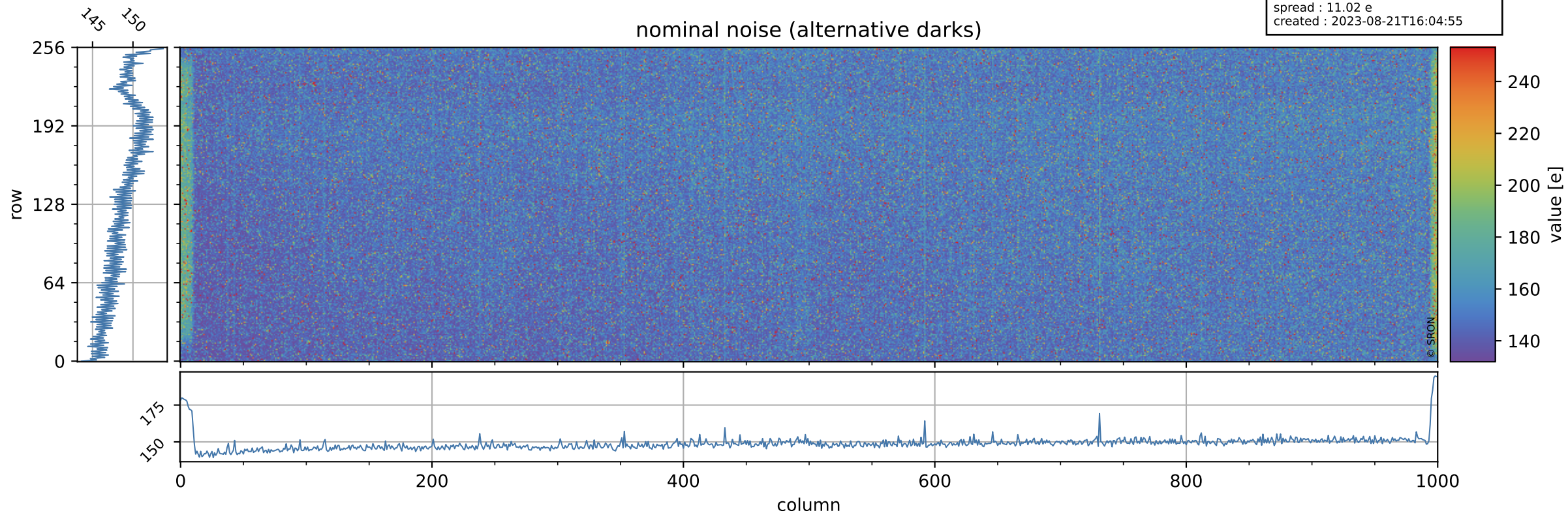


Tropomi SWIR background noise (swir)

orbits : 12 in [19297, 19372]
coverage : 2021-07-03 / 2021-07-09
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 11.02 e
created : 2023-08-21T16:04:55

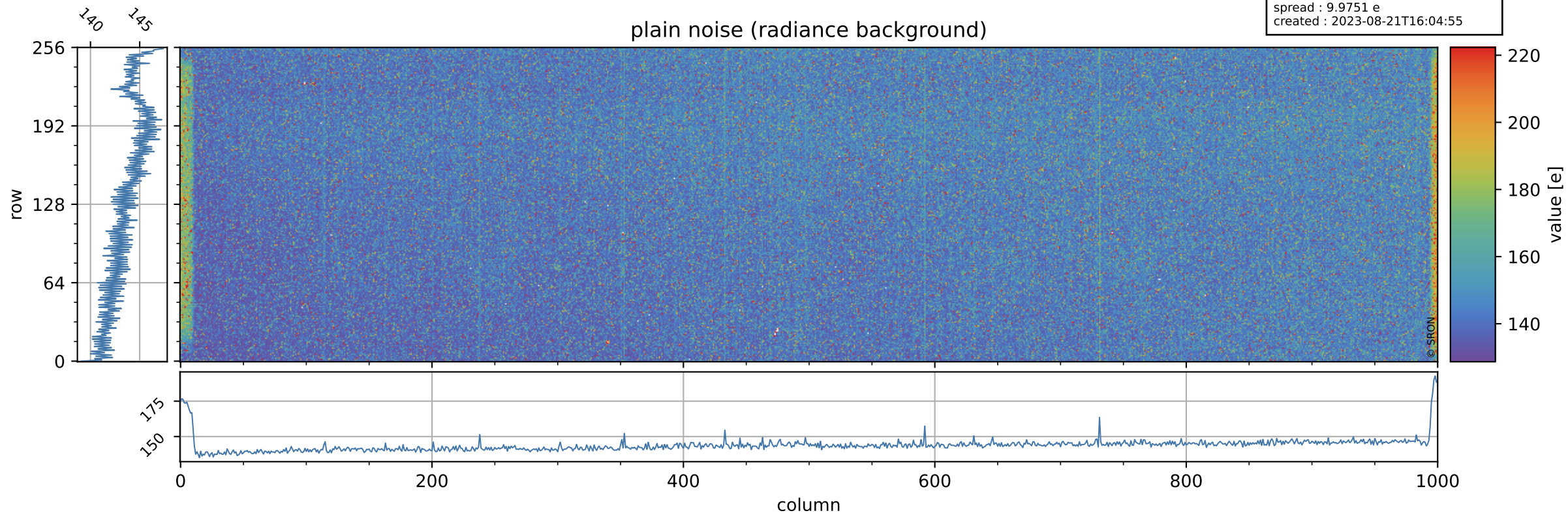
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19297, 19372]
coverage : 2021-07-03 / 2021-07-09
n_coad, t_exp : 1, 0.8383
median : 143.56 e
spread : 9.9751 e
created : 2023-08-21T16:04:55

