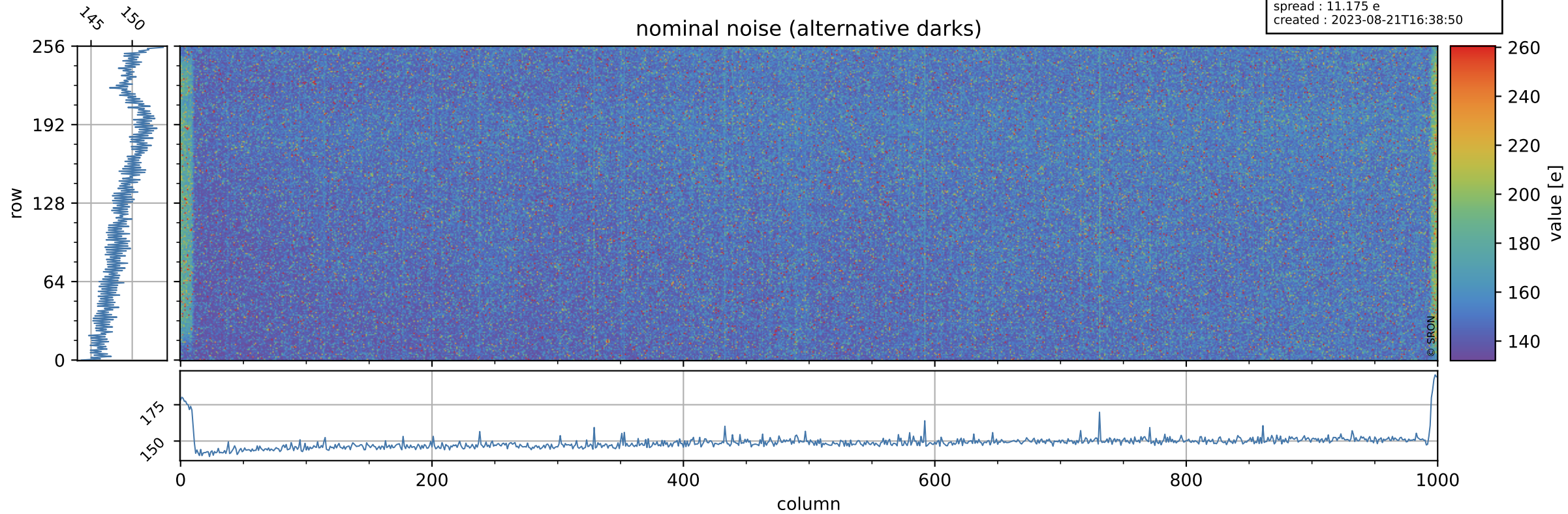


Tropomi SWIR background noise (swir)

orbits : 12 in [24682, 24757]
coverage : 2022-07-18 / 2022-07-23
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 11.175 e
created : 2023-08-21T16:38:50

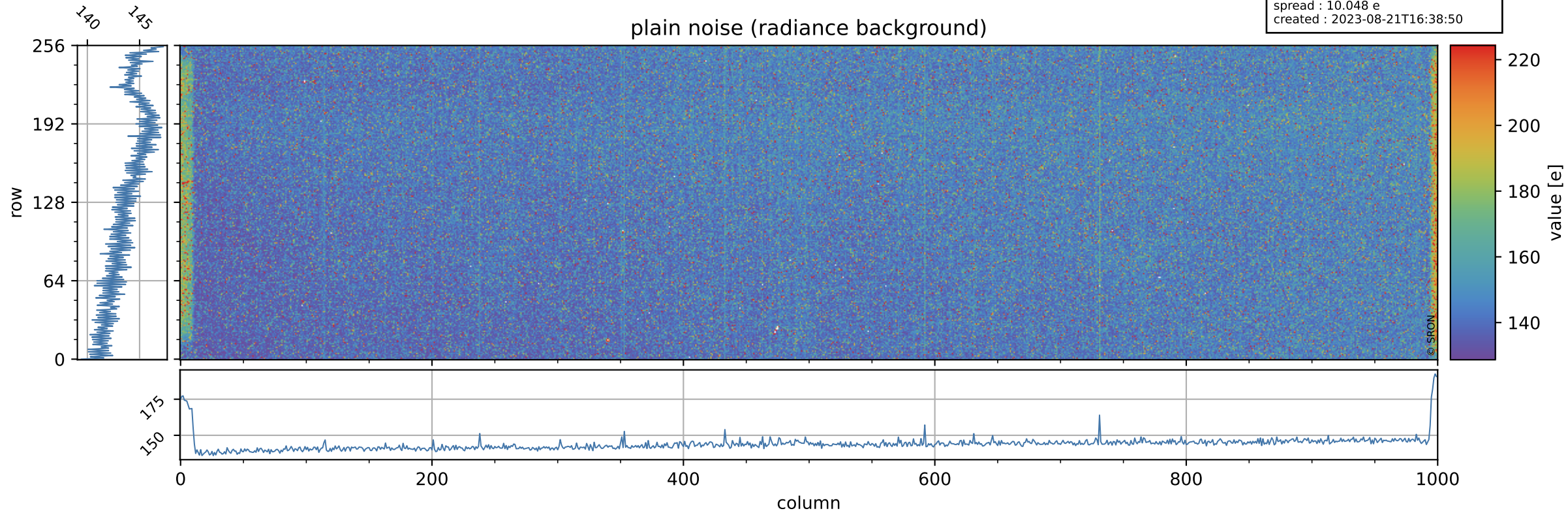
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24682, 24757]
coverage : 2022-07-18 / 2022-07-23
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 10.048 e
created : 2023-08-21T16:38:50

