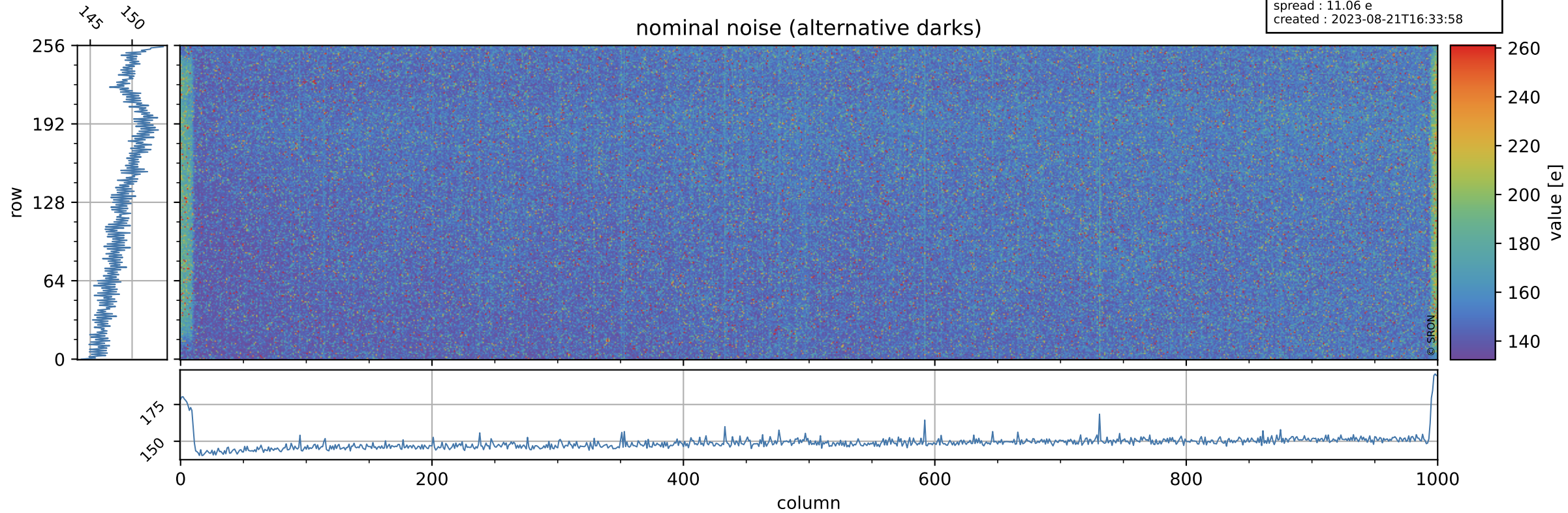


Tropomi SWIR background noise (swir)

orbits : 12 in [23917, 24007]
coverage : 2022-05-26 / 2022-06-01
n_coad, t_exp : 1, 1.0783
median : 148.83 e
spread : 11.06 e
created : 2023-08-21T16:33:58

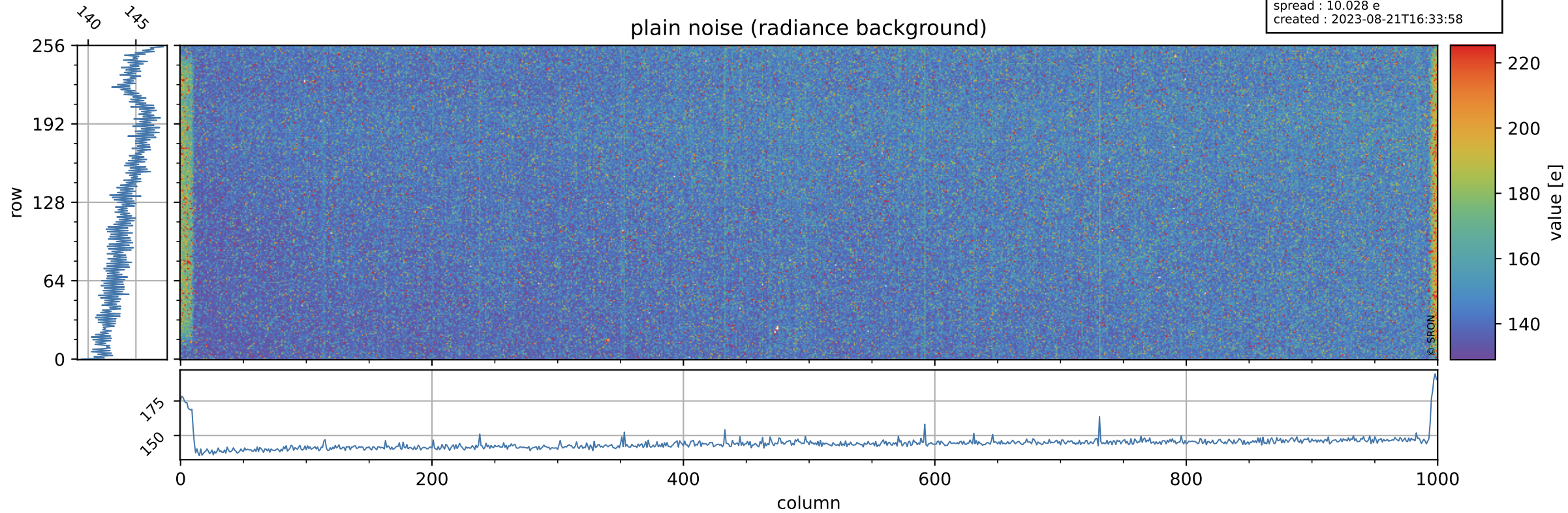
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23917, 24007]
coverage : 2022-05-26 / 2022-06-01
n_coad, t_exp : 1, 0.8383
median : 143.94 e
spread : 10.028 e
created : 2023-08-21T16:33:58

