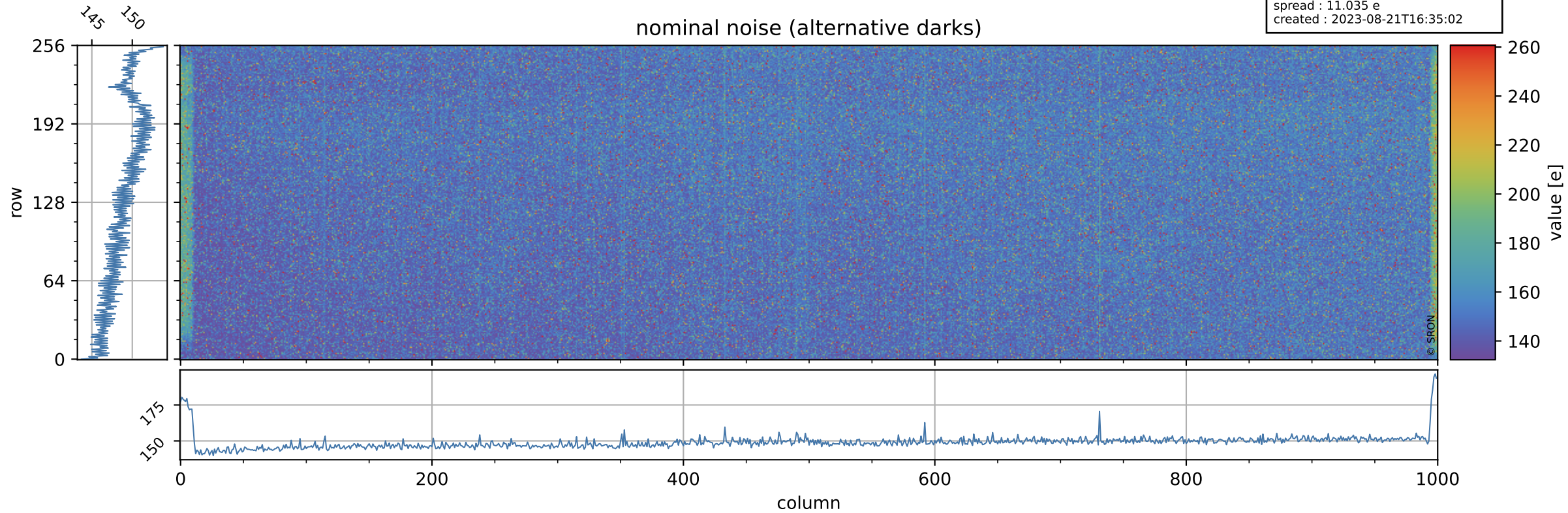


Tropomi SWIR background noise (swir)

orbits : 12 in [24082, 24172]
coverage : 2022-06-07 / 2022-06-12
n_coad, t_exp : 1, 1.0783
median : 148.83 e
spread : 11.035 e
created : 2023-08-21T16:35:02

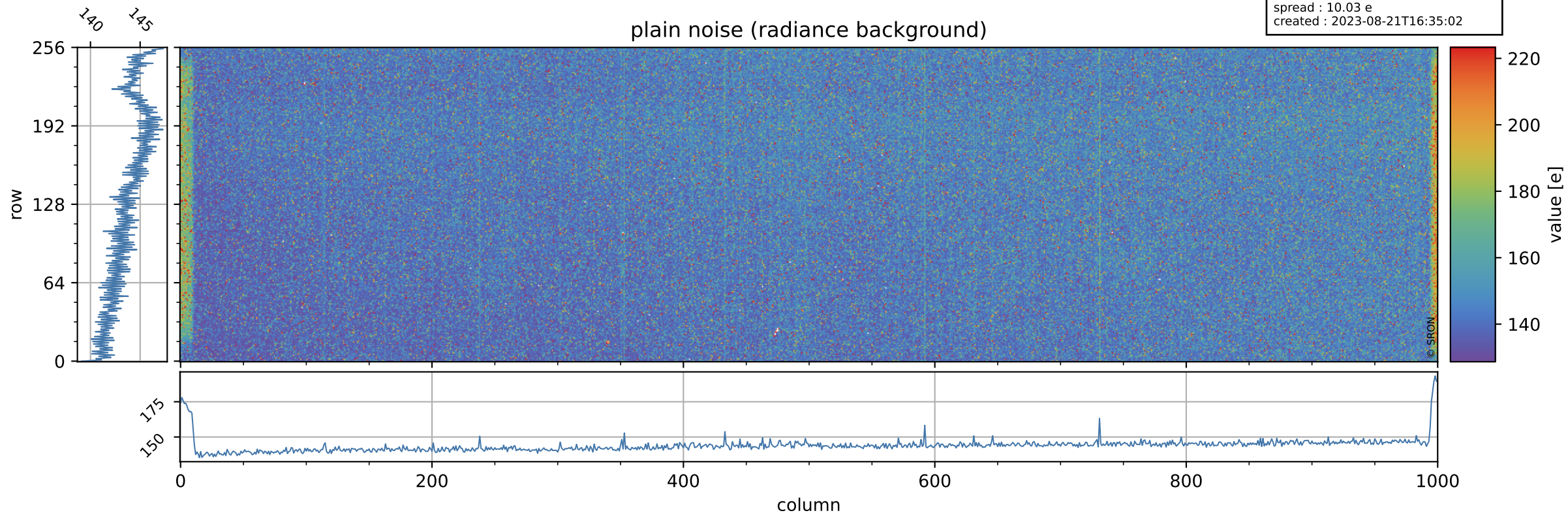
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24082, 24172]
coverage : 2022-06-07 / 2022-06-12
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 10.03 e
created : 2023-08-21T16:35:02