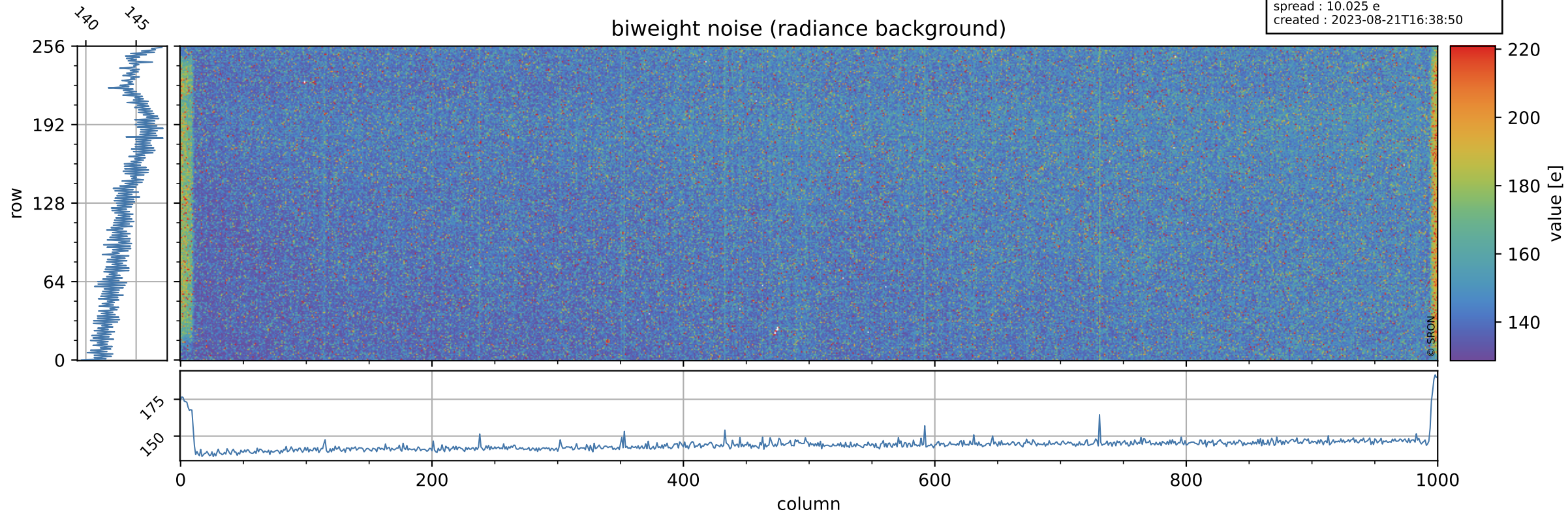
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24682, 24757]
coverage : 2022-07-18 / 2022-07-23
n_coad, t_exp : 1, 0.8383
median : 143.91 e
spread : 10.025 e
created : 2023-08-21T16:38:50

