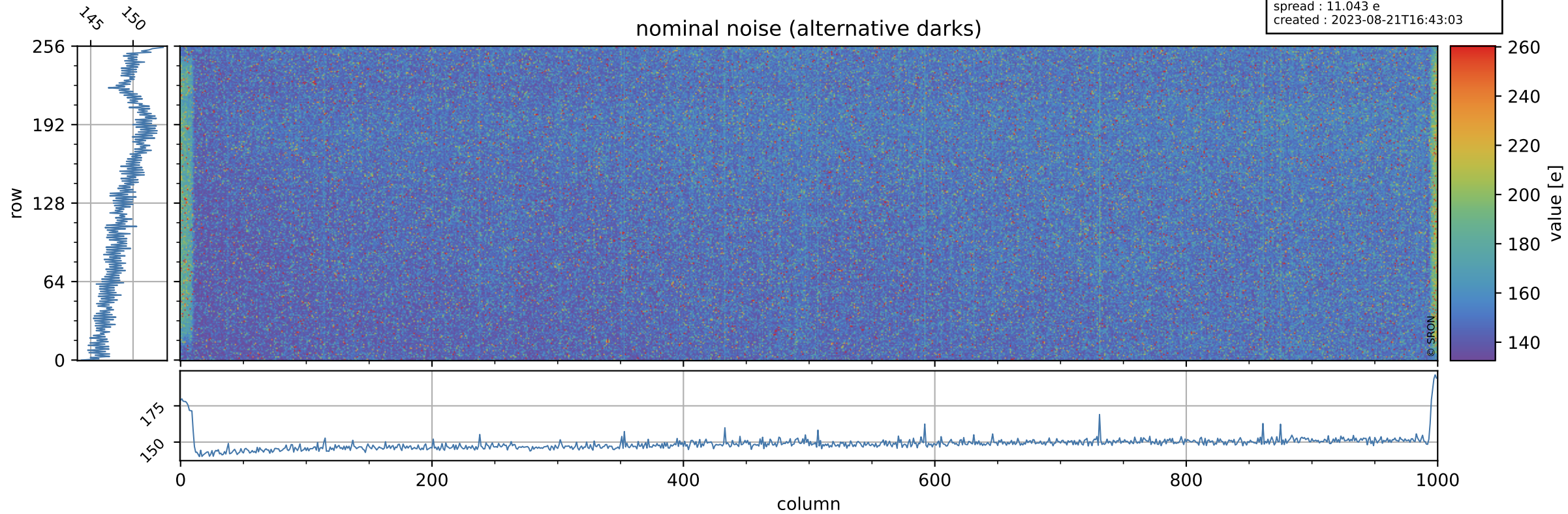


Tropomi SWIR background noise (swir)

orbits : 12 in [25372, 25462]
coverage : 2022-09-06 / 2022-09-11
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 11.043 e
created : 2023-08-21T16:43:03

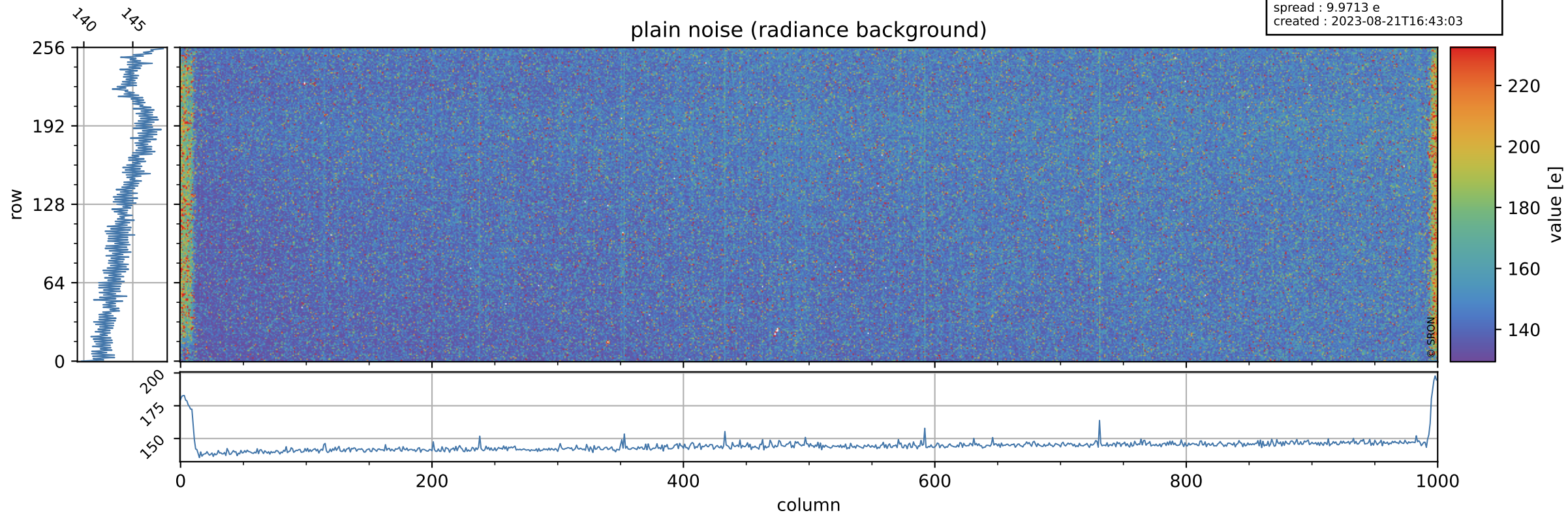
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25372, 25462]
coverage : 2022-09-06 / 2022-09-11
n_coad, t_exp : 1, 0.8383
median : 144.19 e
spread : 9.9713 e
created : 2023-08-21T16:43:03

