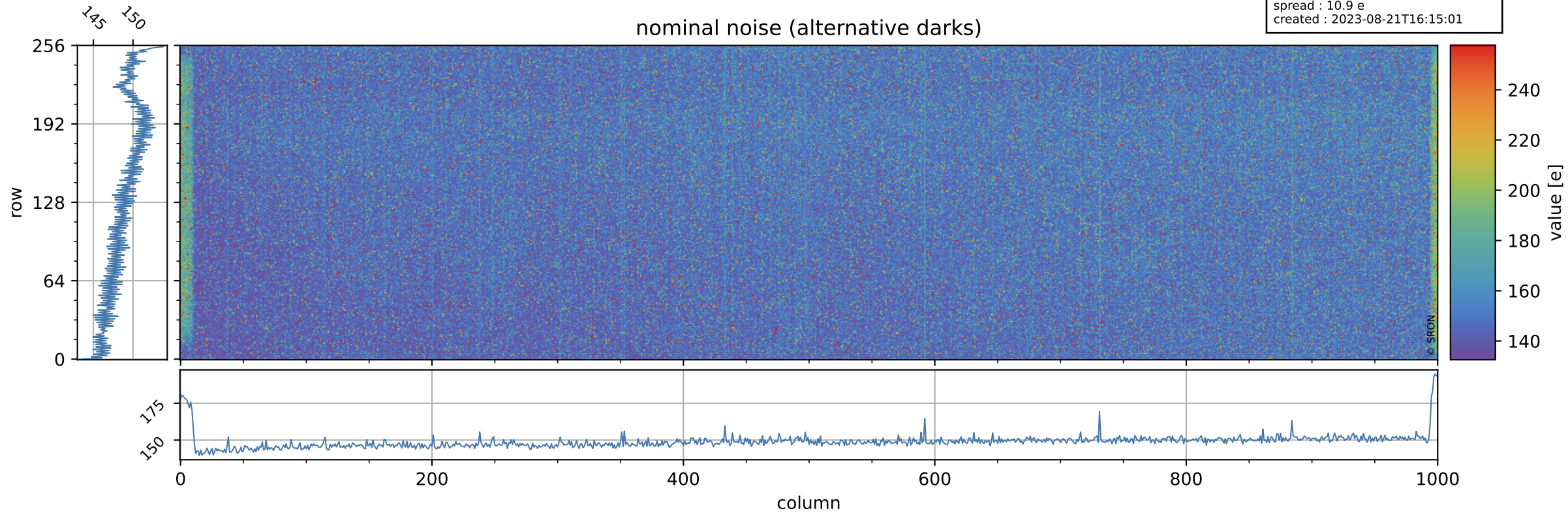


Tropomi SWIR background noise (swir)

orbits : 12 in [20932, 21022]
coverage : 2021-10-28 / 2021-11-02
n_coad, t_exp : 1, 1.0783
median : 148.78 e
spread : 10.9 e
created : 2023-08-21T16:15:01

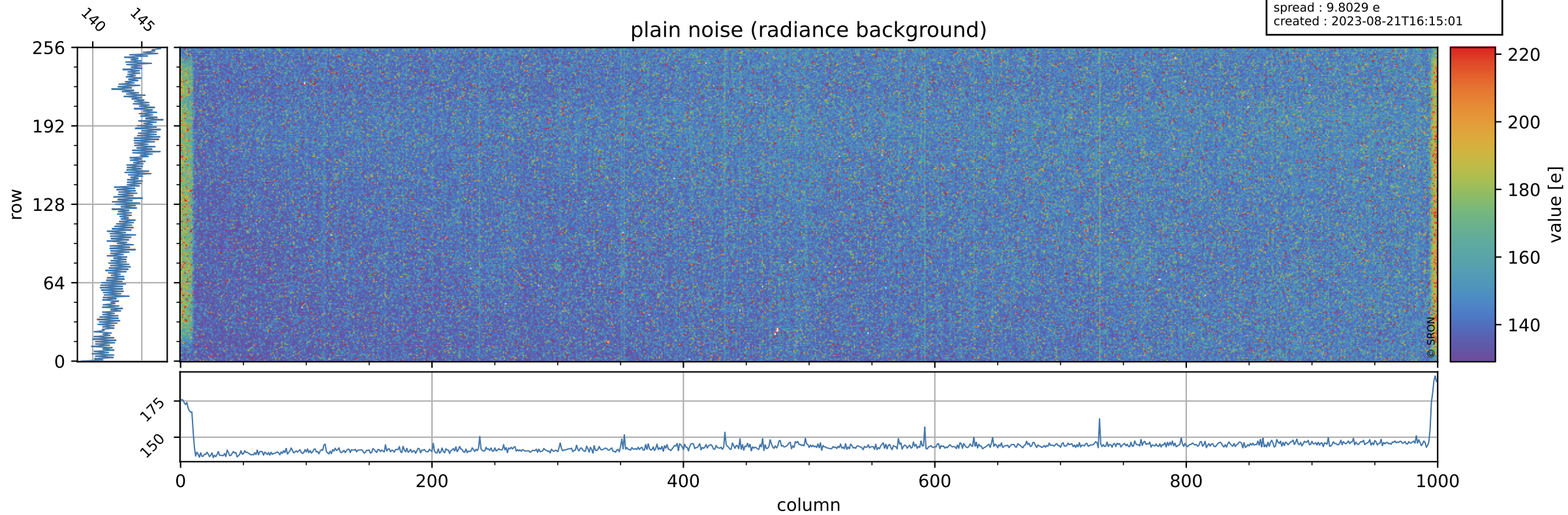
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20932, 21022]
coverage : 2021-10-28 / 2021-11-02
n_coad, t_exp : 1, 0.8383
median : 143.47 e
spread : 9.8029 e
created : 2023-08-21T16:15:01

