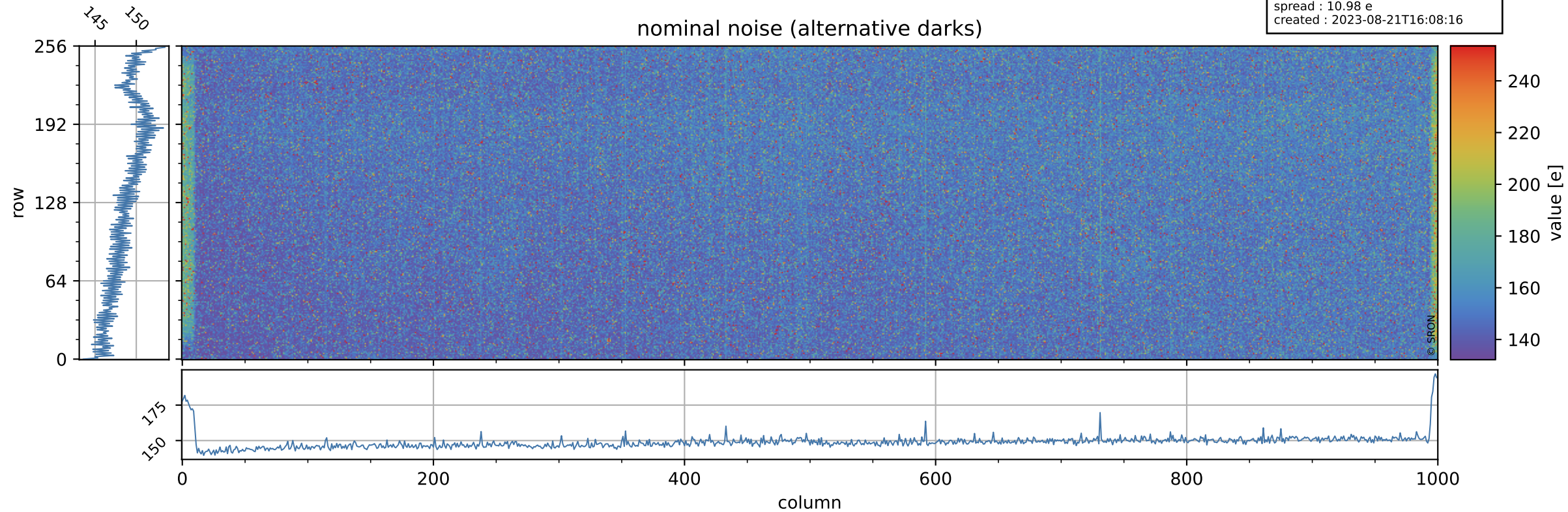


Tropomi SWIR background noise (swir)

orbits : 12 in [19837, 19927]
coverage : 2021-08-12 / 2021-08-18
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.98 e
created : 2023-08-21T16:08:16

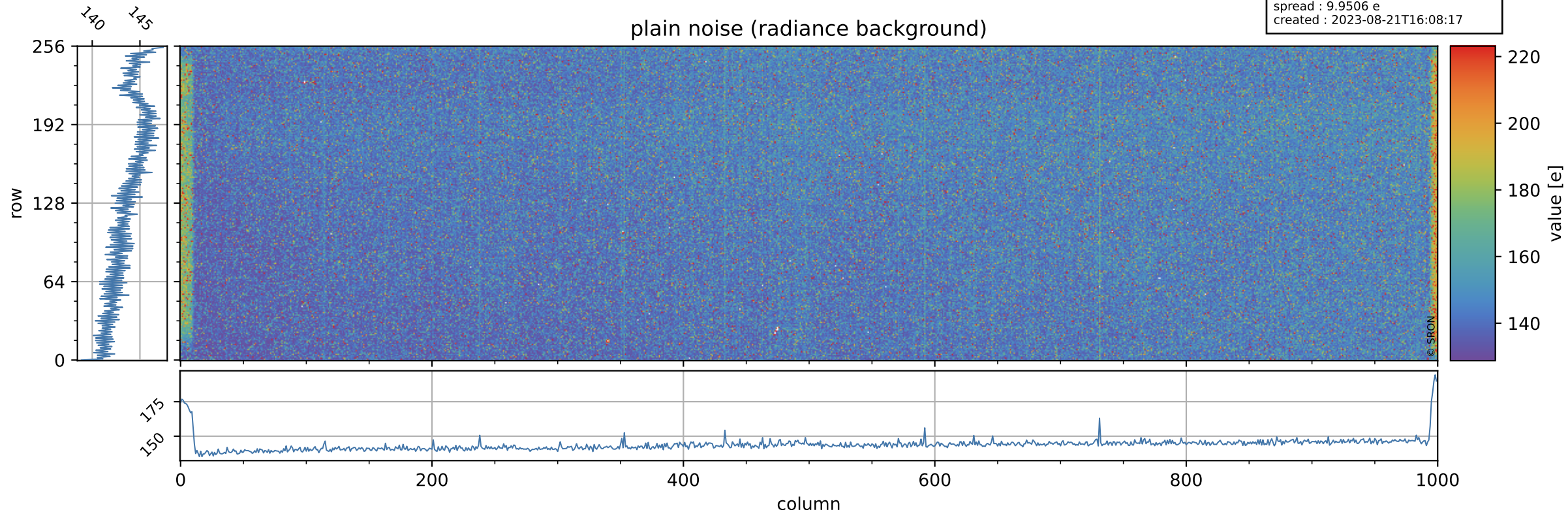
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19837, 19927]
coverage : 2021-08-12 / 2021-08-18
n_coad, t_exp : 1, 0.8383
median : 143.59 e
spread : 9.9506 e
created : 2023-08-21T16:08:17