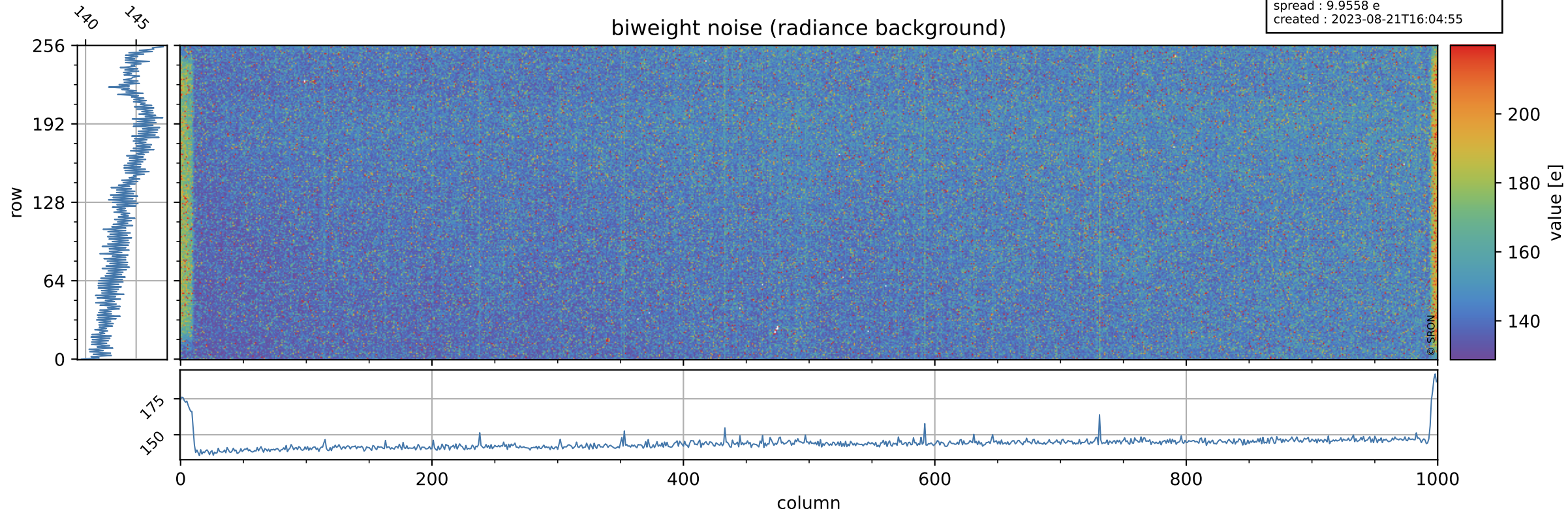
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19297, 19372]
coverage : 2021-07-03 / 2021-07-09
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.9558 e
created : 2023-08-21T16:04:55

