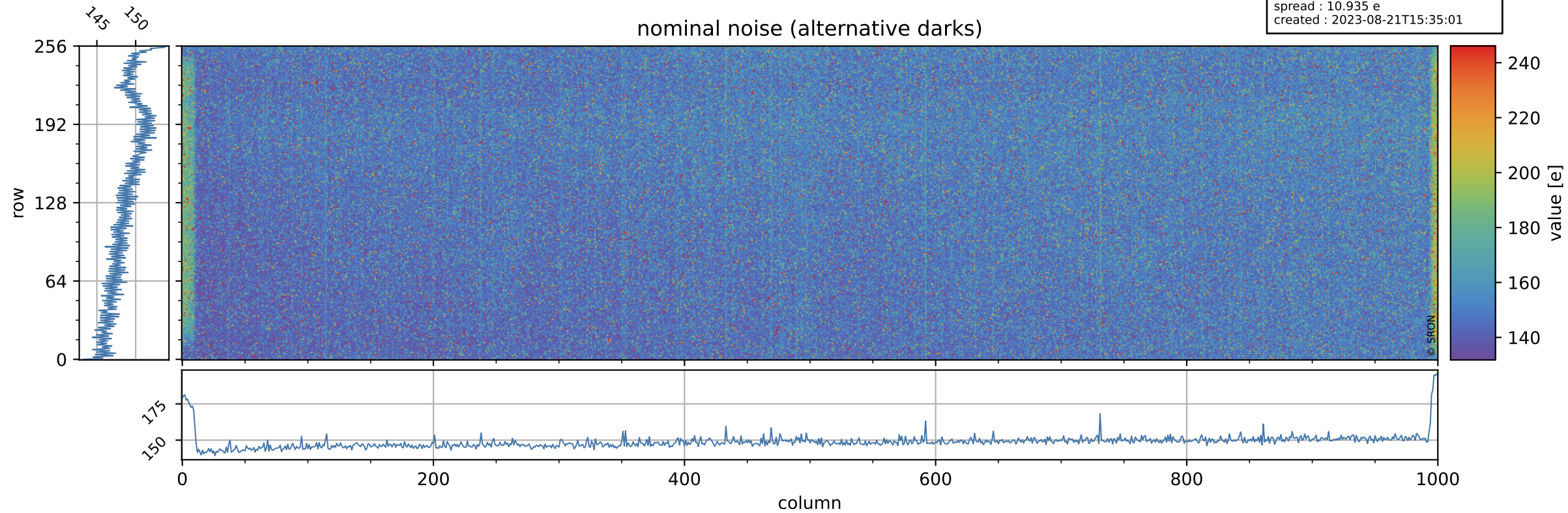


Tropomi SWIR background noise (swir)

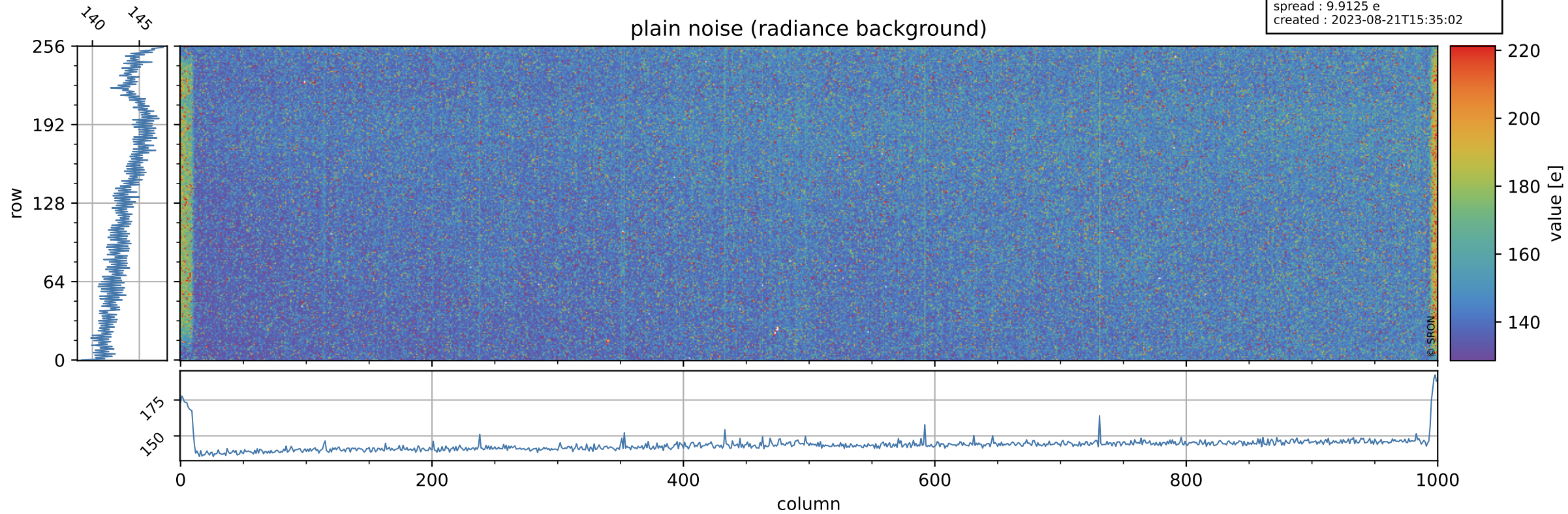
orbits : 12 in [14077, 14167]
coverage : 2020-07-02 / 2020-07-08
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.935 e
created : 2023-08-21T15:35:01



