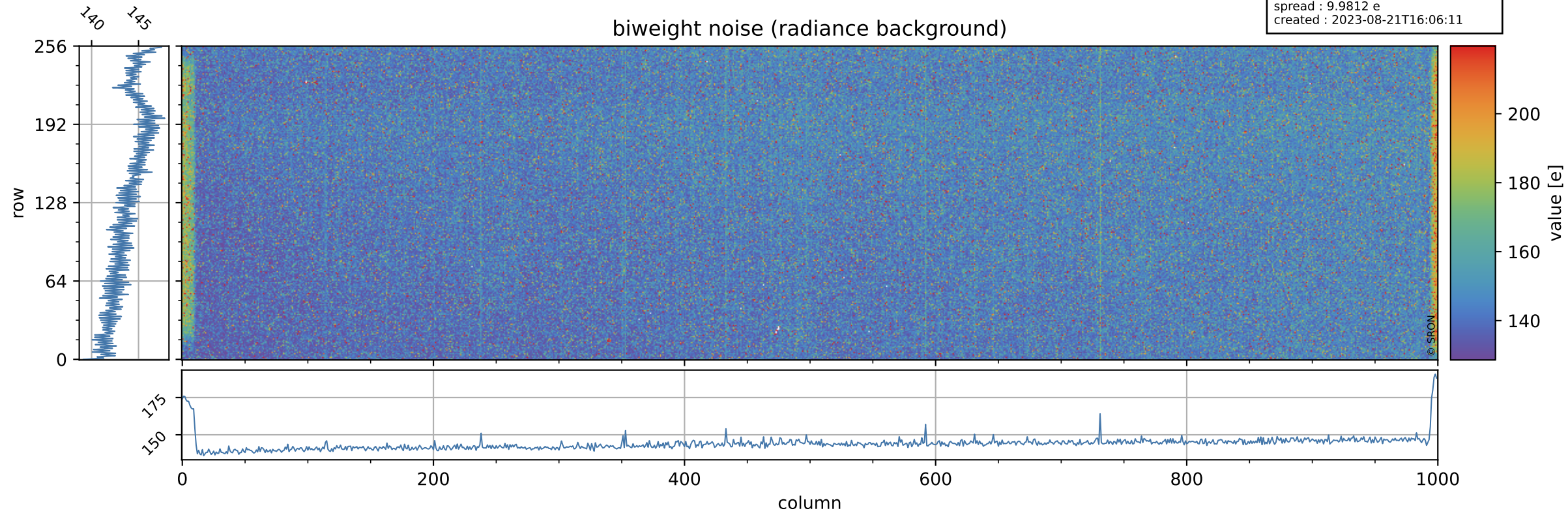
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19492, 19582]
coverage : 2021-07-18 / 2021-07-24
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9812 e
created : 2023-08-21T16:06:11

