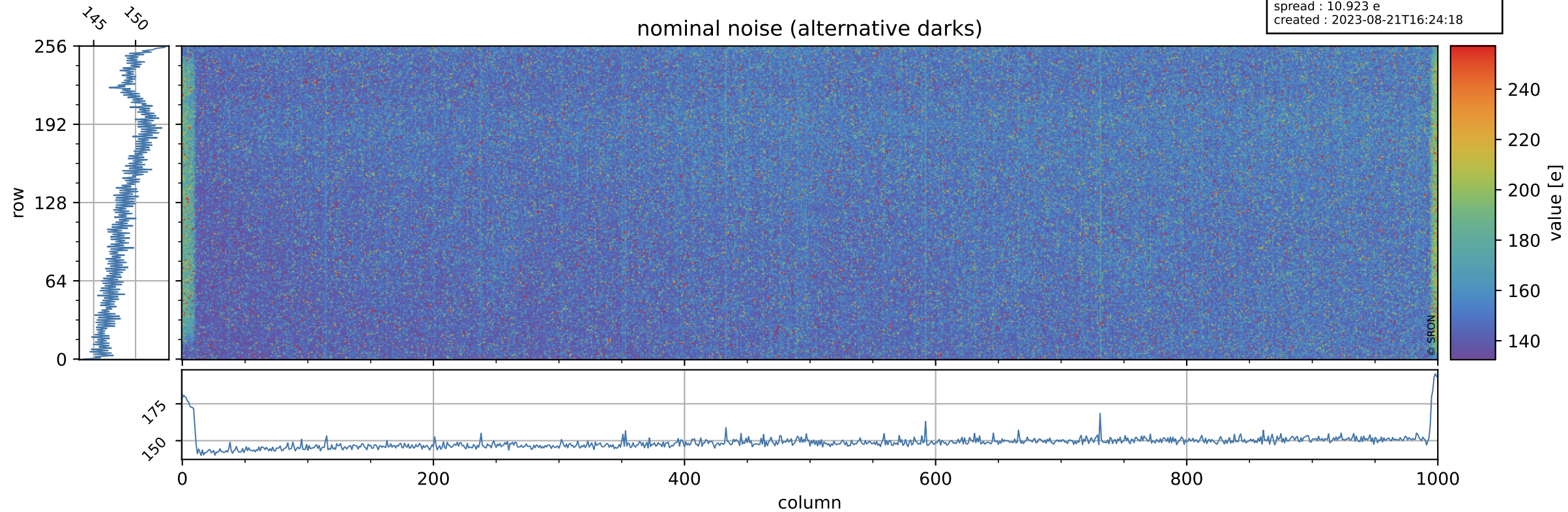


Tropomi SWIR background noise (swir)

orbits : 12 in [22432, 22507]
coverage : 2022-02-09 / 2022-02-15
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.923 e
created : 2023-08-21T16:24:18

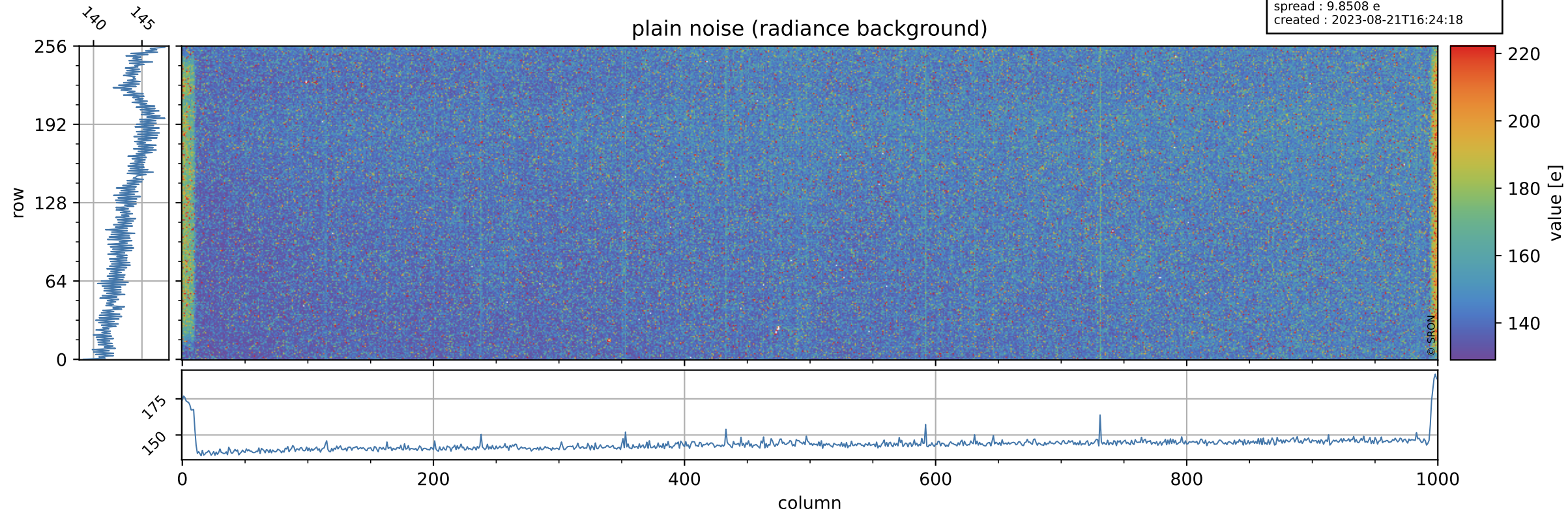
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22432, 22507]
coverage : 2022-02-09 / 2022-02-15
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8508 e
created : 2023-08-21T16:24:18

