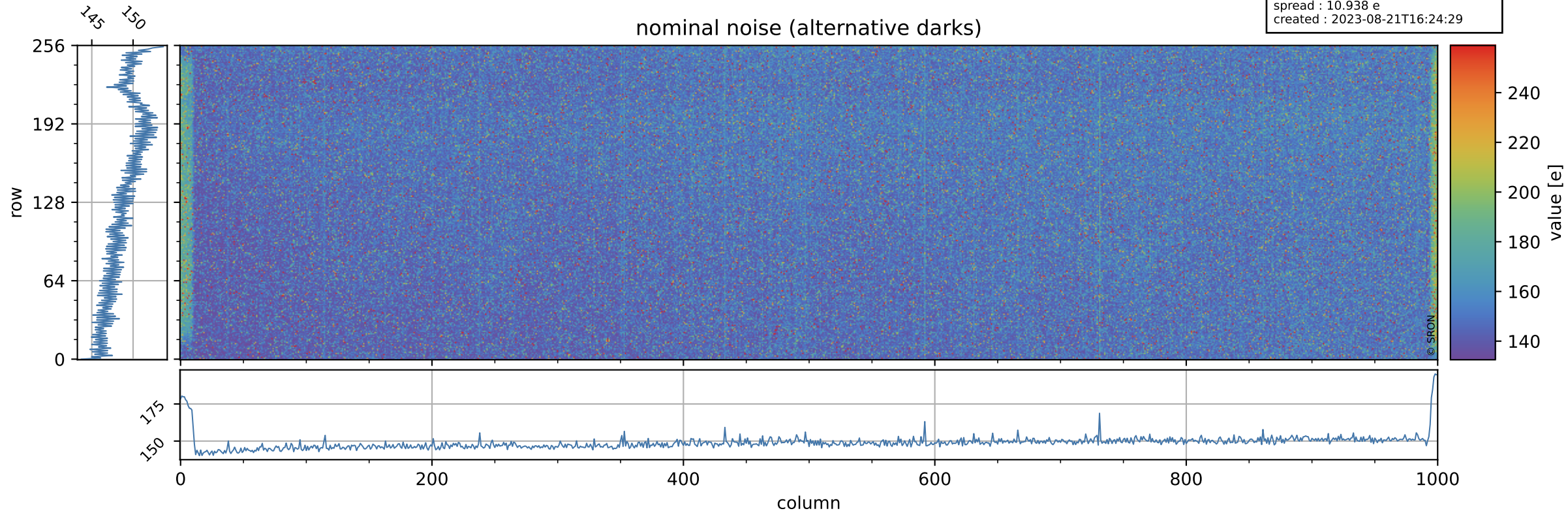


Tropomi SWIR background noise (swir)

orbits : 12 in [22447, 22537]
coverage : 2022-02-11 / 2022-02-17
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 10.938 e
created : 2023-08-21T16:24:29

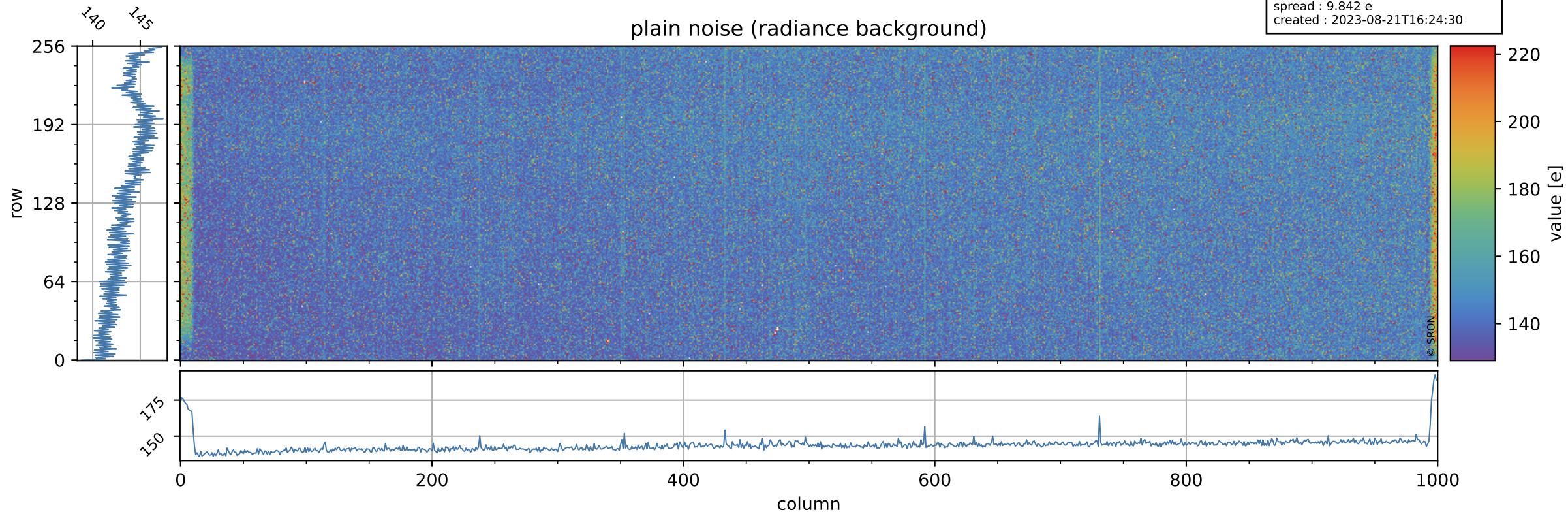
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22447, 22537]
coverage : 2022-02-11 / 2022-02-17
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.842 e
created : 2023-08-21T16:24:30

