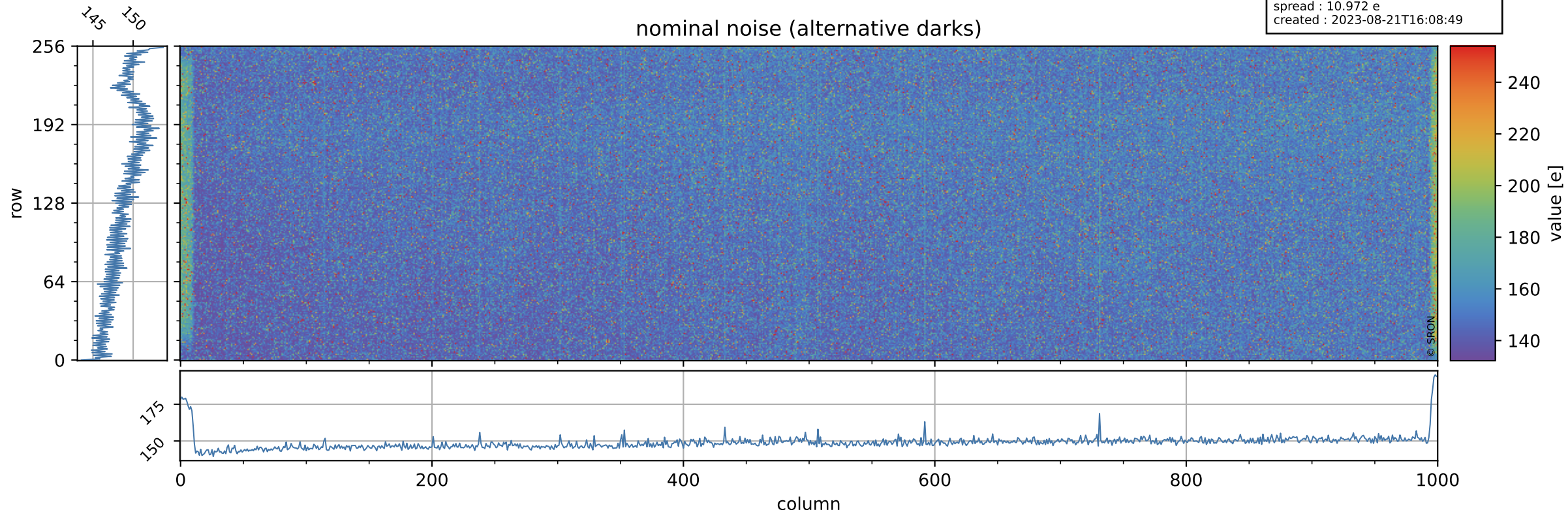


Tropomi SWIR background noise (swir)

orbits : 12 in [19927, 20017]
coverage : 2021-08-18 / 2021-08-24
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.972 e
created : 2023-08-21T16:08:49

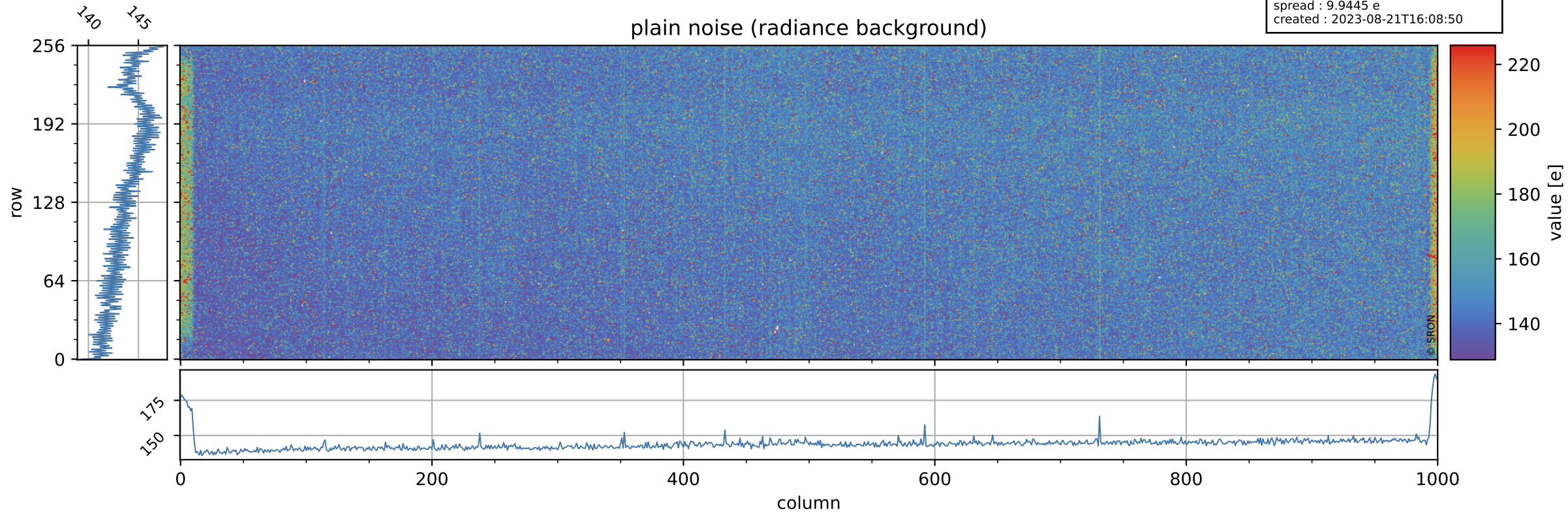
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19927, 20017]
coverage : 2021-08-18 / 2021-08-24
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.9445 e
created : 2023-08-21T16:08:50

