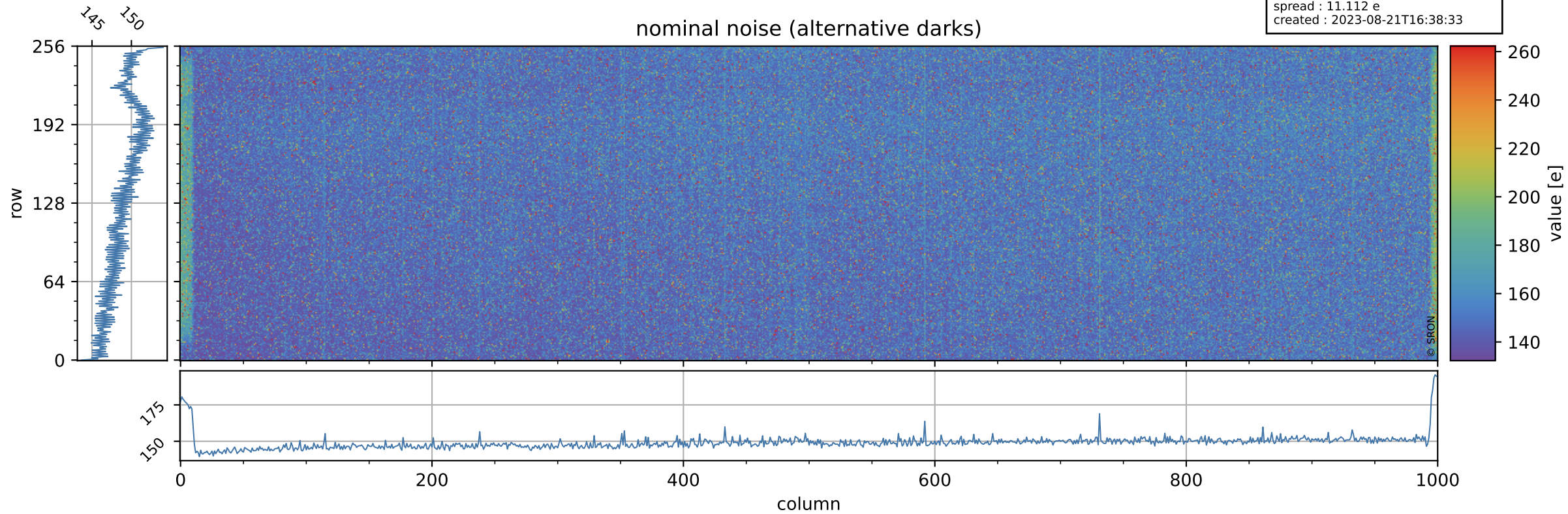


Tropomi SWIR background noise (swir)

orbits : 12 in [24622, 24712]
coverage : 2022-07-15 / 2022-07-20
n_coad, t_exp : 1, 1.0783
median : 148.86 e
spread : 11.112 e
created : 2023-08-21T16:38:33

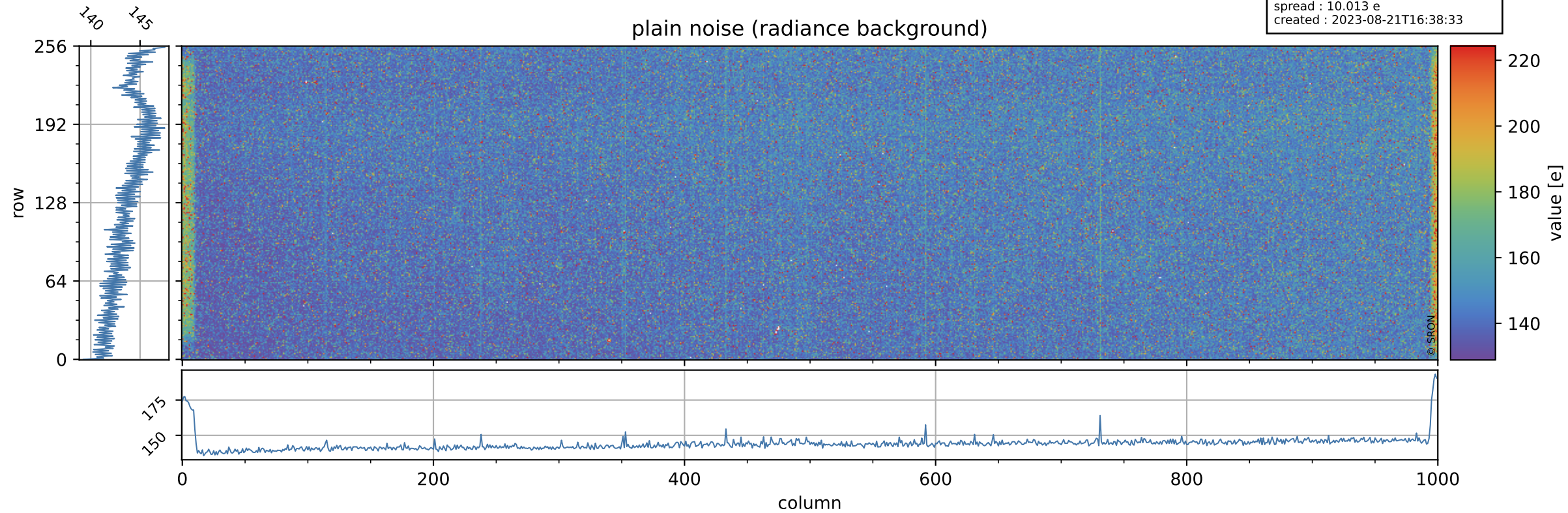
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24622, 24712]
coverage : 2022-07-15 / 2022-07-20
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 10.013 e
created : 2023-08-21T16:38:33