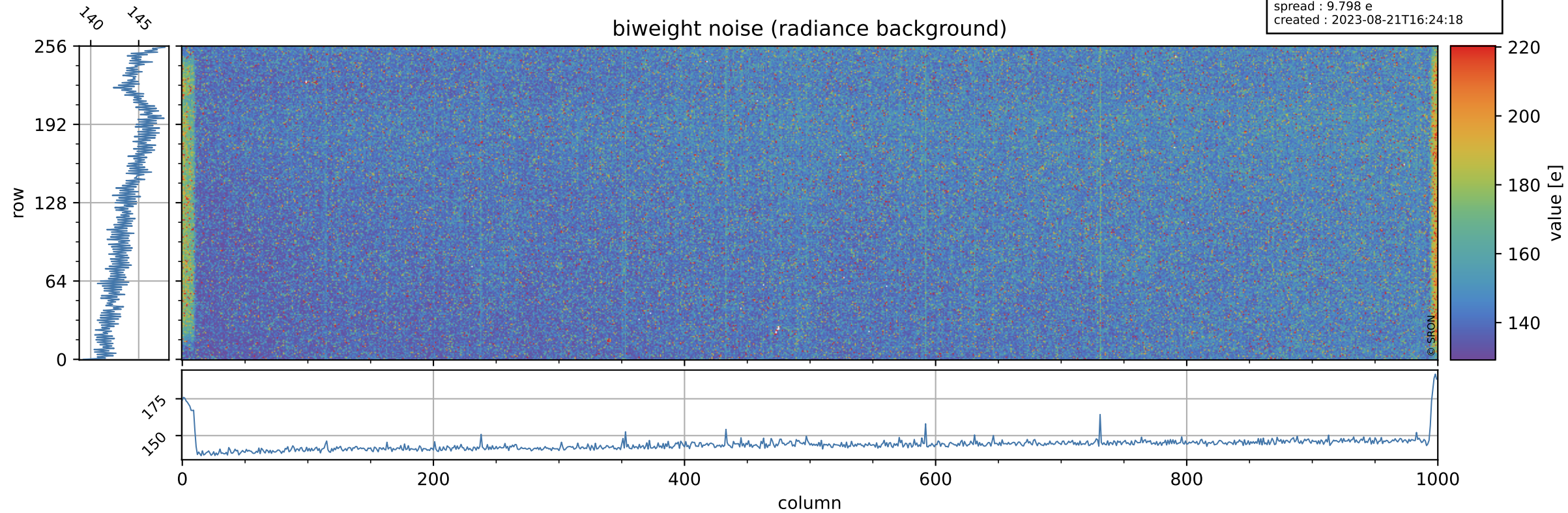
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22432, 22507]
coverage : 2022-02-09 / 2022-02-15
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.798 e
created : 2023-08-21T16:24:18

