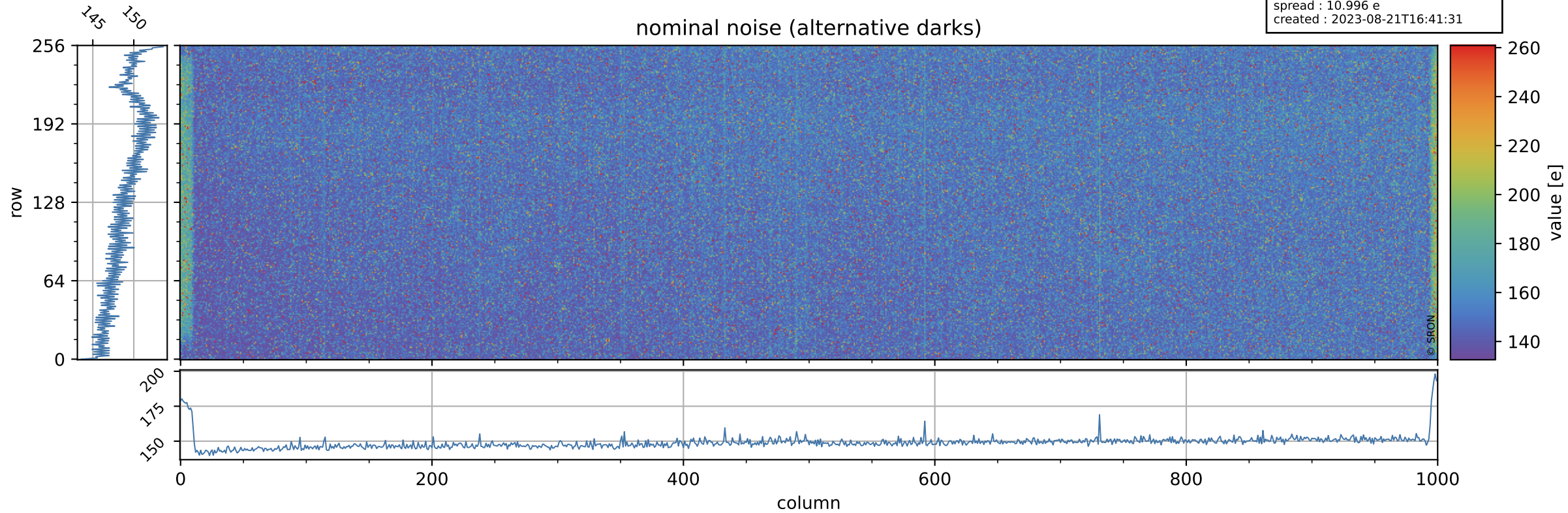


Tropomi SWIR background noise (swir)

orbits : 13 in [25132, 25207]
coverage : 2022-08-19 / 2022-08-24
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 10.996 e
created : 2023-08-21T16:41:31

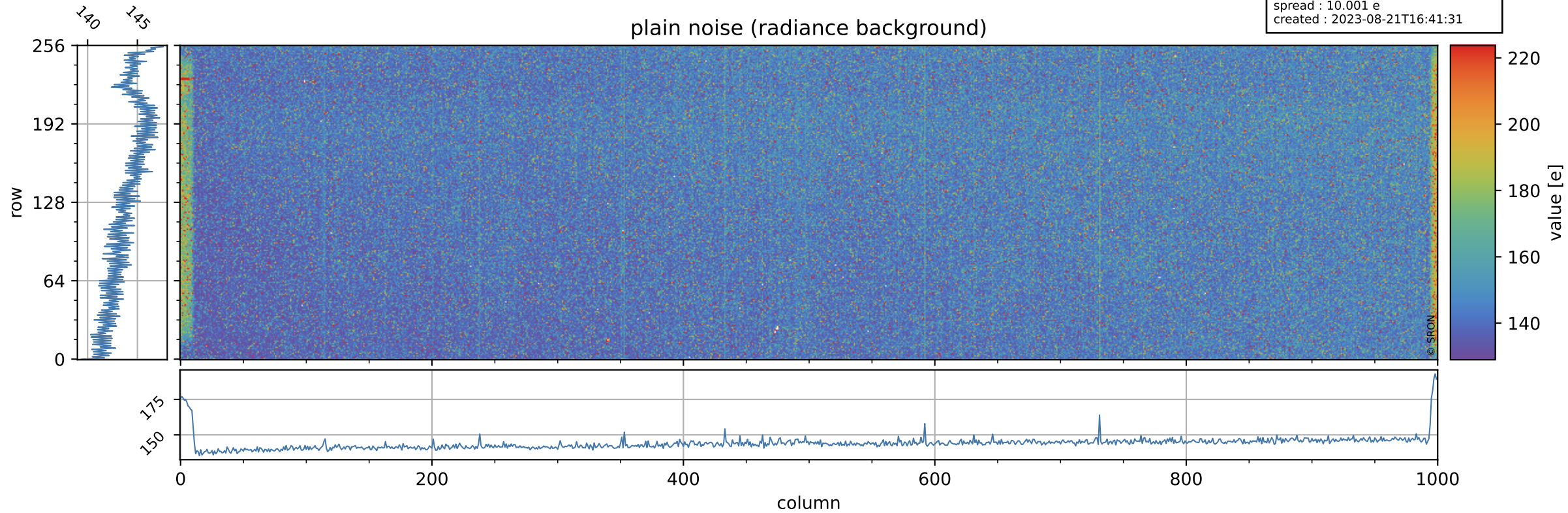
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [25132, 25207]
coverage : 2022-08-19 / 2022-08-24
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 10.001 e
created : 2023-08-21T16:41:31

