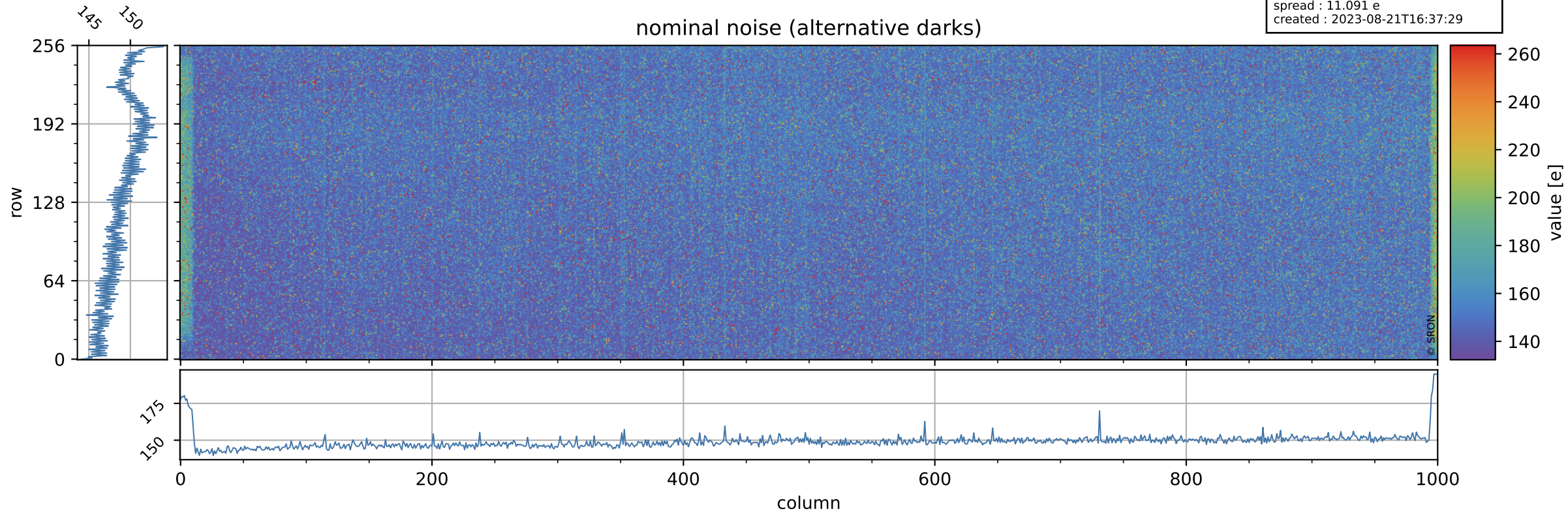


Tropomi SWIR background noise (swir)

orbits : 12 in [24457, 24547]
coverage : 2022-07-03 / 2022-07-09
n_coad, t_exp : 1, 1.0783
median : 148.84 e
spread : 11.091 e
created : 2023-08-21T16:37:29

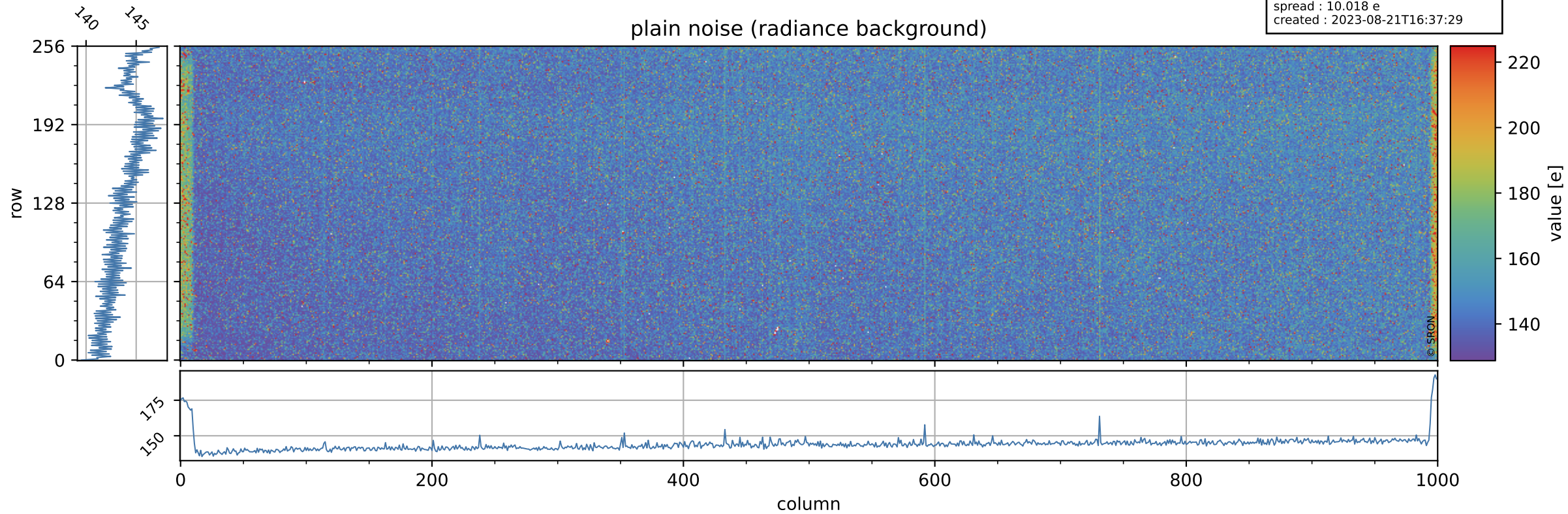
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24457, 24547]
coverage : 2022-07-03 / 2022-07-09
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 10.018 e
created : 2023-08-21T16:37:29

