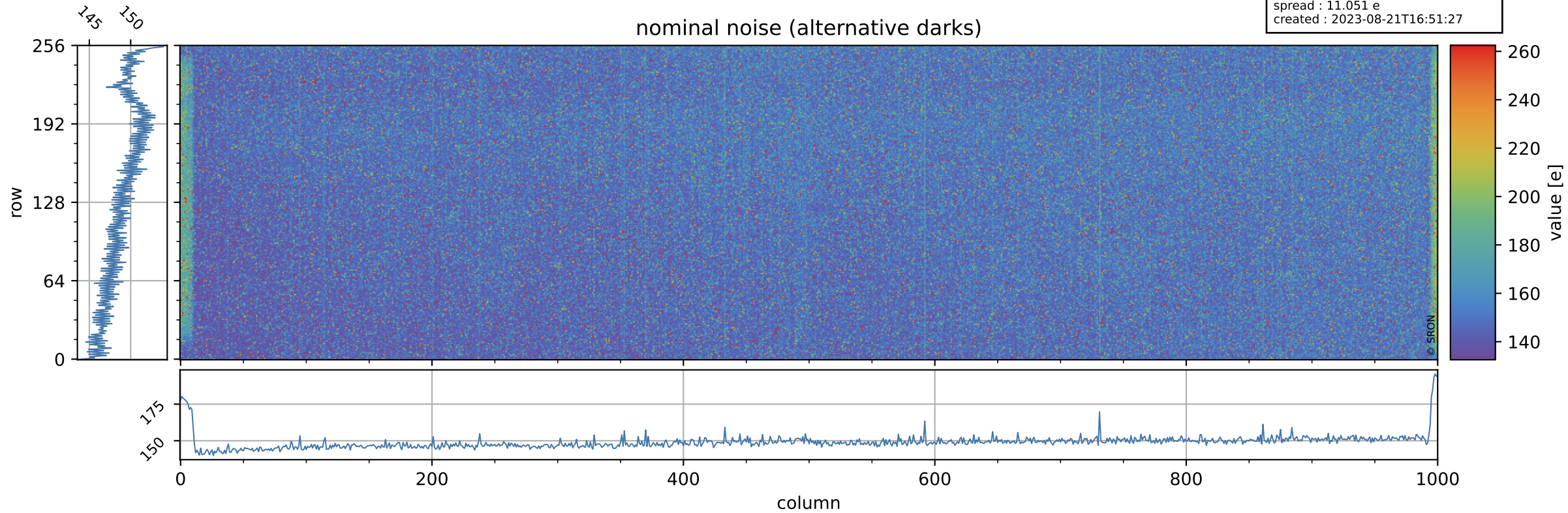


Tropomi SWIR background noise (swir)

orbits : 12 in [26767, 26842]
coverage : 2022-12-12 / 2022-12-17
n_coad, t_exp : 1, 1.0783
median : 148.86 e
spread : 11.051 e
created : 2023-08-21T16:51:27

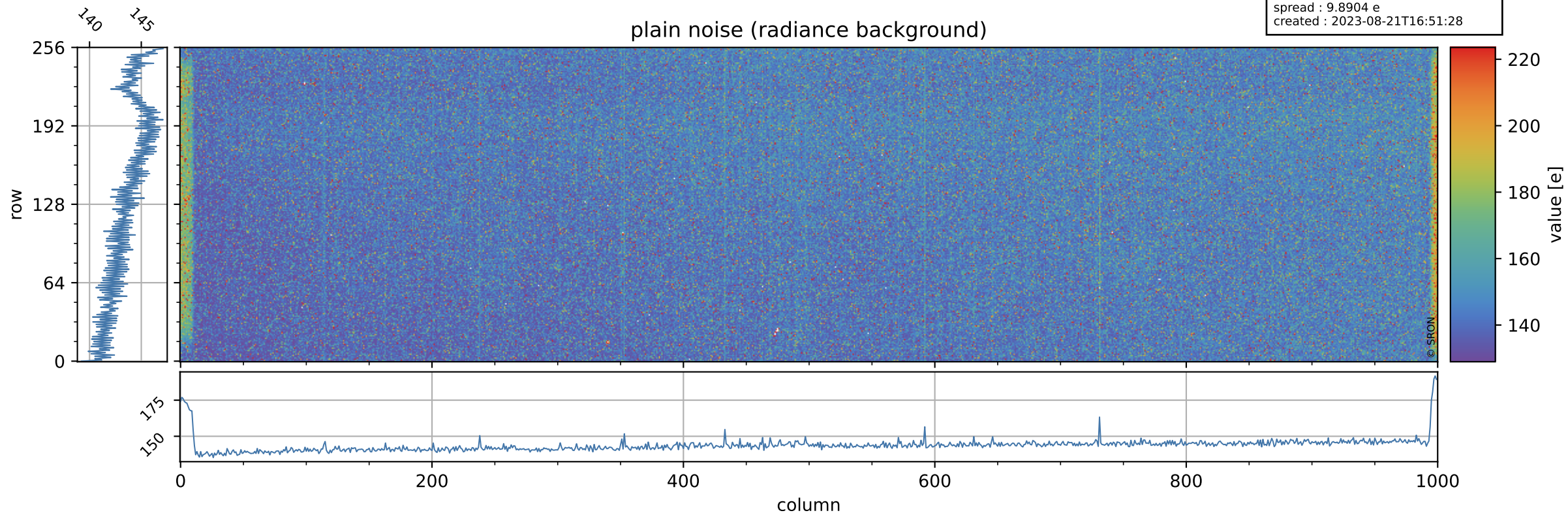
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26767, 26842]
coverage : 2022-12-12 / 2022-12-17
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.8904 e
created : 2023-08-21T16:51:28