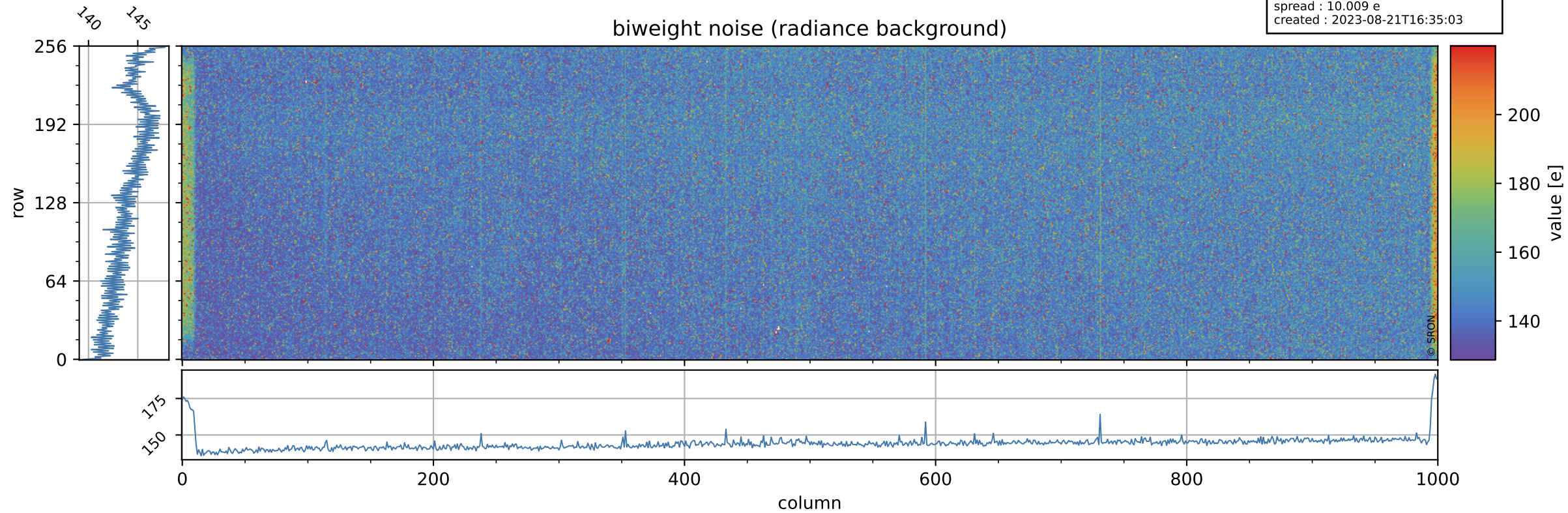
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24082, 24172]
coverage : 2022-06-07 / 2022-06-12
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 10.009 e
created : 2023-08-21T16:35:03