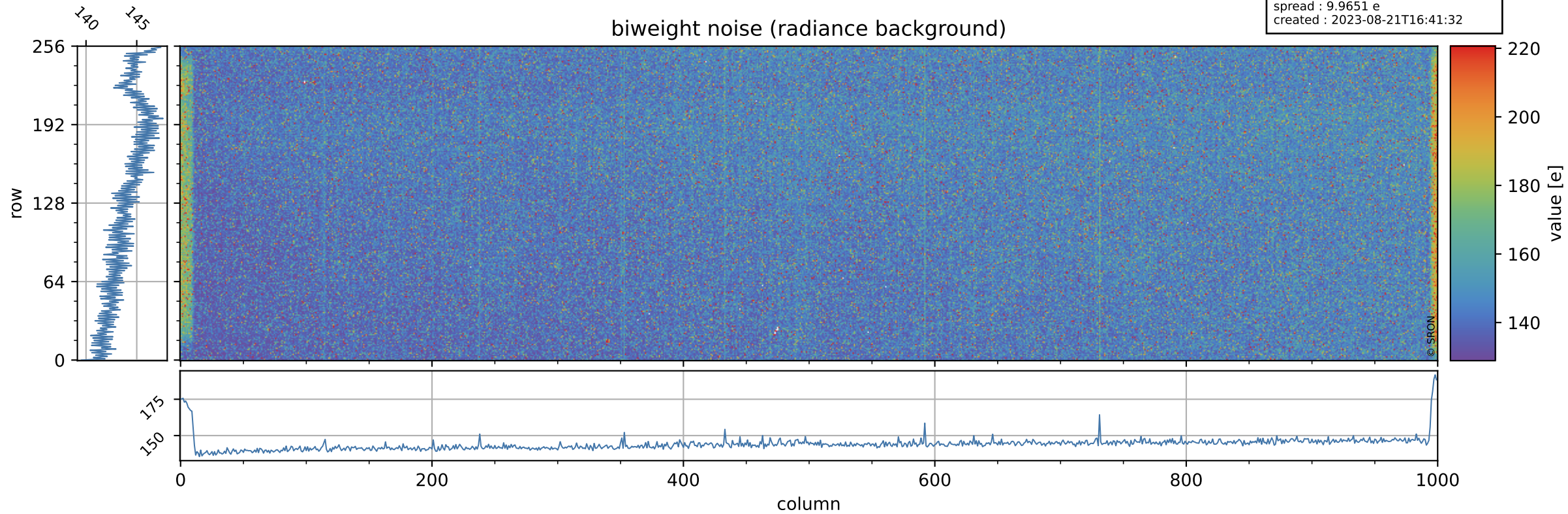
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25132, 25207]
coverage : 2022-08-19 / 2022-08-24
n_coad, t_exp : 1, 0.8383
median : 143.91 e
spread : 9.9651 e
created : 2023-08-21T16:41:32