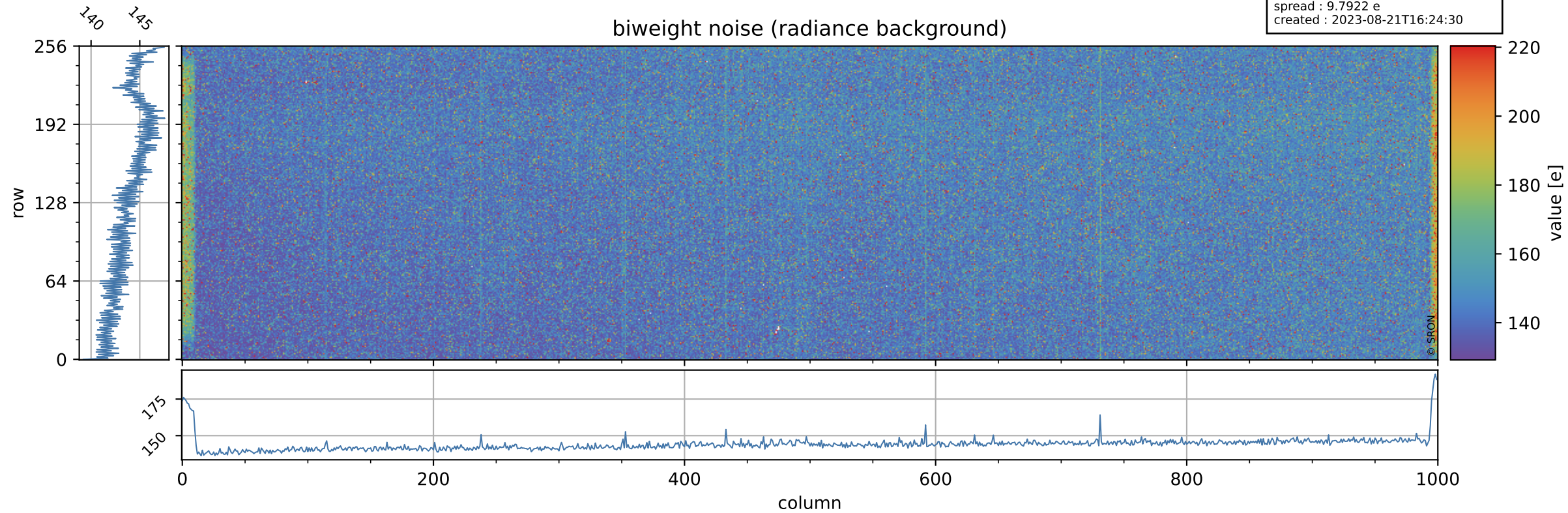
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22447, 22537]
coverage : 2022-02-11 / 2022-02-17
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.7922 e
created : 2023-08-21T16:24:30