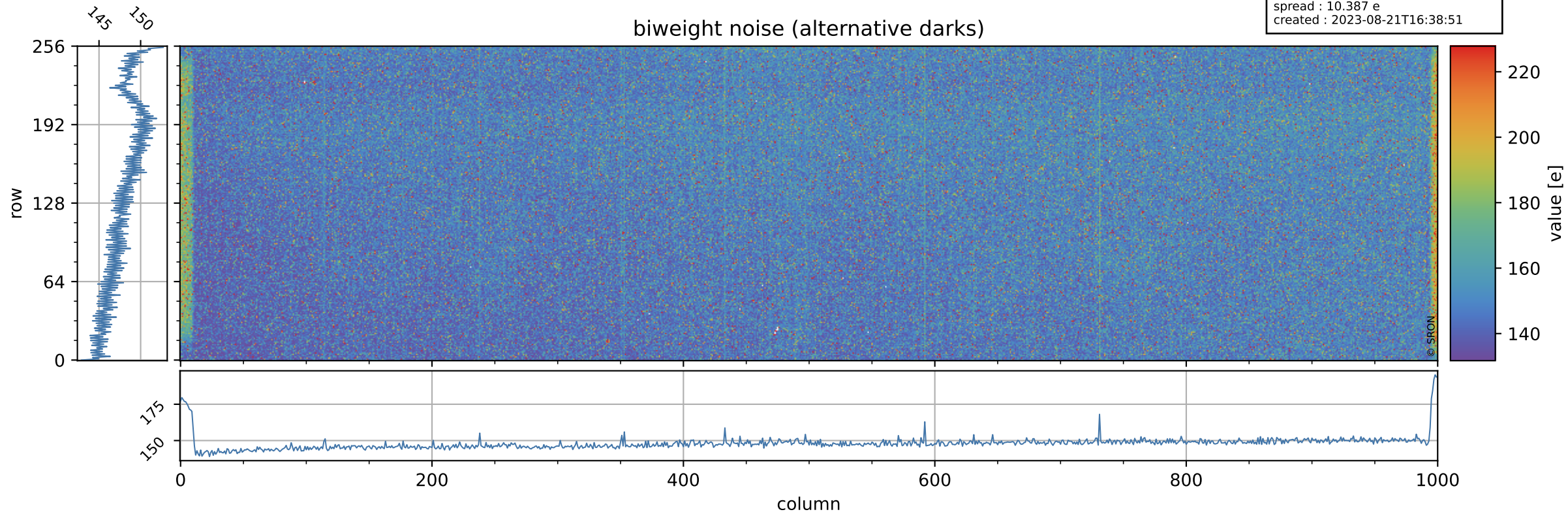
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24682, 24757]
coverage : 2022-07-18 / 2022-07-23
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.387 e
created : 2023-08-21T16:38:51

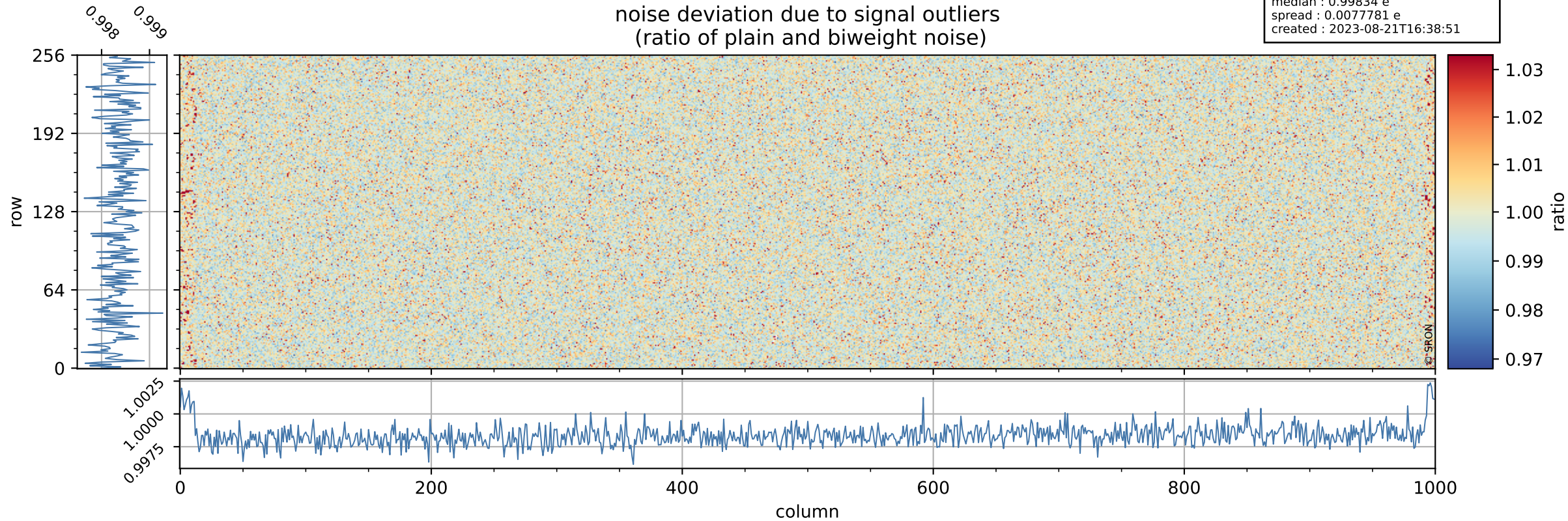
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

