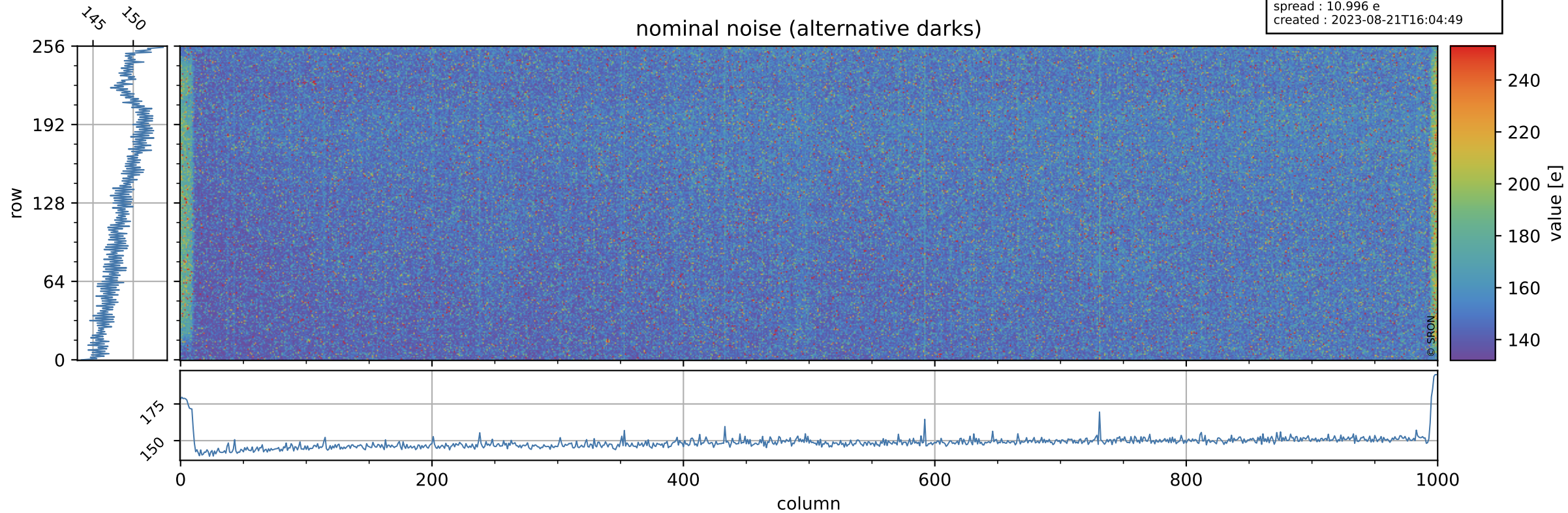


Tropomi SWIR background noise (swir)

orbits : 12 in [19282, 19357]
coverage : 2021-07-02 / 2021-07-08
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.996 e
created : 2023-08-21T16:04:49

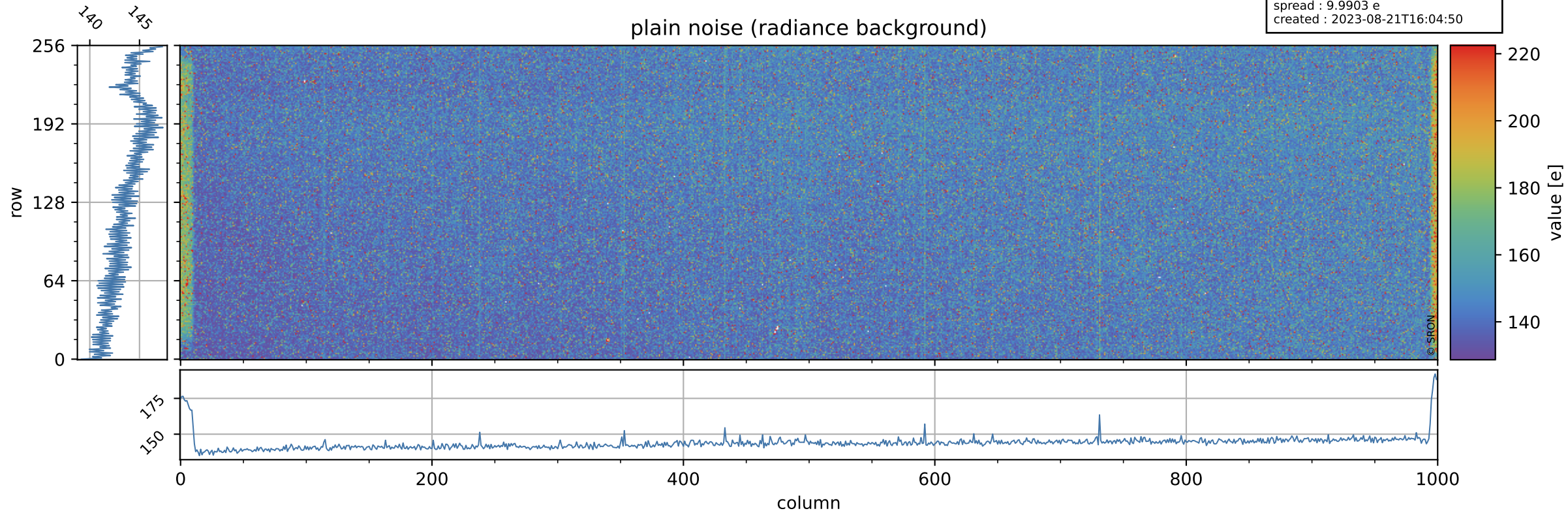
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19282, 19357]
coverage : 2021-07-02 / 2021-07-08
n_coad, t_exp : 1, 0.8383
median : 143.56 e
spread : 9.9903 e
created : 2023-08-21T16:04:50

