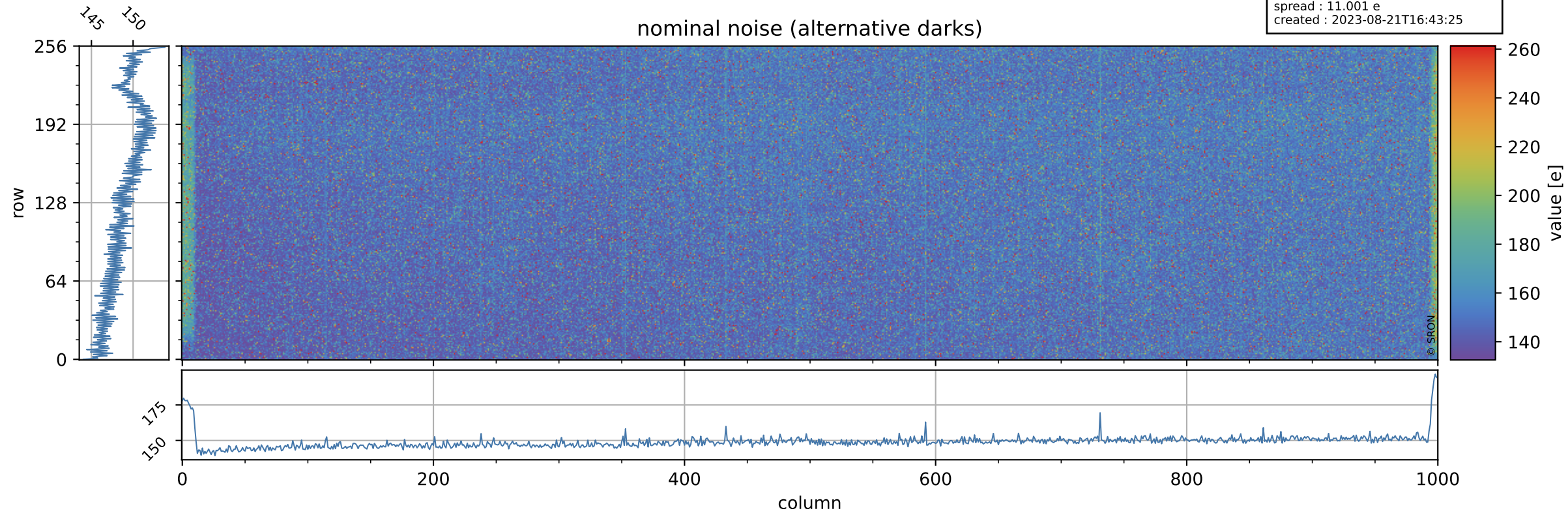


Tropomi SWIR background noise (swir)

orbits : 13 in [25432, 25522]
coverage : 2022-09-10 / 2022-09-16
n_coad, t_exp : 1, 1.0783
median : 148.84 e
spread : 11.001 e
created : 2023-08-21T16:43:25

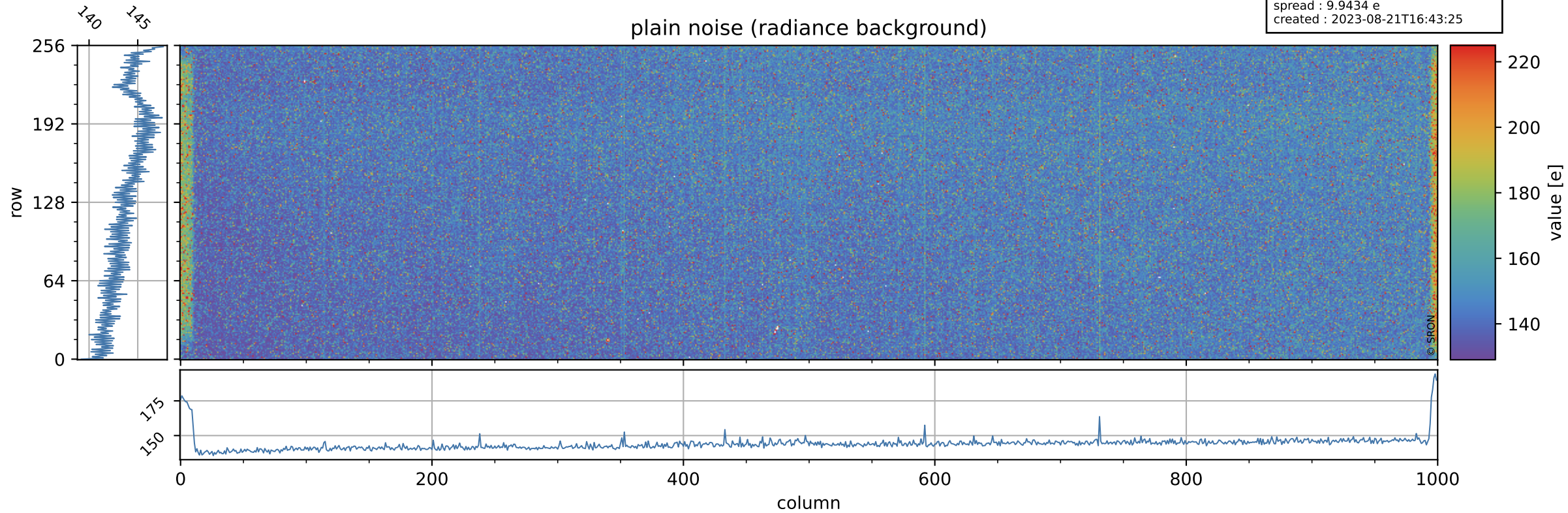
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [25432, 25522]
coverage : 2022-09-10 / 2022-09-16
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.9434 e
created : 2023-08-21T16:43:25