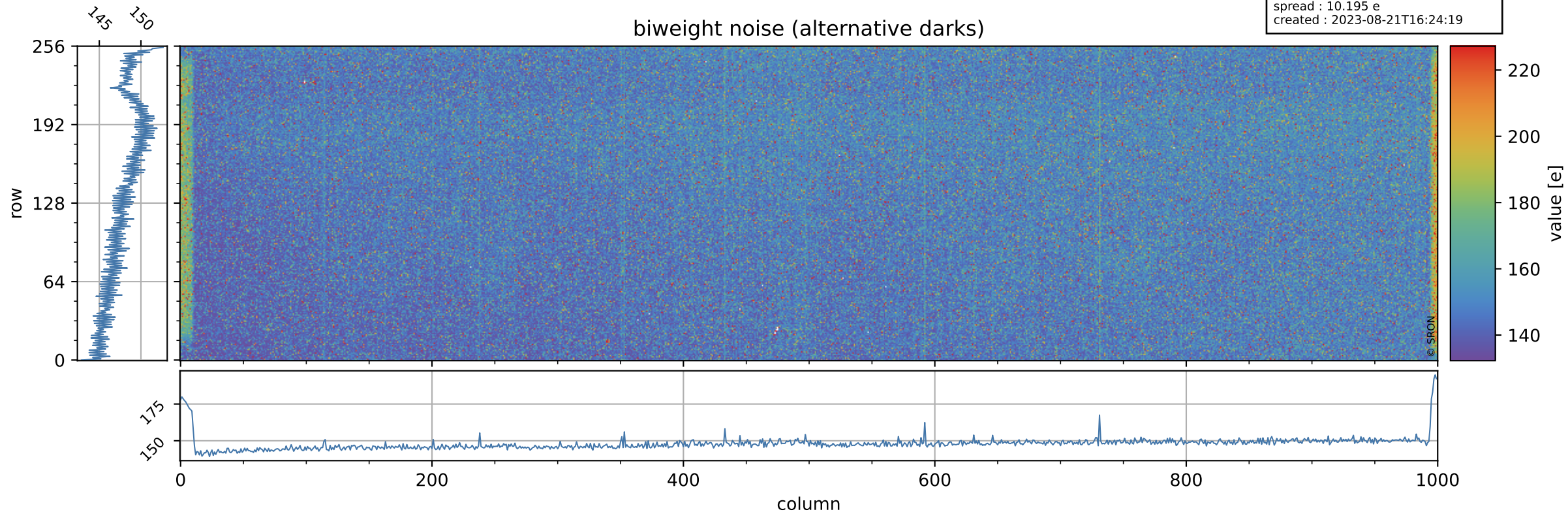
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22432, 22507]
coverage : 2022-02-09 / 2022-02-15
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.195 e
created : 2023-08-21T16:24:19

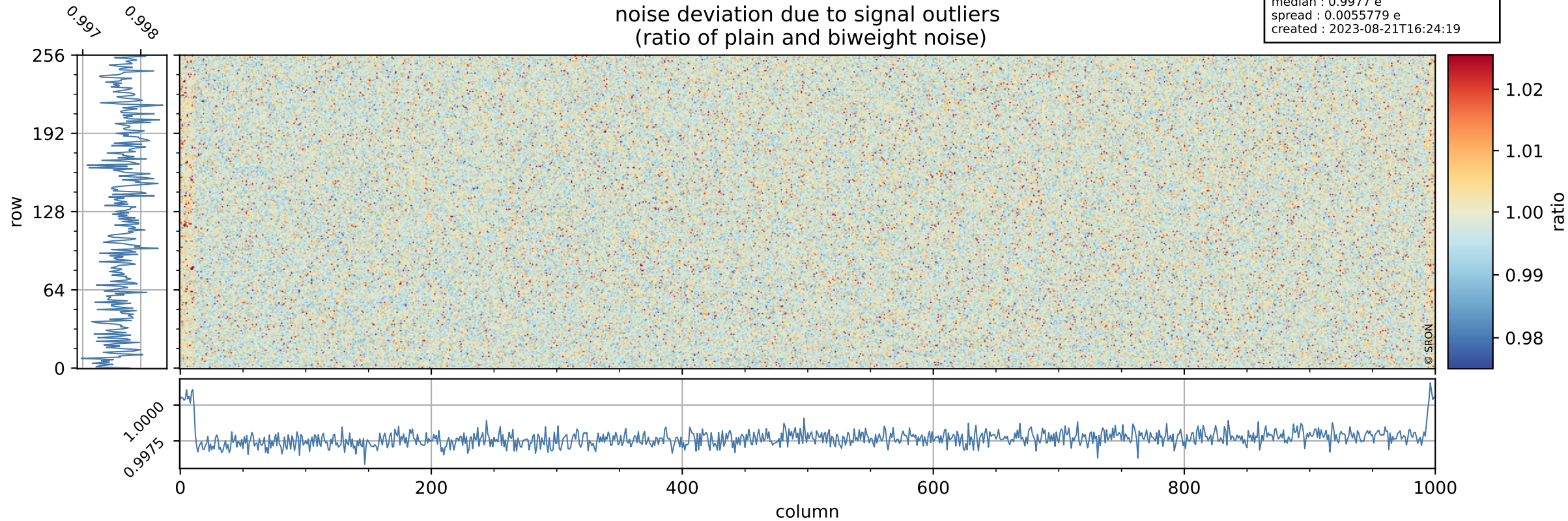
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

