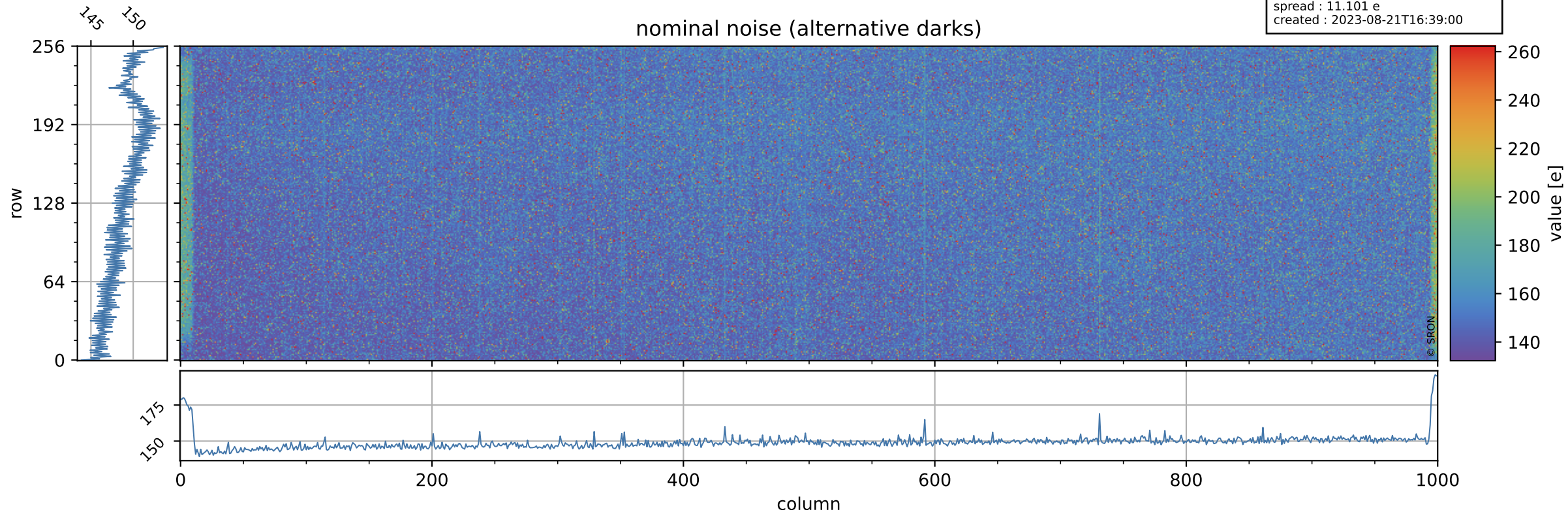


Tropomi SWIR background noise (swir)

orbits : 12 in [24697, 24787]
coverage : 2022-07-20 / 2022-07-26
n_coad, t_exp : 1, 1.0783
median : 148.85 e
spread : 11.101 e
created : 2023-08-21T16:39:00

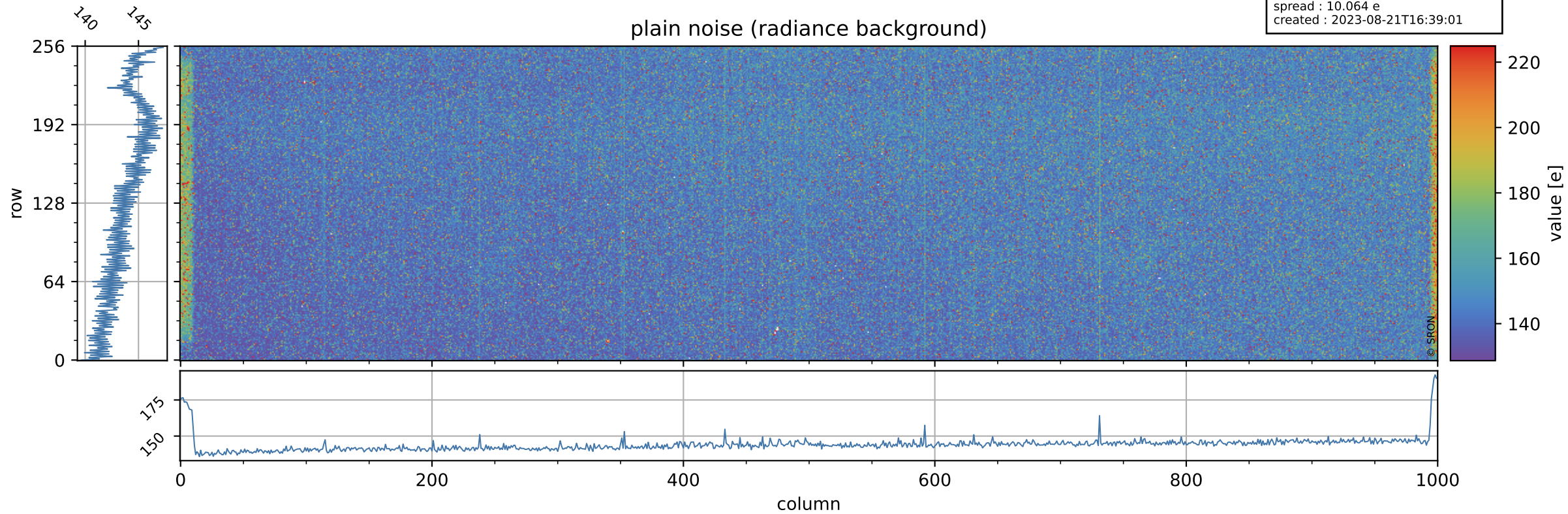
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24697, 24787]
coverage : 2022-07-20 / 2022-07-26
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 10.064 e
created : 2023-08-21T16:39:01