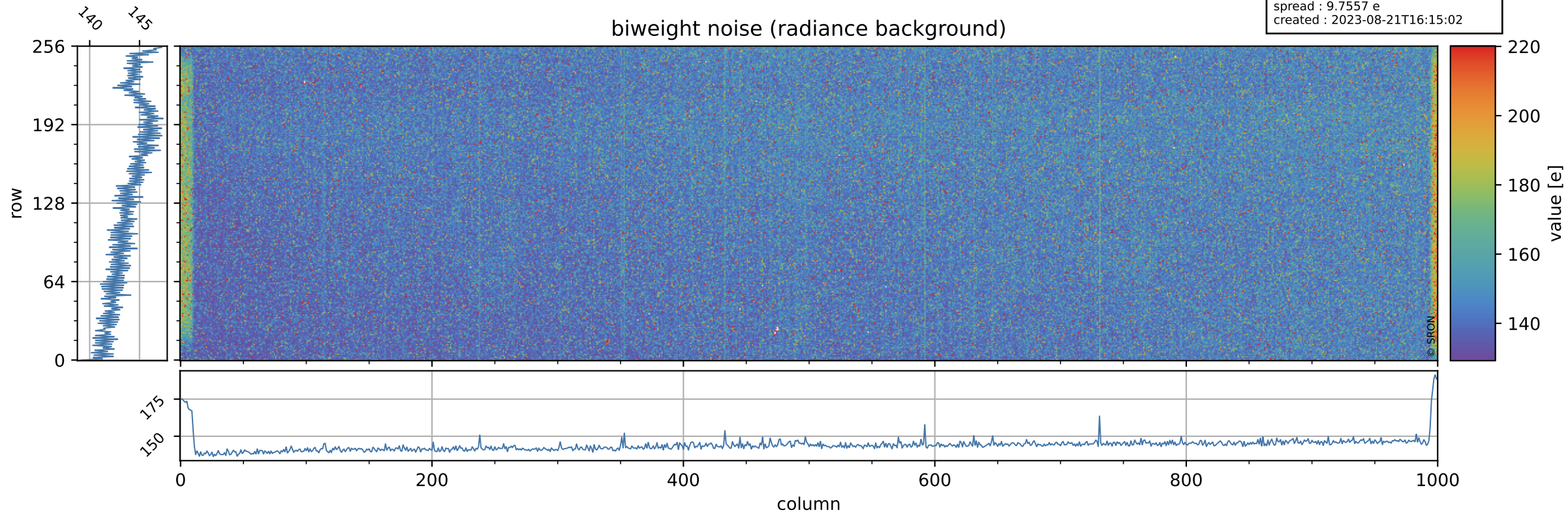
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20932, 21022]
coverage : 2021-10-28 / 2021-11-02
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7557 e
created : 2023-08-21T16:15:02