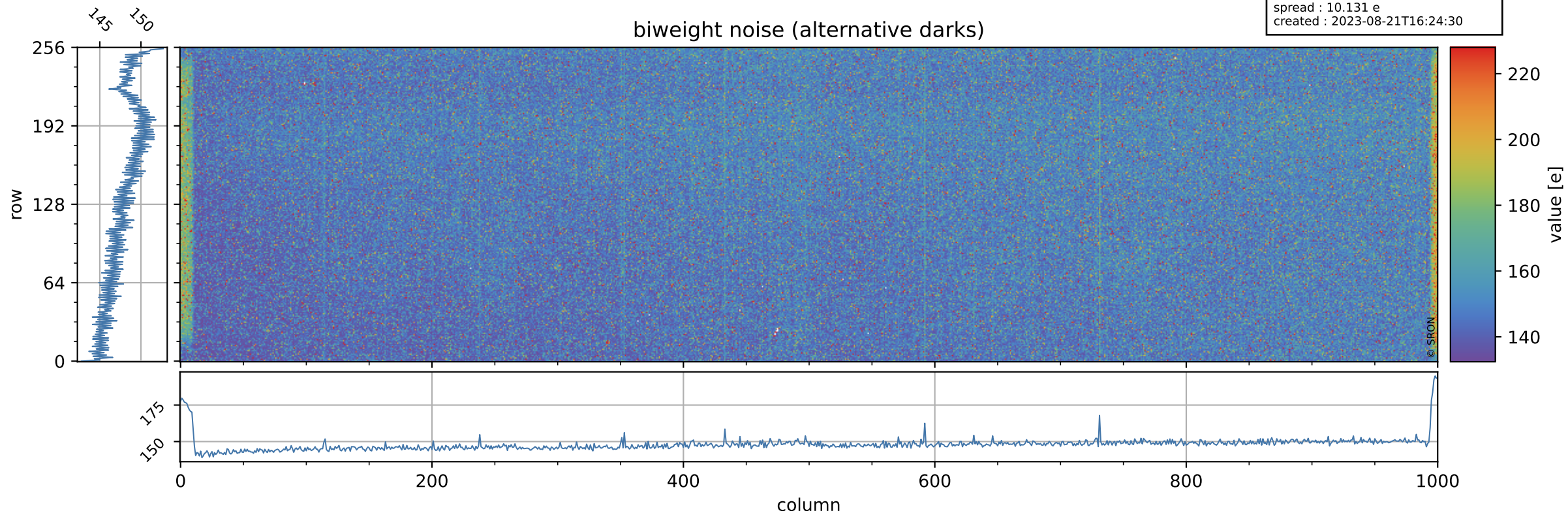
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22447, 22537]
coverage : 2022-02-11 / 2022-02-17
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.131 e
created : 2023-08-21T16:24:30

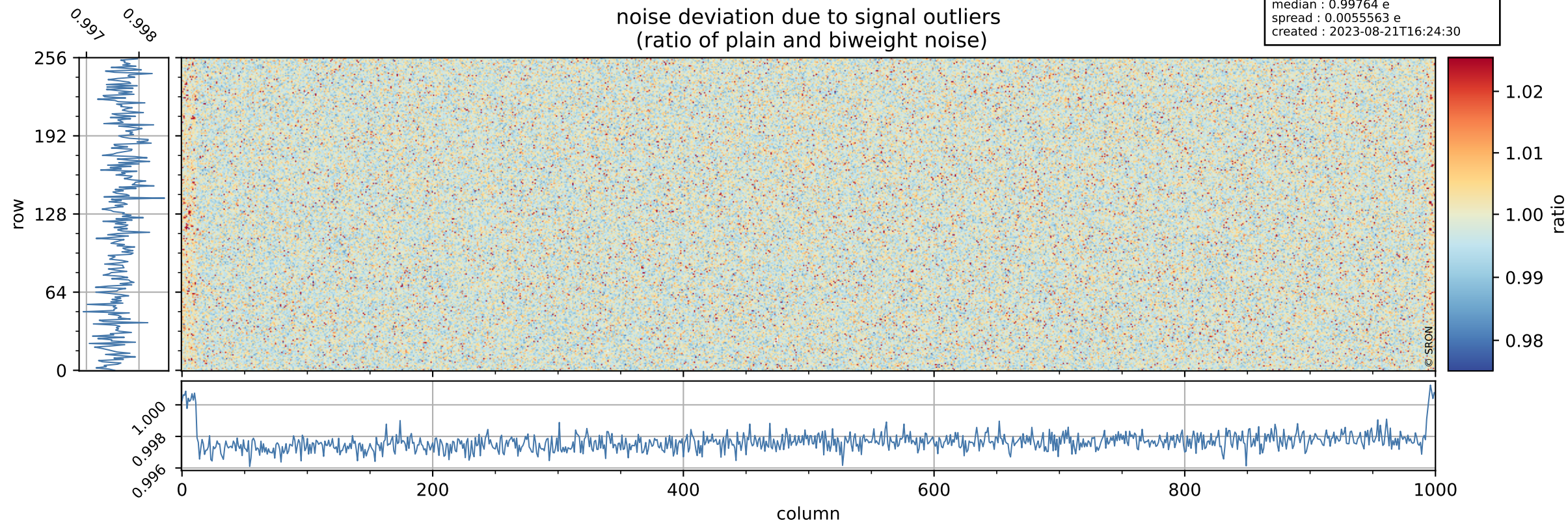
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