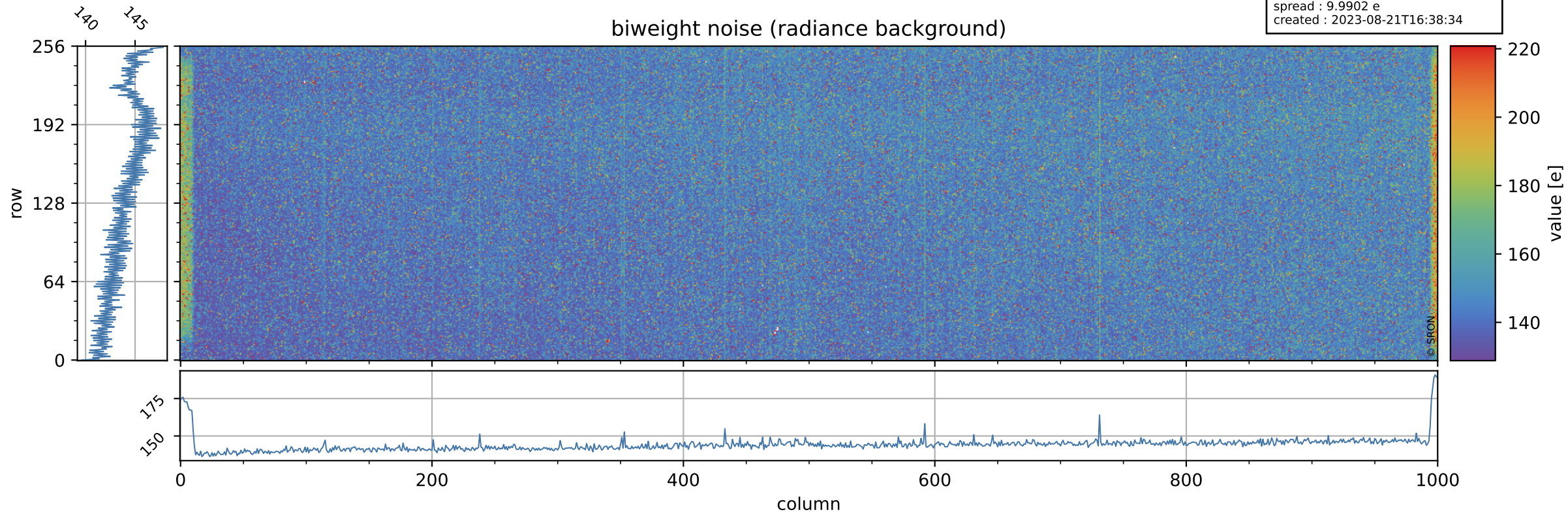
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24622, 24712]
coverage : 2022-07-15 / 2022-07-20
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.9902 e
created : 2023-08-21T16:38:34