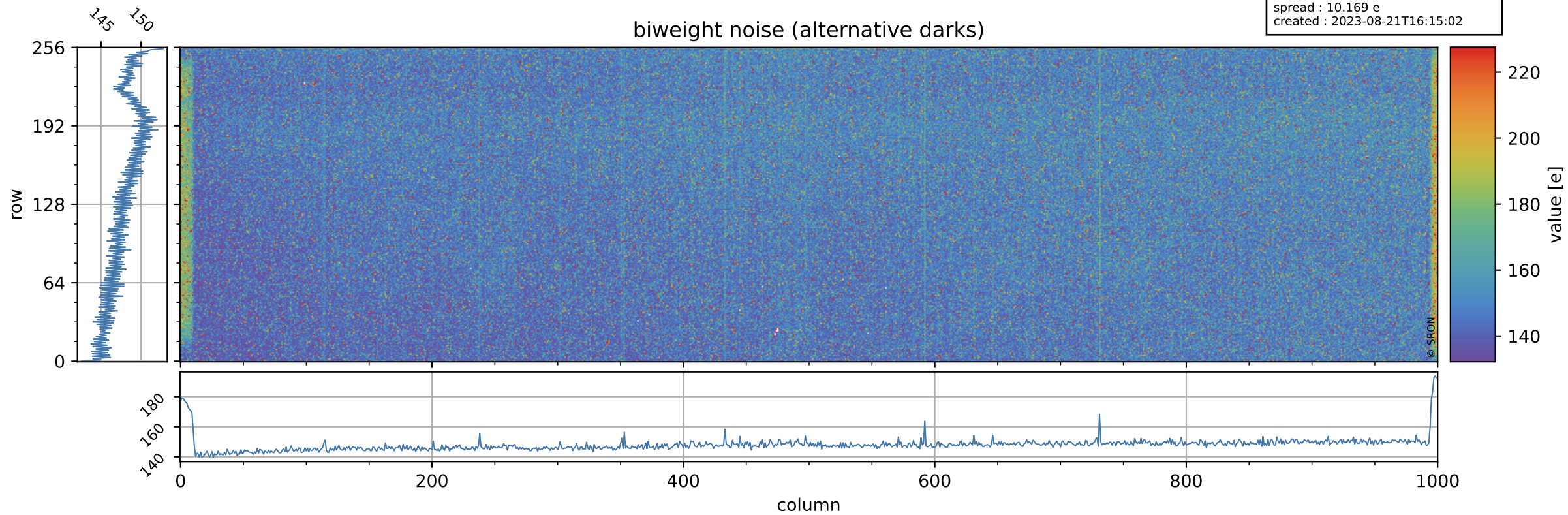
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20932, 21022]
coverage : 2021-10-28 / 2021-11-02
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.169 e
created : 2023-08-21T16:15:02

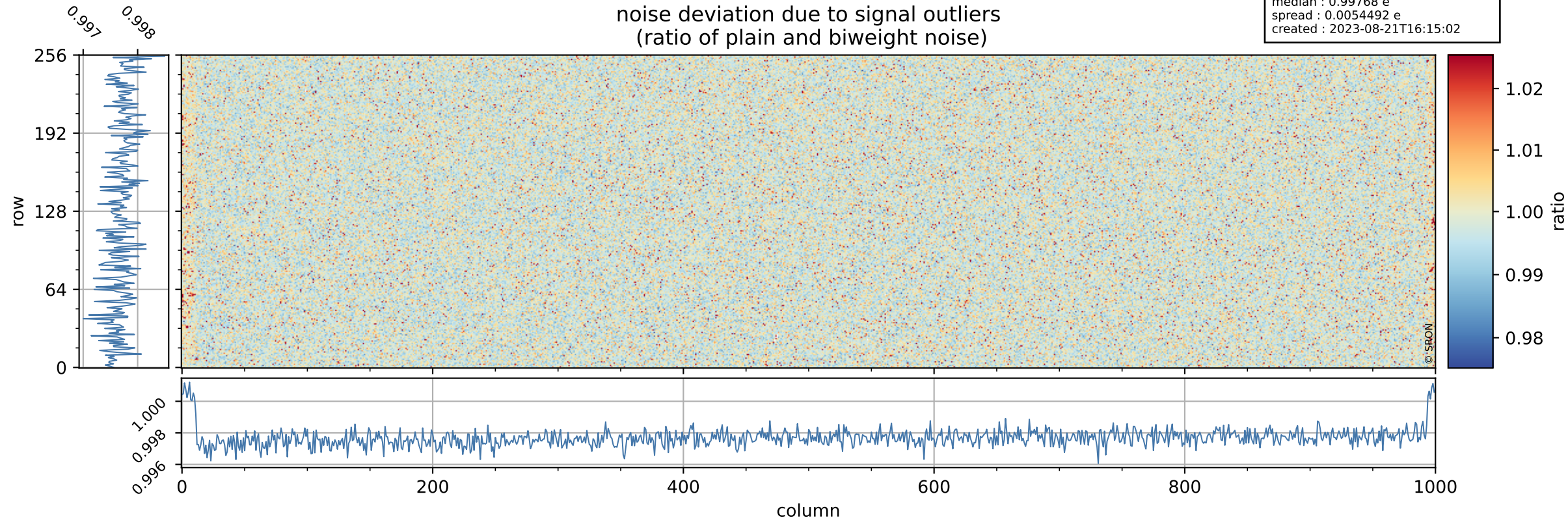
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