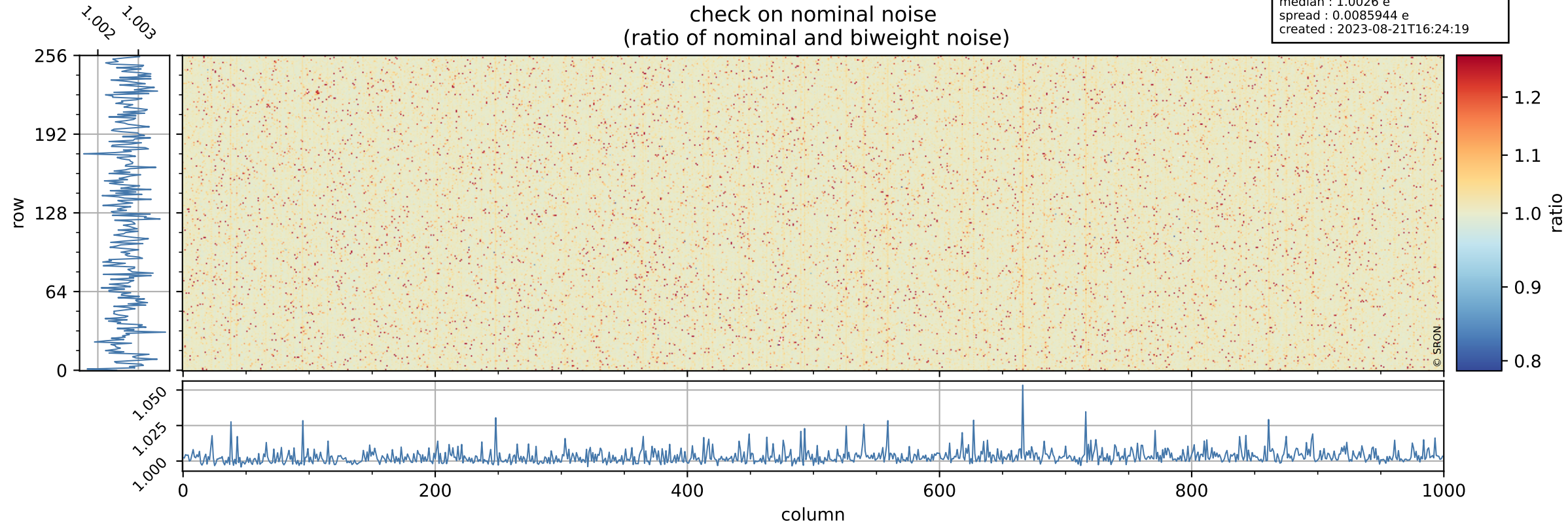
orbits : 12 in [22432, 22507]
coverage : 2022-02-09 / 2022-02-15
median : 0.9977 e
spread : 0.0055779 e
created : 2023-08-21T16:24:19



Tropomi SWIR background noise (swir)