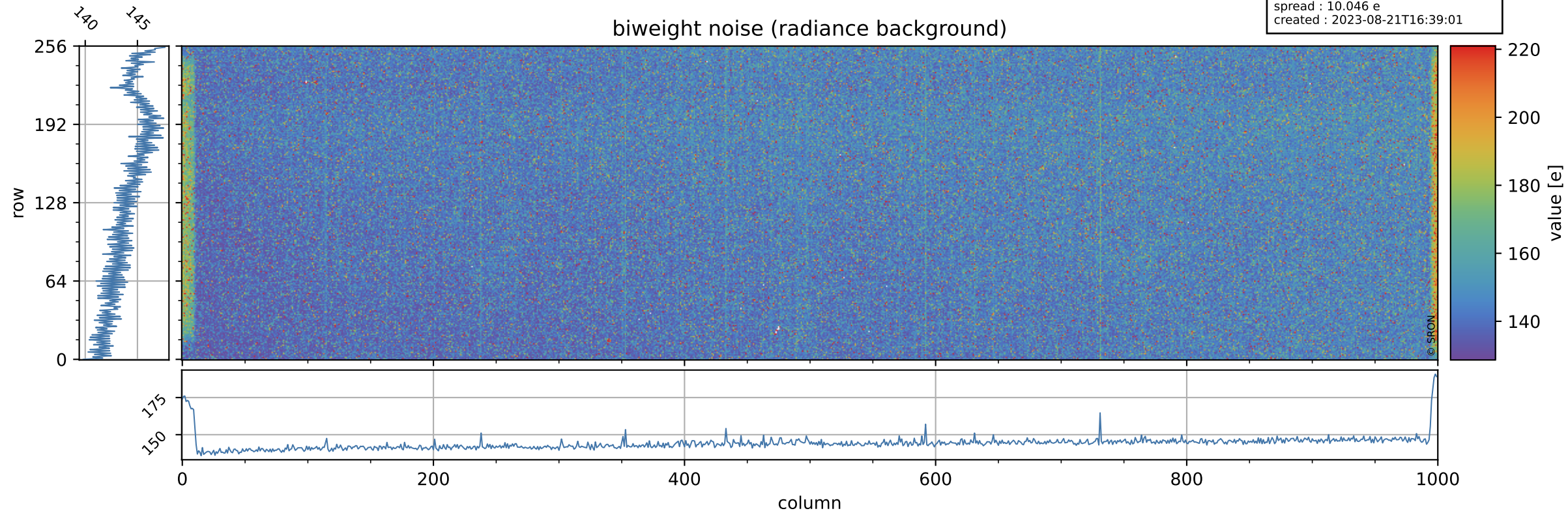
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24697, 24787]
coverage : 2022-07-20 / 2022-07-26
n_coad, t_exp : 1, 0.8383
median : 143.93 e
spread : 10.046 e
created : 2023-08-21T16:39:01