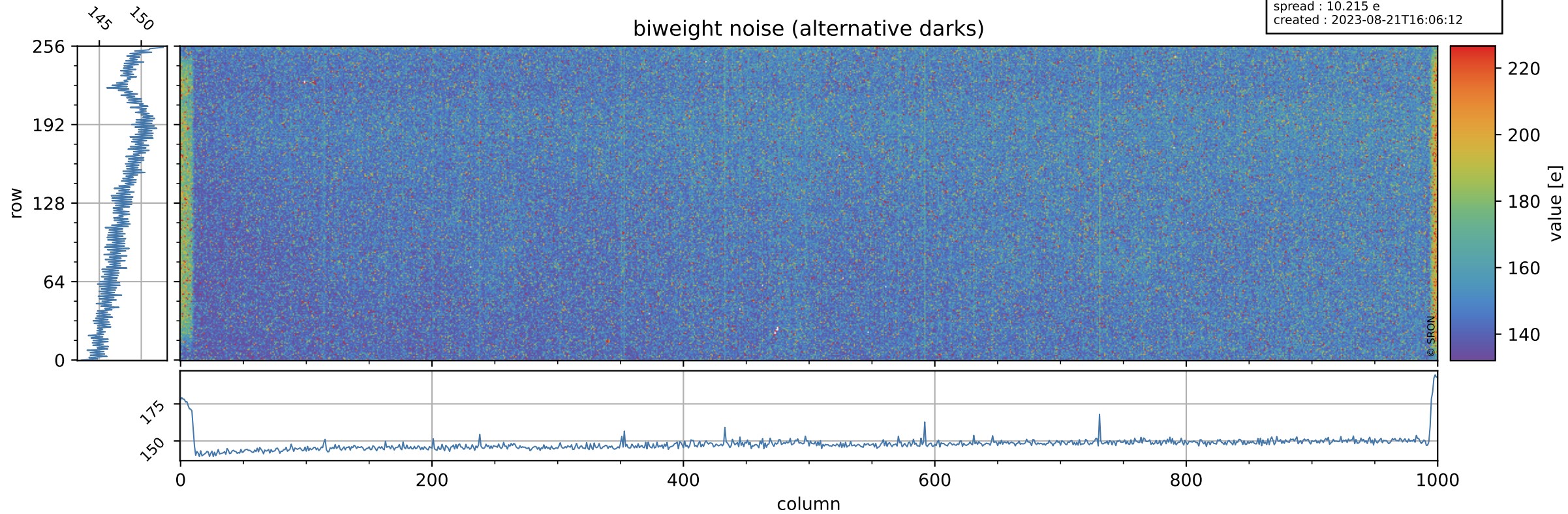
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19492, 19582]
coverage : 2021-07-18 / 2021-07-24
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.215 e
created : 2023-08-21T16:06:12

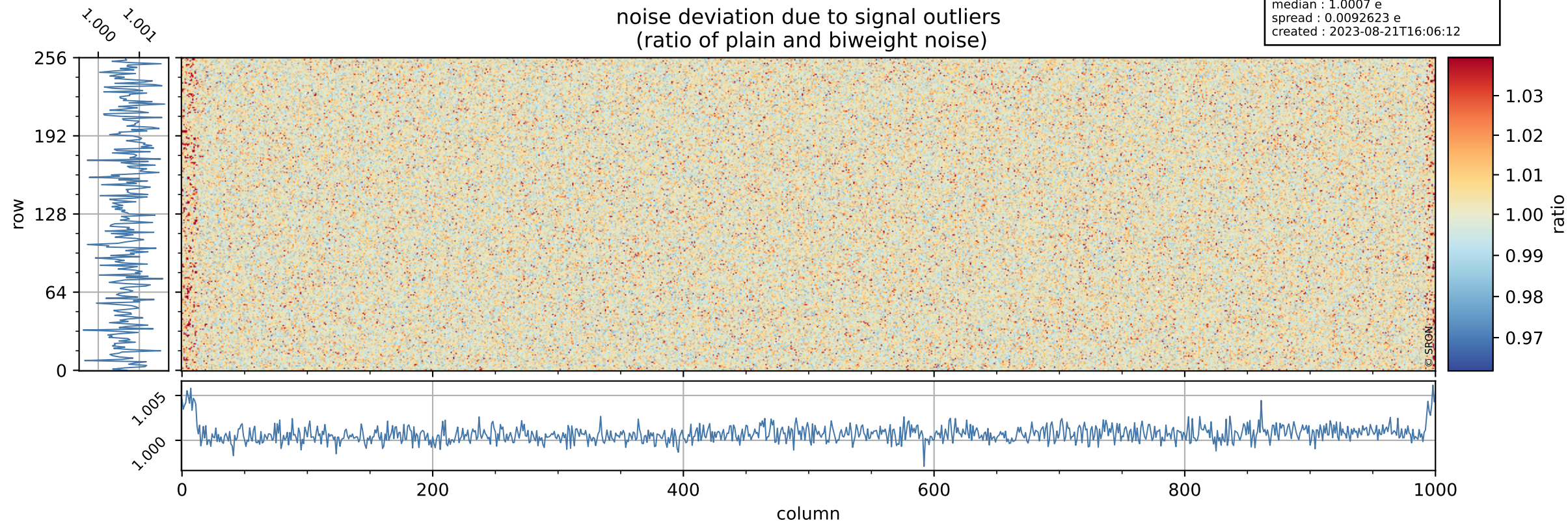
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