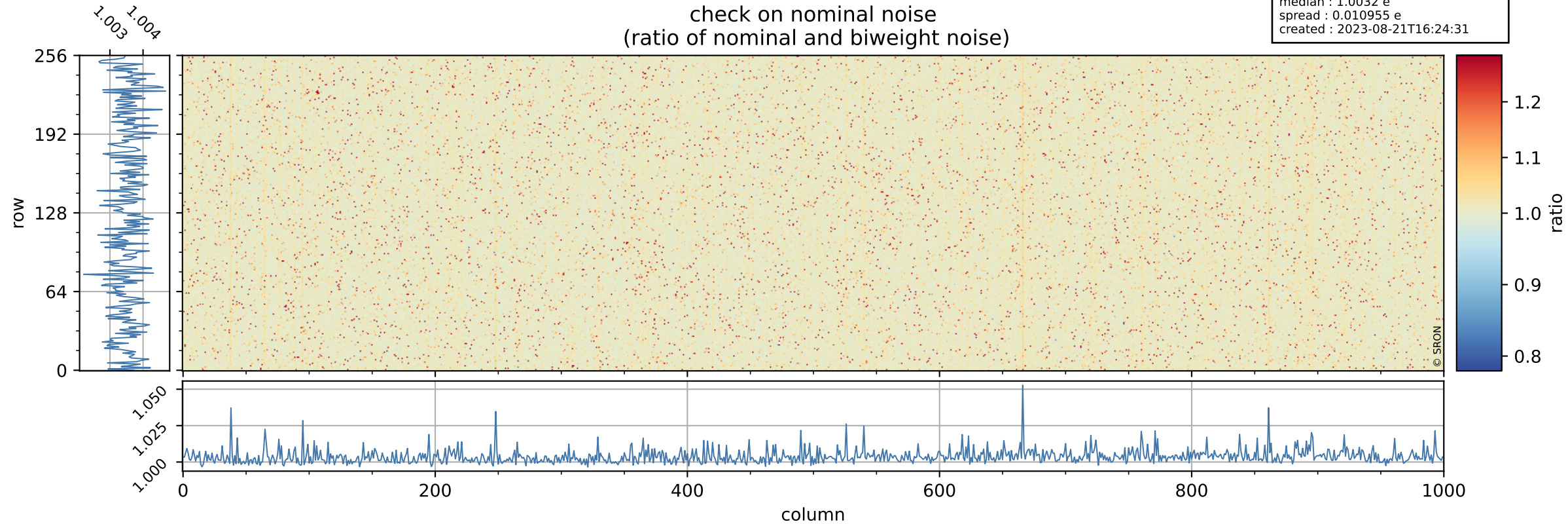
orbits : 12 in [22447, 22537]
coverage : 2022-02-11 / 2022-02-17
median : 0.99764 e
spread : 0.0055563 e
created : 2023-08-21T16:24:30



Tropomi SWIR background noise (swir)