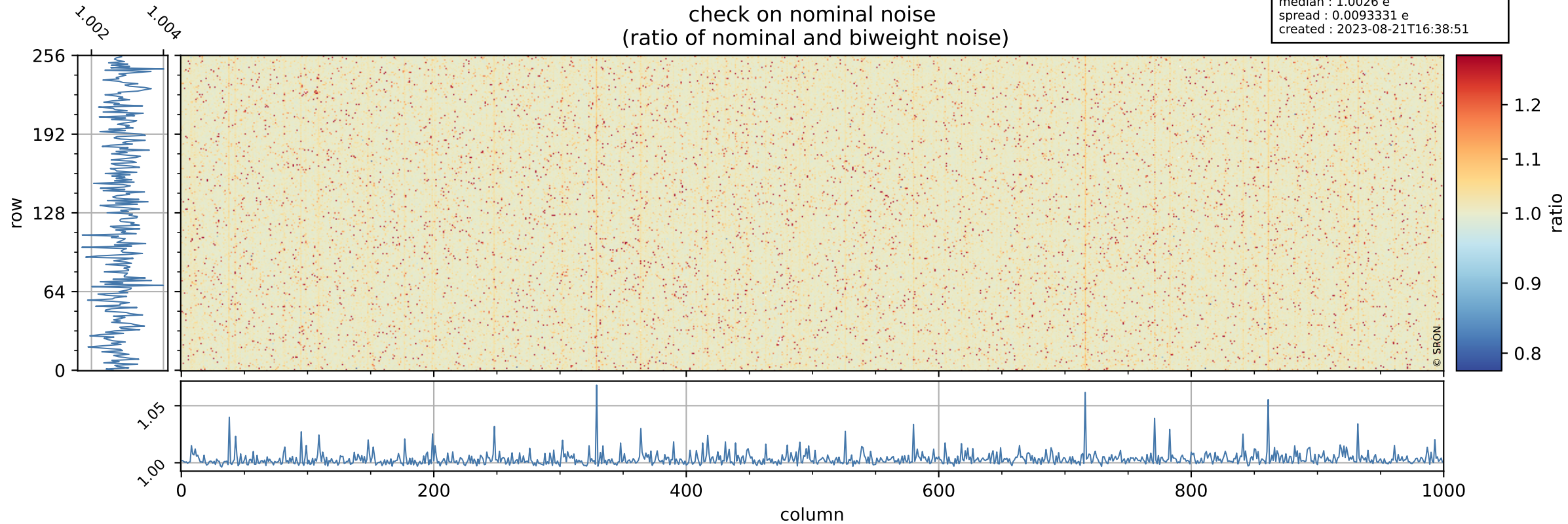
orbits : 12 in [24682, 24757]
coverage : 2022-07-18 / 2022-07-23
median : 0.99834 e
spread : 0.0077781 e
created : 2023-08-21T16:38:51



Tropomi SWIR background noise (swir)