Tropomi SWIR background noise (swir)

orbits : 12 in [14077, 14167]
coverage : 2020-07-02 / 2020-07-08
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.9125 e
created : 2023-08-21T15:35:02

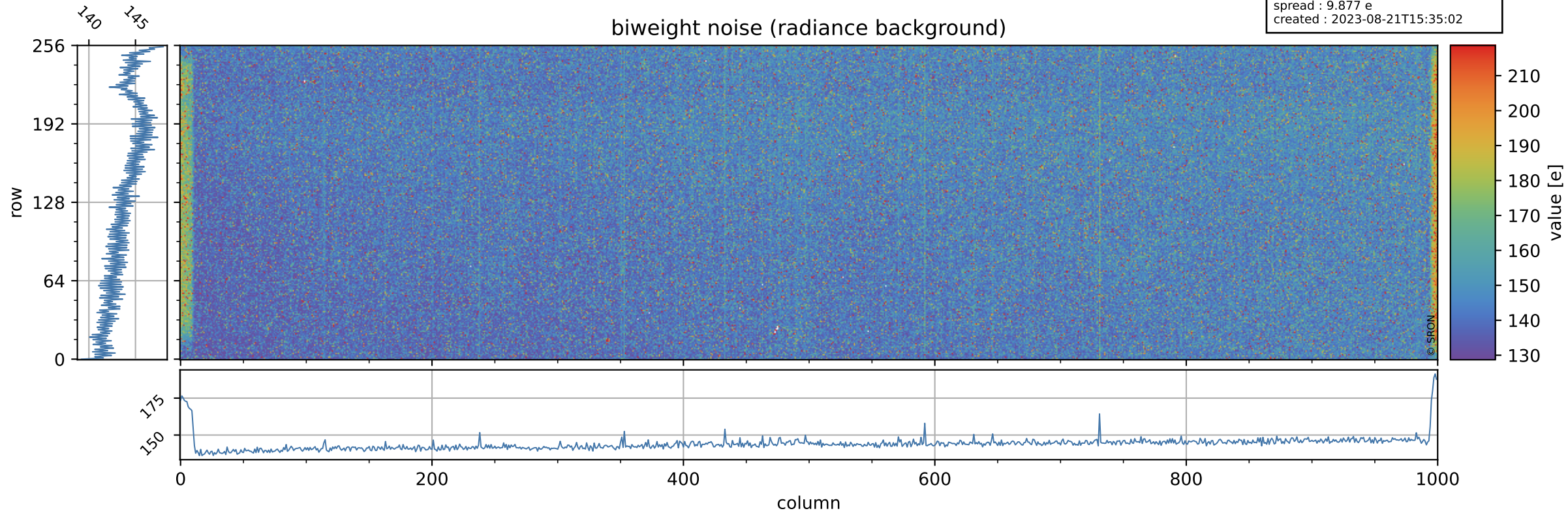
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14077, 14167]
coverage : 2020-07-02 / 2020-07-08
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.877 e
created : 2023-08-21T15:35:02