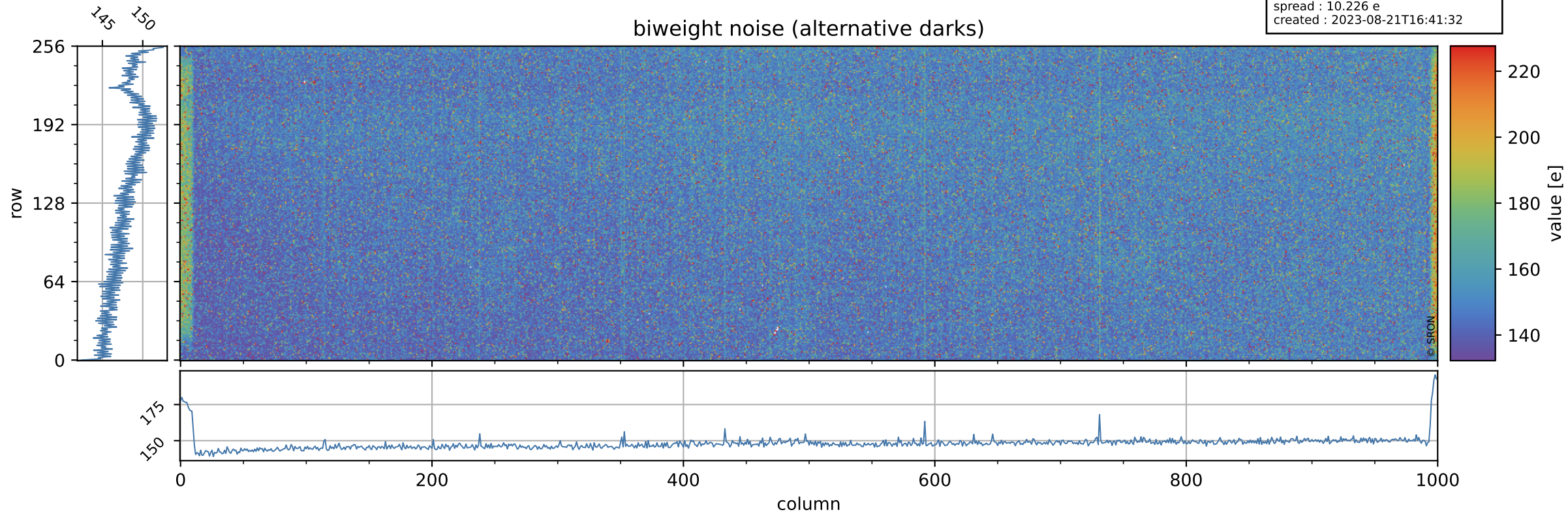
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25132, 25207]
coverage : 2022-08-19 / 2022-08-24
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.226 e
created : 2023-08-21T16:41:32

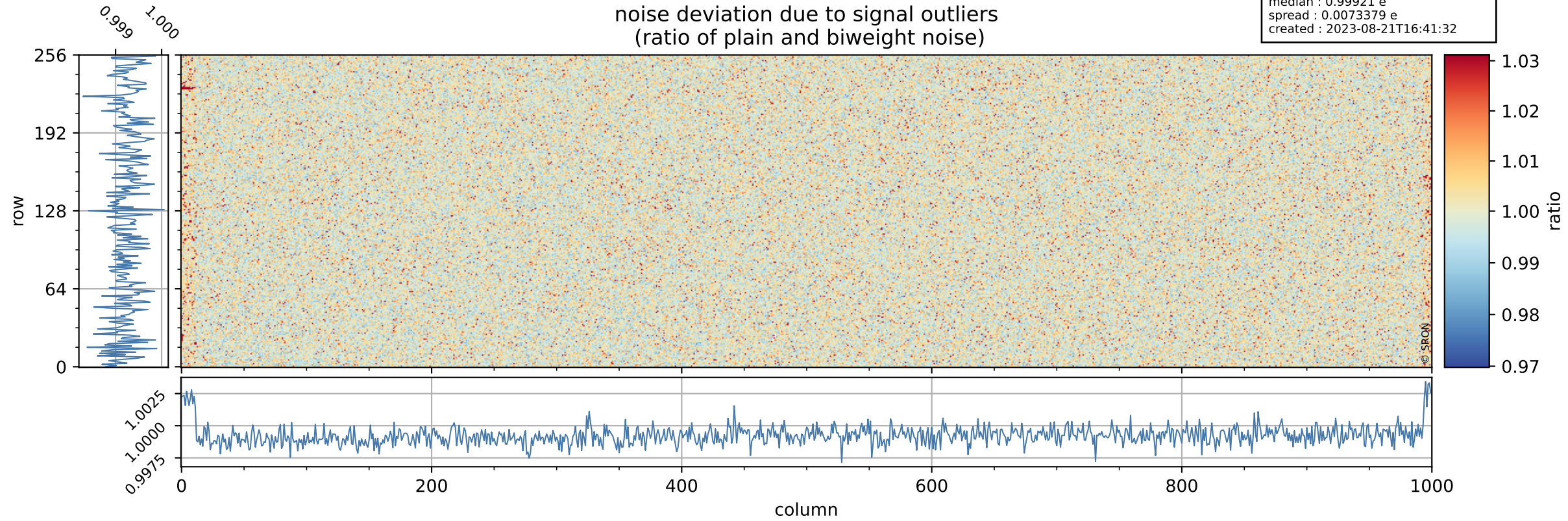
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