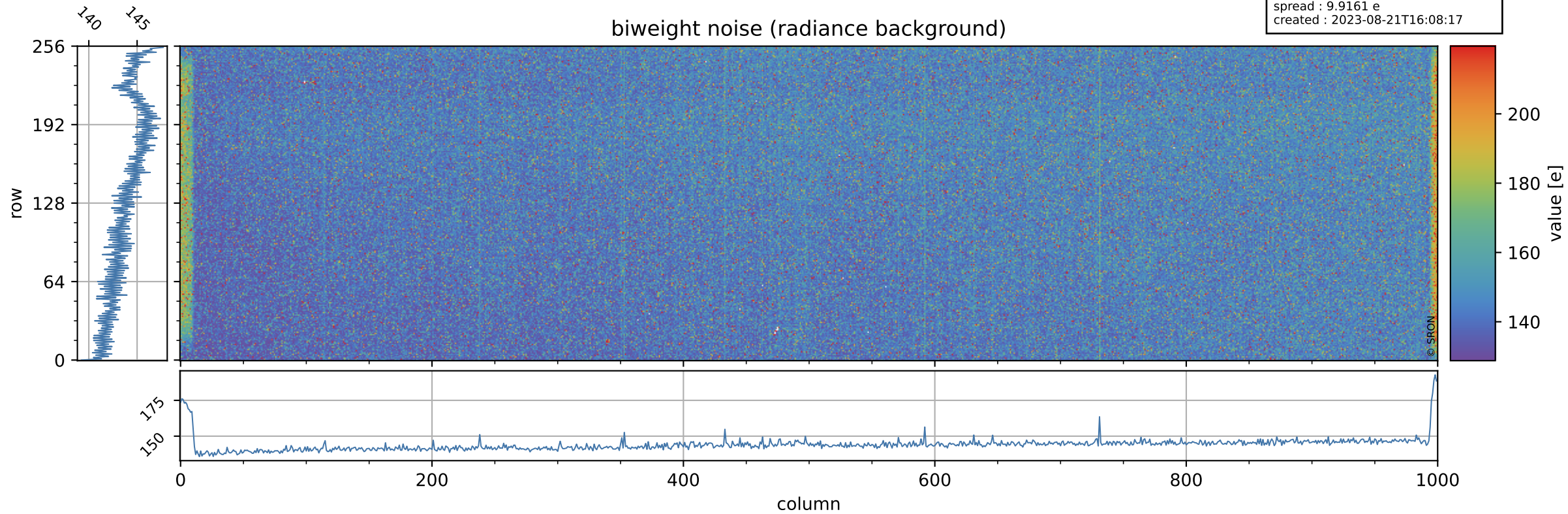
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19837, 19927]
coverage : 2021-08-12 / 2021-08-18
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.9161 e
created : 2023-08-21T16:08:17