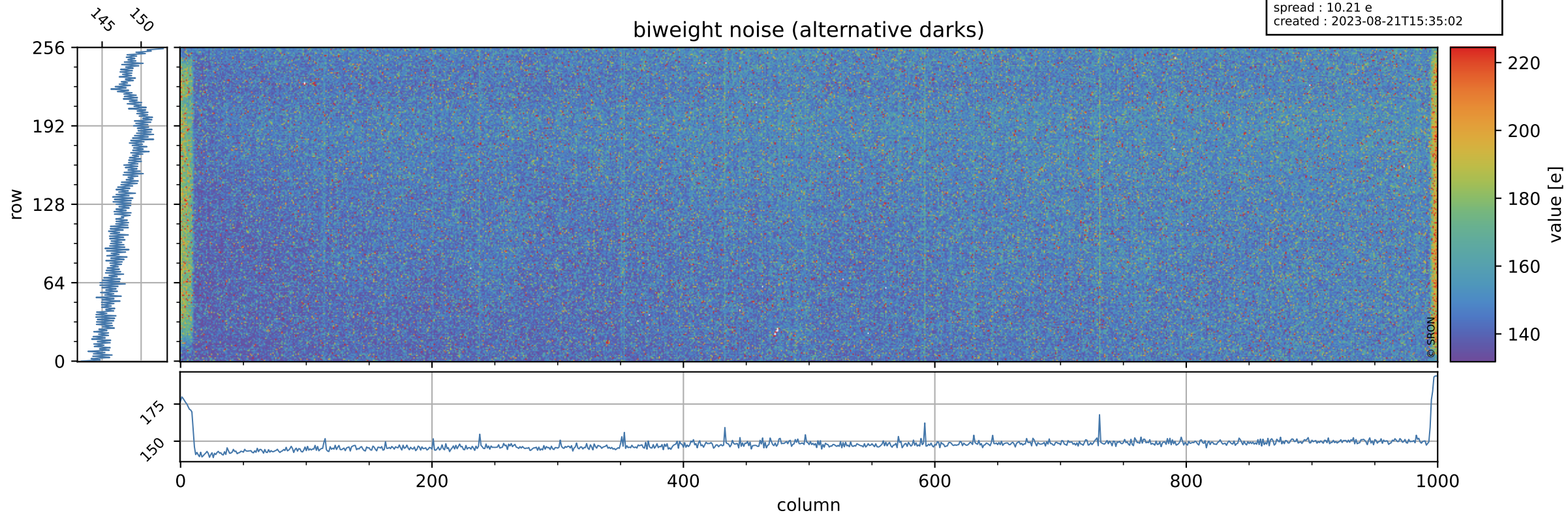
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14077, 14167]
coverage : 2020-07-02 / 2020-07-08
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.21 e
created : 2023-08-21T15:35:02

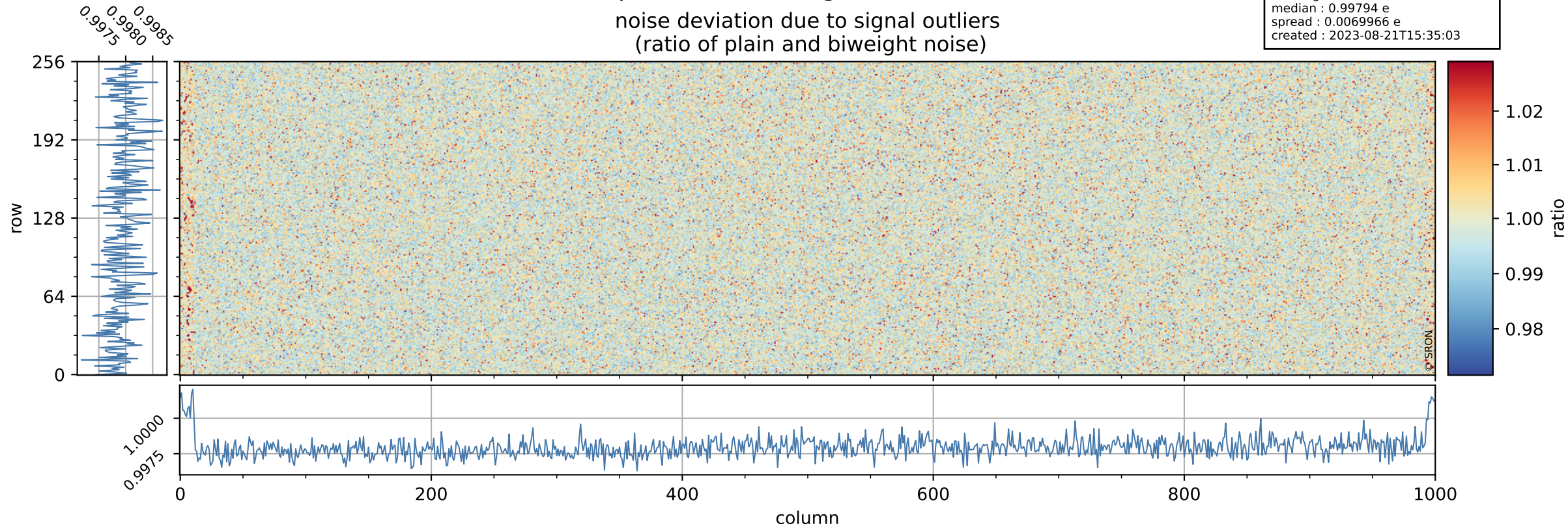
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