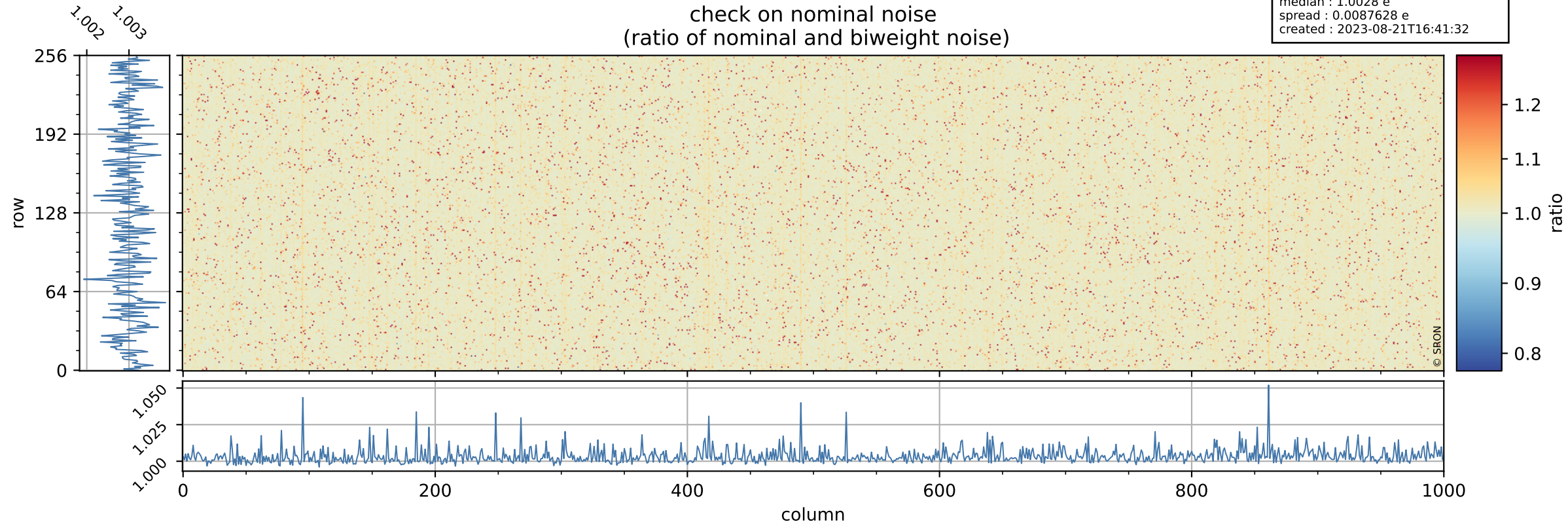
orbits : 13 in [25132, 25207]
coverage : 2022-08-19 / 2022-08-24
median : 0.99921 e
spread : 0.0073379 e
created : 2023-08-21T16:41:32



Tropomi SWIR background noise (swir)

