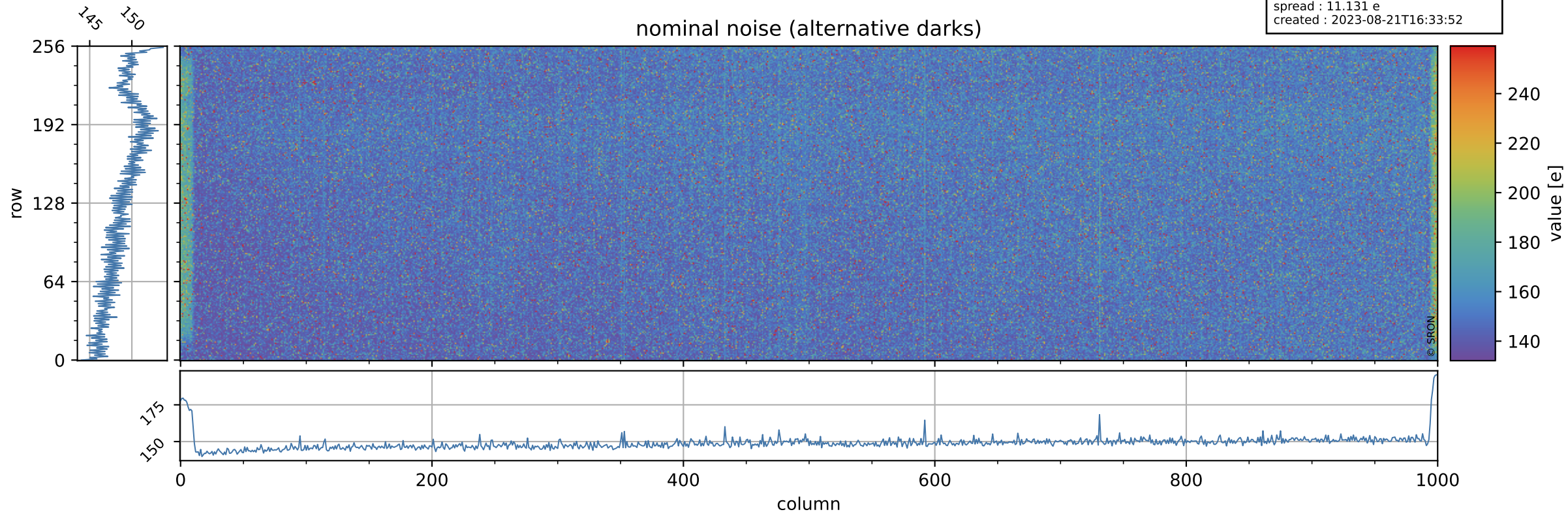


Tropomi SWIR background noise (swir)

orbits : 12 in [23902, 23992]
coverage : 2022-05-25 / 2022-05-31
n_coad, t_exp : 1, 1.0783
median : 148.78 e
spread : 11.131 e
created : 2023-08-21T16:33:52

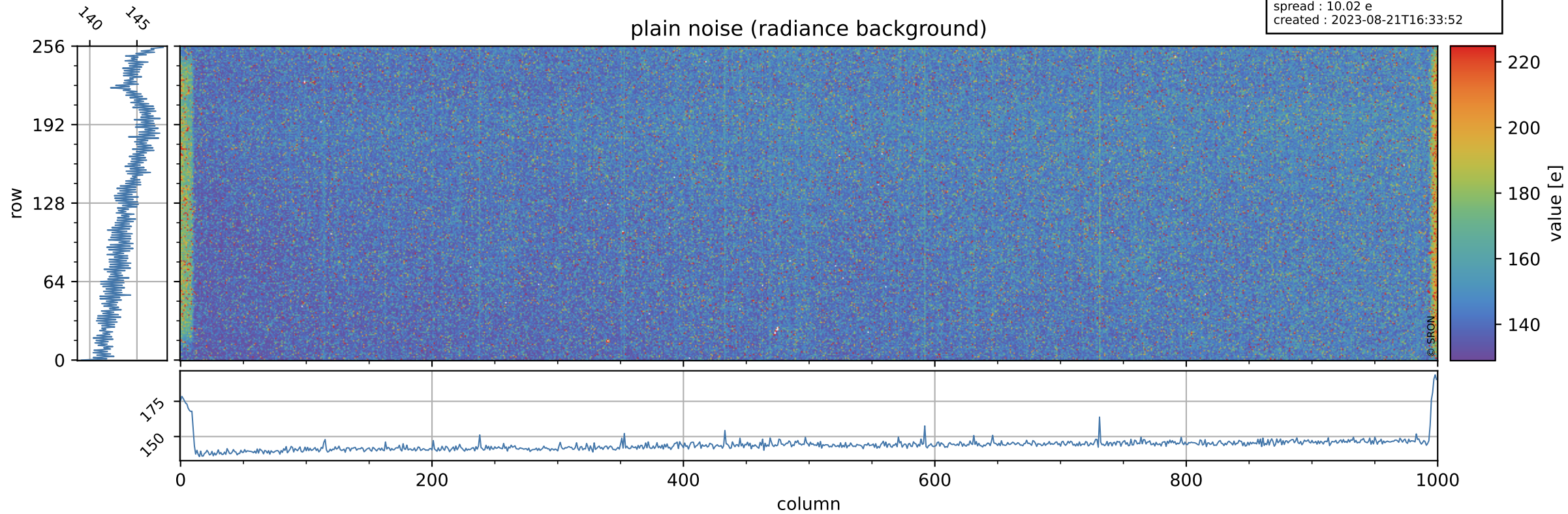
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23902, 23992]
coverage : 2022-05-25 / 2022-05-31
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 10.02 e
created : 2023-08-21T16:33:52

