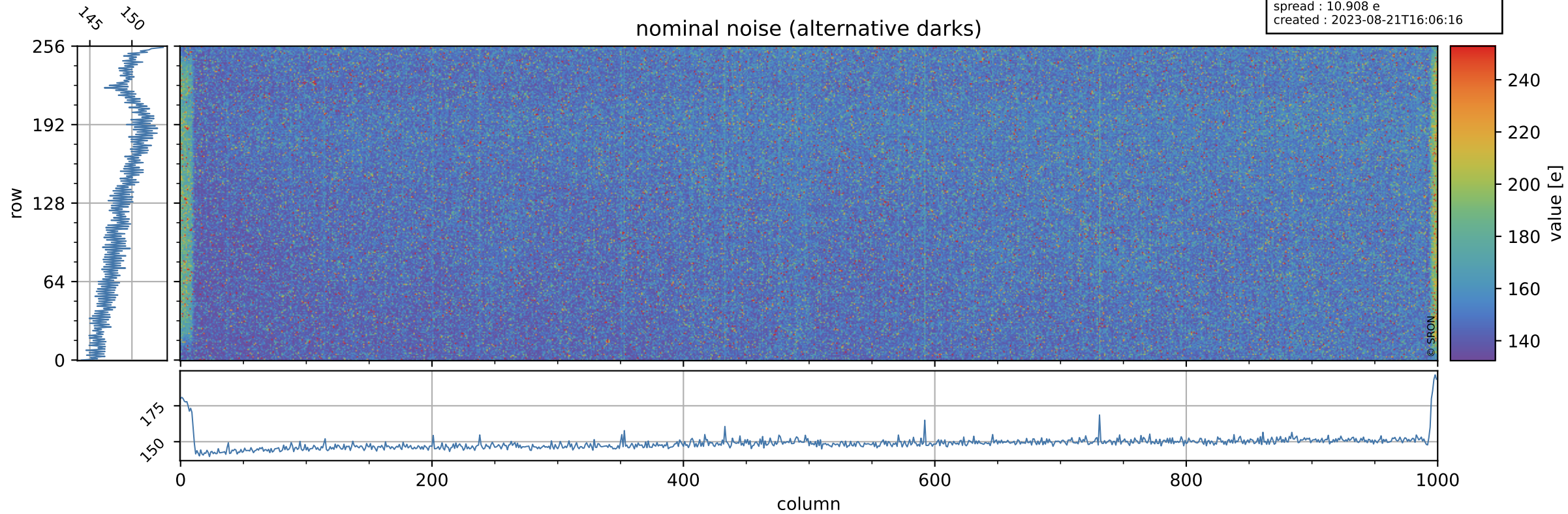


Tropomi SWIR background noise (swir)

orbits : 12 in [19507, 19597]
coverage : 2021-07-19 / 2021-07-25
n_coad, t_exp : 1, 1.0783
median : 148.73 e
spread : 10.908 e
created : 2023-08-21T16:06:16

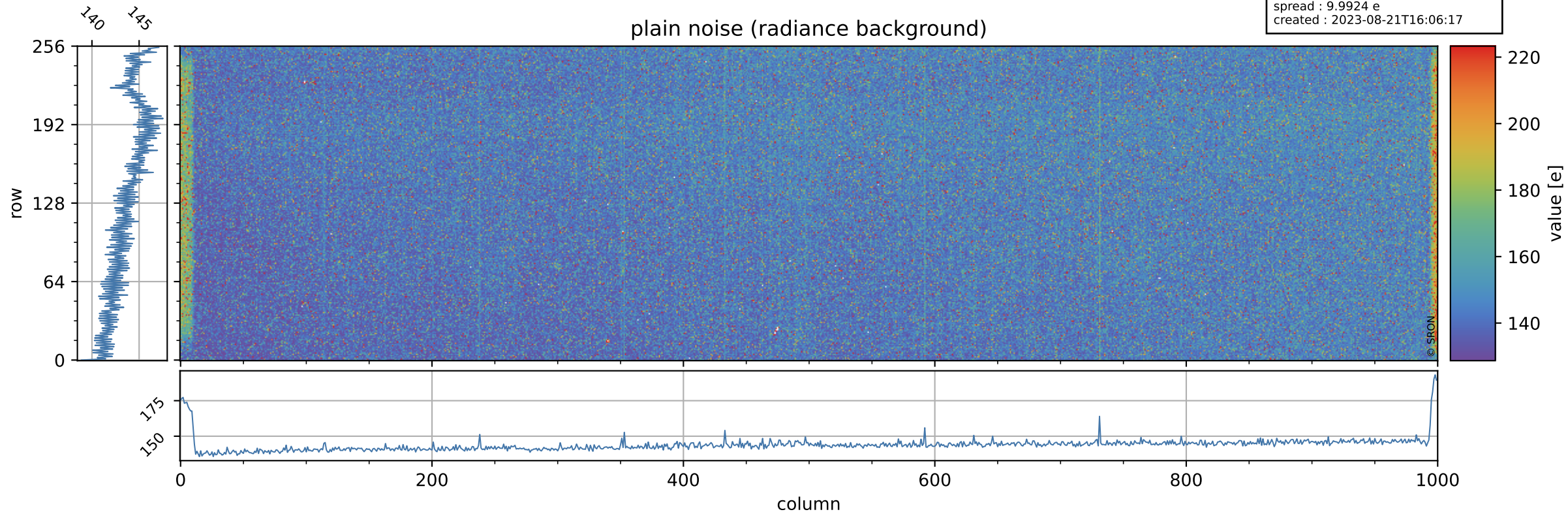
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19507, 19597]
coverage : 2021-07-19 / 2021-07-25
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.9924 e
created : 2023-08-21T16:06:17