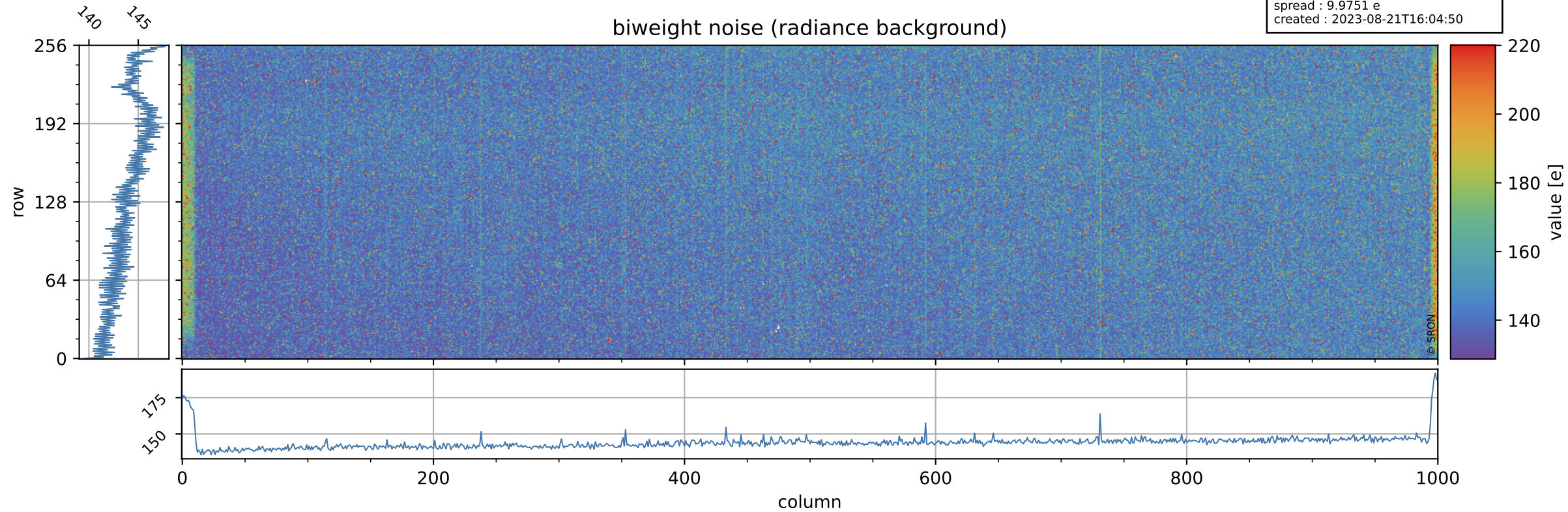
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19282, 19357]
coverage : 2021-07-02 / 2021-07-08
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9751 e
created : 2023-08-21T16:04:50