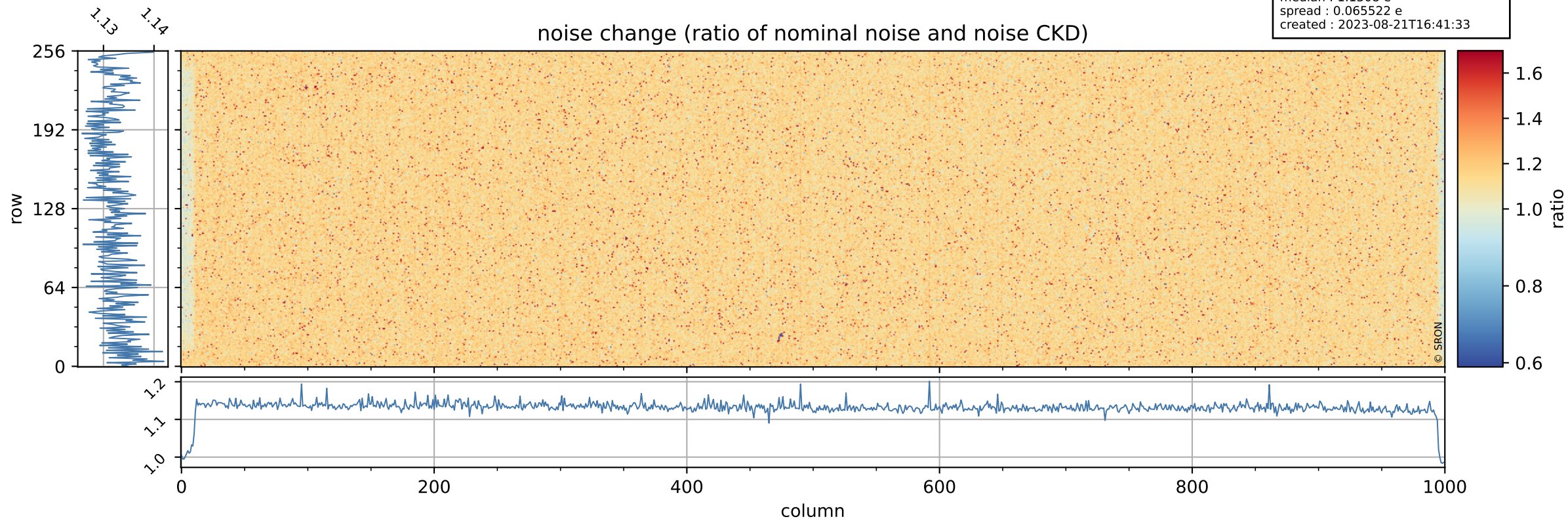
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [25132, 25207]
coverage : 2022-08-19 / 2022-08-24
median : 1.0028 e
spread : 0.0087628 e
created : 2023-08-21T16:41:32



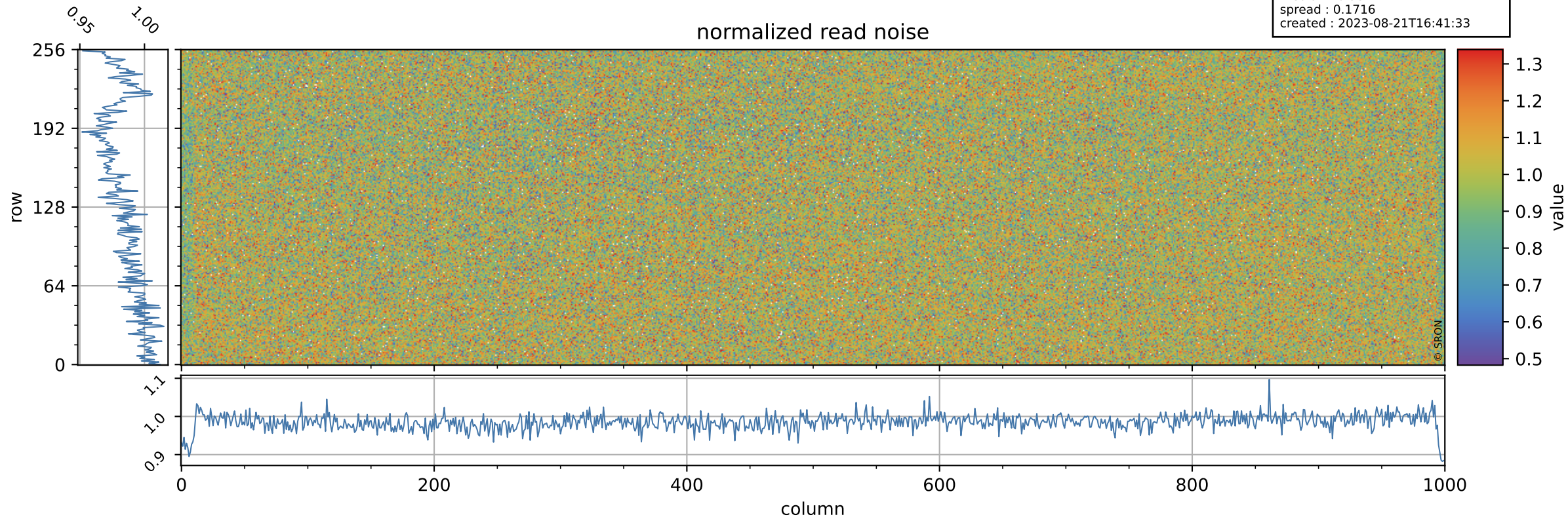
Tropomi SWIR background noise (swir)

