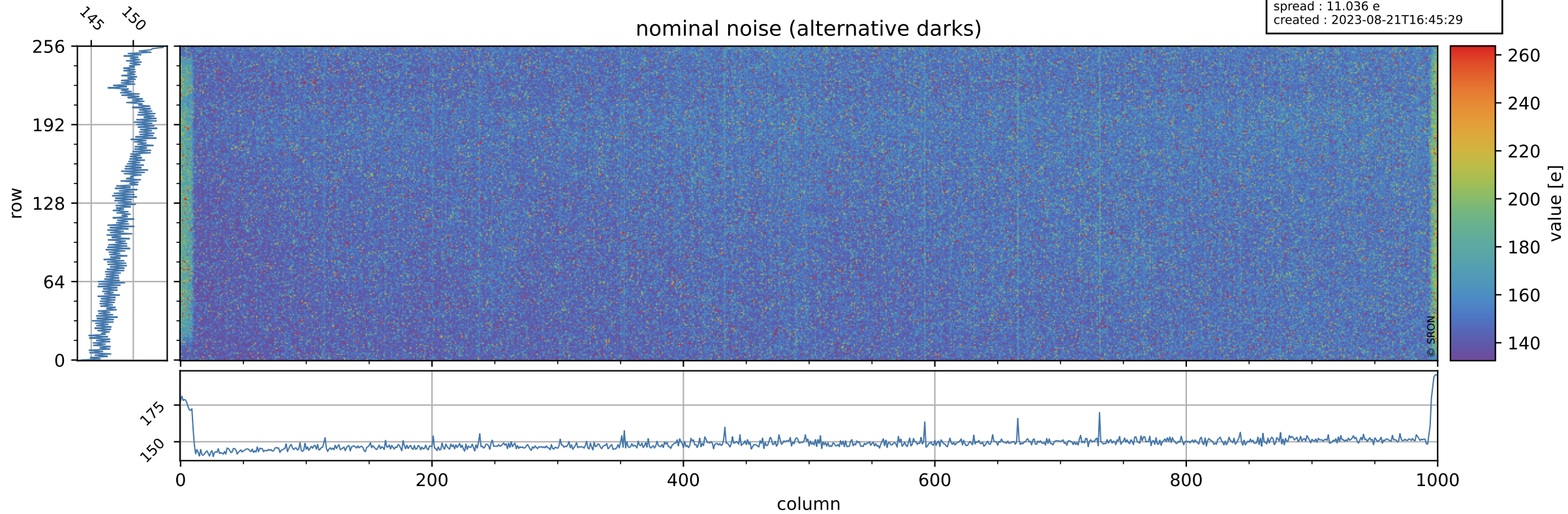


Tropomi SWIR background noise (swir)

orbits : 12 in [25777, 25867]
coverage : 2022-10-04 / 2022-10-10
n_coad, t_exp : 1, 1.0783
median : 148.87 e
spread : 11.036 e
created : 2023-08-21T16:45:29

