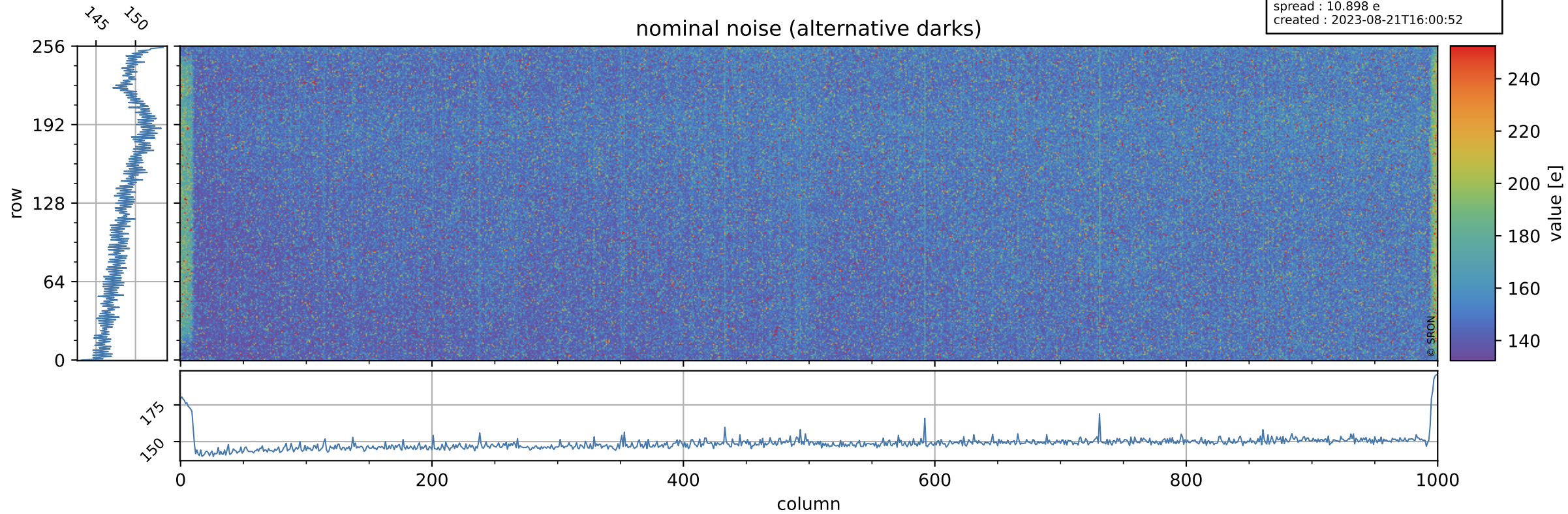


Tropomi SWIR background noise (swir)

orbits : 13 in [18607, 18697]
coverage : 2021-05-17 / 2021-05-23
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 10.898 e
created : 2023-08-21T16:00:52

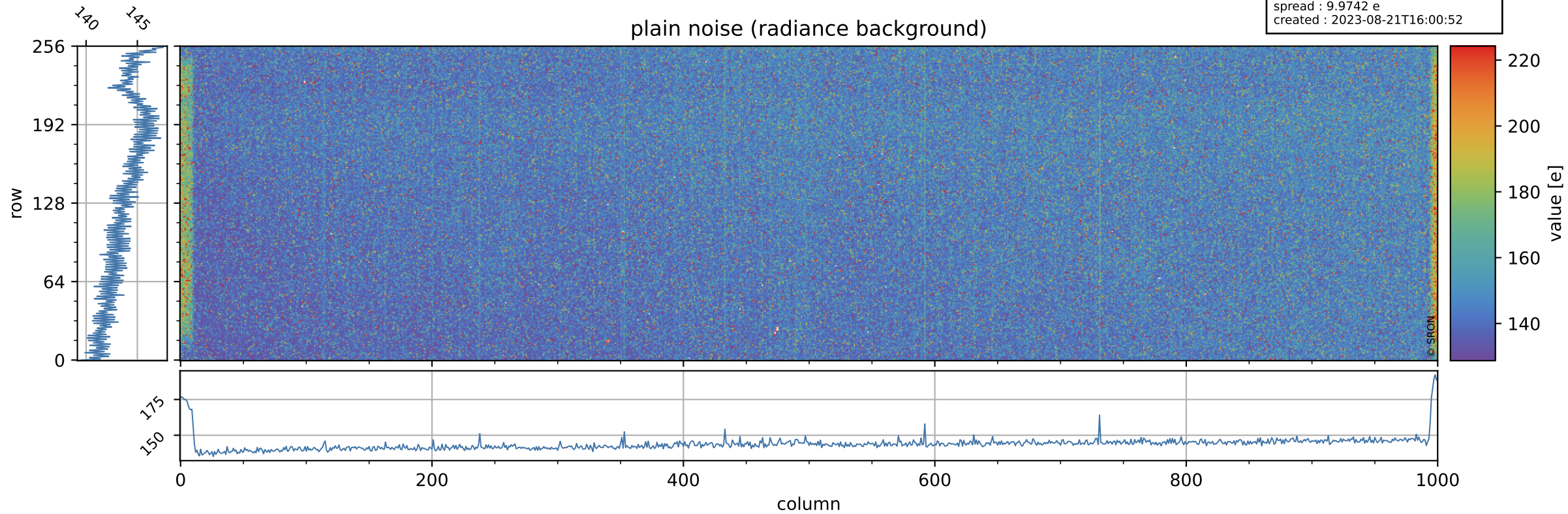
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [18607, 18697]
coverage : 2021-05-17 / 2021-05-23
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.9742 e
created : 2023-08-21T16:00:52