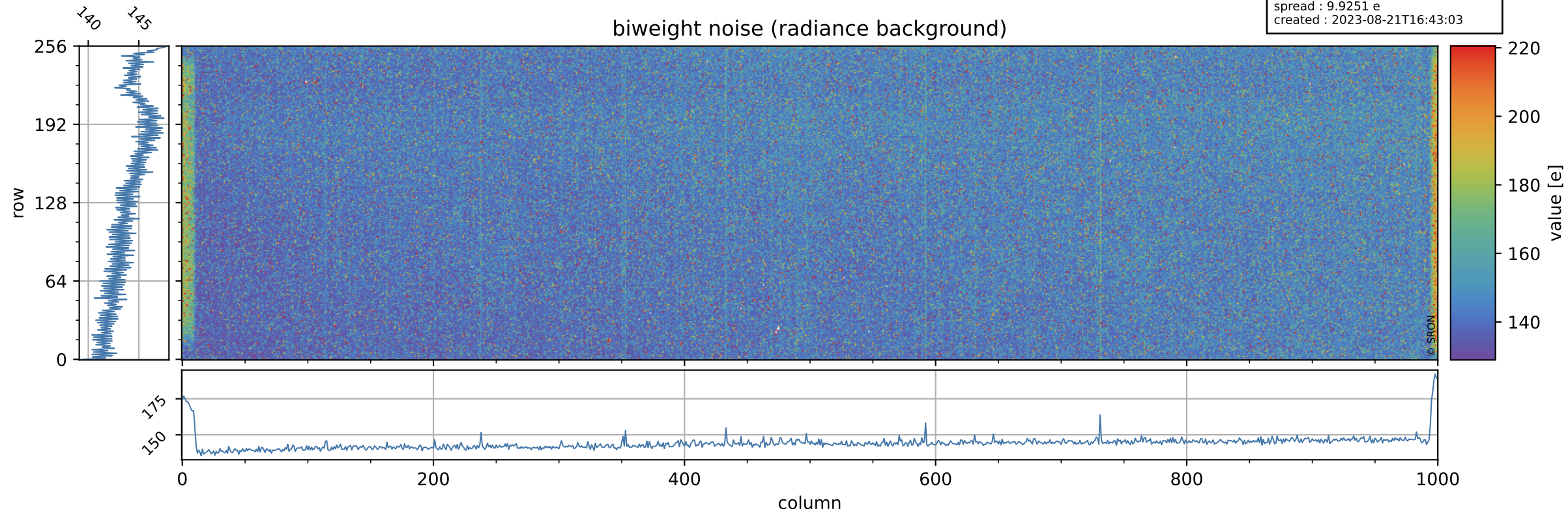
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25372, 25462]
coverage : 2022-09-06 / 2022-09-11
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.9251 e
created : 2023-08-21T16:43:03