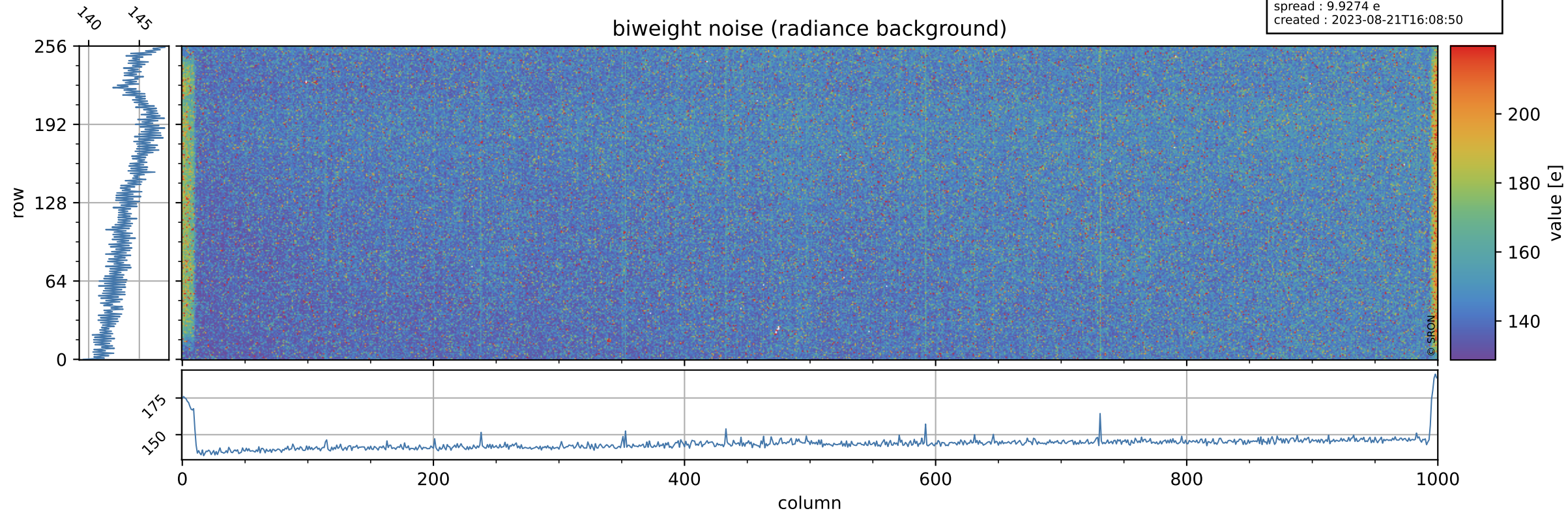
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19927, 20017]
coverage : 2021-08-18 / 2021-08-24
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9274 e
created : 2023-08-21T16:08:50

