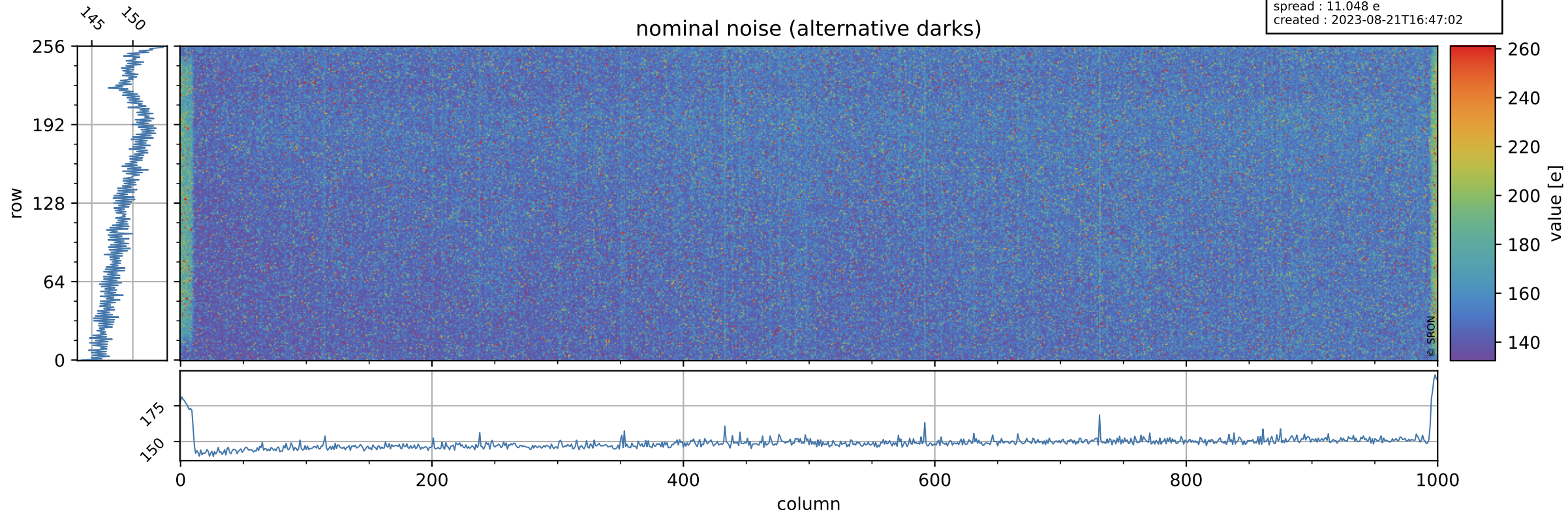


Tropomi SWIR background noise (swir)

orbits : 12 in [26047, 26122]
coverage : 2022-10-22 / 2022-10-28
n_coad, t_exp : 1, 1.0783
median : 148.83 e
spread : 11.048 e
created : 2023-08-21T16:47:02

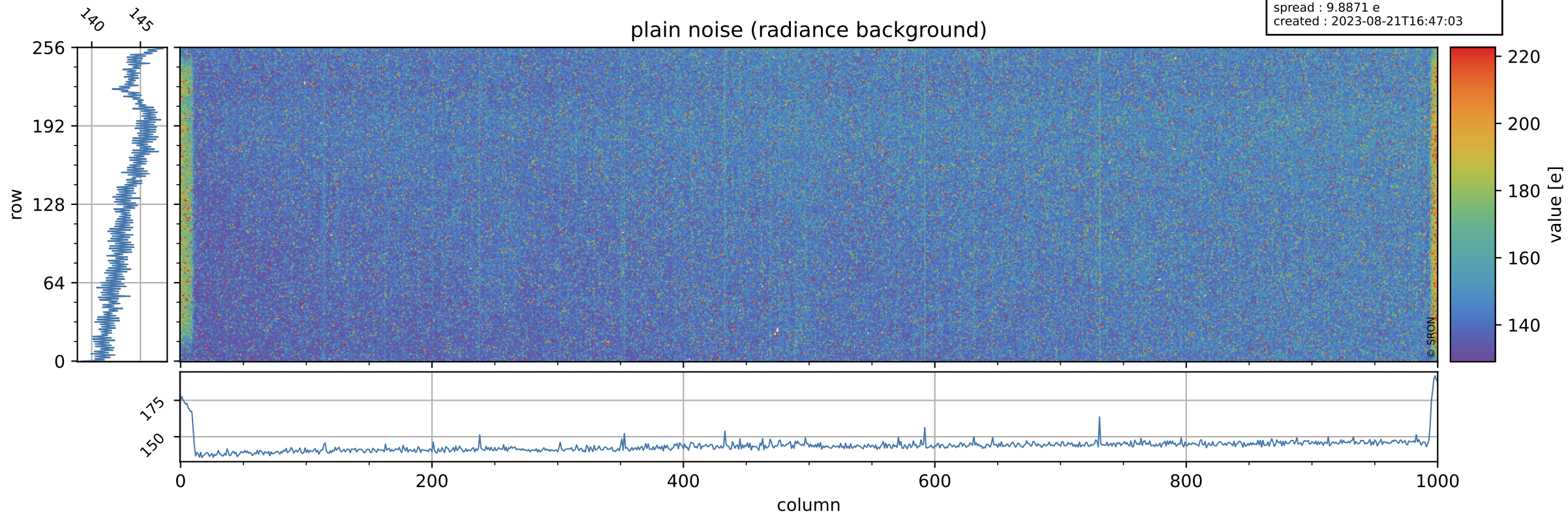
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26047, 26122]
coverage : 2022-10-22 / 2022-10-28
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8871 e
created : 2023-08-21T16:47:03