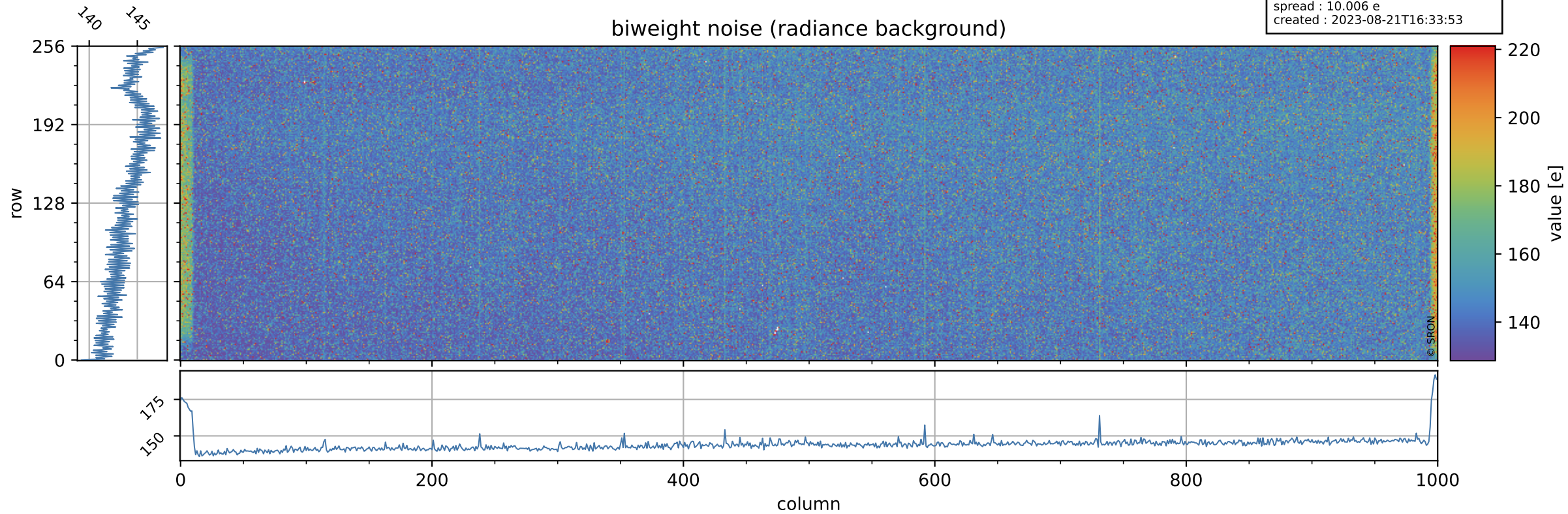
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23902, 23992]
coverage : 2022-05-25 / 2022-05-31
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 10.006 e
created : 2023-08-21T16:33:53

