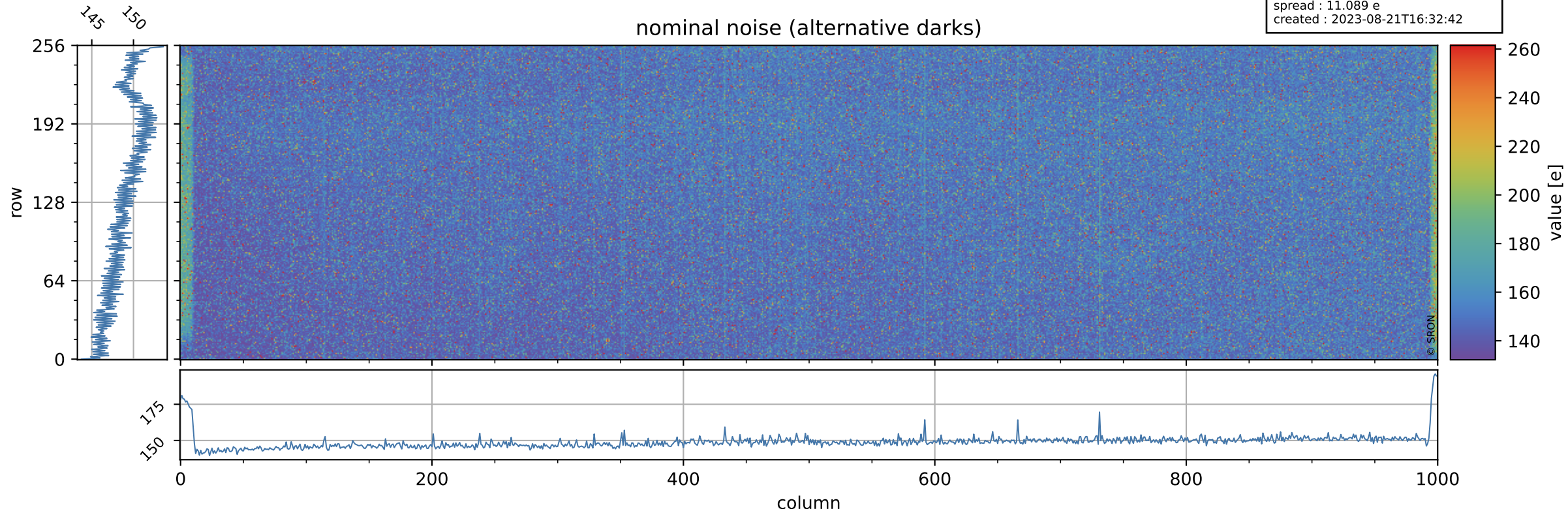


Tropomi SWIR background noise (swir)

orbits : 12 in [23722, 23812]
coverage : 2022-05-12 / 2022-05-18
n_coad, t_exp : 1, 1.0783
median : 148.84 e
spread : 11.089 e
created : 2023-08-21T16:32:42

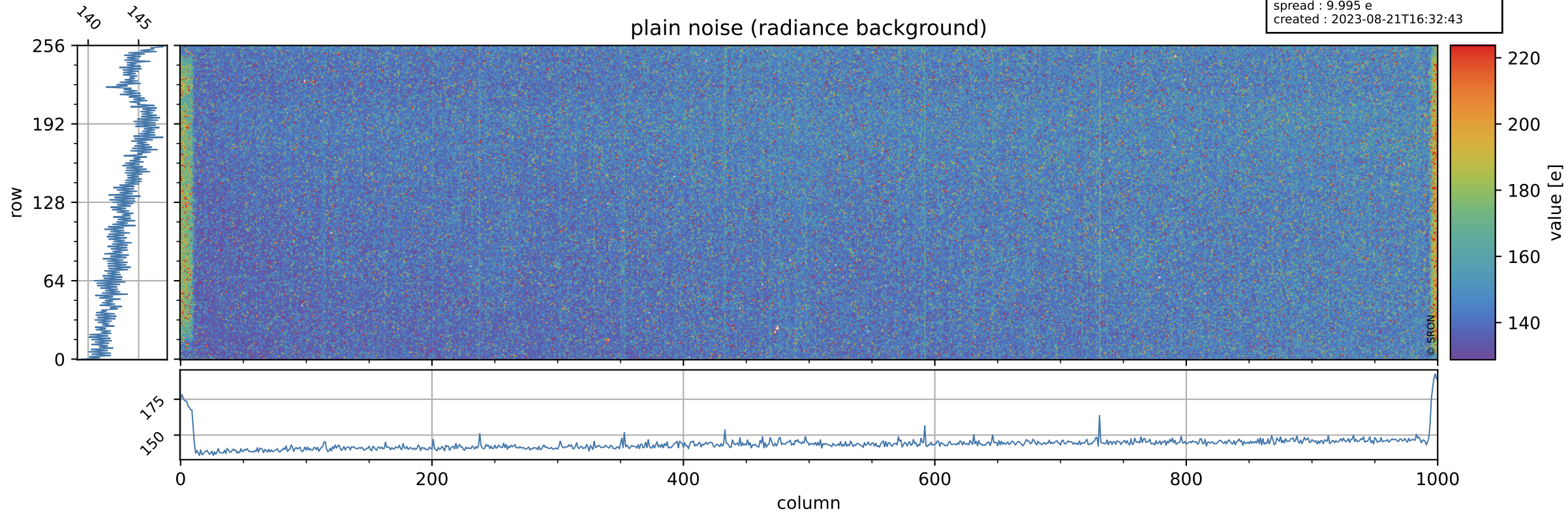
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23722, 23812]
coverage : 2022-05-12 / 2022-05-18
n_coad, t_exp : 1, 0.8383
median : 143.62 e
spread : 9.995 e
created : 2023-08-21T16:32:43