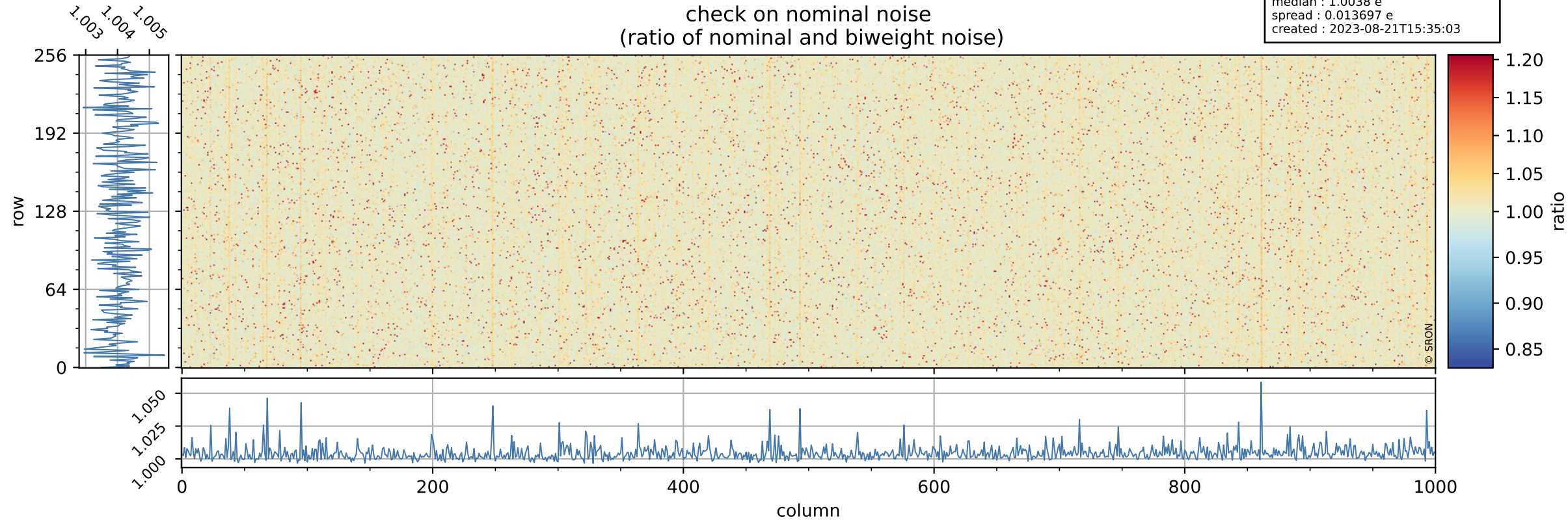
orbits : 12 in [14077, 14167]
coverage : 2020-07-02 / 2020-07-08
median : 0.99794 e
spread : 0.0069966 e
created : 2023-08-21T15:35:03



Tropomi SWIR background noise (swir)