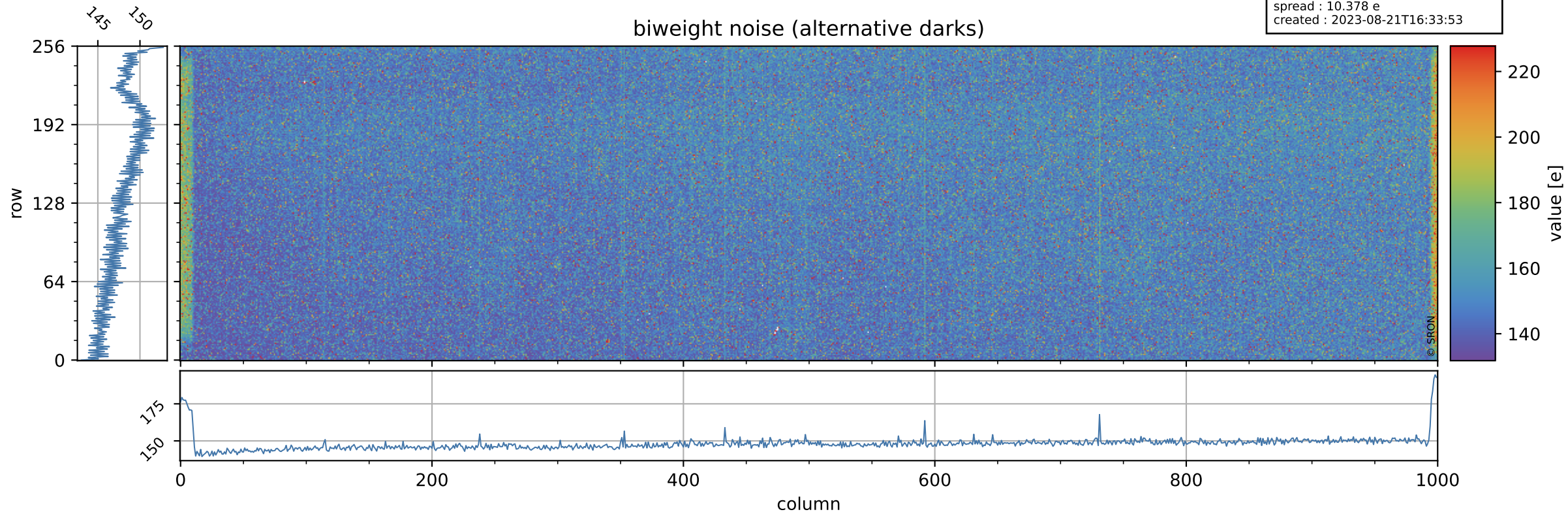
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23902, 23992]
coverage : 2022-05-25 / 2022-05-31
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.378 e
created : 2023-08-21T16:33:53

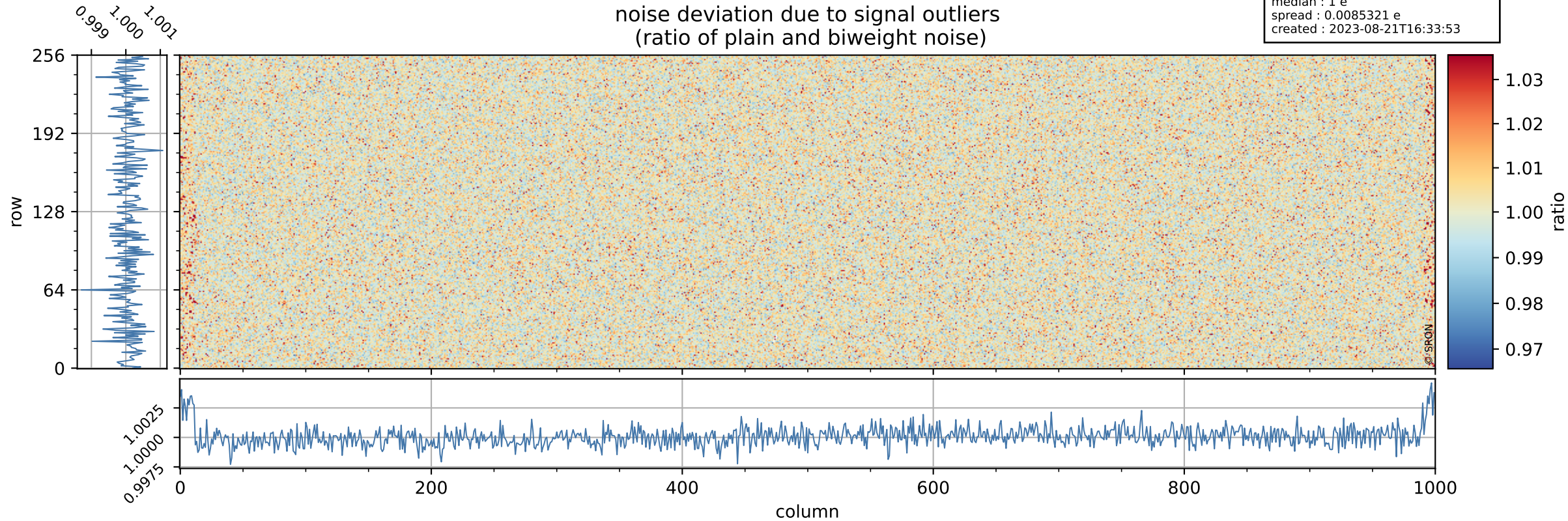
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

