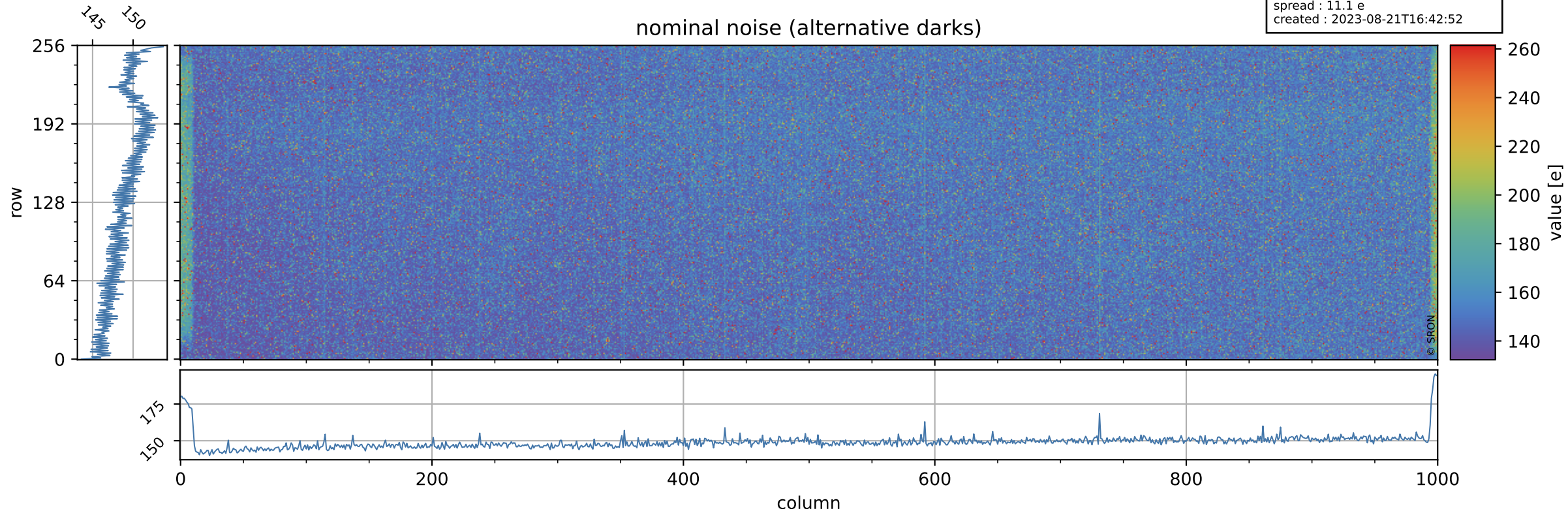


Tropomi SWIR background noise (swir)

orbits : 11 in [25342, 25432]
coverage : 2022-09-04 / 2022-09-09
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 11.1 e
created : 2023-08-21T16:42:52

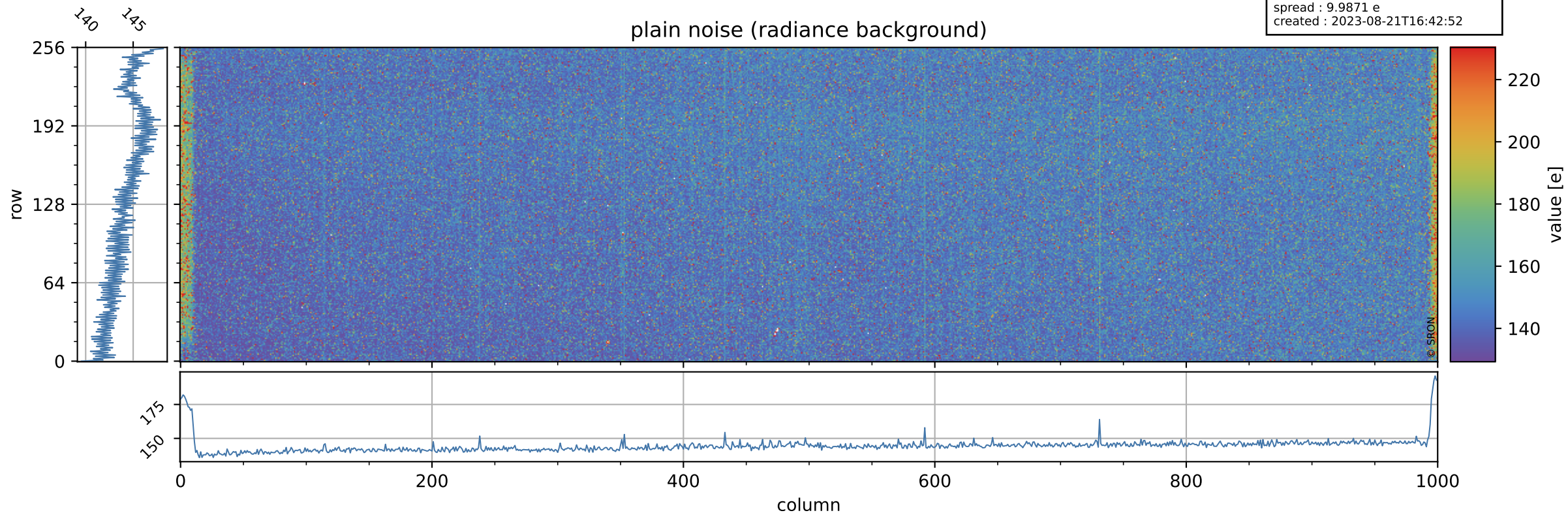
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [25342, 25432]
coverage : 2022-09-04 / 2022-09-09
n_coad, t_exp : 1, 0.8383
median : 144.13 e
spread : 9.9871 e
created : 2023-08-21T16:42:52