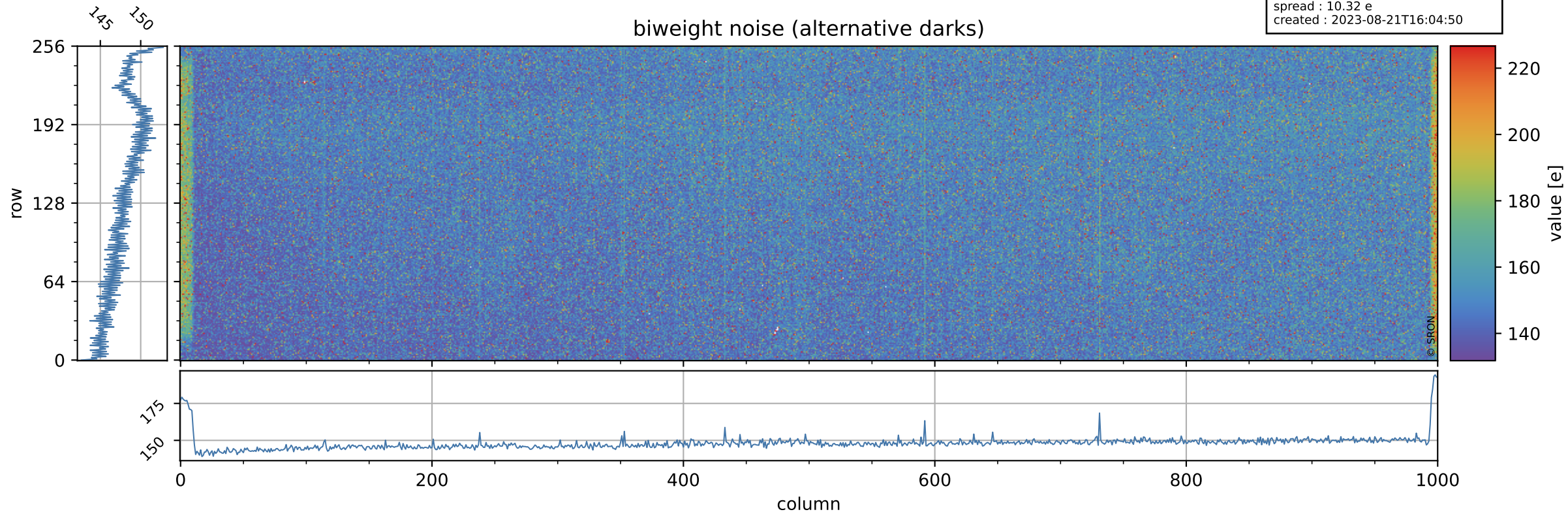
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19282, 19357]
coverage : 2021-07-02 / 2021-07-08
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.32 e
created : 2023-08-21T16:04:50

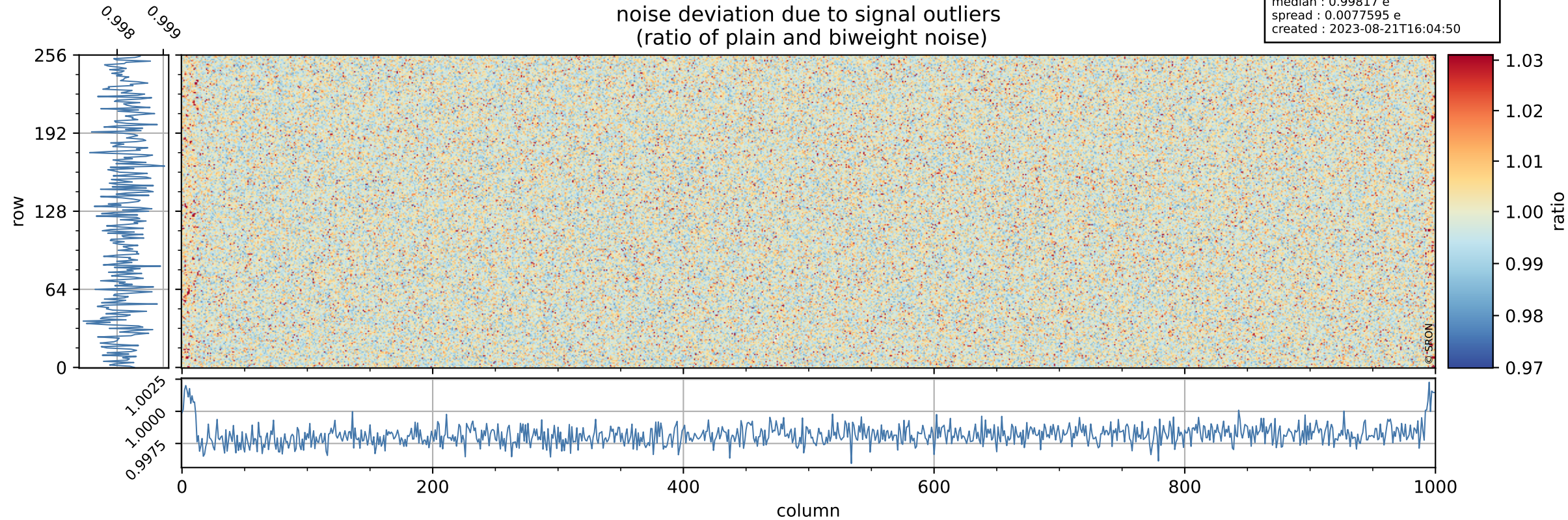
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