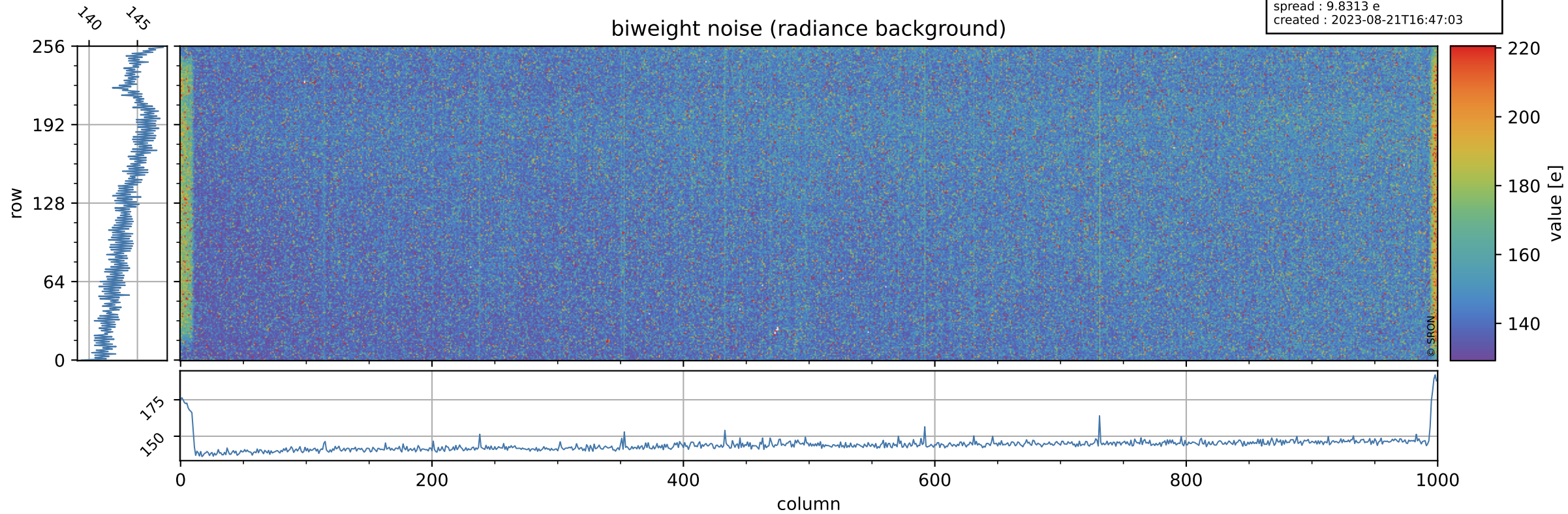
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26047, 26122]
coverage : 2022-10-22 / 2022-10-28
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.8313 e
created : 2023-08-21T16:47:03