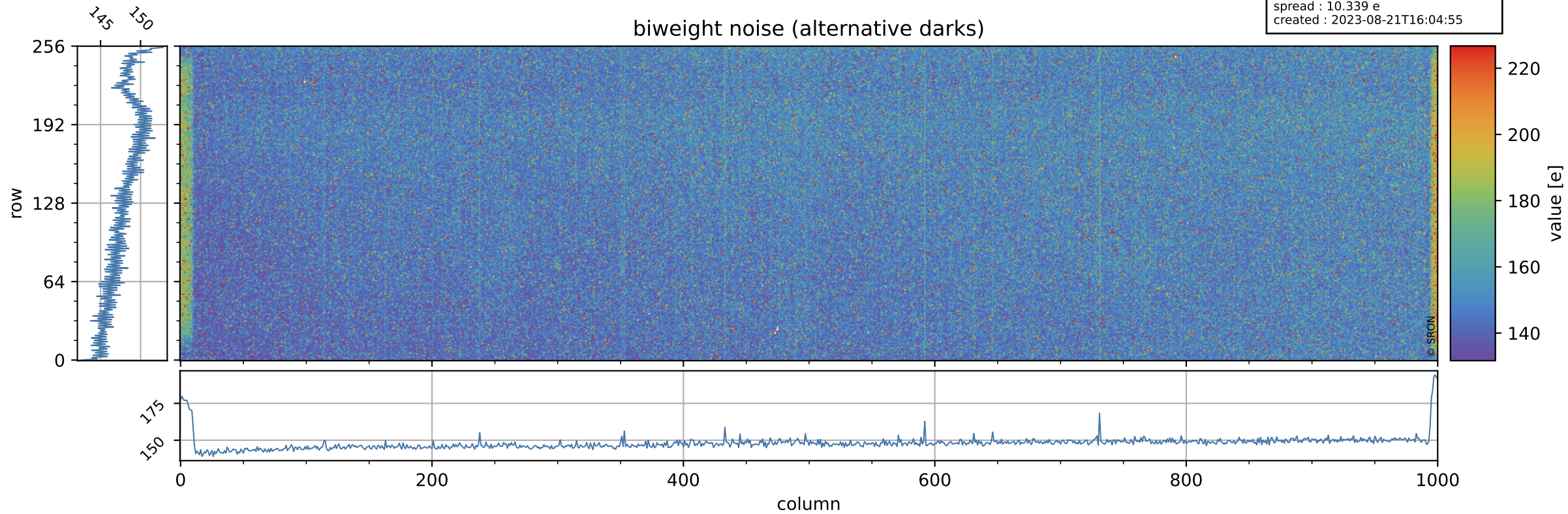
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19297, 19372]
coverage : 2021-07-03 / 2021-07-09
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.339 e
created : 2023-08-21T16:04:55

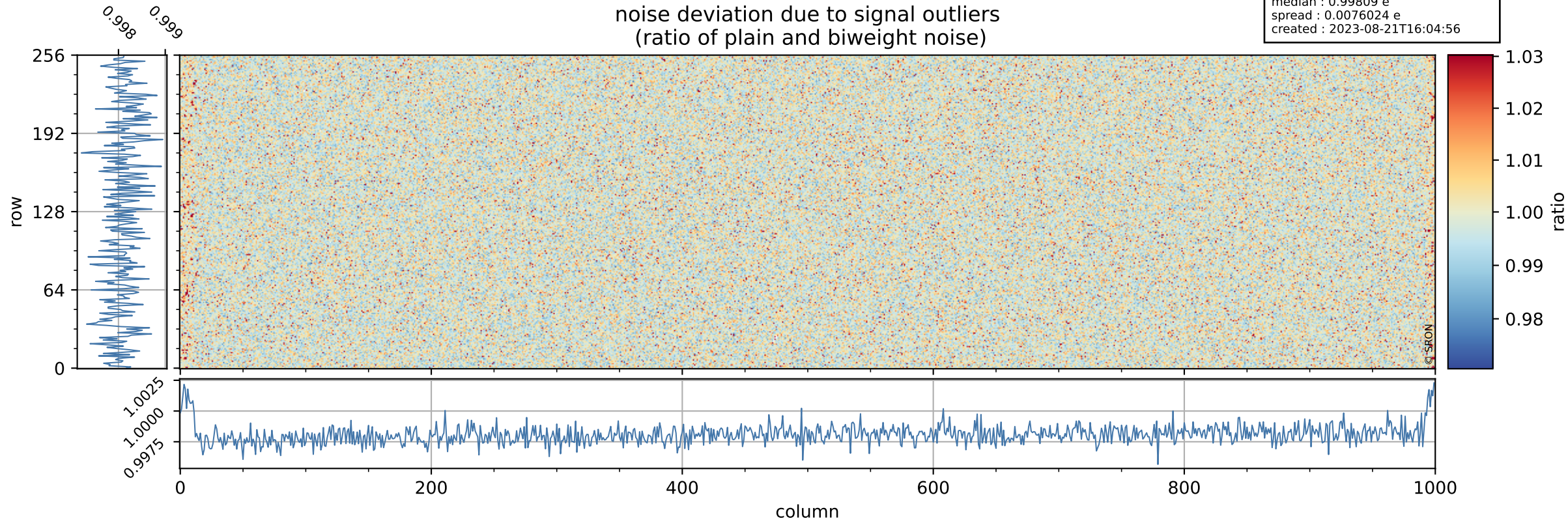
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