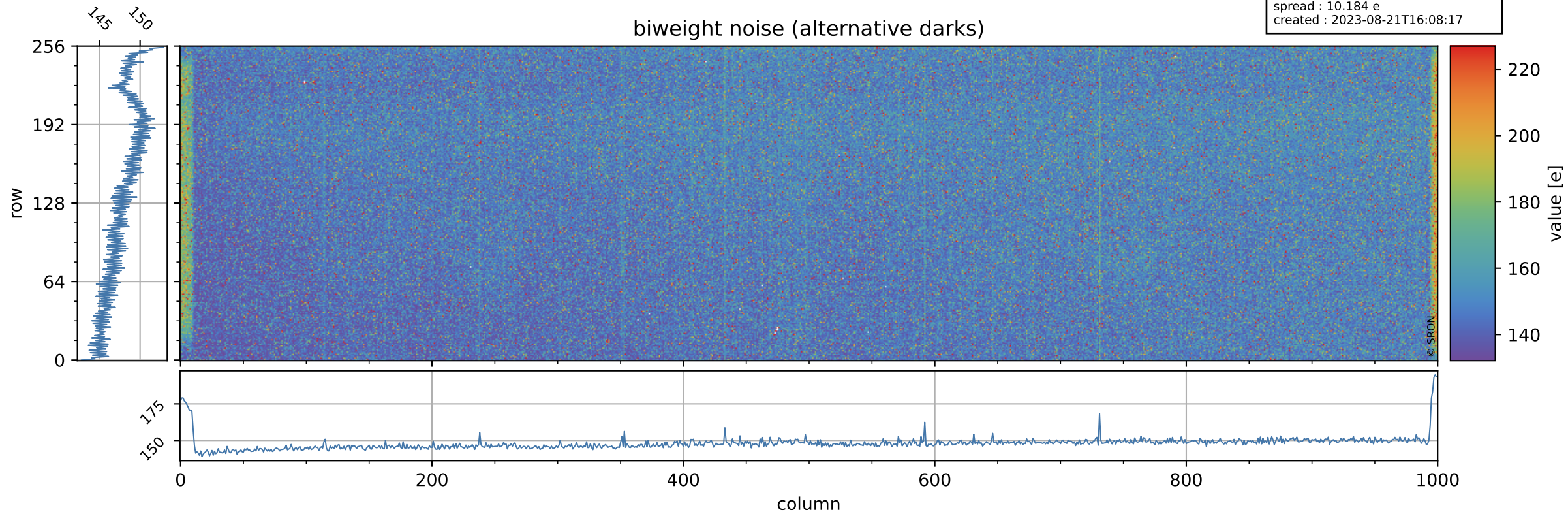
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19837, 19927]
coverage : 2021-08-12 / 2021-08-18
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.184 e
created : 2023-08-21T16:08:17

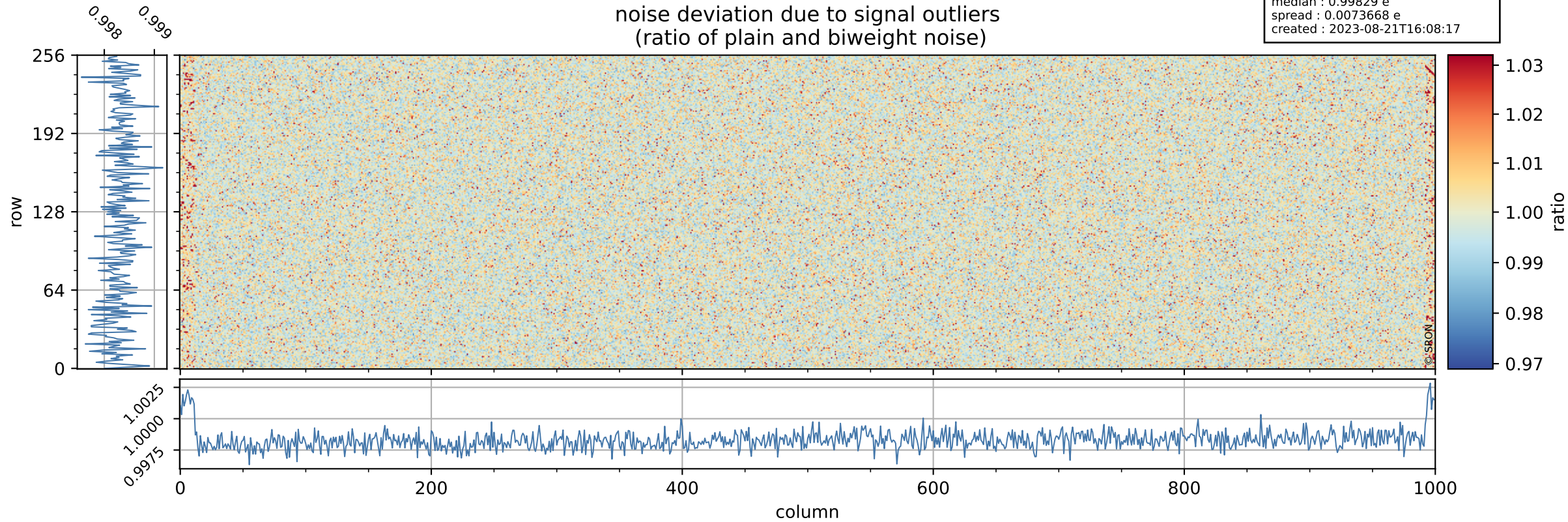
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