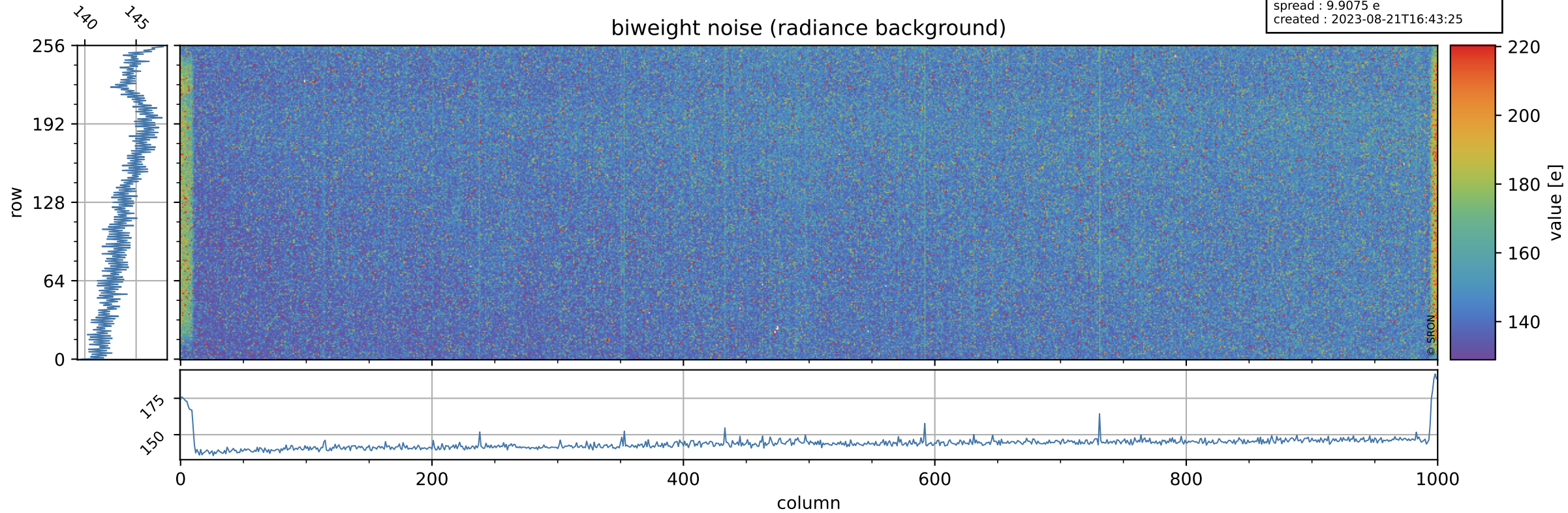
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25432, 25522]
coverage : 2022-09-10 / 2022-09-16
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.9075 e
created : 2023-08-21T16:43:25