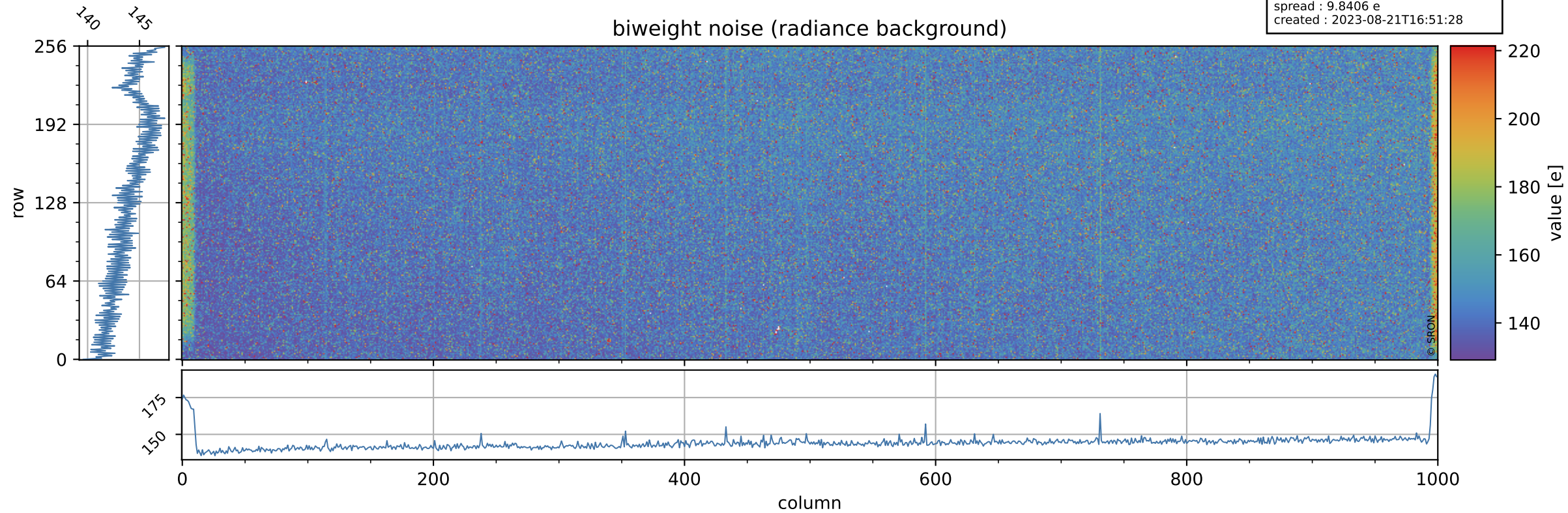
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26767, 26842]
coverage : 2022-12-12 / 2022-12-17
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.8406 e
created : 2023-08-21T16:51:28