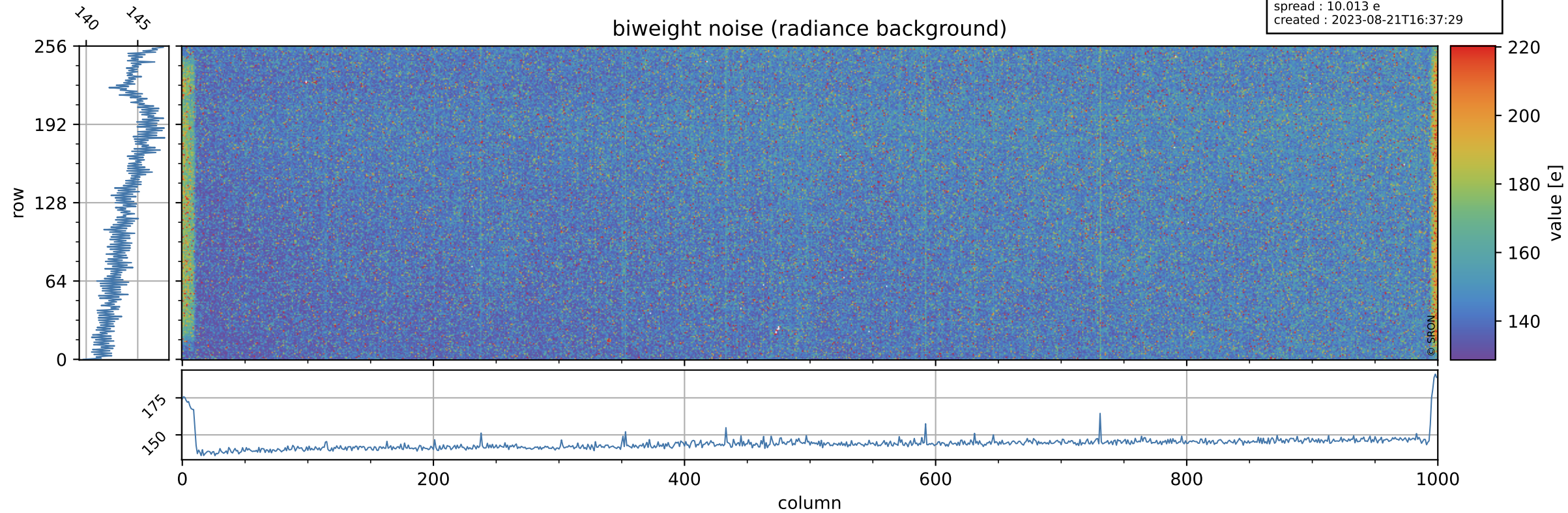
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24457, 24547]
coverage : 2022-07-03 / 2022-07-09
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 10.013 e
created : 2023-08-21T16:37:29