orbits : 13 in [25132, 25207]
coverage : 2022-08-19 / 2022-08-24
median : 1.1308 e
spread : 0.065522 e
created : 2023-08-21T16:41:33



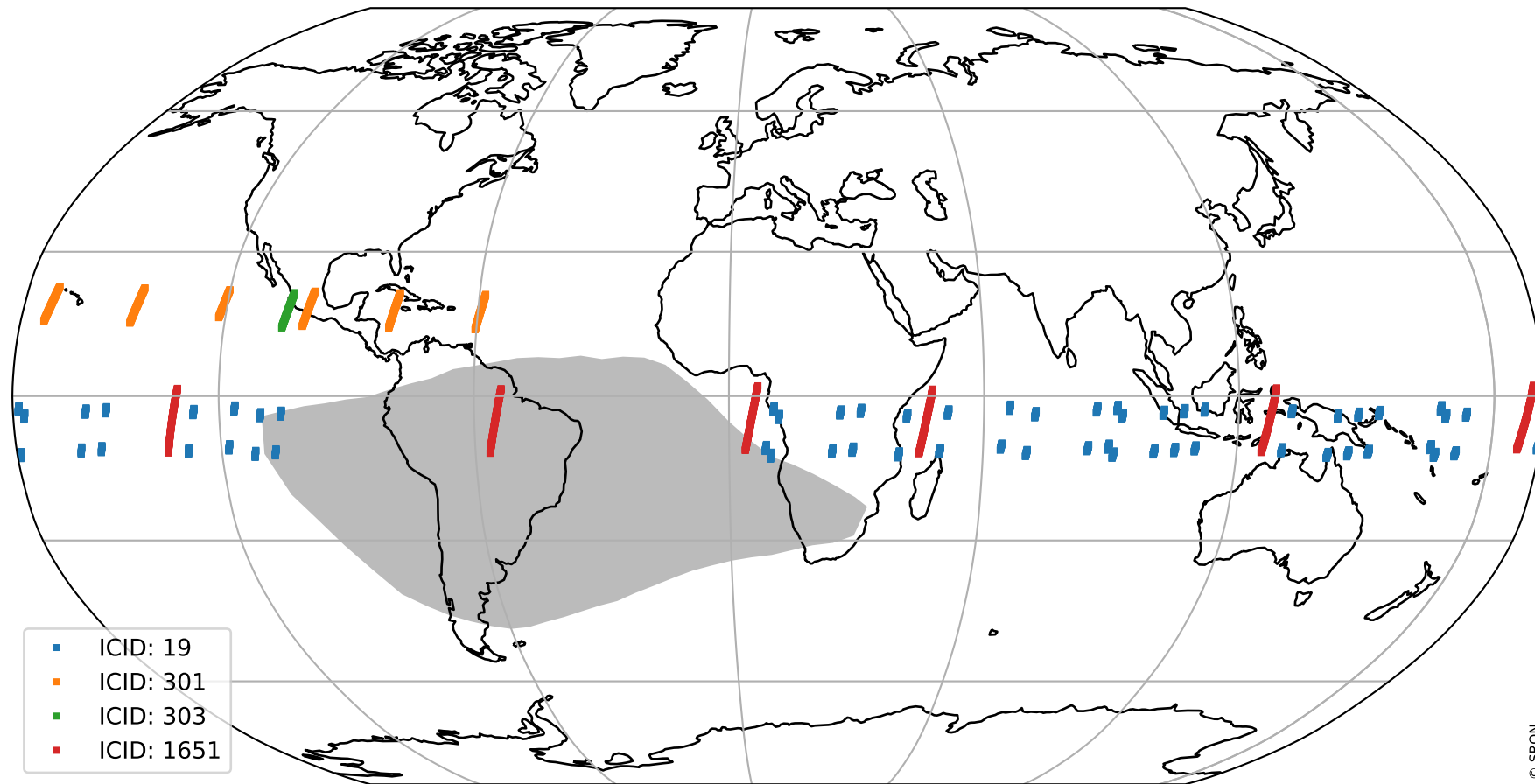
Tropomi SWIR background noise (swir)

orbits : 13 in [25132, 25207]
coverage : 2022-08-19 / 2022-08-24
median : 0.984
spread : 0.1716
created : 2023-08-21T16:41:33