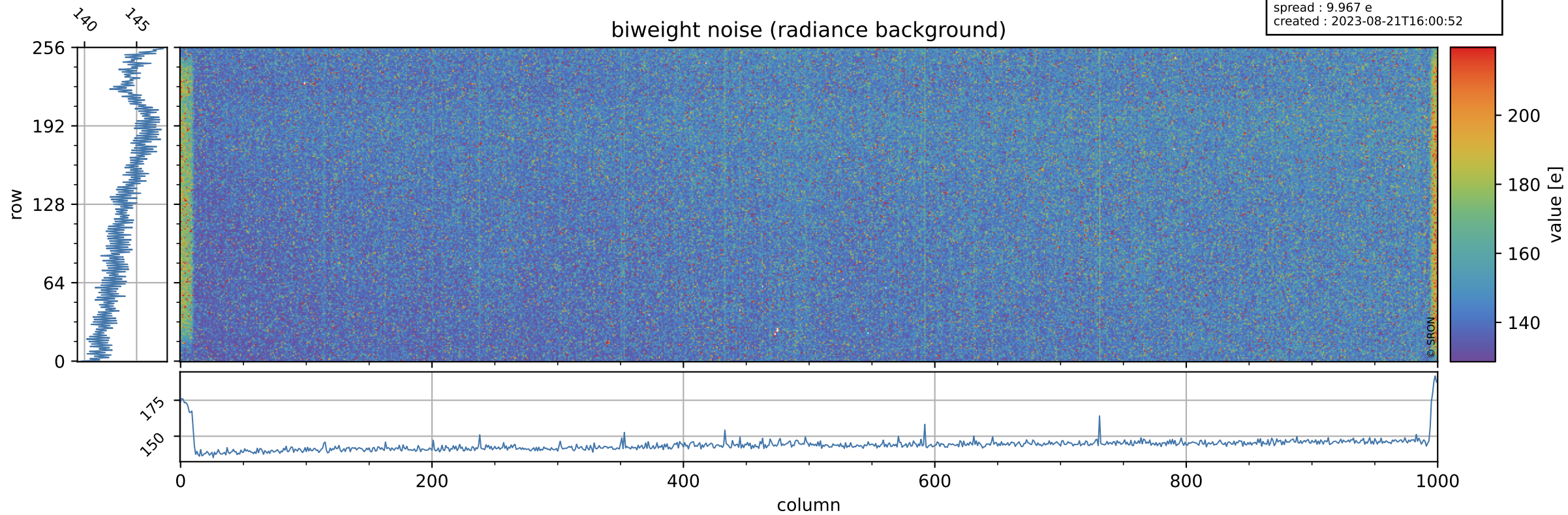
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18607, 18697]
coverage : 2021-05-17 / 2021-05-23
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.967 e
created : 2023-08-21T16:00:52