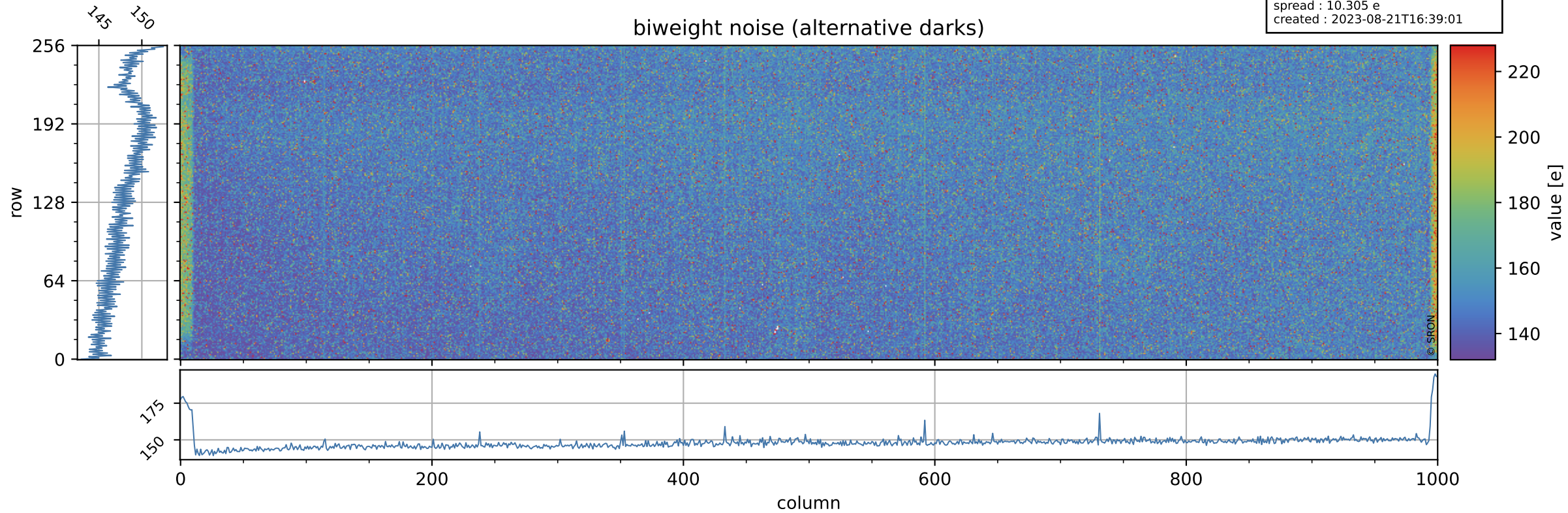
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24697, 24787]
coverage : 2022-07-20 / 2022-07-26
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.305 e
created : 2023-08-21T16:39:01

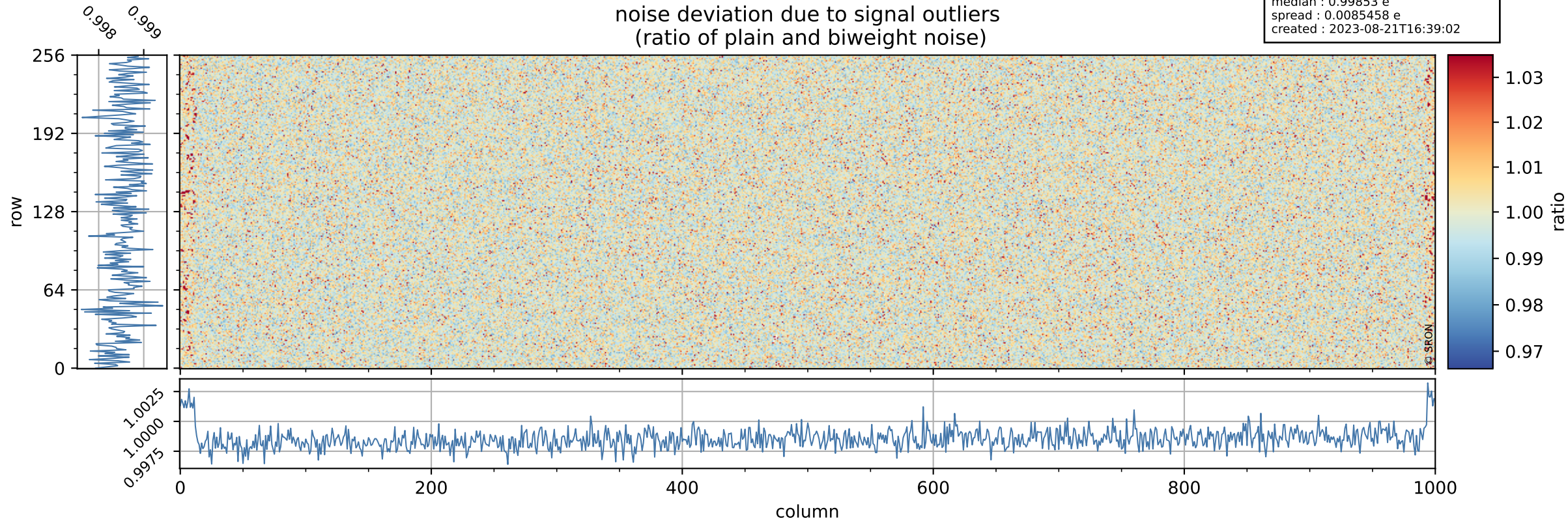
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