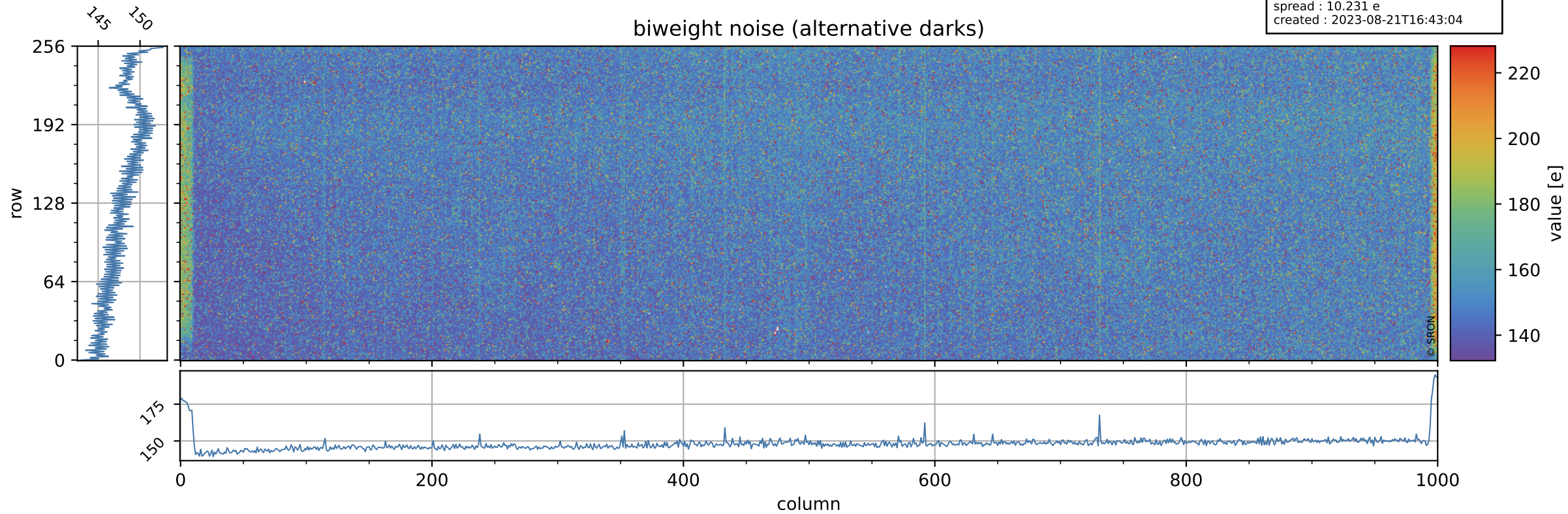
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25372, 25462]
coverage : 2022-09-06 / 2022-09-11
n_coad, t_exp : 1, 1.0783
median : 147.83 e
spread : 10.231 e
created : 2023-08-21T16:43:04

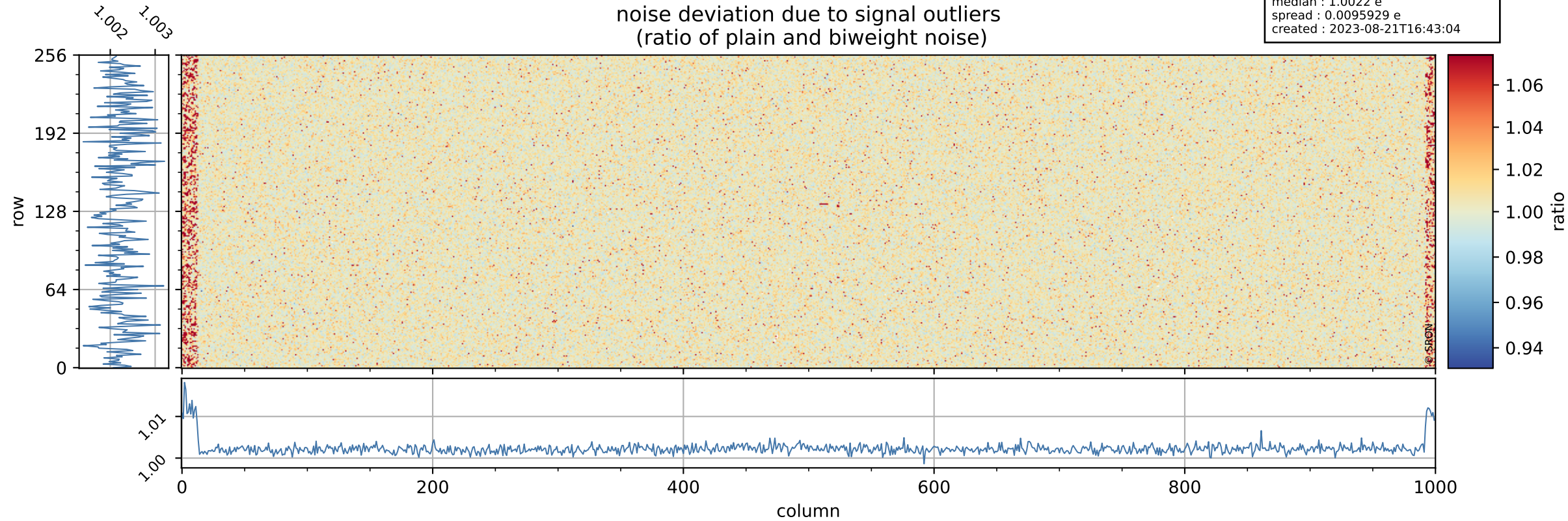
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