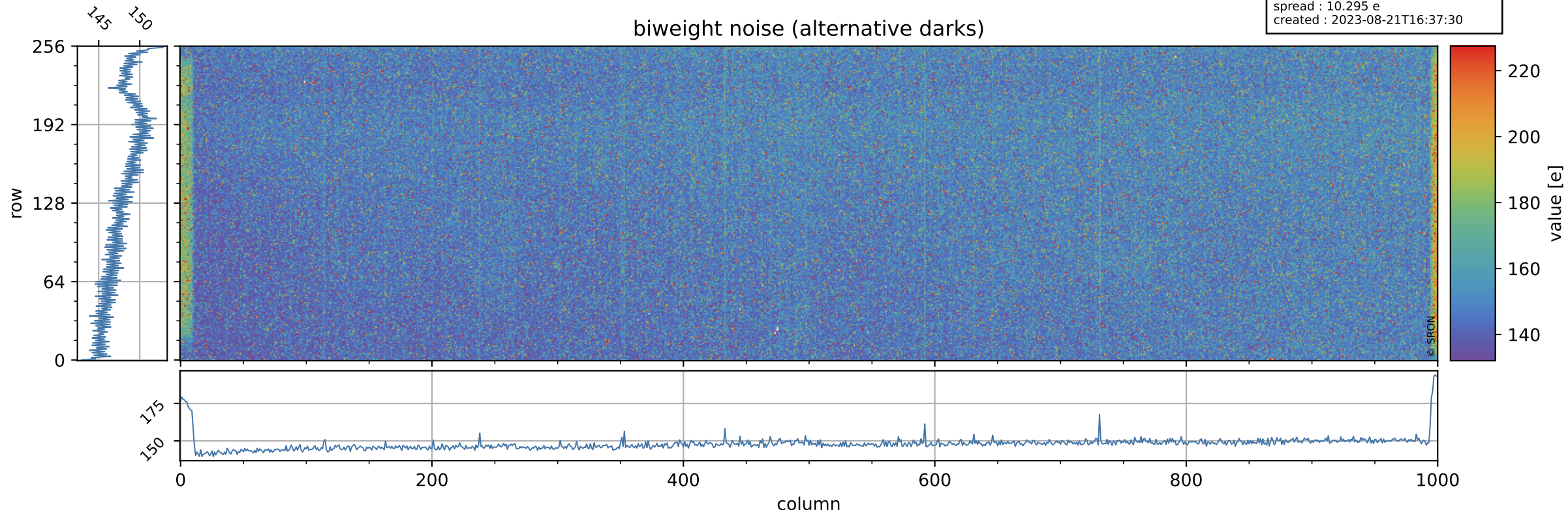
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24457, 24547]
coverage : 2022-07-03 / 2022-07-09
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.295 e
created : 2023-08-21T16:37:30

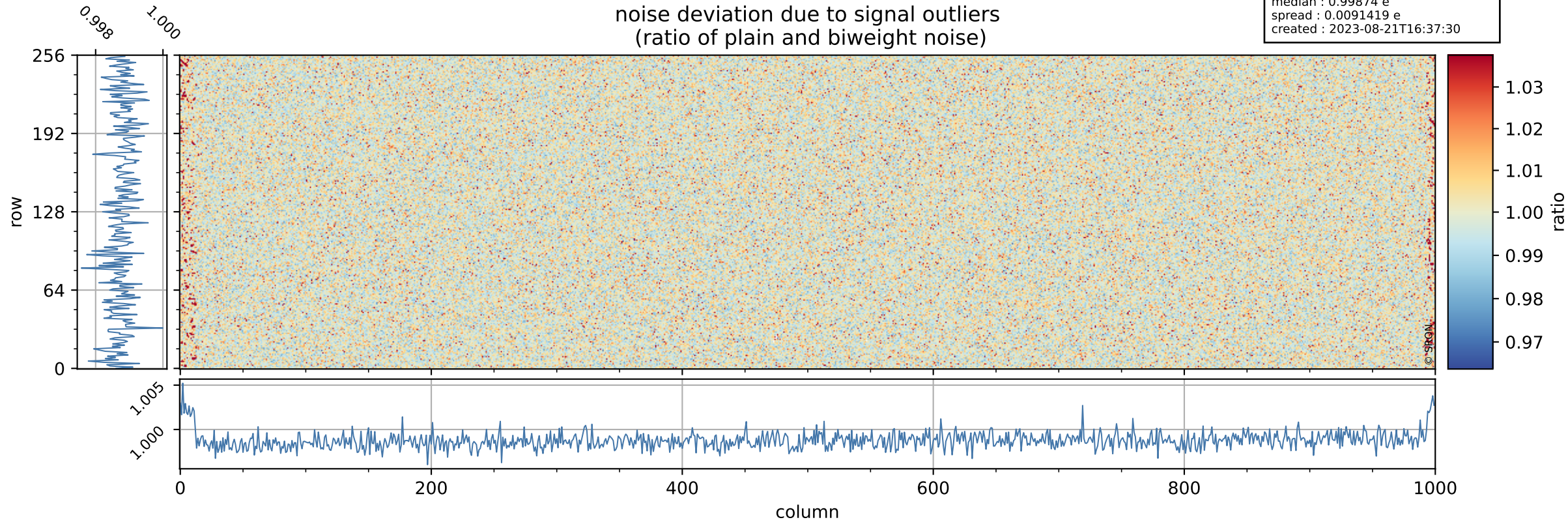
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