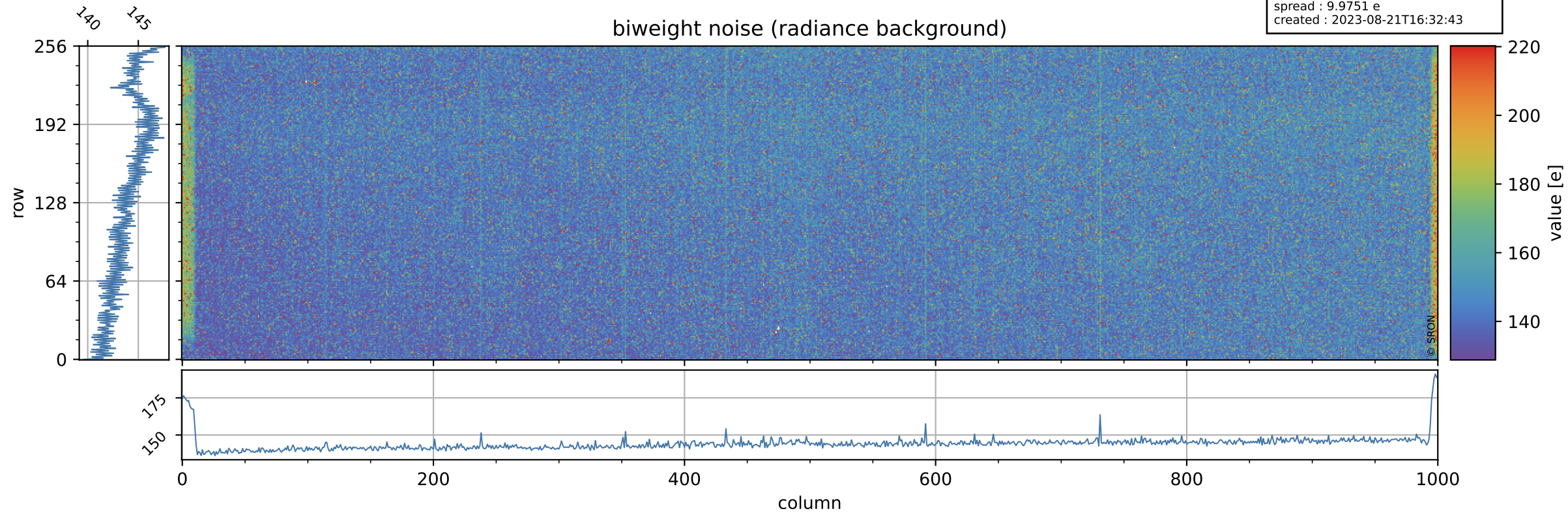
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23722, 23812]
coverage : 2022-05-12 / 2022-05-18
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.9751 e
created : 2023-08-21T16:32:43