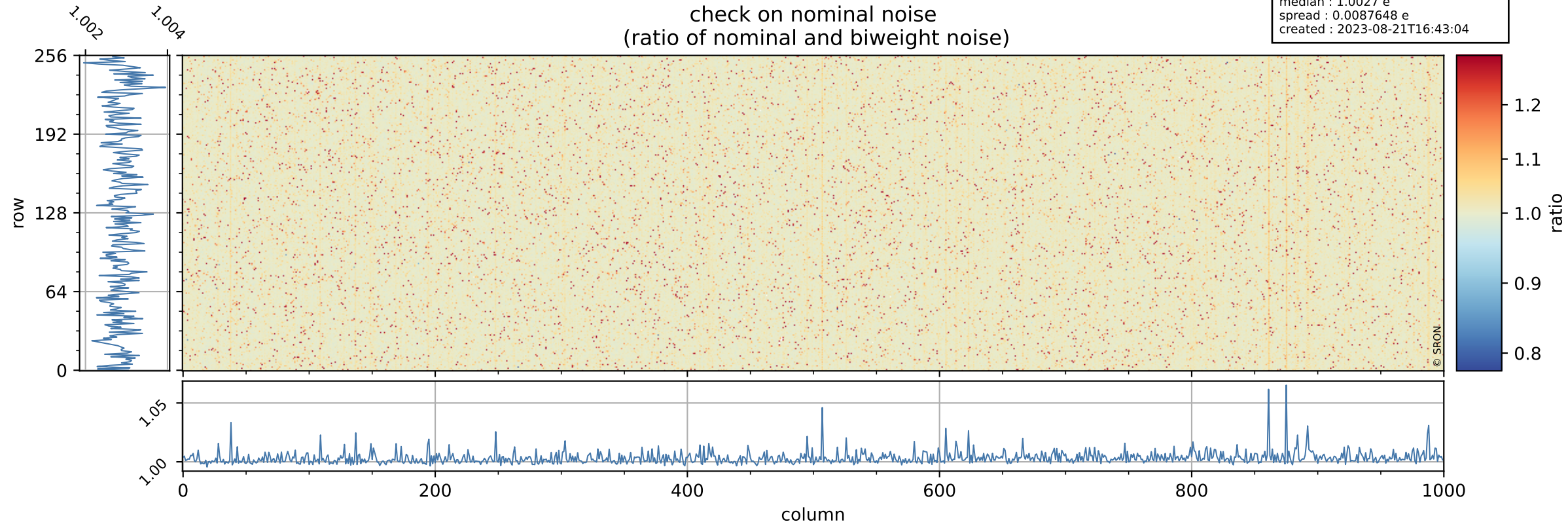
orbits : 12 in [25372, 25462]
coverage : 2022-09-06 / 2022-09-11
median : 1.0022 e
spread : 0.0095929 e
created : 2023-08-21T16:43:04



Tropomi SWIR background noise (swir)