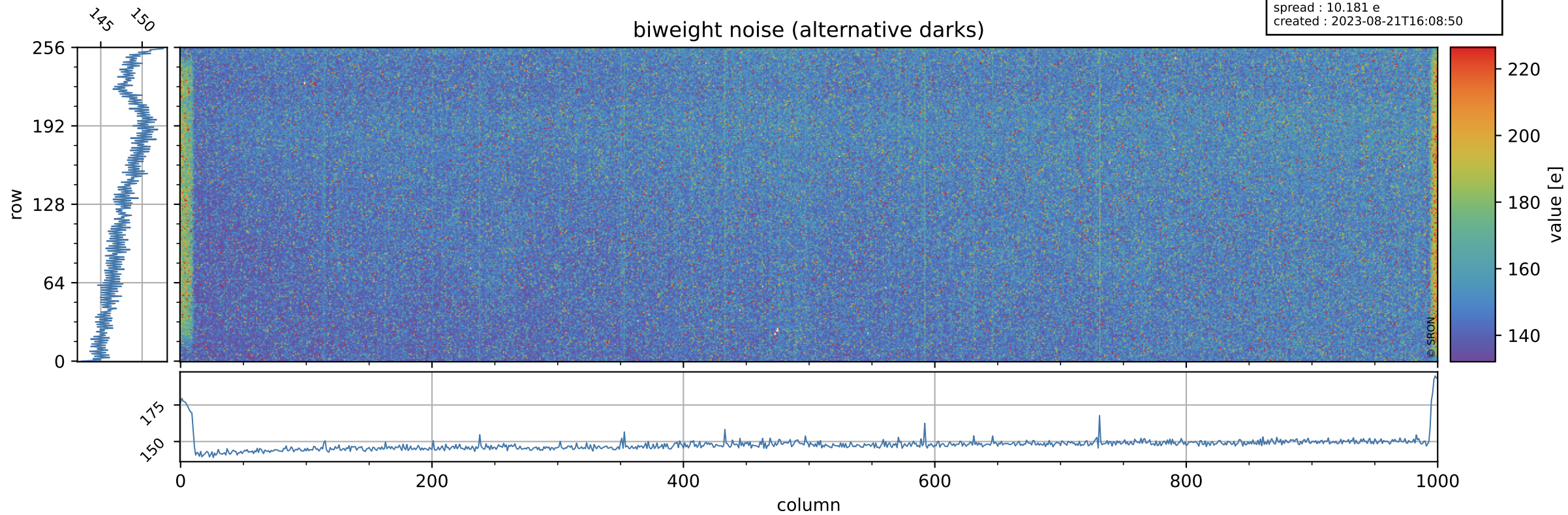
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19927, 20017]
coverage : 2021-08-18 / 2021-08-24
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.181 e
created : 2023-08-21T16:08:50

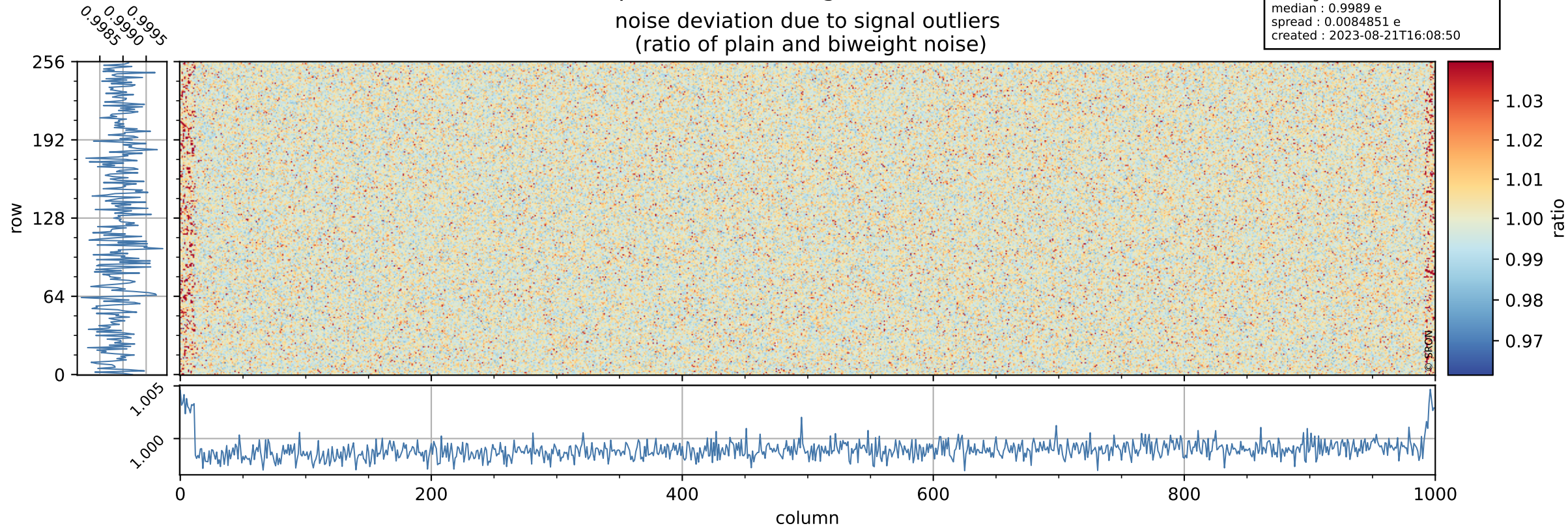
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