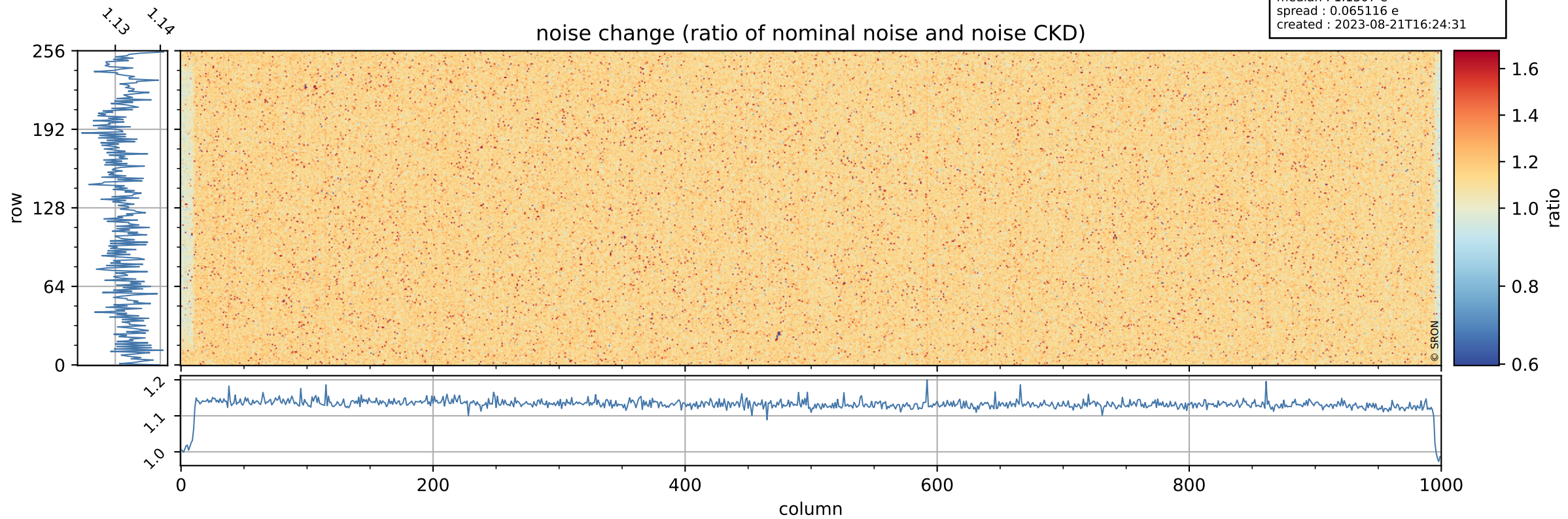
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22447, 22537]
coverage : 2022-02-11 / 2022-02-17
median : 1.0032 e
spread : 0.010955 e
created : 2023-08-21T16:24:31



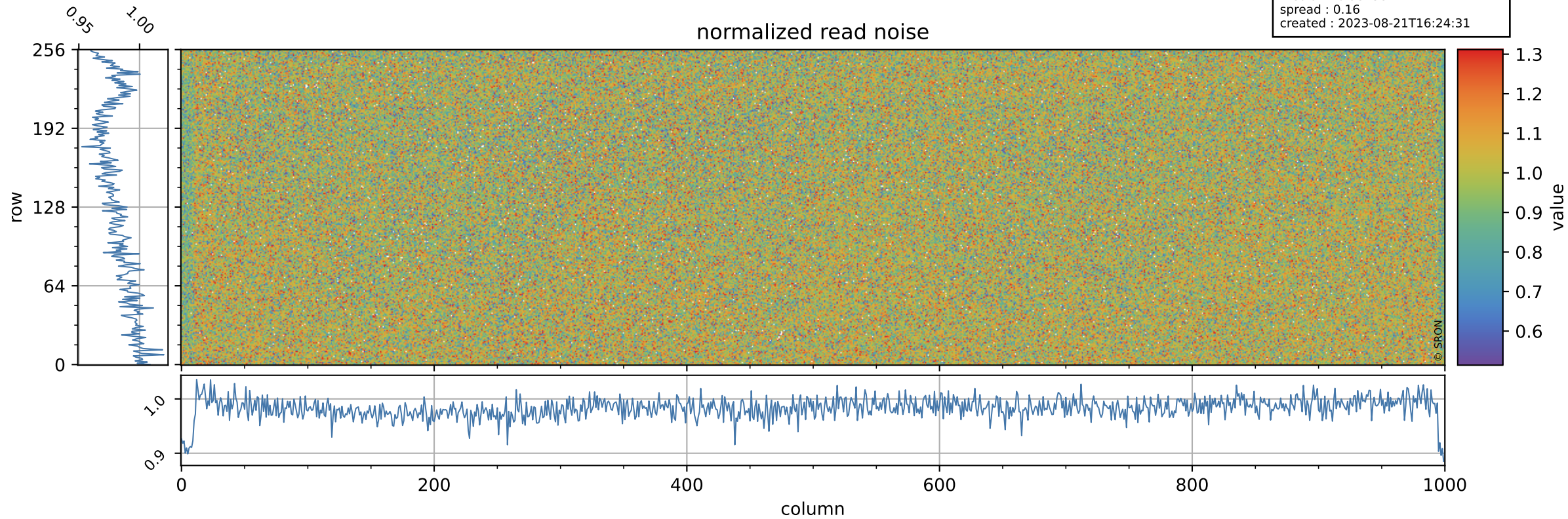
Tropomi SWIR background noise (swir)