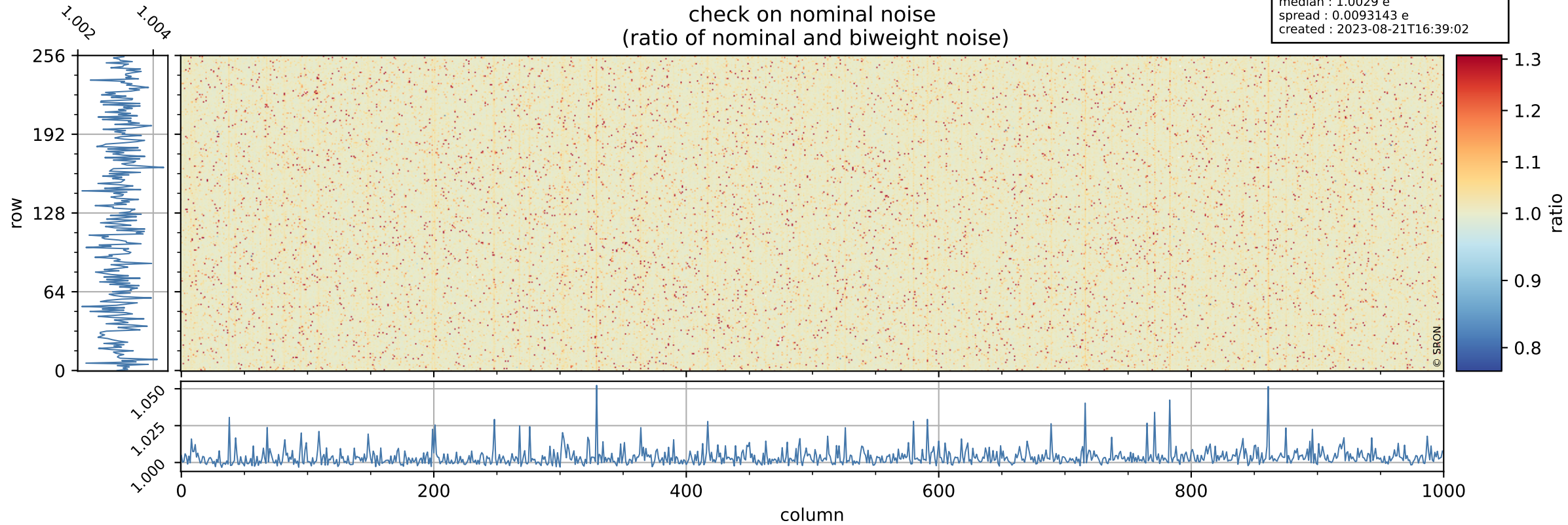
orbits : 12 in [24697, 24787]
coverage : 2022-07-20 / 2022-07-26
median : 0.99853 e
spread : 0.0085458 e
created : 2023-08-21T16:39:02



Tropomi SWIR background noise (swir)