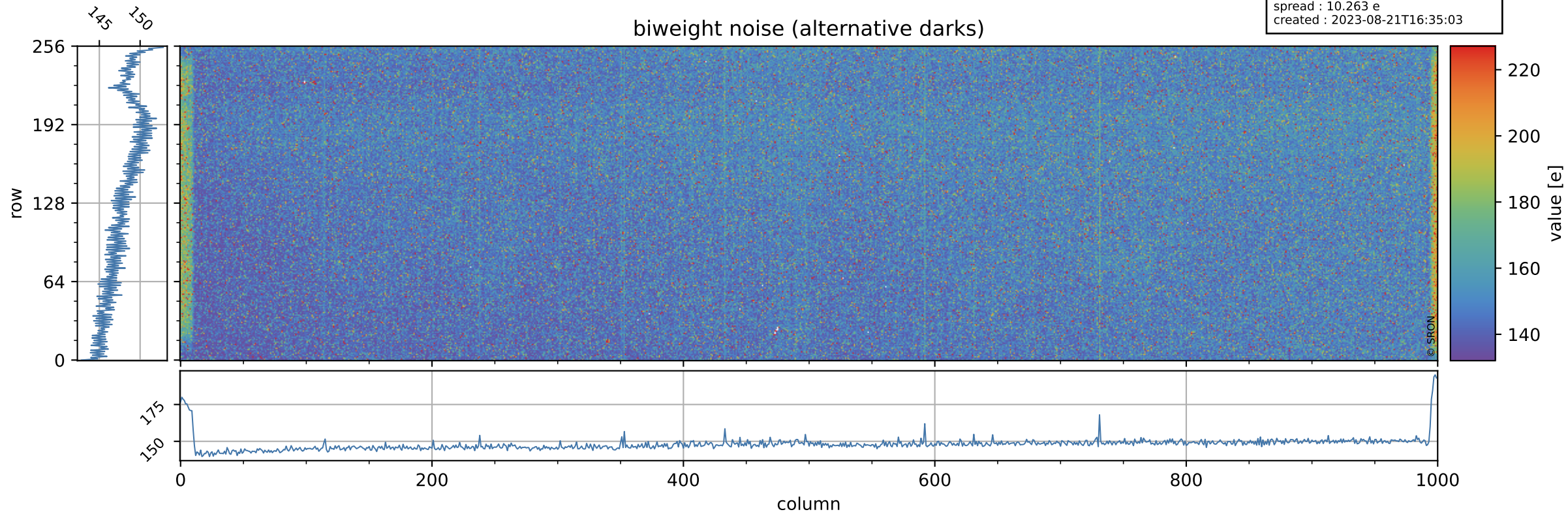
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24082, 24172]
coverage : 2022-06-07 / 2022-06-12
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.263 e
created : 2023-08-21T16:35:03

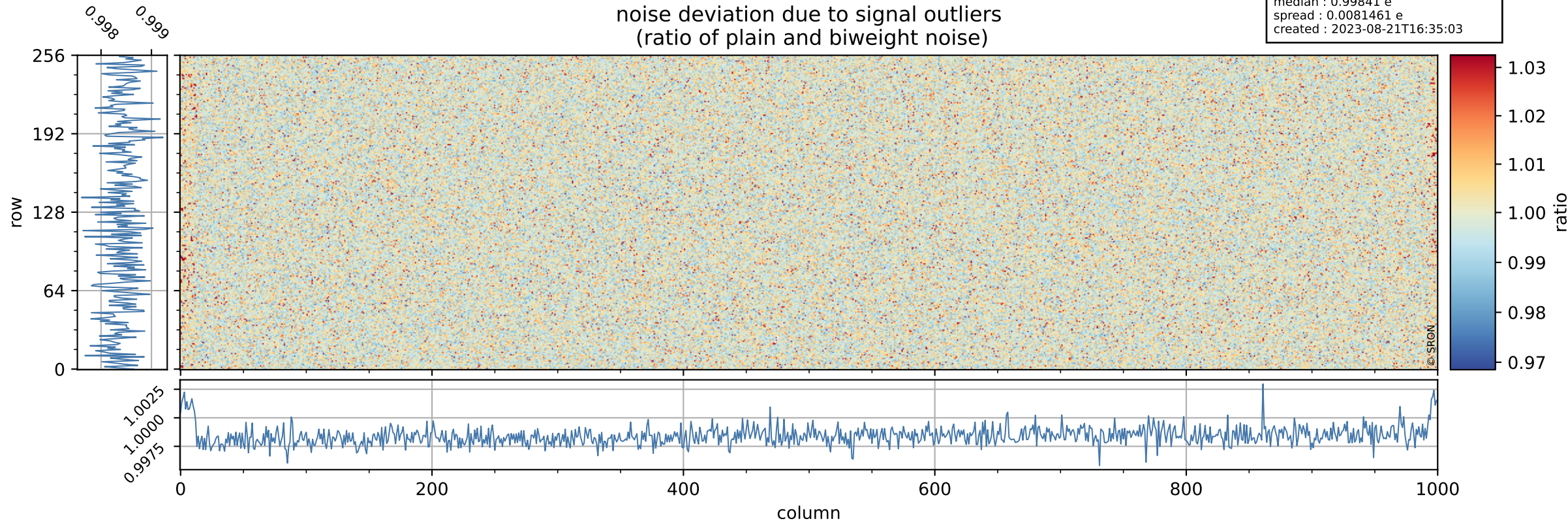
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