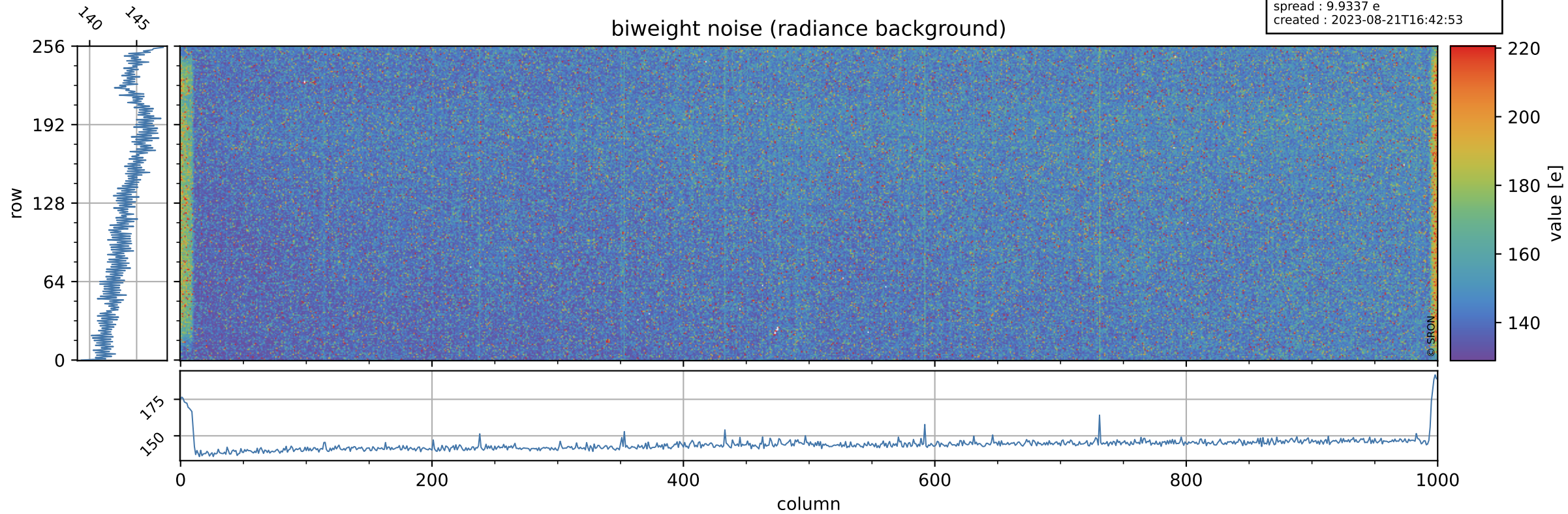
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [25342, 25432]
coverage : 2022-09-04 / 2022-09-09
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.9337 e
created : 2023-08-21T16:42:53

