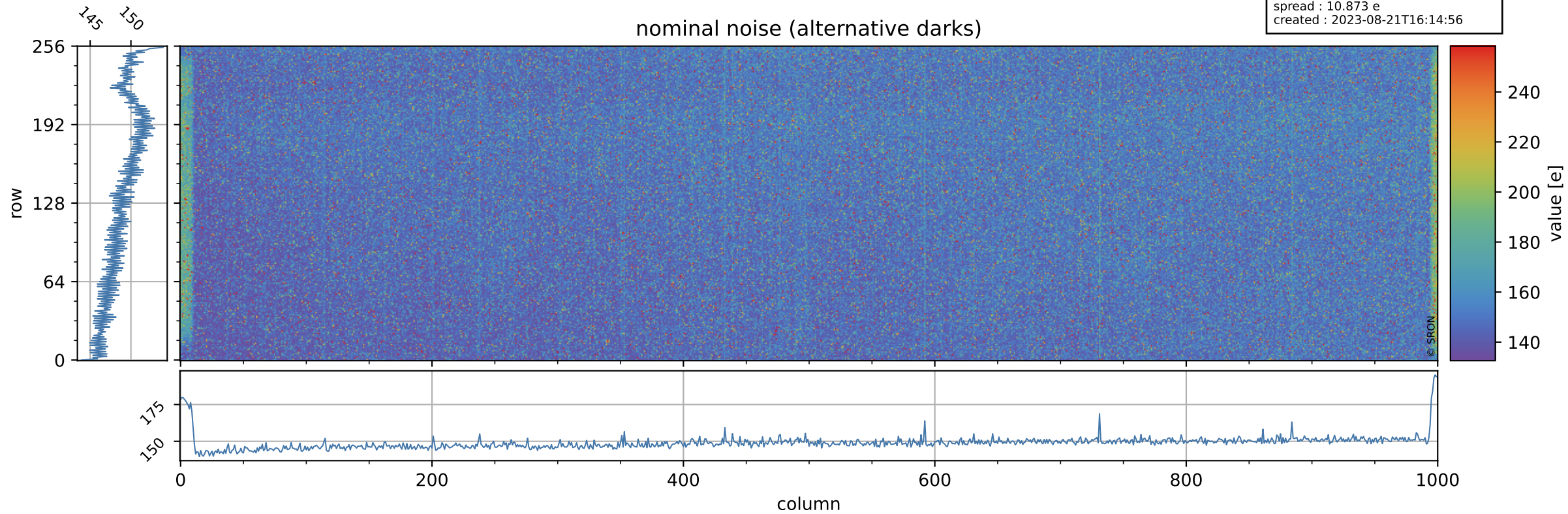


Tropomi SWIR background noise (swir)

orbits : 12 in [20917, 21007]
coverage : 2021-10-27 / 2021-11-02
n_coad, t_exp : 1, 1.0783
median : 148.82 e
spread : 10.873 e
created : 2023-08-21T16:14:56

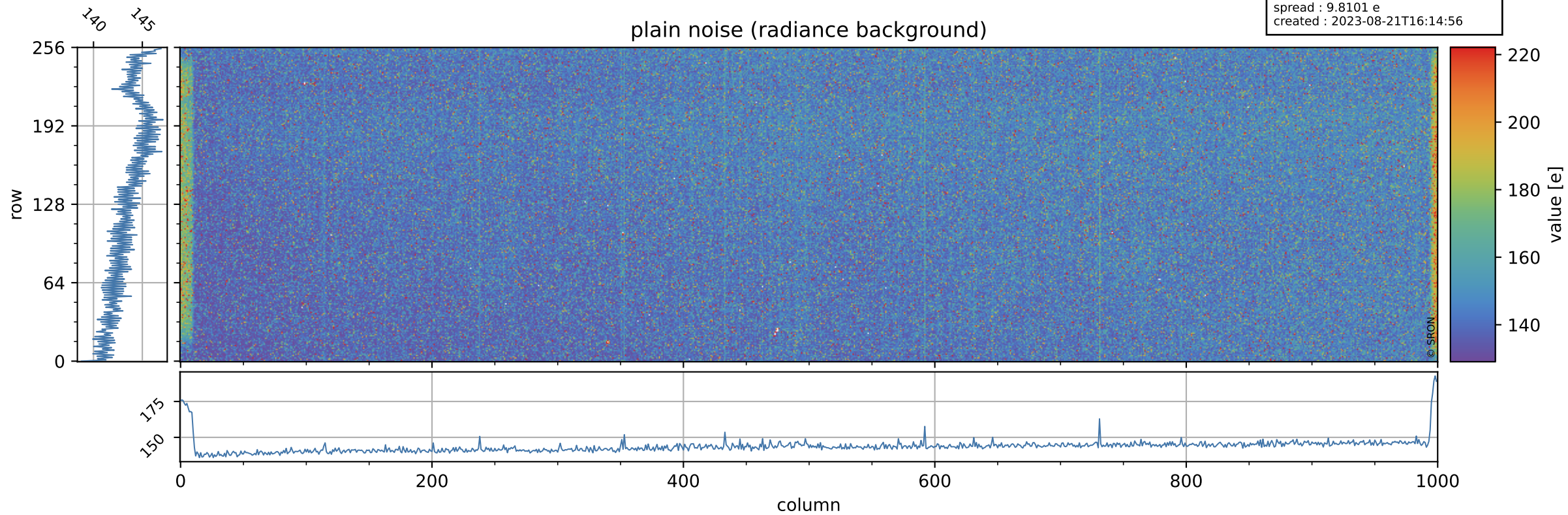
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20917, 21007]
coverage : 2021-10-27 / 2021-11-02
n_coad, t_exp : 1, 0.8383
median : 143.47 e
spread : 9.8101 e
created : 2023-08-21T16:14:56