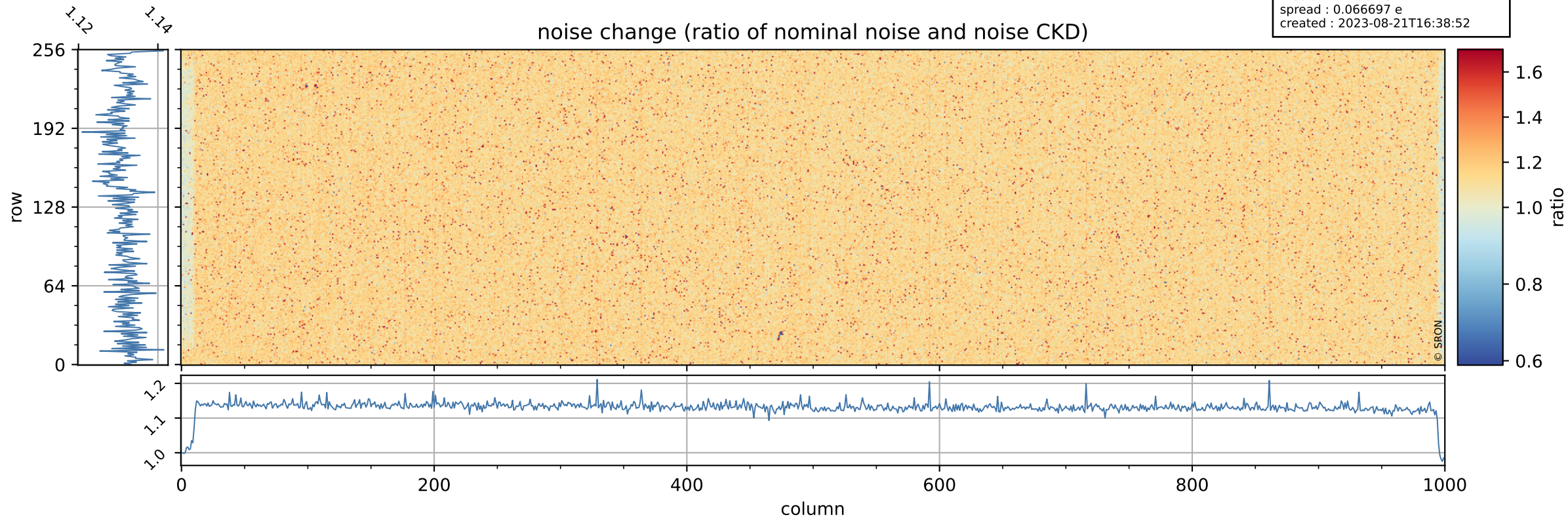
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24682, 24757]
coverage : 2022-07-18 / 2022-07-23
median : 1.0026 e
spread : 0.0093331 e
created : 2023-08-21T16:38:51



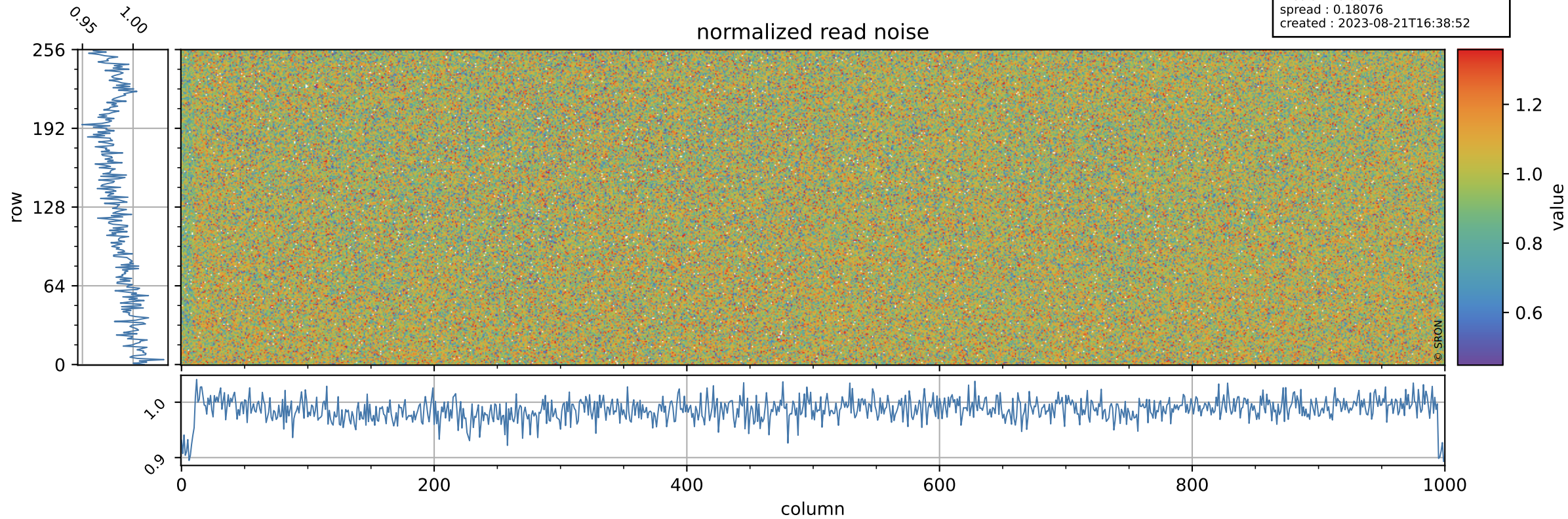
Tropomi SWIR background noise (swir)