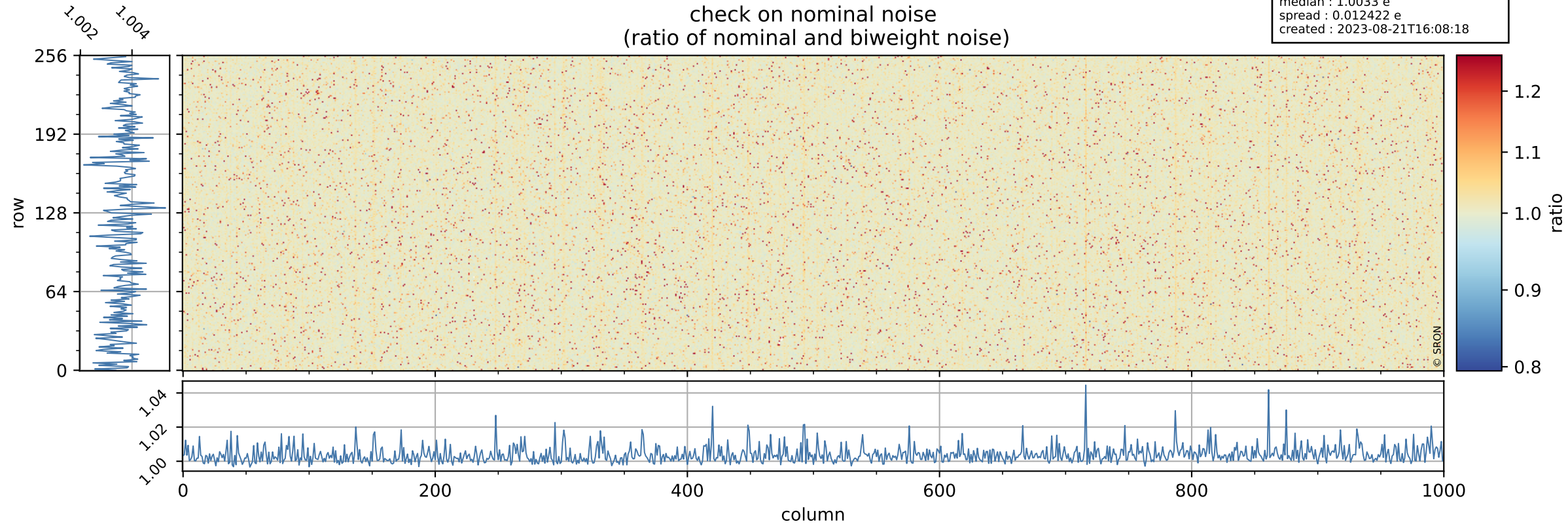
orbits : 12 in [19837, 19927]
coverage : 2021-08-12 / 2021-08-18
median : 0.99829 e
spread : 0.0073668 e
created : 2023-08-21T16:08:17



Tropomi SWIR background noise (swir)