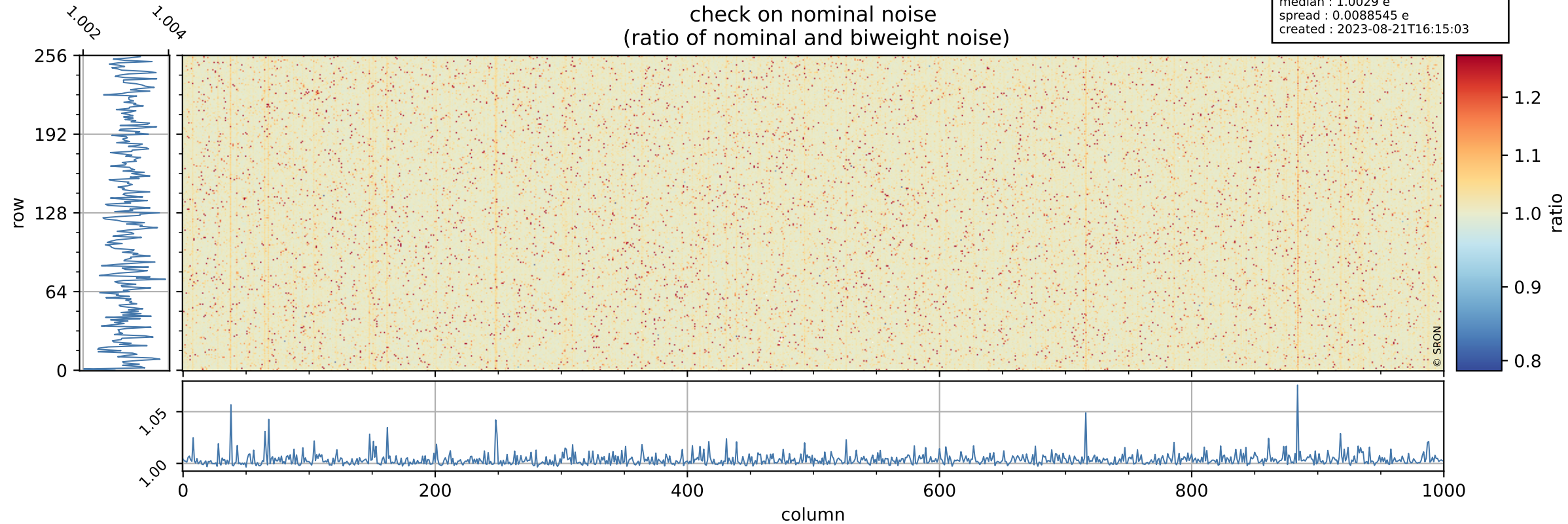
orbits : 12 in [20932, 21022]
coverage : 2021-10-28 / 2021-11-02
median : 0.99768 e
spread : 0.0054492 e
created : 2023-08-21T16:15:02



Tropomi SWIR background noise (swir)