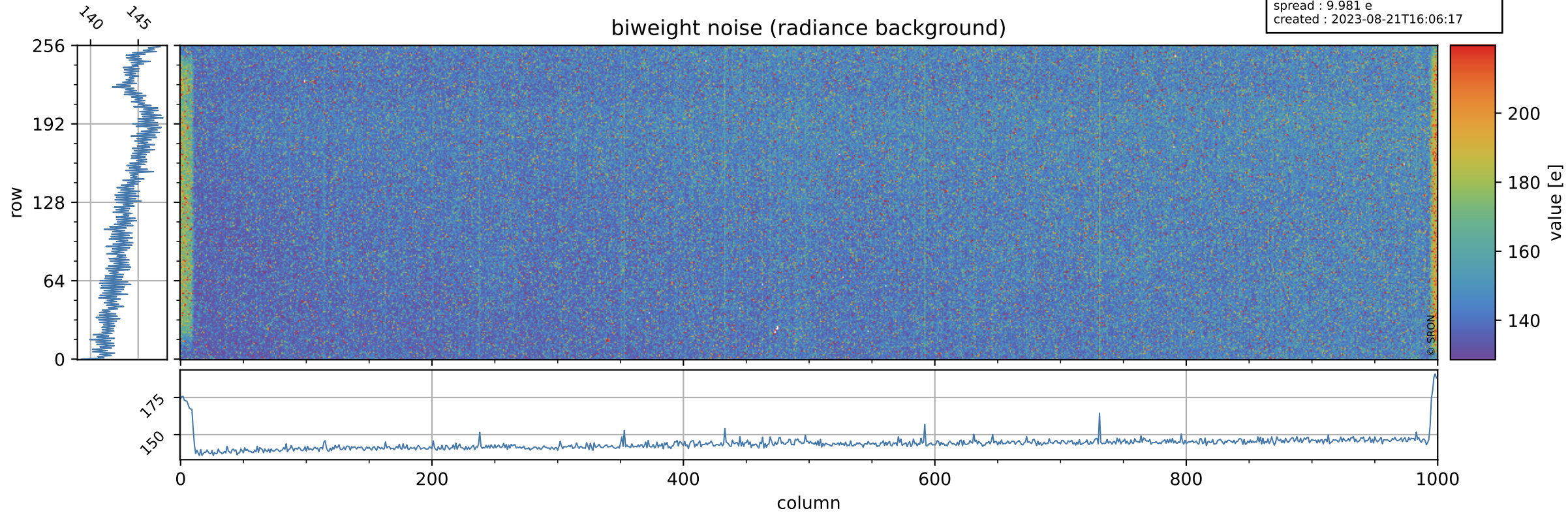
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19507, 19597]
coverage : 2021-07-19 / 2021-07-25
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.981 e
created : 2023-08-21T16:06:17