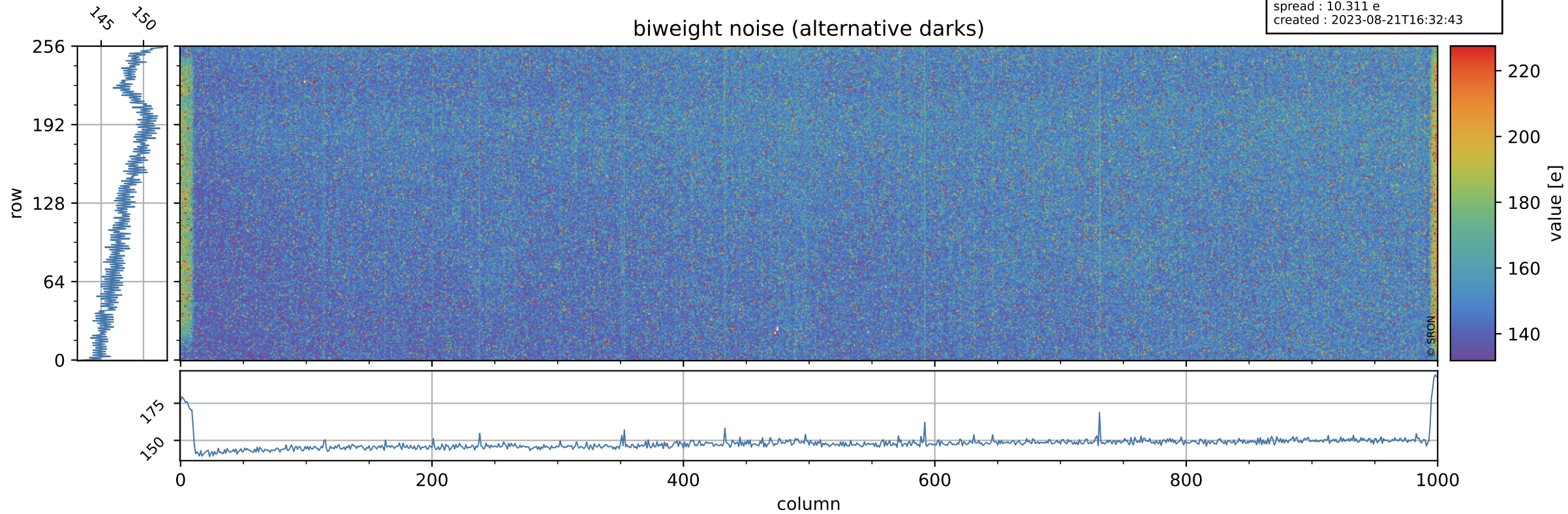
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23722, 23812]
coverage : 2022-05-12 / 2022-05-18
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.311 e
created : 2023-08-21T16:32:43

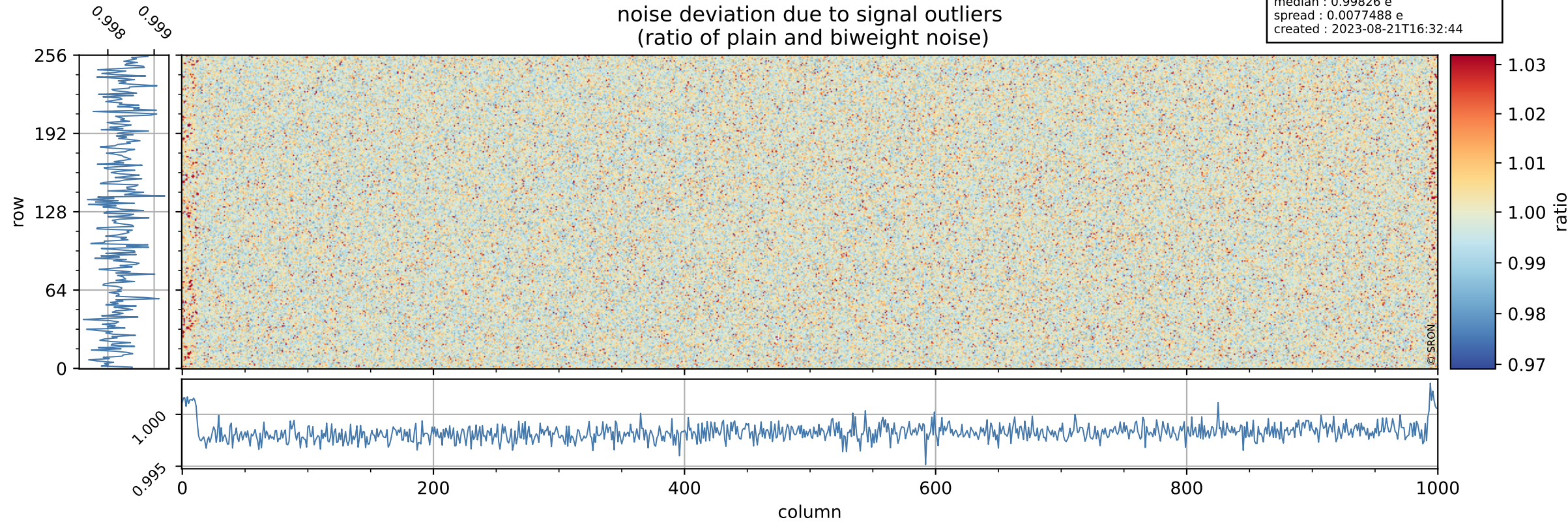
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