orbits : 12 in [24682, 24757]
coverage : 2022-07-18 / 2022-07-23
median : 1.1302 e
spread : 0.066697 e
created : 2023-08-21T16:38:52



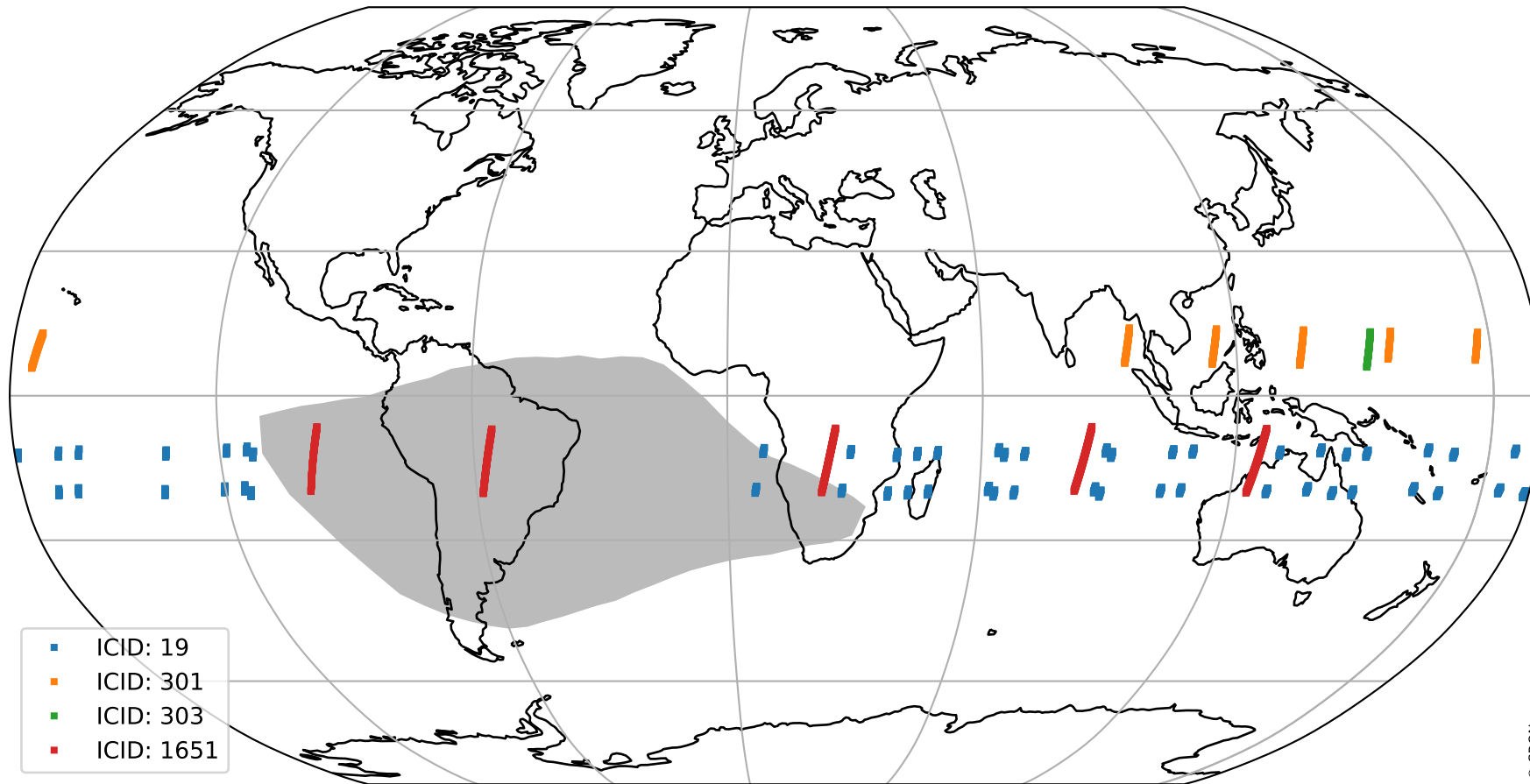
Tropomi SWIR background noise (swir)

orbits : 12 in [24682, 24757]
coverage : 2022-07-18 / 2022-07-23
median : 0.98477
spread : 0.18076
created : 2023-08-21T16:38:52