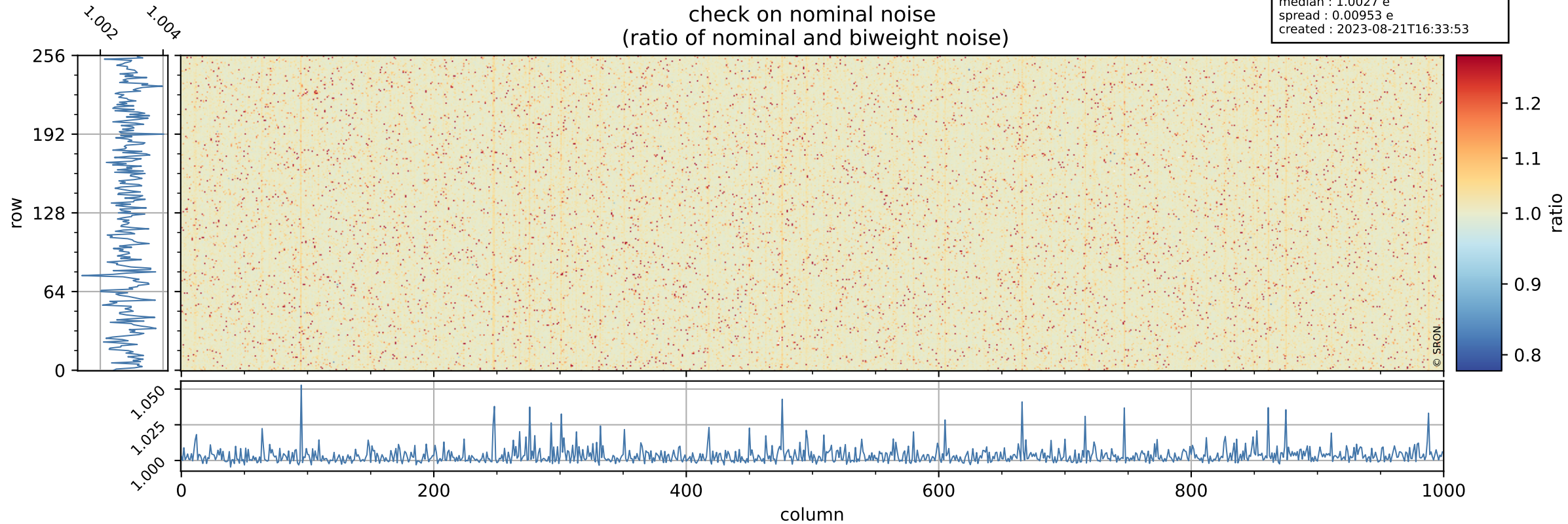
orbits : 12 in [23902, 23992]
coverage : 2022-05-25 / 2022-05-31
median : 1 e
spread : 0.0085321 e
created : 2023-08-21T16:33:53



Tropomi SWIR background noise (swir)