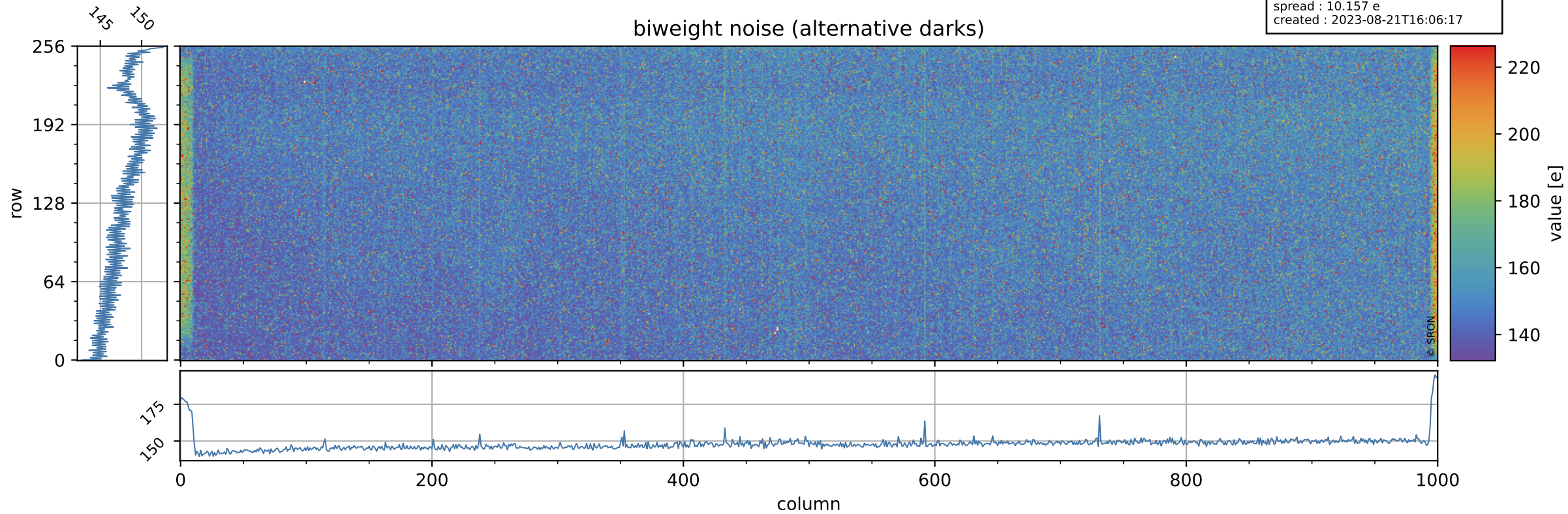
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19507, 19597]
coverage : 2021-07-19 / 2021-07-25
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.157 e
created : 2023-08-21T16:06:17

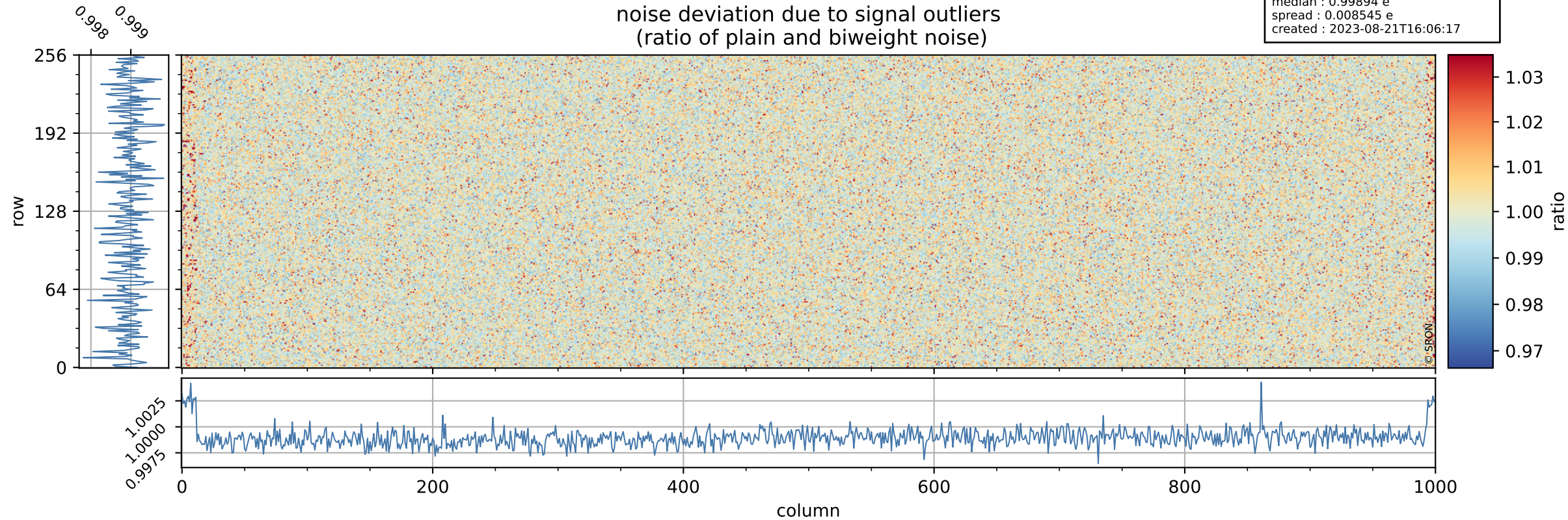
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