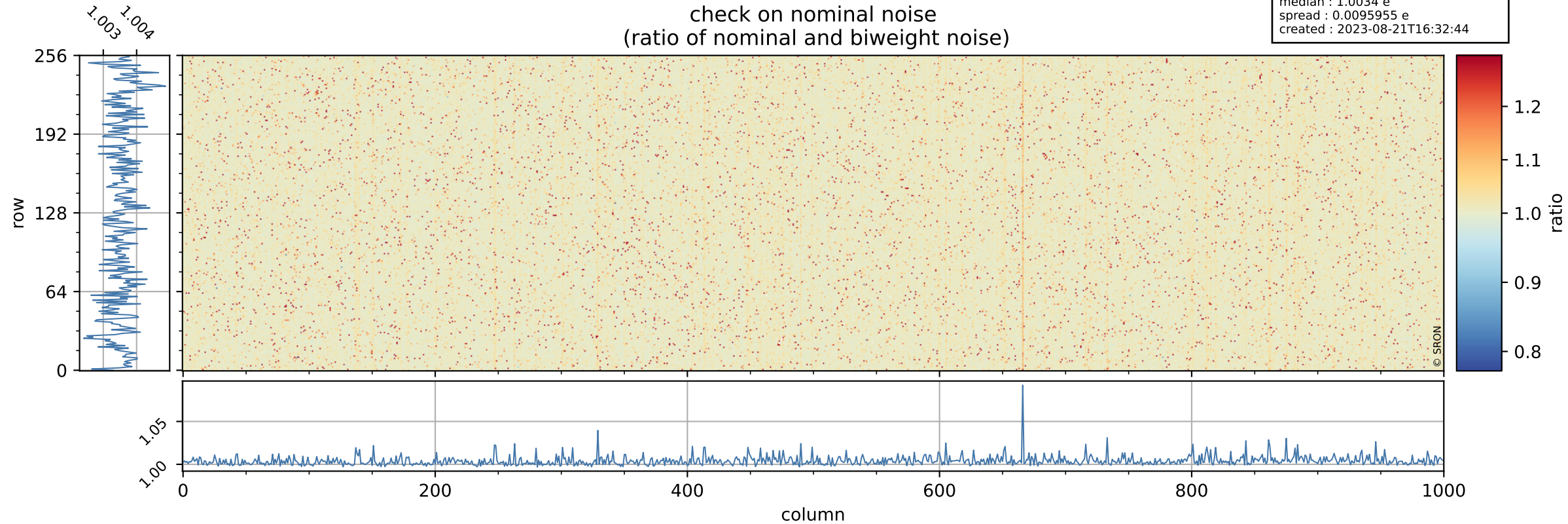
orbits : 12 in [23722, 23812]
coverage : 2022-05-12 / 2022-05-18
median : 0.99826 e
spread : 0.0077488 e
created : 2023-08-21T16:32:44



Tropomi SWIR background noise (swir)