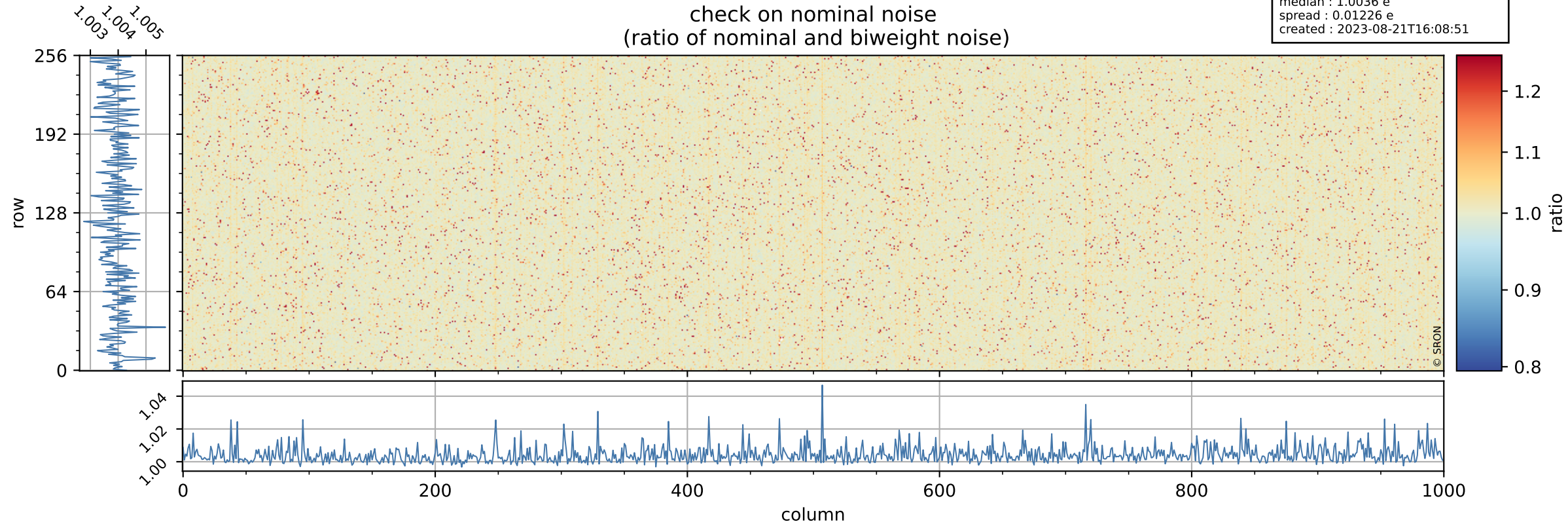
orbits : 12 in [19927, 20017]
coverage : 2021-08-18 / 2021-08-24
median : 0.9989 e
spread : 0.0084851 e
created : 2023-08-21T16:08:50



Tropomi SWIR background noise (swir)