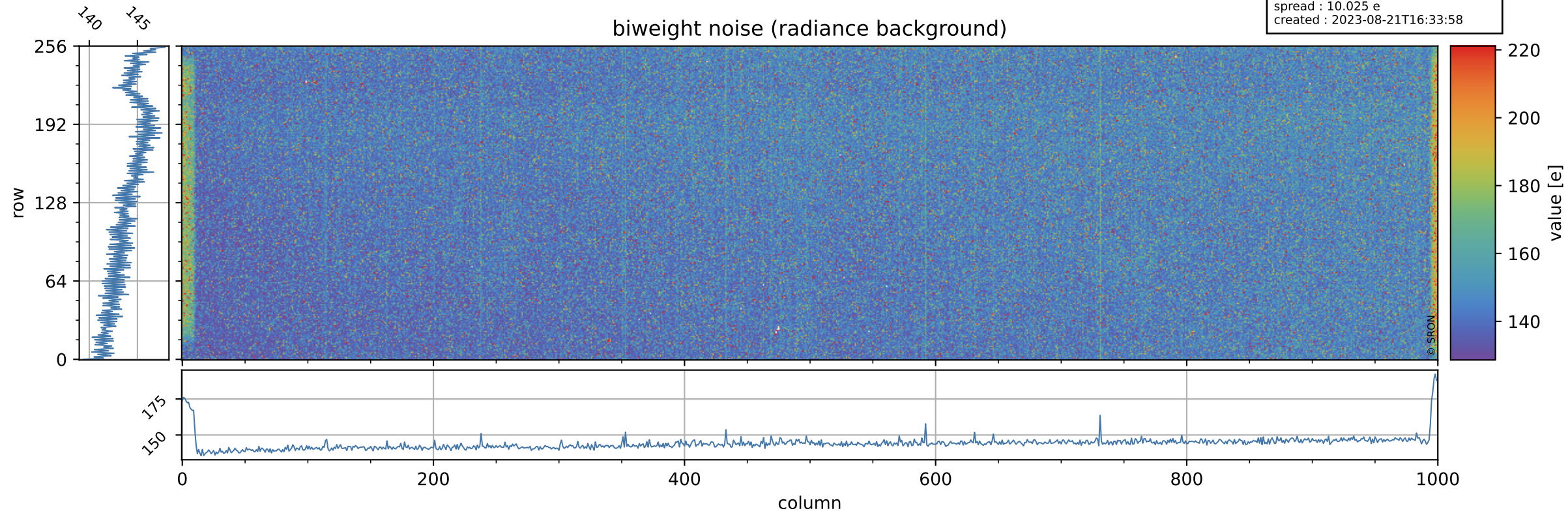
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23917, 24007]
coverage : 2022-05-26 / 2022-06-01
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 10.025 e
created : 2023-08-21T16:33:58