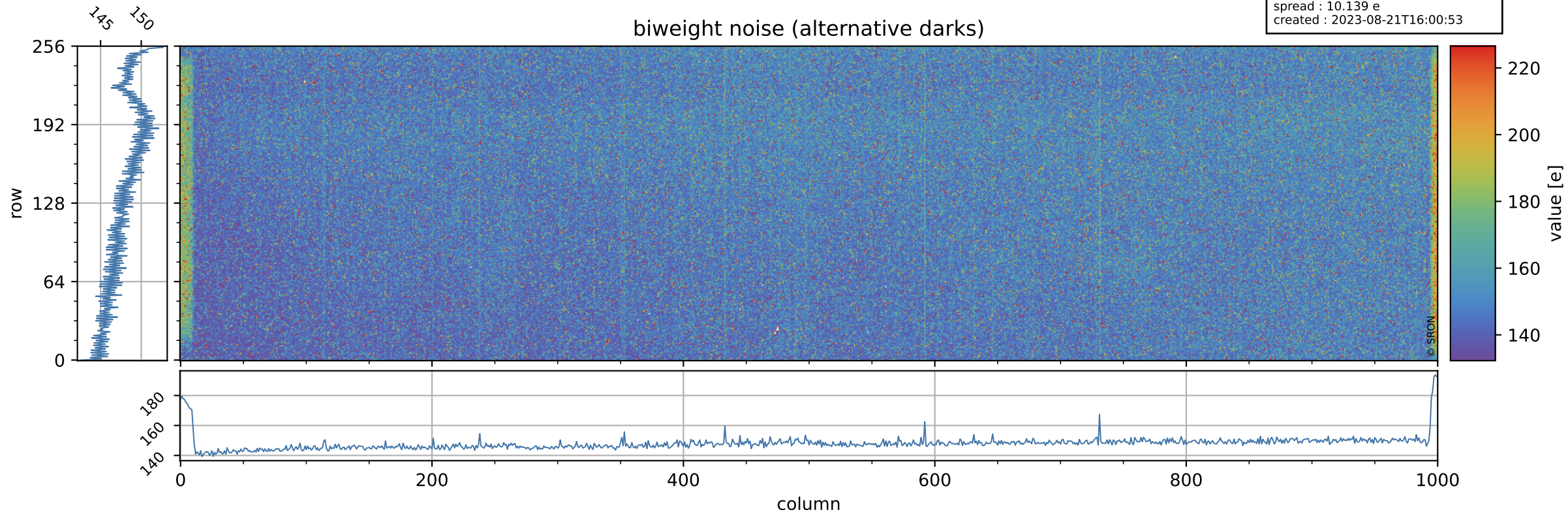
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18607, 18697]
coverage : 2021-05-17 / 2021-05-23
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.139 e
created : 2023-08-21T16:00:53

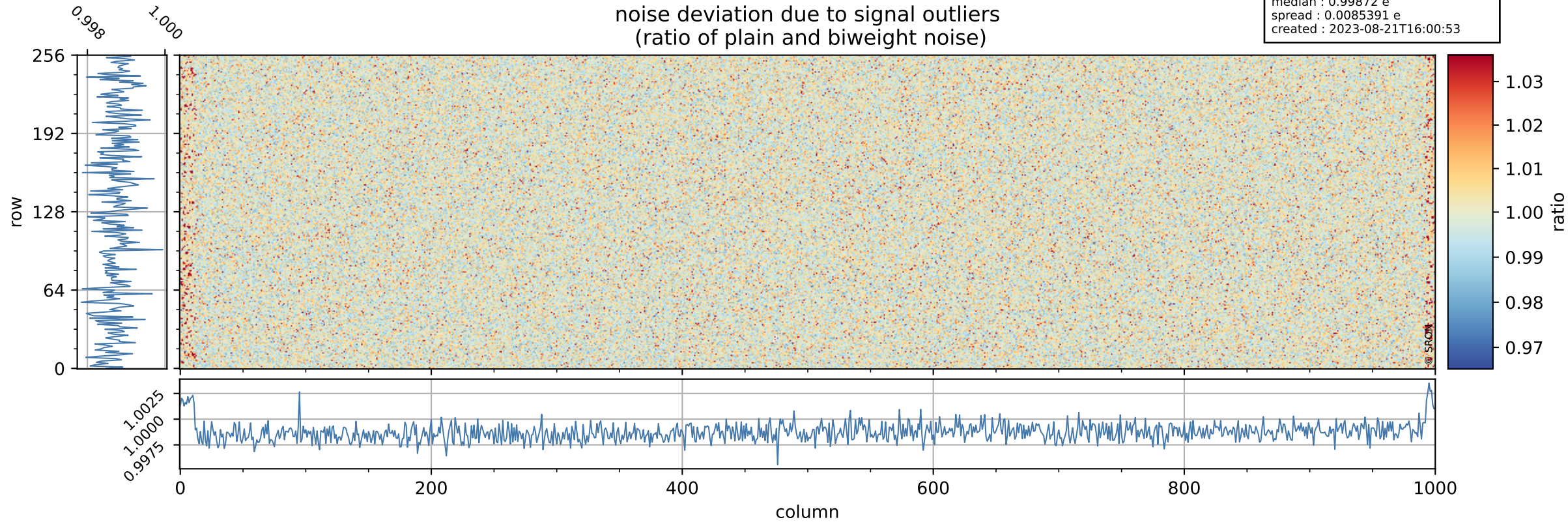
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