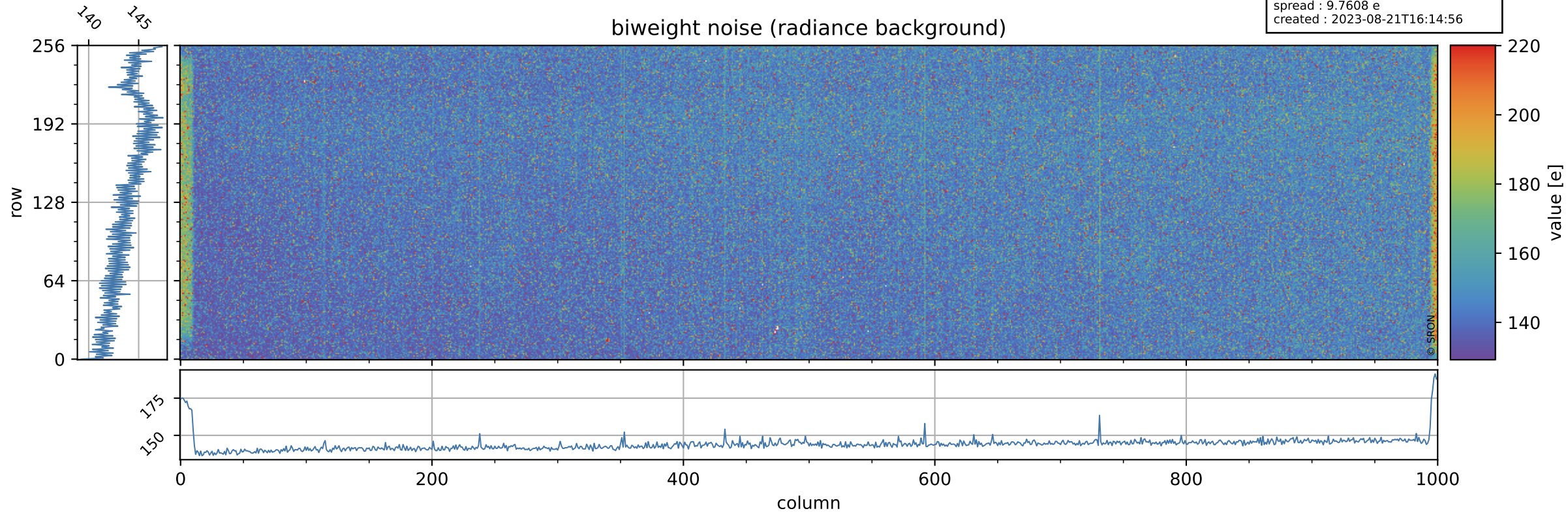
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20917, 21007]
coverage : 2021-10-27 / 2021-11-02
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.7608 e
created : 2023-08-21T16:14:56