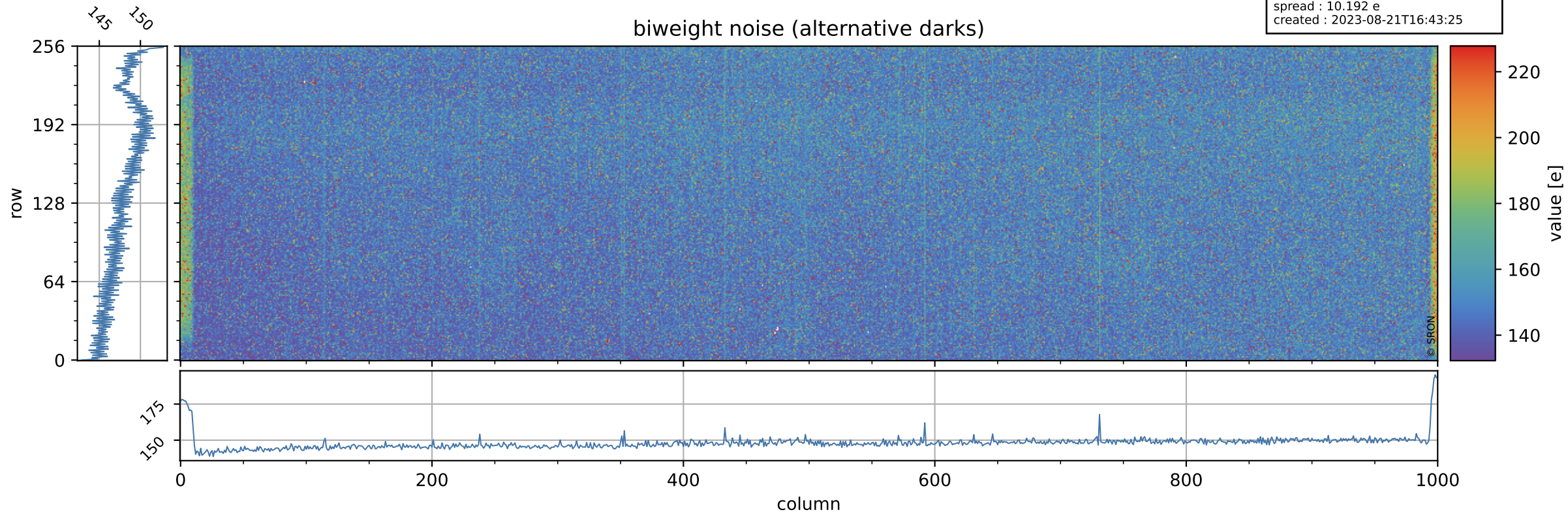
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25432, 25522]
coverage : 2022-09-10 / 2022-09-16
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.192 e
created : 2023-08-21T16:43:25

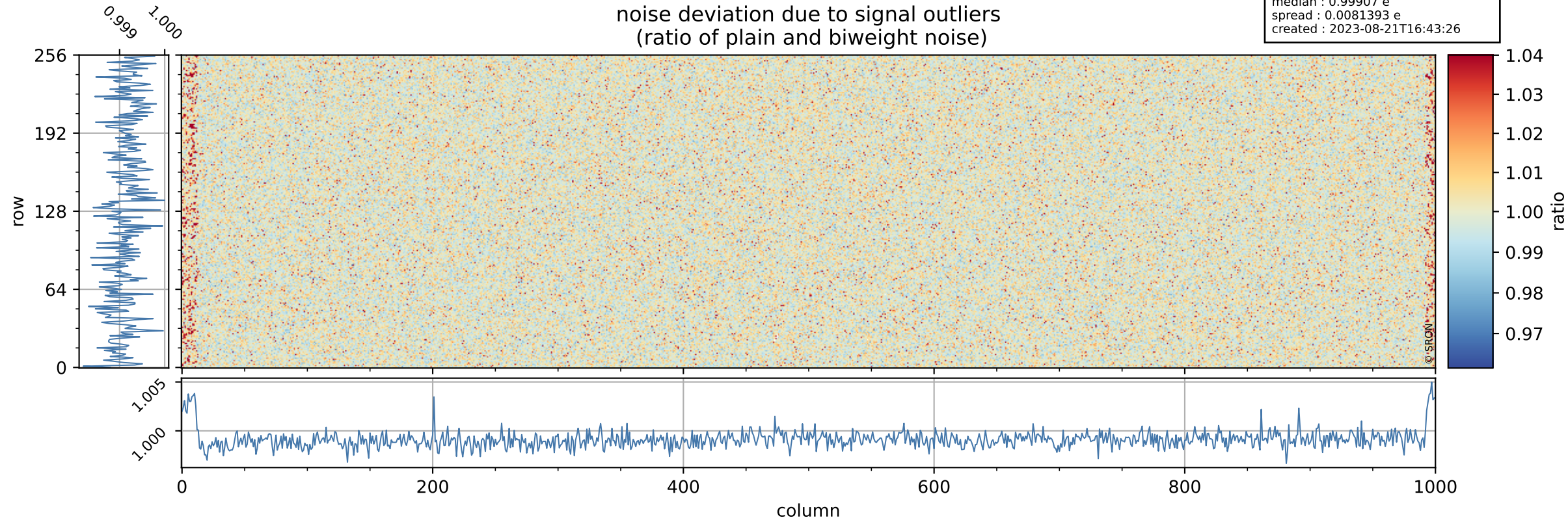
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