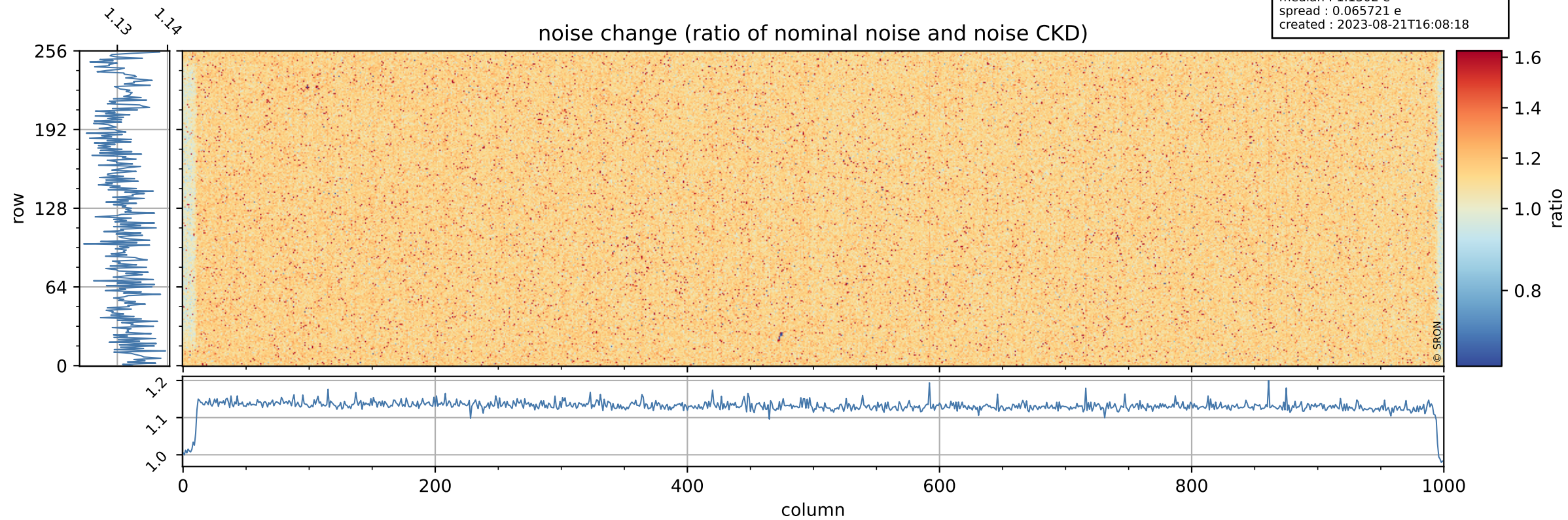
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19837, 19927]
coverage : 2021-08-12 / 2021-08-18
median : 1.0033 e
spread : 0.012422 e
created : 2023-08-21T16:08:18



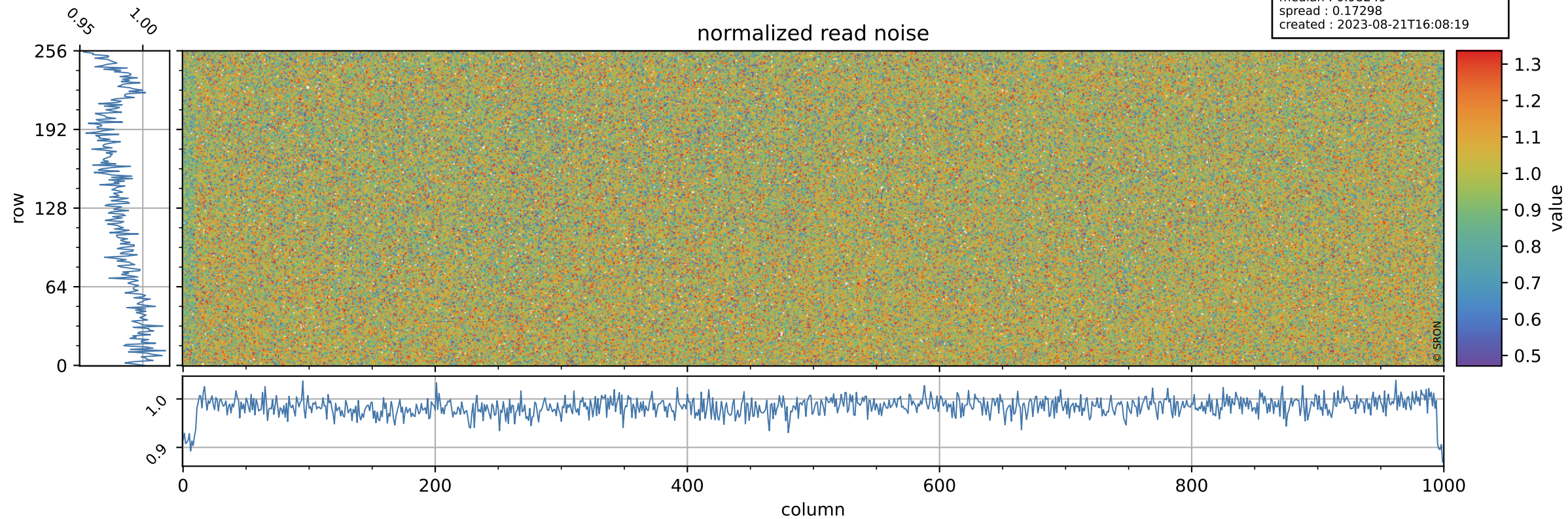
Tropomi SWIR background noise (swir)