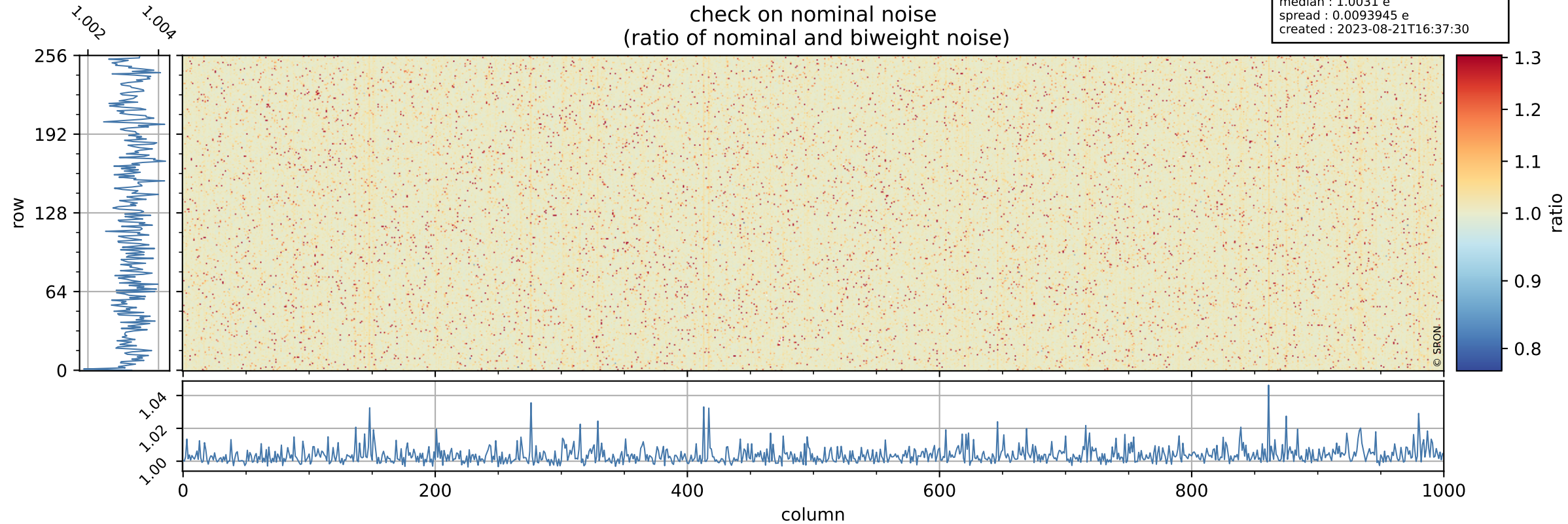
orbits : 12 in [24457, 24547]
coverage : 2022-07-03 / 2022-07-09
median : 0.99874 e
spread : 0.0091419 e
created : 2023-08-21T16:37:30



Tropomi SWIR background noise (swir)