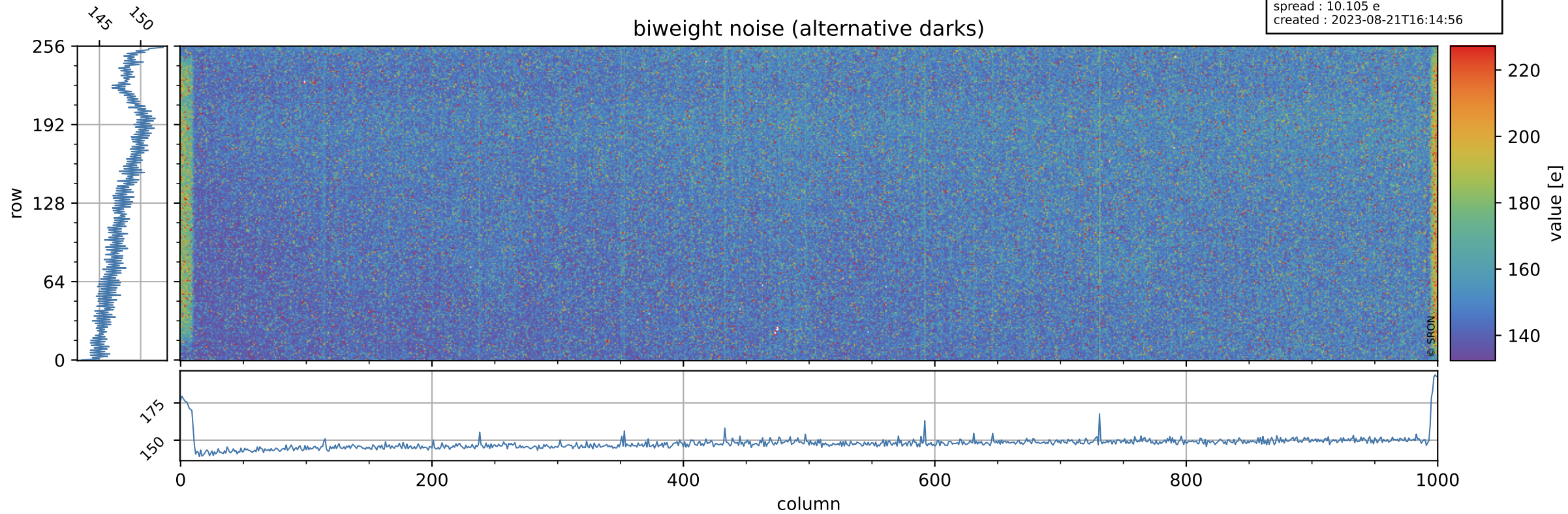
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20917, 21007]
coverage : 2021-10-27 / 2021-11-02
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.105 e
created : 2023-08-21T16:14:56

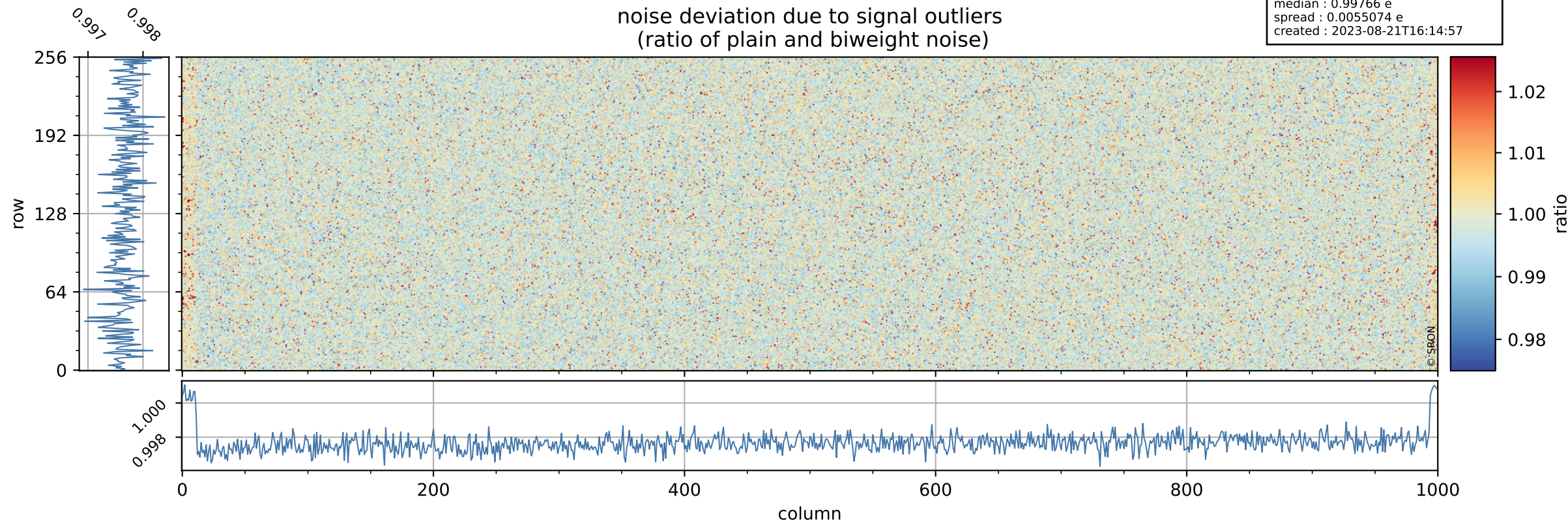
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