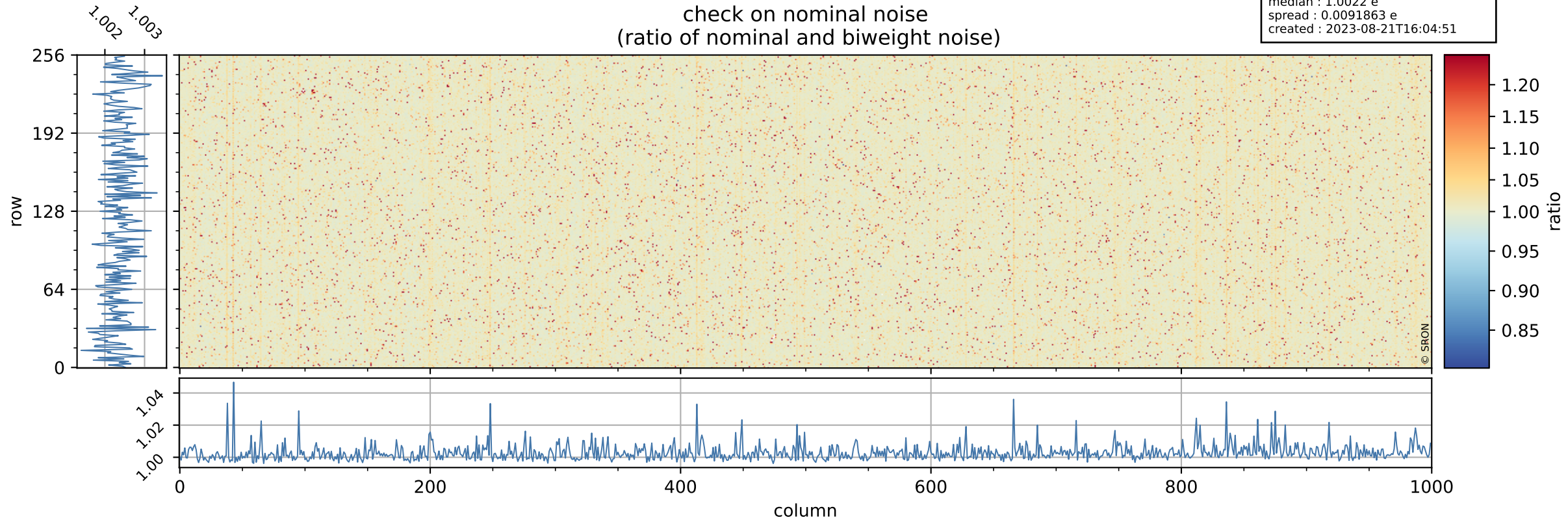
orbits : 12 in [19282, 19357]
coverage : 2021-07-02 / 2021-07-08
median : 0.99817 e
spread : 0.0077595 e
created : 2023-08-21T16:04:50



Tropomi SWIR background noise (swir)