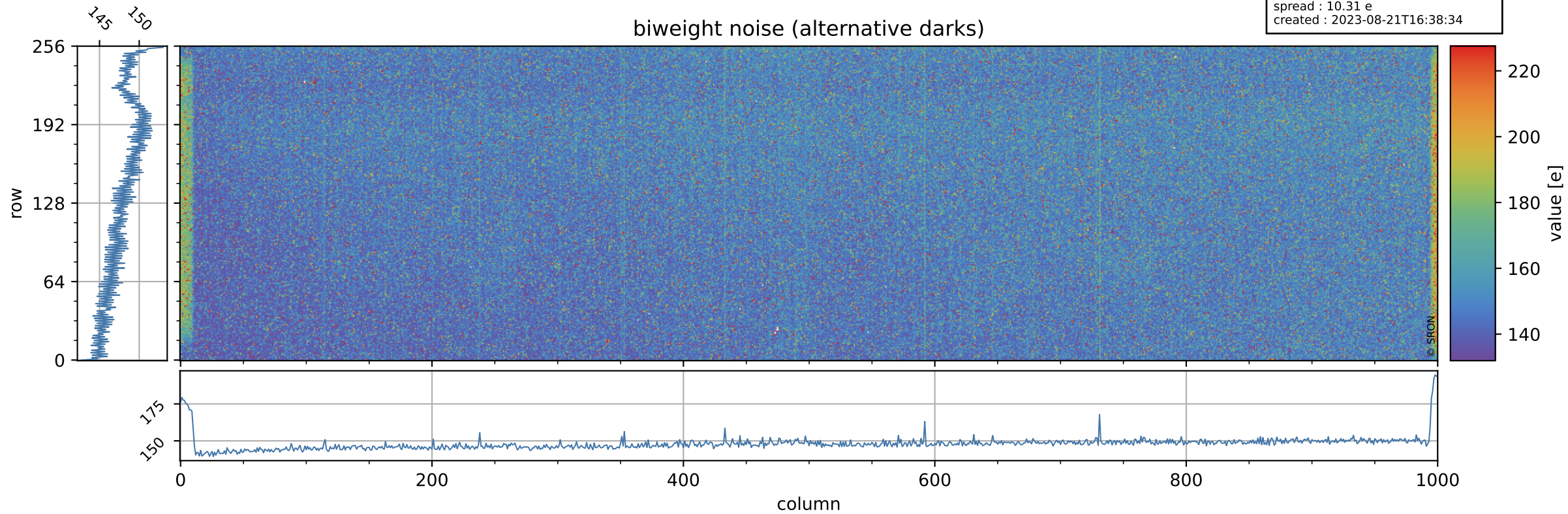
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24622, 24712]
coverage : 2022-07-15 / 2022-07-20
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.31 e
created : 2023-08-21T16:38:34

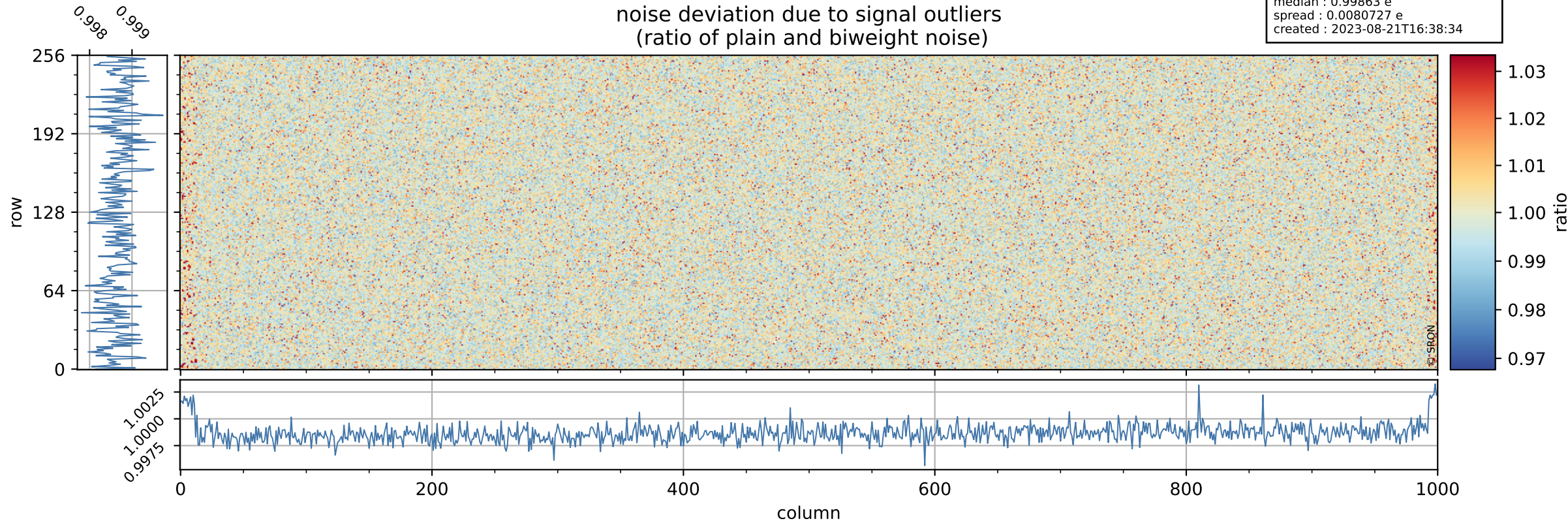
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