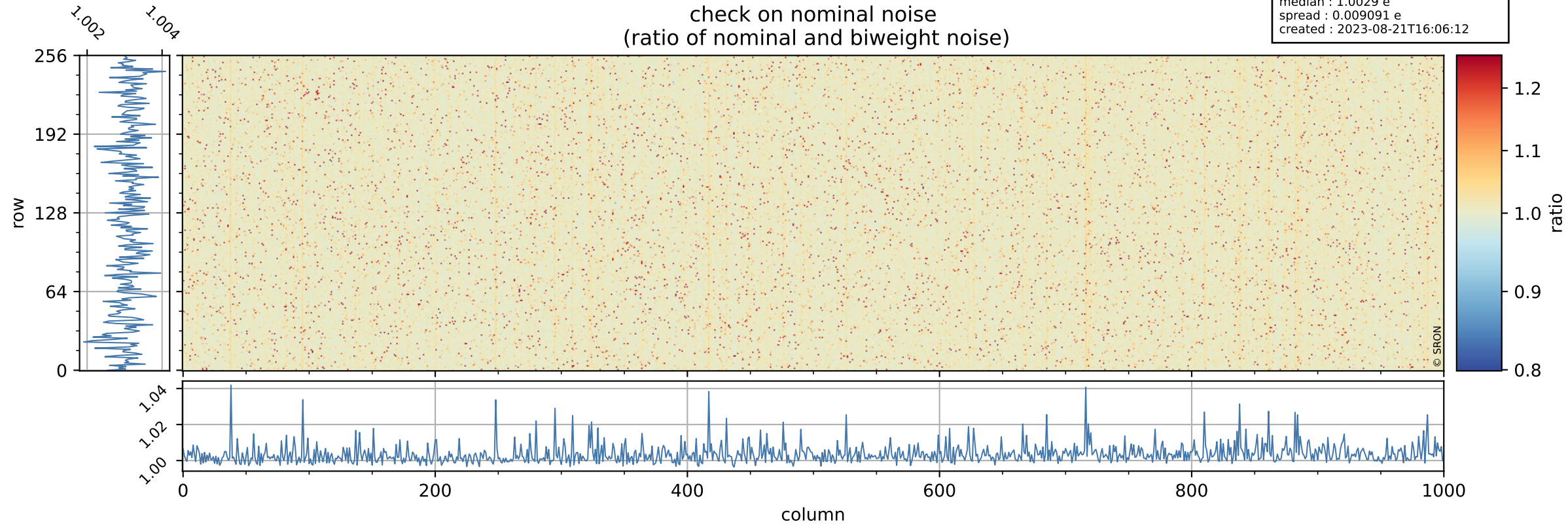
orbits : 12 in [19492, 19582]
coverage : 2021-07-18 / 2021-07-24
median : 1.0007 e
spread : 0.0092623 e
created : 2023-08-21T16:06:12



Tropomi SWIR background noise (swir)