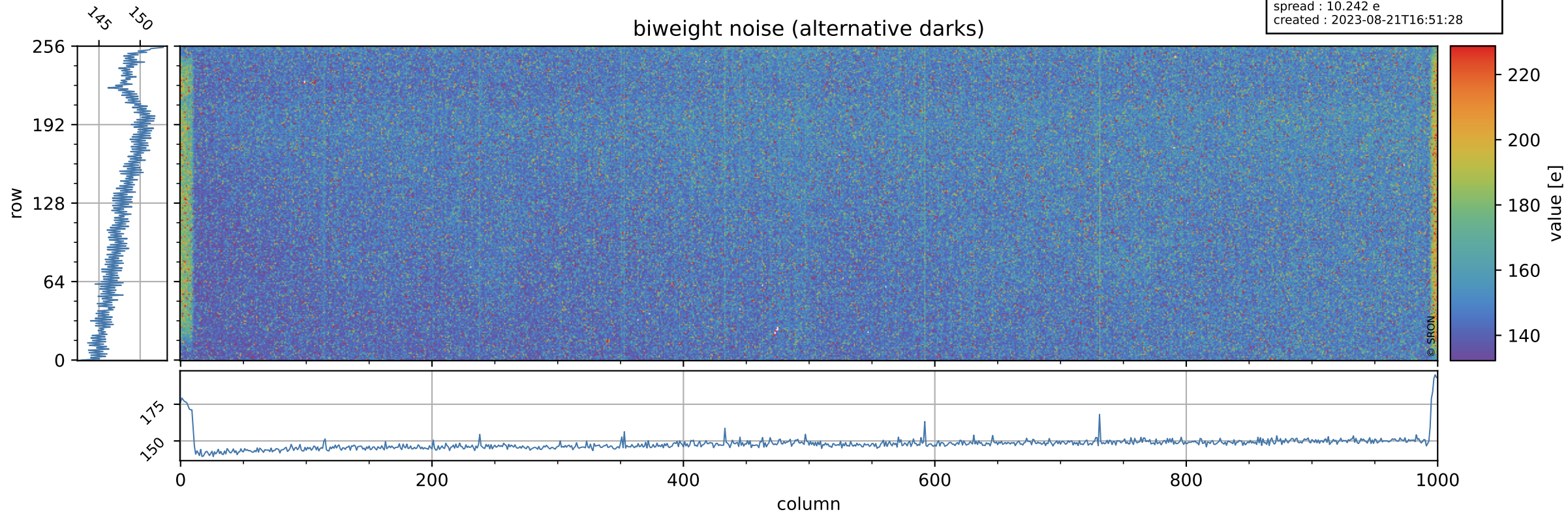
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26767, 26842]
coverage : 2022-12-12 / 2022-12-17
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.242 e
created : 2023-08-21T16:51:28

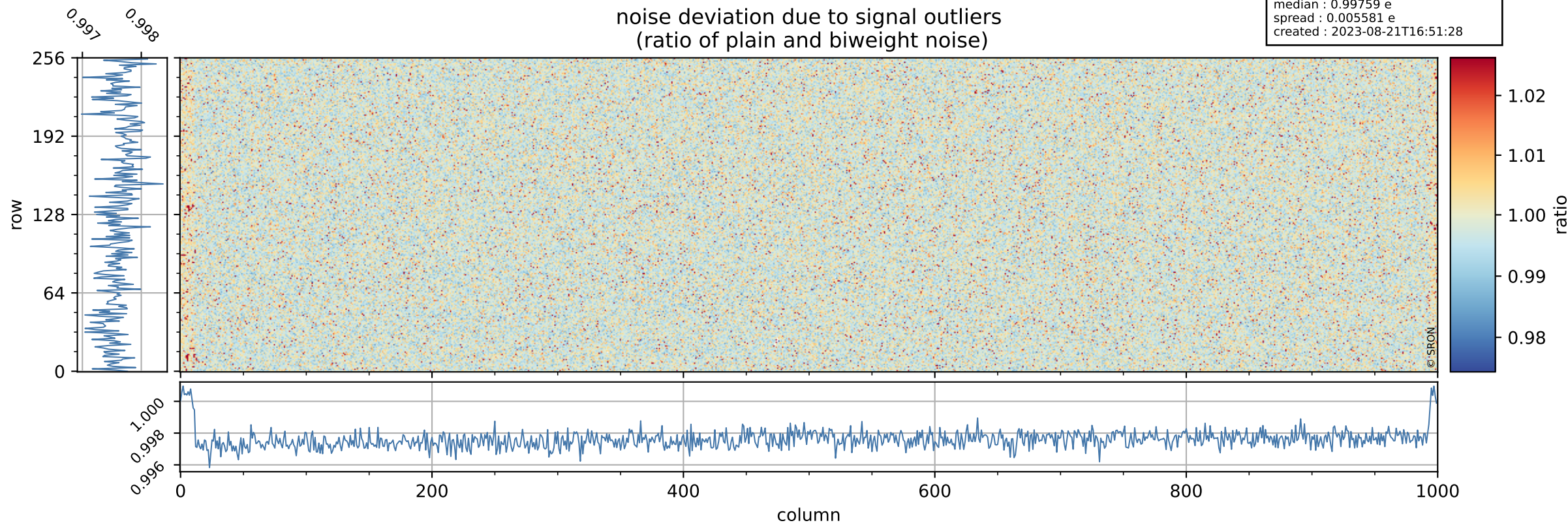
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