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

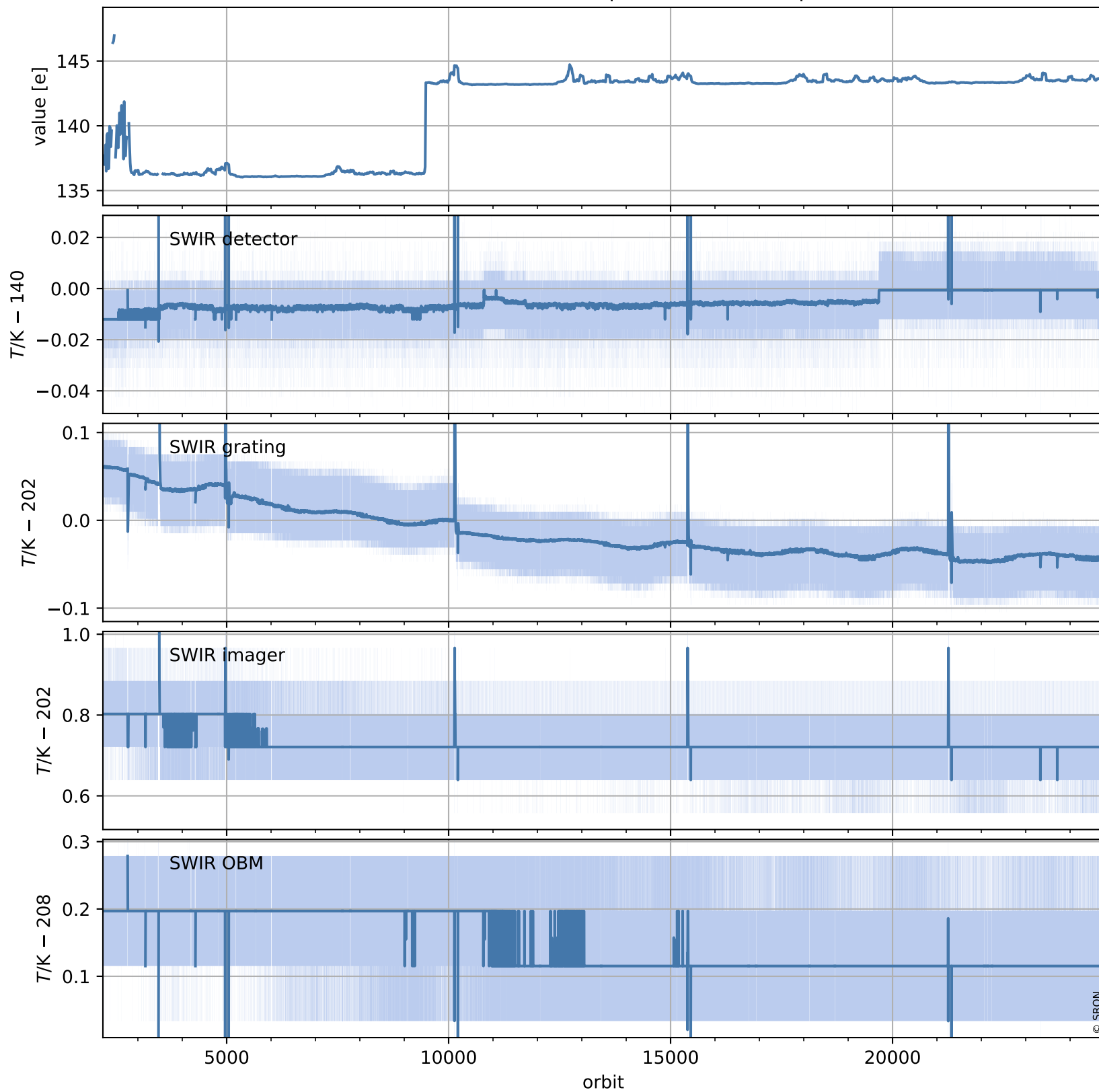
orbits : 12 in [24682, 24757]
coverage : 2022-07-18 / 2022-07-23
created : 2023-08-21T16:38:52