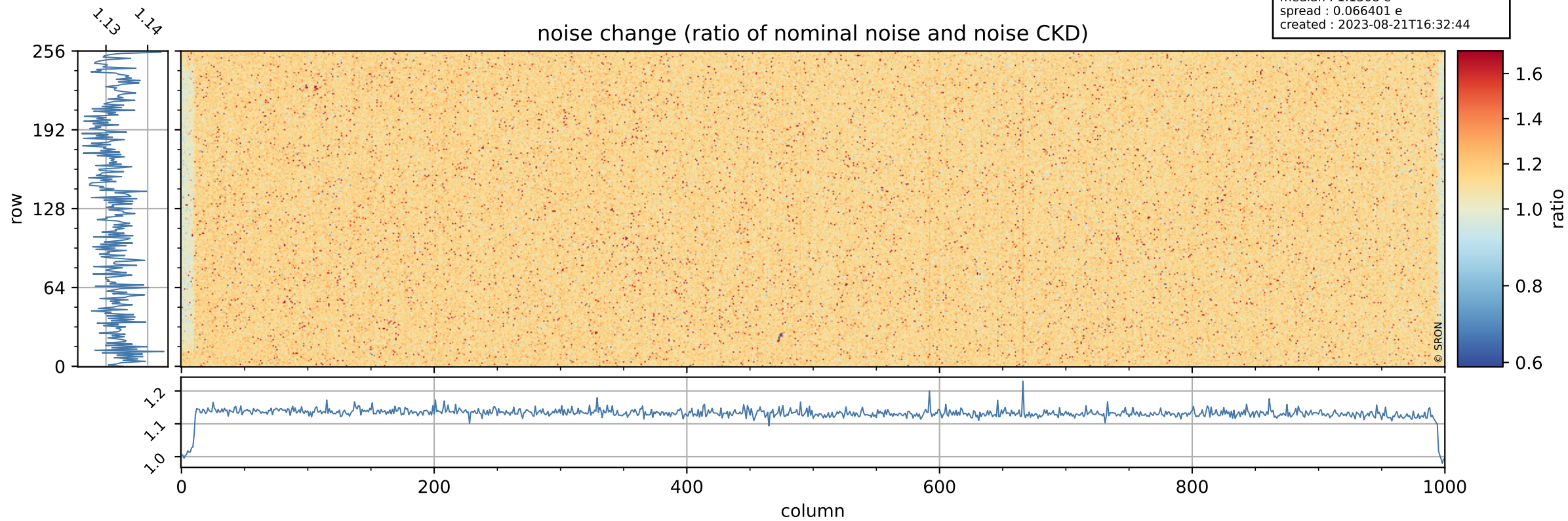
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23722, 23812]
coverage : 2022-05-12 / 2022-05-18
median : 1.0034 e
spread : 0.0095955 e
created : 2023-08-21T16:32:44



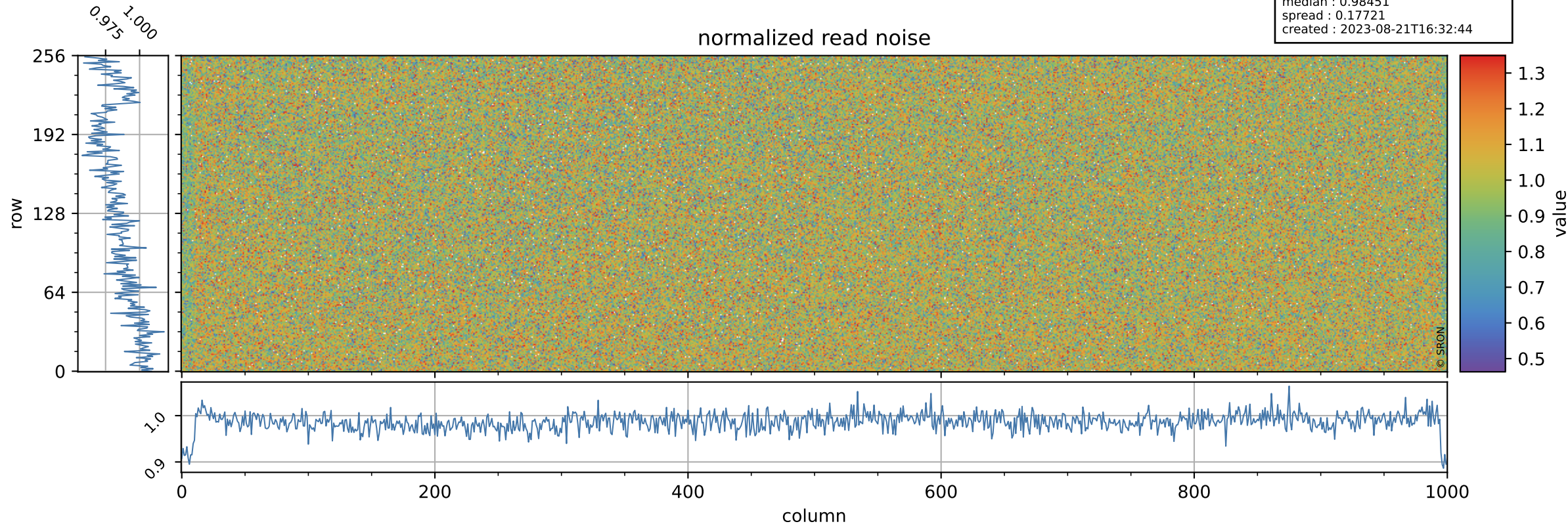
Tropomi SWIR background noise (swir)