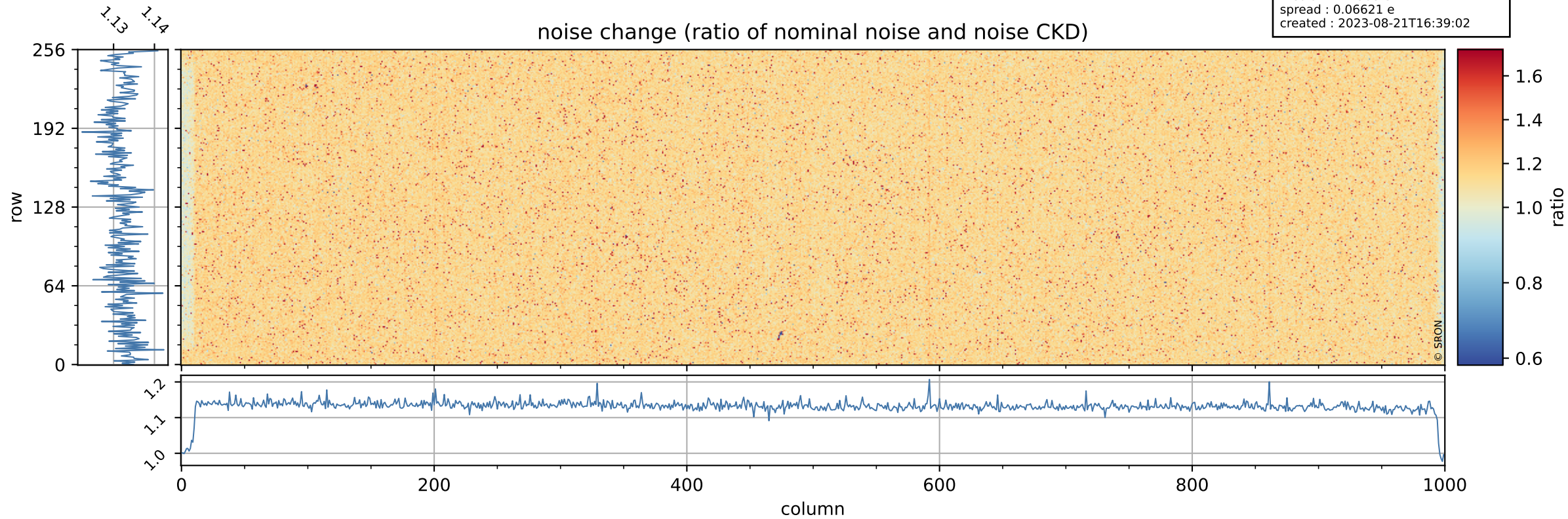
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24697, 24787]
coverage : 2022-07-20 / 2022-07-26
median : 1.0029 e
spread : 0.0093143 e
created : 2023-08-21T16:39:02



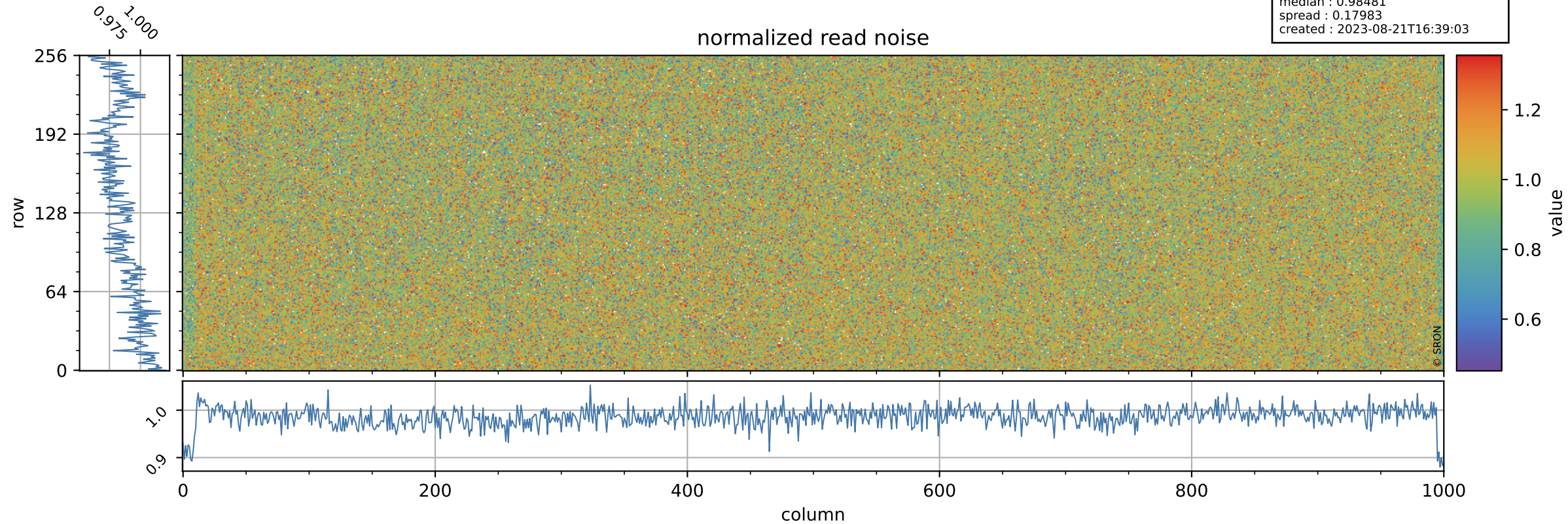
Tropomi SWIR background noise (swir)