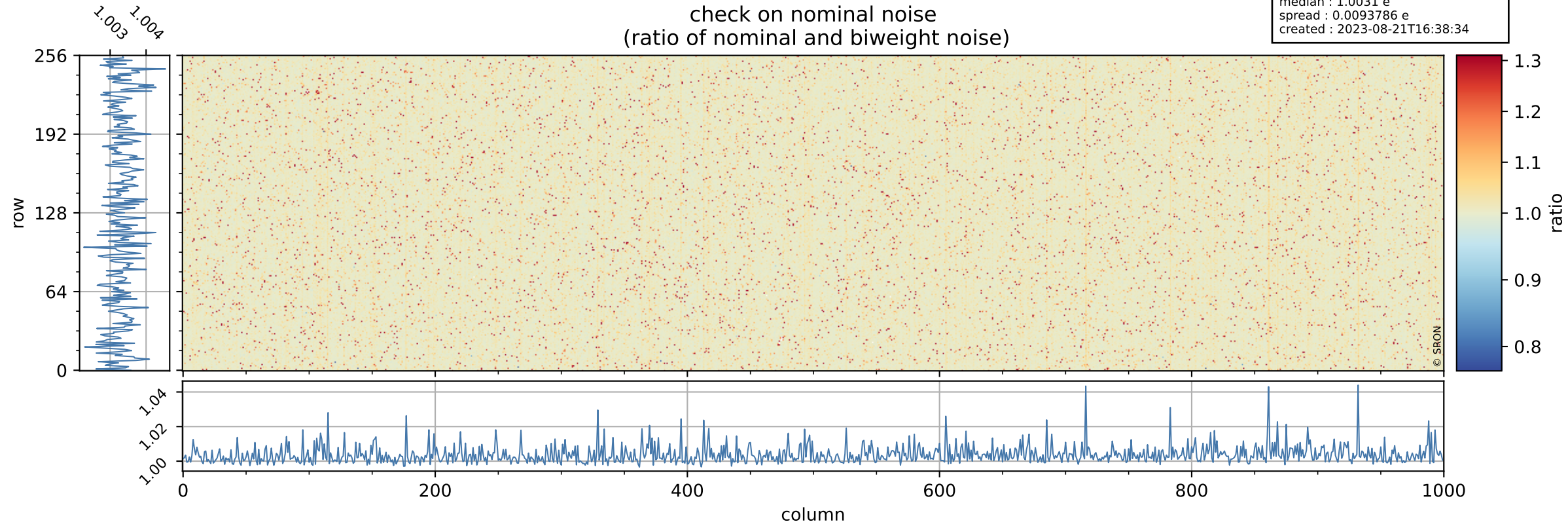
orbits : 12 in [24622, 24712]
coverage : 2022-07-15 / 2022-07-20
median : 0.99863 e
spread : 0.0080727 e
created : 2023-08-21T16:38:34



Tropomi SWIR background noise (swir)