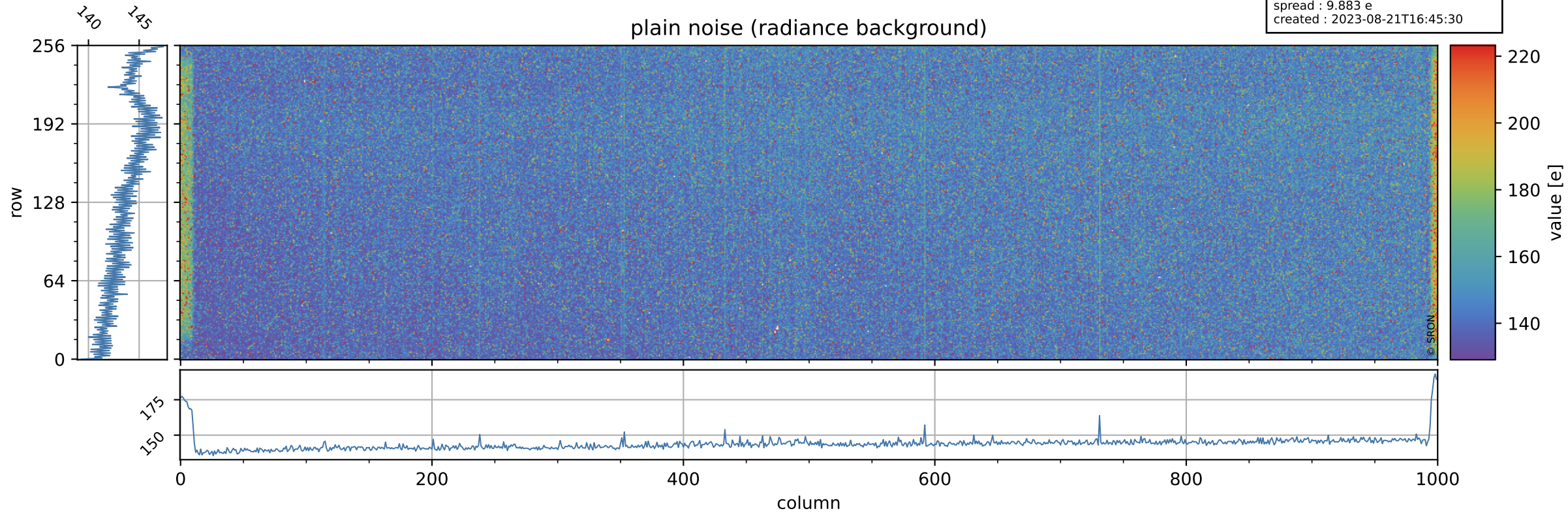
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25777, 25867]
coverage : 2022-10-04 / 2022-10-10
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.883 e
created : 2023-08-21T16:45:30

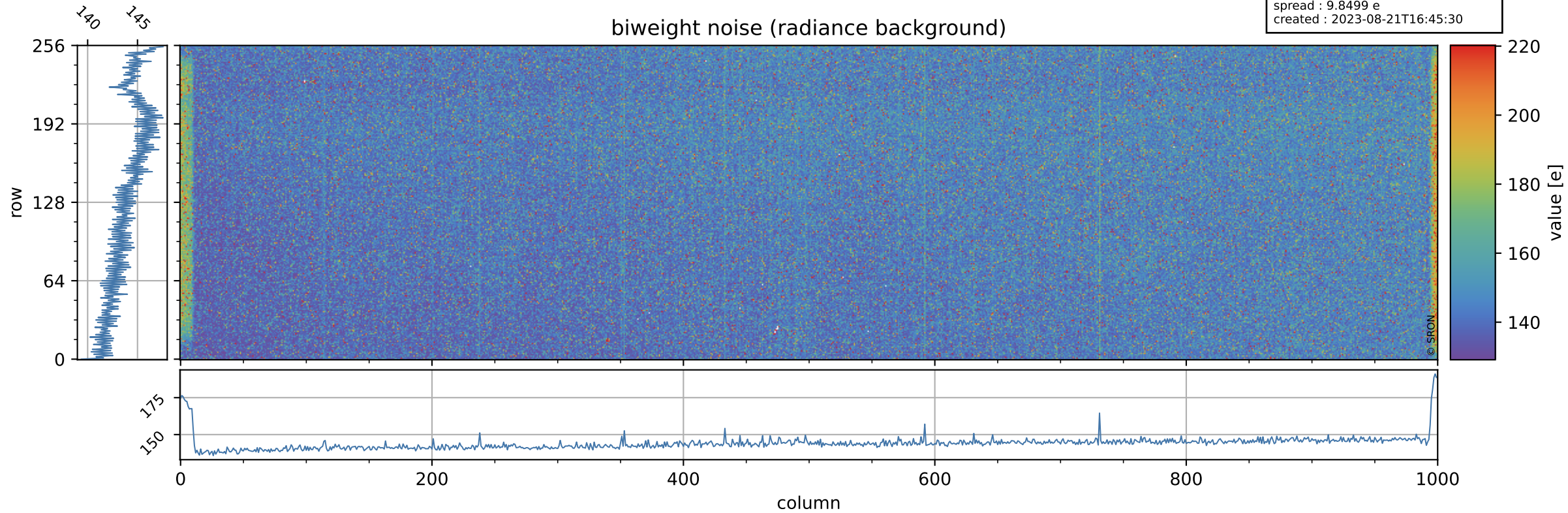
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25777, 25867]
coverage : 2022-10-04 / 2022-10-10
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.8499 e
created : 2023-08-21T16:45:30