orbits : 12 in [22447, 22537]
coverage : 2022-02-11 / 2022-02-17
median : 1.1307 e
spread : 0.065116 e
created : 2023-08-21T16:24:31



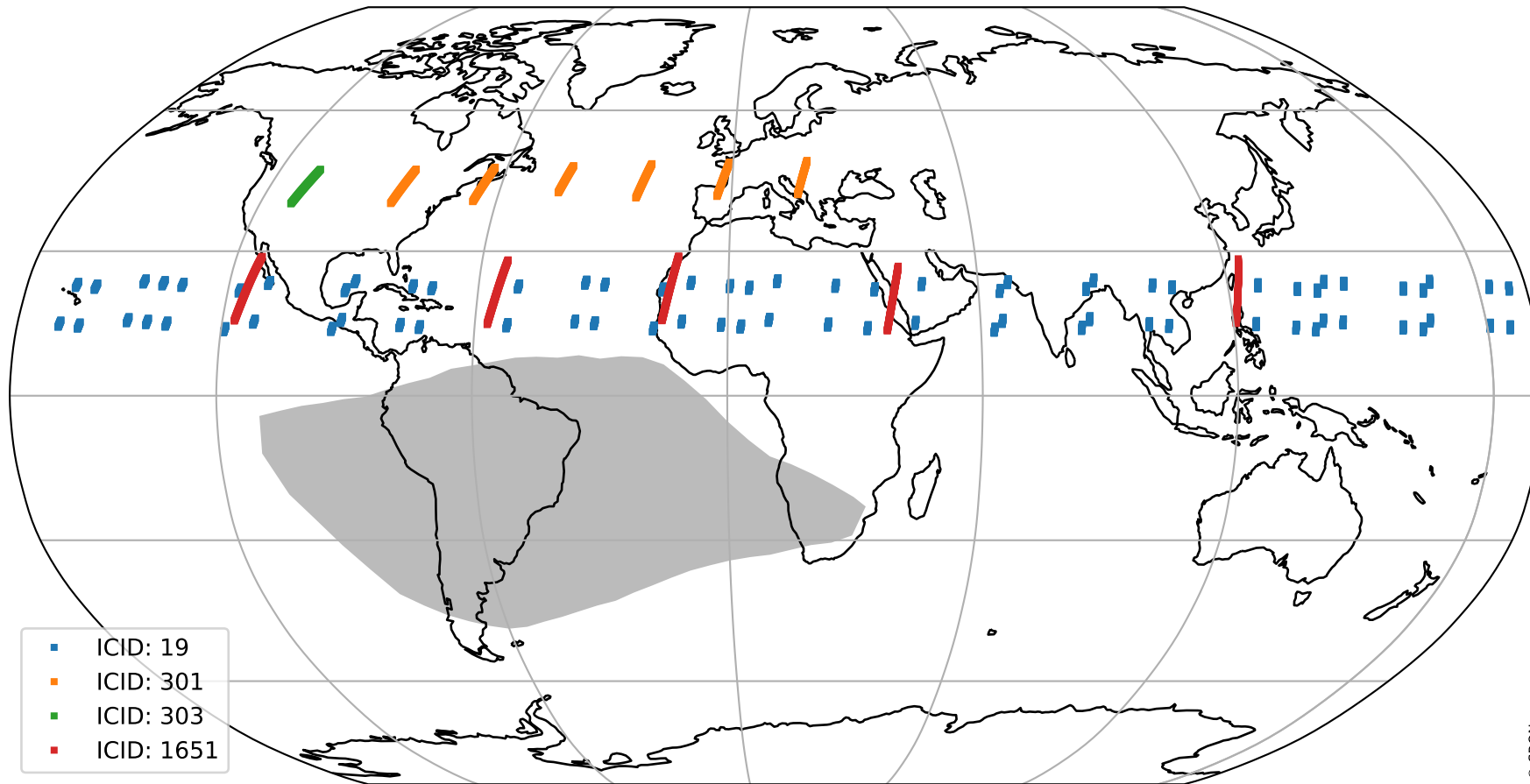
Tropomi SWIR background noise (swir)

orbits : 12 in [22447, 22537]
coverage : 2022-02-11 / 2022-02-17
median : 0.98158
spread : 0.16
created : 2023-08-21T16:24:31