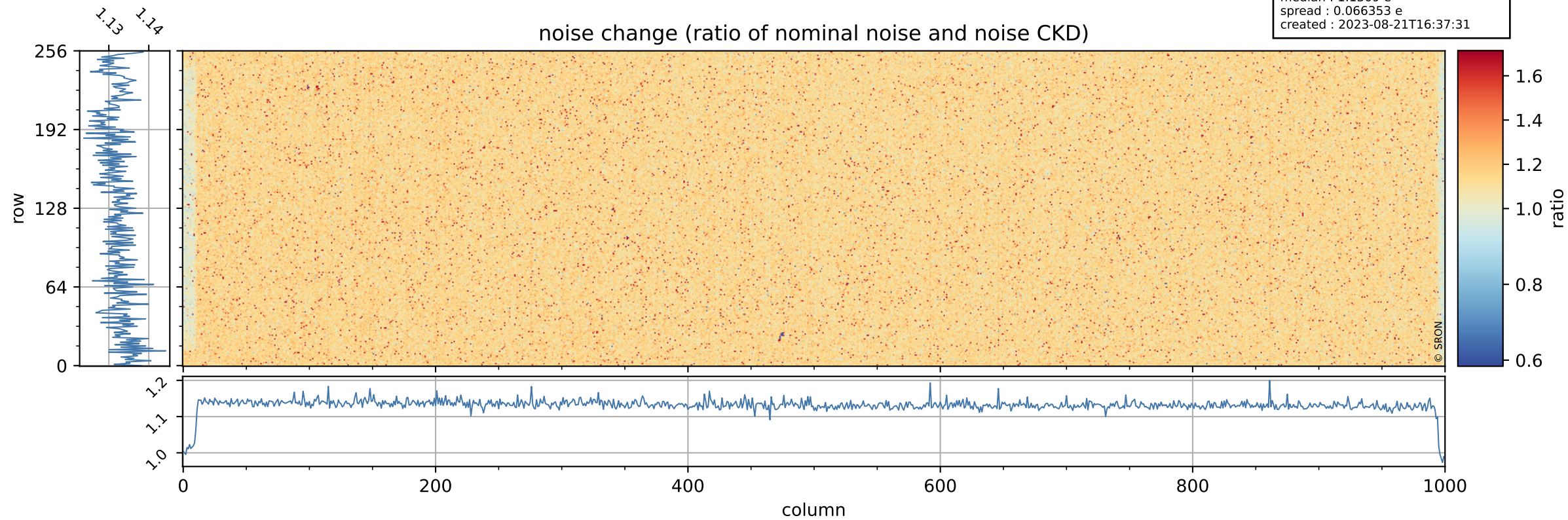
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24457, 24547]
coverage : 2022-07-03 / 2022-07-09
median : 1.0031 e
spread : 0.0093945 e
created : 2023-08-21T16:37:30



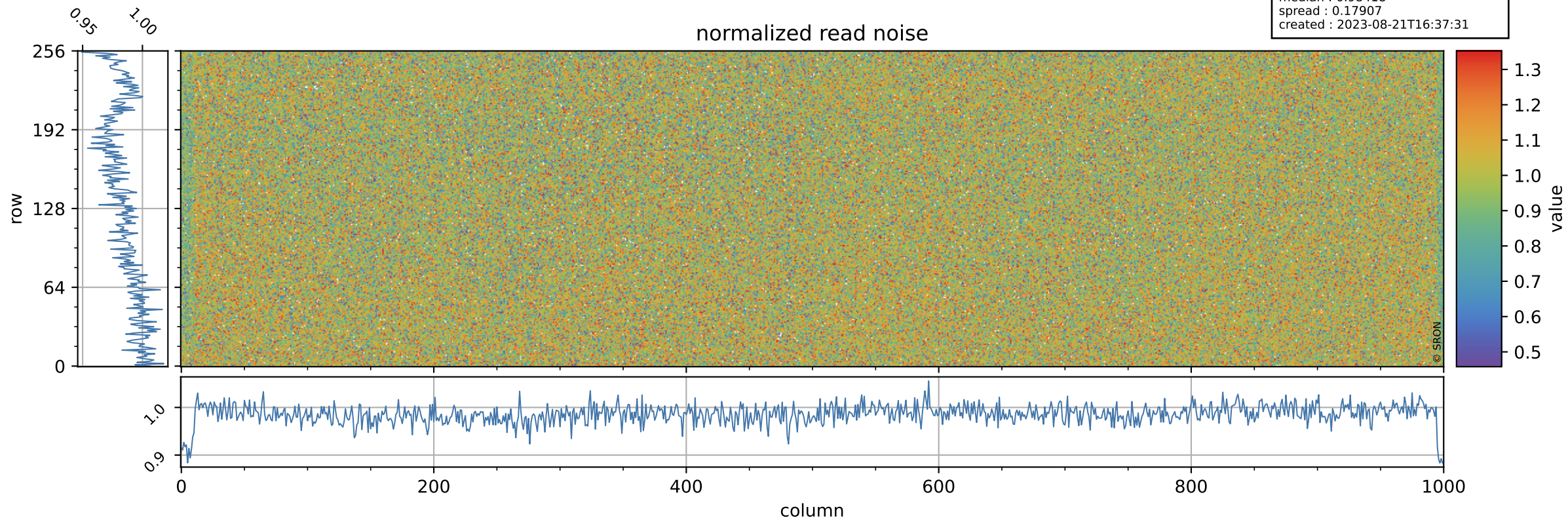
Tropomi SWIR background noise (swir)