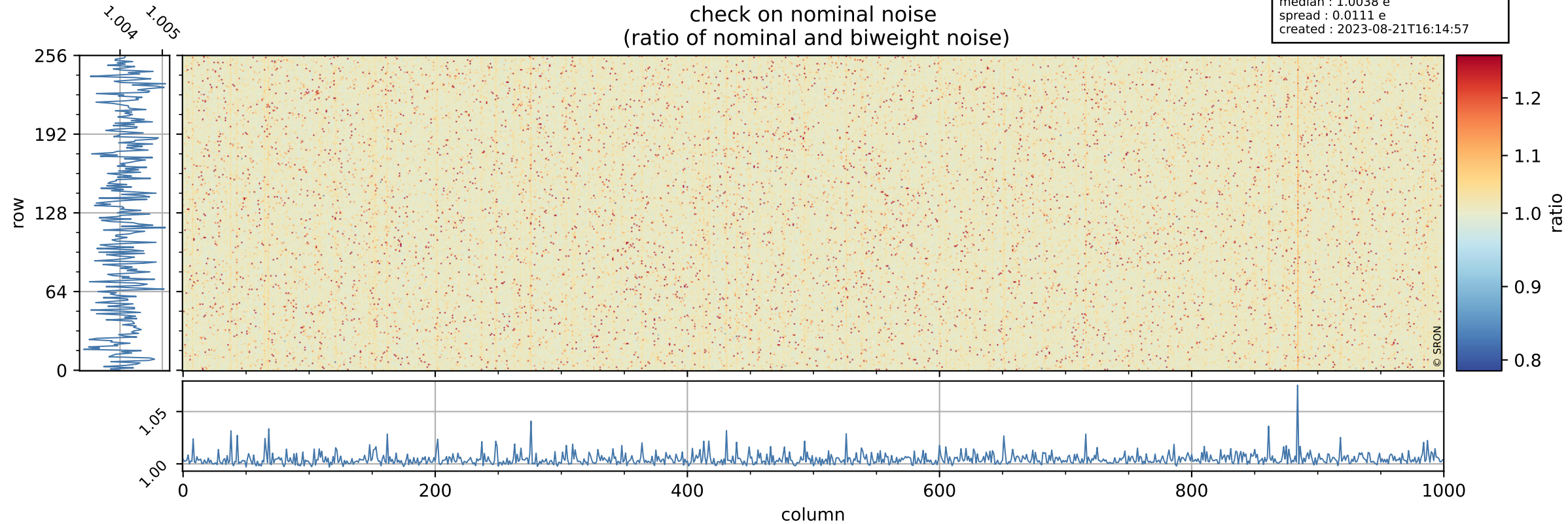
orbits : 12 in [20917, 21007]
coverage : 2021-10-27 / 2021-11-02
median : 0.99766 e
spread : 0.0055074 e
created : 2023-08-21T16:14:57



Tropomi SWIR background noise (swir)