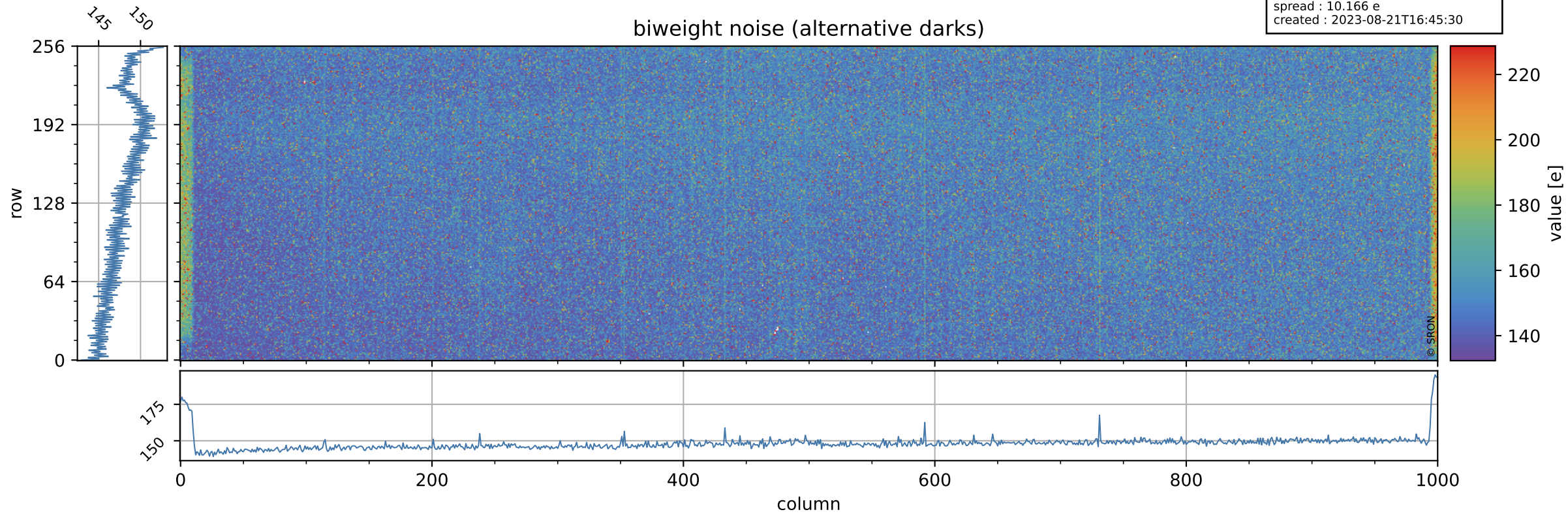
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25777, 25867]
coverage : 2022-10-04 / 2022-10-10
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.166 e
created : 2023-08-21T16:45:30

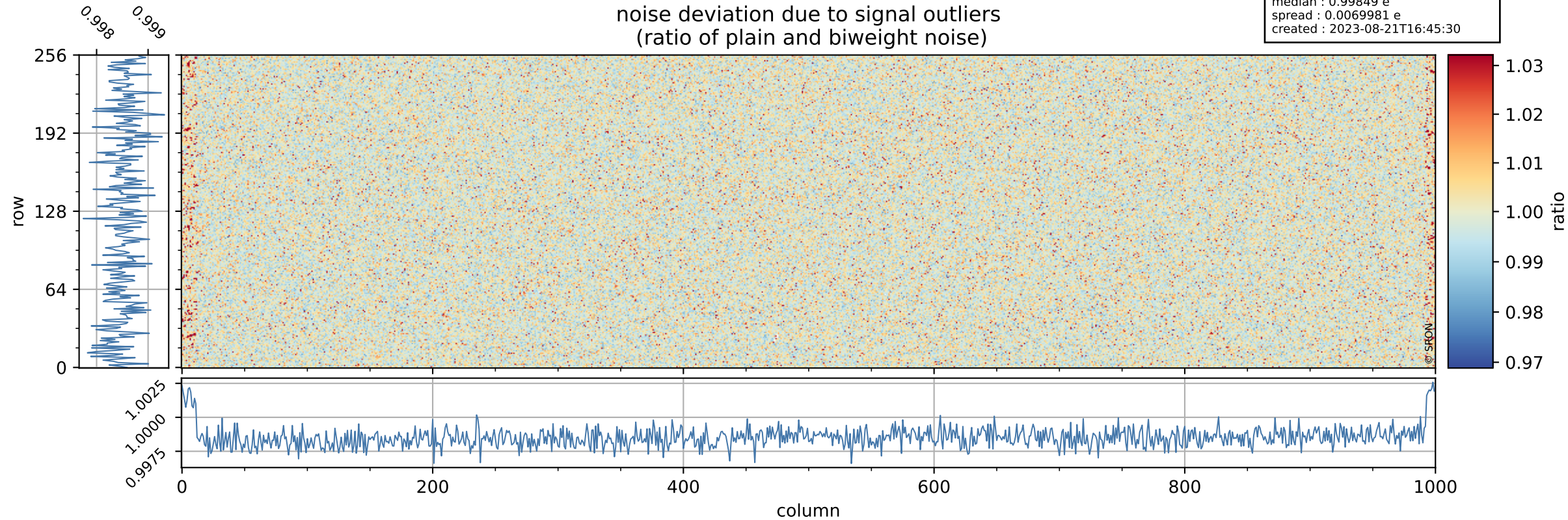
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