orbits : 12 in [24697, 24787]
coverage : 2022-07-20 / 2022-07-26
median : 1.1308 e
spread : 0.06621 e
created : 2023-08-21T16:39:02



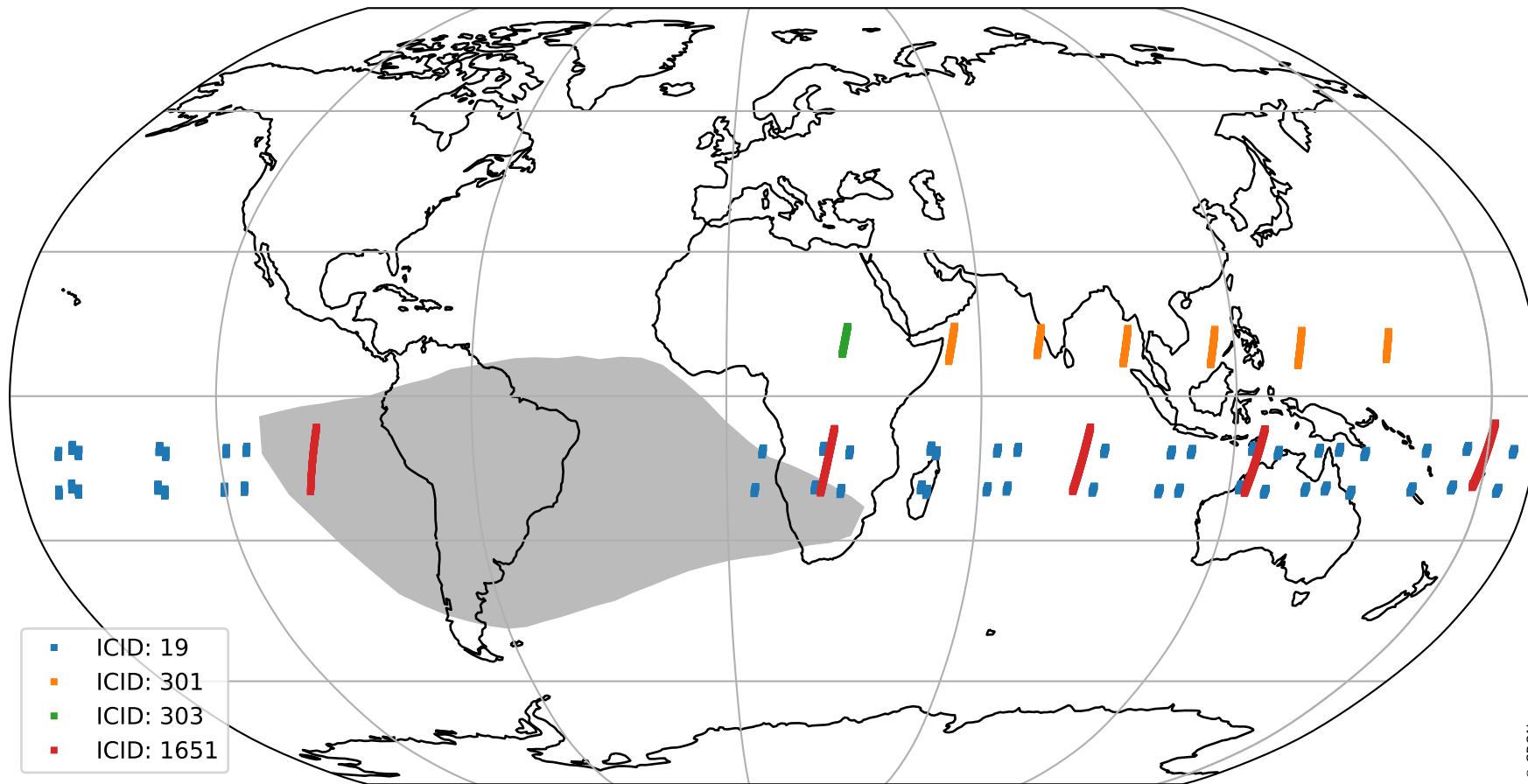
Tropomi SWIR background noise (swir)

orbits : 12 in [24697, 24787]
coverage : 2022-07-20 / 2022-07-26
median : 0.98481
spread : 0.17983
created : 2023-08-21T16:39:03