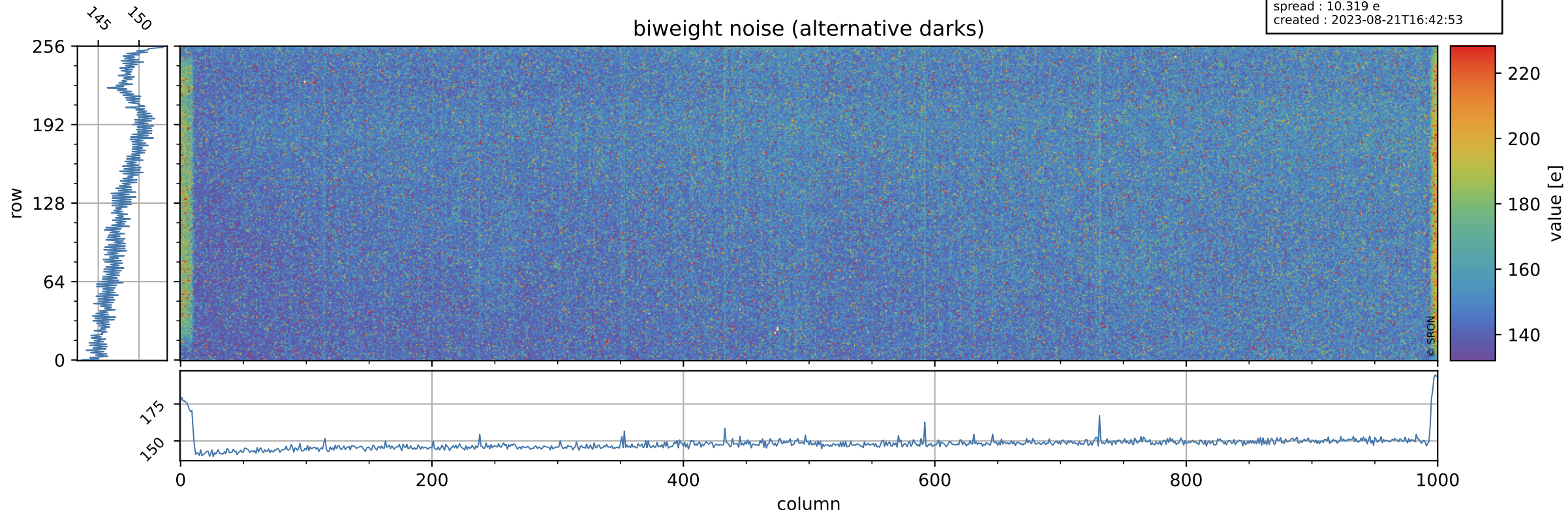
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [25342, 25432]
coverage : 2022-09-04 / 2022-09-09
n_coad, t_exp : 1, 1.0783
median : 147.87 e
spread : 10.319 e
created : 2023-08-21T16:42:53

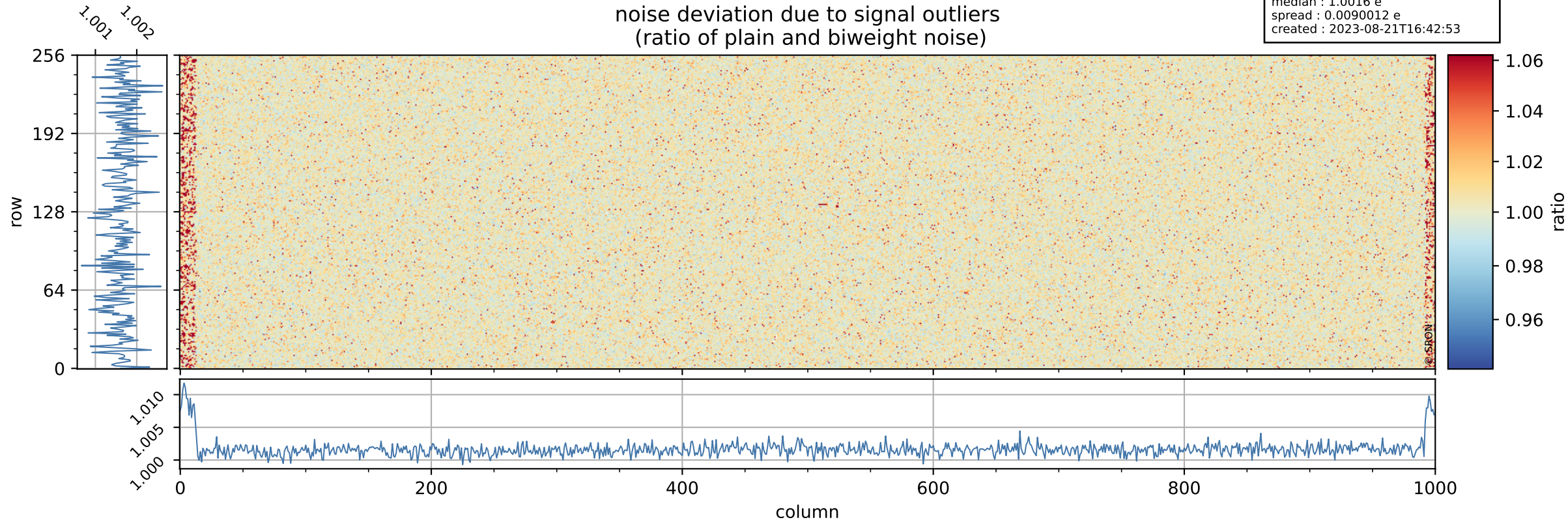
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