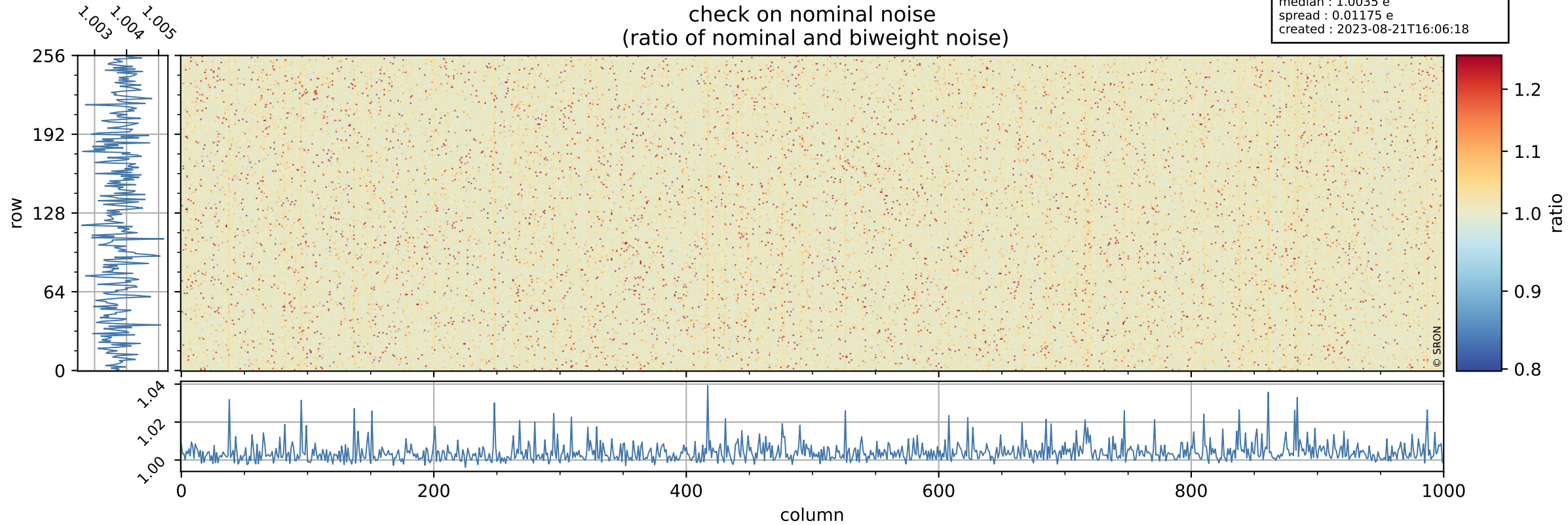
orbits : 12 in [19507, 19597]
coverage : 2021-07-19 / 2021-07-25
median : 0.99894 e
spread : 0.008545 e
created : 2023-08-21T16:06:17



Tropomi SWIR background noise (swir)