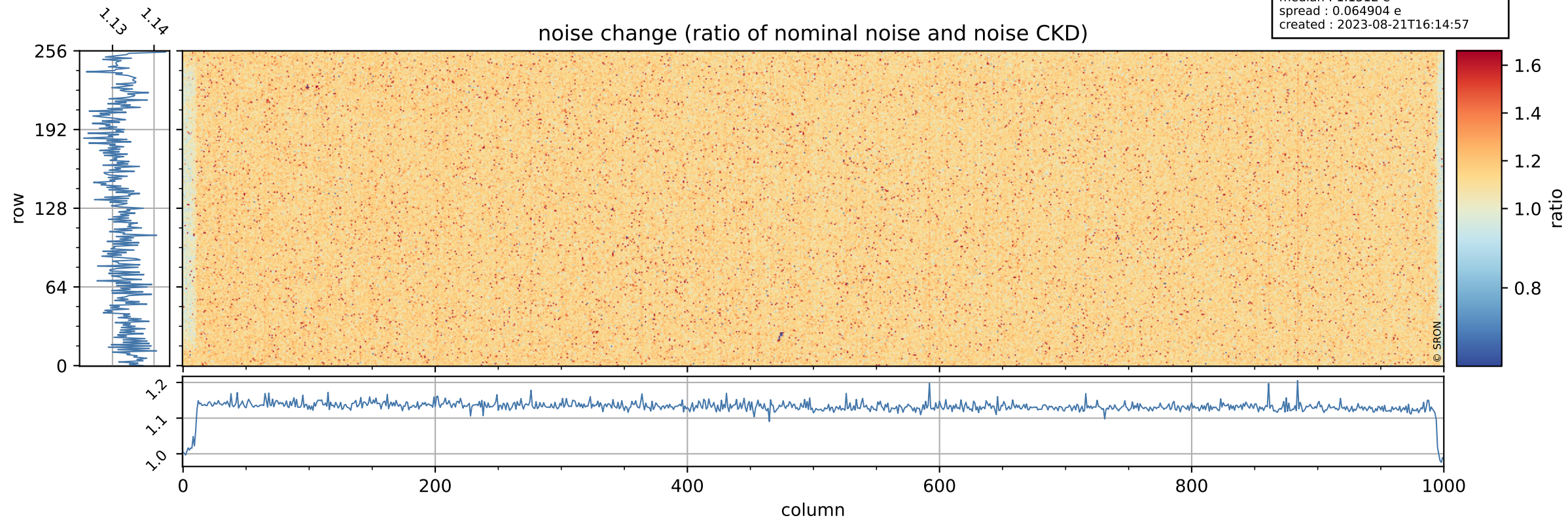
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20917, 21007]
coverage : 2021-10-27 / 2021-11-02
median : 1.0038 e
spread : 0.0111 e
created : 2023-08-21T16:14:57



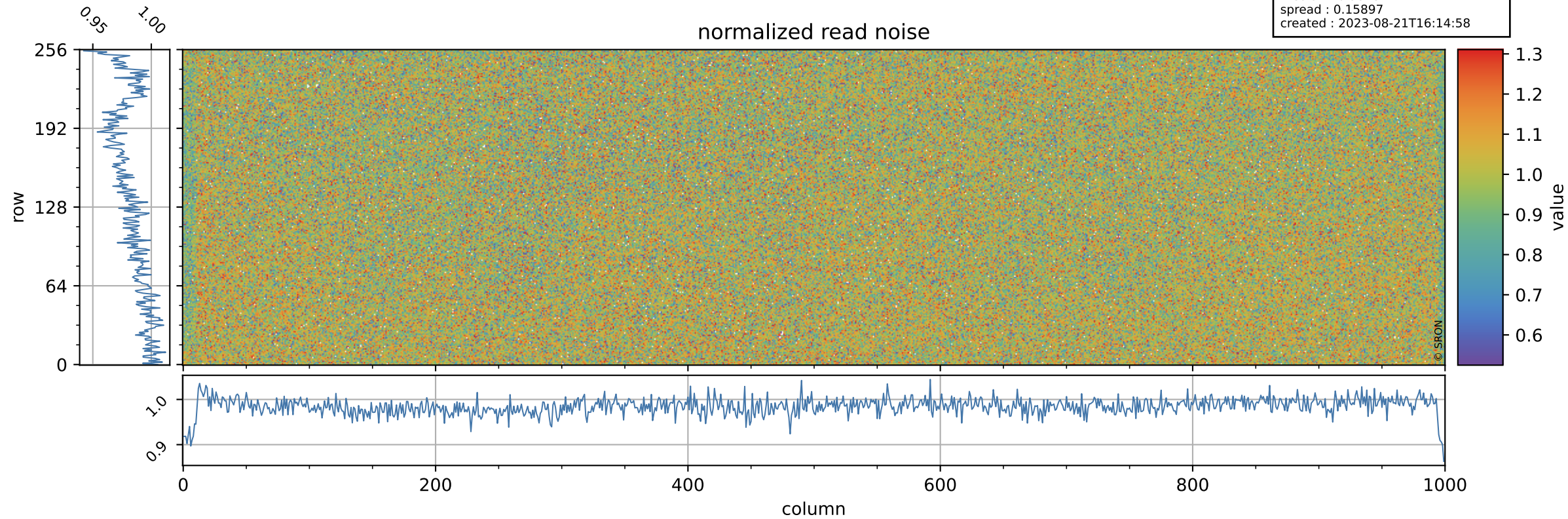
Tropomi SWIR background noise (swir)