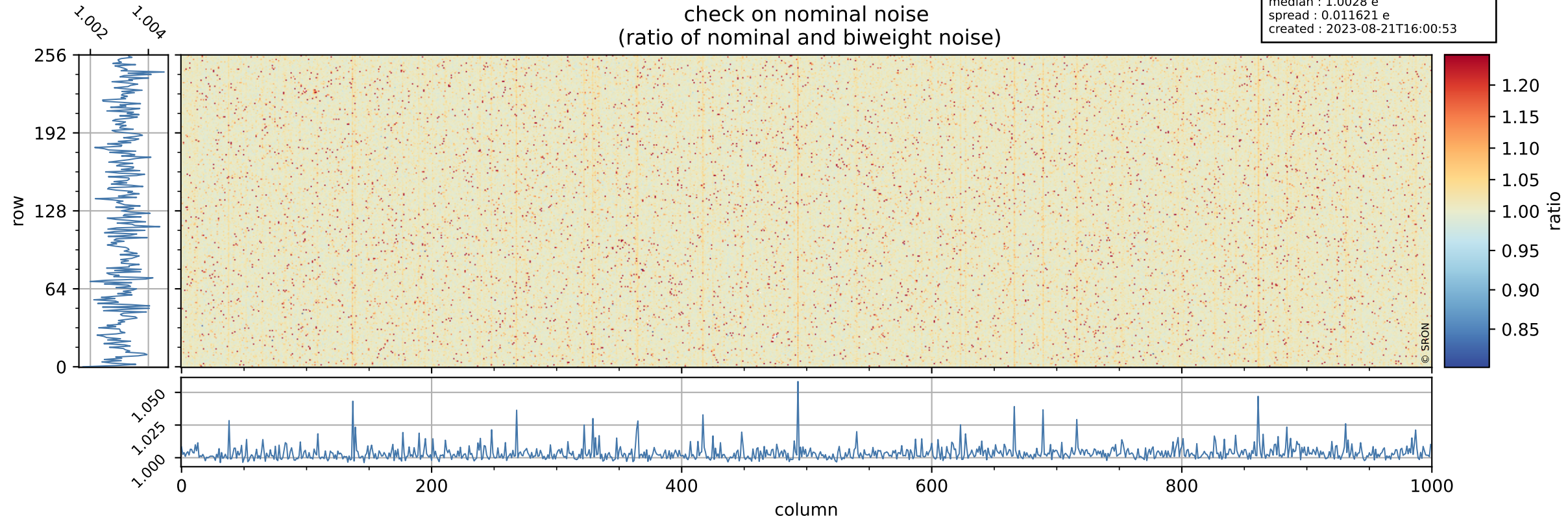
orbits : 13 in [18607, 18697]
coverage : 2021-05-17 / 2021-05-23
median : 0.99872 e
spread : 0.0085391 e
created : 2023-08-21T16:00:53



Tropomi SWIR background noise (swir)