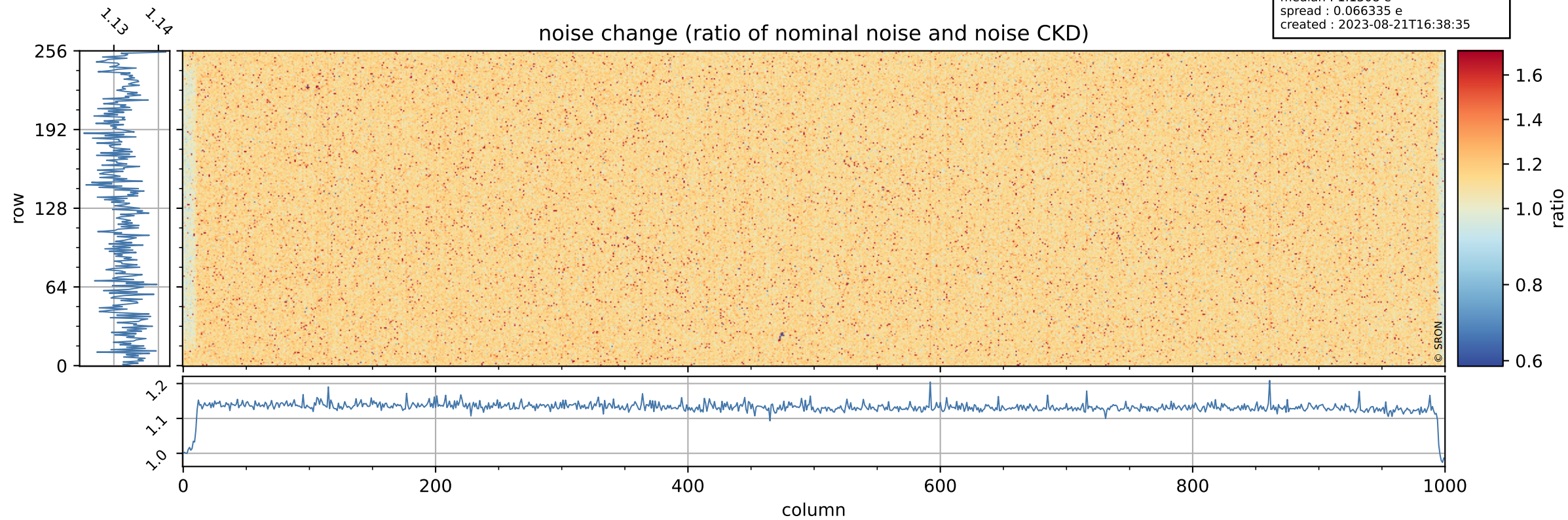
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24622, 24712]
coverage : 2022-07-15 / 2022-07-20
median : 1.0031 e
spread : 0.0093786 e
created : 2023-08-21T16:38:34



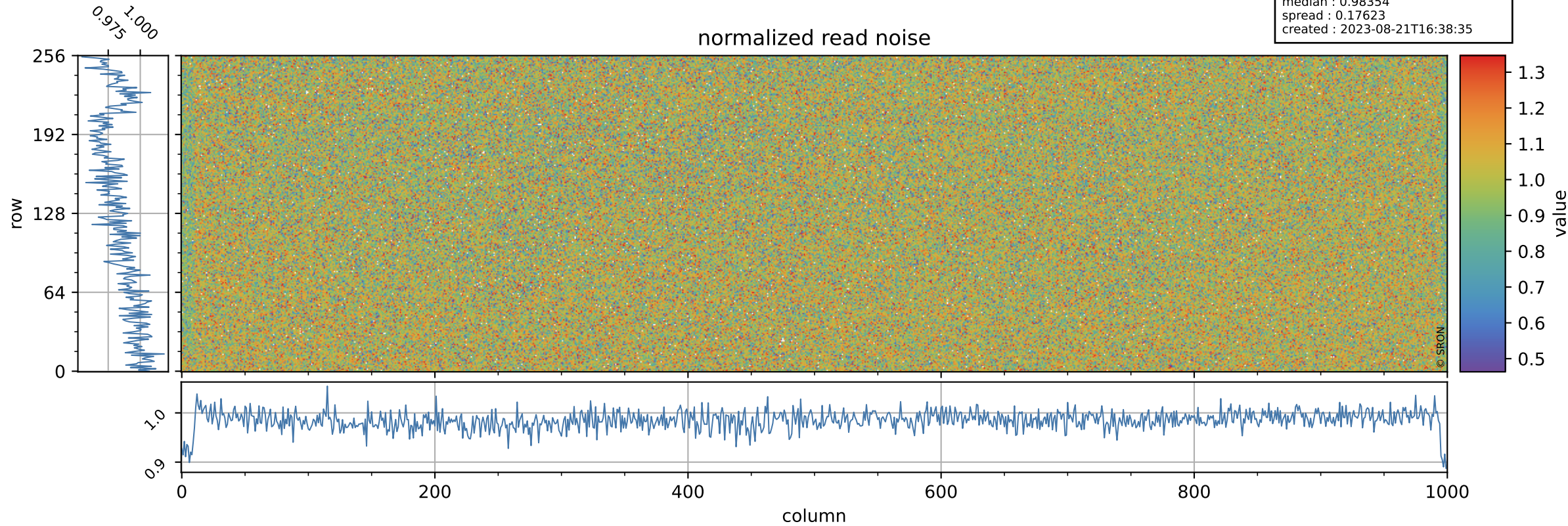
Tropomi SWIR background noise (swir)