orbits : 12 in [20917, 21007]
coverage : 2021-10-27 / 2021-11-02
median : 1.1312 e
spread : 0.064904 e
created : 2023-08-21T16:14:57



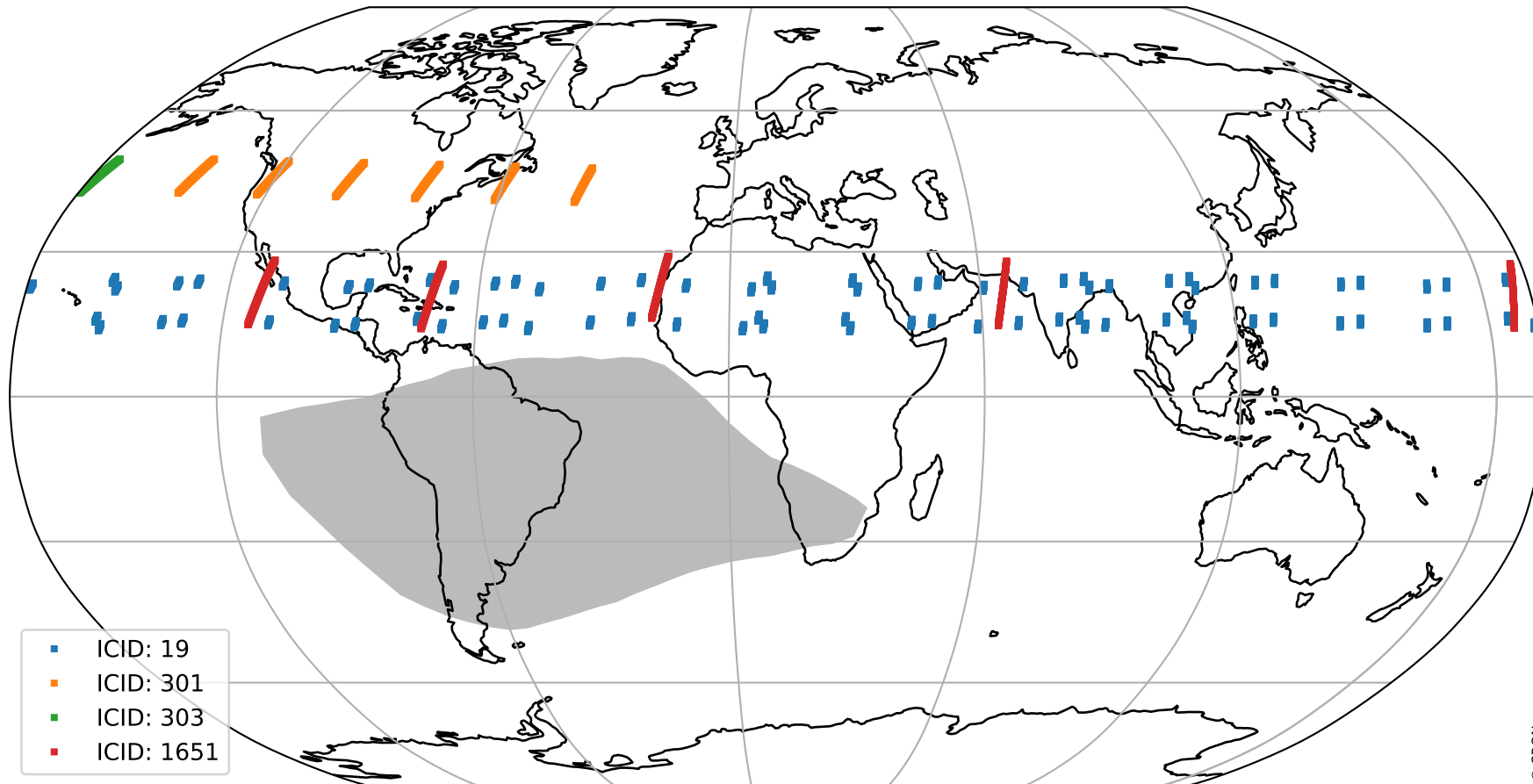
Tropomi SWIR background noise (swir)

orbits : 12 in [20917, 21007]
coverage : 2021-10-27 / 2021-11-02
median : 0.9828
spread : 0.15897
created : 2023-08-21T16:14:58