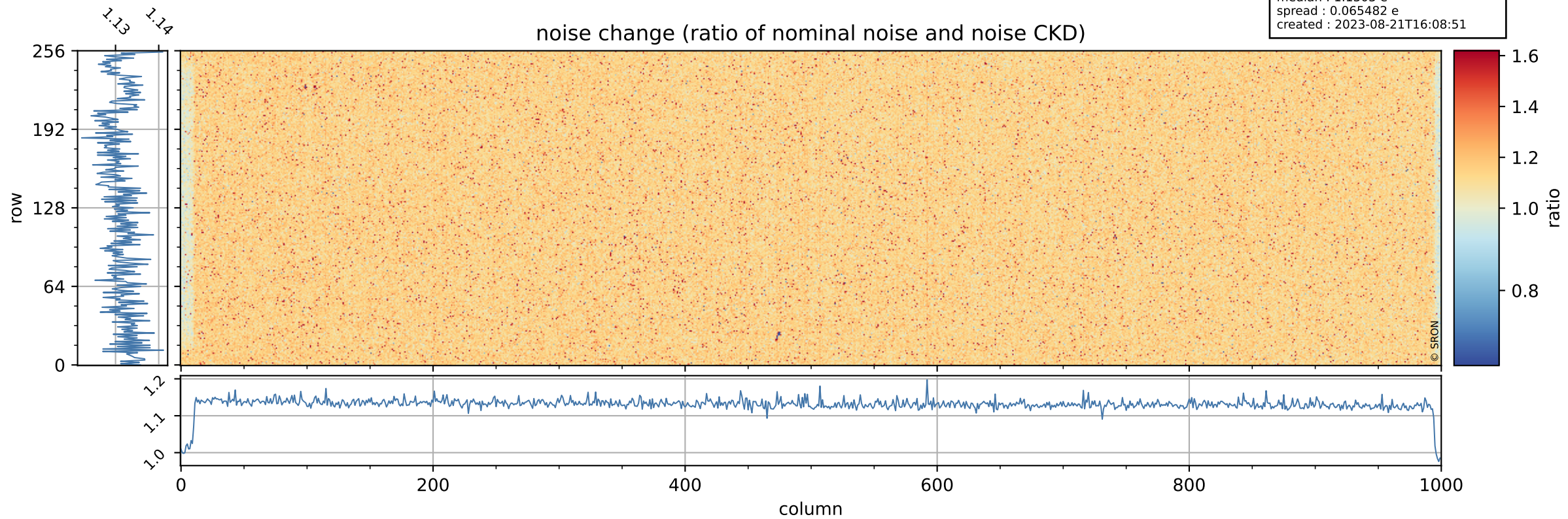
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19927, 20017]
coverage : 2021-08-18 / 2021-08-24
median : 1.0036 e
spread : 0.01226 e
created : 2023-08-21T16:08:51



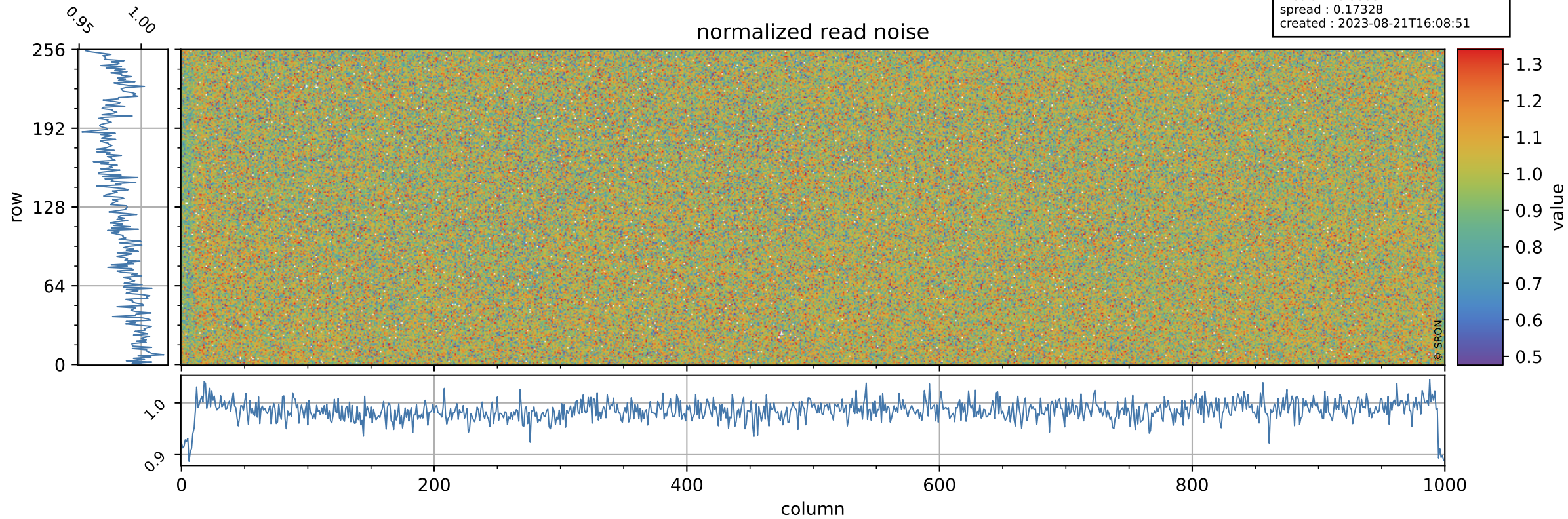
Tropomi SWIR background noise (swir)