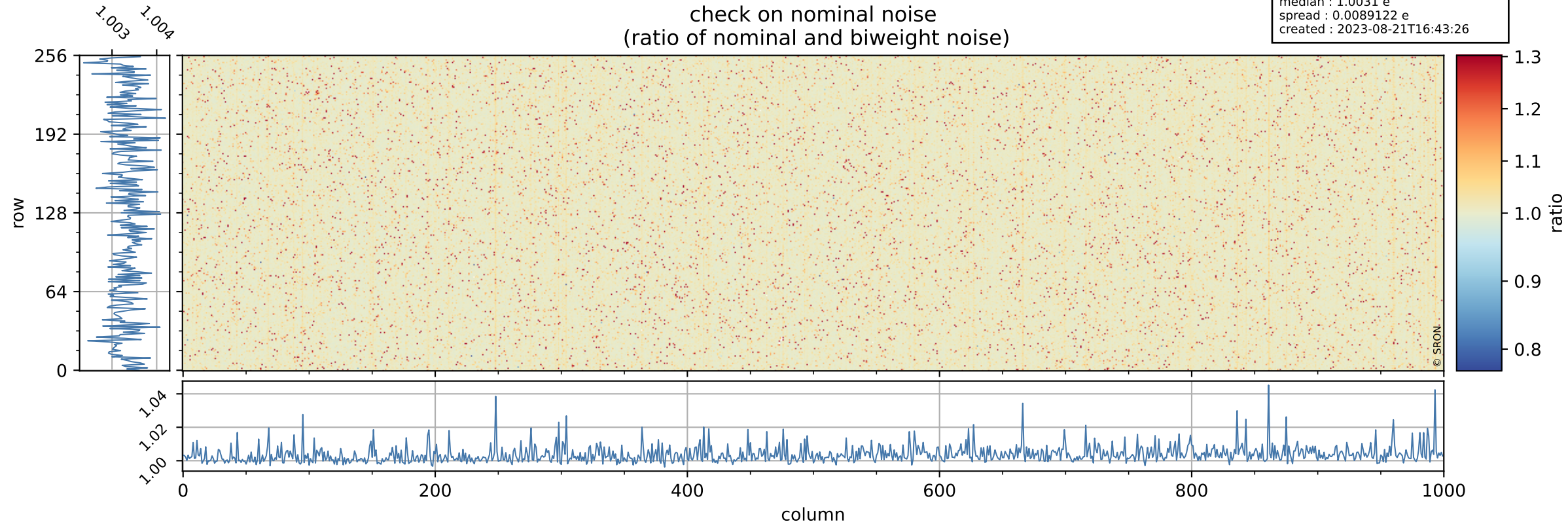
orbits : 13 in [25432, 25522]
coverage : 2022-09-10 / 2022-09-16
median : 0.99907 e
spread : 0.0081393 e
created : 2023-08-21T16:43:26



Tropomi SWIR background noise (swir)