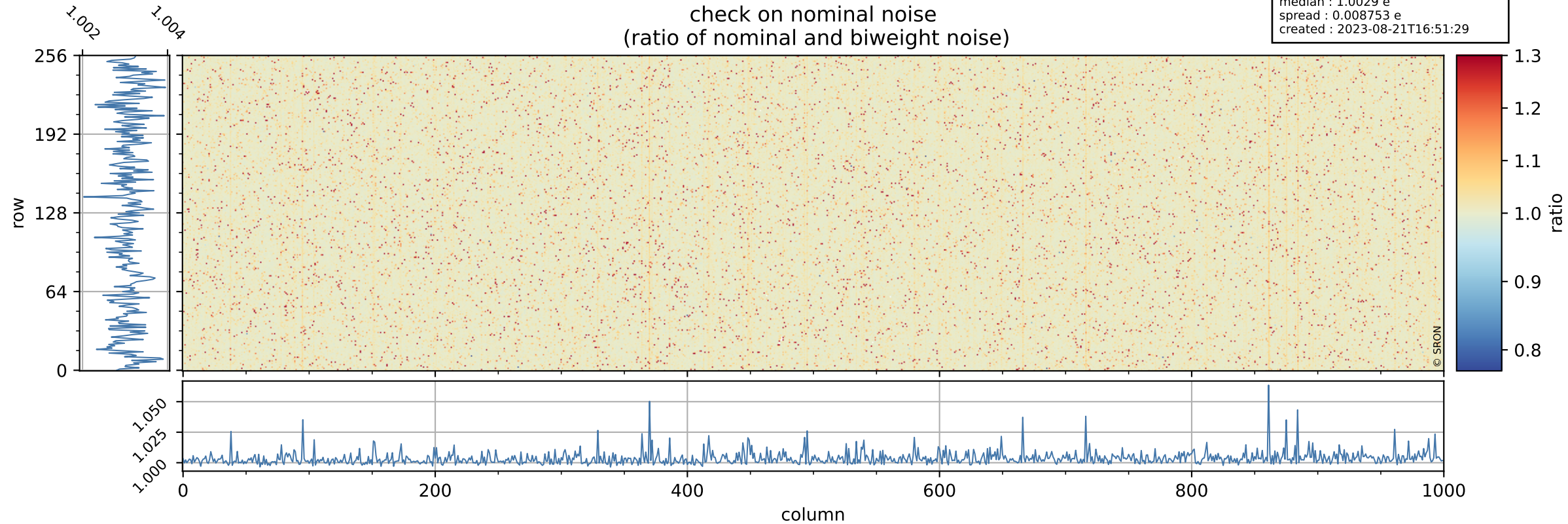
orbits : 12 in [26767, 26842]
coverage : 2022-12-12 / 2022-12-17
median : 0.99759 e
spread : 0.005581 e
created : 2023-08-21T16:51:28



Tropomi SWIR background noise (swir)