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

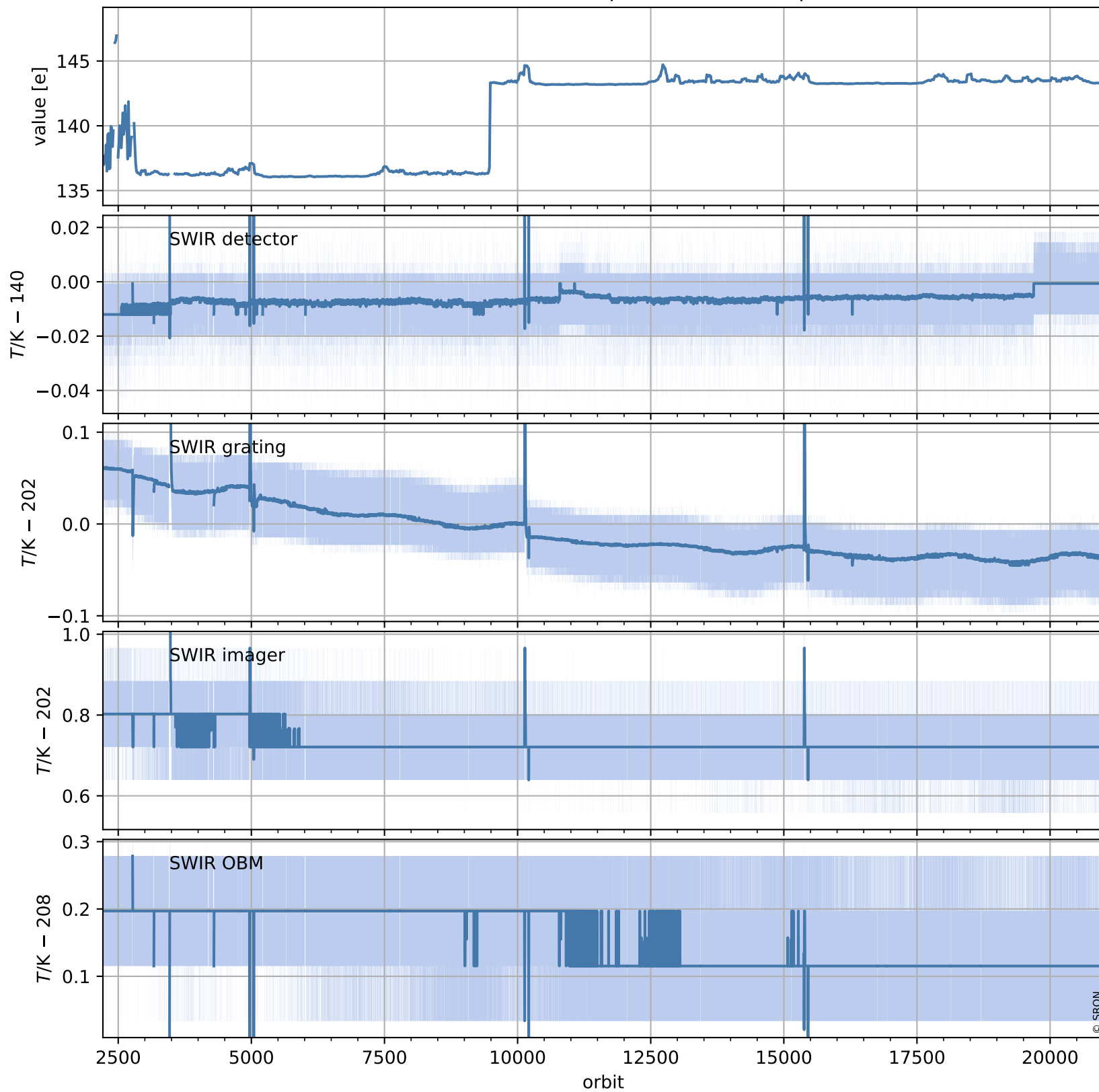
orbits : 12 in [20917, 21007]
coverage : 2021-10-27 / 2021-11-02
created : 2023-08-21T16:14:58