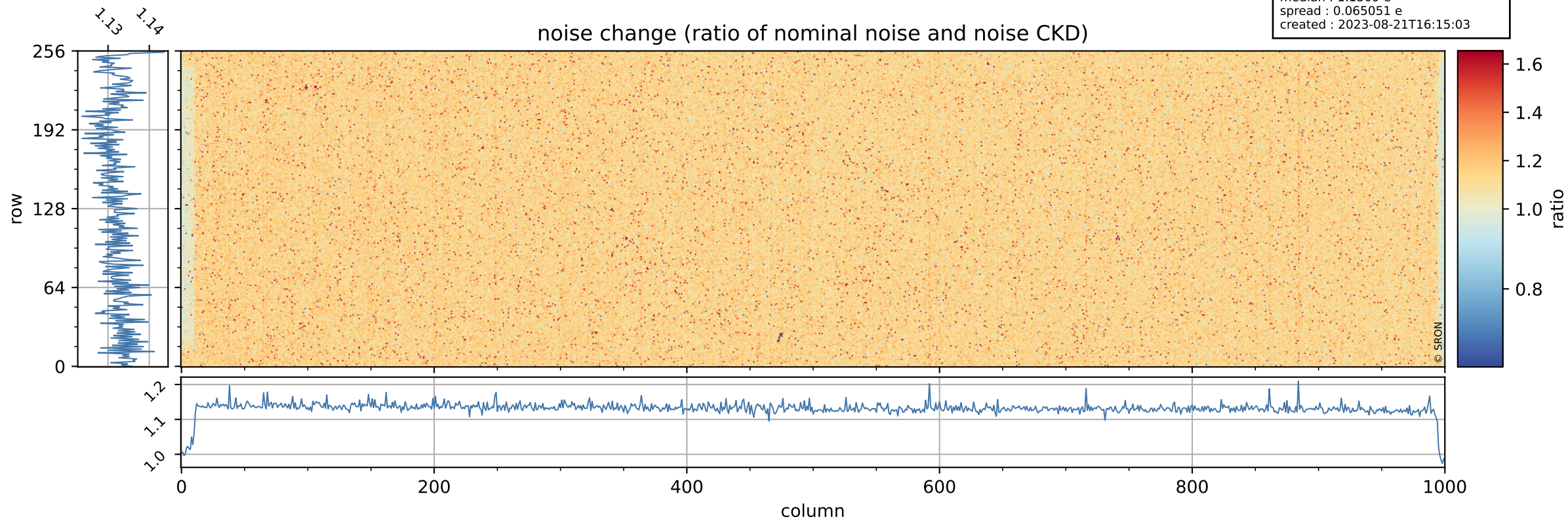
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20932, 21022]
coverage : 2021-10-28 / 2021-11-02
median : 1.0029 e
spread : 0.0088545 e
created : 2023-08-21T16:15:03



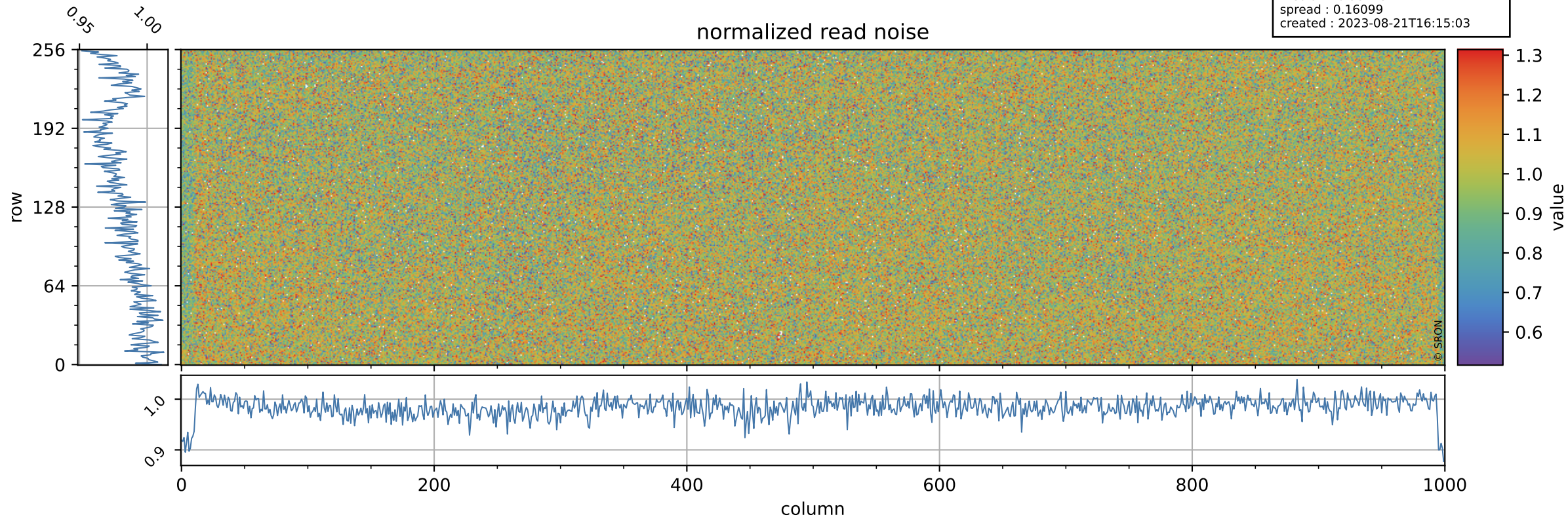
Tropomi SWIR background noise (swir)