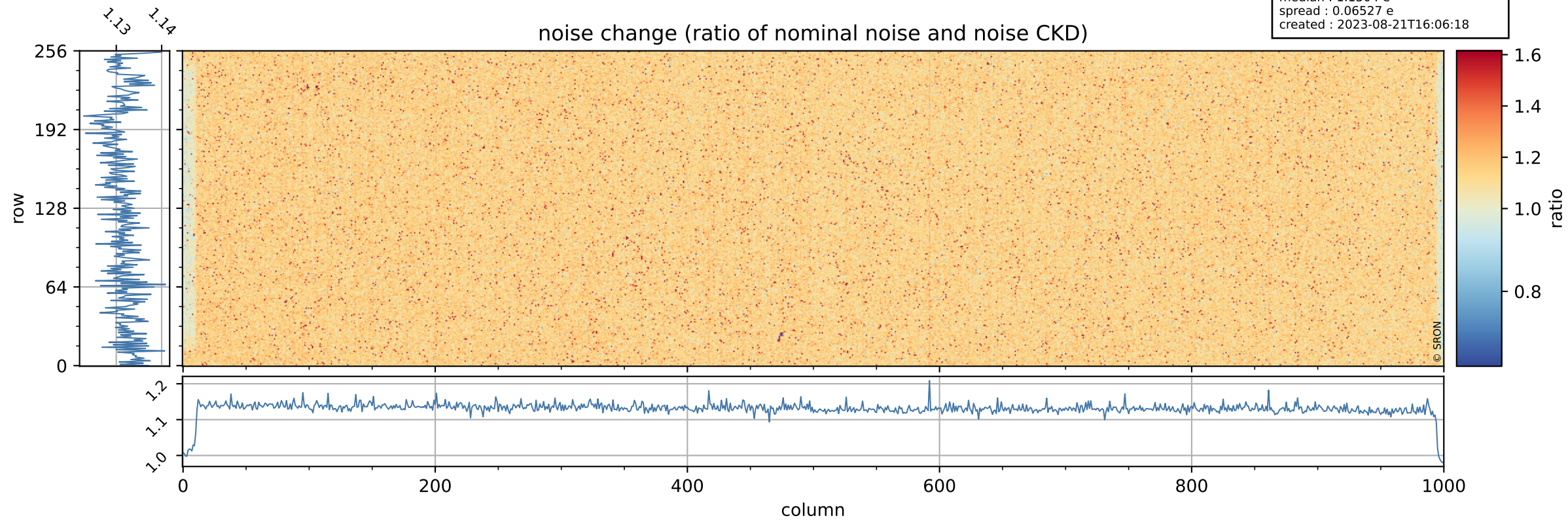
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19507, 19597]
coverage : 2021-07-19 / 2021-07-25
median : 1.0035 e
spread : 0.01175 e
created : 2023-08-21T16:06:18



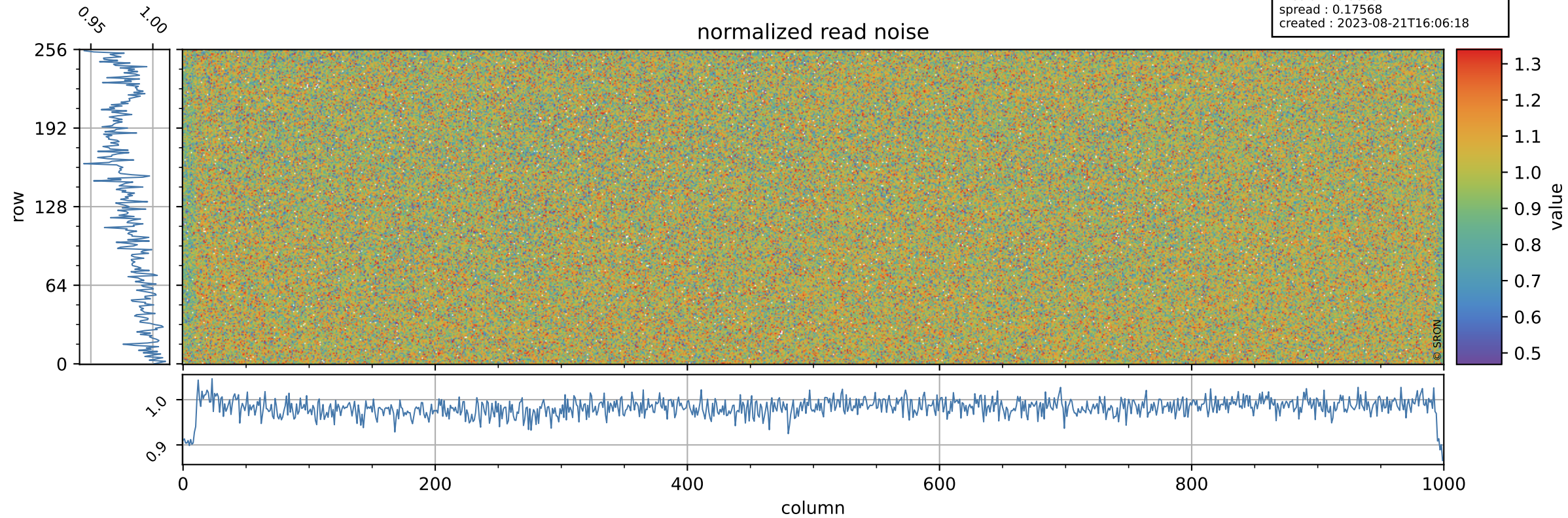
Tropomi SWIR background noise (swir)