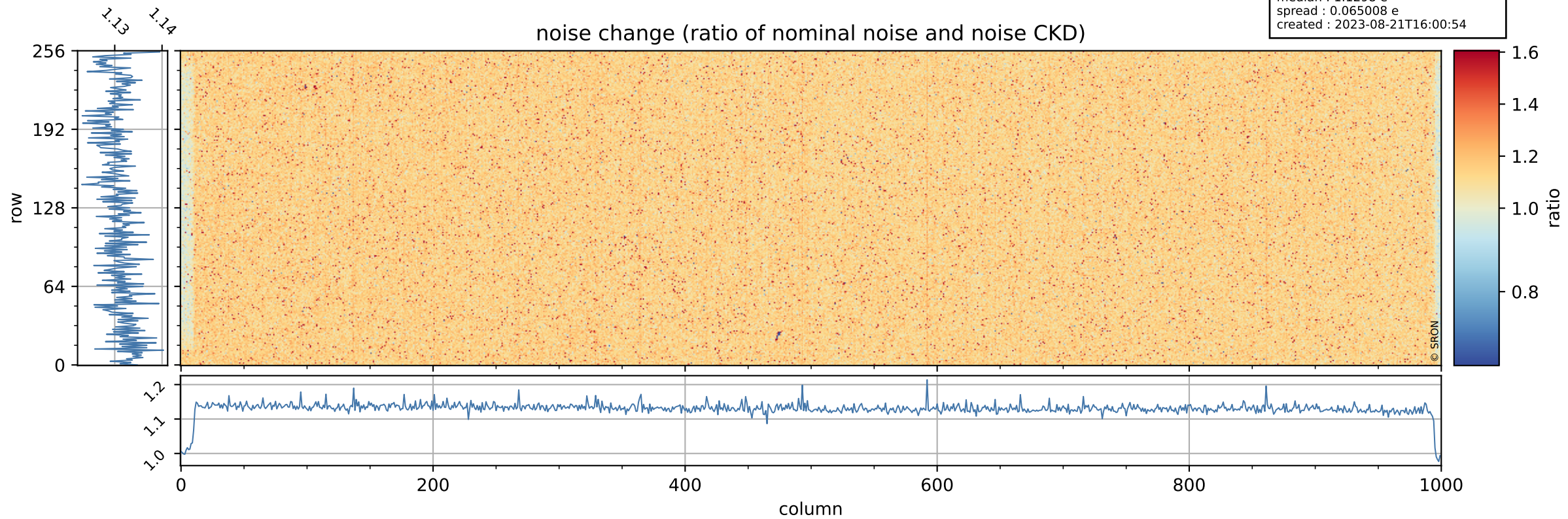
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [18607, 18697]
coverage : 2021-05-17 / 2021-05-23
median : 1.0028 e
spread : 0.011621 e
created : 2023-08-21T16:00:53



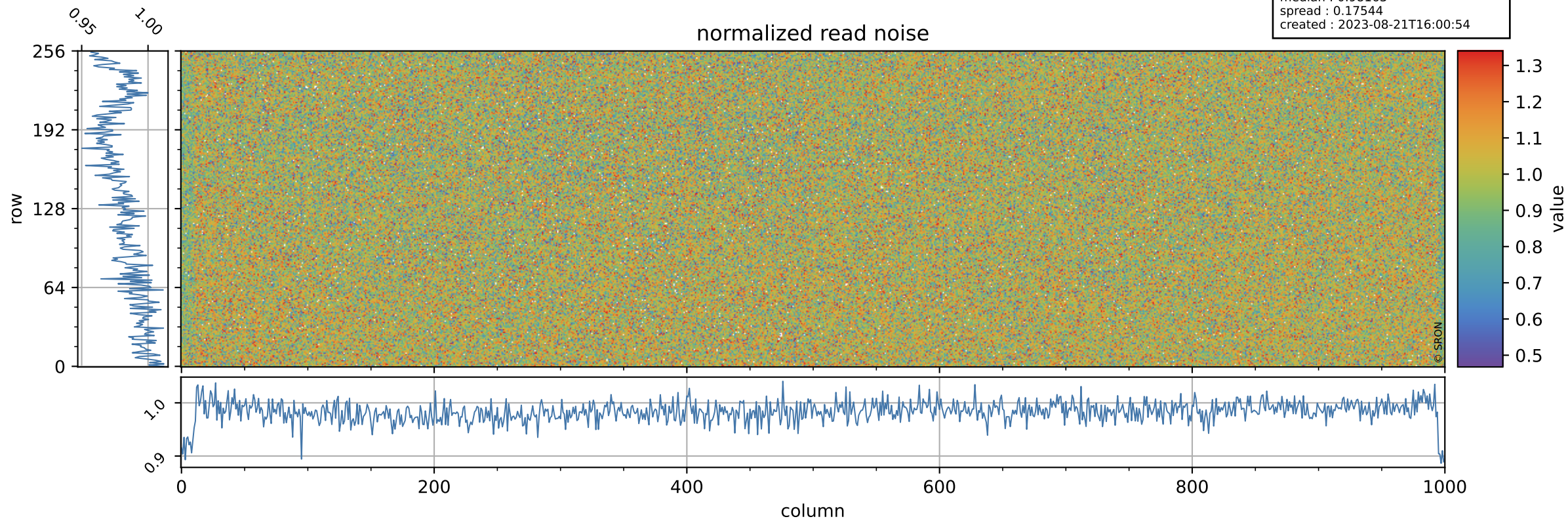
Tropomi SWIR background noise (swir)