orbits : 12 in [20932, 21022]
coverage : 2021-10-28 / 2021-11-02
median : 1.1309 e
spread : 0.065051 e
created : 2023-08-21T16:15:03



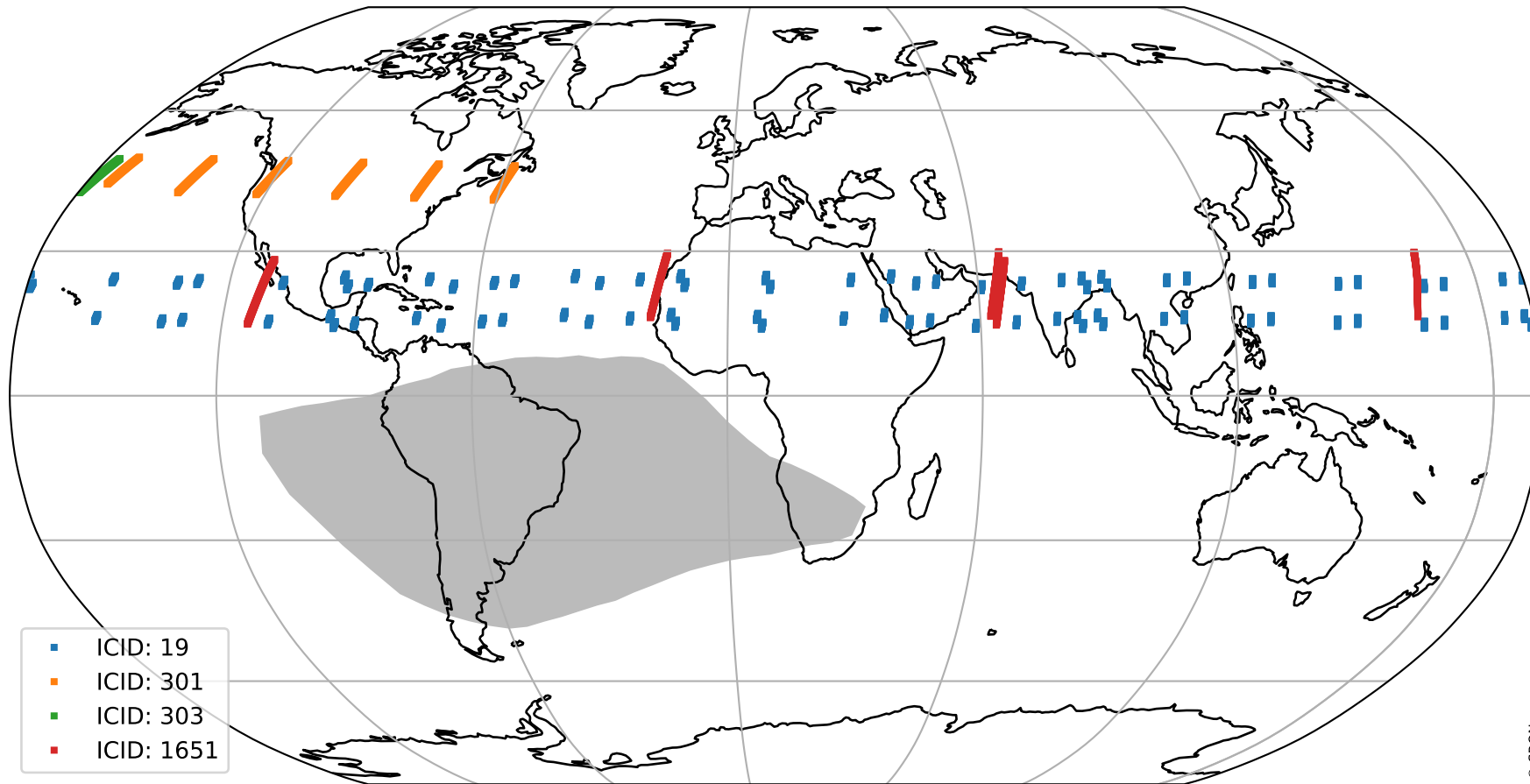
Tropomi SWIR background noise (swir)

orbits : 12 in [20932, 21022]
coverage : 2021-10-28 / 2021-11-02
median : 0.98243
spread : 0.16099
created : 2023-08-21T16:15:03