orbits : 12 in [19927, 20017]
coverage : 2021-08-18 / 2021-08-24
median : 1.1303 e
spread : 0.065482 e
created : 2023-08-21T16:08:51



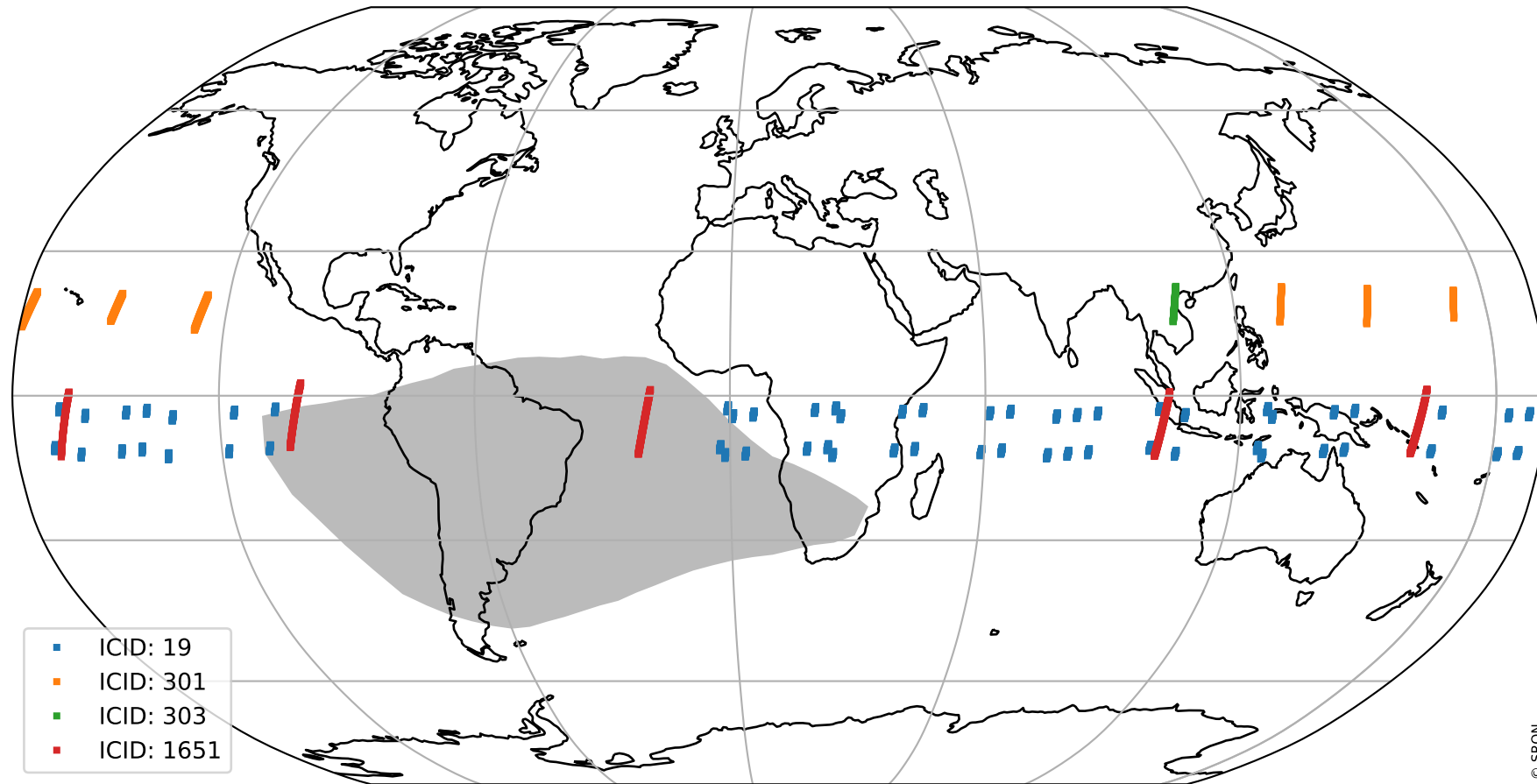
Tropomi SWIR background noise (swir)

orbits : 12 in [19927, 20017]
coverage : 2021-08-18 / 2021-08-24
median : 0.9833
spread : 0.17328
created : 2023-08-21T16:08:51