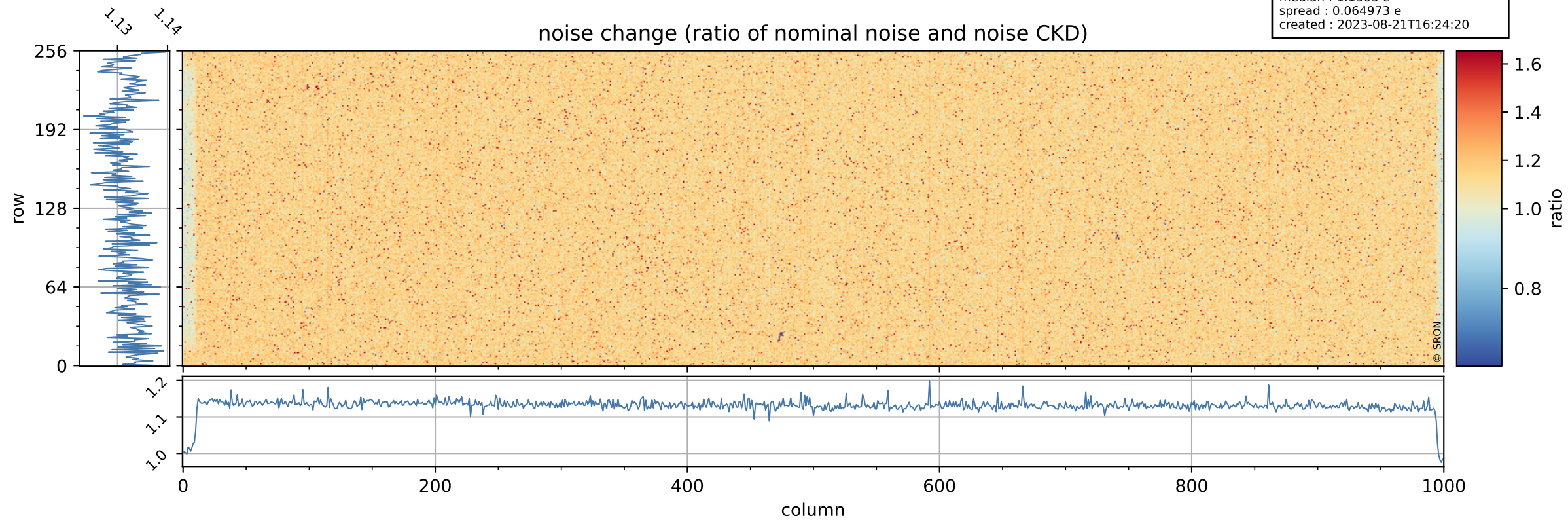
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22432, 22507]
coverage : 2022-02-09 / 2022-02-15
median : 1.0026 e
spread : 0.0085944 e
created : 2023-08-21T16:24:19



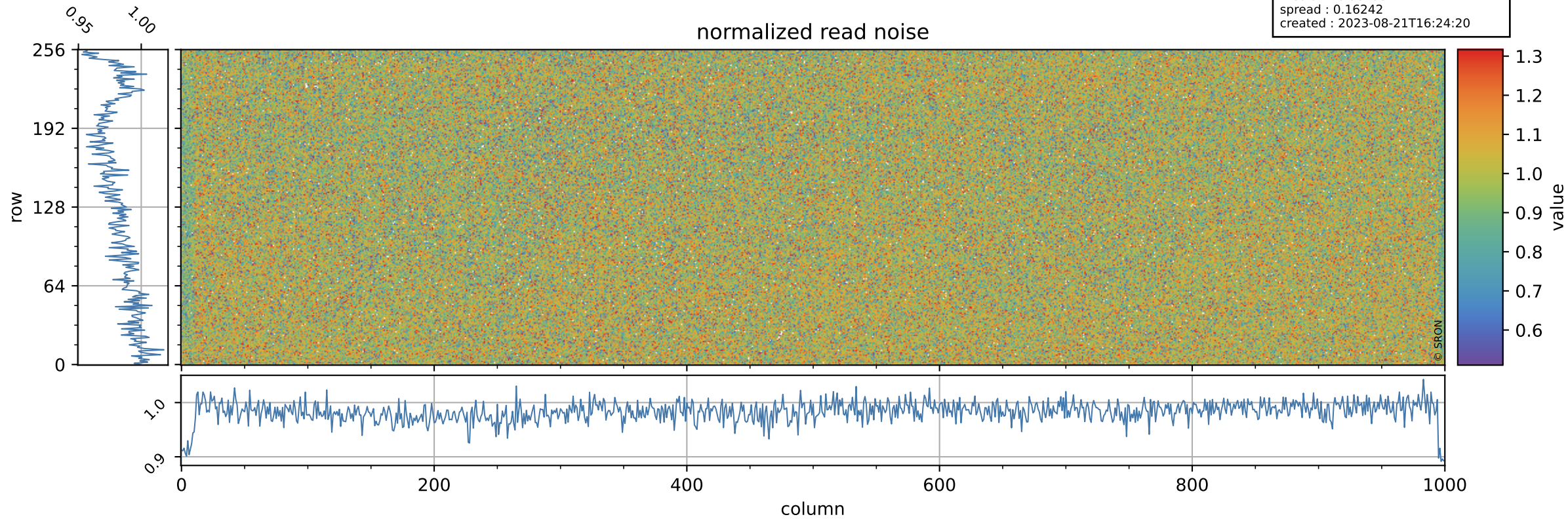
Tropomi SWIR background noise (swir)