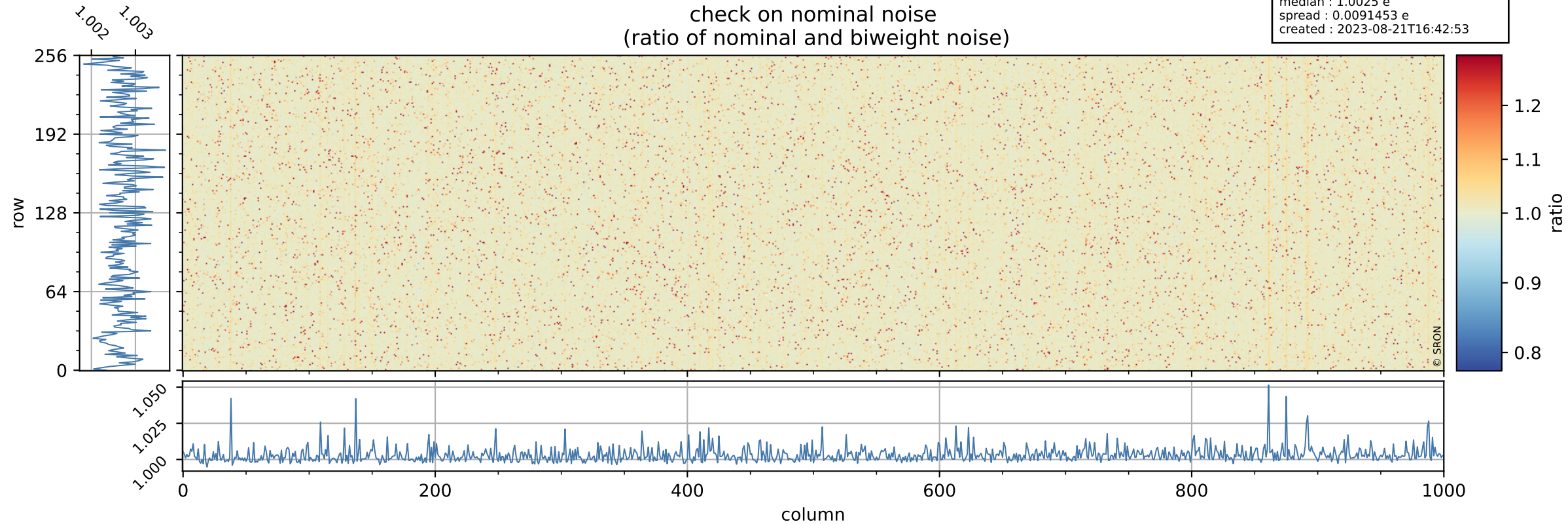
orbits : 11 in [25342, 25432]
coverage : 2022-09-04 / 2022-09-09
median : 1.0016 e
spread : 0.0090012 e
created : 2023-08-21T16:42:53



Tropomi SWIR background noise (swir)