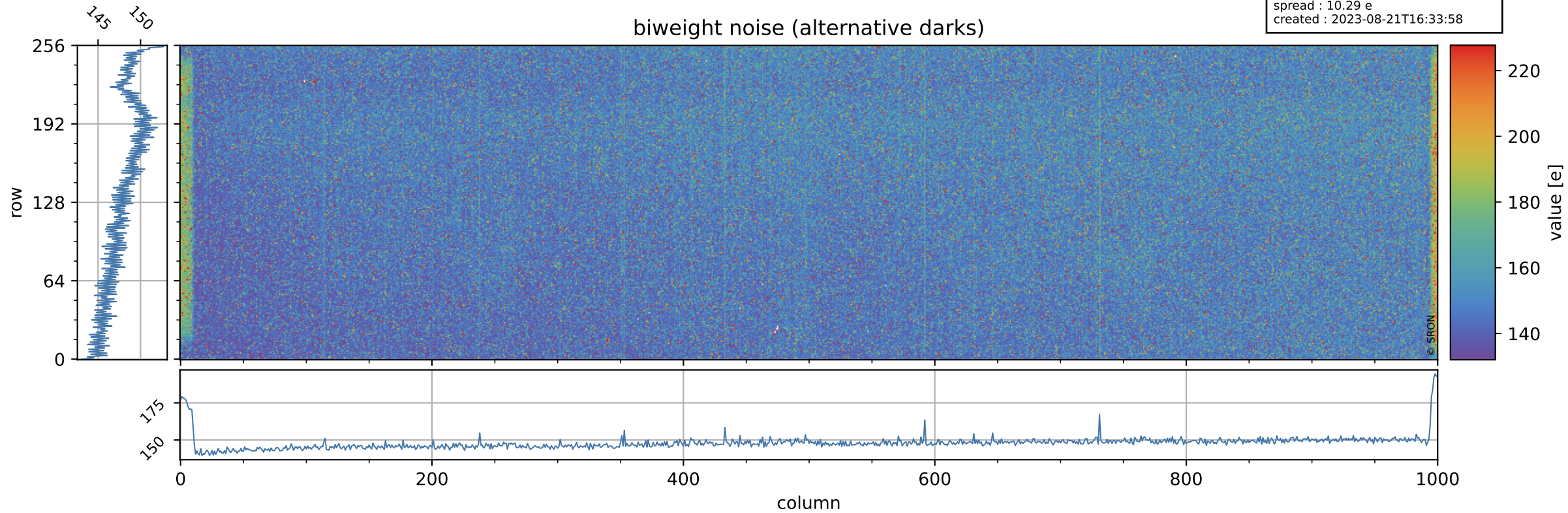
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23917, 24007]
coverage : 2022-05-26 / 2022-06-01
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.29 e
created : 2023-08-21T16:33:58

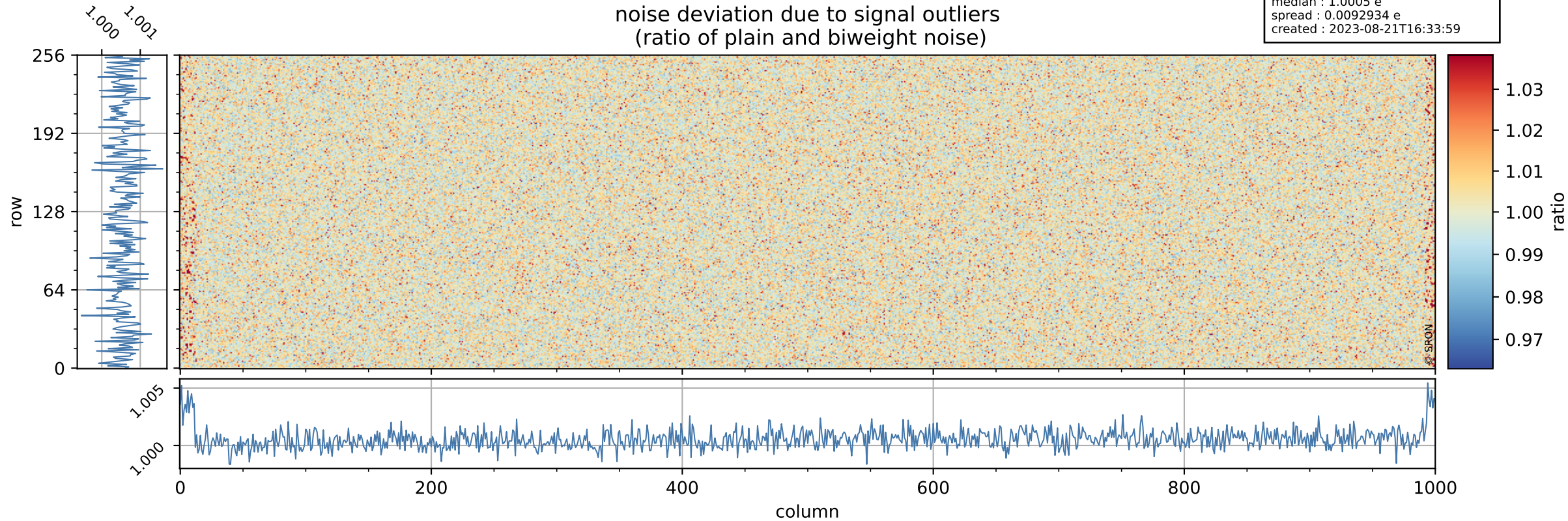
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