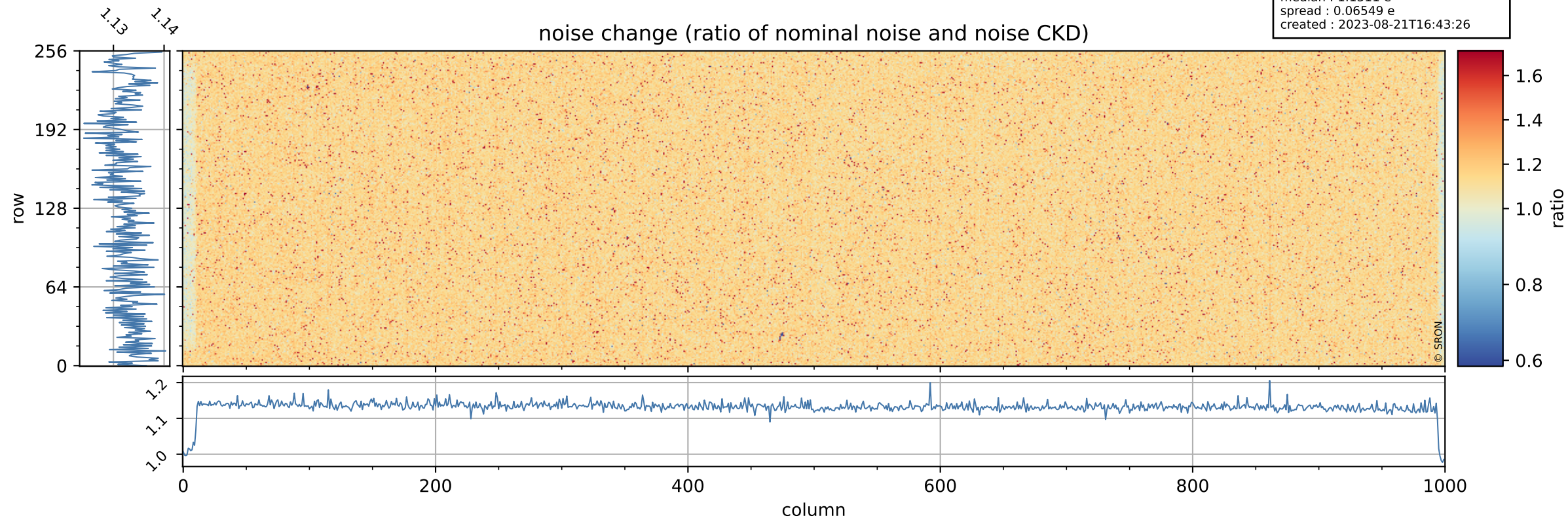
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [25432, 25522]
coverage : 2022-09-10 / 2022-09-16
median : 1.0031 e
spread : 0.0089122 e
created : 2023-08-21T16:43:26



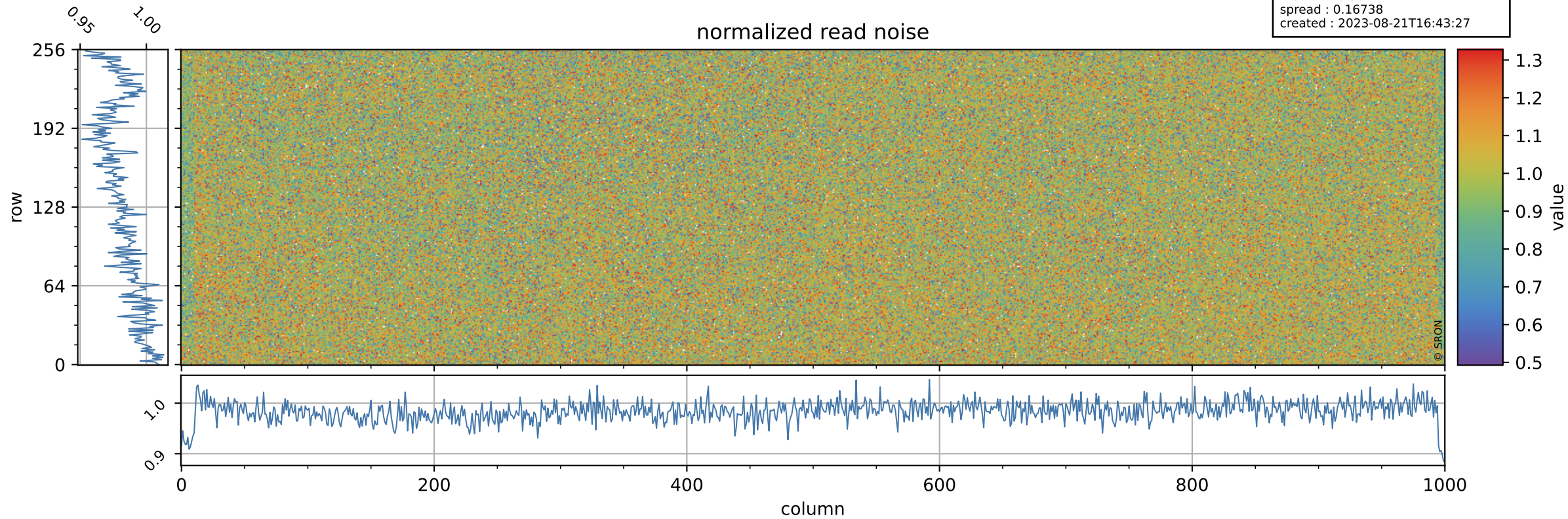
Tropomi SWIR background noise (swir)