orbits : 12 in [22432, 22507]
coverage : 2022-02-09 / 2022-02-15
median : 1.1303 e
spread : 0.064973 e
created : 2023-08-21T16:24:20



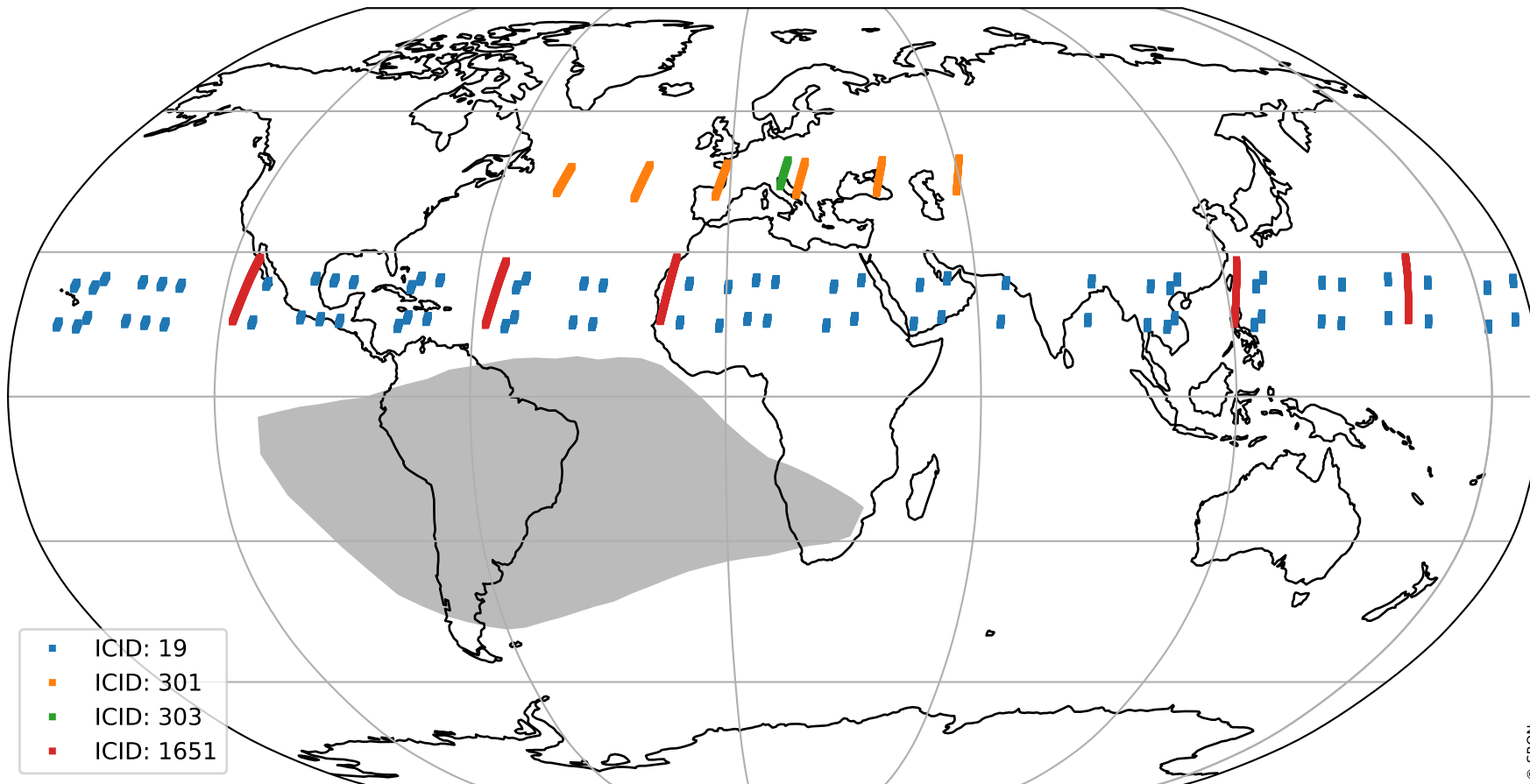
Tropomi SWIR background noise (swir)

orbits : 12 in [22432, 22507]
coverage : 2022-02-09 / 2022-02-15
median : 0.98195
spread : 0.16242
created : 2023-08-21T16:24:20