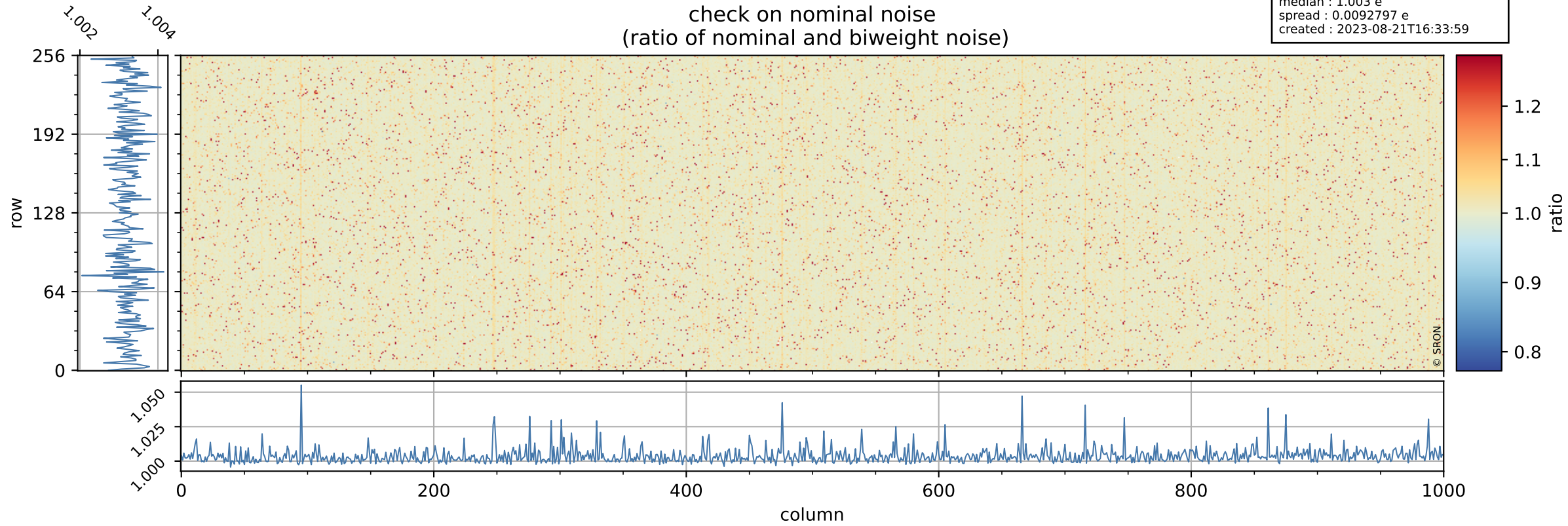
orbits : 12 in [23917, 24007]
coverage : 2022-05-26 / 2022-06-01
median : 1.0005 e
spread : 0.0092934 e
created : 2023-08-21T16:33:59



Tropomi SWIR background noise (swir)