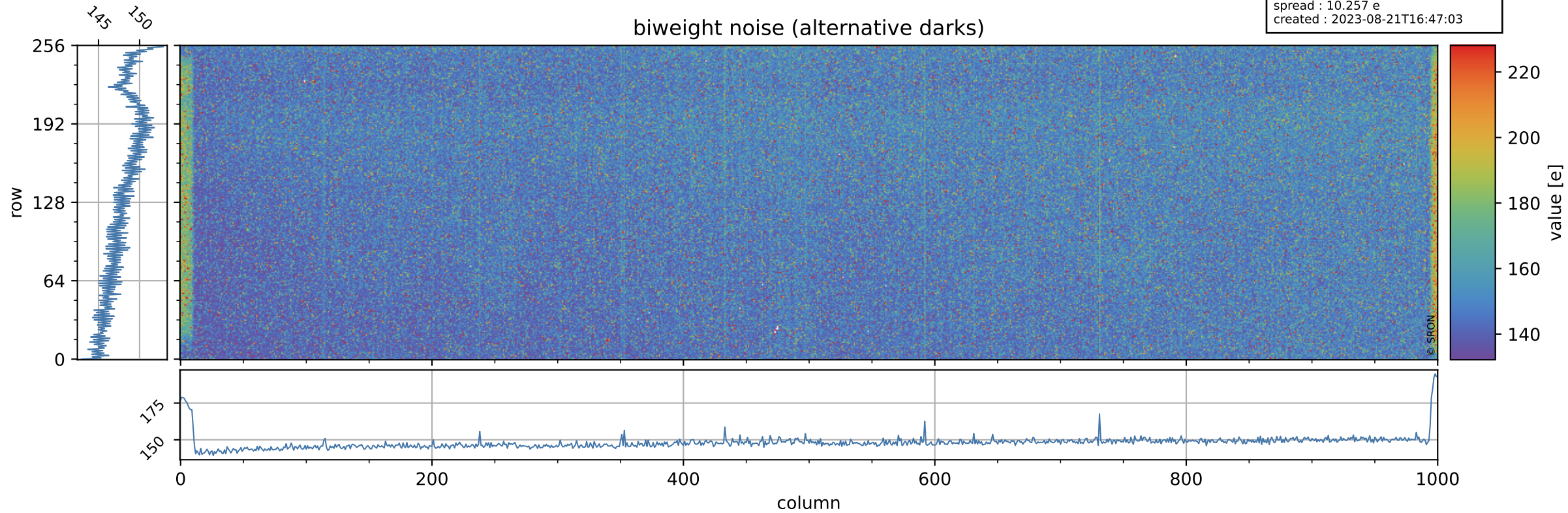
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26047, 26122]
coverage : 2022-10-22 / 2022-10-28
n_coad, t_exp : 1, 1.0783
median : 147.86 e
spread : 10.257 e
created : 2023-08-21T16:47:03

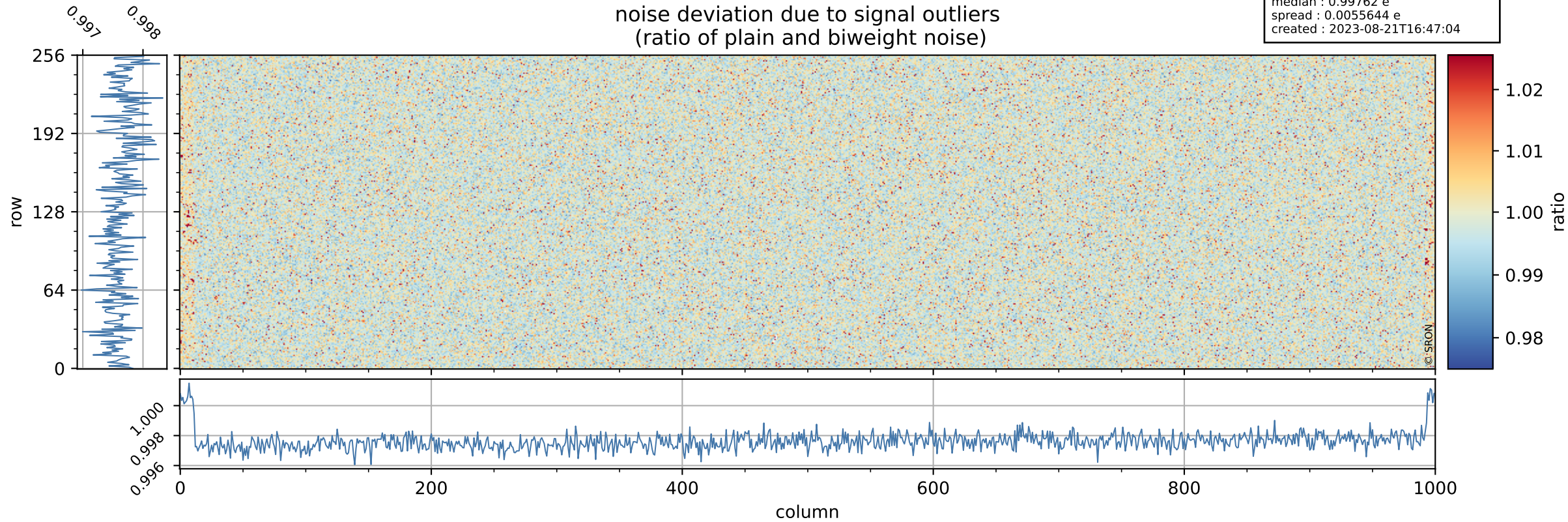
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