Tropomi SWIR background noise (swir)

orbits : [2212, 21007]
coverage : 2018-03-18 / 2021-11-02
created : 2023-08-21T16:14:58

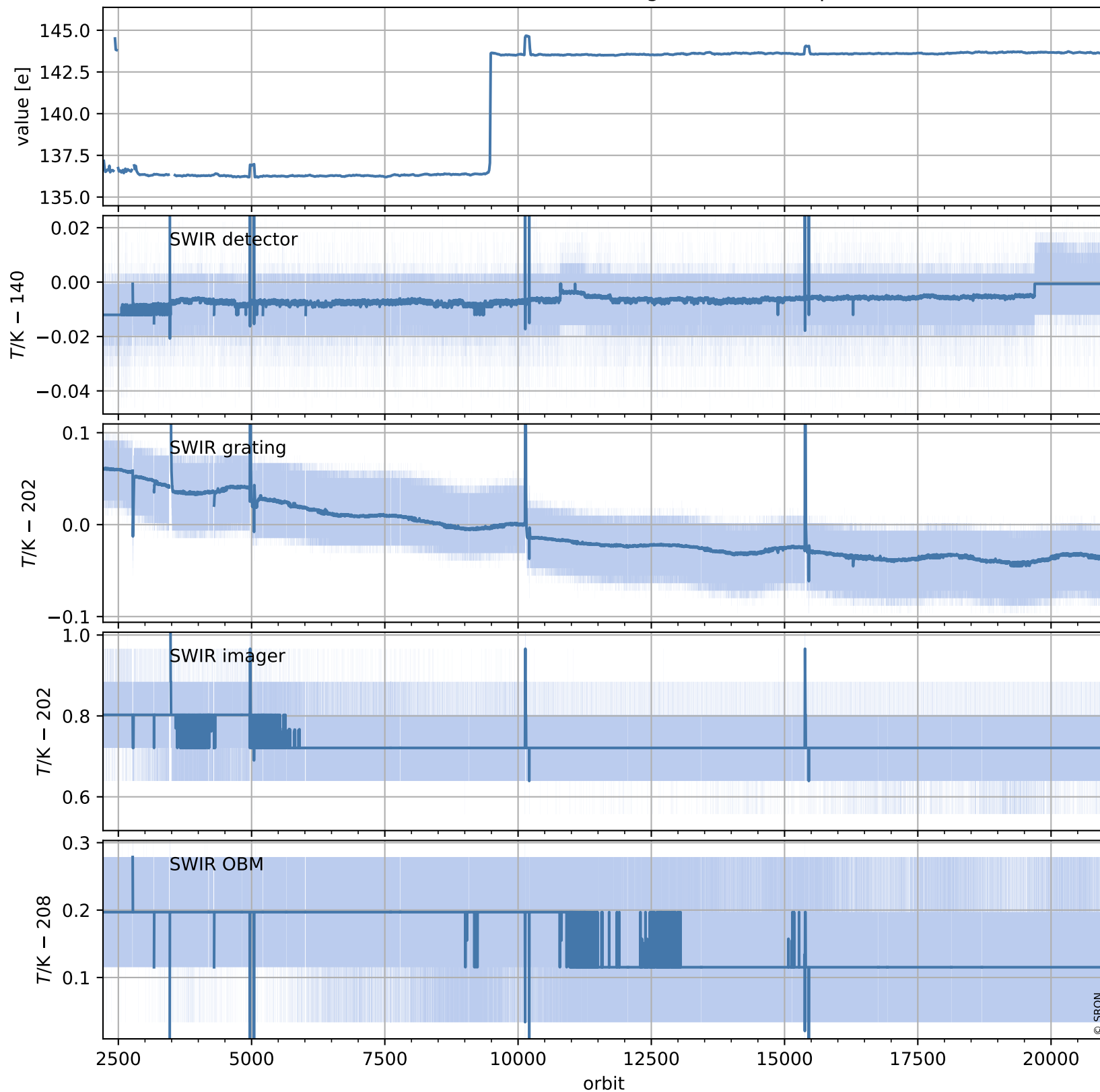
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21007]
coverage : 2018-03-18 / 2021-11-02
created : 2023-08-21T16:14:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21007]
coverage : 2018-03-18 / 2021-11-02
created : 2023-08-21T16:15:00

trend of normalized read-noise & temperatures