orbits : 12 in [19507, 19597]
coverage : 2021-07-19 / 2021-07-25
median : 1.1304 e
spread : 0.06527 e
created : 2023-08-21T16:06:18



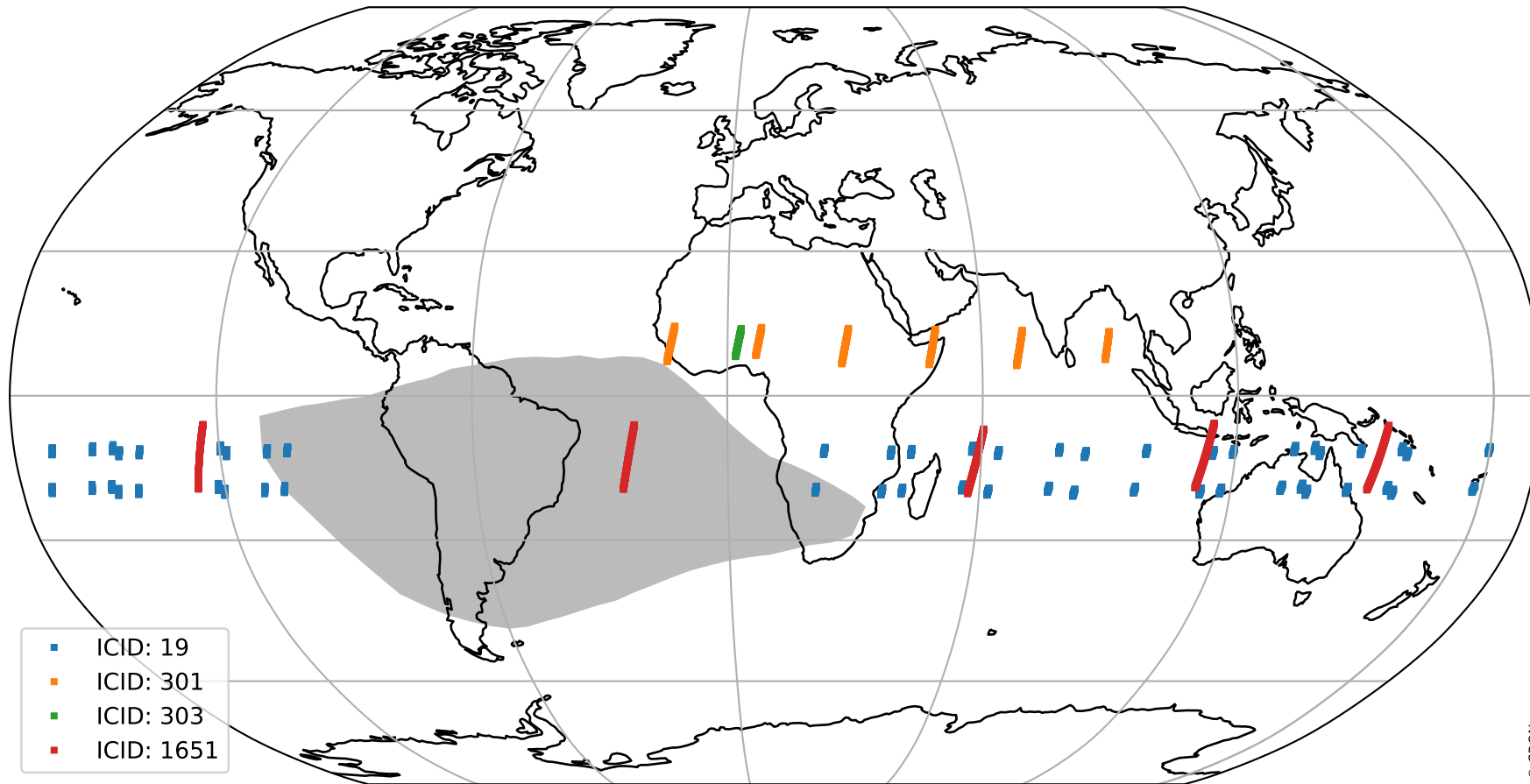
Tropomi SWIR background noise (swir)

orbits : 12 in [19507, 19597]
coverage : 2021-07-19 / 2021-07-25
median : 0.9805
spread : 0.17568
created : 2023-08-21T16:06:18