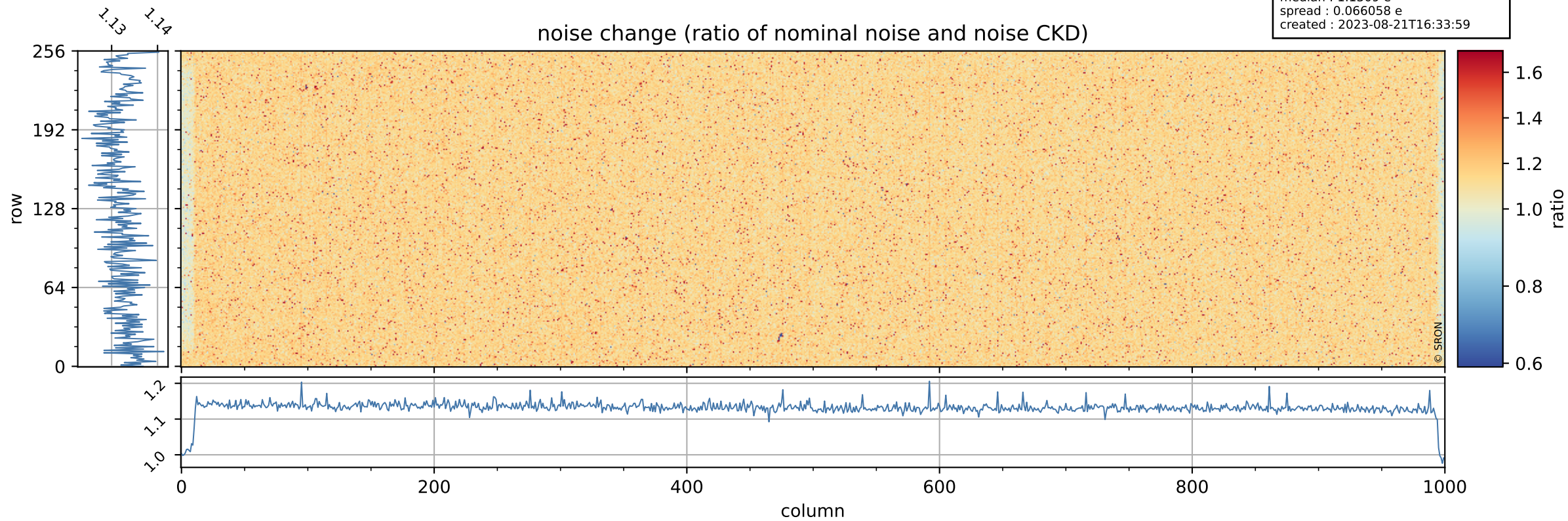
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23917, 24007]
coverage : 2022-05-26 / 2022-06-01
median : 1.003 e
spread : 0.0092797 e
created : 2023-08-21T16:33:59



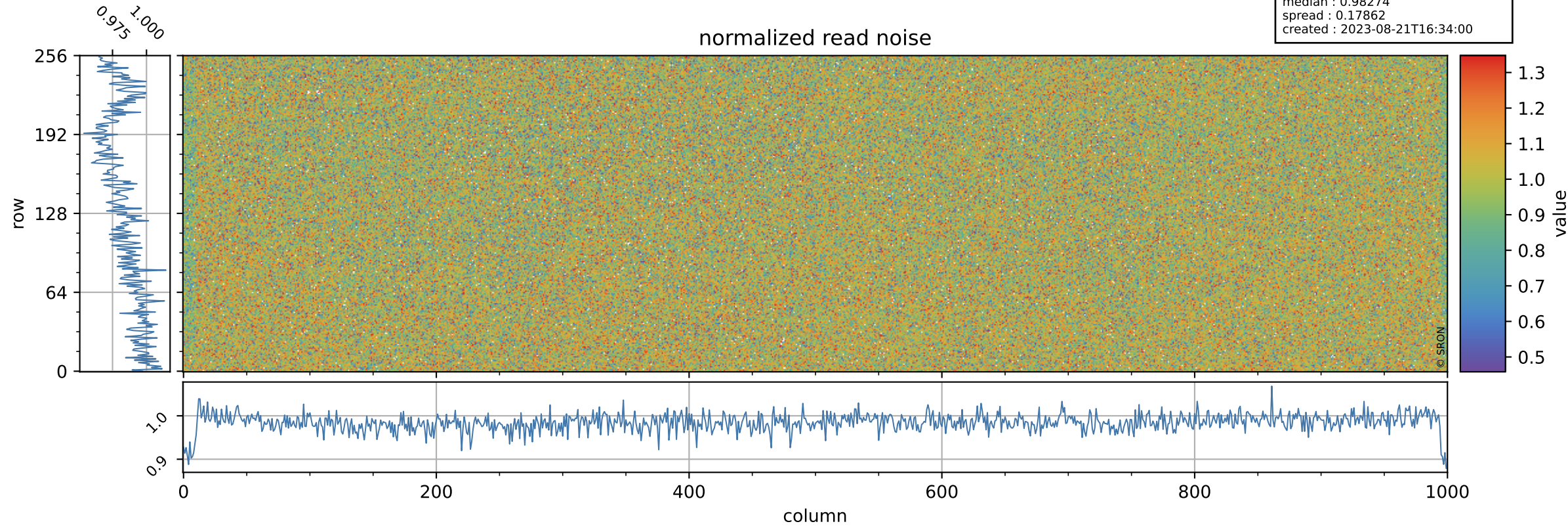
Tropomi SWIR background noise (swir)