orbits : 12 in [19837, 19927]
coverage : 2021-08-12 / 2021-08-18
median : 1.1302 e
spread : 0.065721 e
created : 2023-08-21T16:08:18



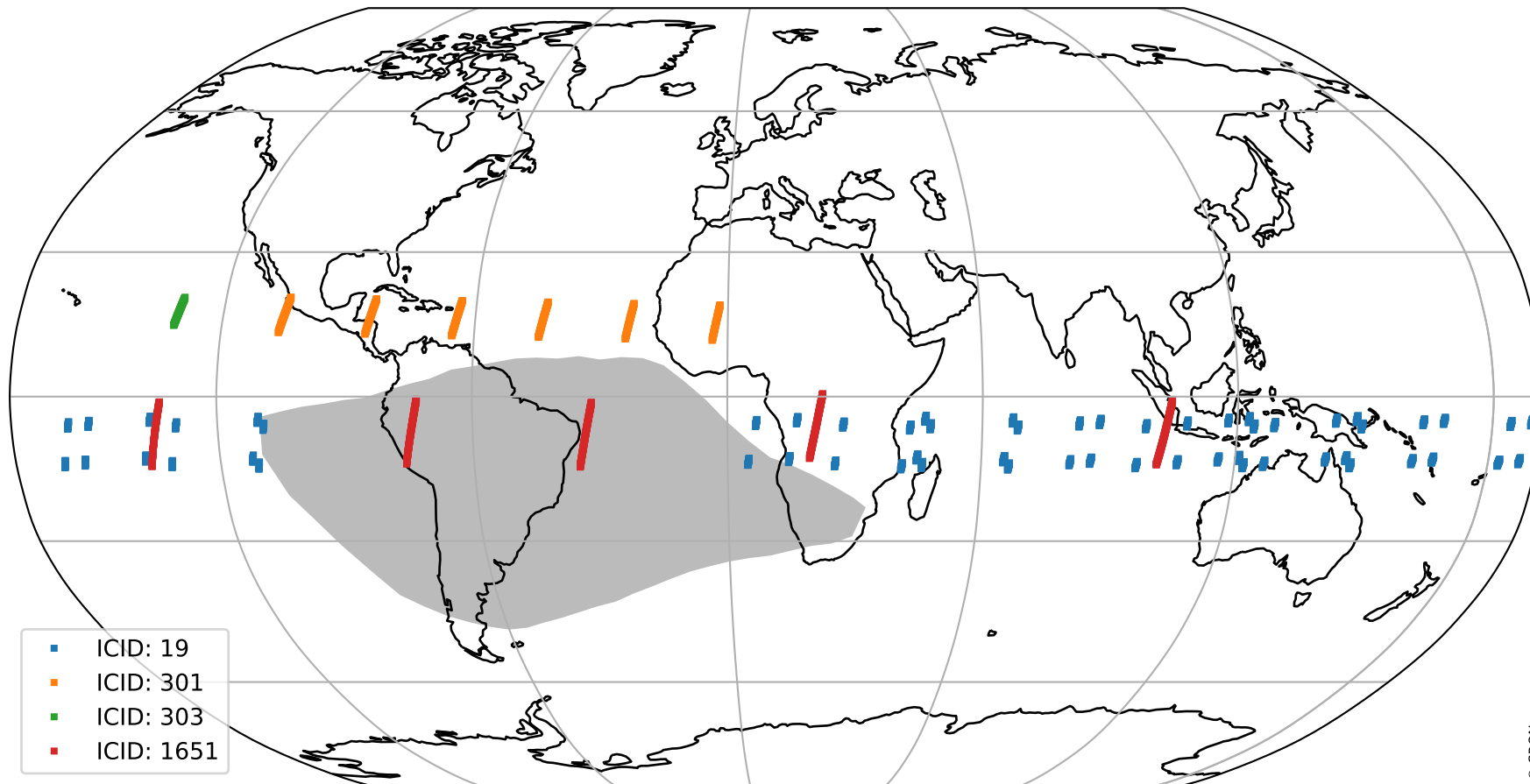
Tropomi SWIR background noise (swir)

orbits : 12 in [19837, 19927]
coverage : 2021-08-12 / 2021-08-18
median : 0.98249
spread : 0.17298
created : 2023-08-21T16:08:19