orbits : 13 in [18607, 18697]
coverage : 2021-05-17 / 2021-05-23
median : 1.1298 e
spread : 0.065008 e
created : 2023-08-21T16:00:54



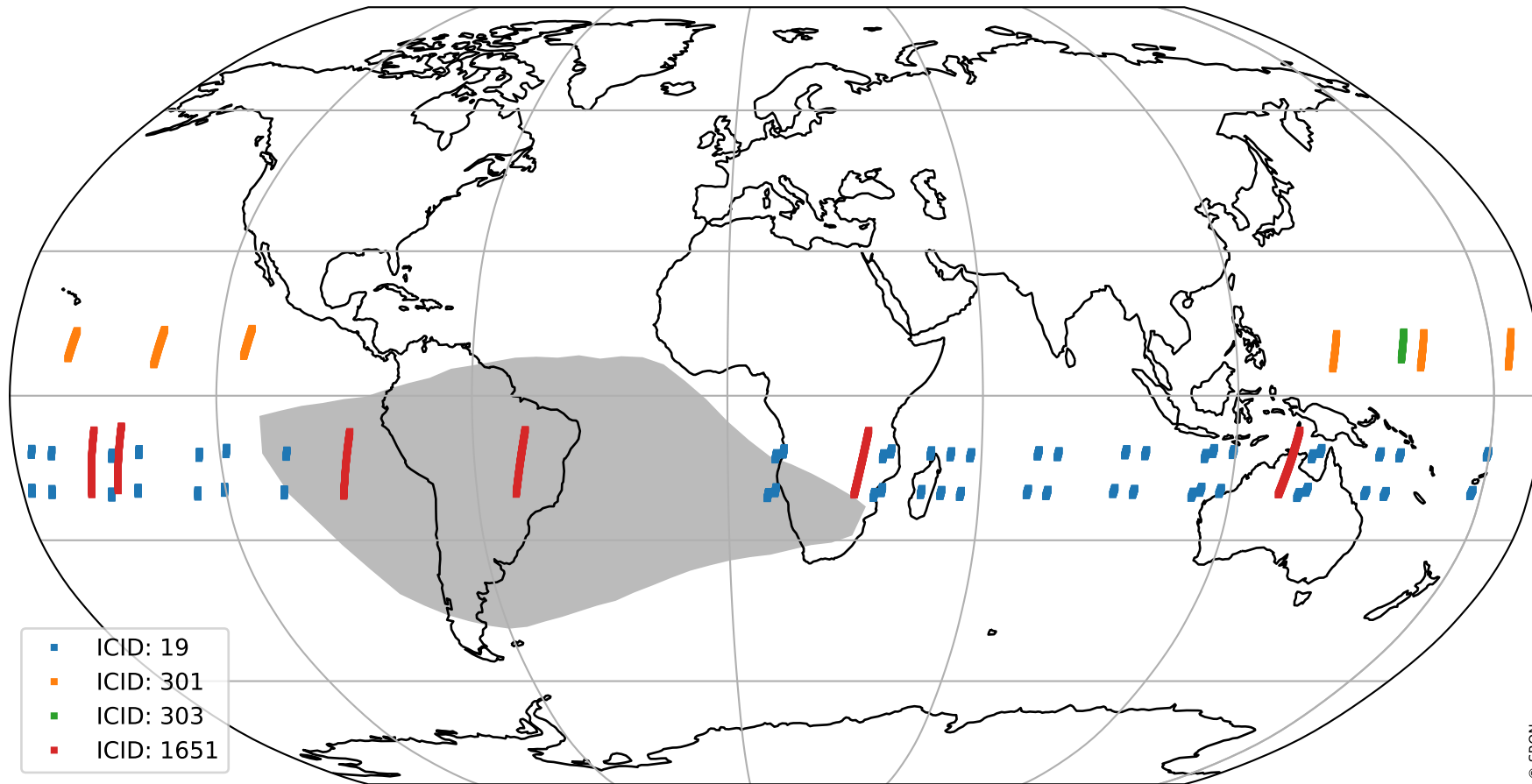
Tropomi SWIR background noise (swir)

orbits : 13 in [18607, 18697]
coverage : 2021-05-17 / 2021-05-23
median : 0.98163
spread : 0.17544
created : 2023-08-21T16:00:54