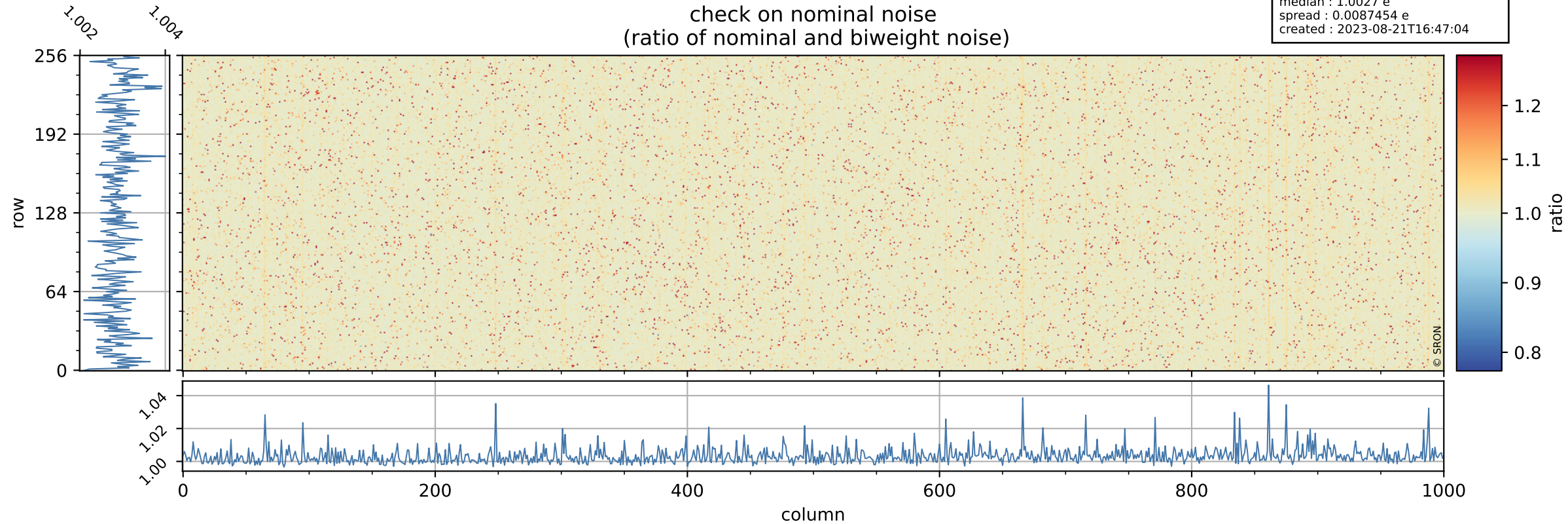
orbits : 12 in [26047, 26122]
coverage : 2022-10-22 / 2022-10-28
median : 0.99762 e
spread : 0.0055644 e
created : 2023-08-21T16:47:04



Tropomi SWIR background noise (swir)