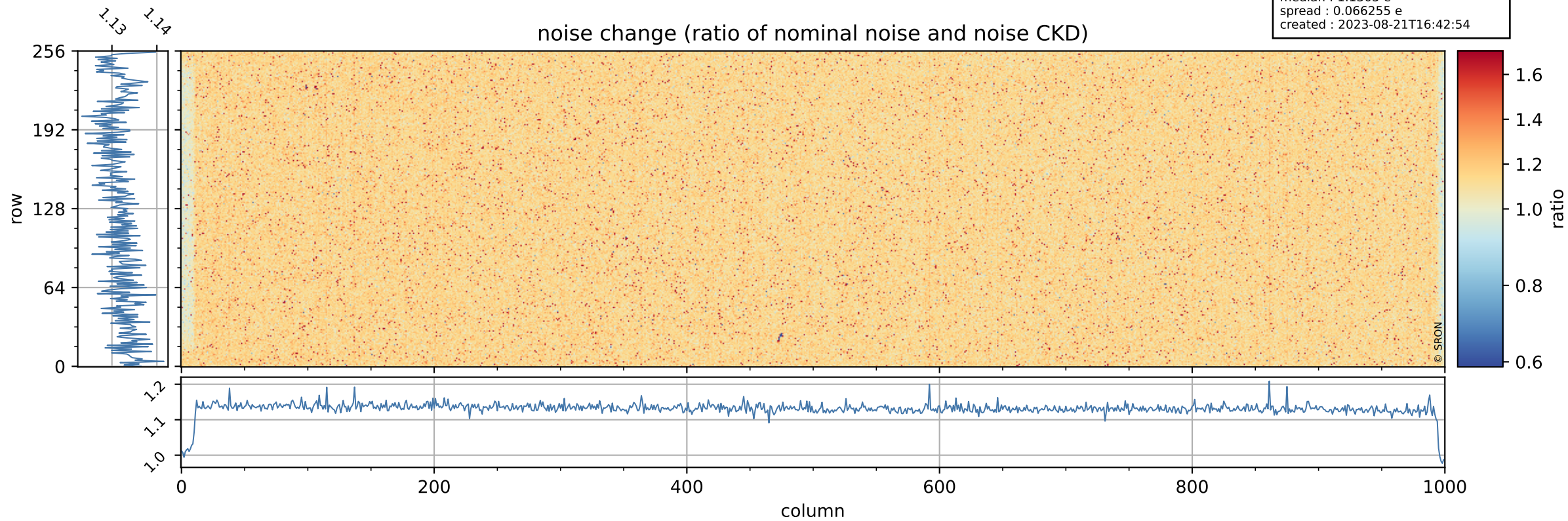
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [25342, 25432]
coverage : 2022-09-04 / 2022-09-09
median : 1.0025 e
spread : 0.0091453 e
created : 2023-08-21T16:42:53



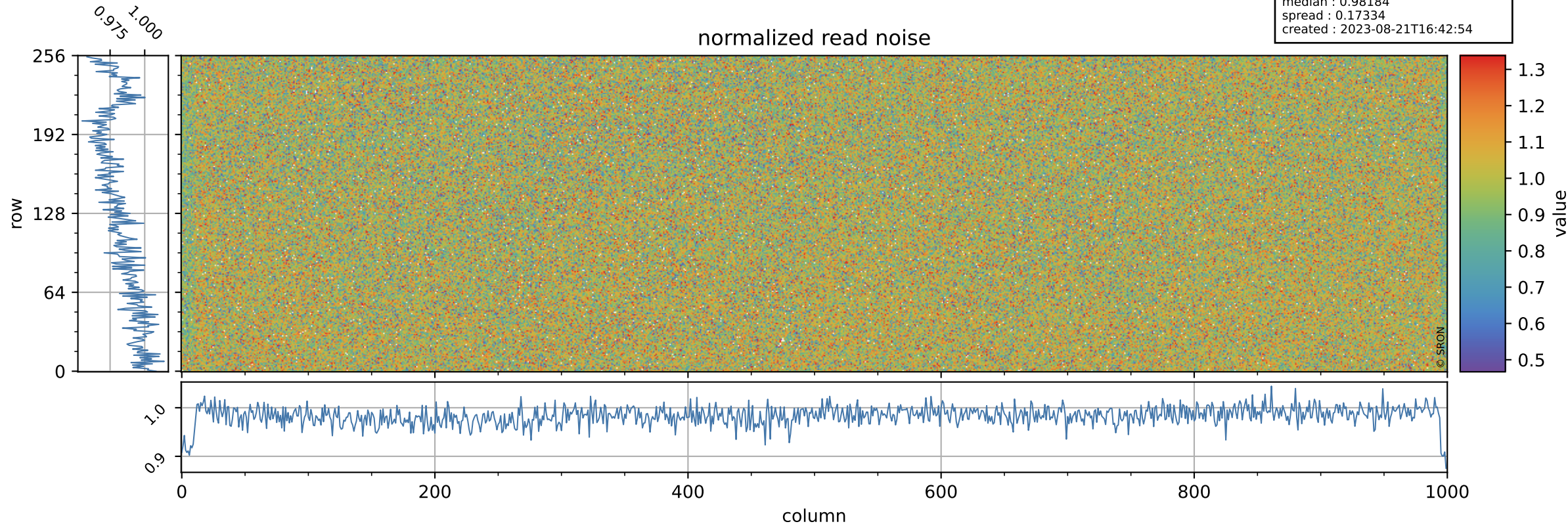
Tropomi SWIR background noise (swir)