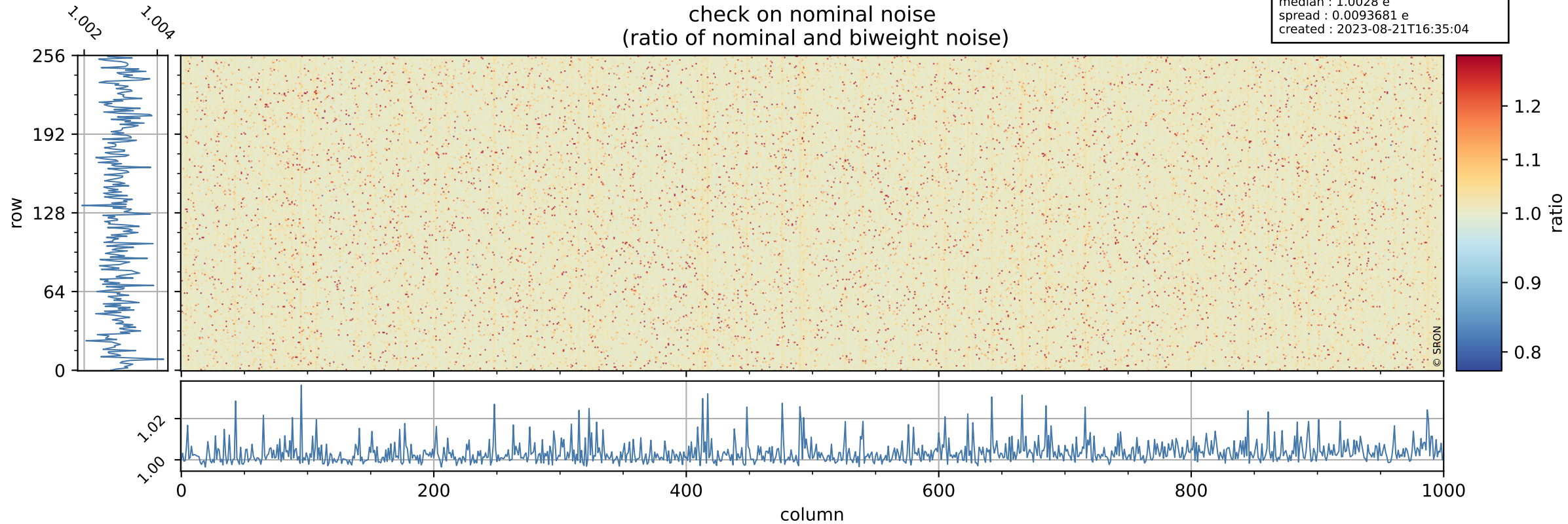
orbits : 12 in [24082, 24172]
coverage : 2022-06-07 / 2022-06-12
median : 0.99841 e
spread : 0.0081461 e
created : 2023-08-21T16:35:03



Tropomi SWIR background noise (swir)