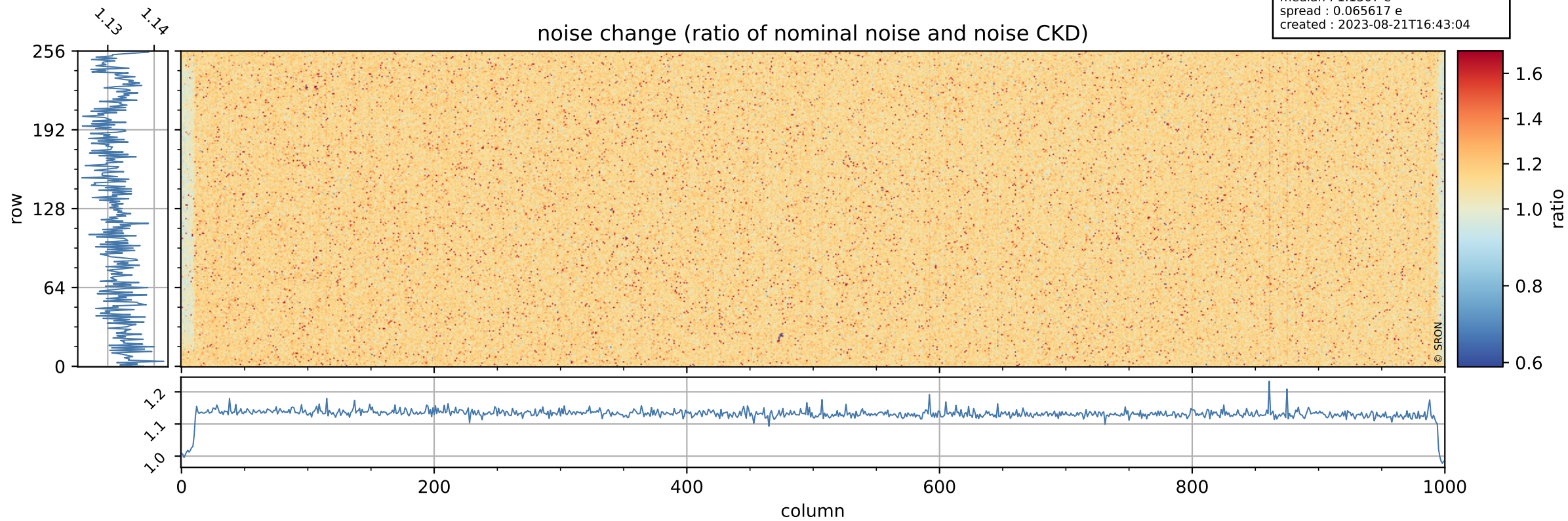
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25372, 25462]
coverage : 2022-09-06 / 2022-09-11
median : 1.0027 e
spread : 0.0087648 e
created : 2023-08-21T16:43:04



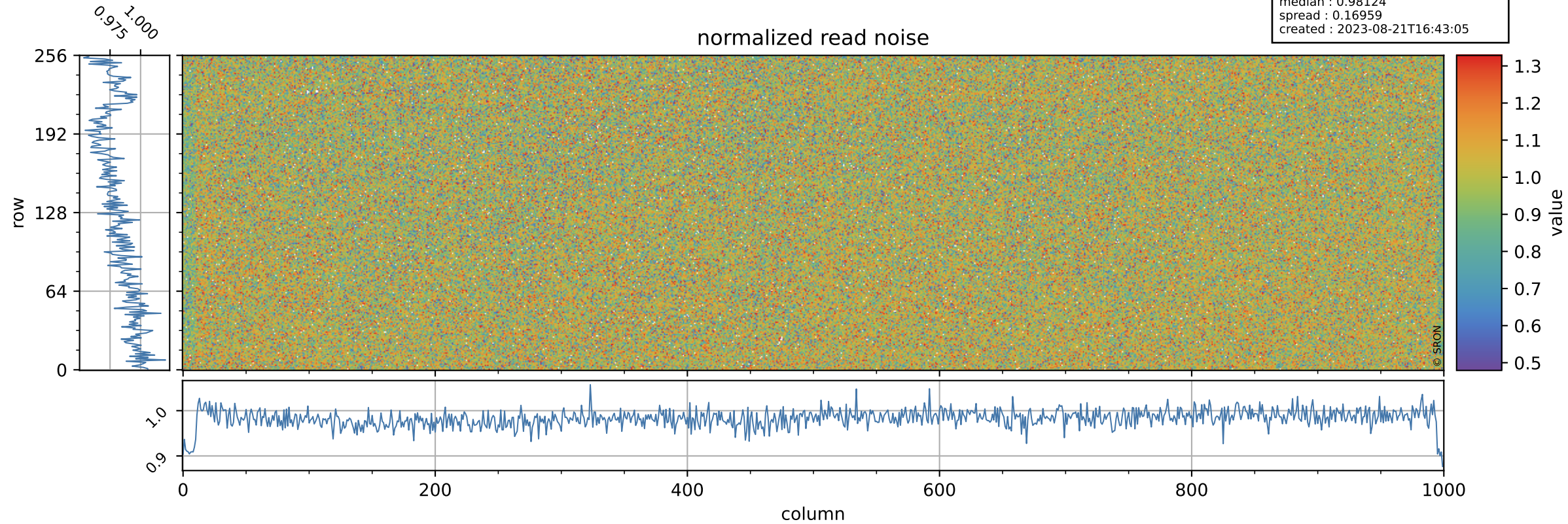
Tropomi SWIR background noise (swir)