orbits : 12 in [24457, 24547]
coverage : 2022-07-03 / 2022-07-09
median : 1.1309 e
spread : 0.066353 e
created : 2023-08-21T16:37:31



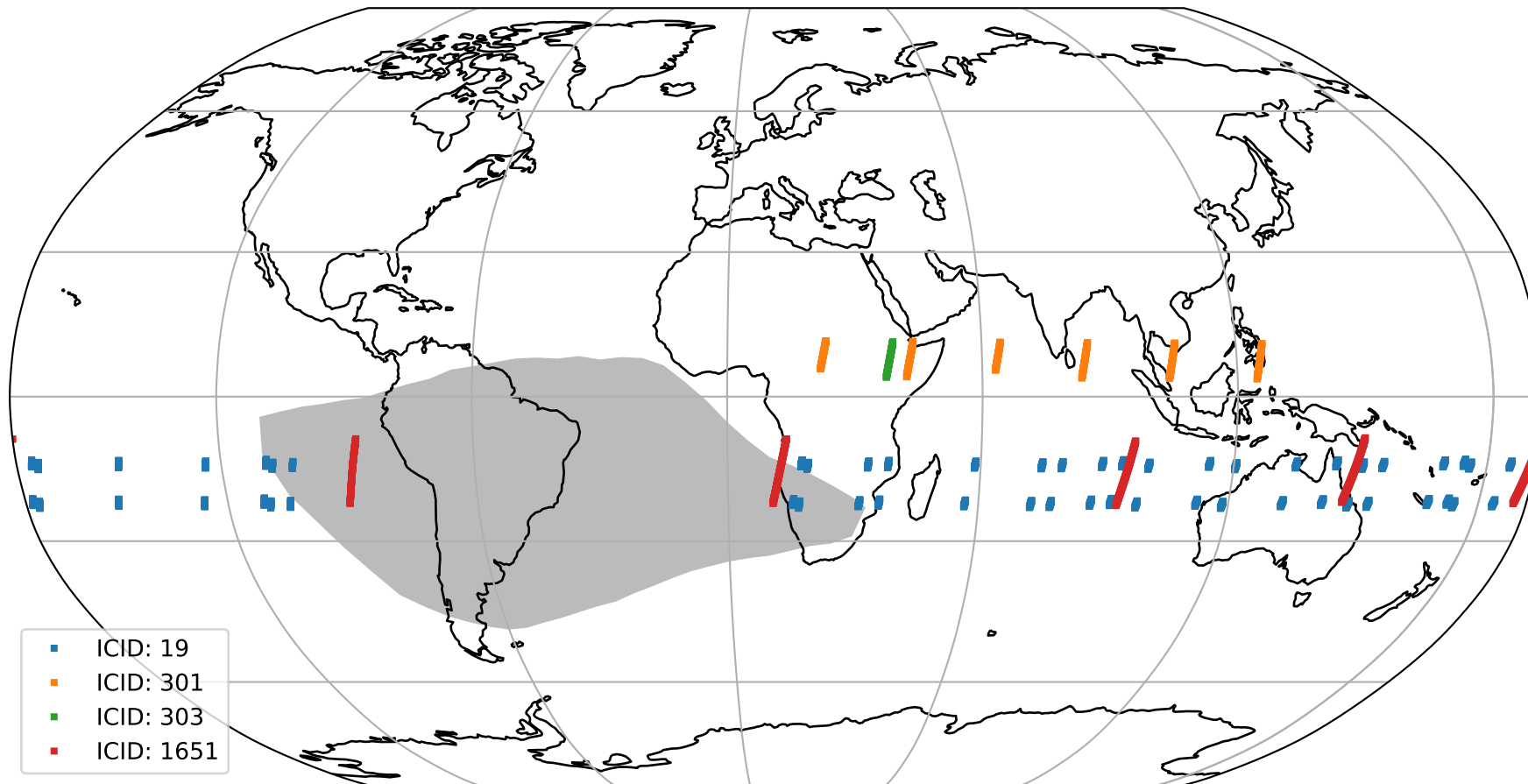
Tropomi SWIR background noise (swir)

orbits : 12 in [24457, 24547]
coverage : 2022-07-03 / 2022-07-09
median : 0.98418
spread : 0.17907
created : 2023-08-21T16:37:31