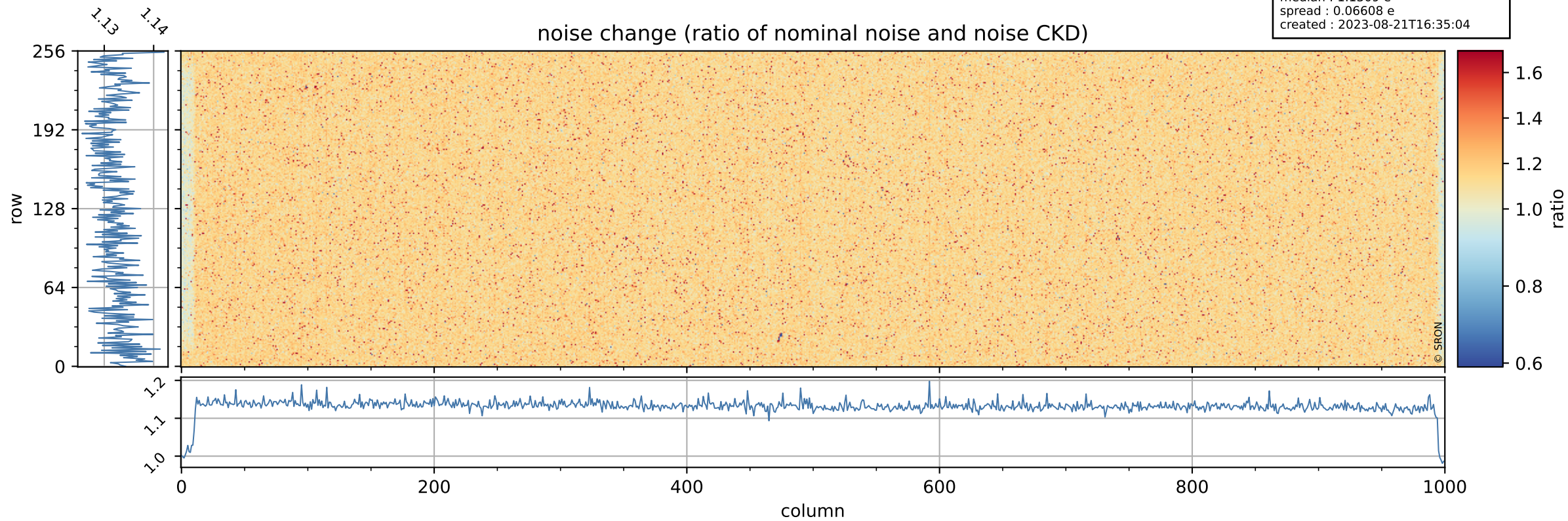
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24082, 24172]
coverage : 2022-06-07 / 2022-06-12
median : 1.0028 e
spread : 0.0093681 e
created : 2023-08-21T16:35:04



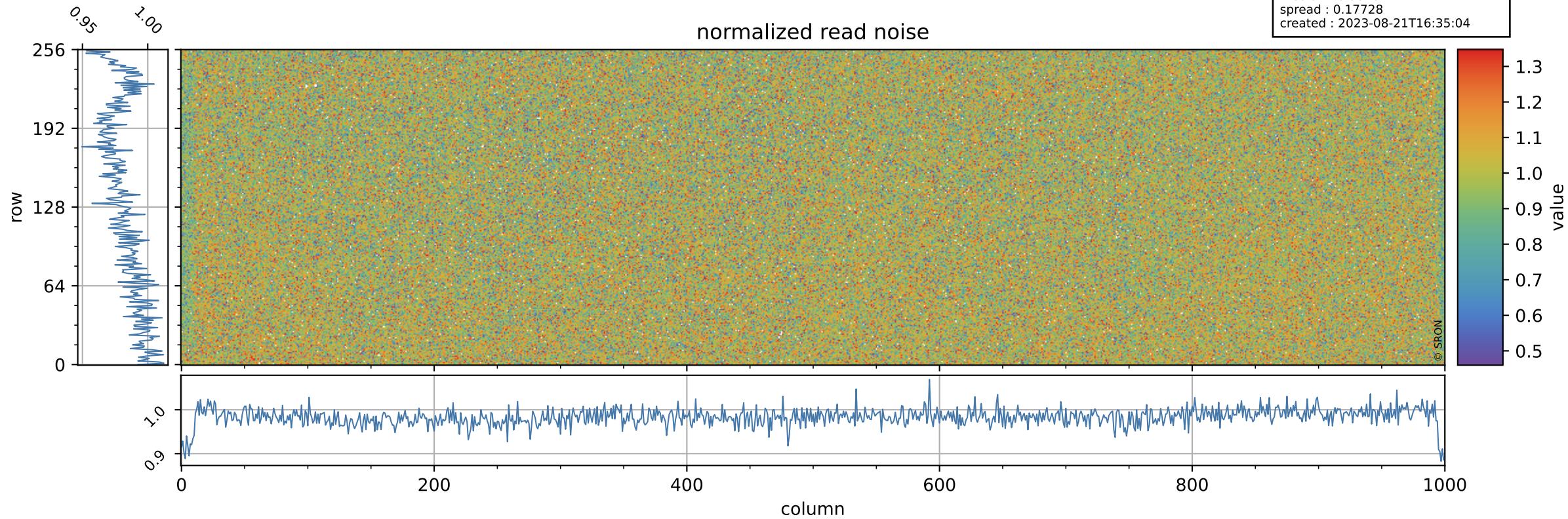
Tropomi SWIR background noise (swir)