Tropomi SWIR background noise (swir)

orbits : [2212, 24757]
coverage : 2018-03-18 / 2022-07-23
created : 2023-08-21T16:38:52

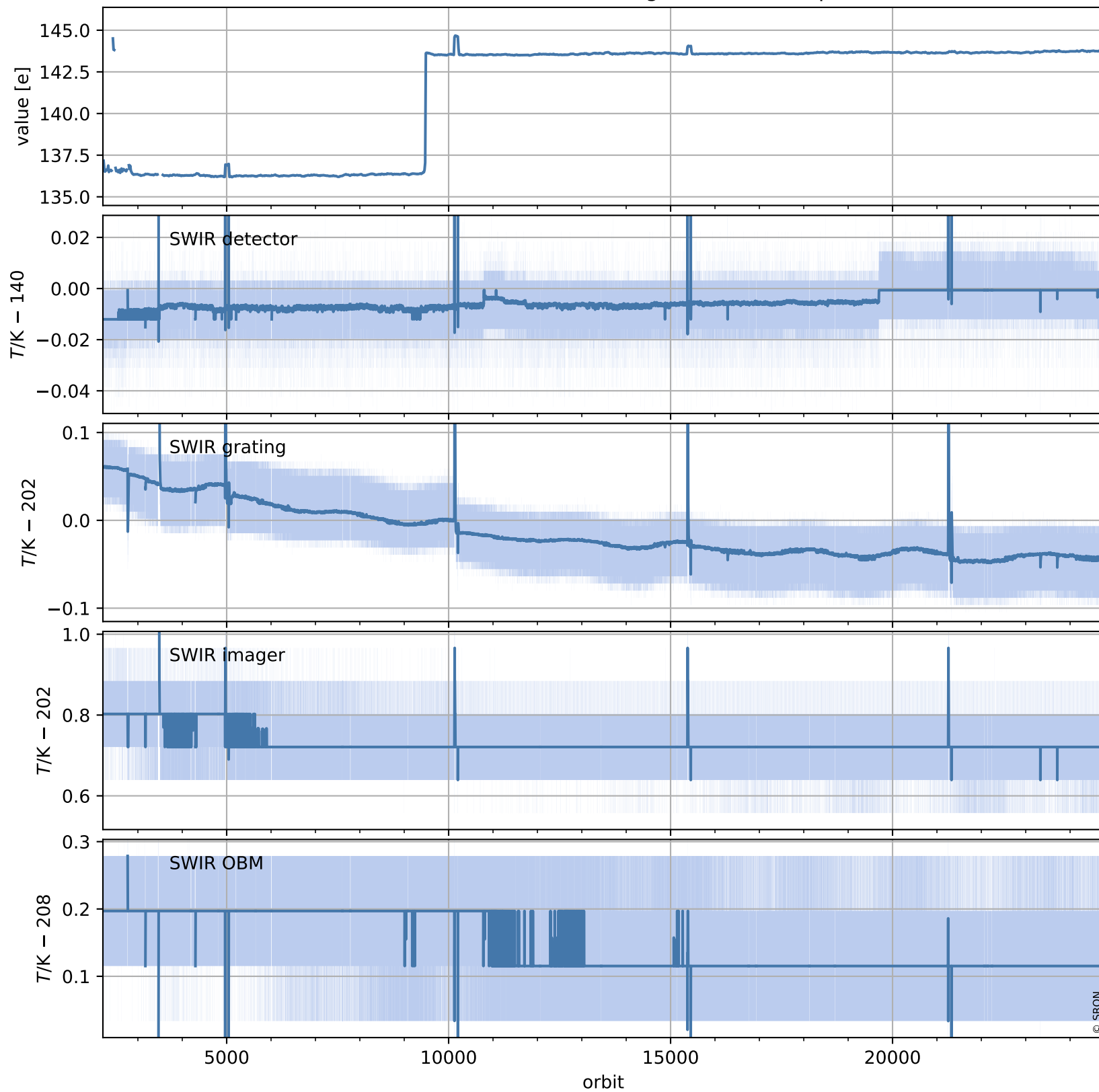
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24757]
coverage : 2018-03-18 / 2022-07-23
created : 2023-08-21T16:38:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24757]
coverage : 2018-03-18 / 2022-07-23
created : 2023-08-21T16:38:54

trend of normalized read-noise & temperatures