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

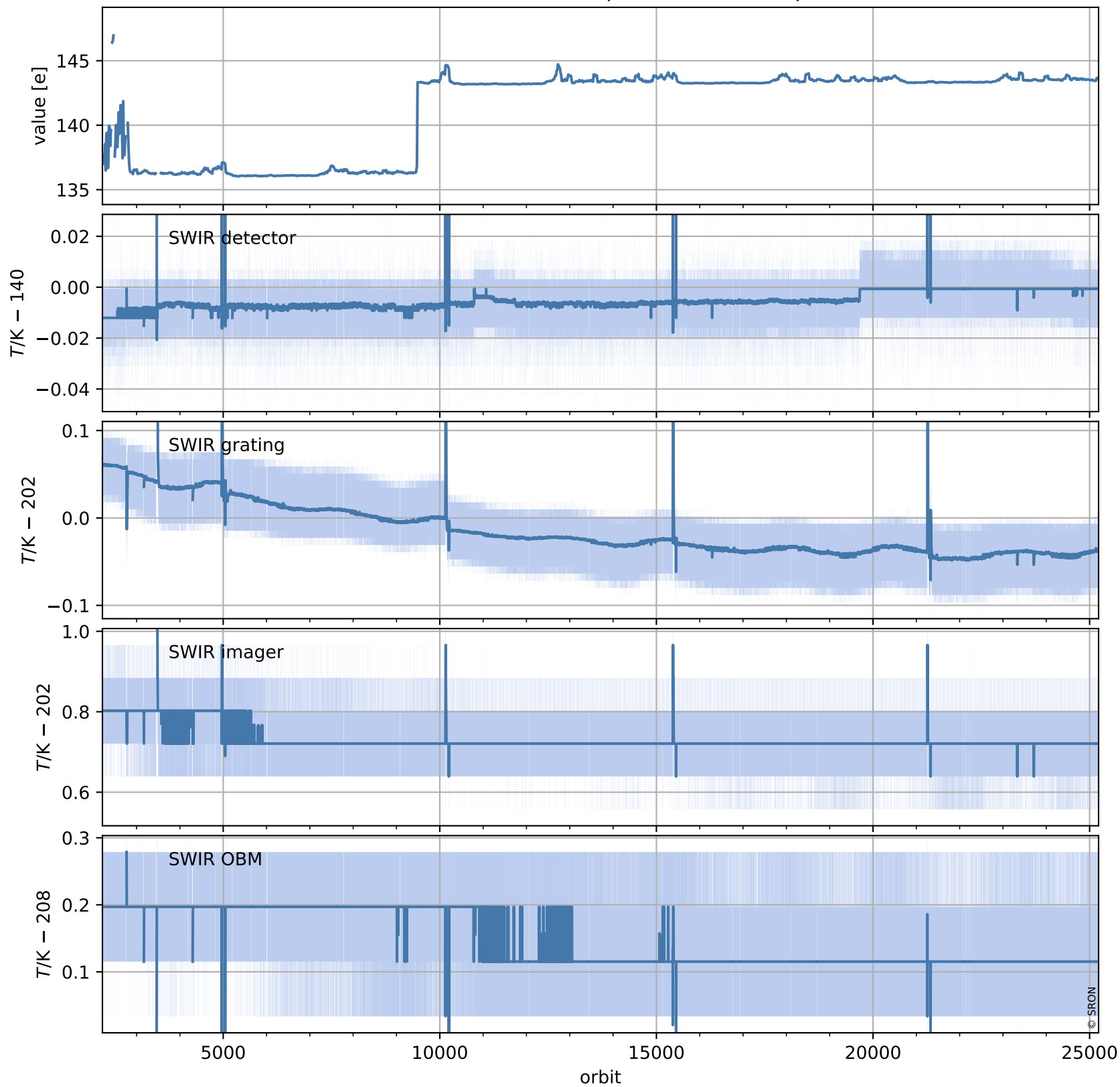
orbits : 13 in [25132, 25207]
coverage : 2022-08-19 / 2022-08-24
created : 2023-08-21T16:41:33