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

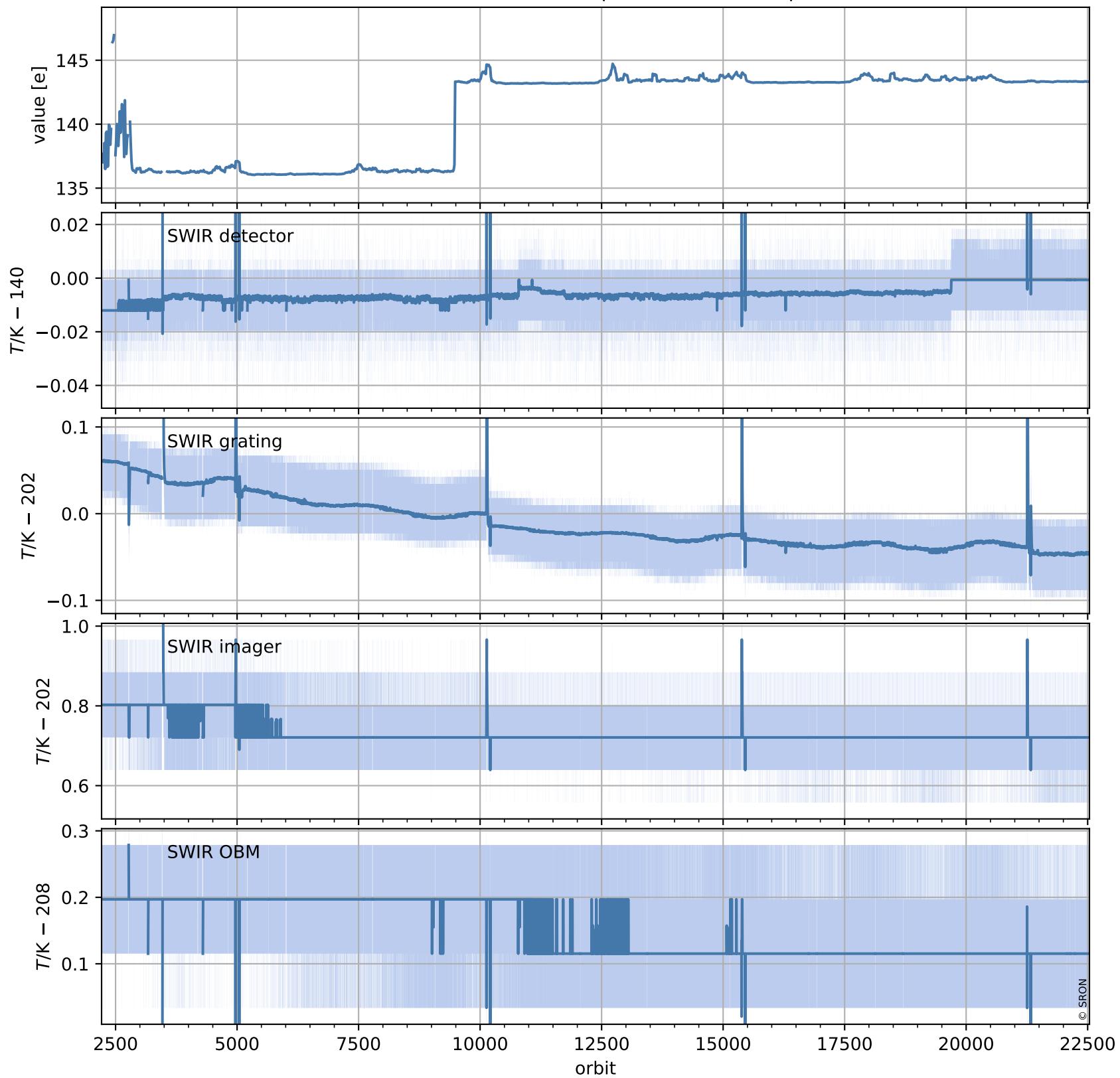
orbits : 12 in [22447, 22537]
coverage : 2022-02-11 / 2022-02-17
created : 2023-08-21T16:24:32