orbits : 12 in [25372, 25462]
coverage : 2022-09-06 / 2022-09-11
median : 1.1307 e
spread : 0.065617 e
created : 2023-08-21T16:43:04



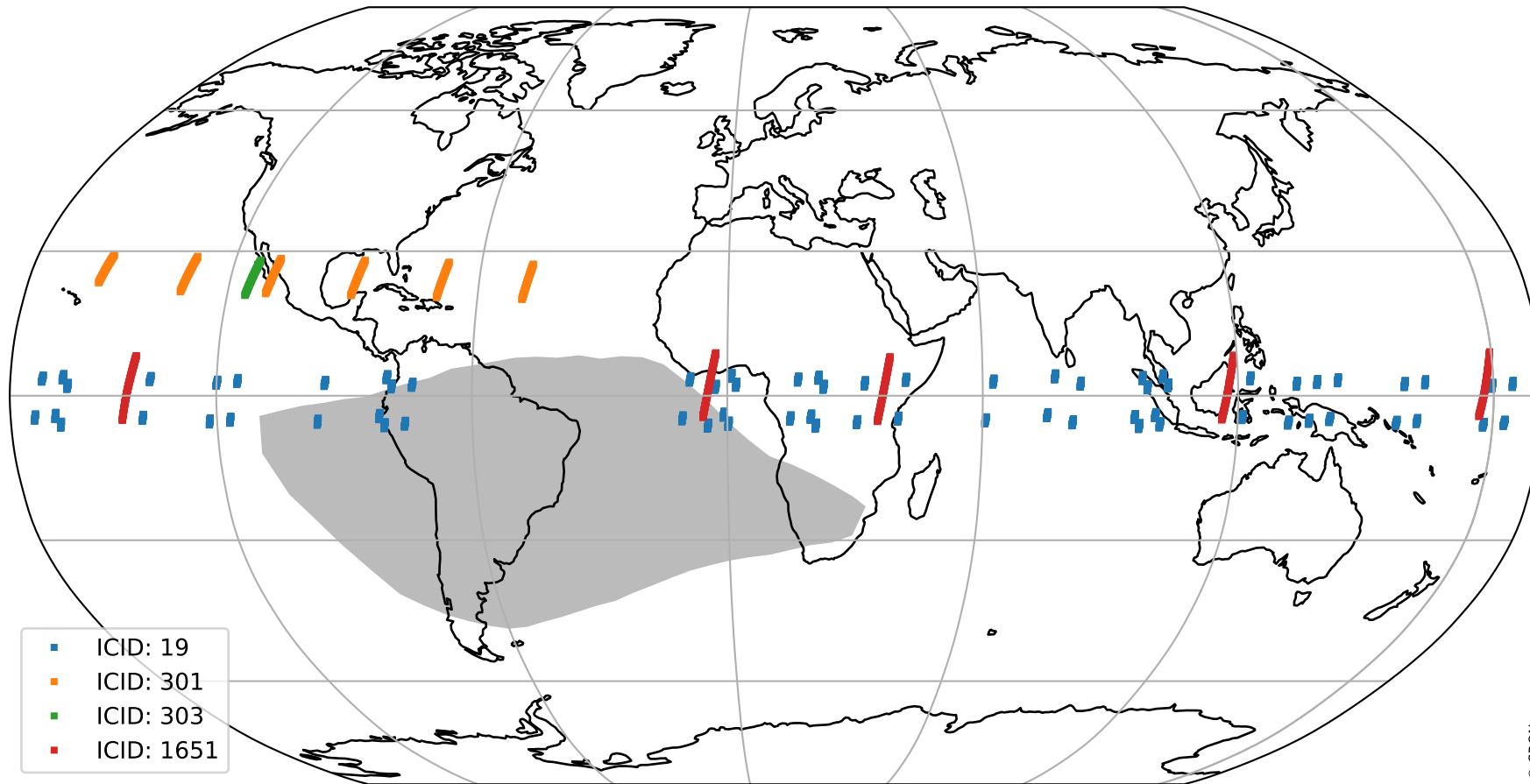
Tropomi SWIR background noise (swir)

orbits : 12 in [25372, 25462]
coverage : 2022-09-06 / 2022-09-11
median : 0.98124
spread : 0.16959
created : 2023-08-21T16:43:05