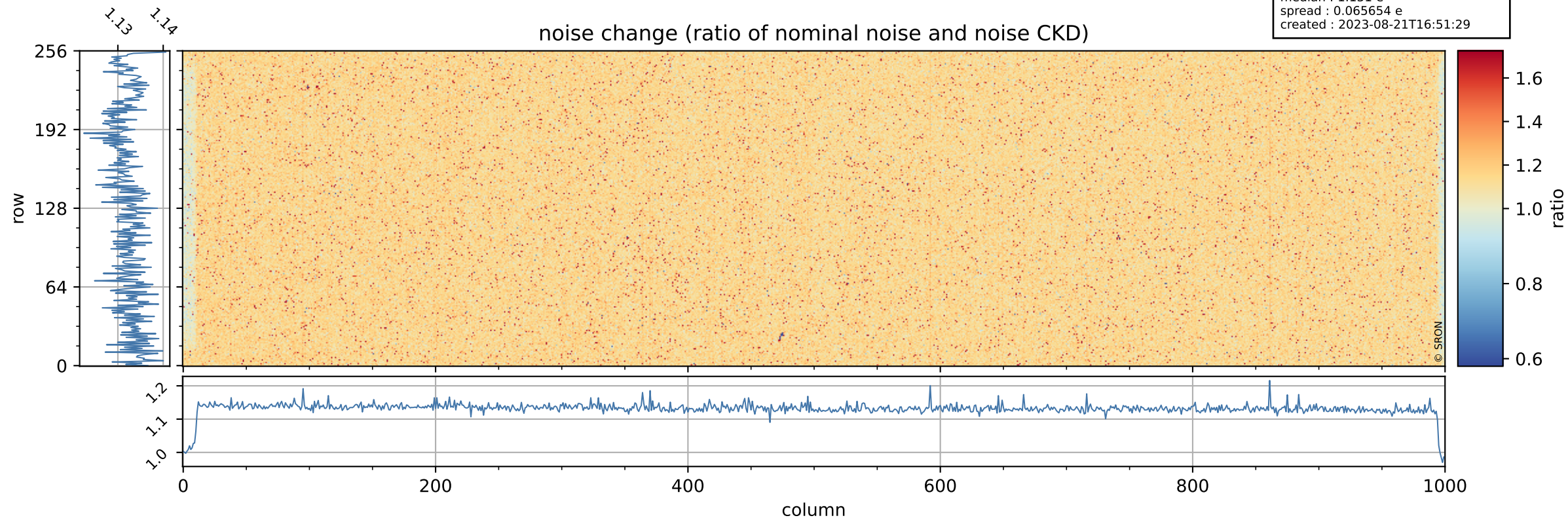
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26767, 26842]
coverage : 2022-12-12 / 2022-12-17
median : 1.0029 e
spread : 0.008753 e
created : 2023-08-21T16:51:29



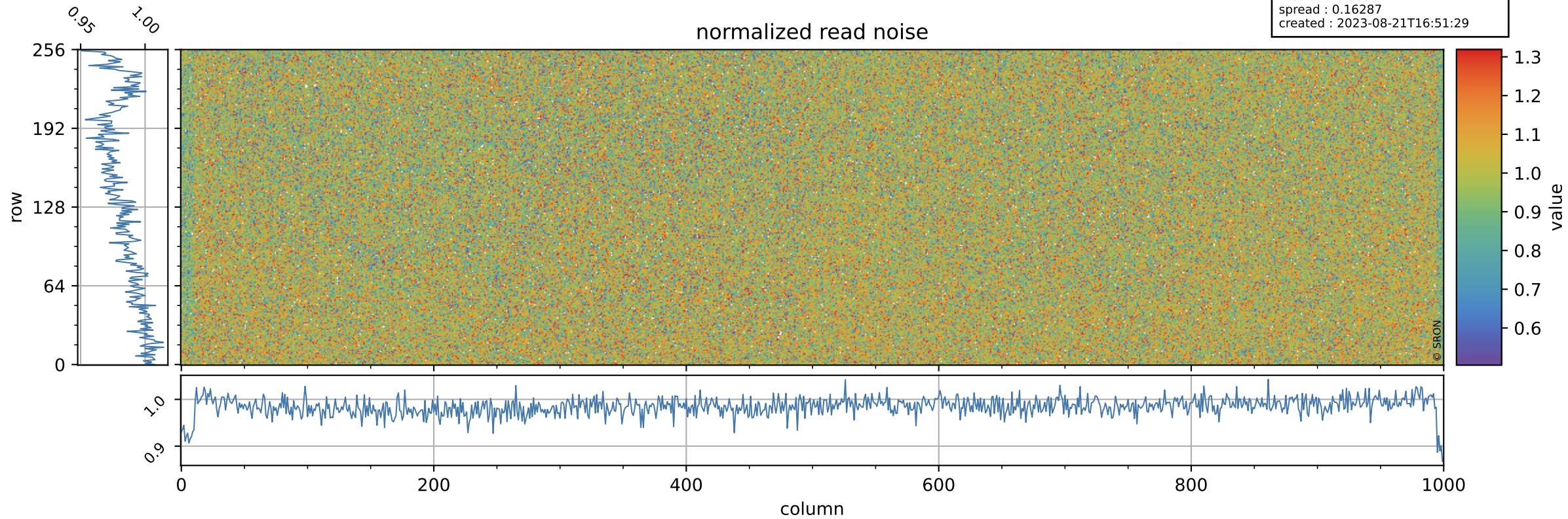
Tropomi SWIR background noise (swir)