Tropomi SWIR background noise (swir)

orbits : [2212, 22537]
coverage : 2018-03-18 / 2022-02-17
created : 2023-08-21T16:24:32

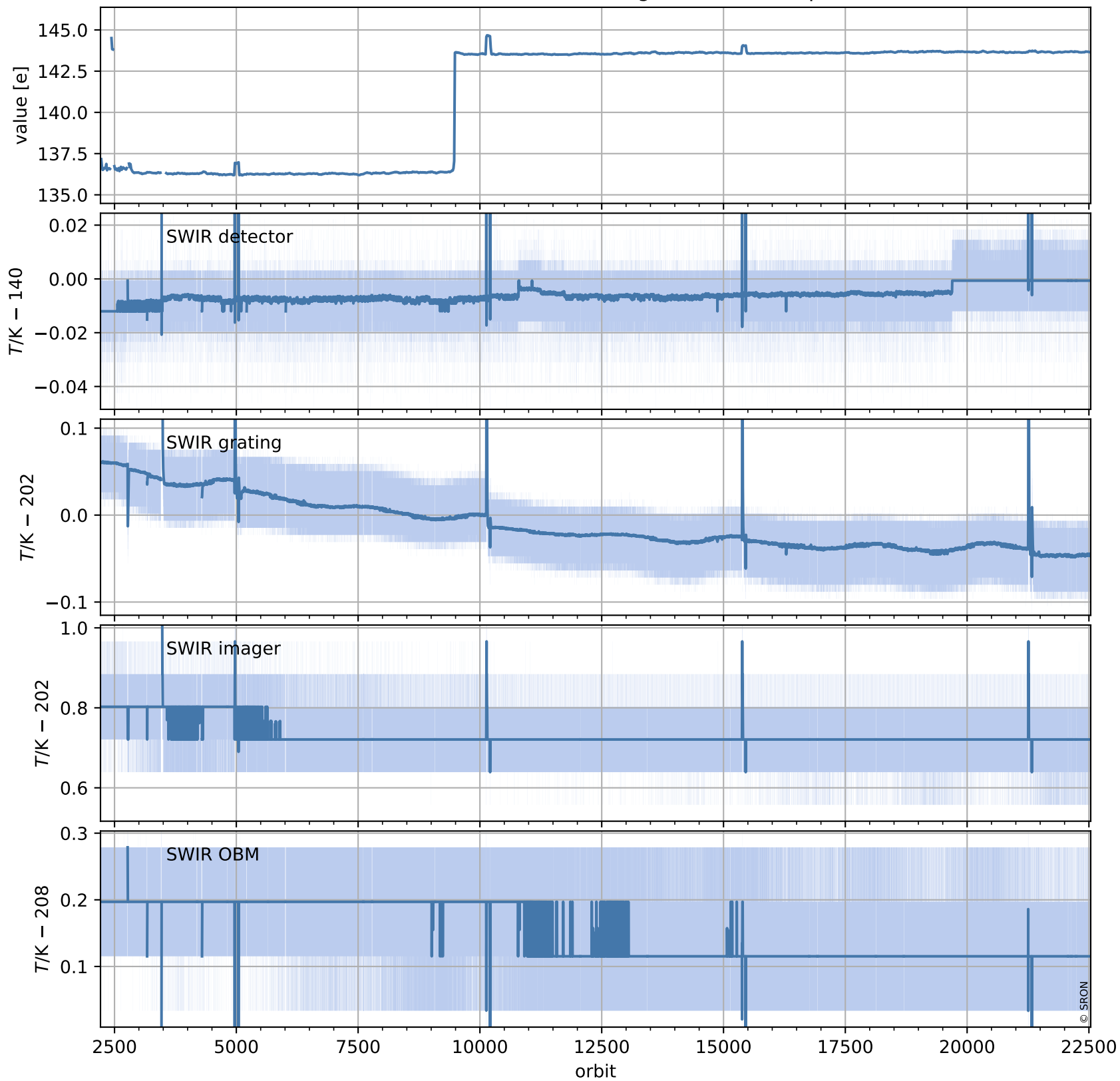
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22537]
coverage : 2018-03-18 / 2022-02-17
created : 2023-08-21T16:24:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22537]
coverage : 2018-03-18 / 2022-02-17
created : 2023-08-21T16:24:34

trend of normalized read-noise & temperatures