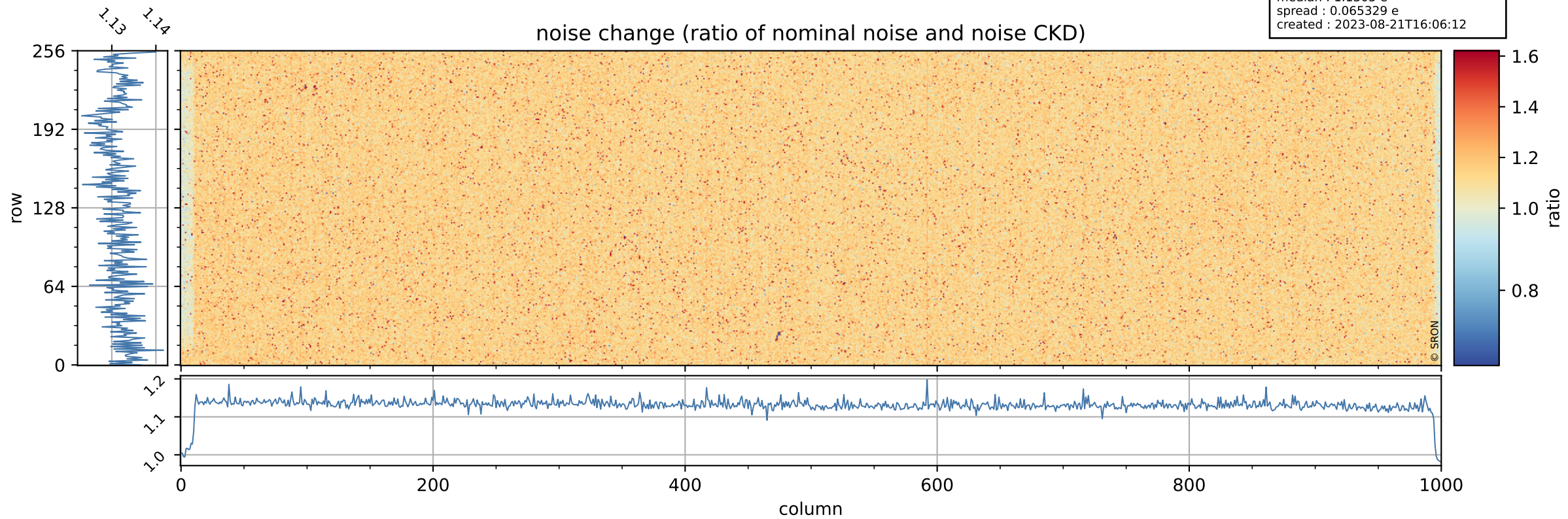
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19492, 19582]
coverage : 2021-07-18 / 2021-07-24
median : 1.0029 e
spread : 0.009091 e
created : 2023-08-21T16:06:12



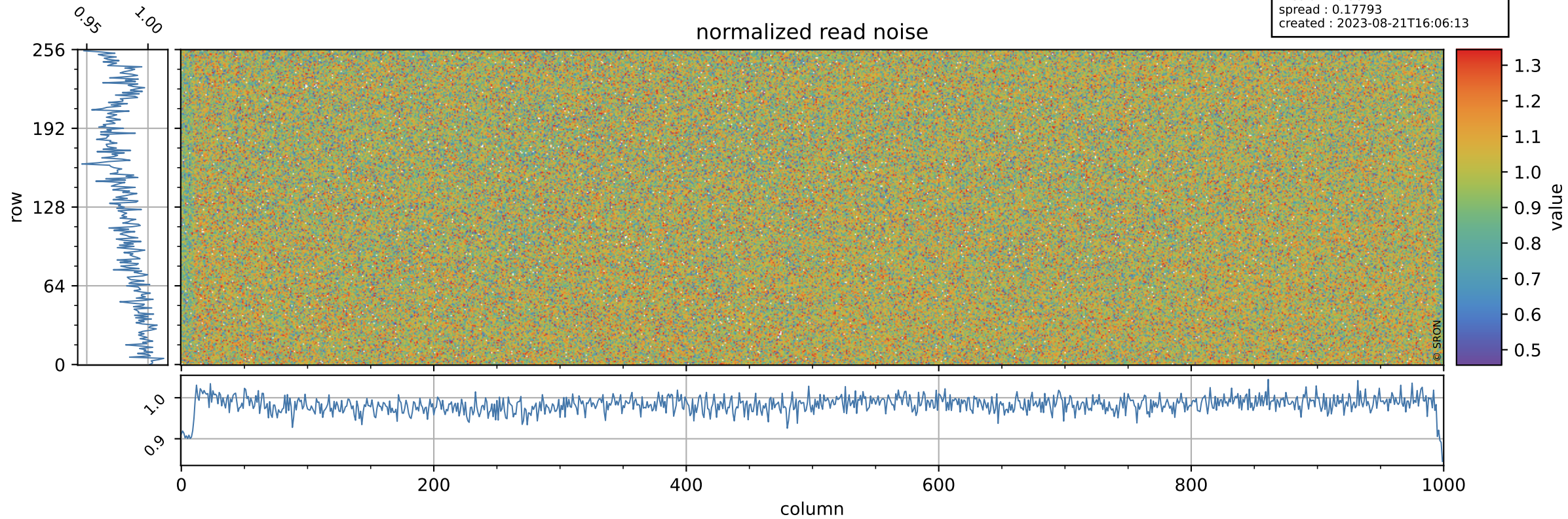
Tropomi SWIR background noise (swir)

orbits : 12 in [19492, 19582]
coverage : 2021-07-18 / 2021-07-24
median : 1.1305 e
spread : 0.065329 e
created : 2023-08-21T16:06:12