orbits : 12 in [23917, 24007]
coverage : 2022-05-26 / 2022-06-01
median : 1.1309 e
spread : 0.066058 e
created : 2023-08-21T16:33:59



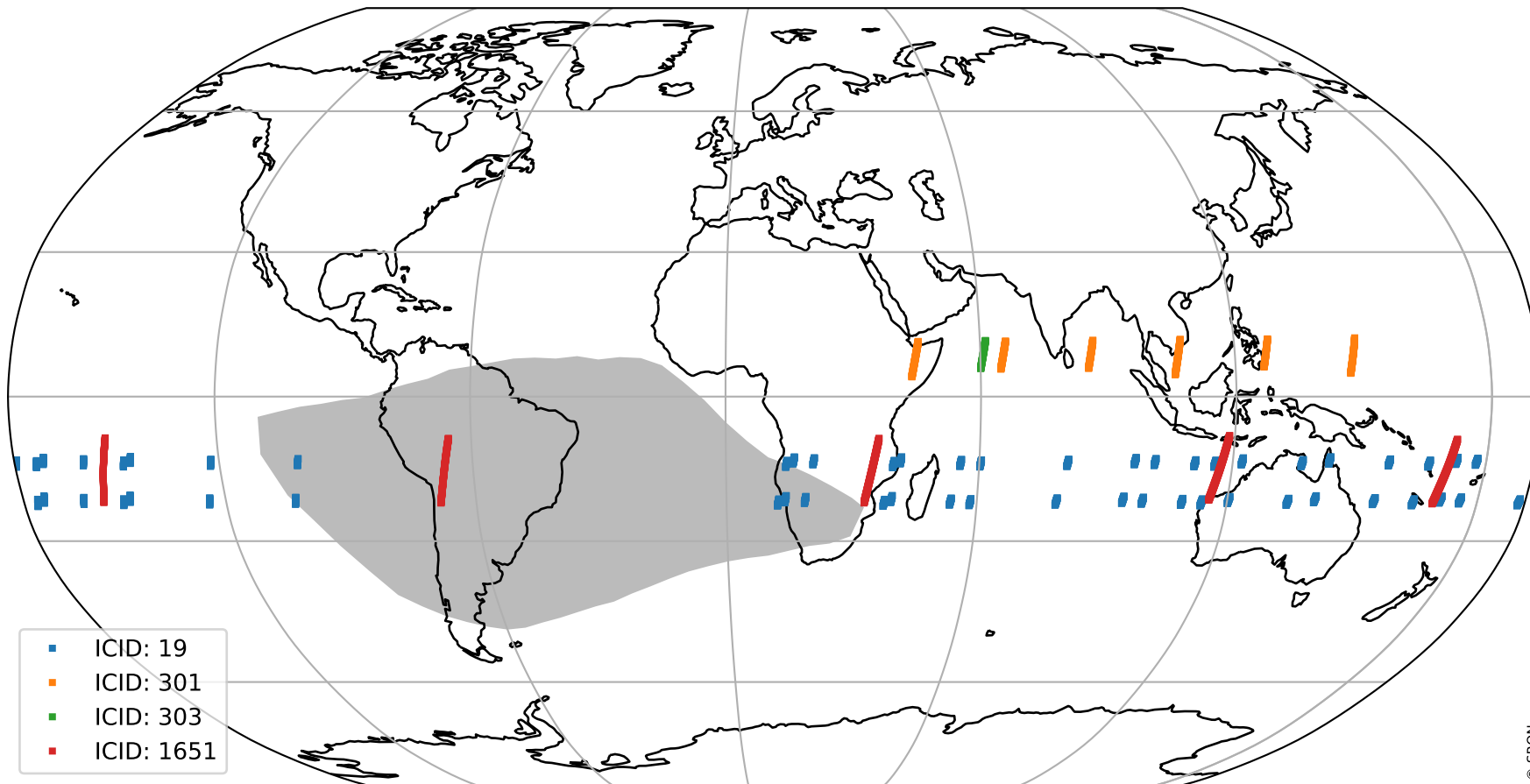
Tropomi SWIR background noise (swir)

orbits : 12 in [23917, 24007]
coverage : 2022-05-26 / 2022-06-01
median : 0.98274
spread : 0.17862
created : 2023-08-21T16:34:00