orbits : 12 in [24622, 24712]
coverage : 2022-07-15 / 2022-07-20
median : 1.1308 e
spread : 0.066335 e
created : 2023-08-21T16:38:35



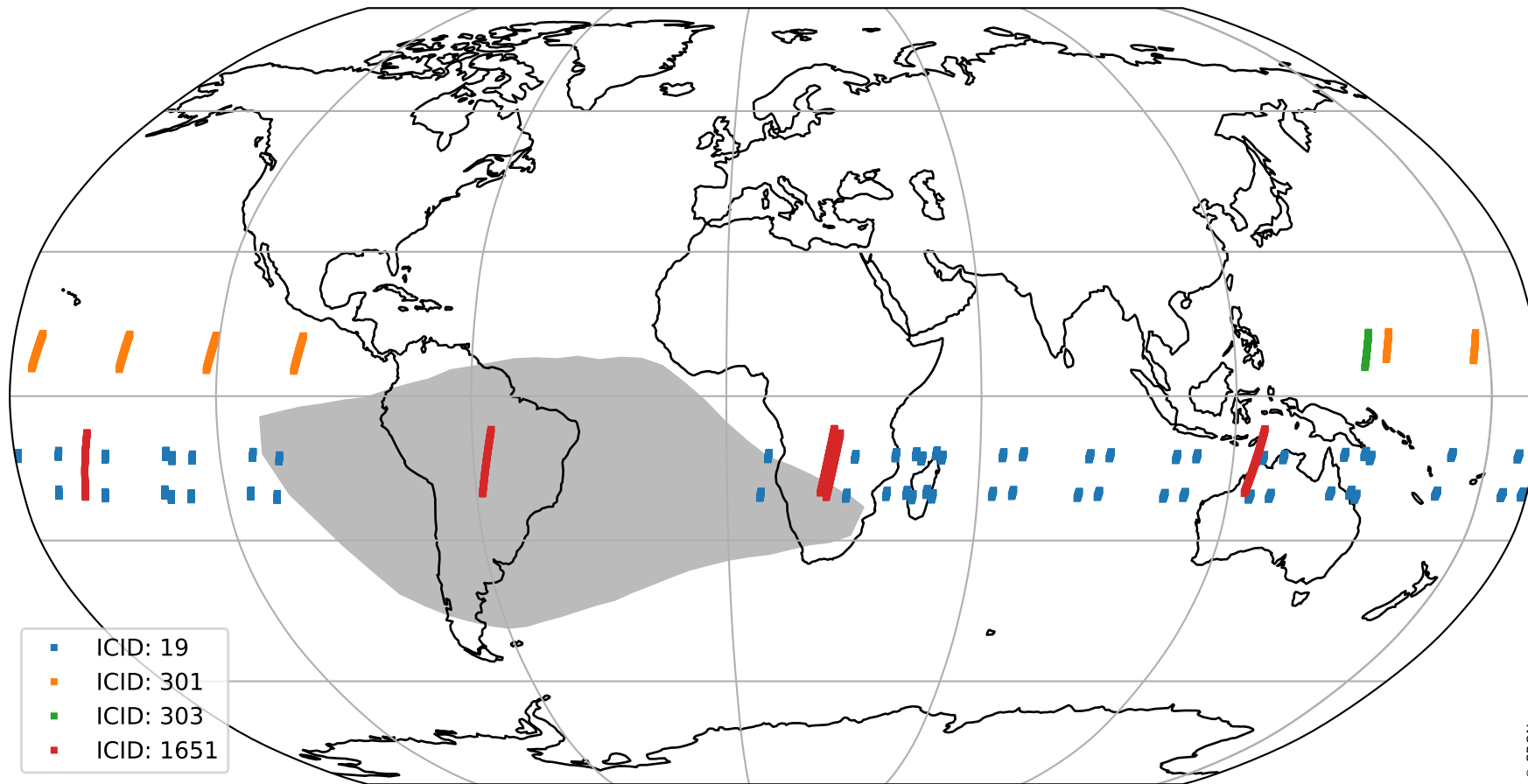
Tropomi SWIR background noise (swir)

orbits : 12 in [24622, 24712]
coverage : 2022-07-15 / 2022-07-20
median : 0.98354
spread : 0.17623
created : 2023-08-21T16:38:35