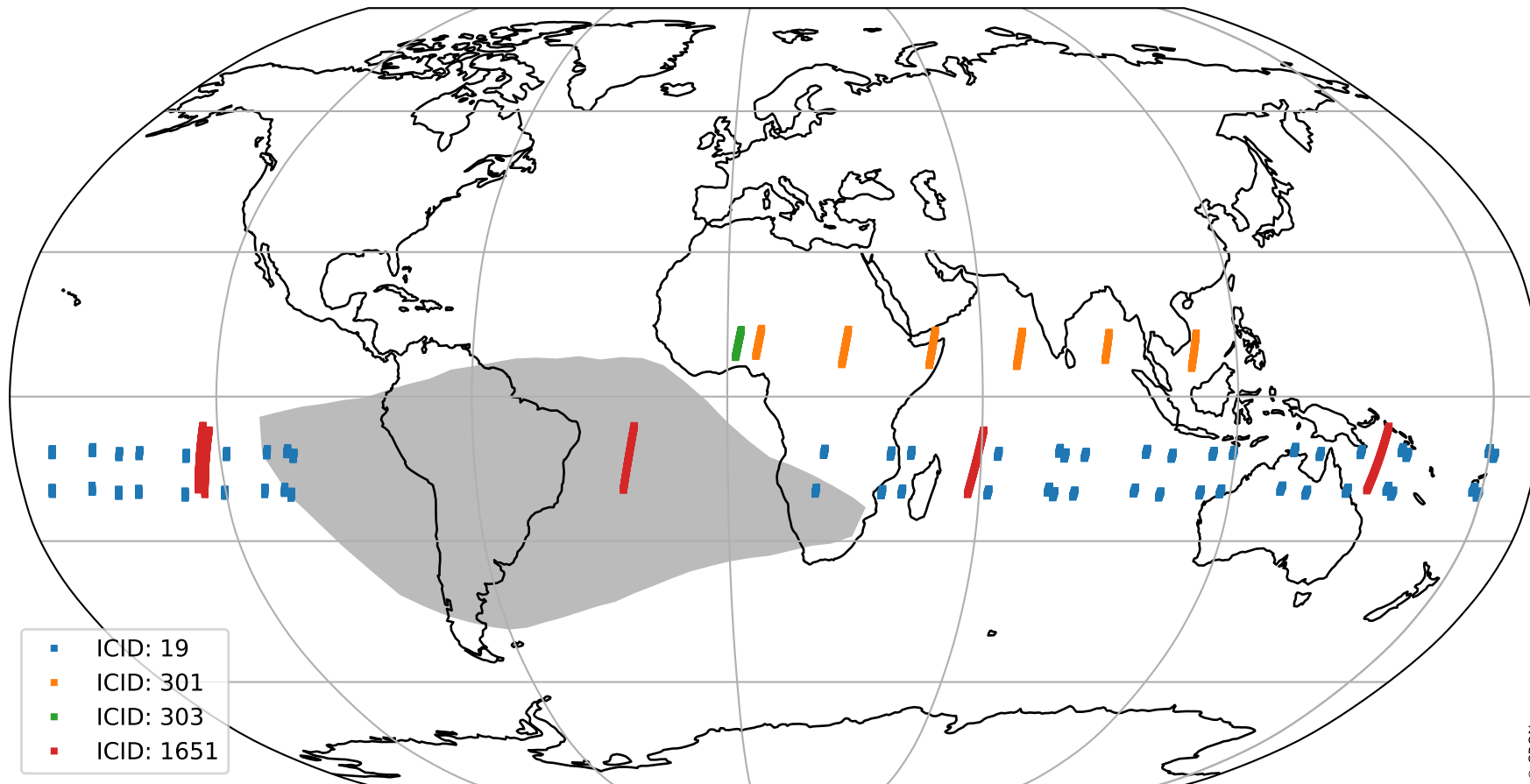
Tropomi SWIR background noise (swir)

orbits : 12 in [19492, 19582]
coverage : 2021-07-18 / 2021-07-24
median : 0.9812
spread : 0.17793
created : 2023-08-21T16:06:13