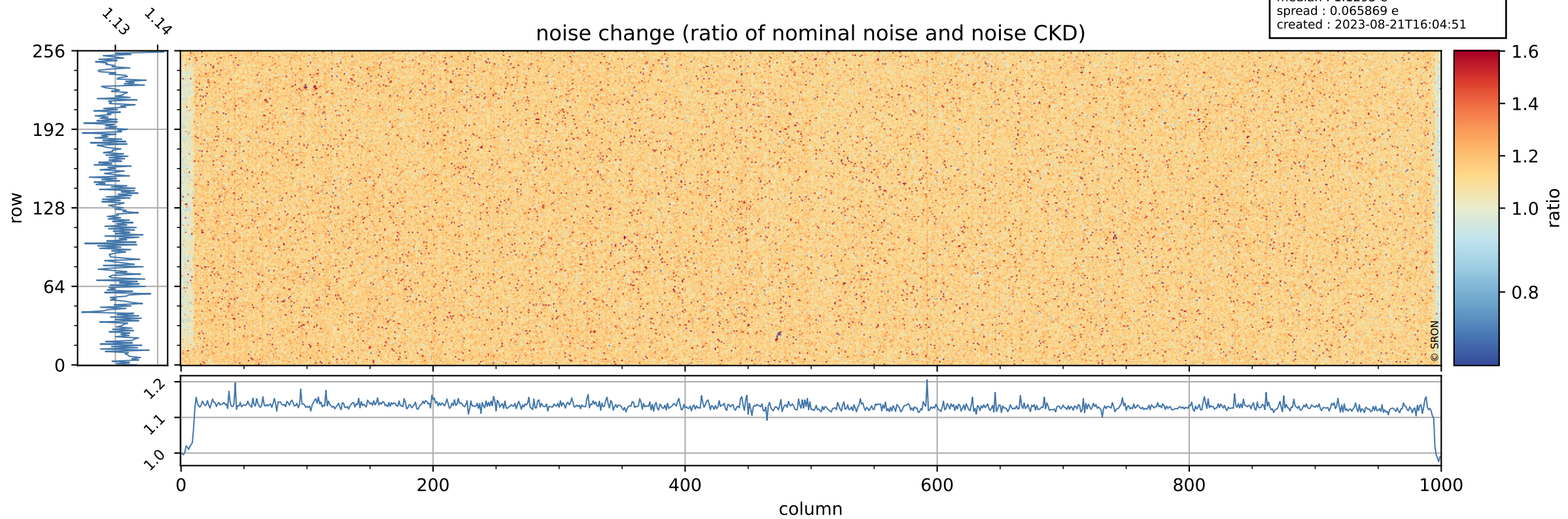
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19282, 19357]
coverage : 2021-07-02 / 2021-07-08
median : 1.0022 e
spread : 0.0091863 e
created : 2023-08-21T16:04:51



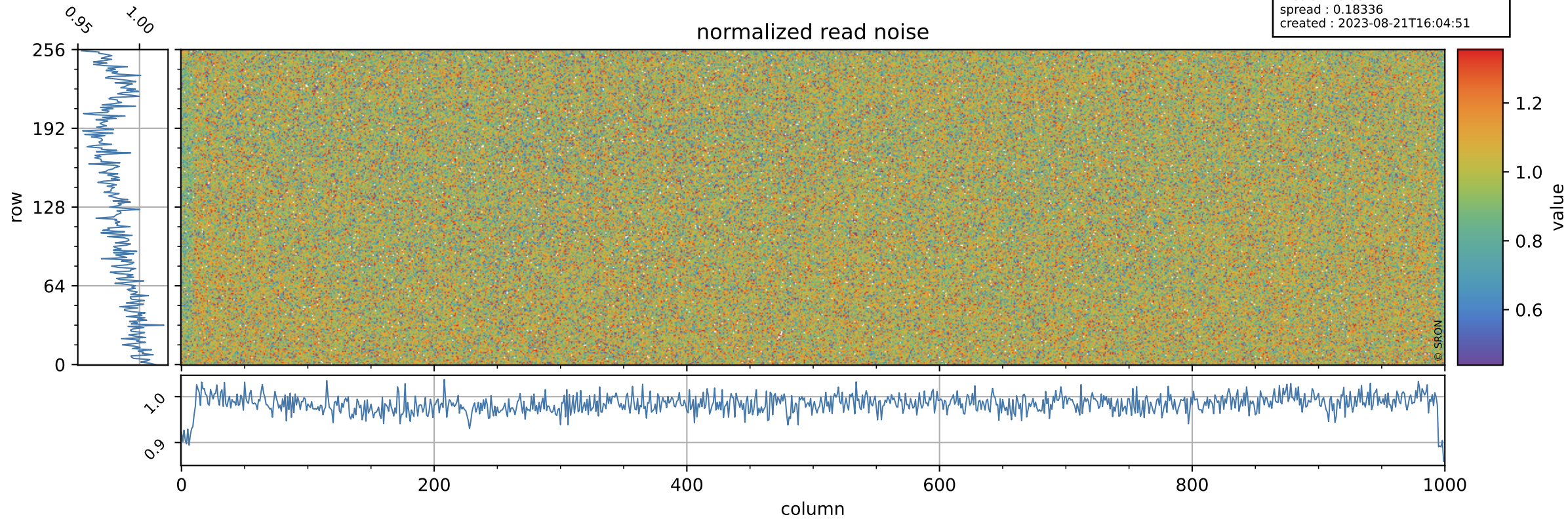
Tropomi SWIR background noise (swir)