orbits : 12 in [24082, 24172]
coverage : 2022-06-07 / 2022-06-12
median : 1.1309 e
spread : 0.06608 e
created : 2023-08-21T16:35:04



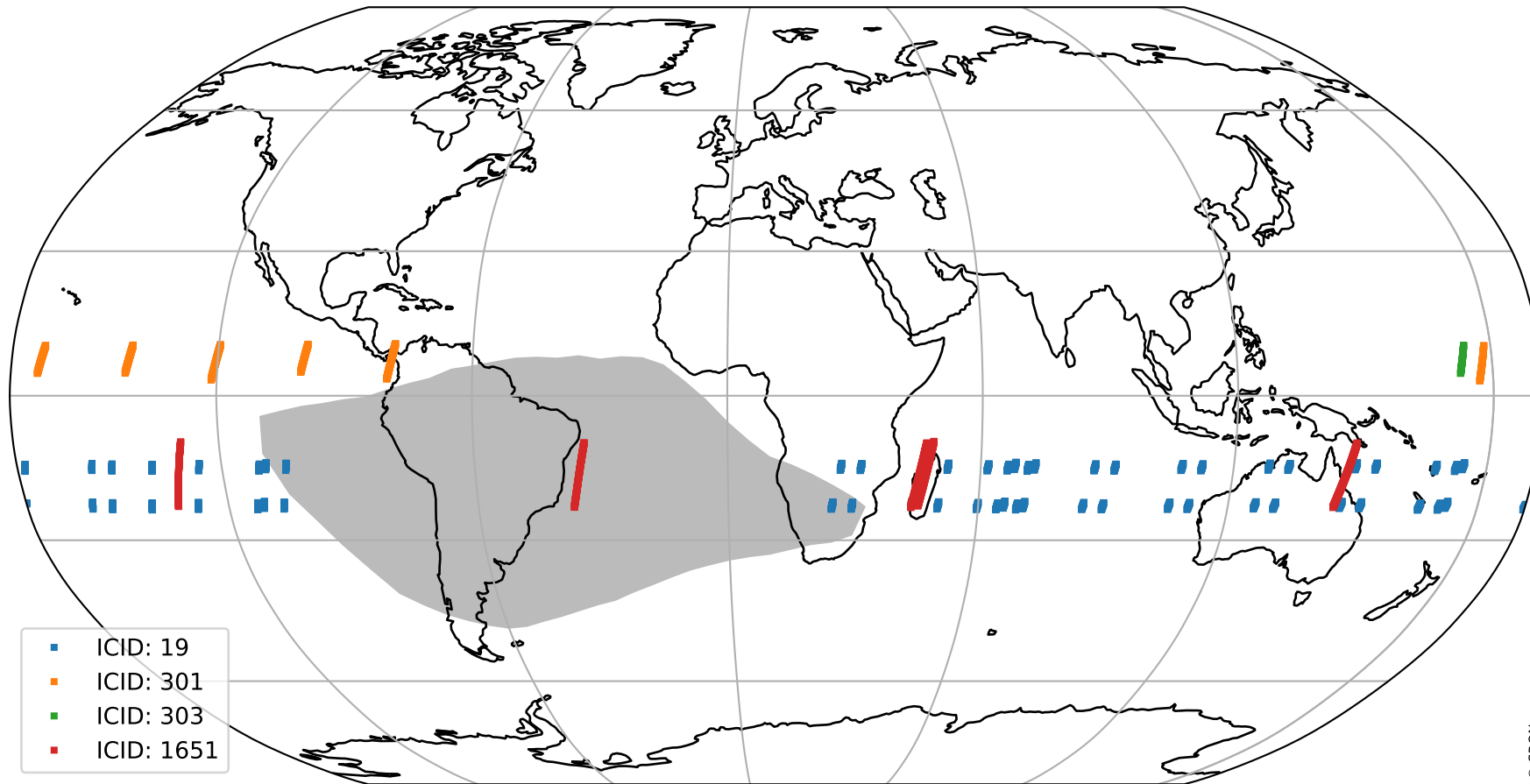
Tropomi SWIR background noise (swir)

orbits : 12 in [24082, 24172]
coverage : 2022-06-07 / 2022-06-12
median : 0.98167
spread : 0.17728
created : 2023-08-21T16:35:04