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

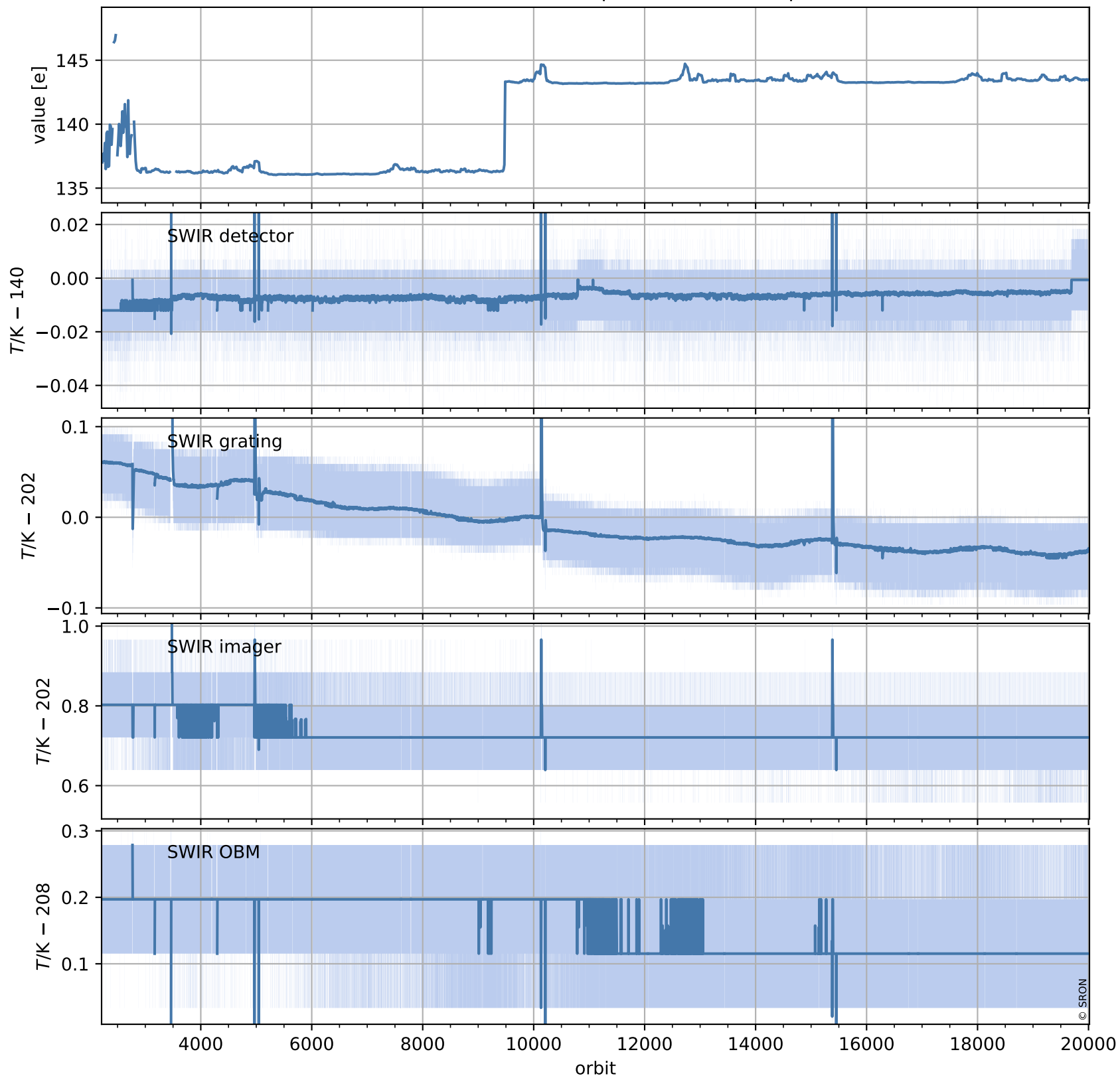
orbits : 12 in [19927, 20017]
coverage : 2021-08-18 / 2021-08-24
created : 2023-08-21T16:08:52