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

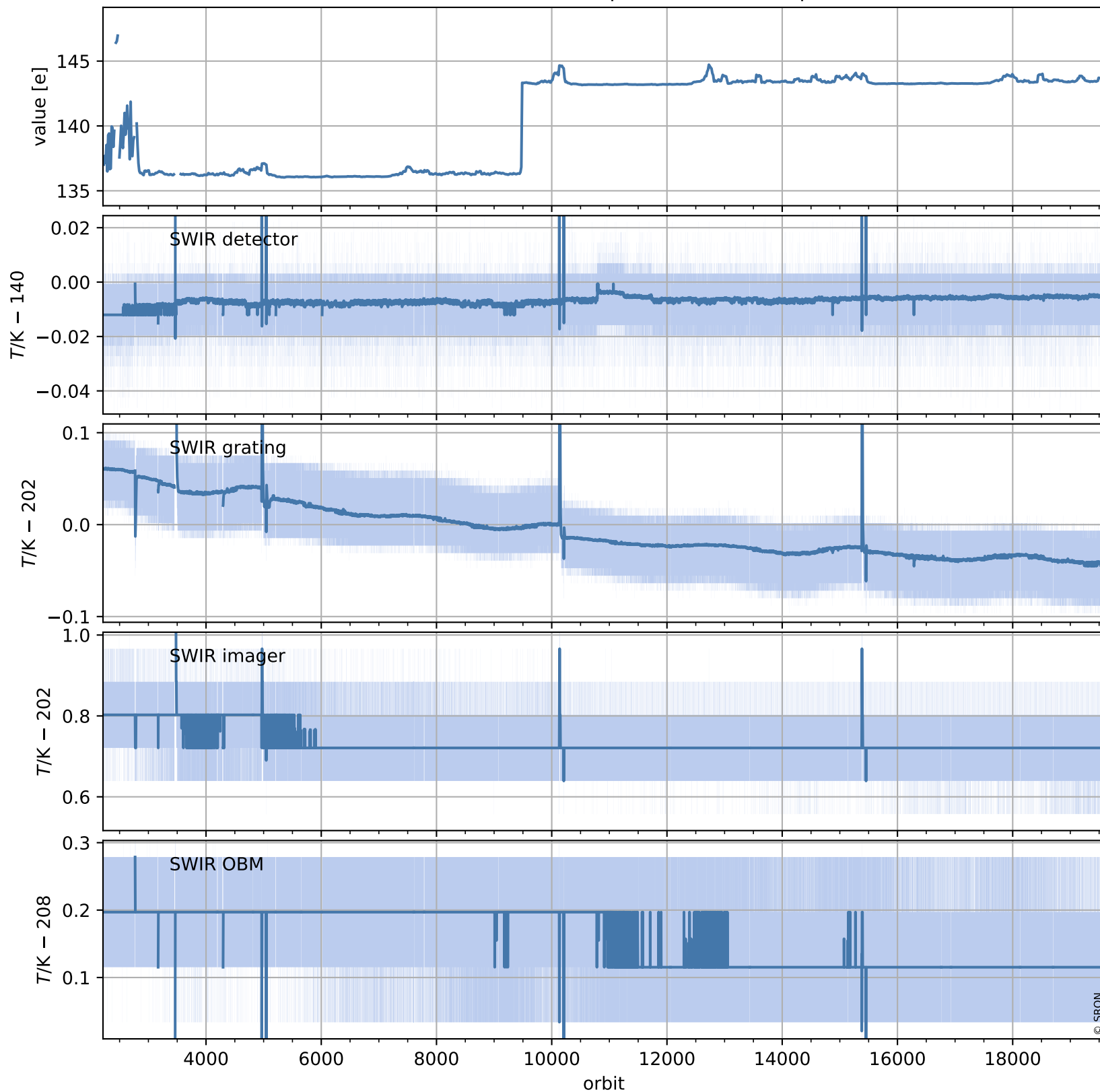
orbits : 12 in [19507, 19597]
coverage : 2021-07-19 / 2021-07-25
created : 2023-08-21T16:06:18