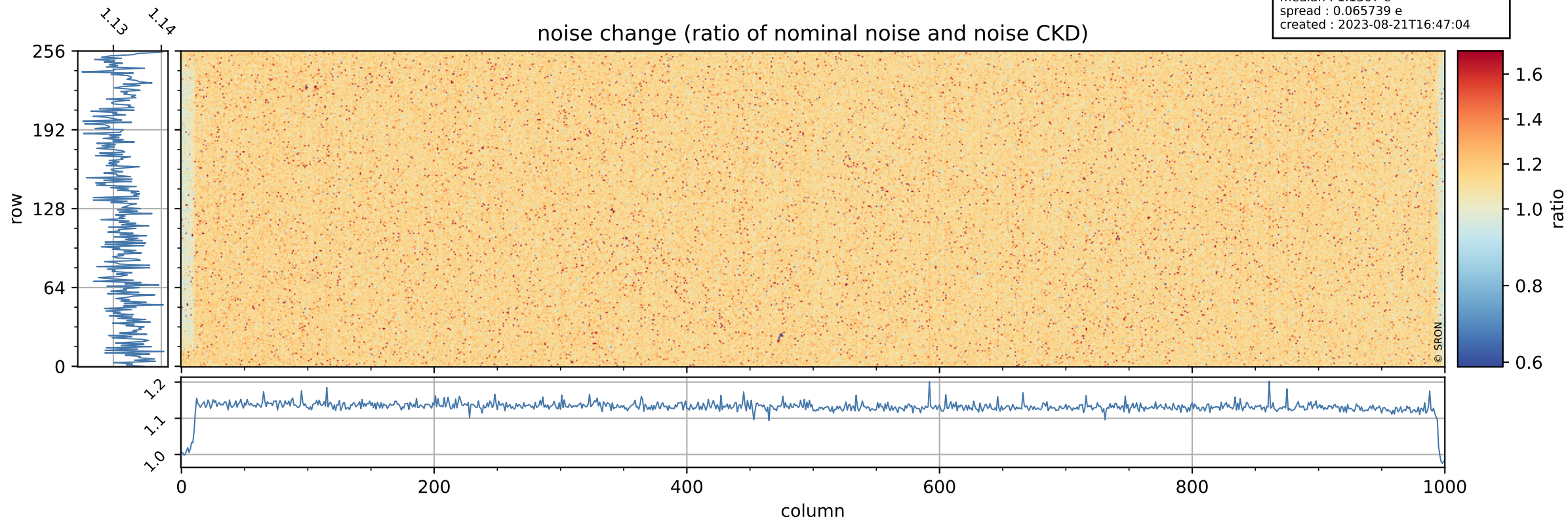
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26047, 26122]
coverage : 2022-10-22 / 2022-10-28
median : 1.0027 e
spread : 0.0087454 e
created : 2023-08-21T16:47:04



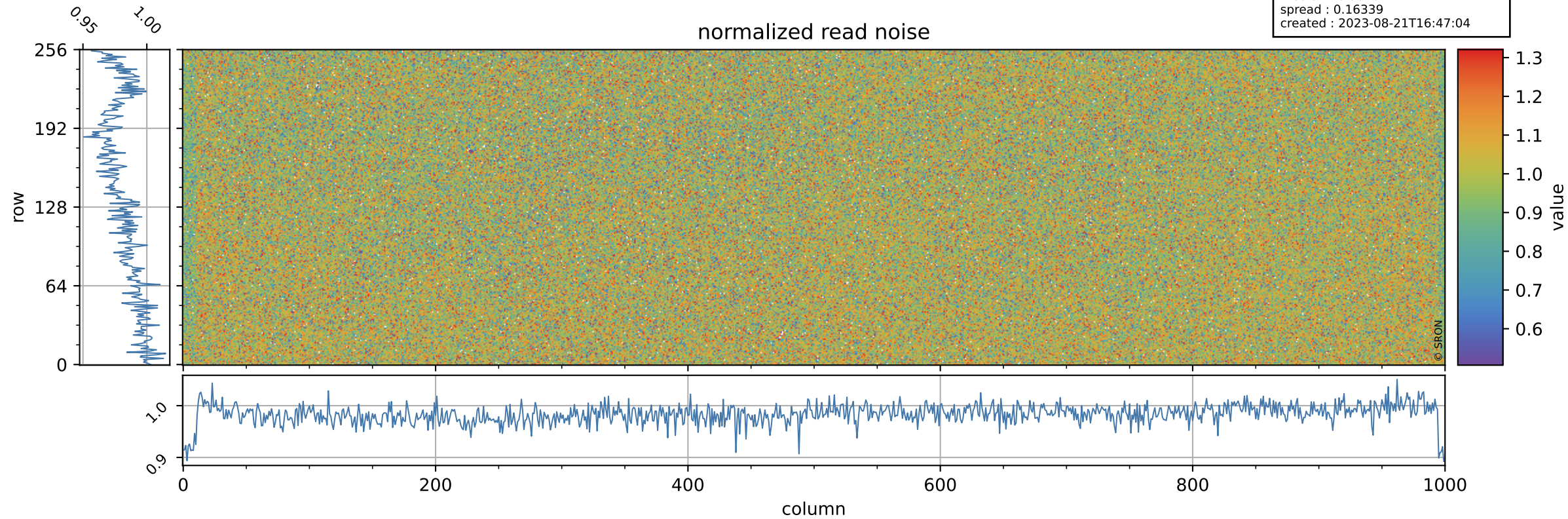
Tropomi SWIR background noise (swir)