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

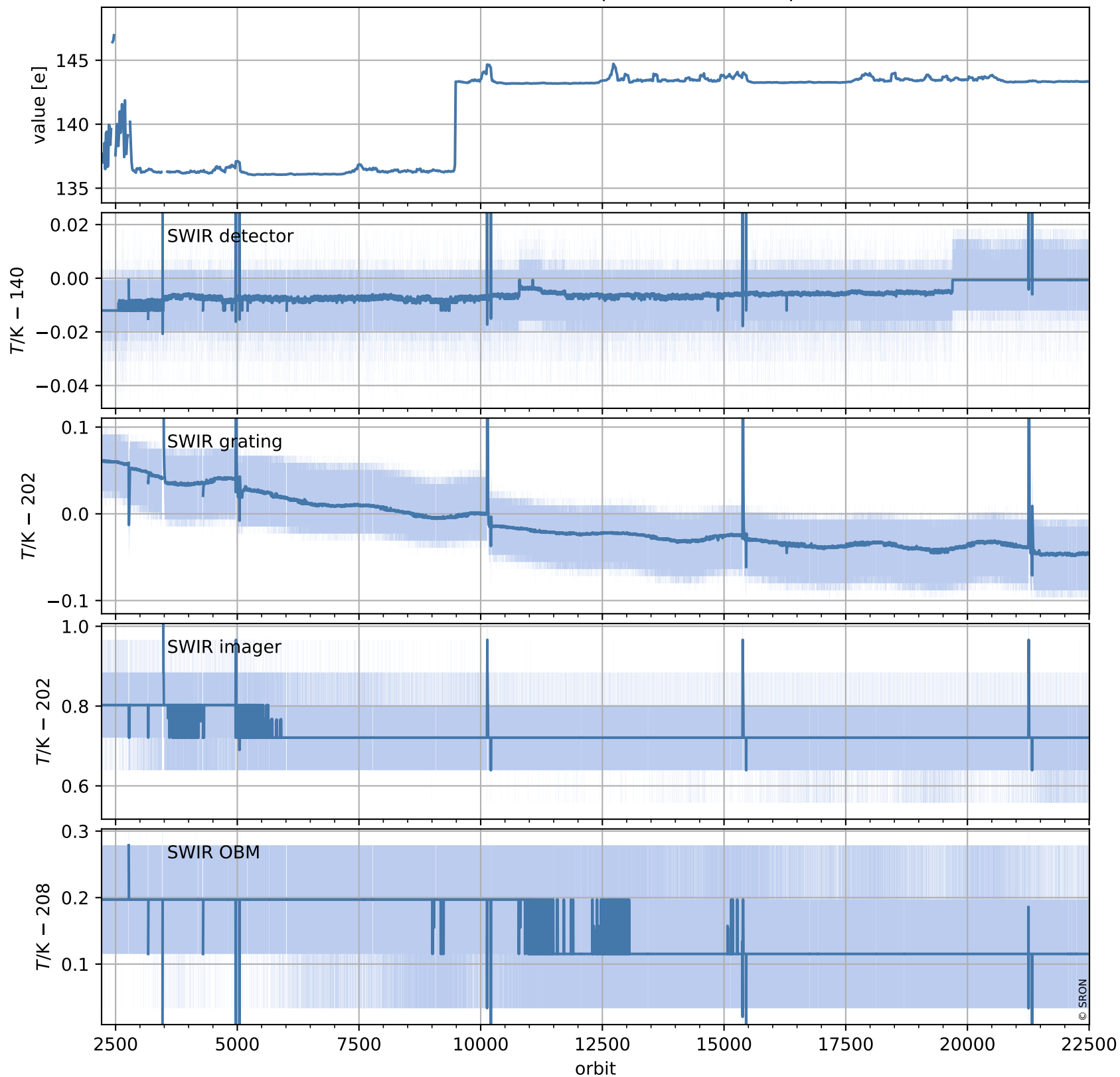
orbits : 12 in [22432, 22507]
coverage : 2022-02-09 / 2022-02-15
created : 2023-08-21T16:24:20