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

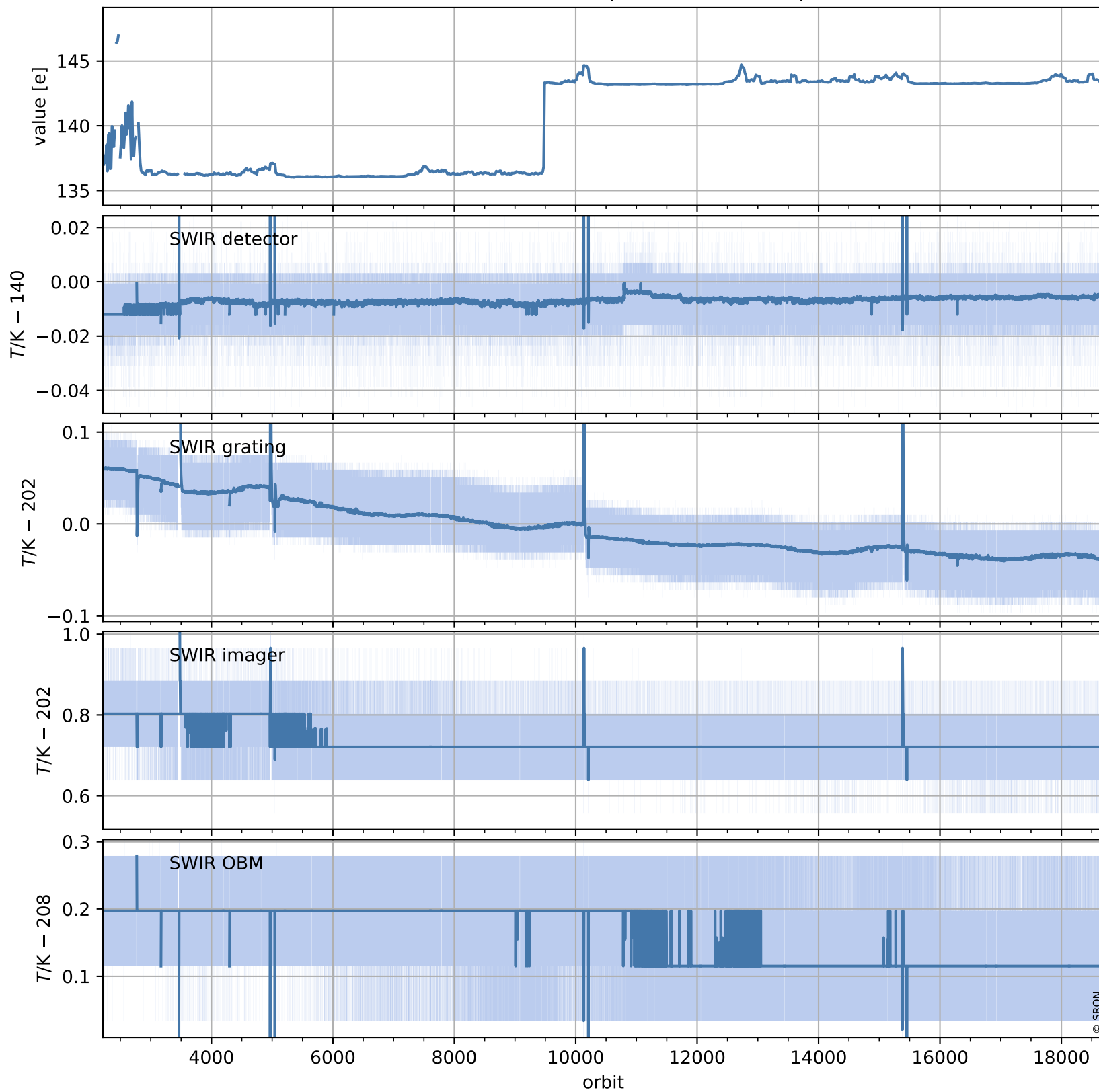
orbits : 13 in [18607, 18697]
coverage : 2021-05-17 / 2021-05-23
created : 2023-08-21T16:00:54