orbits : 12 in [19282, 19357]
coverage : 2021-07-02 / 2021-07-08
median : 1.1295 e
spread : 0.065869 e
created : 2023-08-21T16:04:51



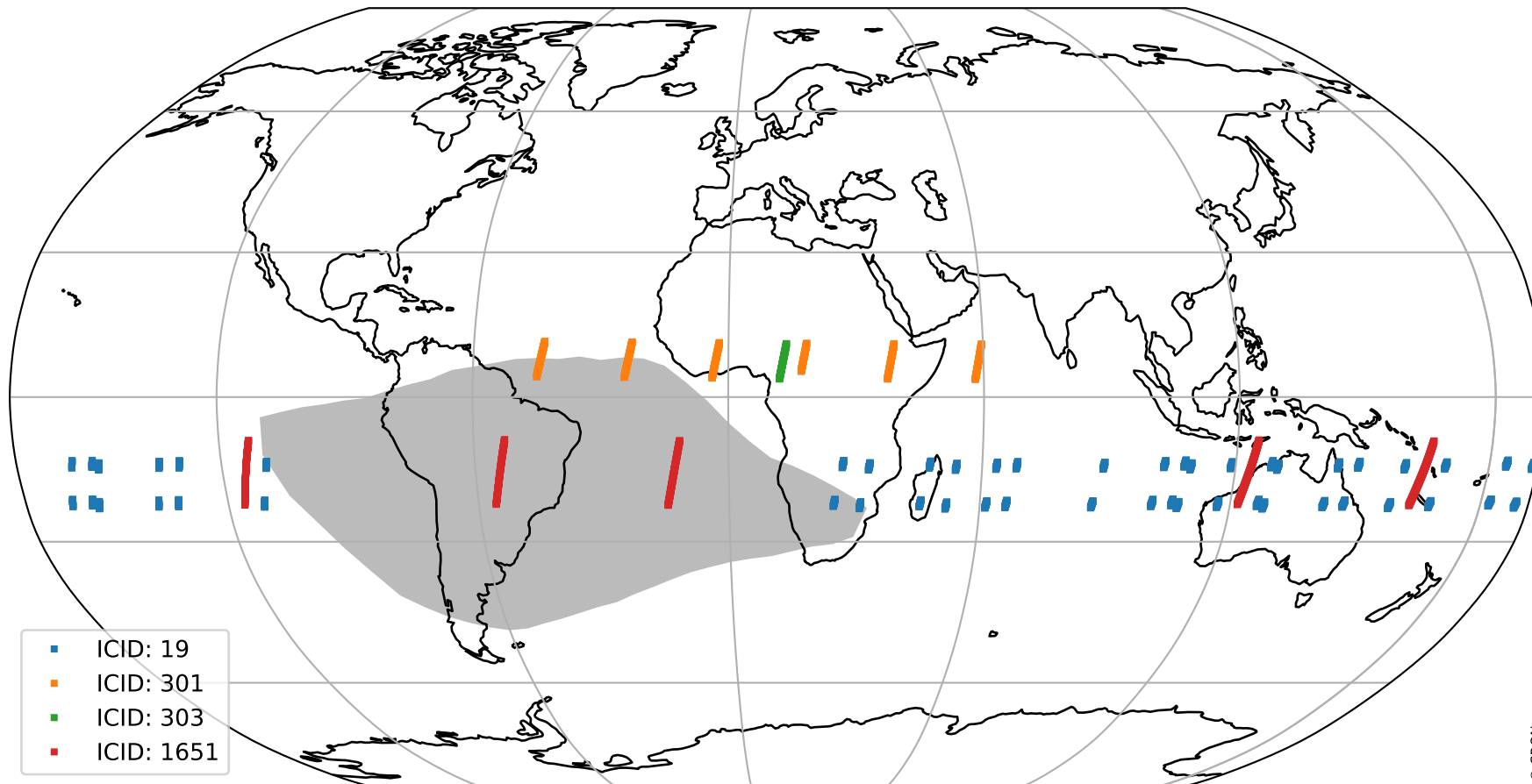
Tropomi SWIR background noise (swir)

orbits : 12 in [19282, 19357]
coverage : 2021-07-02 / 2021-07-08
median : 0.982
spread : 0.18336
created : 2023-08-21T16:04:51