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

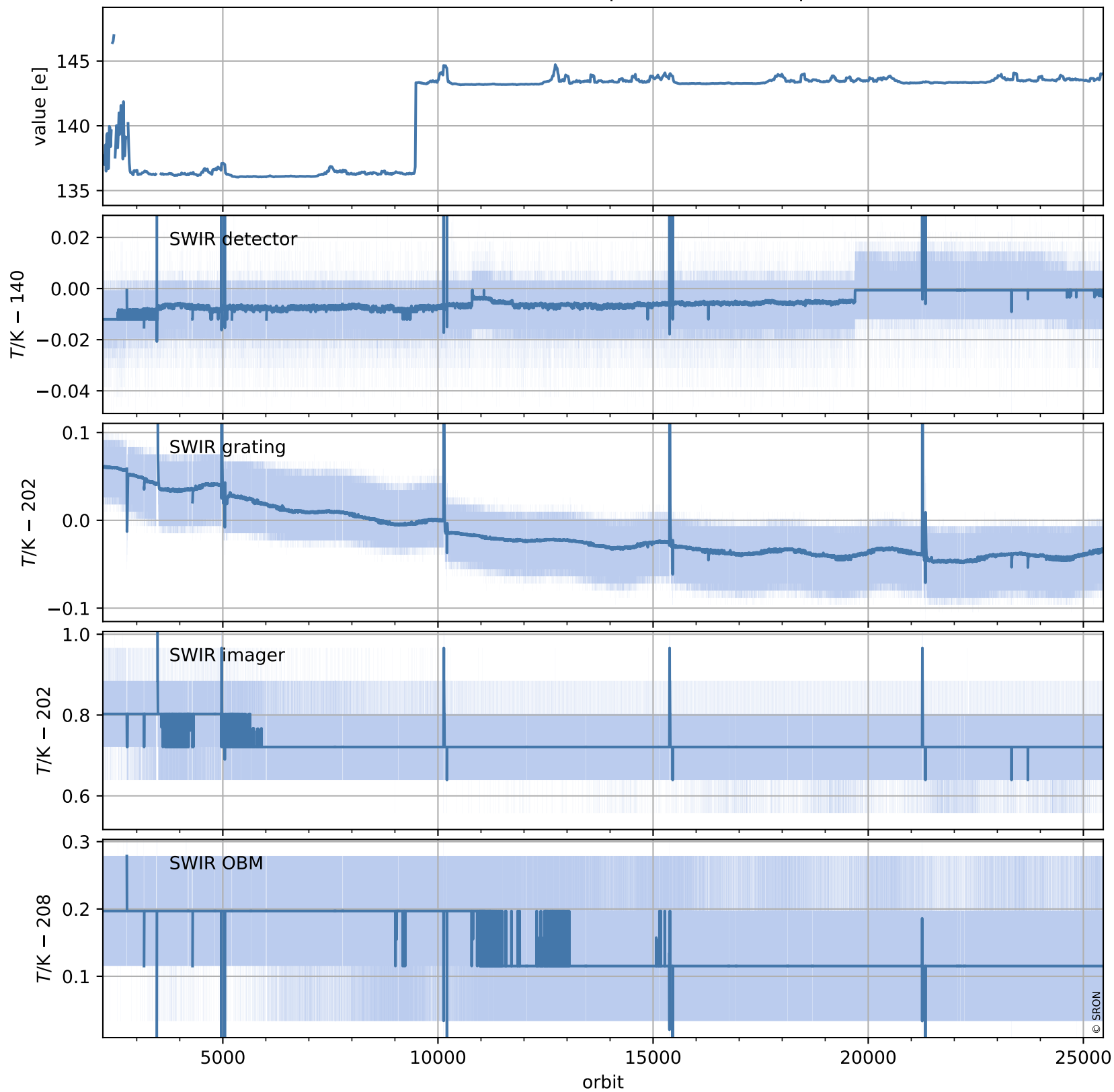
orbits : 12 in [25372, 25462]
coverage : 2022-09-06 / 2022-09-11
created : 2023-08-21T16:43:05