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

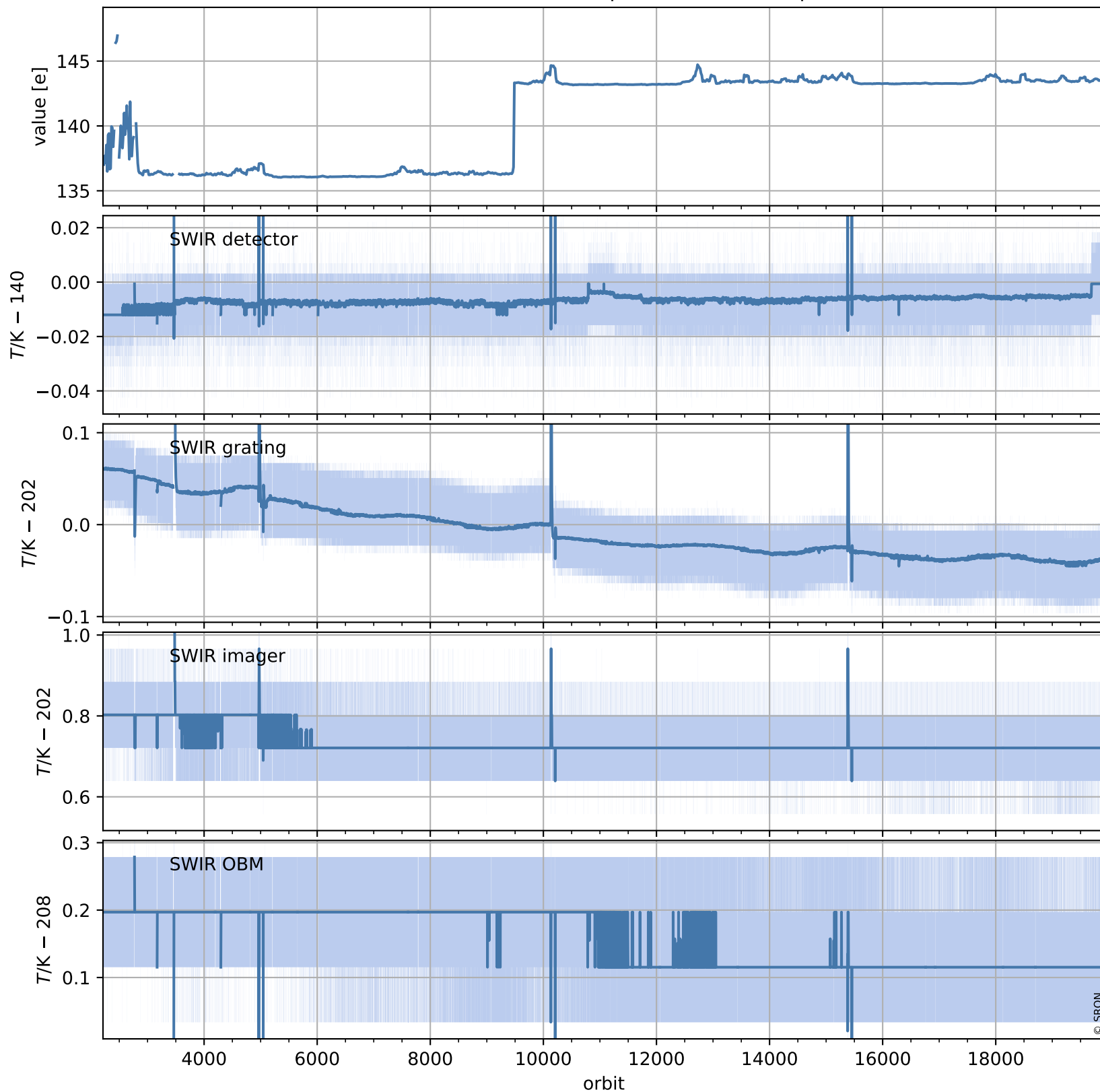
orbits : 12 in [19837, 19927]
coverage : 2021-08-12 / 2021-08-18
created : 2023-08-21T16:08:19