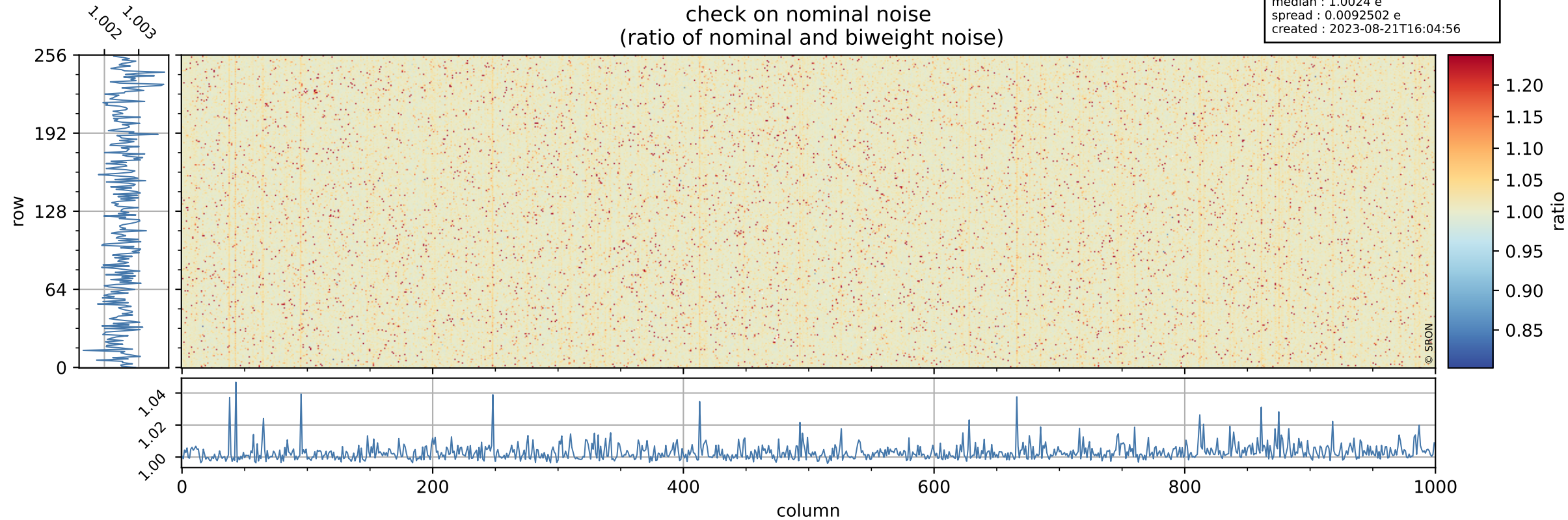
orbits : 12 in [19297, 19372]
coverage : 2021-07-03 / 2021-07-09
median : 0.99809 e
spread : 0.0076024 e
created : 2023-08-21T16:04:56



Tropomi SWIR background noise (swir)