Tropomi SWIR background noise (swir)

orbits : [2212, 19597]
coverage : 2018-03-18 / 2021-07-25
created : 2023-08-21T16:06:19

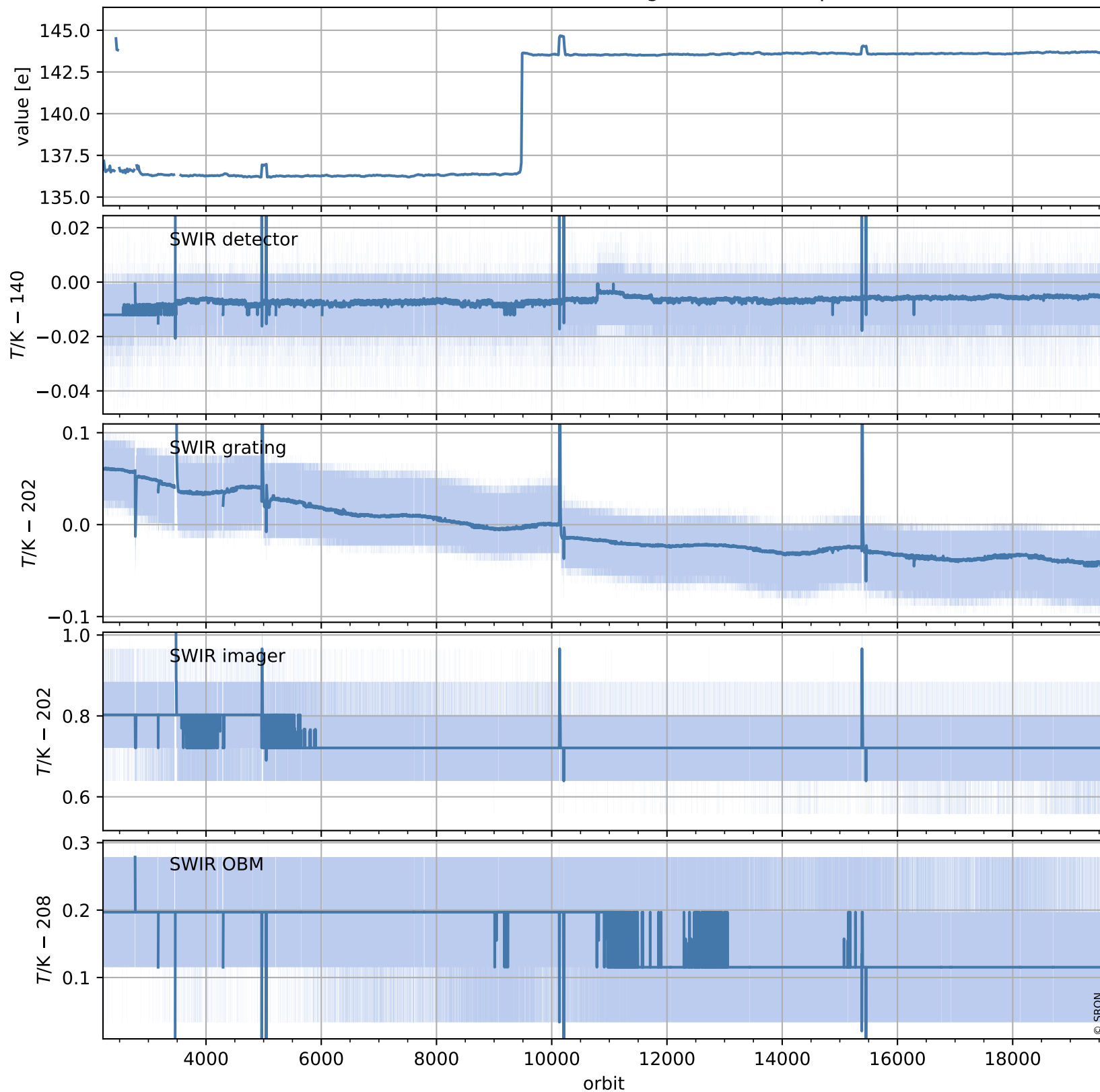
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19597]
coverage : 2018-03-18 / 2021-07-25
created : 2023-08-21T16:06:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19597]
coverage : 2018-03-18 / 2021-07-25
created : 2023-08-21T16:06:20

trend of normalized read-noise & temperatures