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

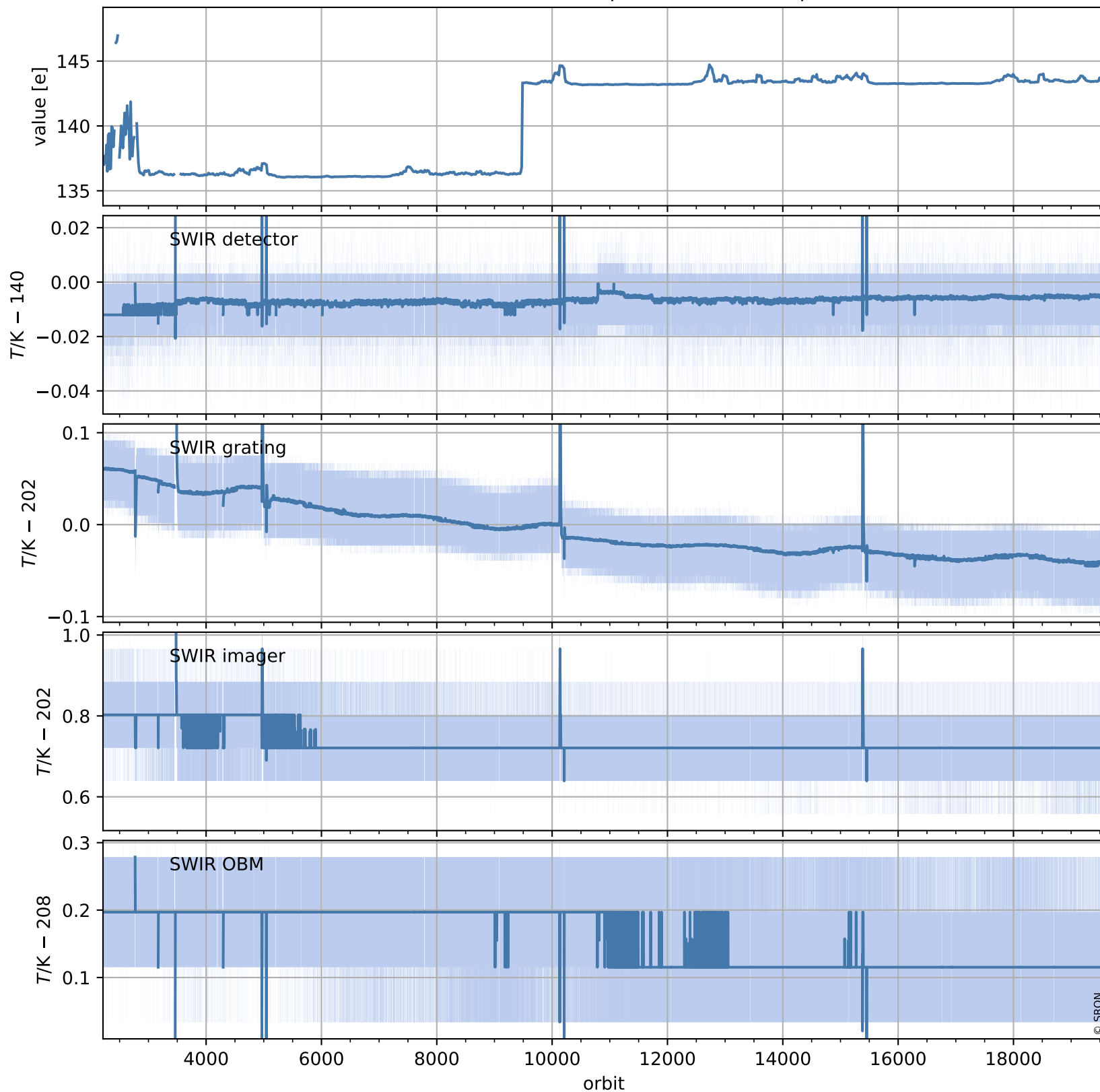
orbits : 12 in [19492, 19582]
coverage : 2021-07-18 / 2021-07-24
created : 2023-08-21T16:06:13



Tropomi SWIR background noise (swir)

orbits : [2212, 19582]
coverage : 2018-03-18 / 2021-07-24
created : 2023-08-21T16:06:13