Tropomi SWIR background noise (swir)

orbits : [2212, 19927]
coverage : 2018-03-18 / 2021-08-18
created : 2023-08-21T16:08:19

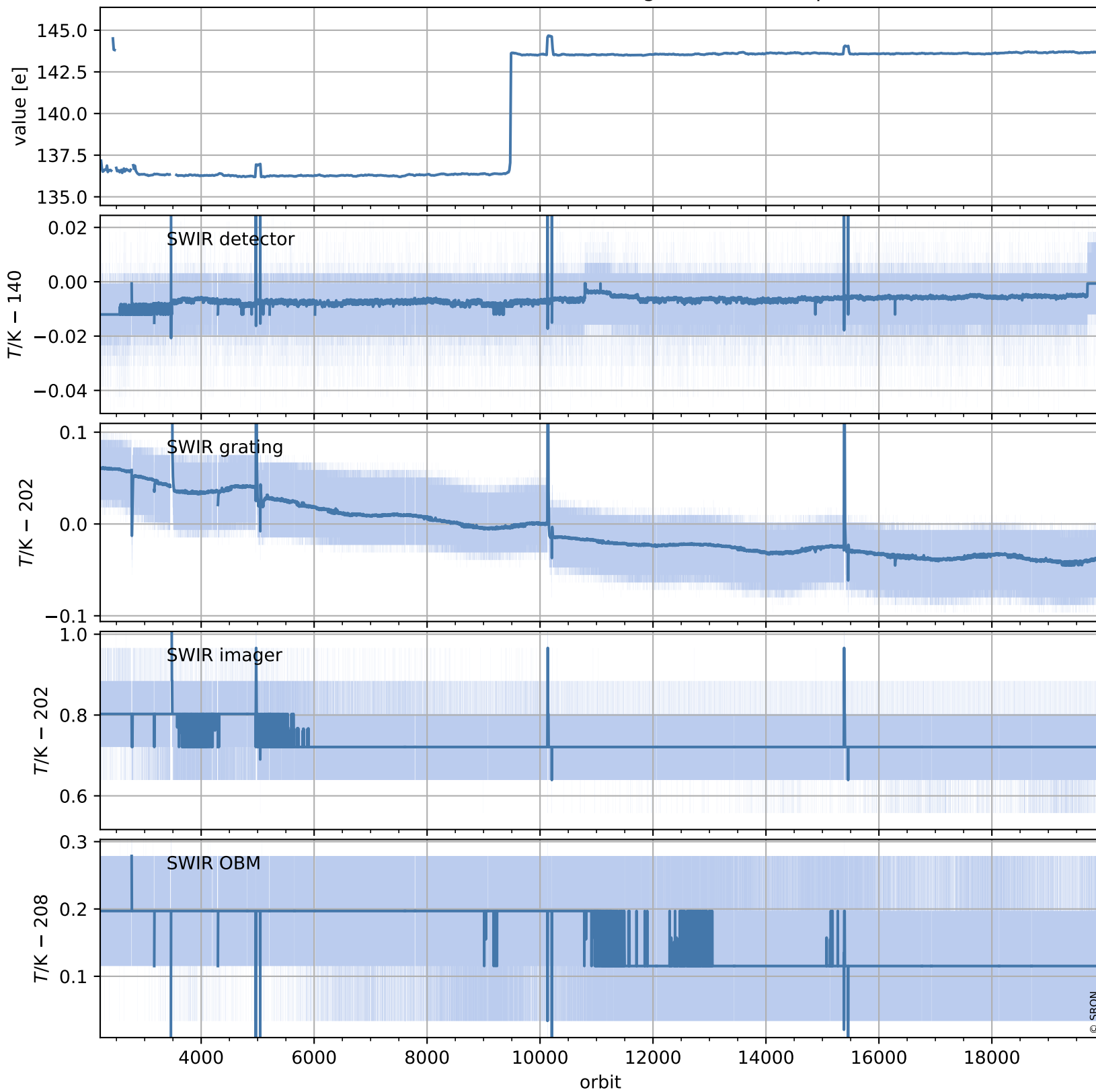
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19927]
coverage : 2018-03-18 / 2021-08-18
created : 2023-08-21T16:08:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19927]
coverage : 2018-03-18 / 2021-08-18
created : 2023-08-21T16:08:21

trend of normalized read-noise & temperatures