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

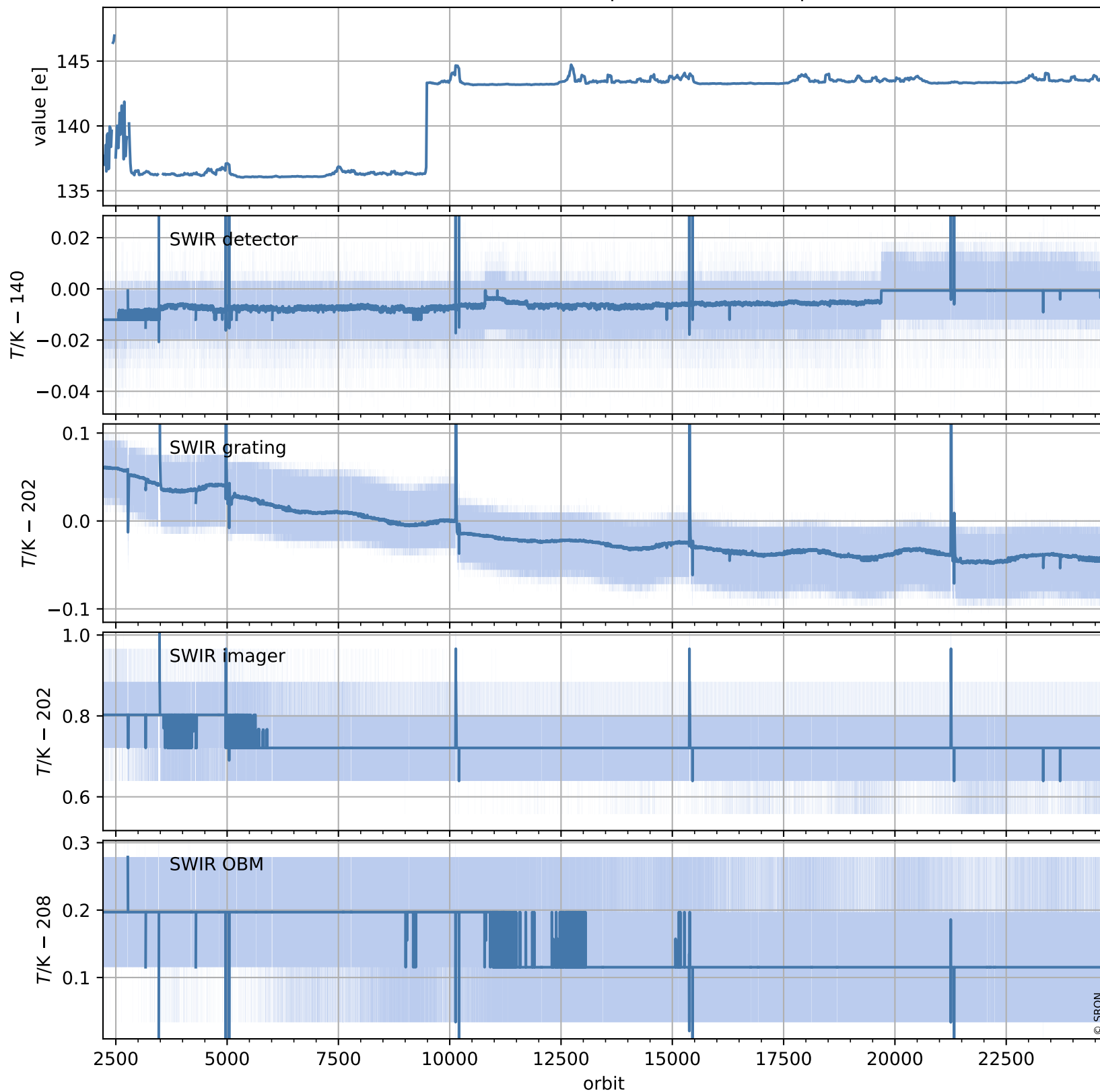
orbits : 12 in [24622, 24712]
coverage : 2022-07-15 / 2022-07-20
created : 2023-08-21T16:38:35