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

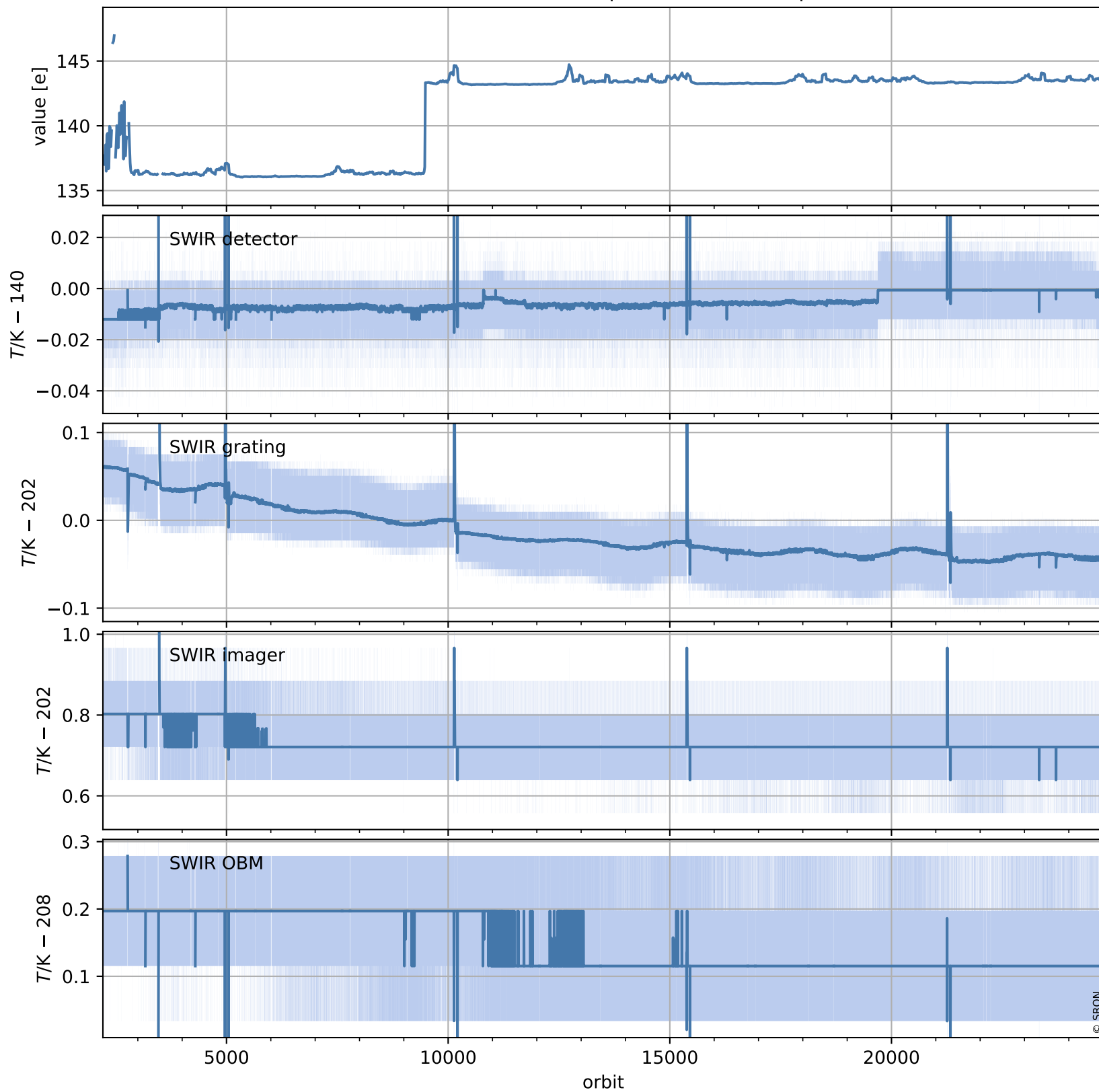
orbits : 12 in [24697, 24787]
coverage : 2022-07-20 / 2022-07-26
created : 2023-08-21T16:39:03