orbits : 12 in [23722, 23812]
coverage : 2022-05-12 / 2022-05-18
median : 1.1308 e
spread : 0.066401 e
created : 2023-08-21T16:32:44



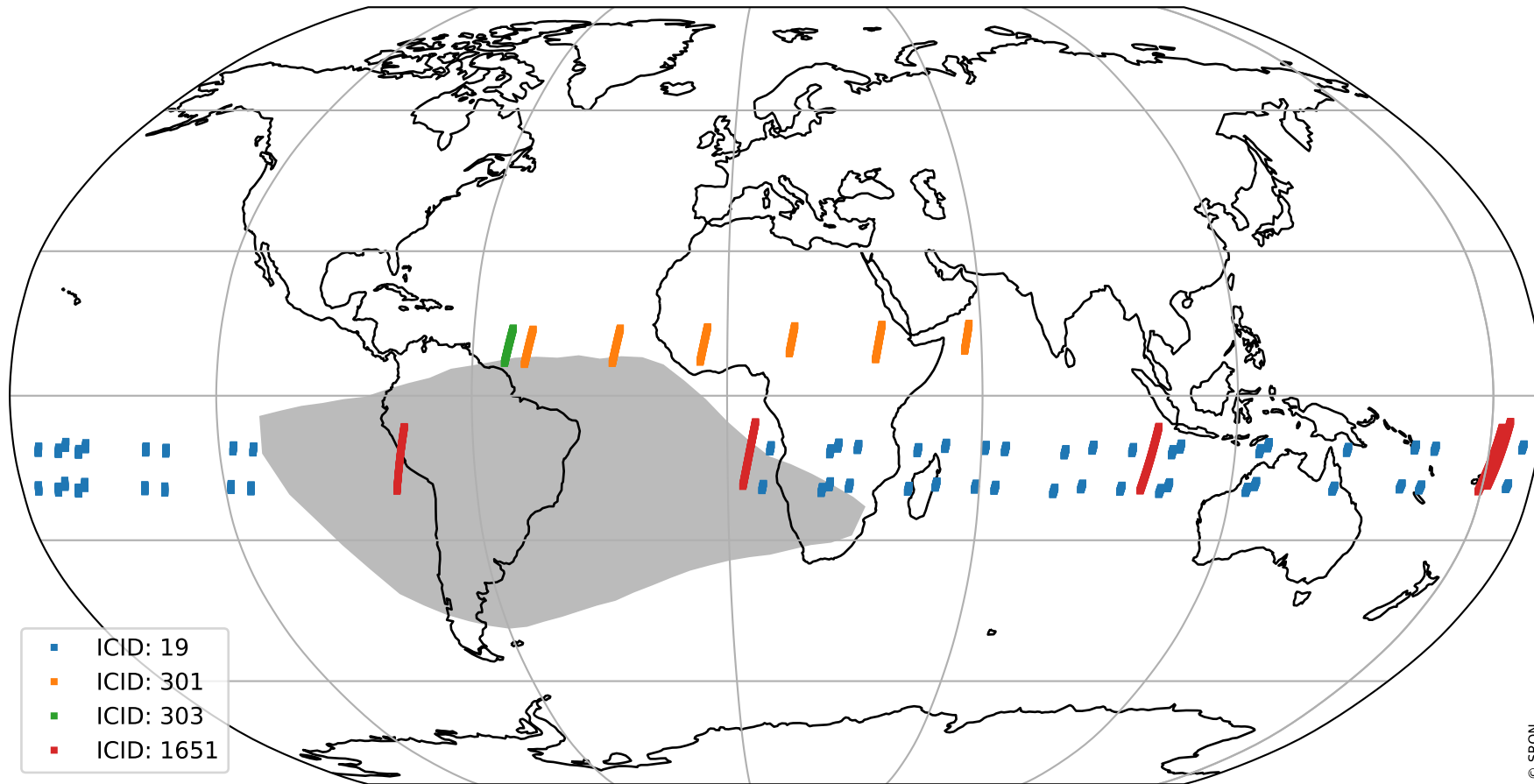
Tropomi SWIR background noise (swir)

orbits : 12 in [23722, 23812]
coverage : 2022-05-12 / 2022-05-18
median : 0.98451
spread : 0.17721
created : 2023-08-21T16:32:44