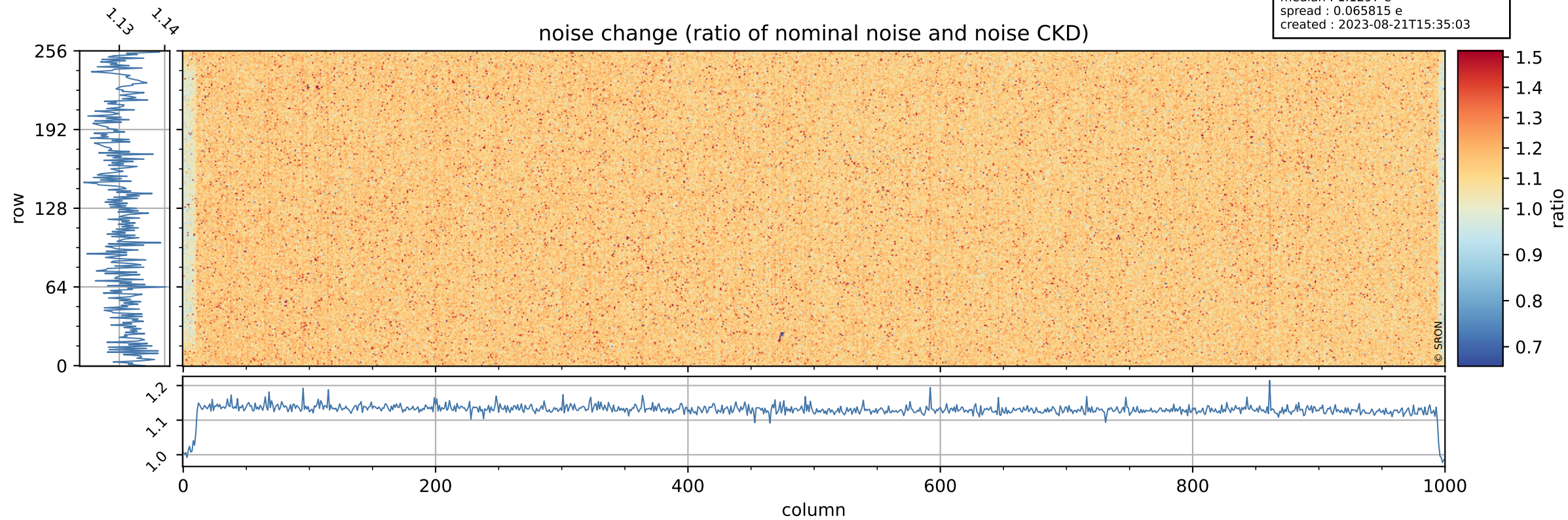
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14077, 14167]
coverage : 2020-07-02 / 2020-07-08
median : 1.0038 e
spread : 0.013697 e
created : 2023-08-21T15:35:03



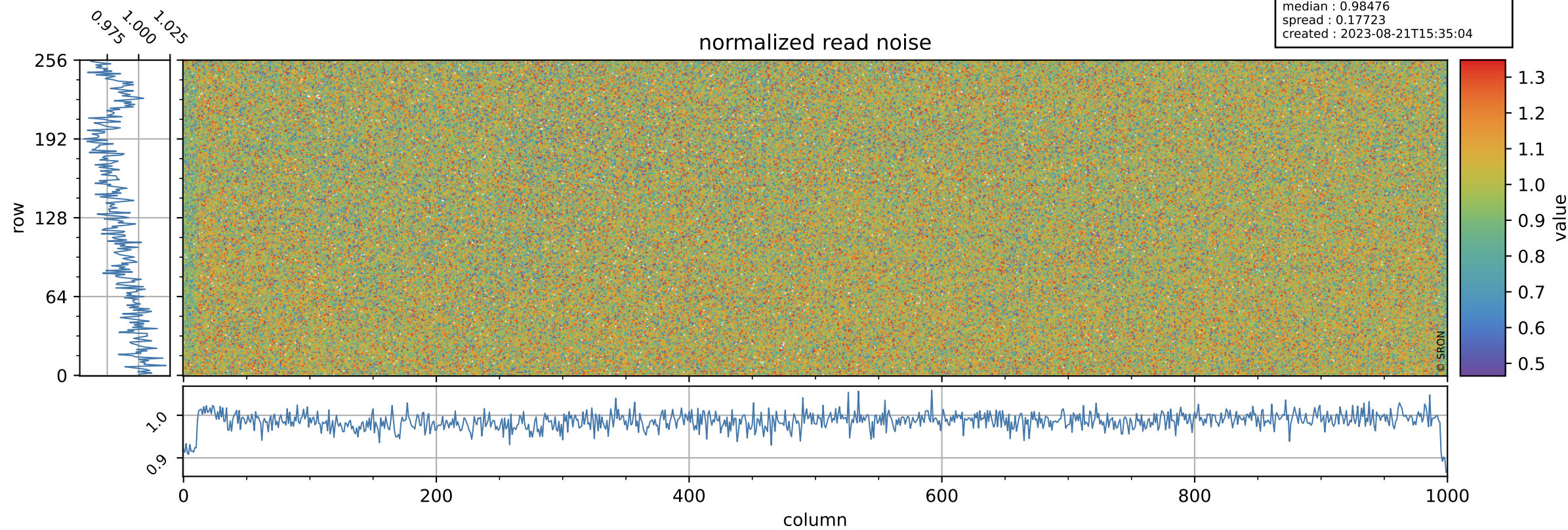
Tropomi SWIR background noise (swir)