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

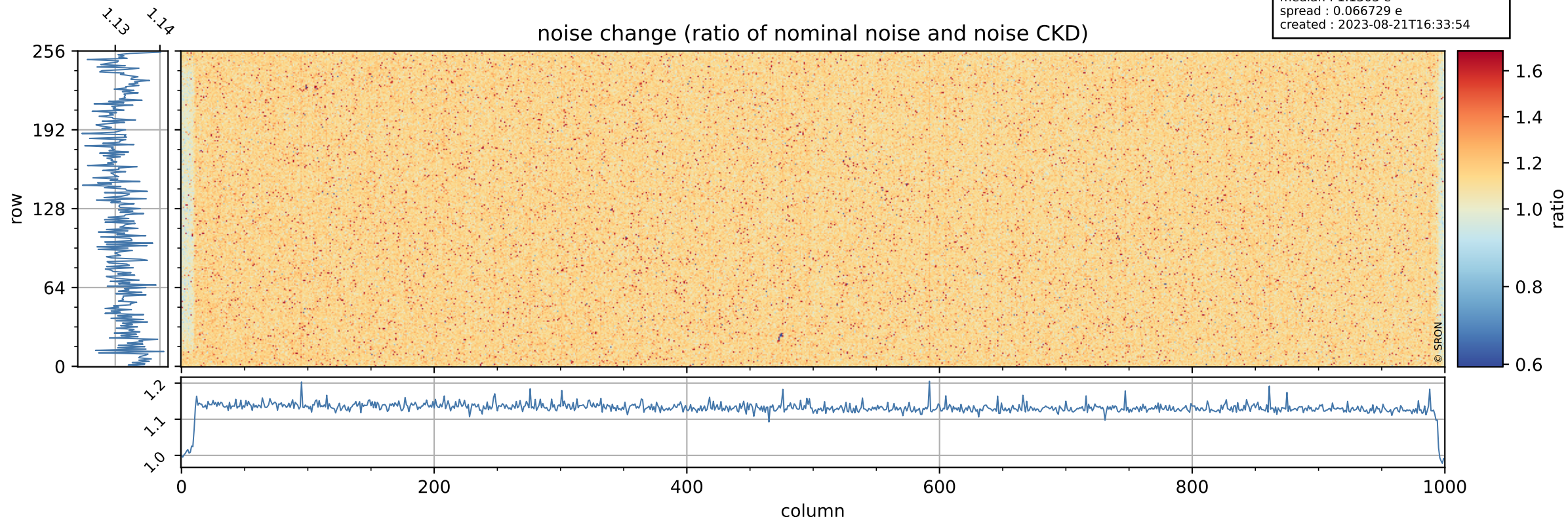
orbits : 12 in [23902, 23992]
coverage : 2022-05-25 / 2022-05-31
median : 1.0027 e
spread : 0.00953 e
created : 2023-08-21T16:33:53



Tropomi SWIR background noise (swir)

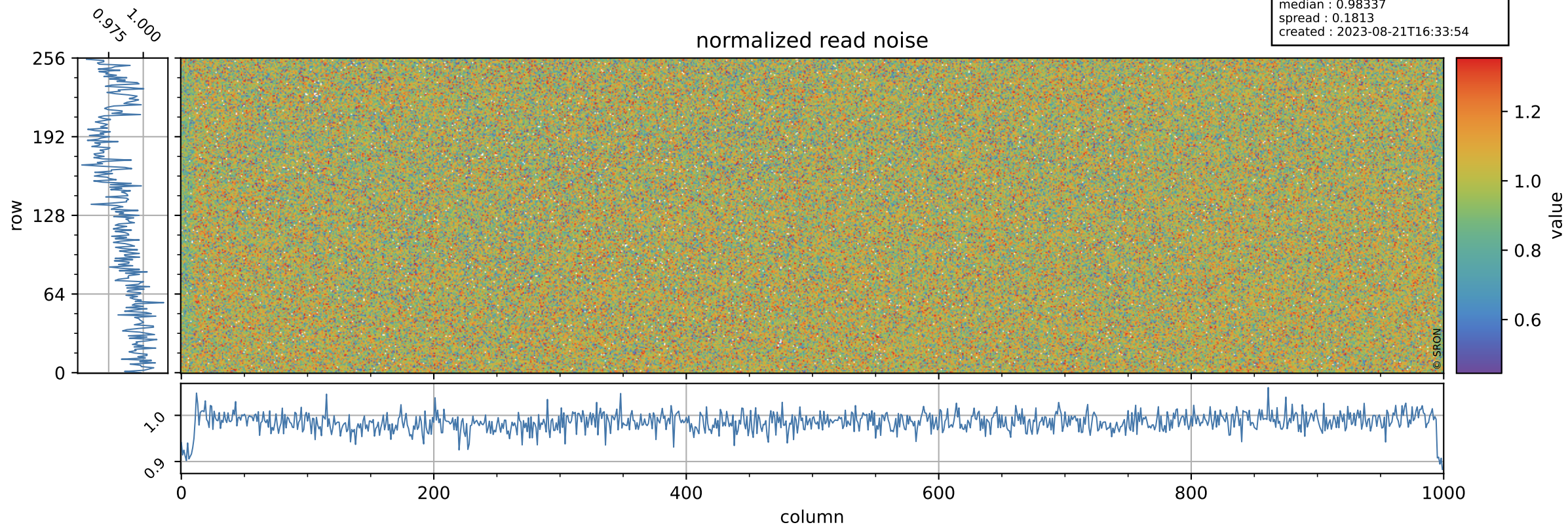
orbits : 12 in [23902, 23992]
coverage : 2022-05-25 / 2022-05-31
median : 1.1303 e
spread : 0.066729 e
created : 2023-08-21T16:33:54