Tropomi SWIR background noise (swir)

orbits : [2212, 20017]
coverage : 2018-03-18 / 2021-08-24
created : 2023-08-21T16:08:52

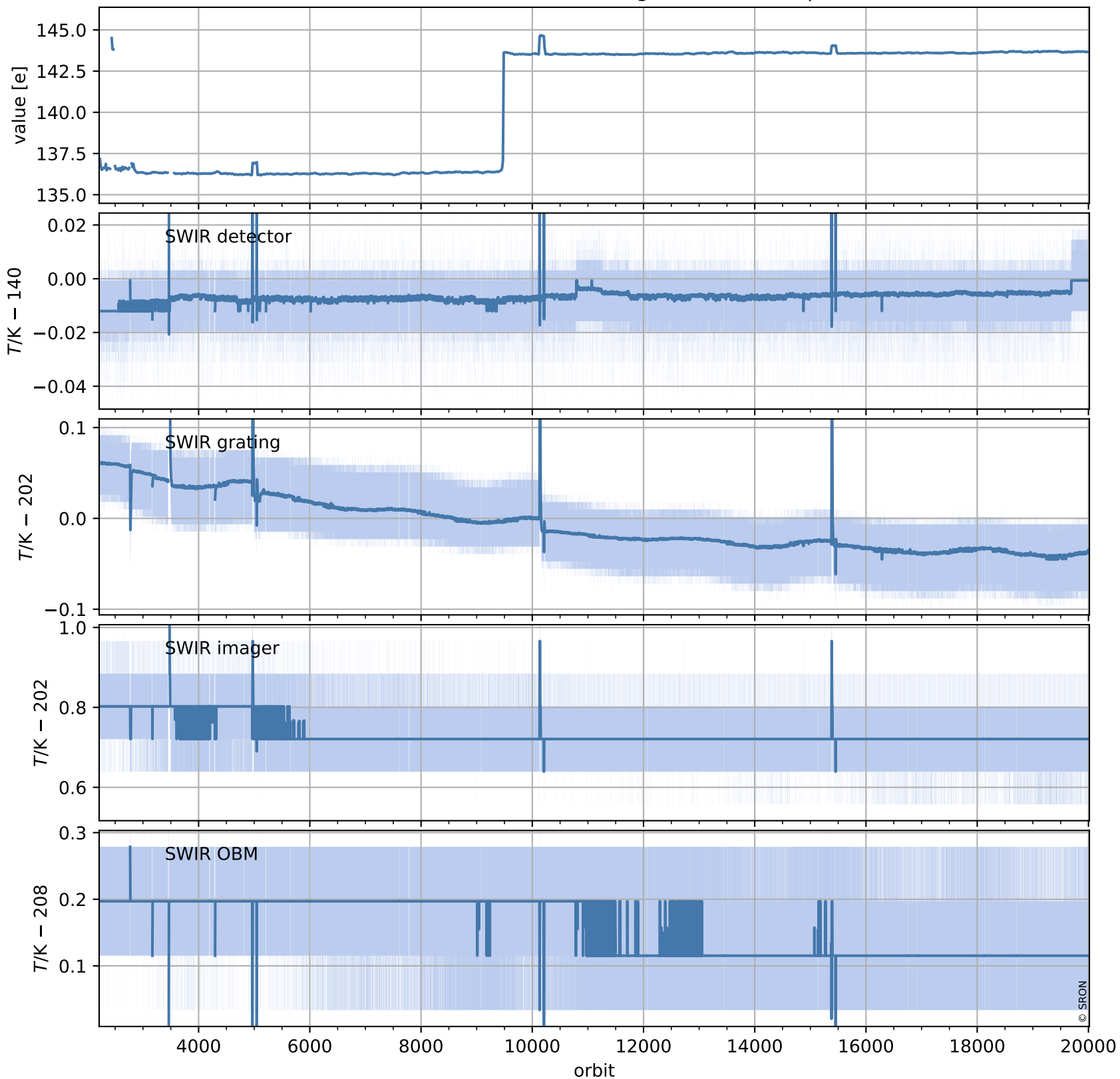
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20017]
coverage : 2018-03-18 / 2021-08-24
created : 2023-08-21T16:08:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20017]
coverage : 2018-03-18 / 2021-08-24
created : 2023-08-21T16:08:54

trend of normalized read-noise & temperatures