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

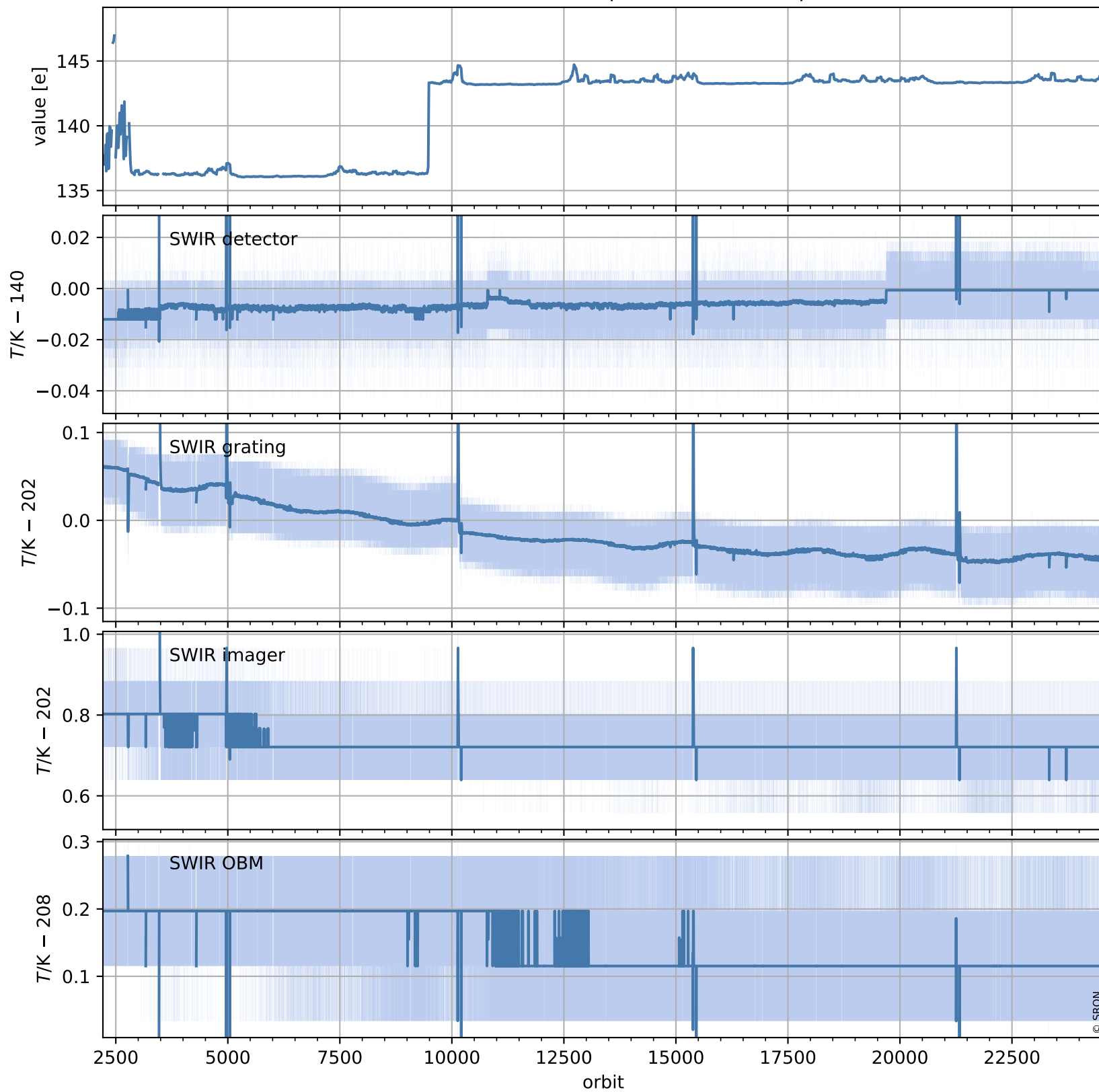
orbits : 12 in [24457, 24547]
coverage : 2022-07-03 / 2022-07-09
created : 2023-08-21T16:37:31