Tropomi SWIR background noise (swir)

orbits : [2212, 25462]
coverage : 2018-03-18 / 2022-09-11
created : 2023-08-21T16:43:05

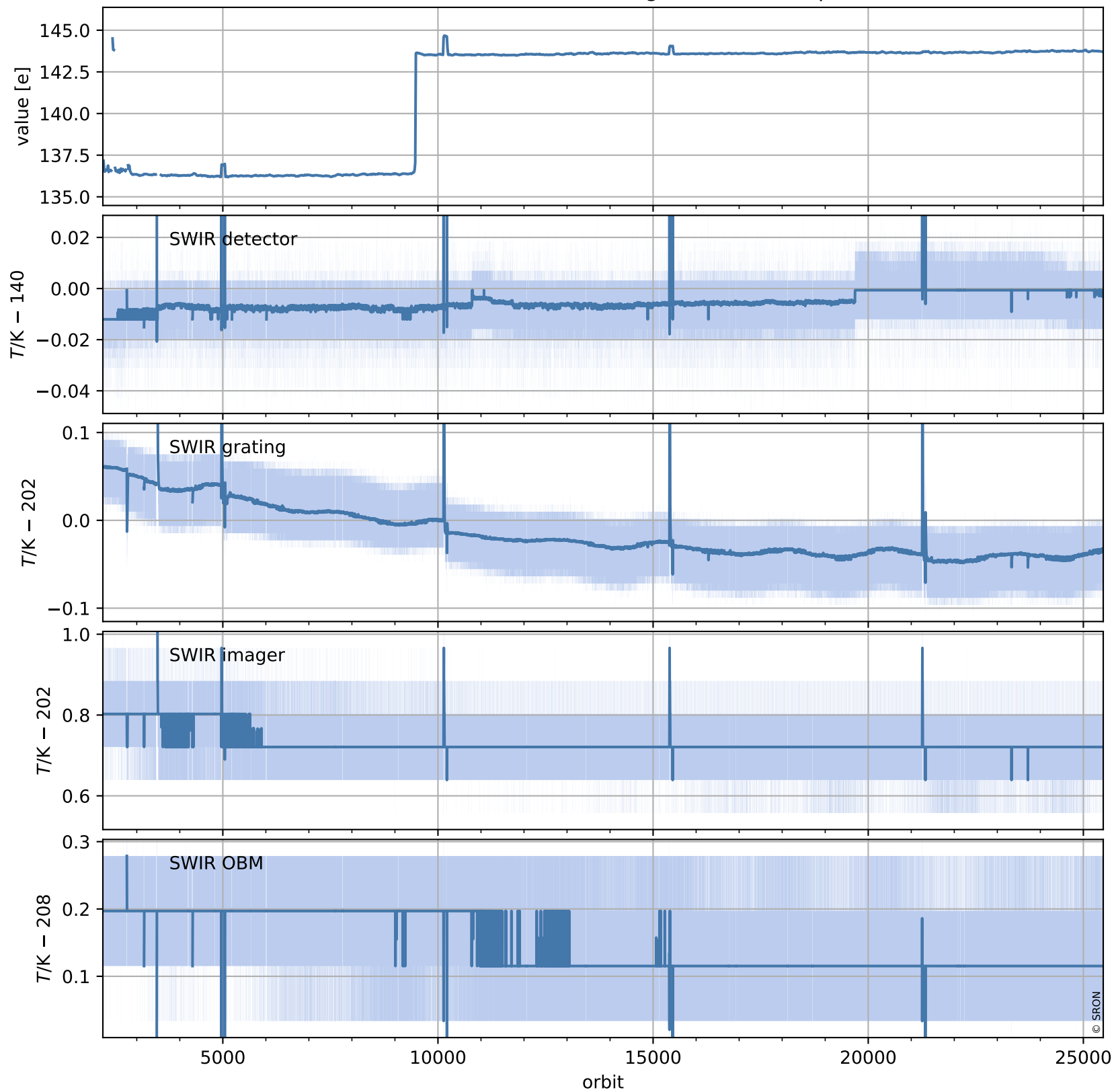
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25462]
coverage : 2018-03-18 / 2022-09-11
created : 2023-08-21T16:43:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25462]
coverage : 2018-03-18 / 2022-09-11
created : 2023-08-21T16:43:07

trend of normalized read-noise & temperatures