noise change (ratio of nominal noise and noise CKD)



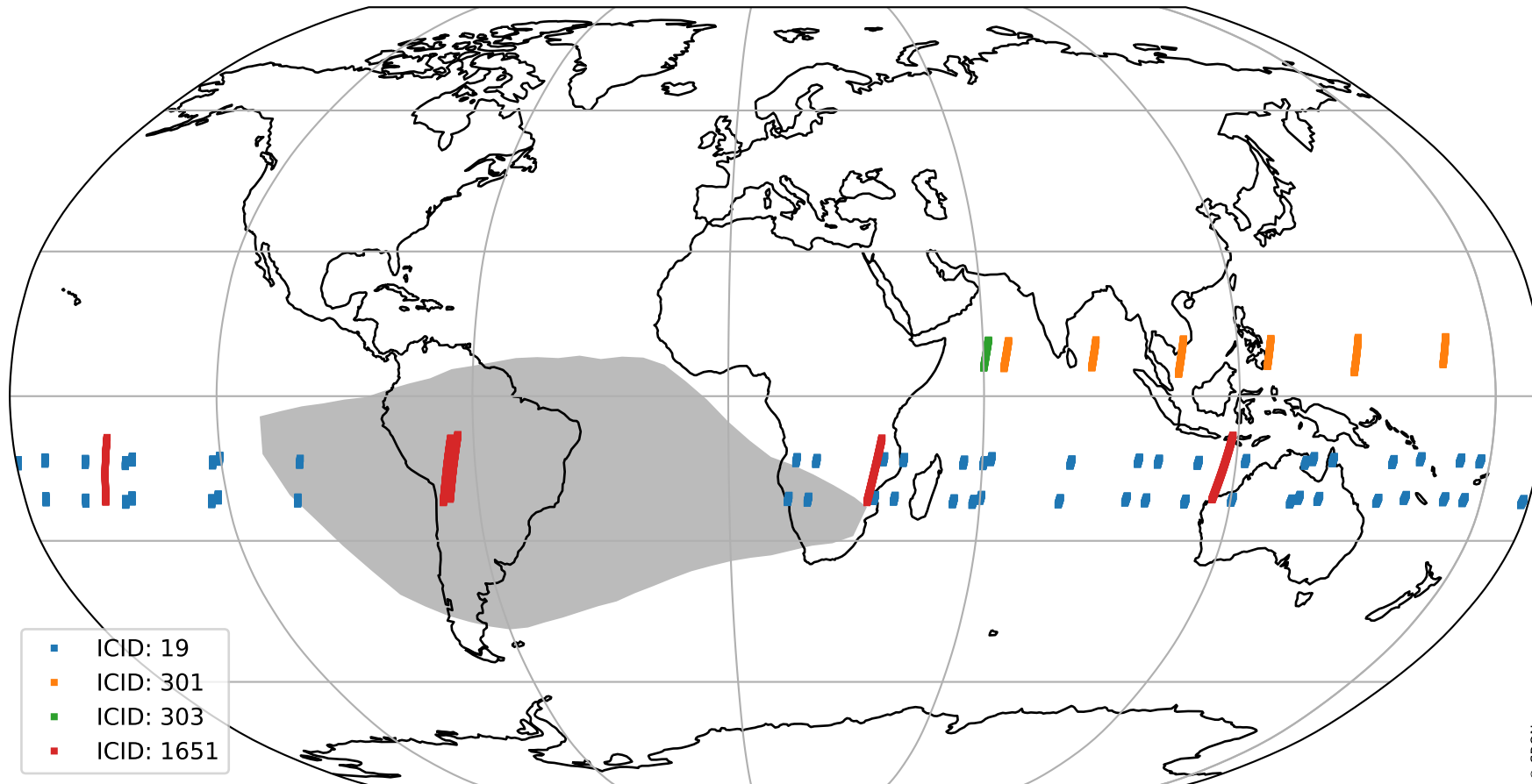
Tropomi SWIR background noise (swir)

orbits : 12 in [23902, 23992]
coverage : 2022-05-25 / 2022-05-31
median : 0.98337
spread : 0.1813
created : 2023-08-21T16:33:54