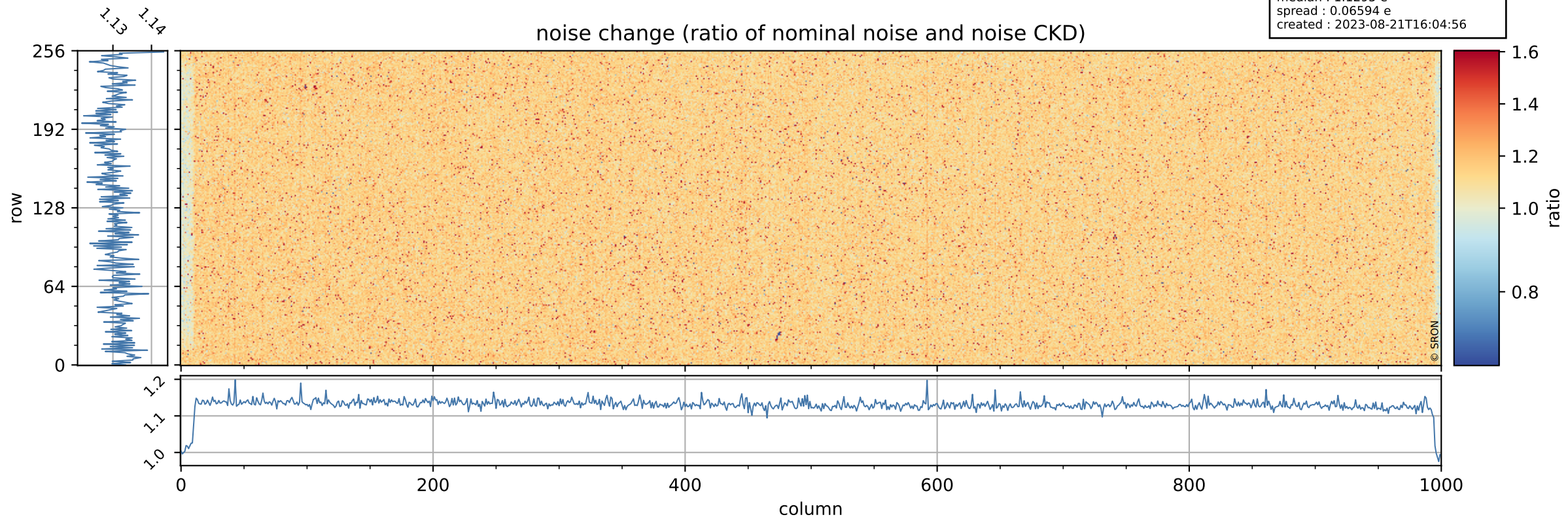
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19297, 19372]
coverage : 2021-07-03 / 2021-07-09
median : 1.0024 e
spread : 0.0092502 e
created : 2023-08-21T16:04:56



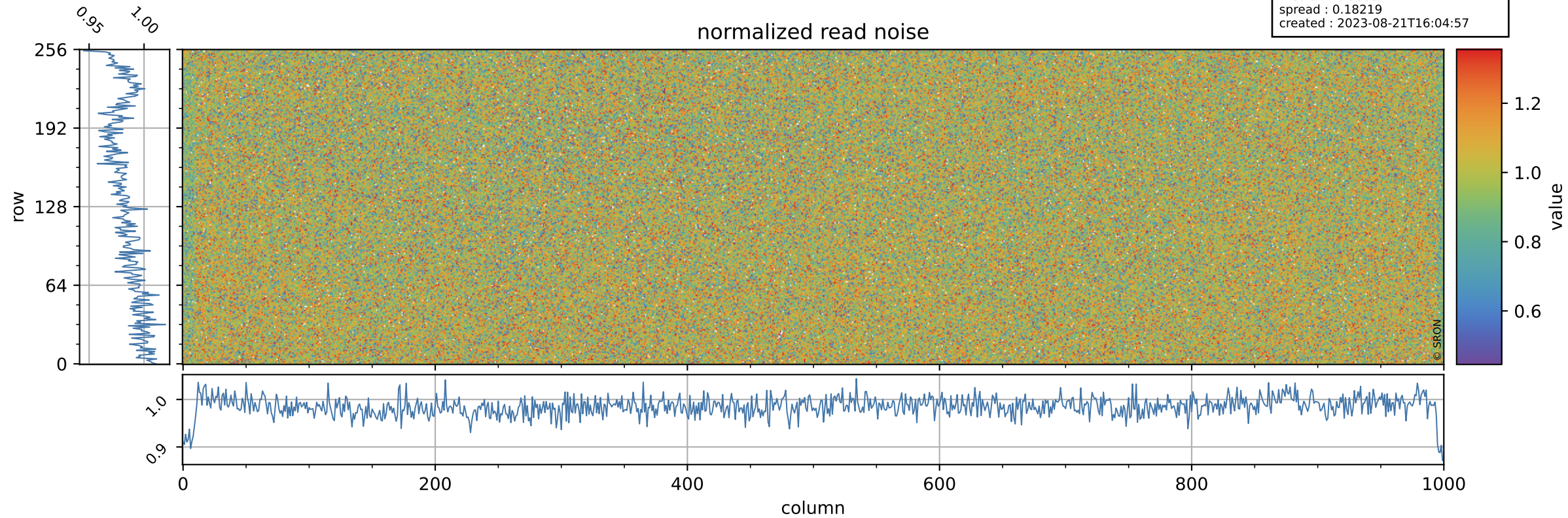
Tropomi SWIR background noise (swir)