Tropomi SWIR background noise (swir)

orbits : [2212, 18697]
coverage : 2018-03-18 / 2021-05-23
created : 2023-08-21T16:00:55

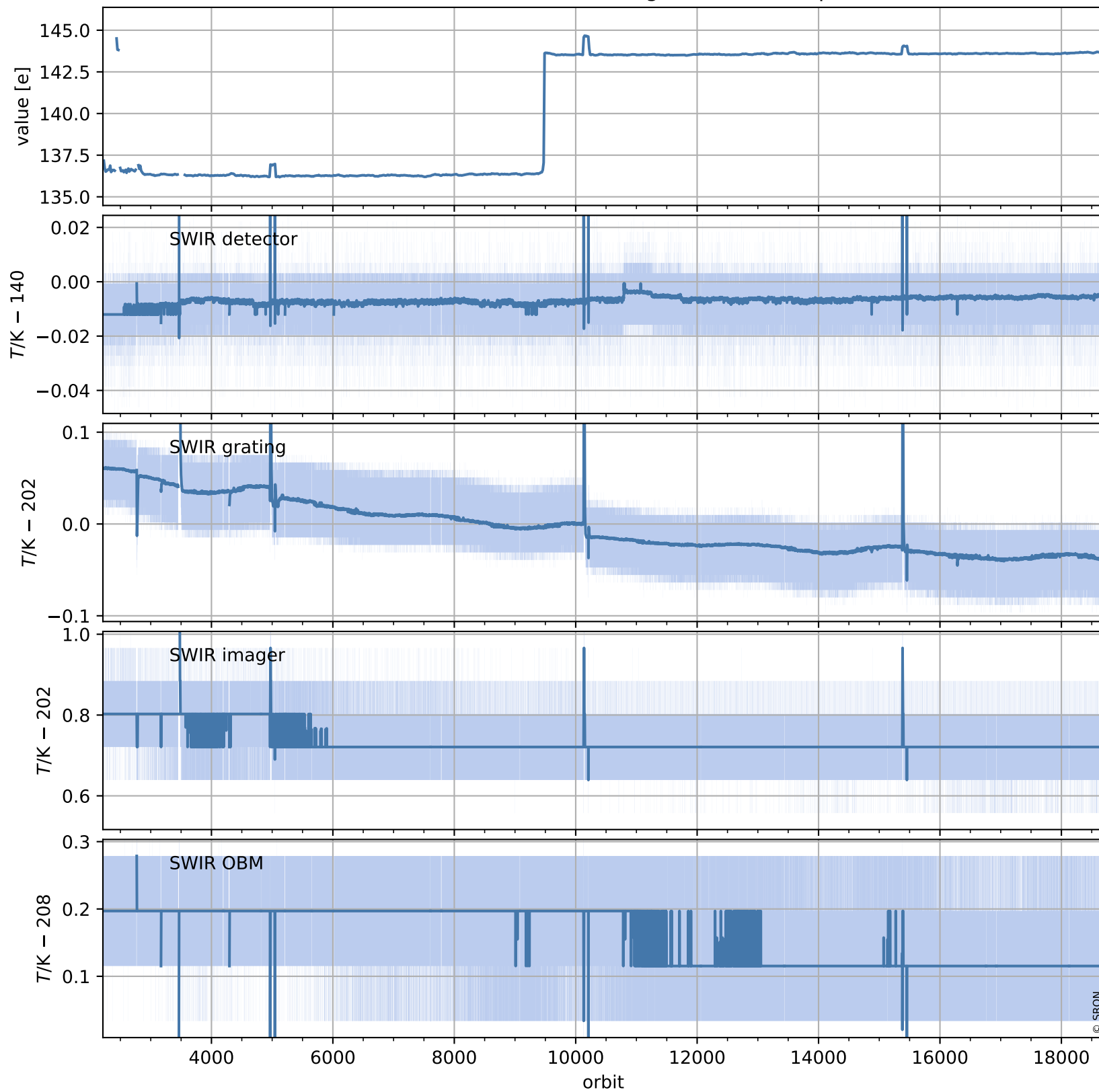
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18697]
coverage : 2018-03-18 / 2021-05-23
created : 2023-08-21T16:00:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18697]
coverage : 2018-03-18 / 2021-05-23
created : 2023-08-21T16:00:56

trend of normalized read-noise & temperatures