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

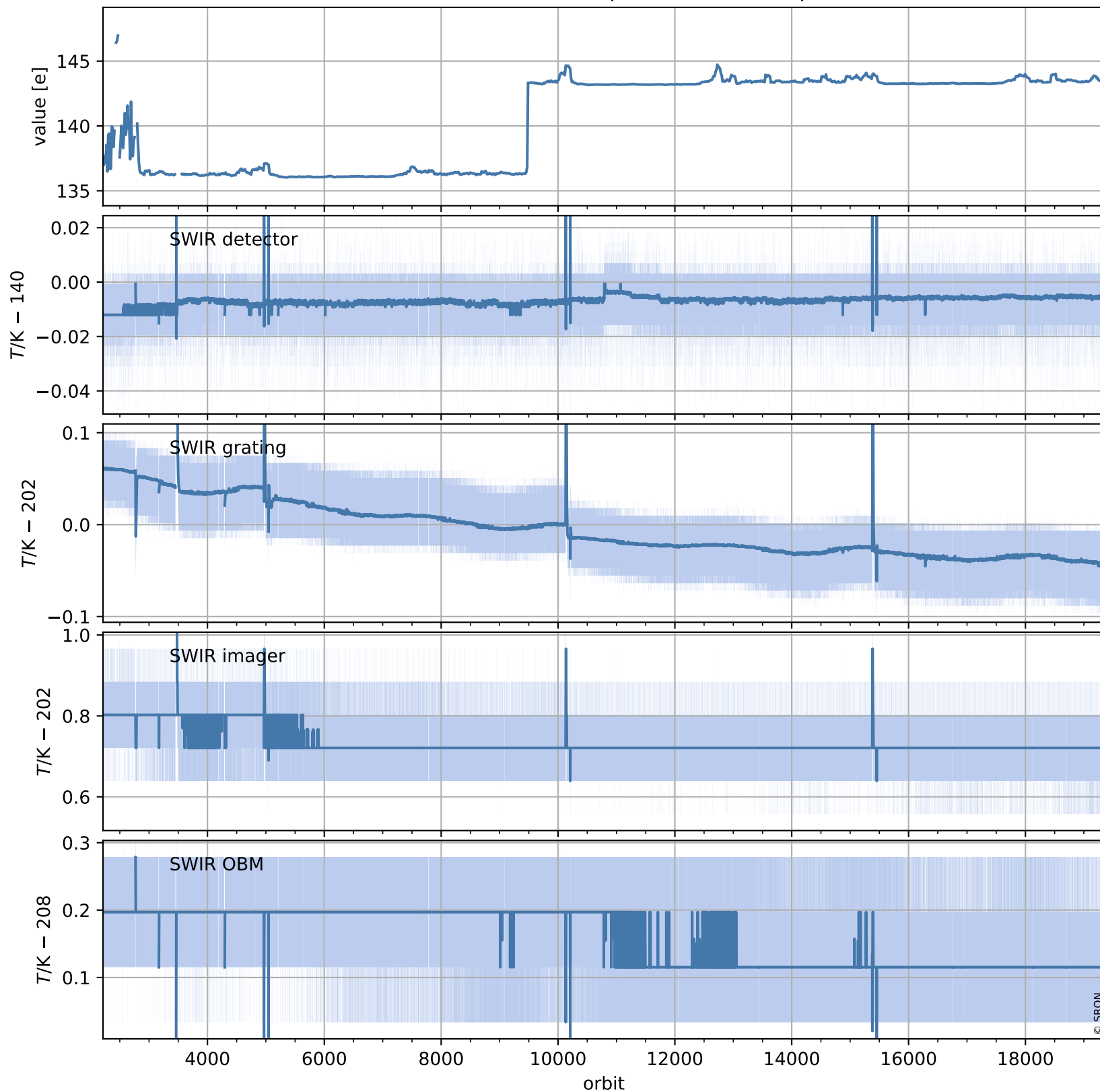
orbits : 12 in [19282, 19357]
coverage : 2021-07-02 / 2021-07-08
created : 2023-08-21T16:04:52