orbits : 11 in [25342, 25432]
coverage : 2022-09-04 / 2022-09-09
median : 1.1305 e
spread : 0.066255 e
created : 2023-08-21T16:42:54



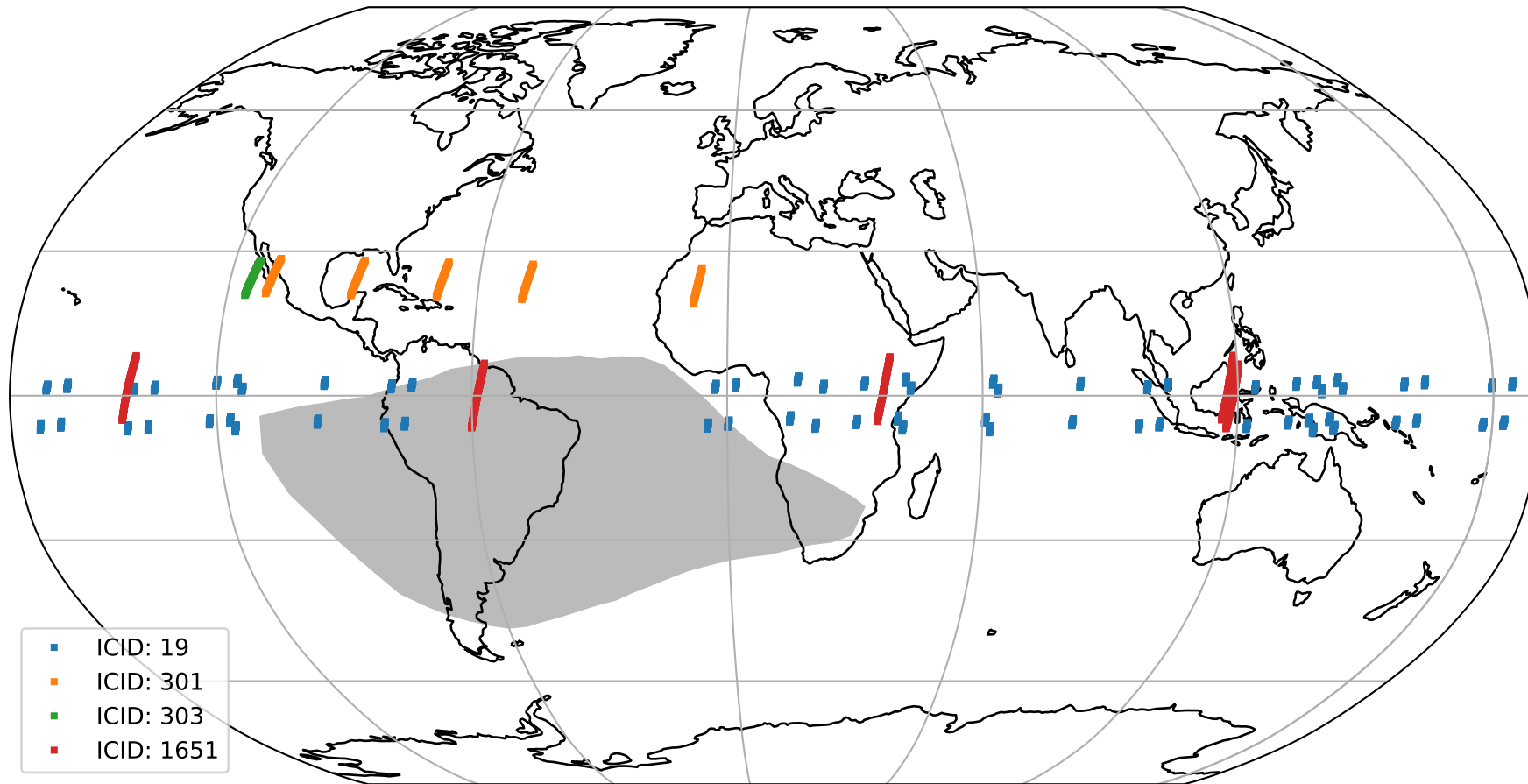
Tropomi SWIR background noise (swir)

orbits : 11 in [25342, 25432]
coverage : 2022-09-04 / 2022-09-09
median : 0.98184
spread : 0.17334
created : 2023-08-21T16:42:54