orbits : 12 in [19297, 19372]
coverage : 2021-07-03 / 2021-07-09
median : 1.1295 e
spread : 0.06594 e
created : 2023-08-21T16:04:56



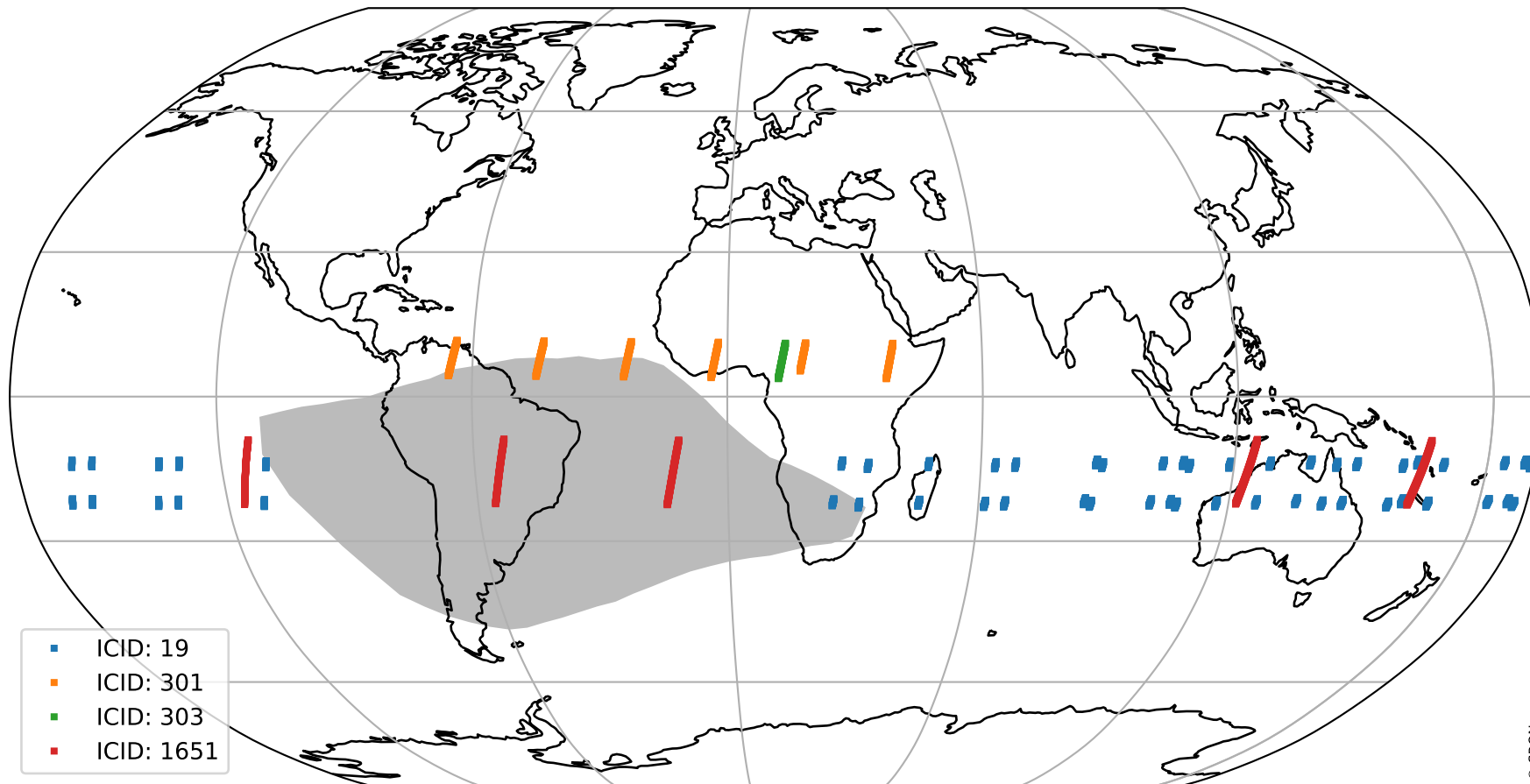
Tropomi SWIR background noise (swir)

orbits : 12 in [19297, 19372]
coverage : 2021-07-03 / 2021-07-09
median : 0.98352
spread : 0.18219
created : 2023-08-21T16:04:57