orbits : 12 in [26767, 26842]
coverage : 2022-12-12 / 2022-12-17
median : 1.131 e
spread : 0.065654 e
created : 2023-08-21T16:51:29



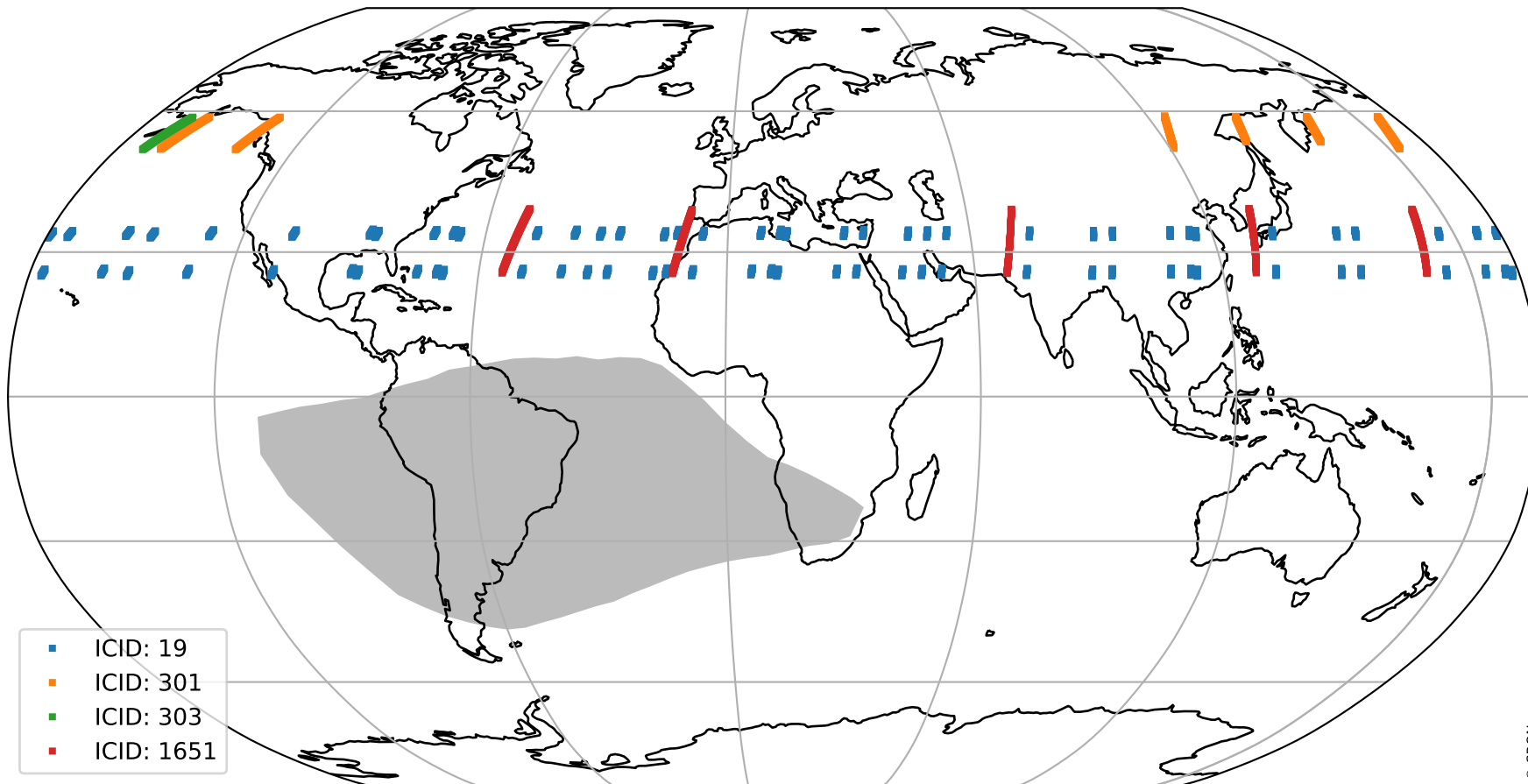
Tropomi SWIR background noise (swir)

orbits : 12 in [26767, 26842]
coverage : 2022-12-12 / 2022-12-17
median : 0.9831
spread : 0.16287
created : 2023-08-21T16:51:29