Tropomi SWIR background noise (swir)

orbits : [2212, 24787]
coverage : 2018-03-18 / 2022-07-26
created : 2023-08-21T16:39:03

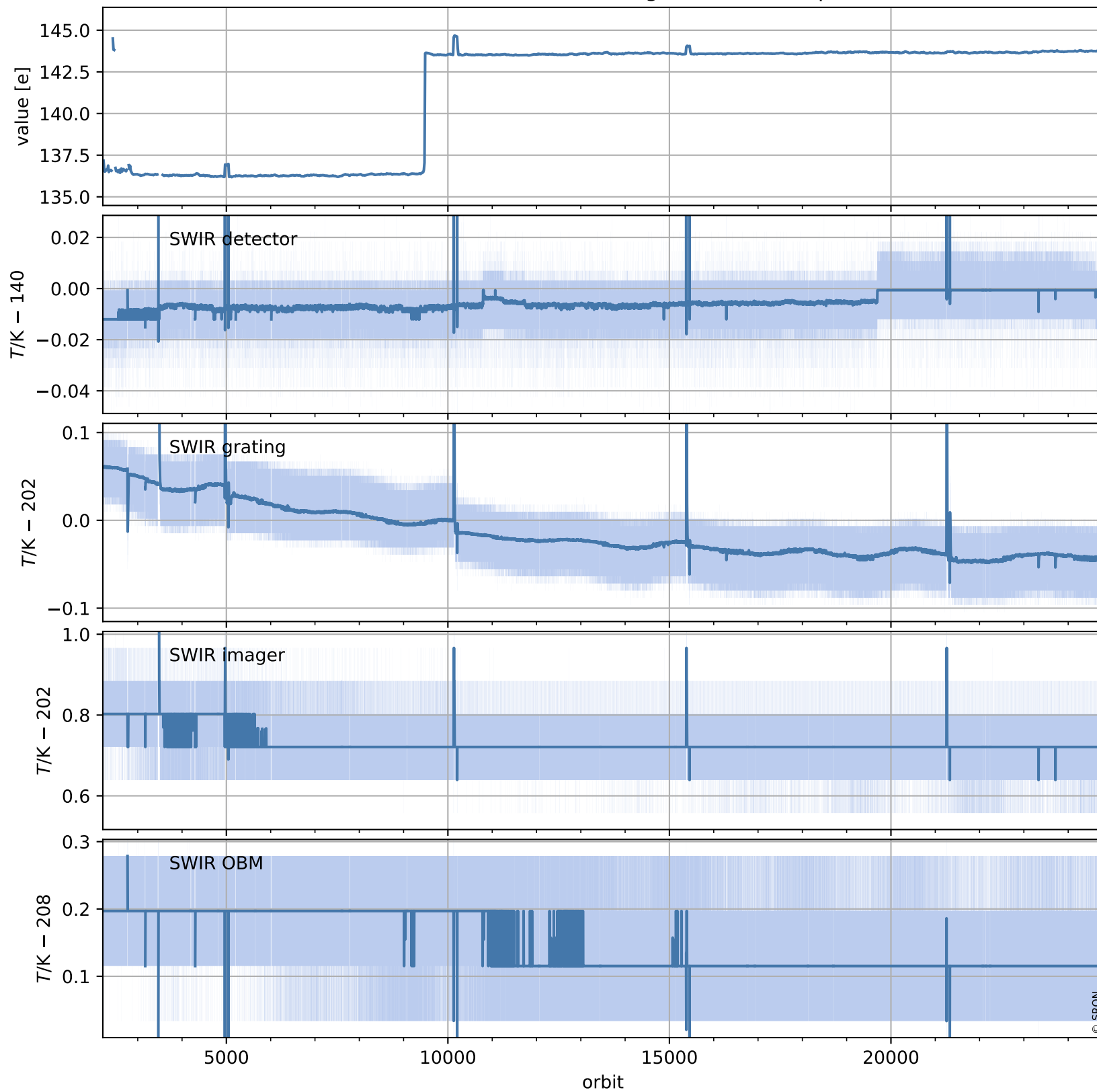
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24787]
coverage : 2018-03-18 / 2022-07-26
created : 2023-08-21T16:39:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24787]
coverage : 2018-03-18 / 2022-07-26
created : 2023-08-21T16:39:05

trend of normalized read-noise & temperatures