orbits : 12 in [14077, 14167]
coverage : 2020-07-02 / 2020-07-08
median : 1.1297 e
spread : 0.065815 e
created : 2023-08-21T15:35:03



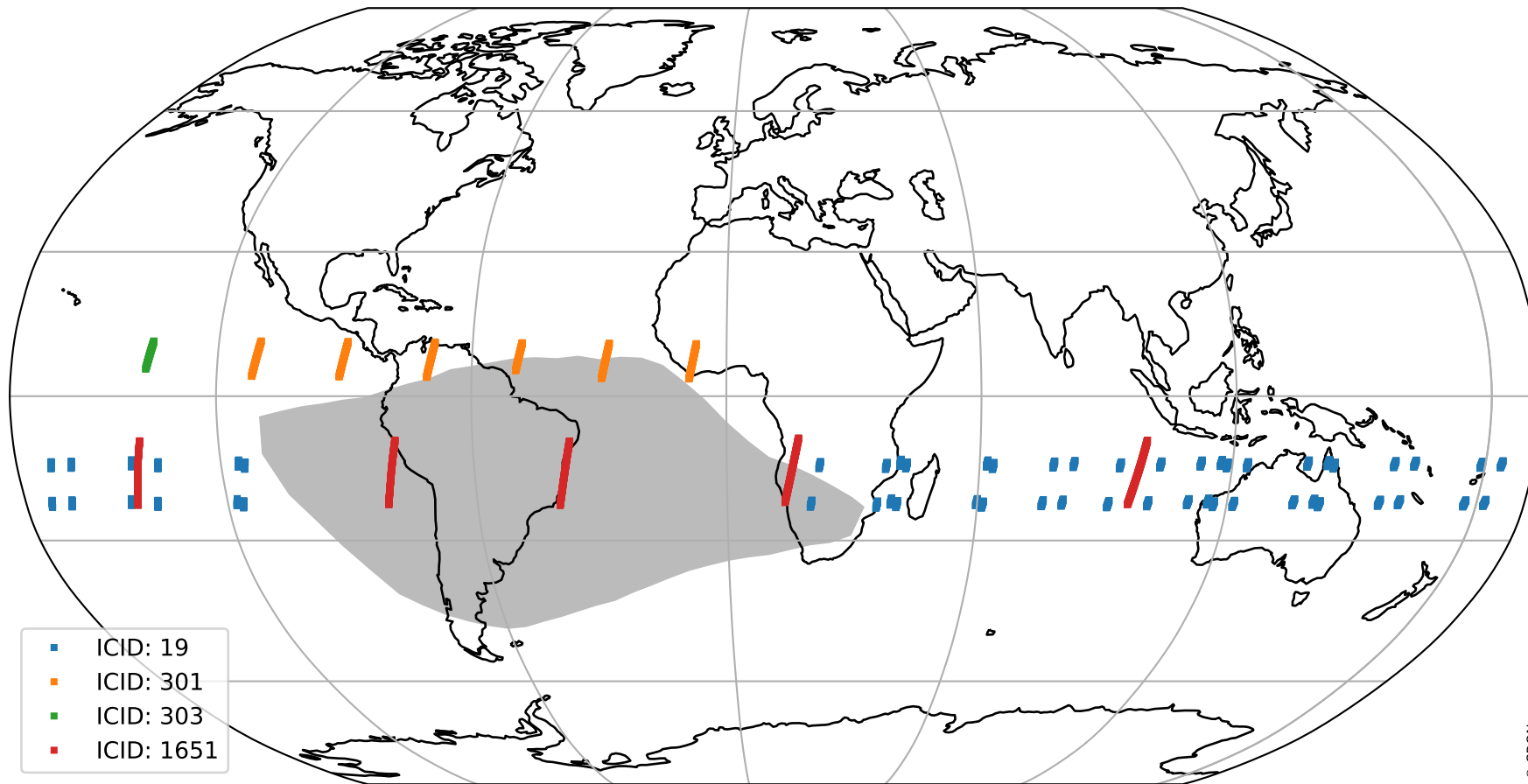
Tropomi SWIR background noise (swir)

orbits : 12 in [14077, 14167]
coverage : 2020-07-02 / 2020-07-08
median : 0.98476
spread : 0.17723
created : 2023-08-21T15:35:04