orbits : 13 in [25432, 25522]
coverage : 2022-09-10 / 2022-09-16
median : 1.1311 e
spread : 0.06549 e
created : 2023-08-21T16:43:26



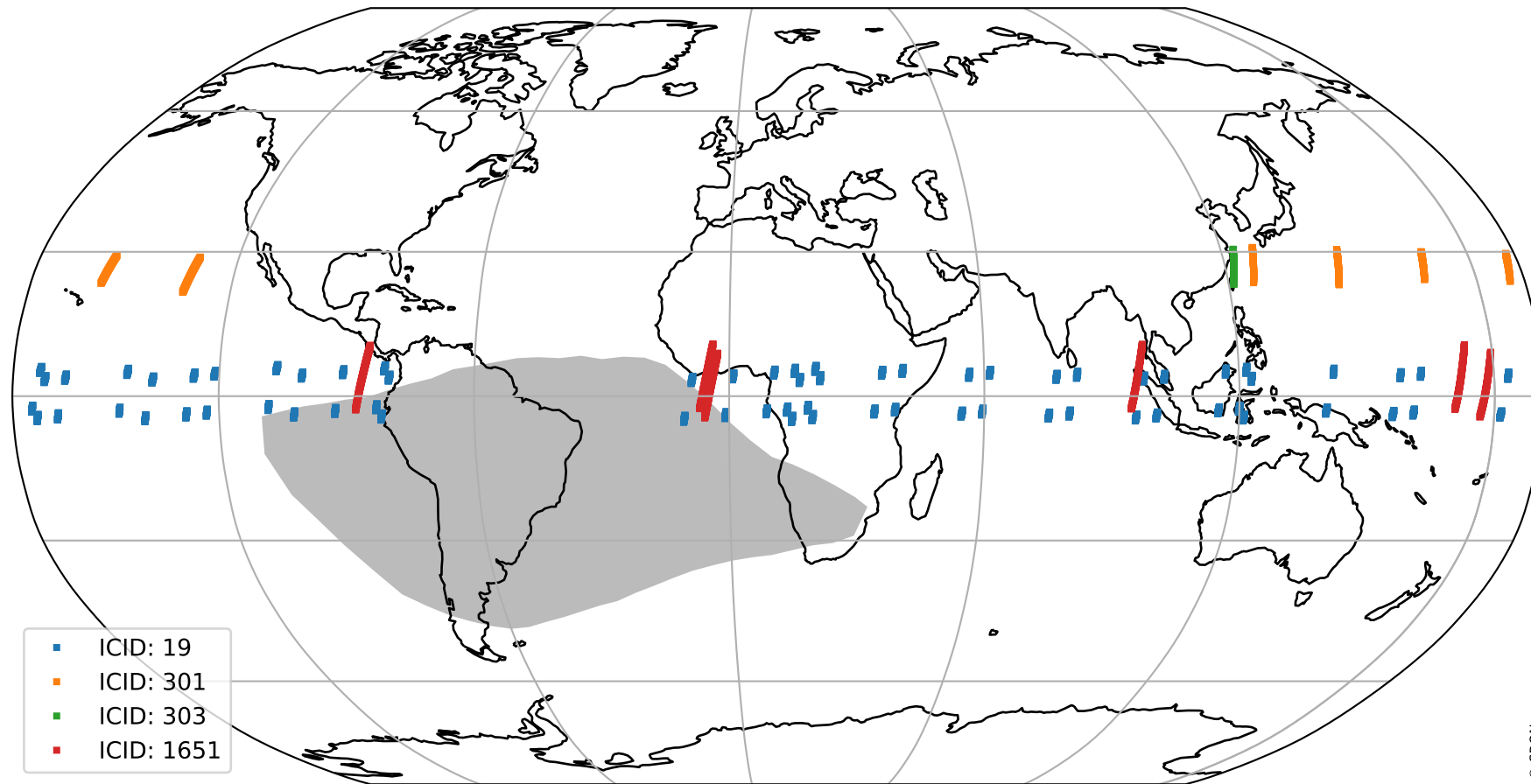
Tropomi SWIR background noise (swir)

orbits : 13 in [25432, 25522]
coverage : 2022-09-10 / 2022-09-16
median : 0.98244
spread : 0.16738
created : 2023-08-21T16:43:27