Tropomi SWIR background noise (swir)

orbits : [2212, 22507]
coverage : 2018-03-18 / 2022-02-15
created : 2023-08-21T16:24:21

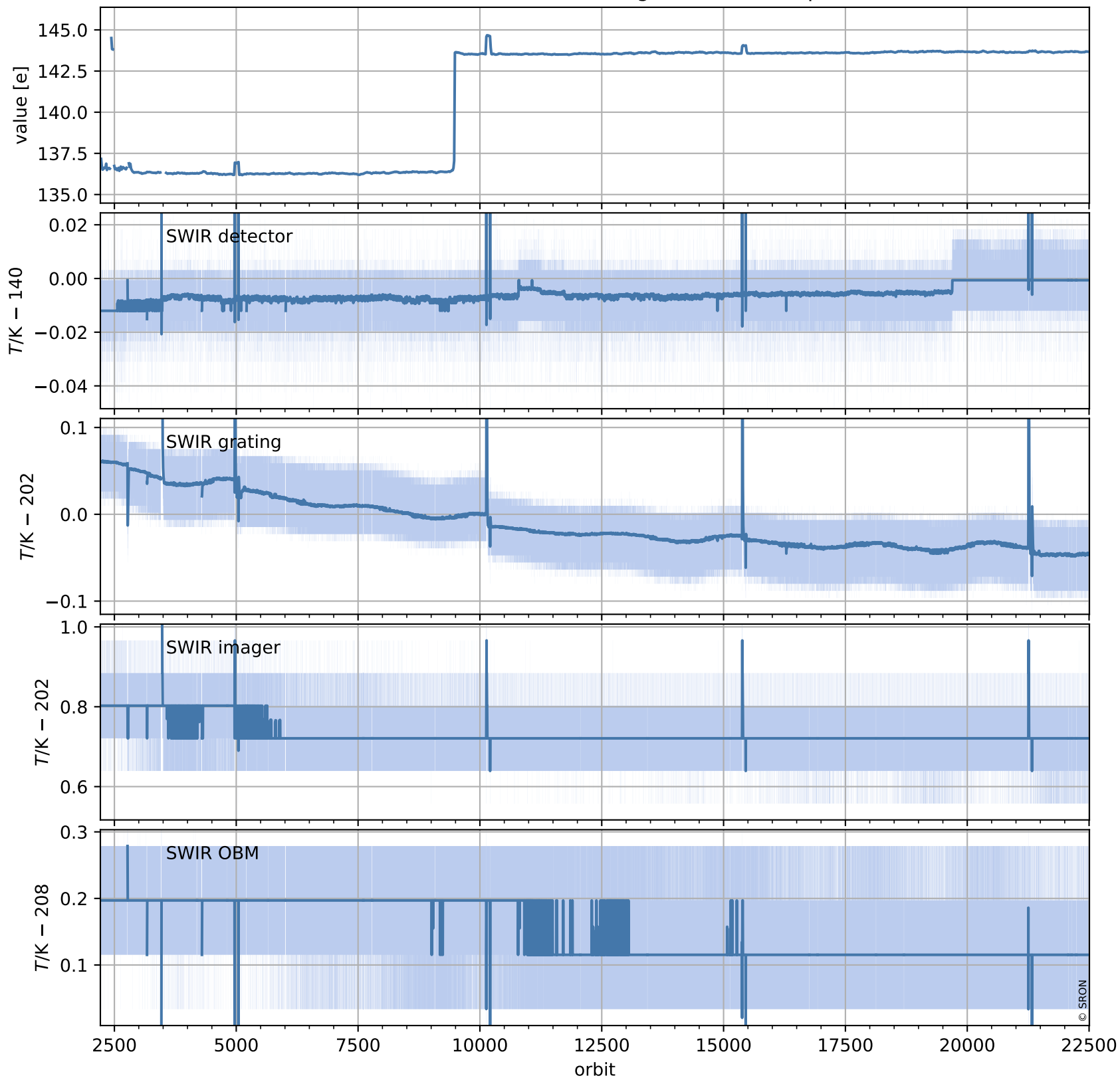
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22507]
coverage : 2018-03-18 / 2022-02-15
created : 2023-08-21T16:24:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22507]
coverage : 2018-03-18 / 2022-02-15
created : 2023-08-21T16:24:22

trend of normalized read-noise & temperatures