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

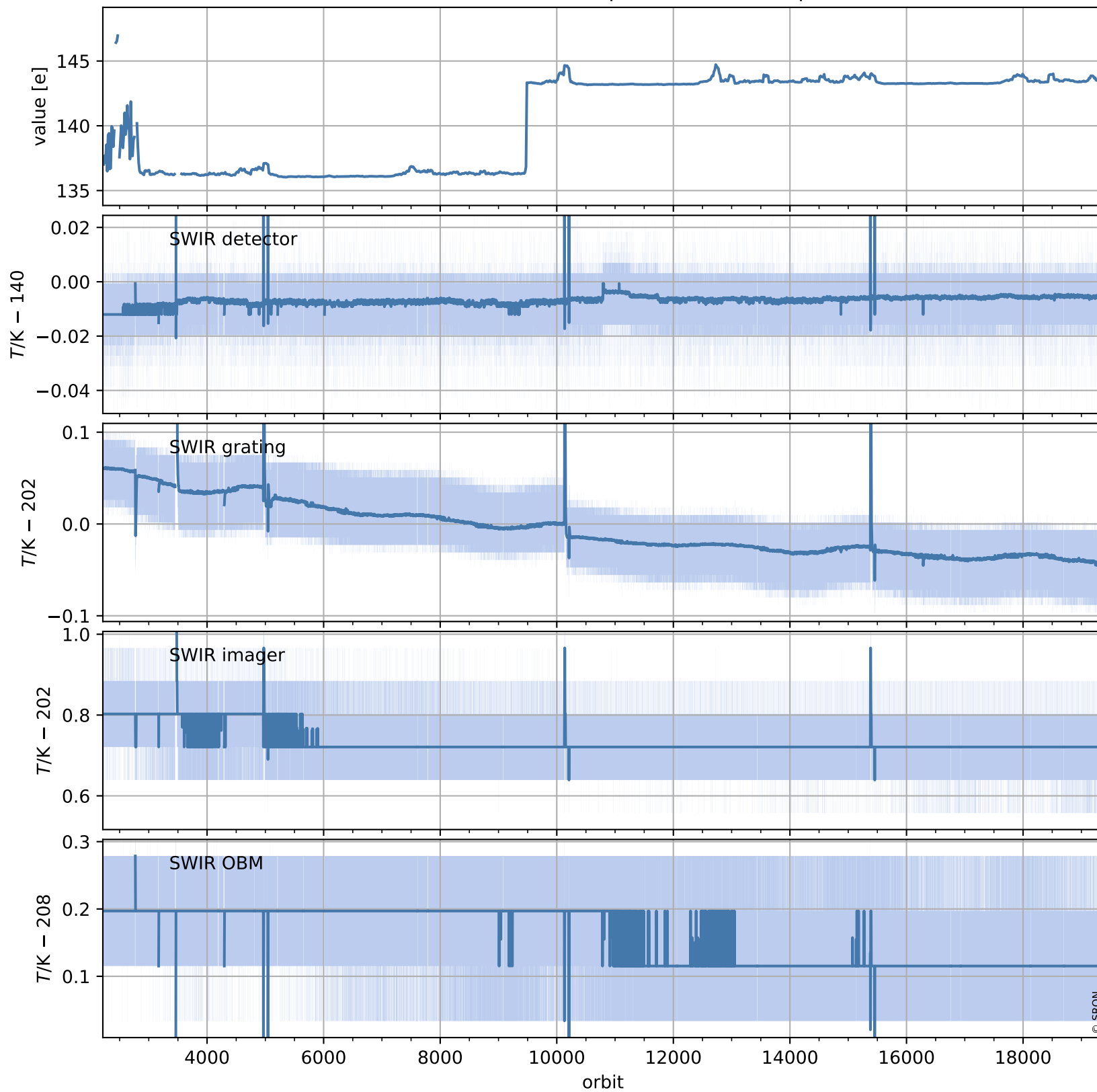
orbits : 12 in [19297, 19372]
coverage : 2021-07-03 / 2021-07-09
created : 2023-08-21T16:04:57