Tropomi SWIR background noise (swir)

orbits : [2212, 19357]
coverage : 2018-03-18 / 2021-07-08
created : 2023-08-21T16:04:52

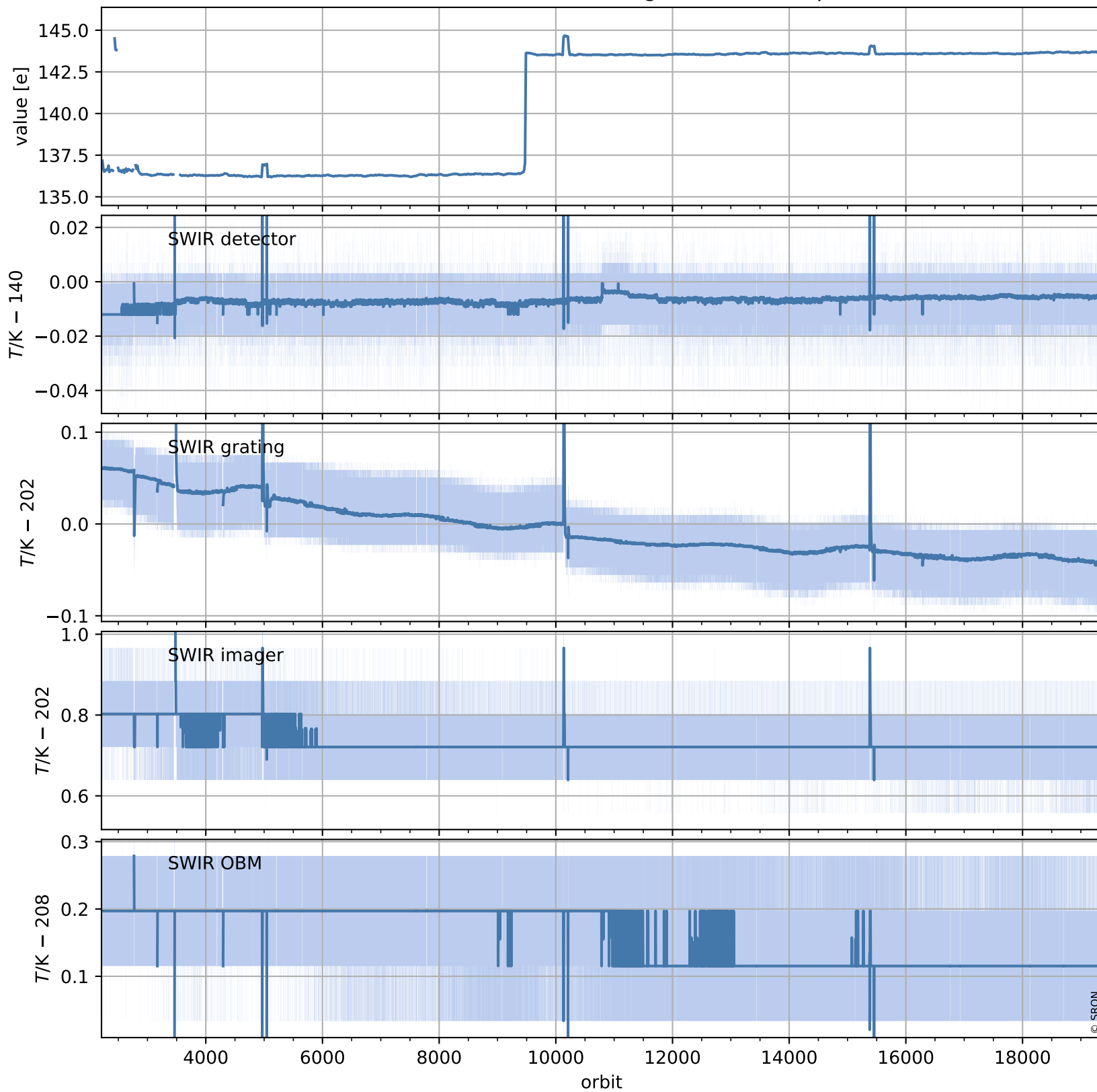
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19357]
coverage : 2018-03-18 / 2021-07-08
created : 2023-08-21T16:04:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19357]
coverage : 2018-03-18 / 2021-07-08
created : 2023-08-21T16:04:54

trend of normalized read-noise & temperatures