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

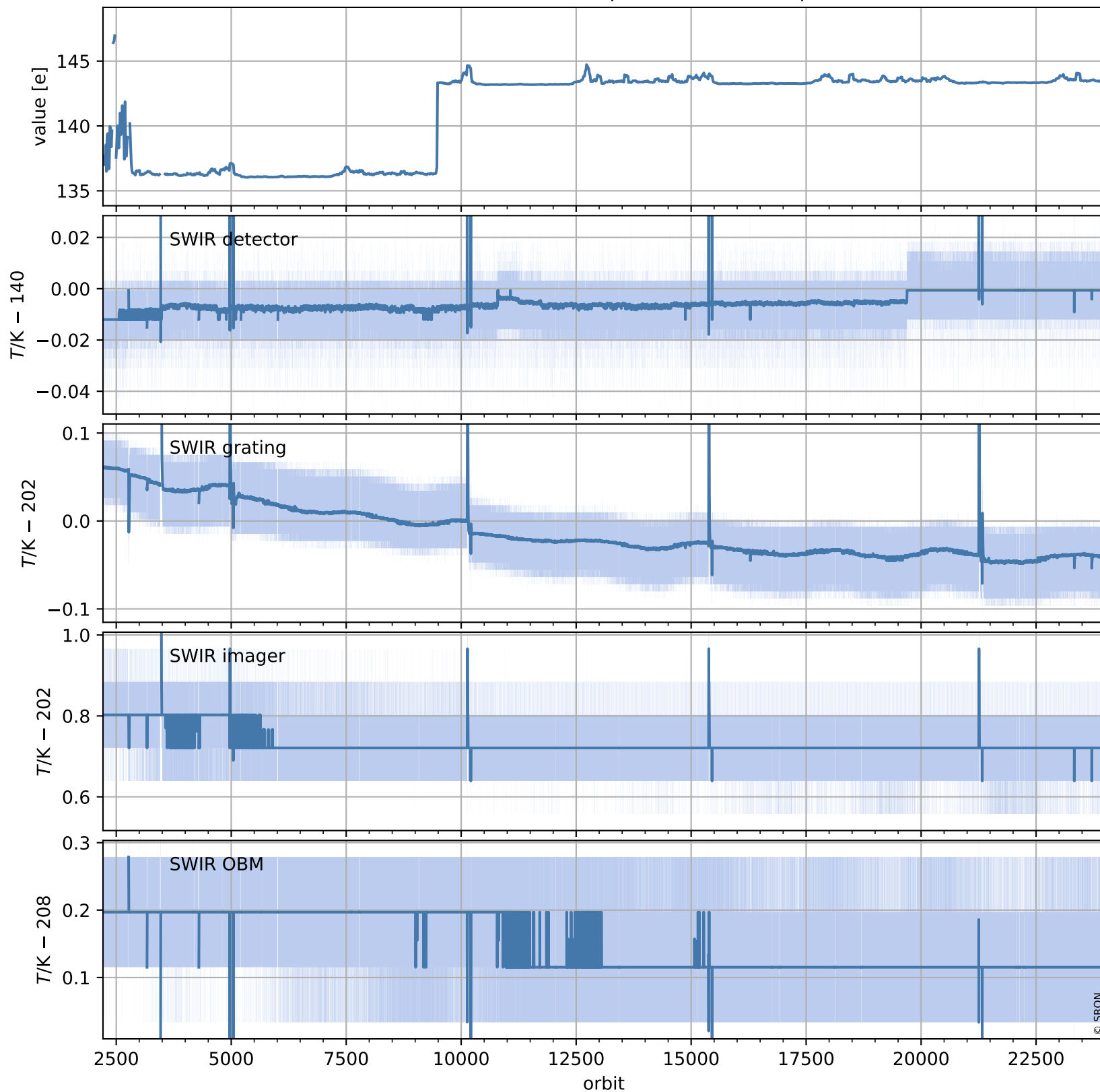
orbits : 12 in [23902, 23992]
coverage : 2022-05-25 / 2022-05-31
created : 2023-08-21T16:33:54