orbits : 12 in [26047, 26122]
coverage : 2022-10-22 / 2022-10-28
median : 1.1307 e
spread : 0.065739 e
created : 2023-08-21T16:47:04



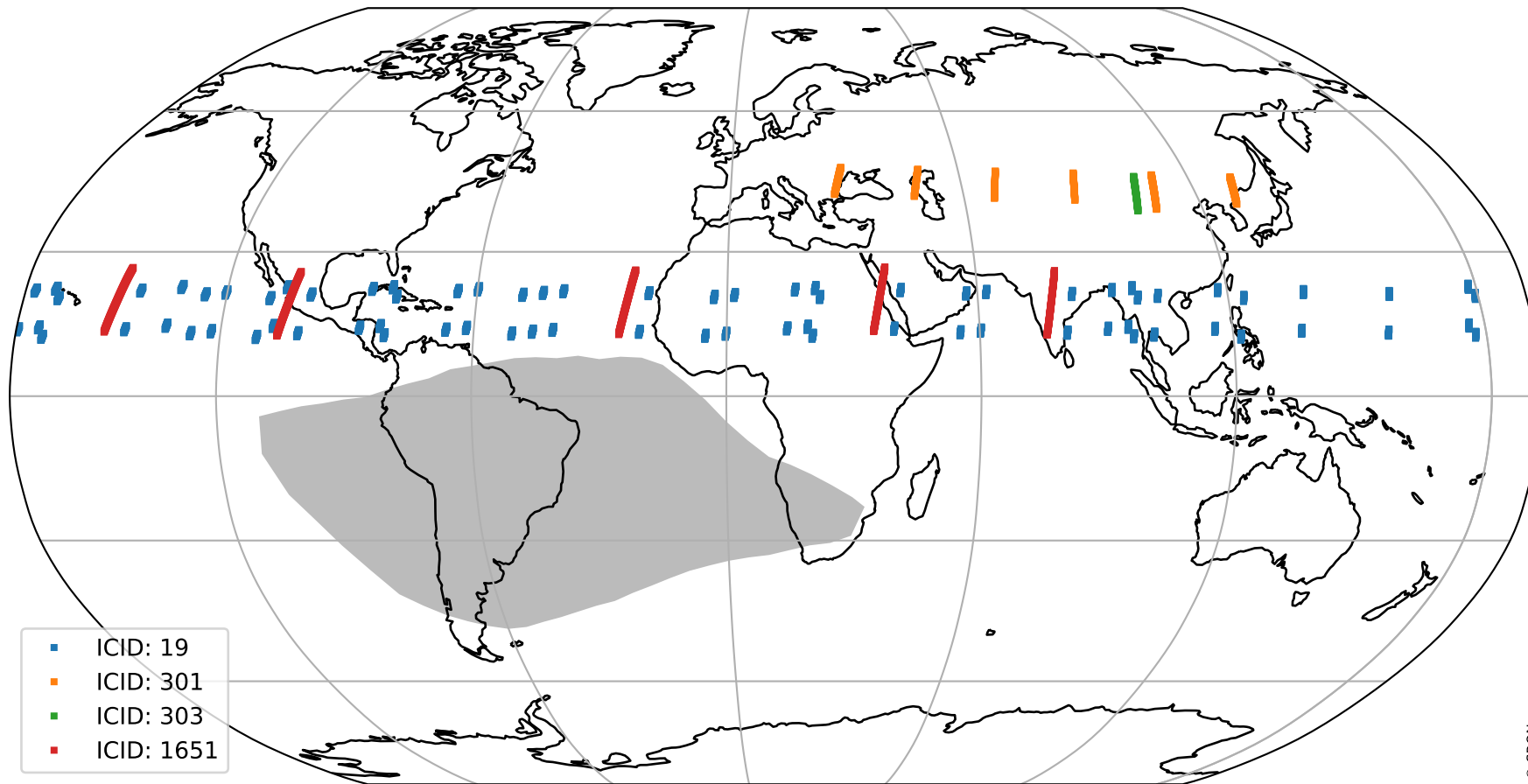
Tropomi SWIR background noise (swir)

orbits : 12 in [26047, 26122]
coverage : 2022-10-22 / 2022-10-28
median : 0.98202
spread : 0.16339
created : 2023-08-21T16:47:04