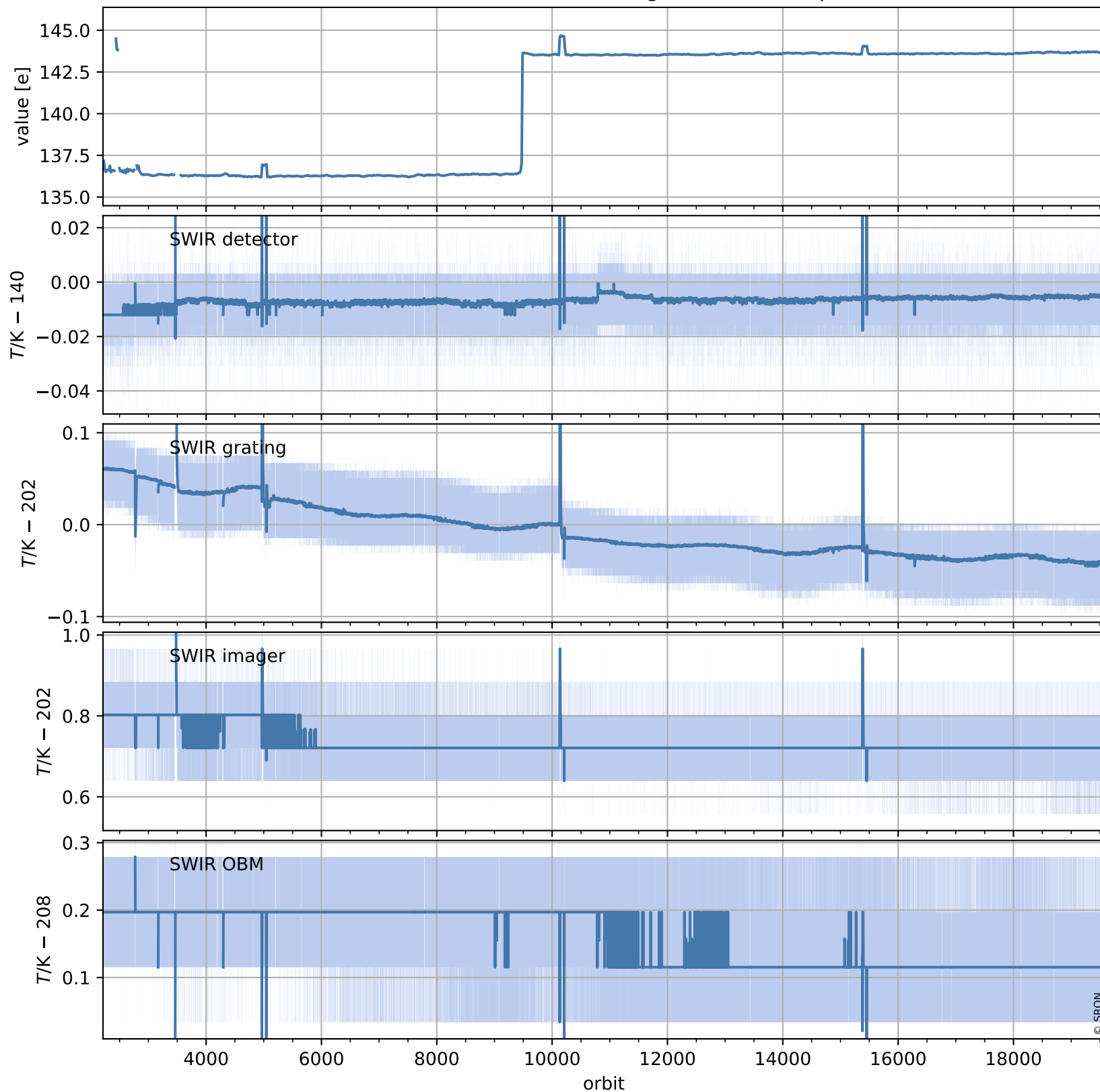
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19582]
coverage : 2018-03-18 / 2021-07-24
created : 2023-08-21T16:06:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19582]
coverage : 2018-03-18 / 2021-07-24
created : 2023-08-21T16:06:15

trend of normalized read-noise & temperatures