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

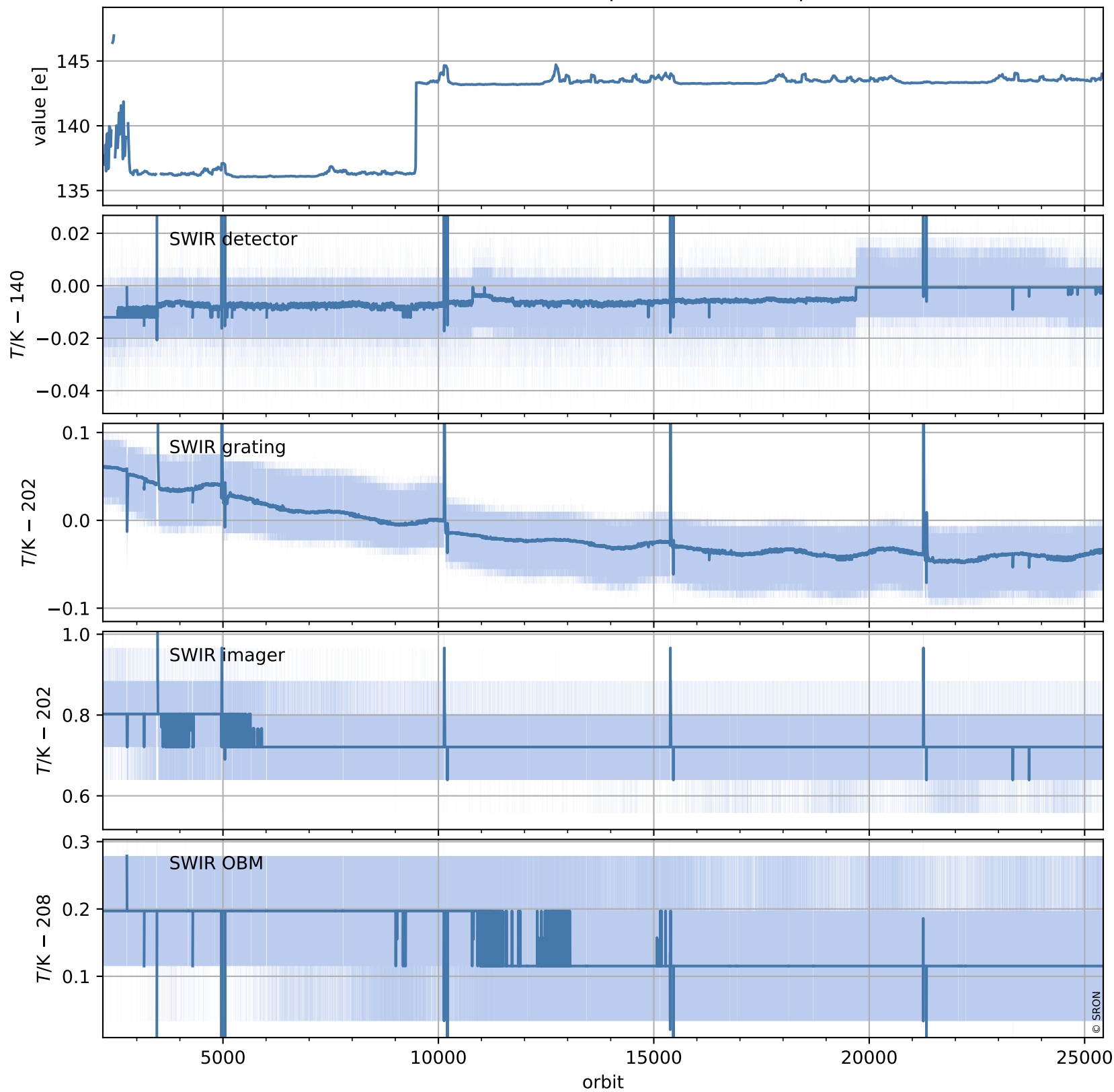
orbits : 11 in [25342, 25432]
coverage : 2022-09-04 / 2022-09-09
created : 2023-08-21T16:42:54