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

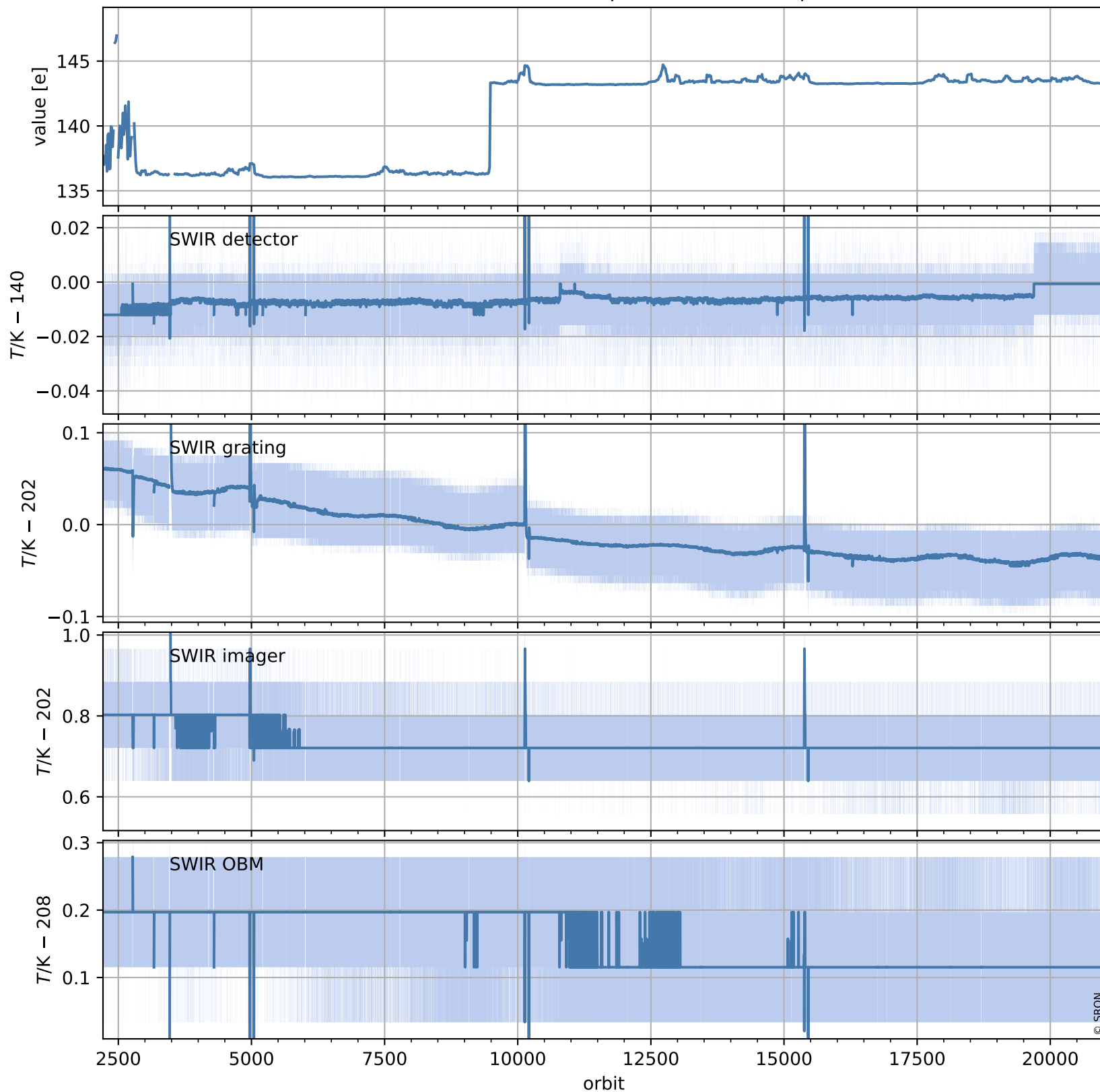
orbits : 12 in [20932, 21022]
coverage : 2021-10-28 / 2021-11-02
created : 2023-08-21T16:15:04