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

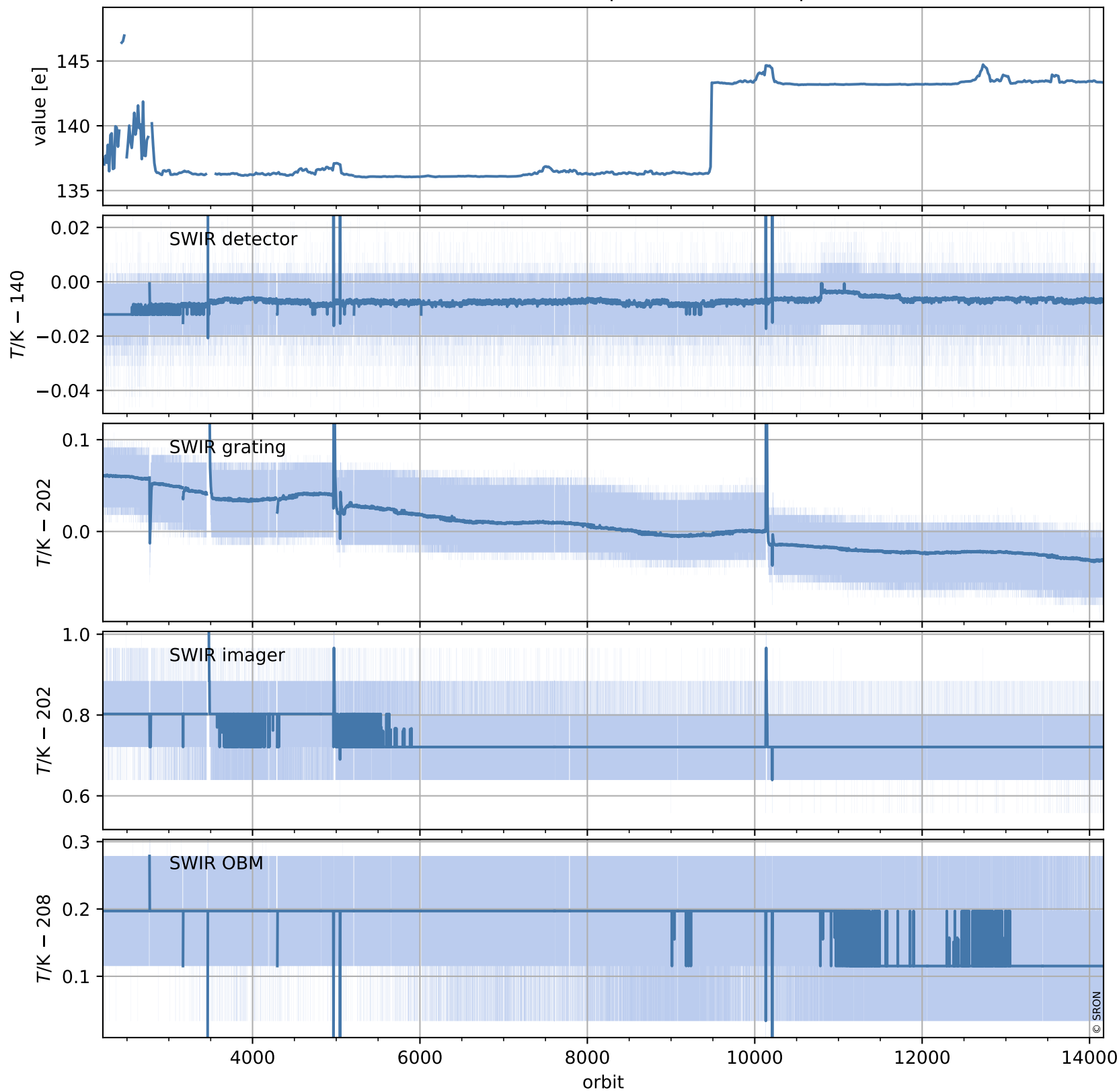
orbits : 12 in [14077, 14167]
coverage : 2020-07-02 / 2020-07-08
created : 2023-08-21T15:35:04