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

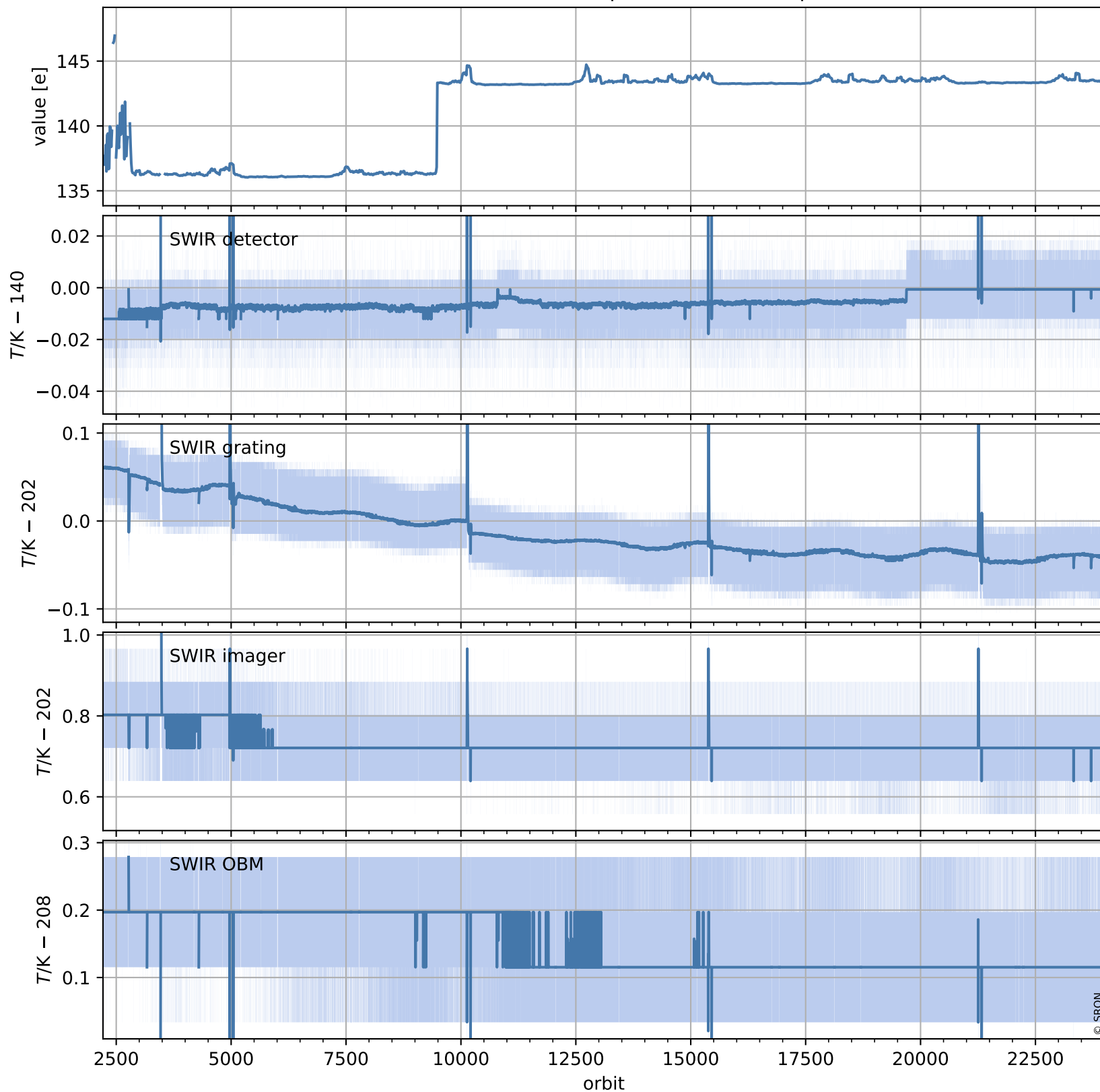
orbits : 12 in [23917, 24007]
coverage : 2022-05-26 / 2022-06-01
created : 2023-08-21T16:34:00