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

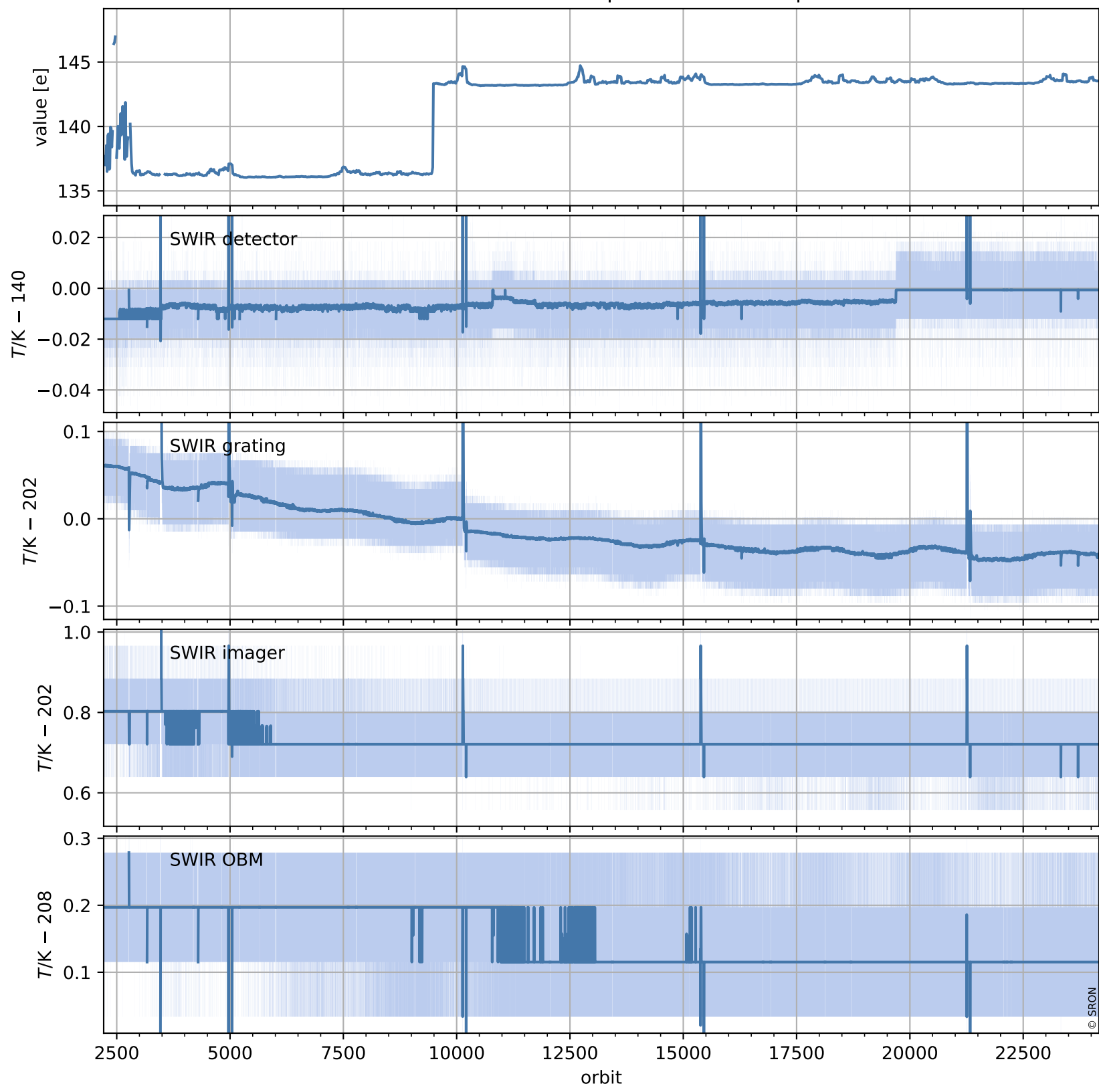
orbits : 12 in [24082, 24172]
coverage : 2022-06-07 / 2022-06-12
created : 2023-08-21T16:35:04