Tropomi SWIR background noise (swir)

orbits : [2212, 14167]
coverage : 2018-03-18 / 2020-07-08
created : 2023-08-21T15:35:04

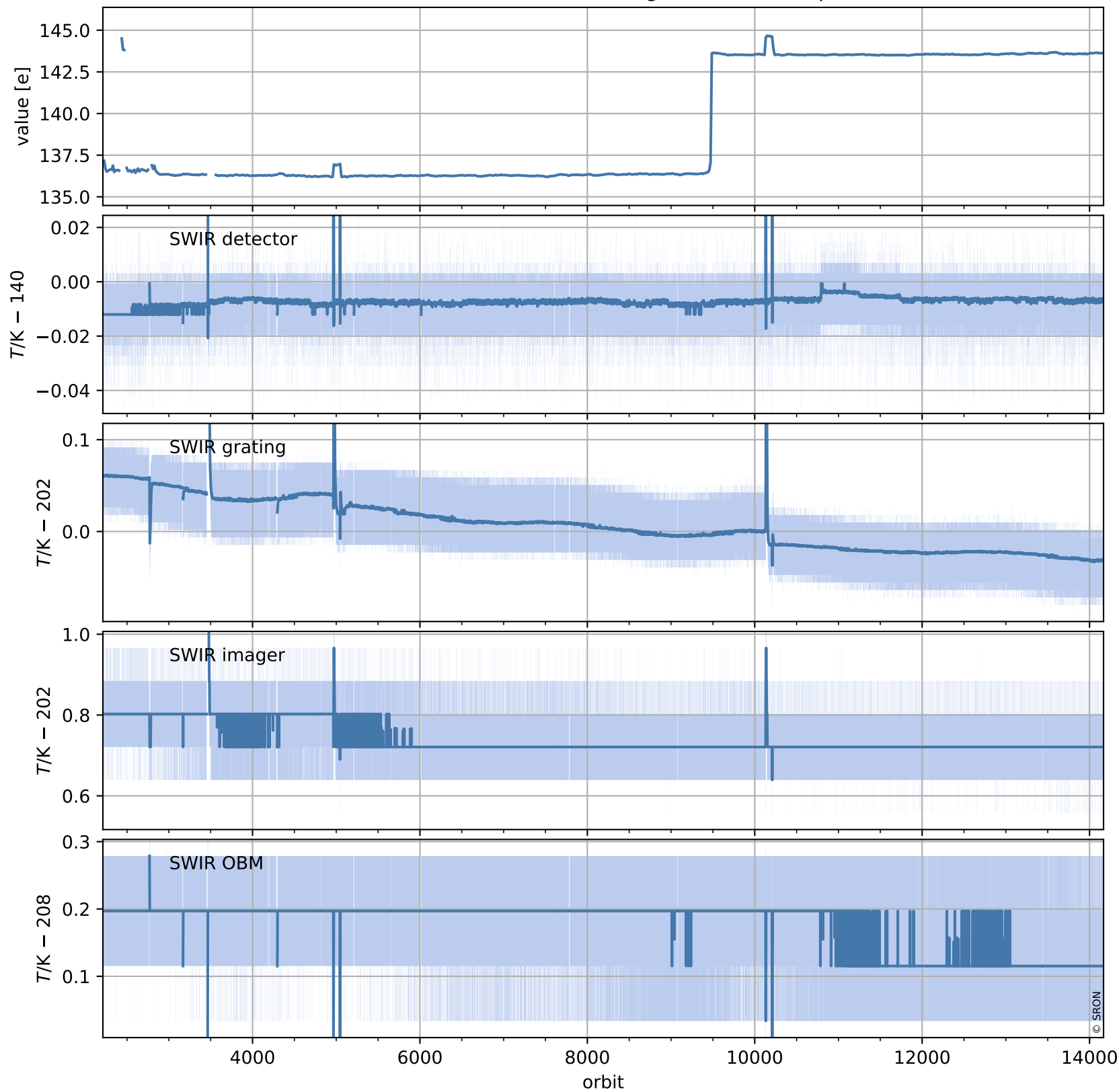
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14167]
coverage : 2018-03-18 / 2020-07-08
created : 2023-08-21T15:35:05

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14167]
coverage : 2018-03-18 / 2020-07-08
created : 2023-08-21T15:35:05

trend of normalized read-noise & temperatures