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

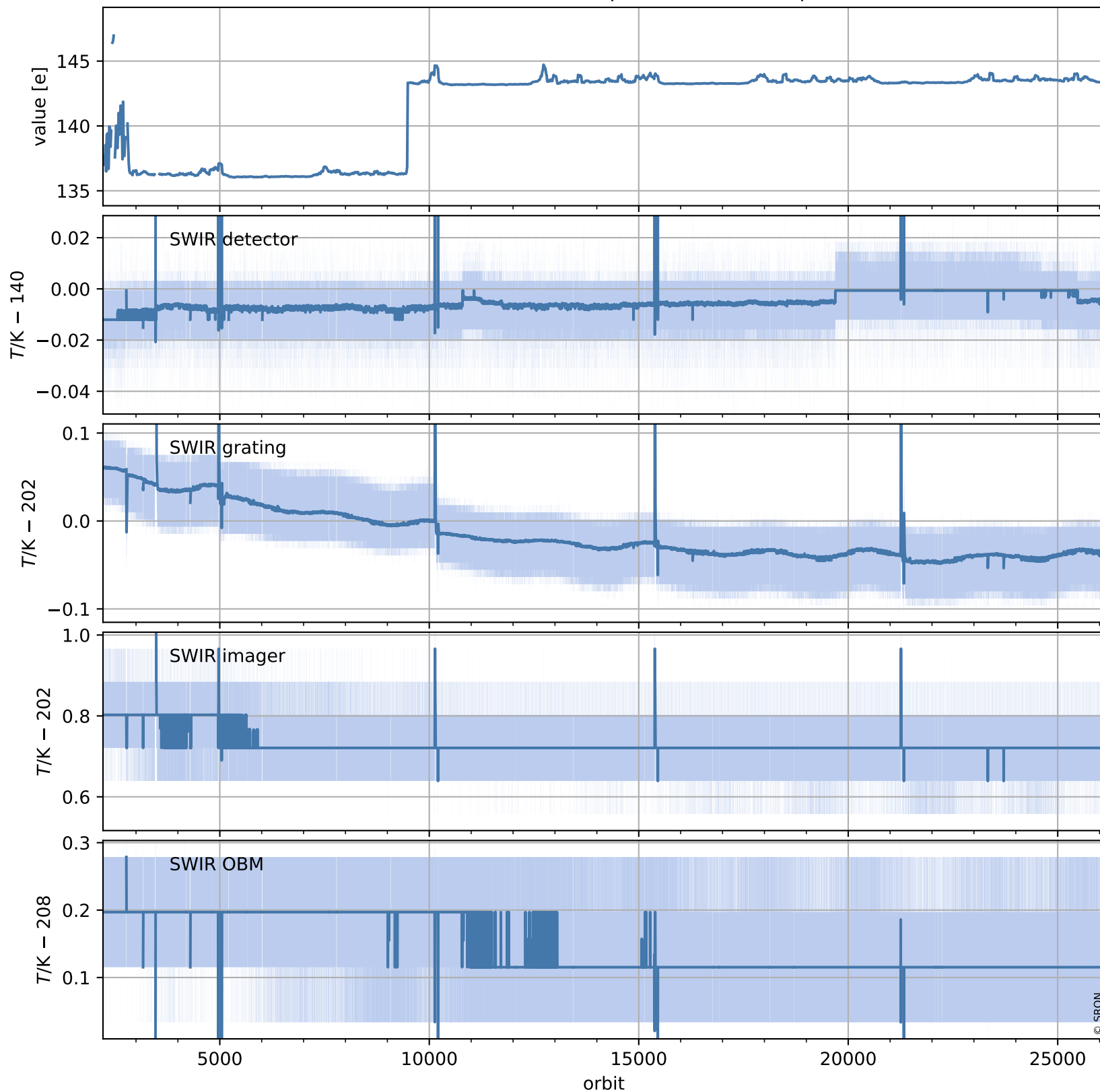
orbits : 12 in [26047, 26122]
coverage : 2022-10-22 / 2022-10-28
created : 2023-08-21T16:47:05