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

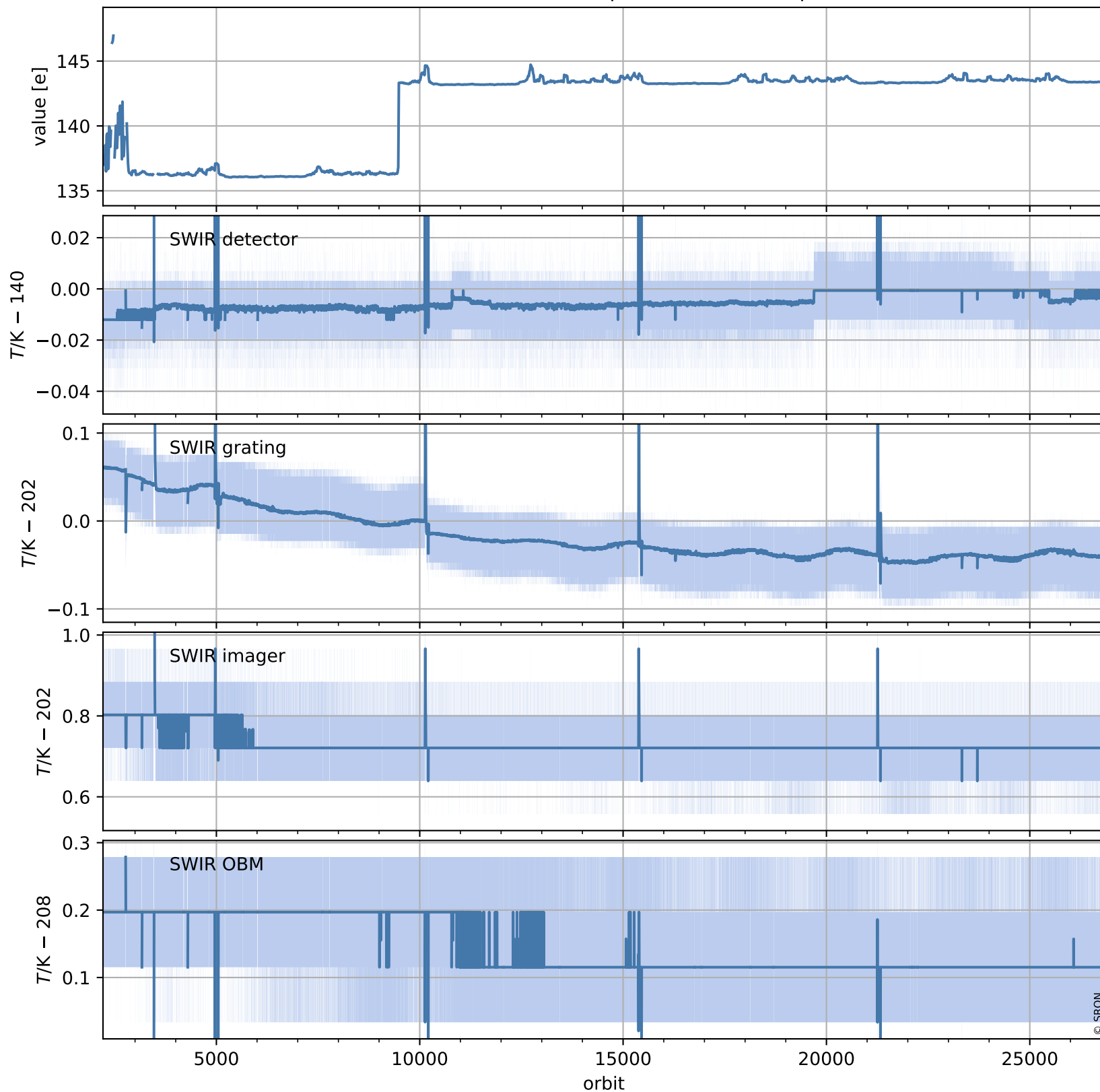
orbits : 12 in [26767, 26842]
coverage : 2022-12-12 / 2022-12-17
created : 2023-08-21T16:51:30