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

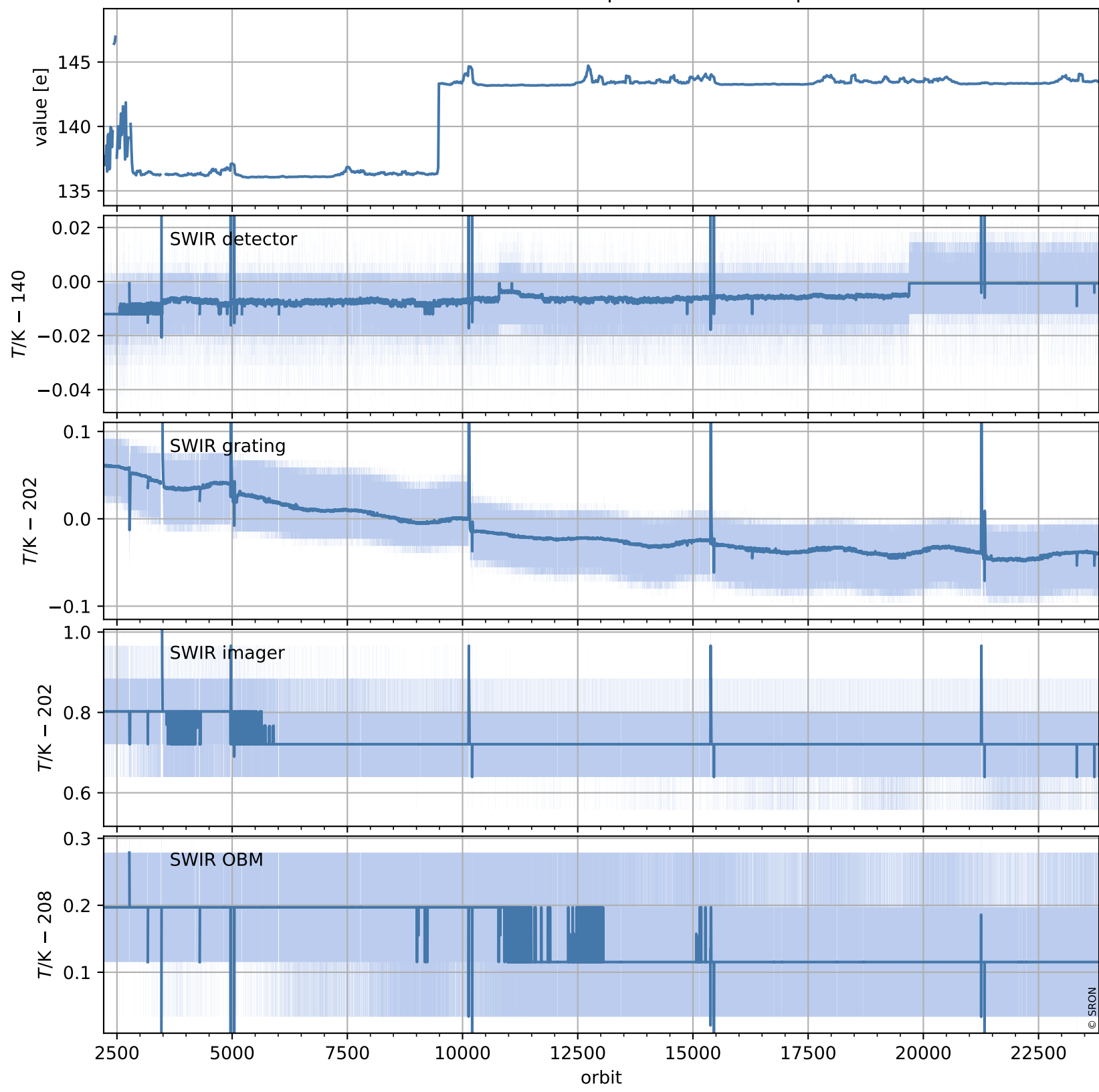
orbits : 12 in [23722, 23812]
coverage : 2022-05-12 / 2022-05-18
created : 2023-08-21T16:32:45