Tropomi SWIR background noise (swir)

orbits : [2212, 26122]
coverage : 2018-03-18 / 2022-10-28
created : 2023-08-21T16:47:05

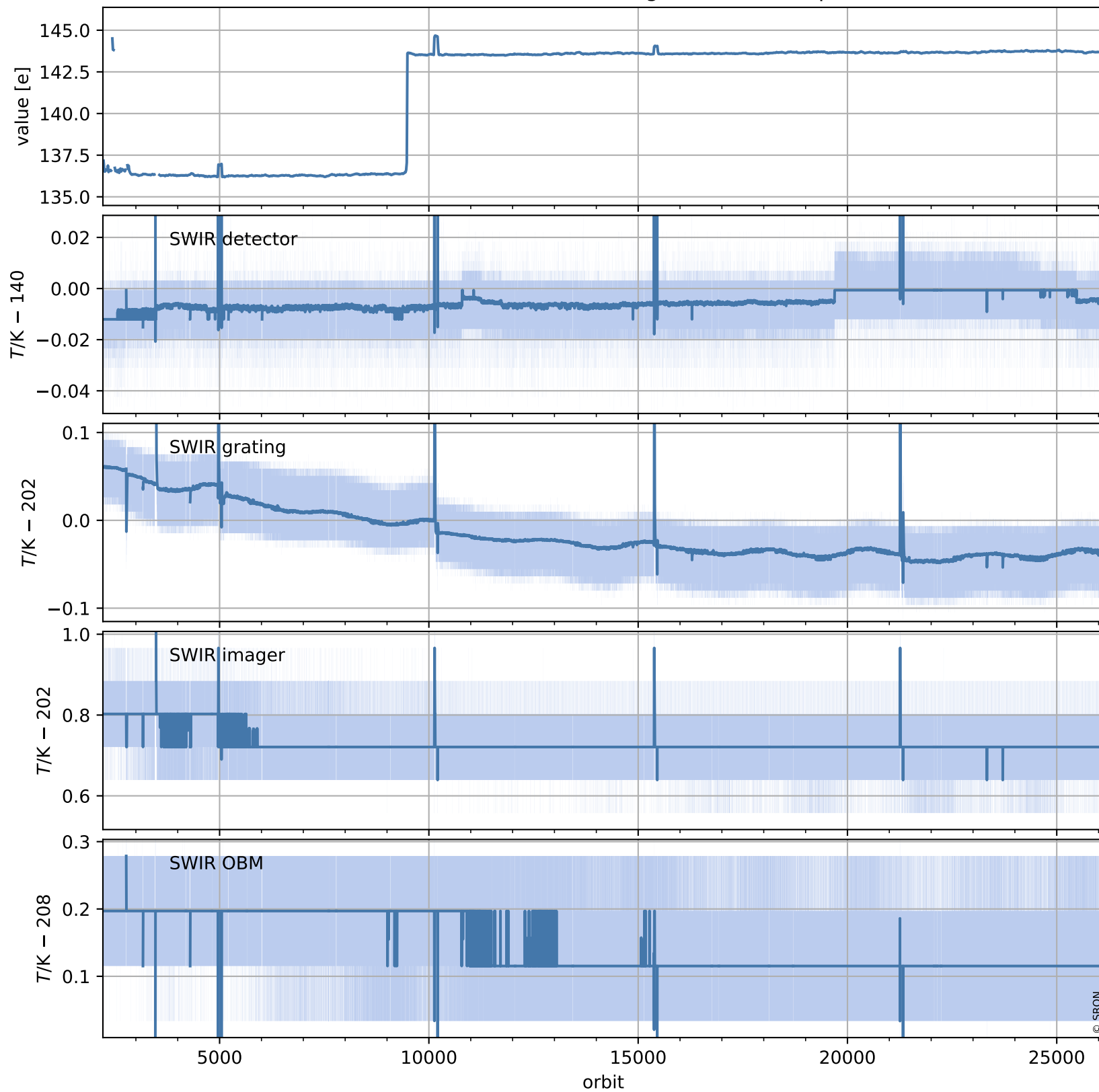
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26122]
coverage : 2018-03-18 / 2022-10-28
created : 2023-08-21T16:47:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26122]
coverage : 2018-03-18 / 2022-10-28
created : 2023-08-21T16:47:07

trend of normalized read-noise & temperatures