Tropomi SWIR background noise (swir)

orbits : [2212, 24547]
coverage : 2018-03-18 / 2022-07-09
created : 2023-08-21T16:37:32

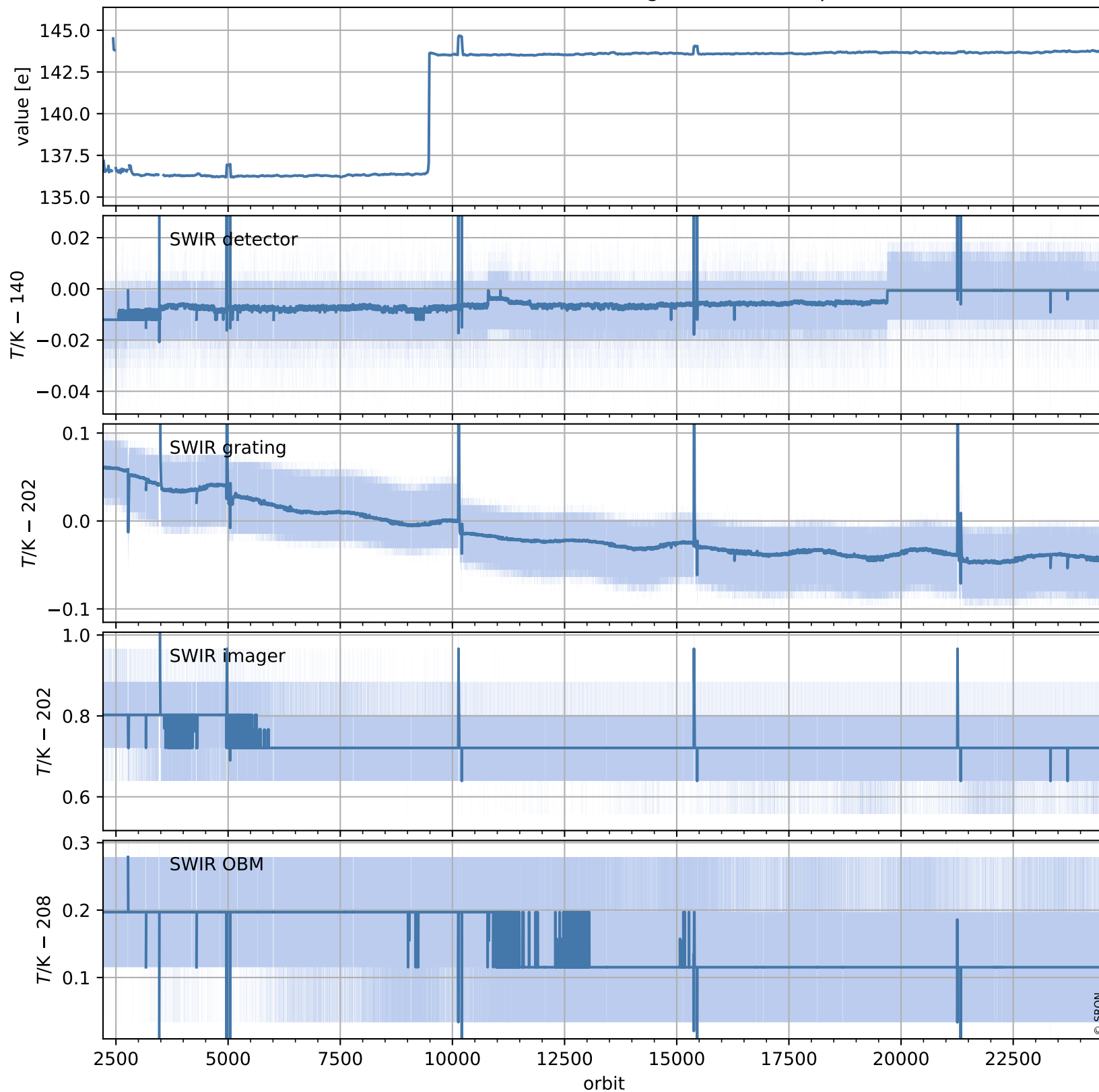
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24547]
coverage : 2018-03-18 / 2022-07-09
created : 2023-08-21T16:37:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24547]
coverage : 2018-03-18 / 2022-07-09
created : 2023-08-21T16:37:34

trend of normalized read-noise & temperatures