Tropomi SWIR background noise (swir)

orbits : [2212, 26842]
coverage : 2018-03-18 / 2022-12-17
created : 2023-08-21T16:51:30

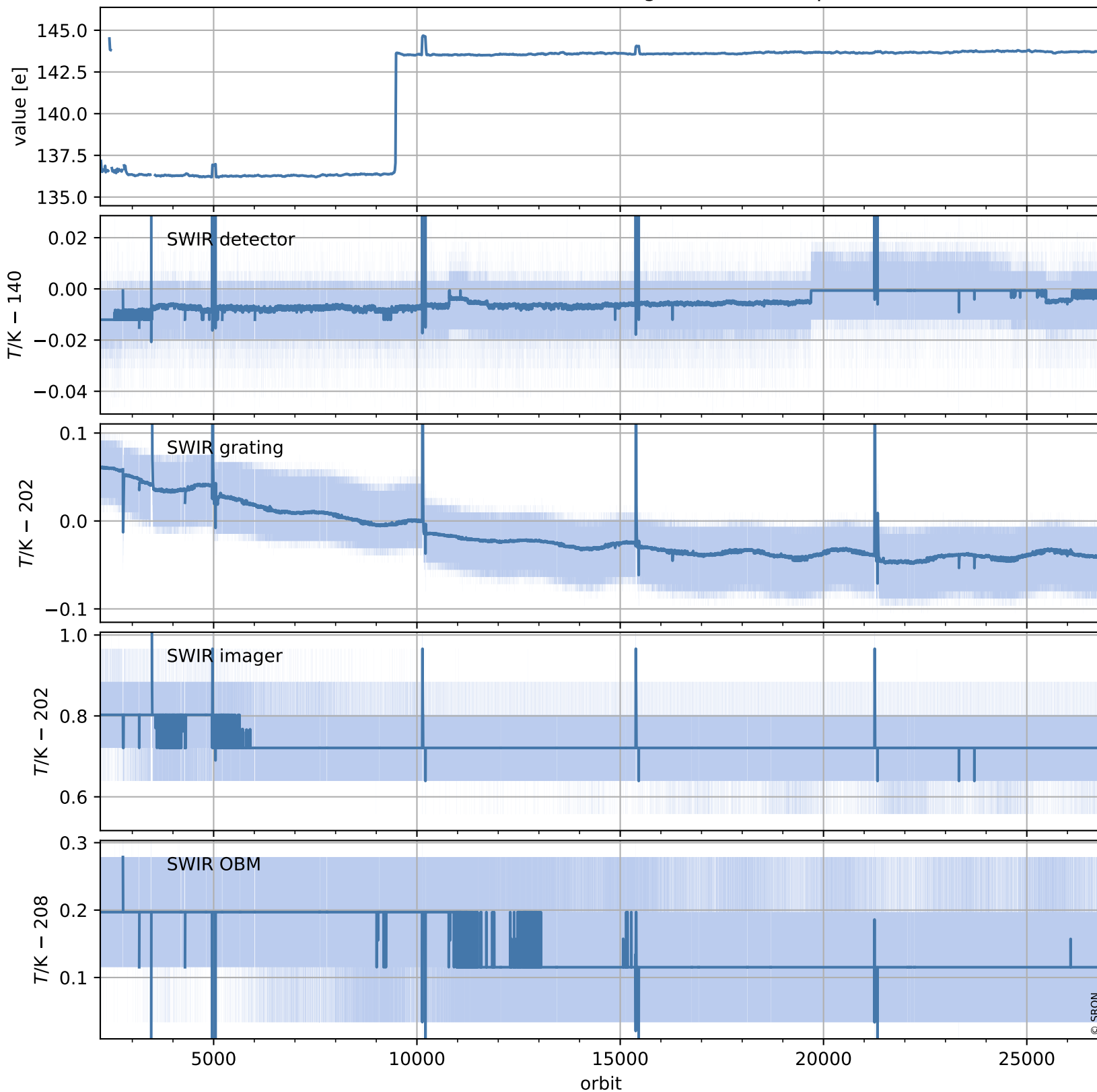
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26842]
coverage : 2018-03-18 / 2022-12-17
created : 2023-08-21T16:51:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26842]
coverage : 2018-03-18 / 2022-12-17
created : 2023-08-21T16:51:32

trend of normalized read-noise & temperatures