Tropomi SWIR background noise (swir)

orbits : [2212, 21022]
coverage : 2018-03-18 / 2021-11-02
created : 2023-08-21T16:15:04

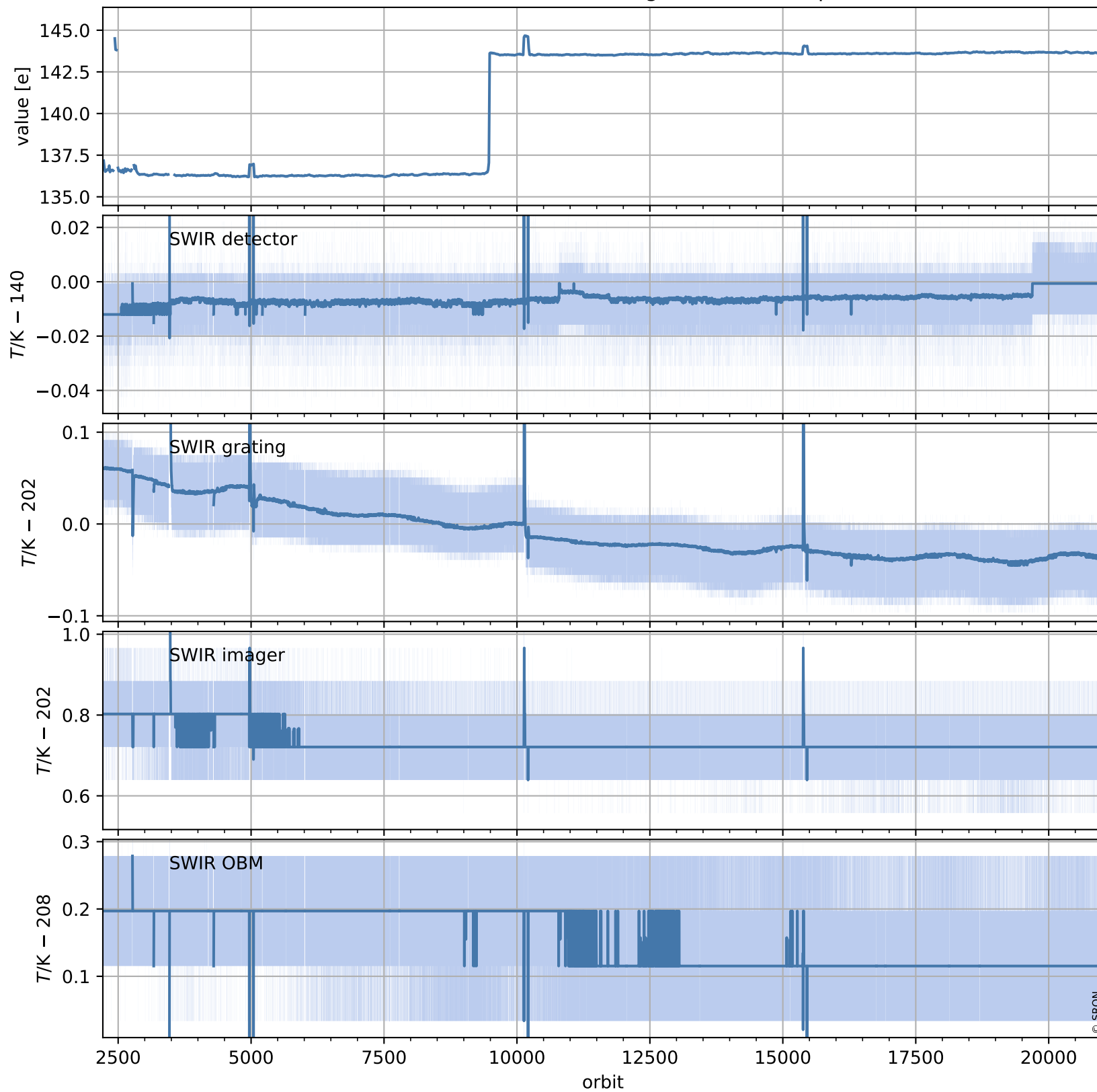
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21022]
coverage : 2018-03-18 / 2021-11-02
created : 2023-08-21T16:15:05

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21022]
coverage : 2018-03-18 / 2021-11-02
created : 2023-08-21T16:15:06

trend of normalized read-noise & temperatures