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

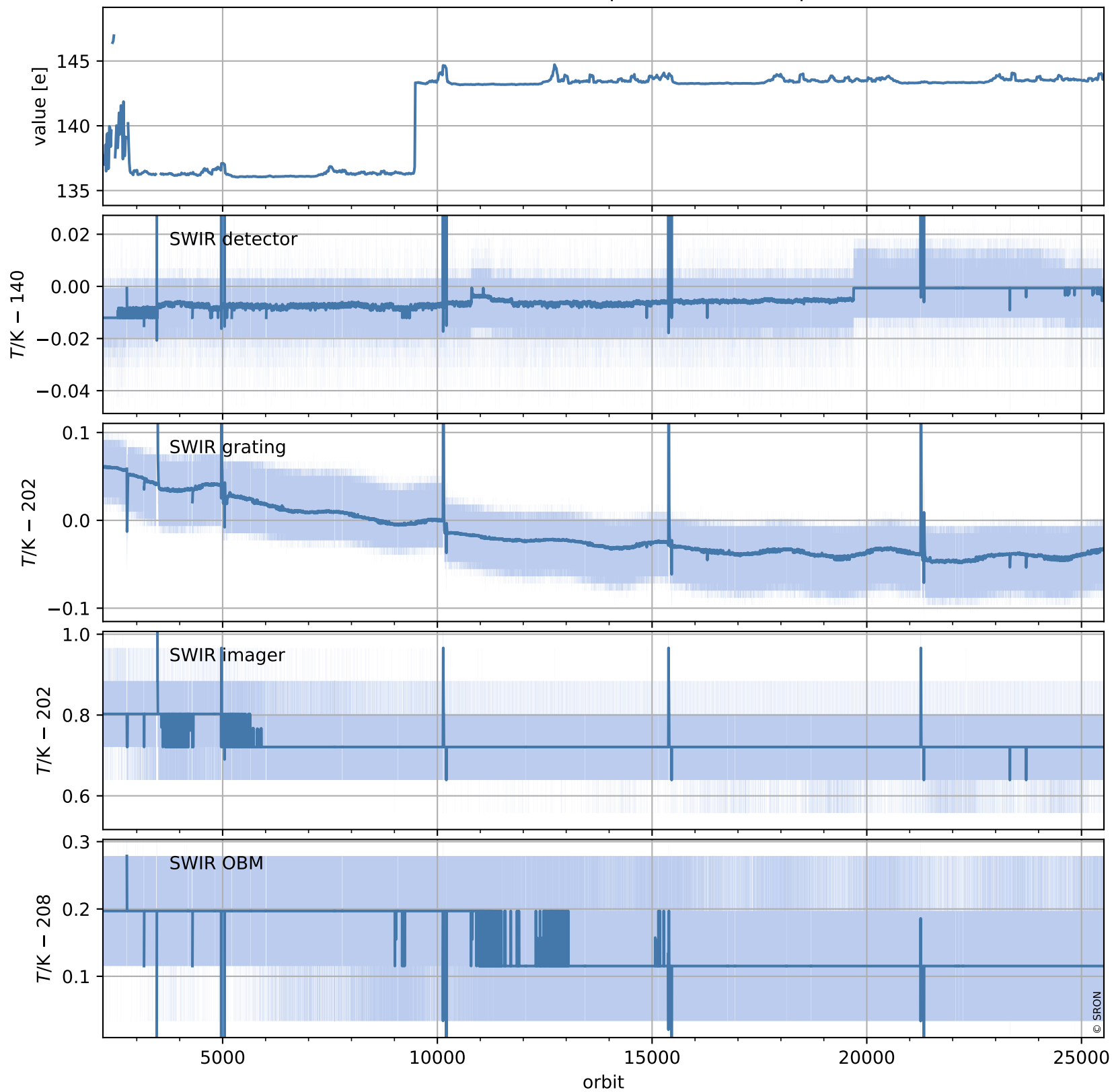
orbits : 13 in [25432, 25522]
coverage : 2022-09-10 / 2022-09-16
created : 2023-08-21T16:43:27