Tropomi SWIR background noise (swir)

orbits : [2212, 23812]
coverage : 2018-03-18 / 2022-05-18
created : 2023-08-21T16:32:45

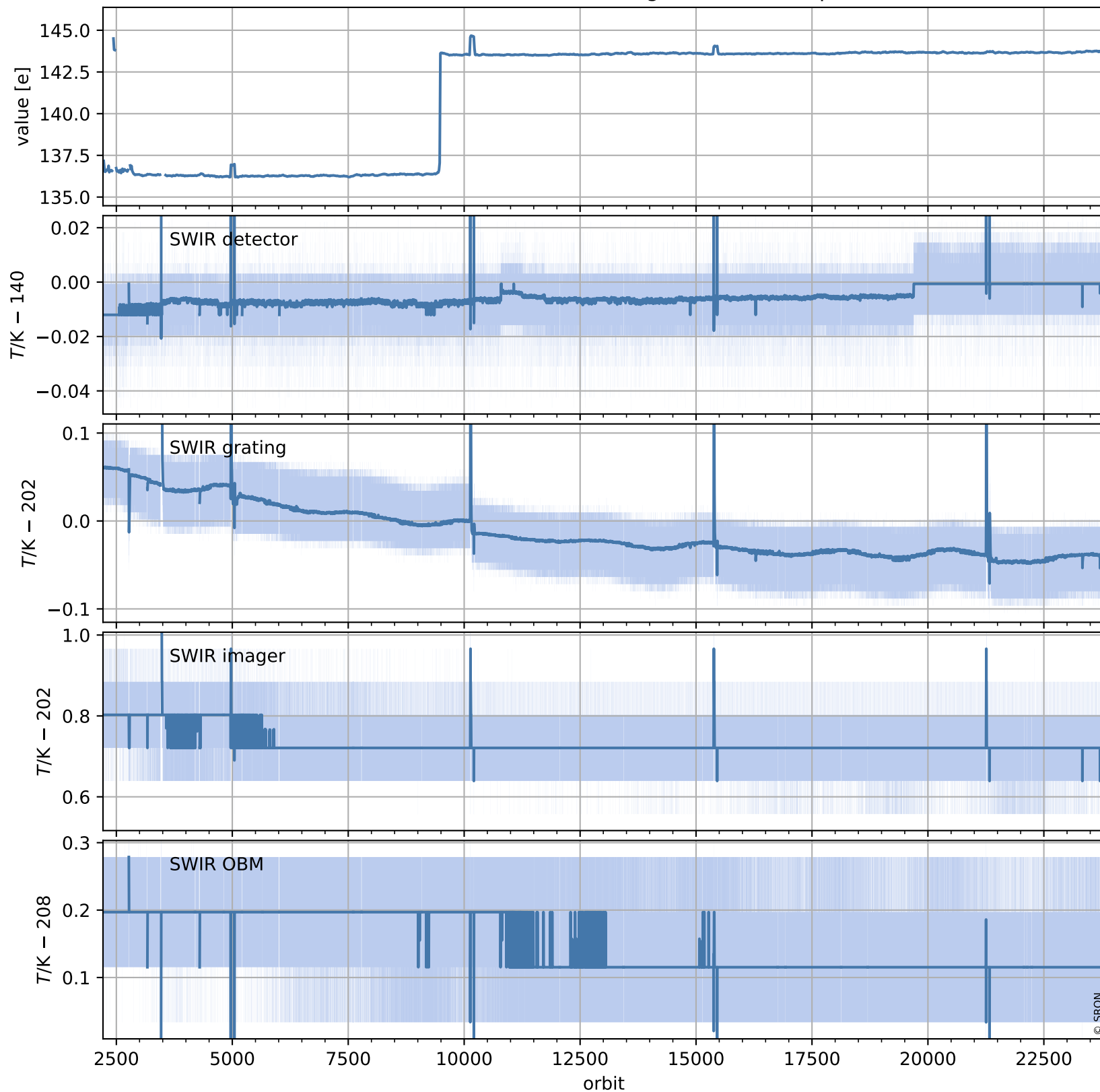
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23812]
coverage : 2018-03-18 / 2022-05-18
created : 2023-08-21T16:32:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23812]
coverage : 2018-03-18 / 2022-05-18
created : 2023-08-21T16:32:47

trend of normalized read-noise & temperatures