Tropomi SWIR background noise (swir)

orbits : [2212, 24007]
coverage : 2018-03-18 / 2022-06-01
created : 2023-08-21T16:34:00

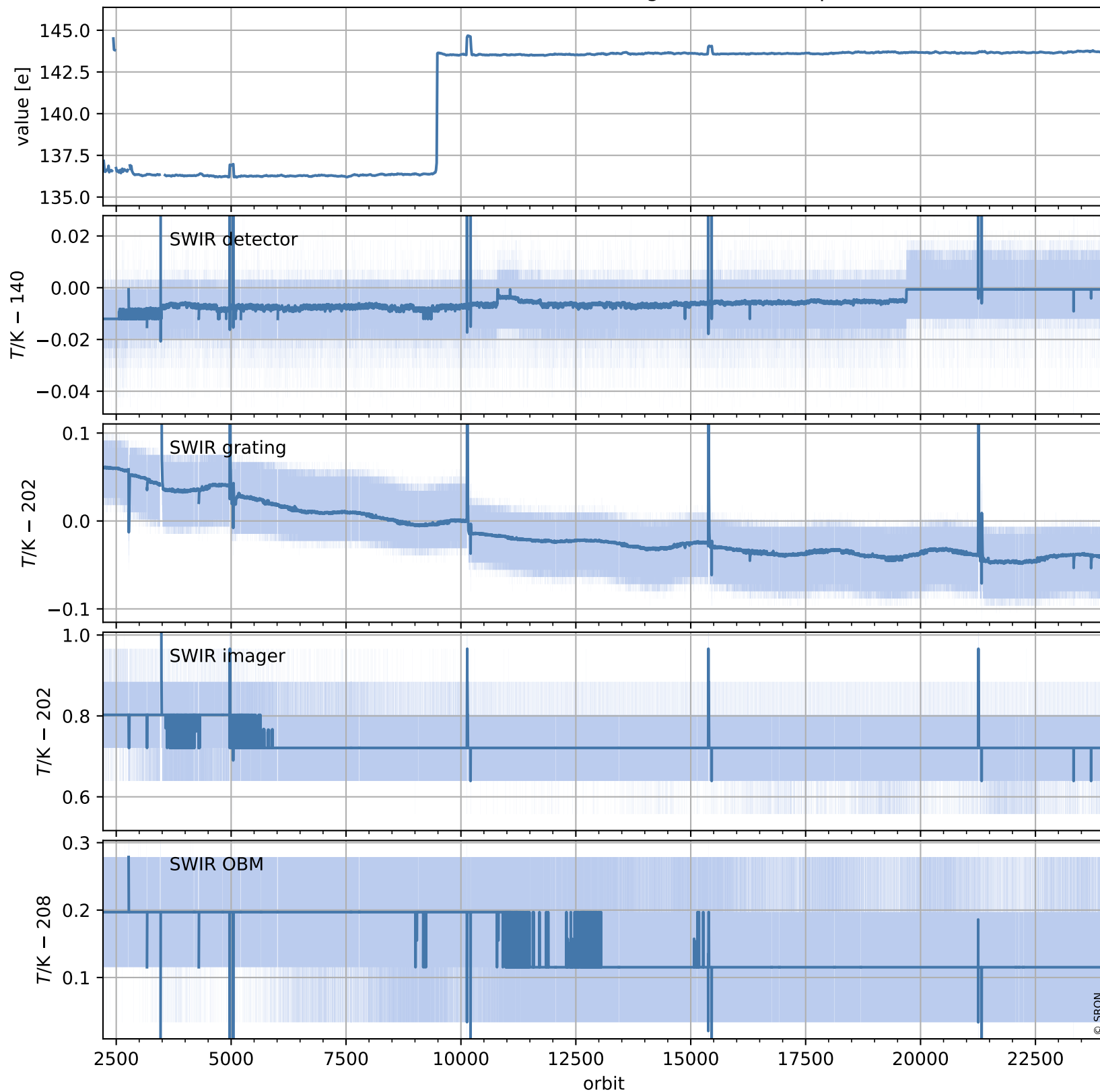
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24007]
coverage : 2018-03-18 / 2022-06-01
created : 2023-08-21T16:34:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24007]
coverage : 2018-03-18 / 2022-06-01
created : 2023-08-21T16:34:02

trend of normalized read-noise & temperatures