Tropomi SWIR background noise (swir)

orbits : [2212, 24712]
coverage : 2018-03-18 / 2022-07-20
created : 2023-08-21T16:38:36

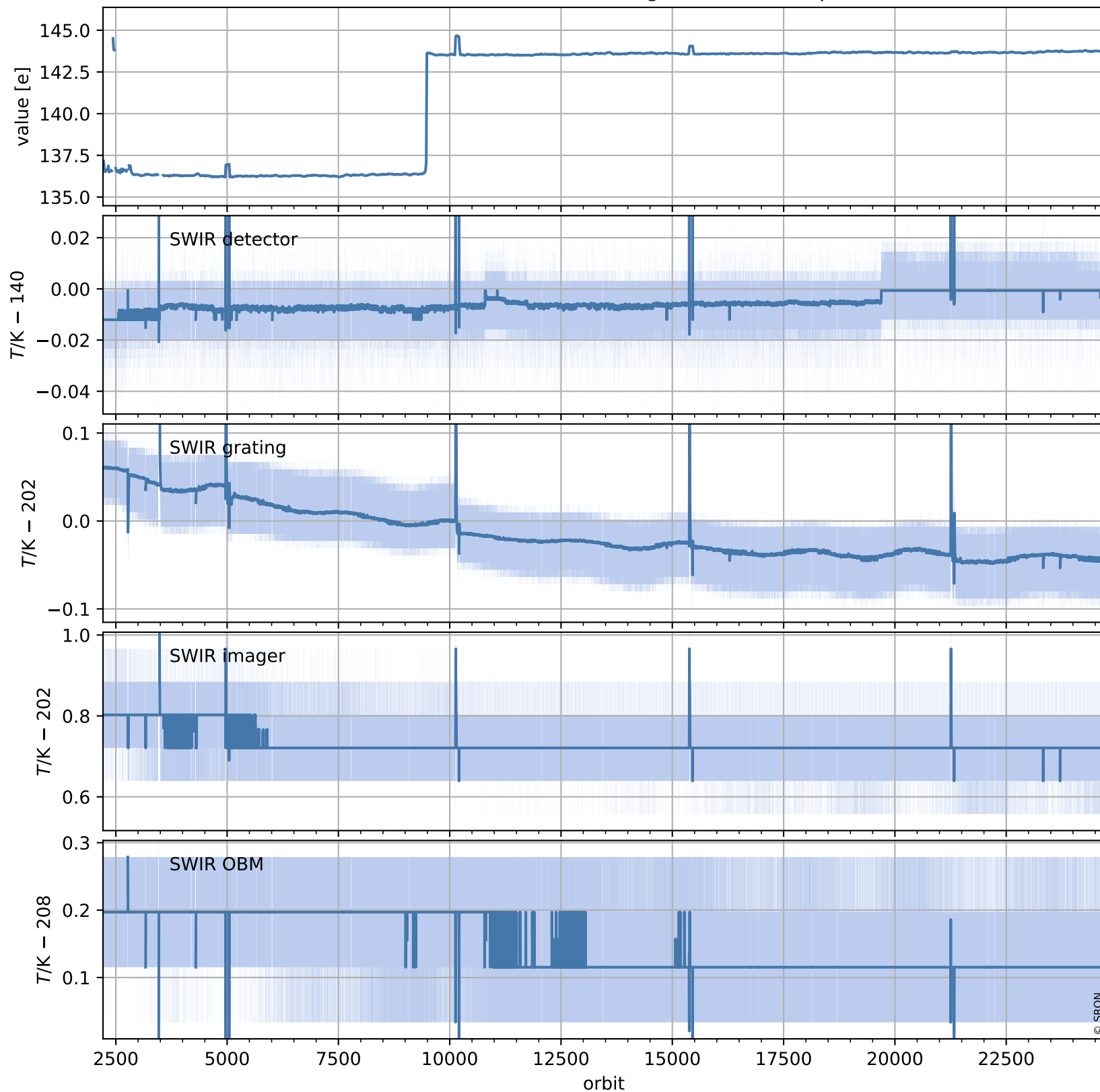
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24712]
coverage : 2018-03-18 / 2022-07-20
created : 2023-08-21T16:38:37

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24712]
coverage : 2018-03-18 / 2022-07-20
created : 2023-08-21T16:38:38

trend of normalized read-noise & temperatures