Tropomi SWIR background noise (swir)

orbits : [2212, 25522]
coverage : 2018-03-18 / 2022-09-16
created : 2023-08-21T16:43:27

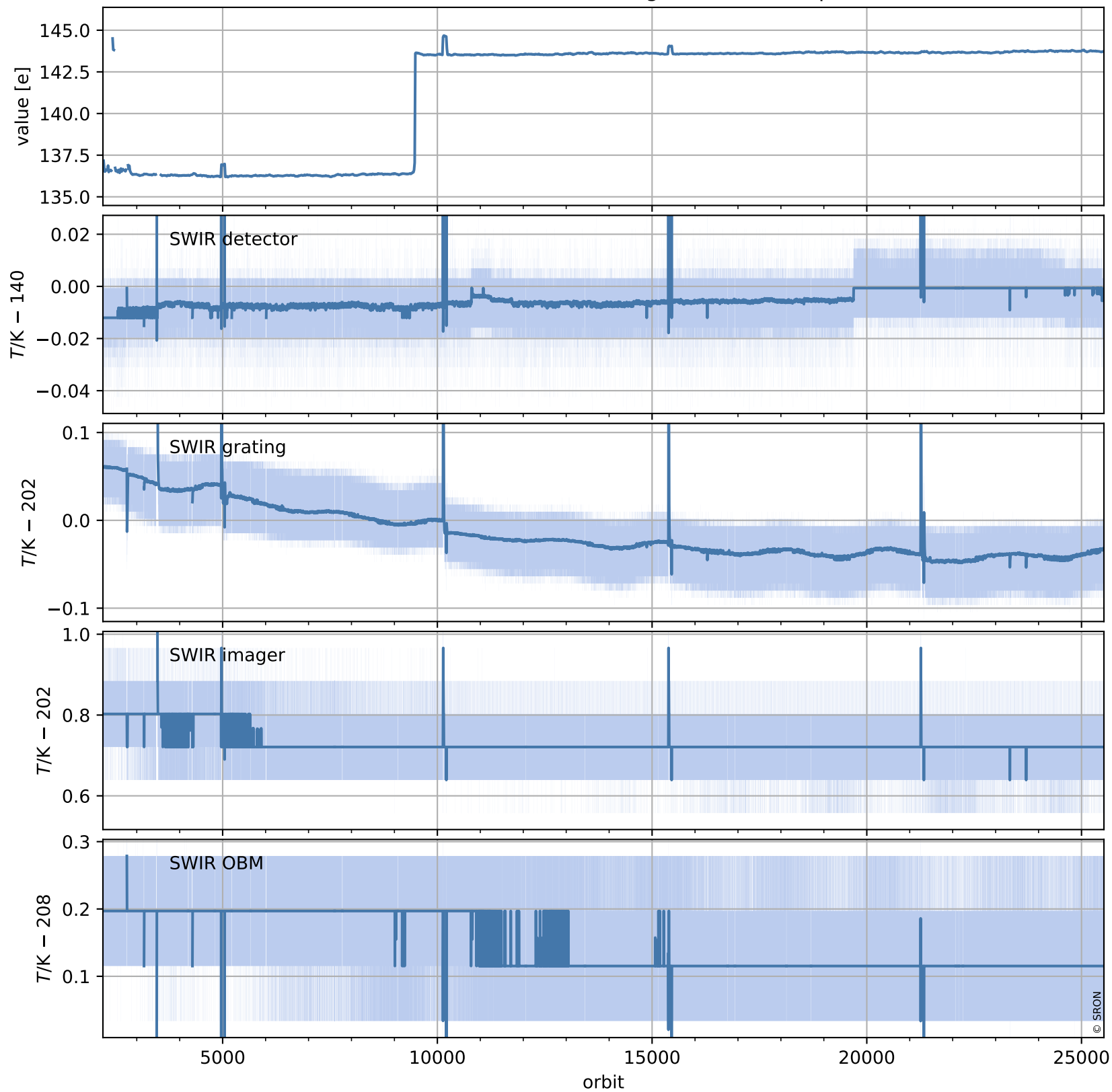
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25522]
coverage : 2018-03-18 / 2022-09-16
created : 2023-08-21T16:43:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25522]
coverage : 2018-03-18 / 2022-09-16
created : 2023-08-21T16:43:29

trend of normalized read-noise & temperatures