Tropomi SWIR background noise (swir)

orbits : [2212, 25432]
coverage : 2018-03-18 / 2022-09-09
created : 2023-08-21T16:42:55

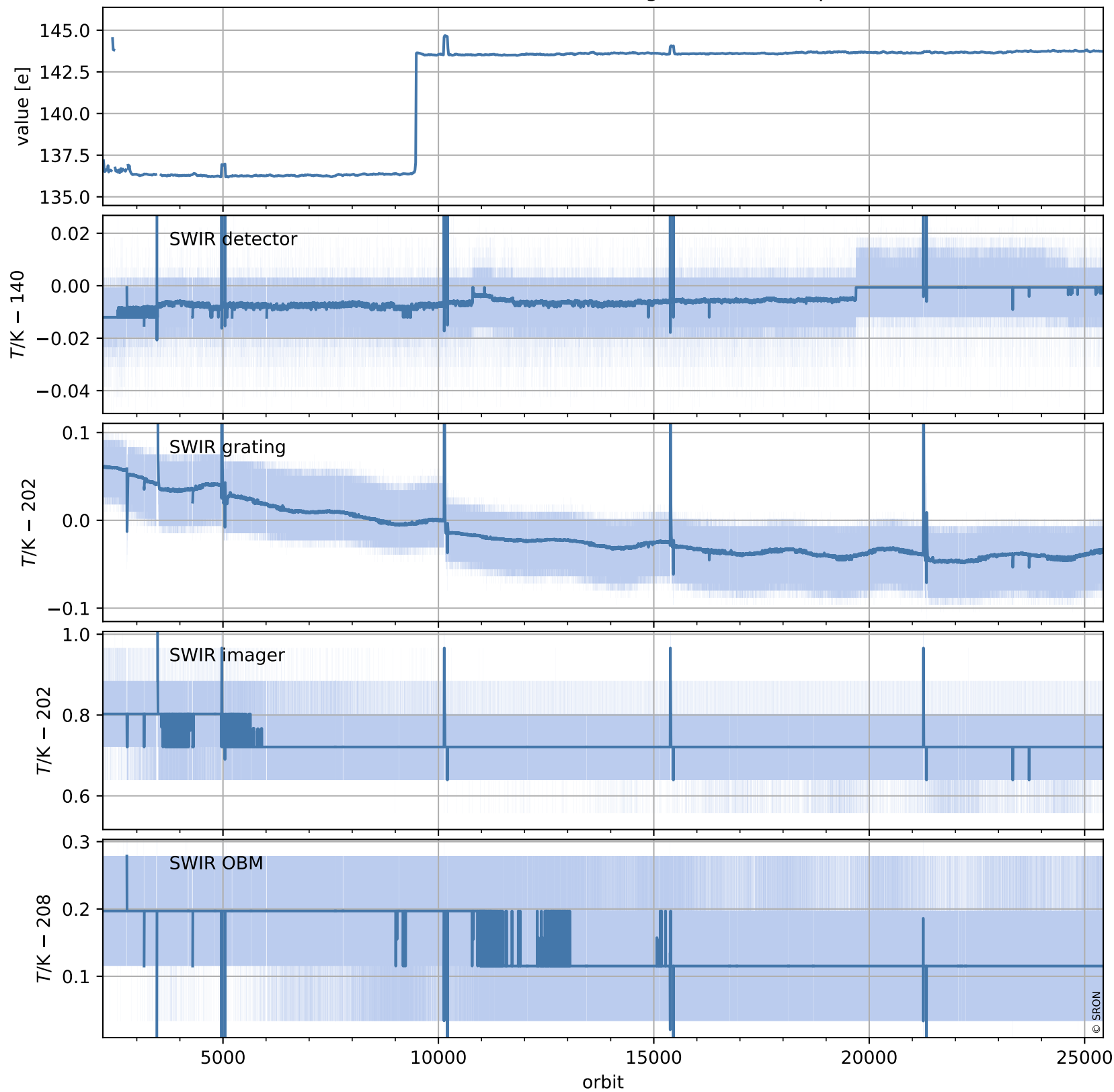
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25432]
coverage : 2018-03-18 / 2022-09-09
created : 2023-08-21T16:42:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25432]
coverage : 2018-03-18 / 2022-09-09
created : 2023-08-21T16:42:56

trend of normalized read-noise & temperatures