Tropomi SWIR background noise (swir)

orbits : [2212, 24172]
coverage : 2018-03-18 / 2022-06-12
created : 2023-08-21T16:35:05

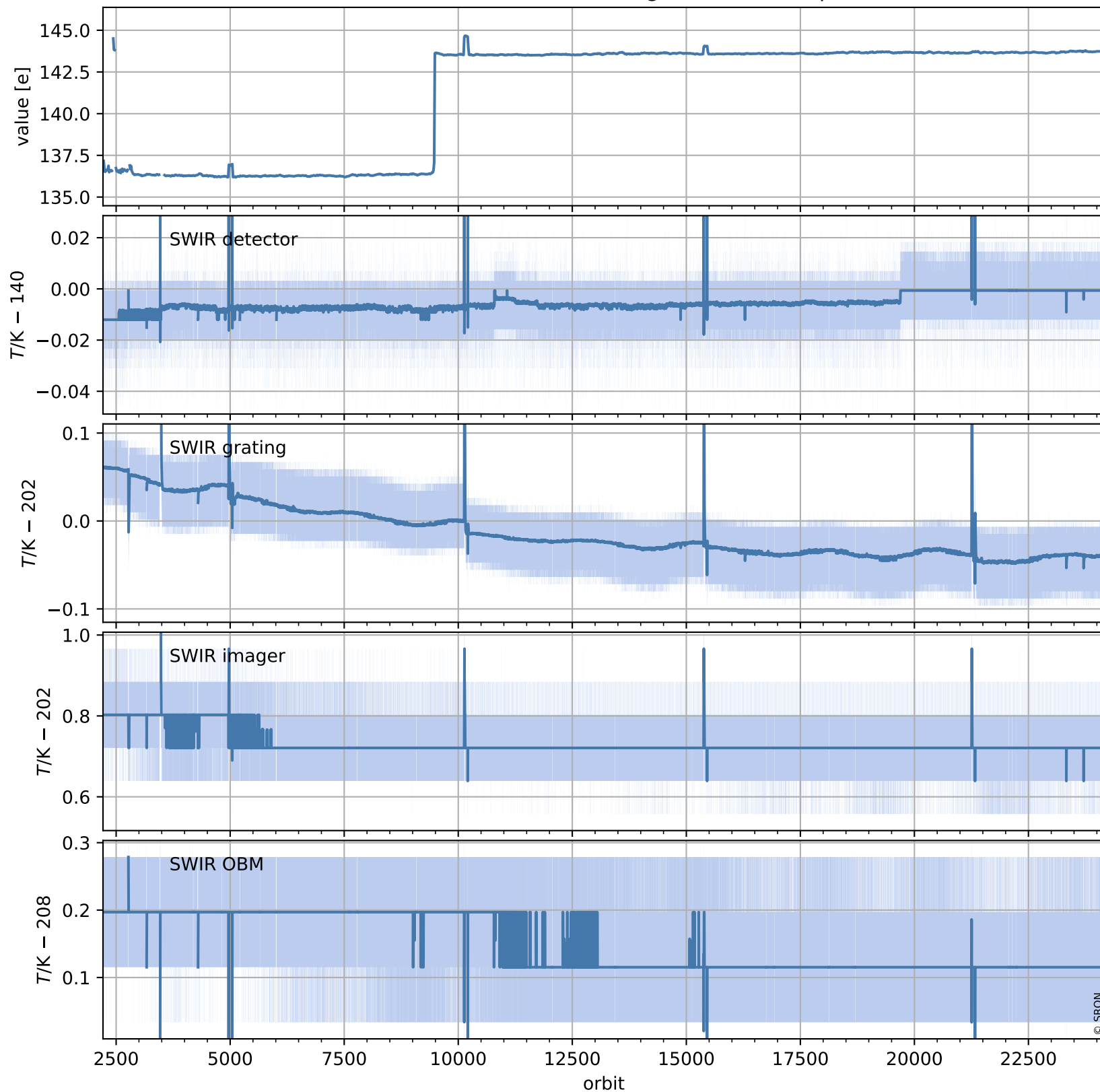
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24172]
coverage : 2018-03-18 / 2022-06-12
created : 2023-08-21T16:35:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24172]
coverage : 2018-03-18 / 2022-06-12
created : 2023-08-21T16:35:07

trend of normalized read-noise & temperatures