Tropomi SWIR background noise (swir)

orbits : [2212, 25207]
coverage : 2018-03-18 / 2022-08-24
created : 2023-08-21T16:41:33

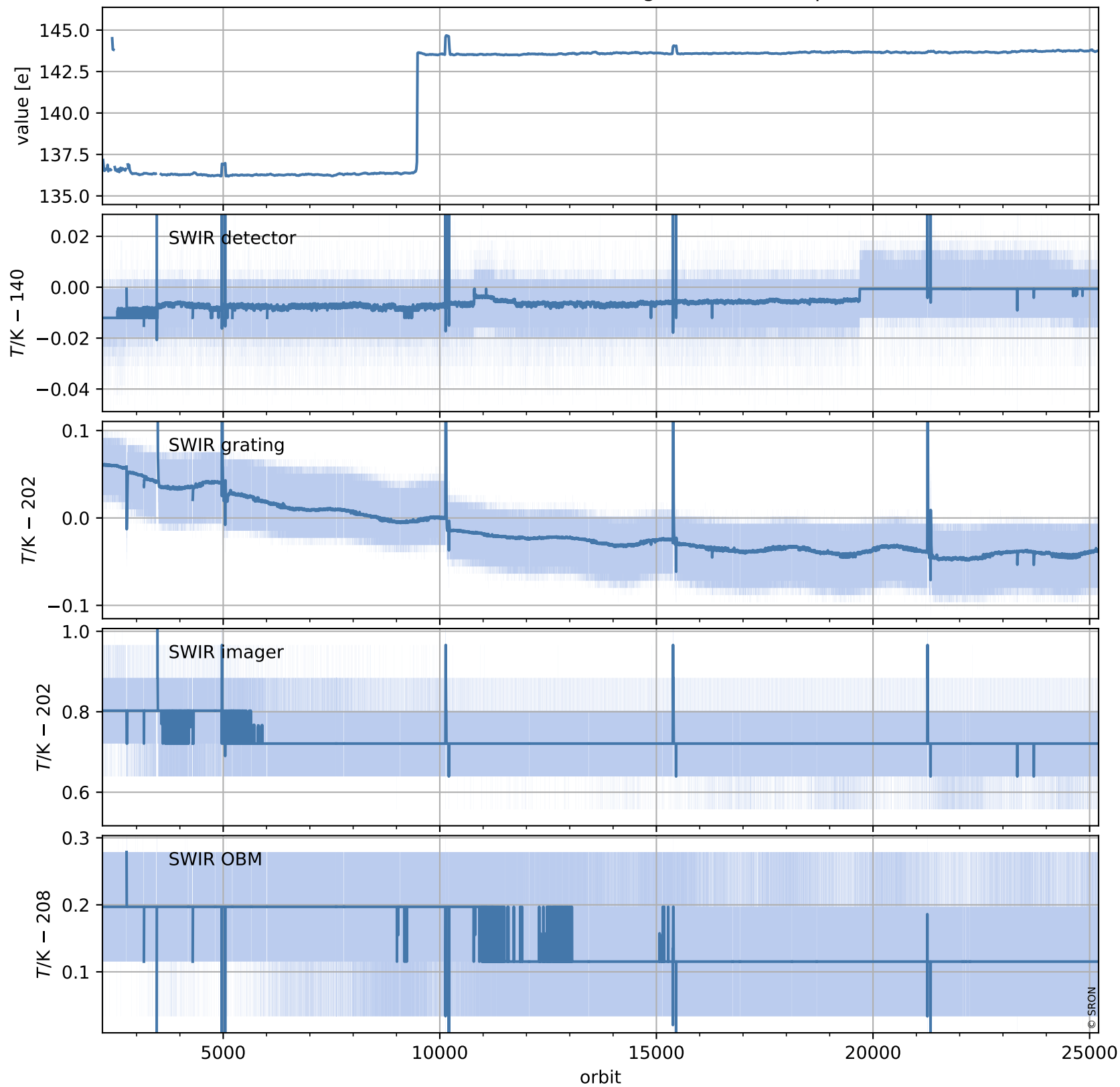
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25207]
coverage : 2018-03-18 / 2022-08-24
created : 2023-08-21T16:41:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25207]
coverage : 2018-03-18 / 2022-08-24
created : 2023-08-21T16:41:35

trend of normalized read-noise & temperatures