Tropomi SWIR background noise (swir)

orbits : [2212, 23992]
coverage : 2018-03-18 / 2022-05-31
created : 2023-08-21T16:33:55

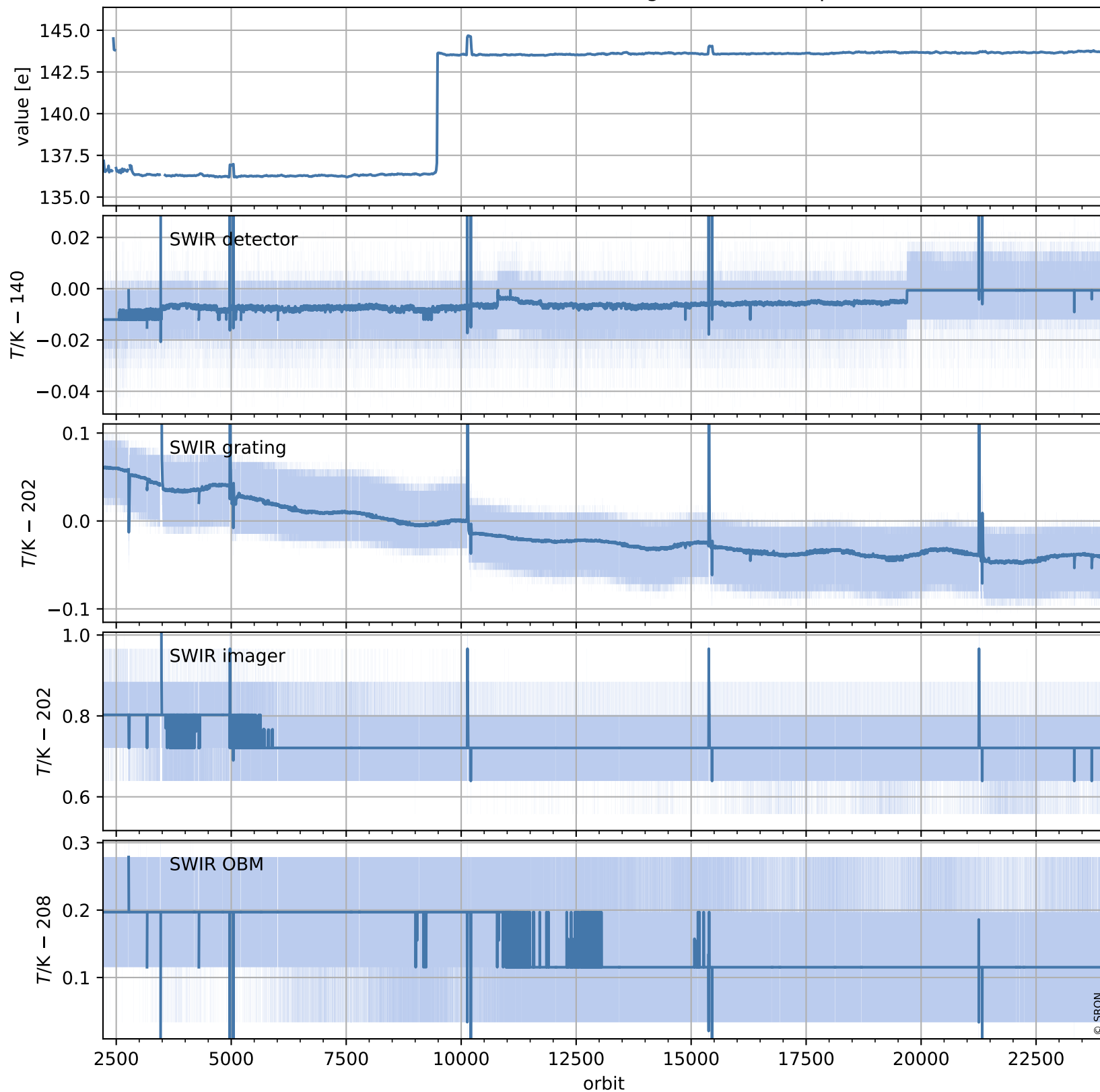
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23992]
coverage : 2018-03-18 / 2022-05-31
created : 2023-08-21T16:33:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23992]
coverage : 2018-03-18 / 2022-05-31
created : 2023-08-21T16:33:56

trend of normalized read-noise & temperatures