Tropomi SWIR background noise (swir)

orbits : [2212, 19372]
coverage : 2018-03-18 / 2021-07-09
created : 2023-08-21T16:04:57

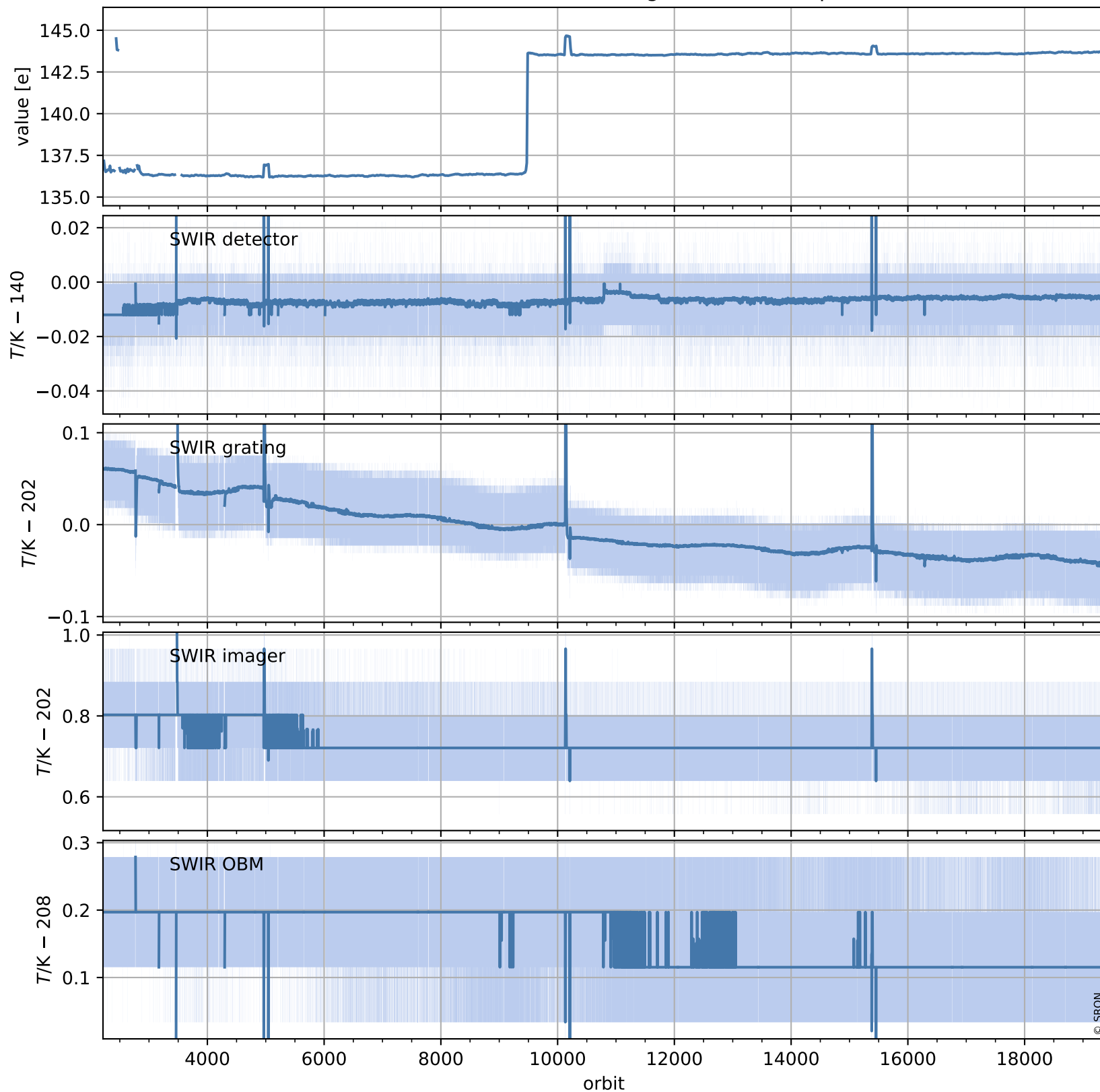
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19372]
coverage : 2018-03-18 / 2021-07-09
created : 2023-08-21T16:04:58

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19372]
coverage : 2018-03-18 / 2021-07-09
created : 2023-08-21T16:04:59

trend of normalized read-noise & temperatures