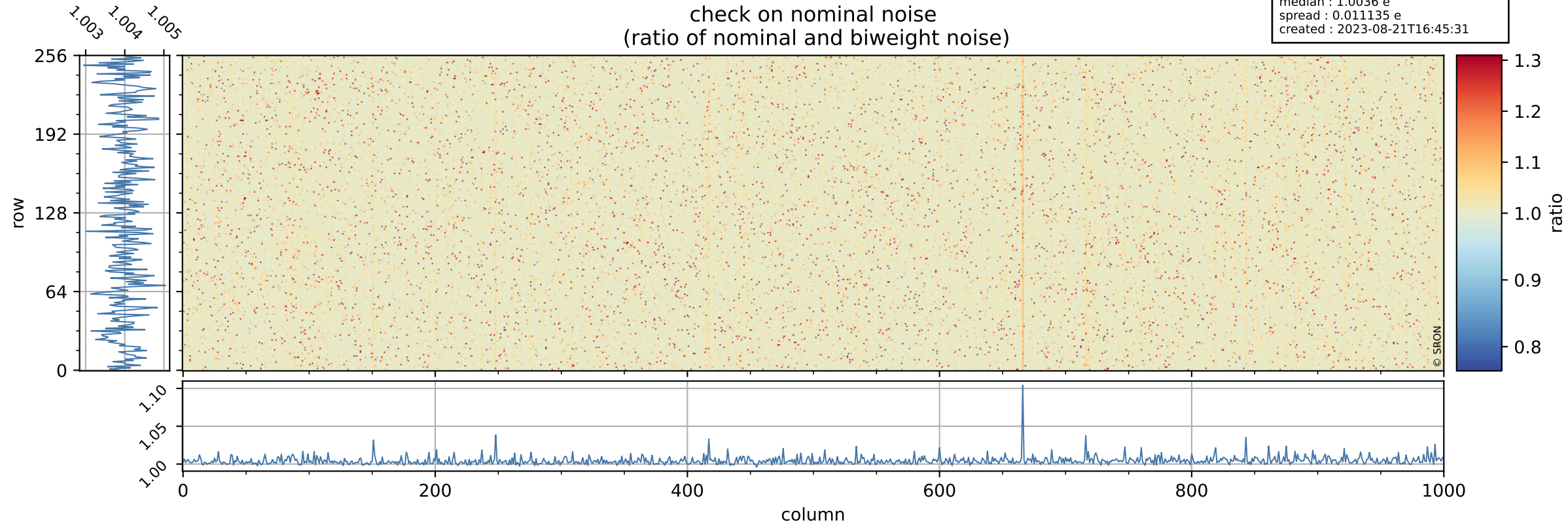
orbits : 12 in [25777, 25867]
coverage : 2022-10-04 / 2022-10-10
median : 0.99849 e
spread : 0.0069981 e
created : 2023-08-21T16:45:30



Tropomi SWIR background noise (swir)

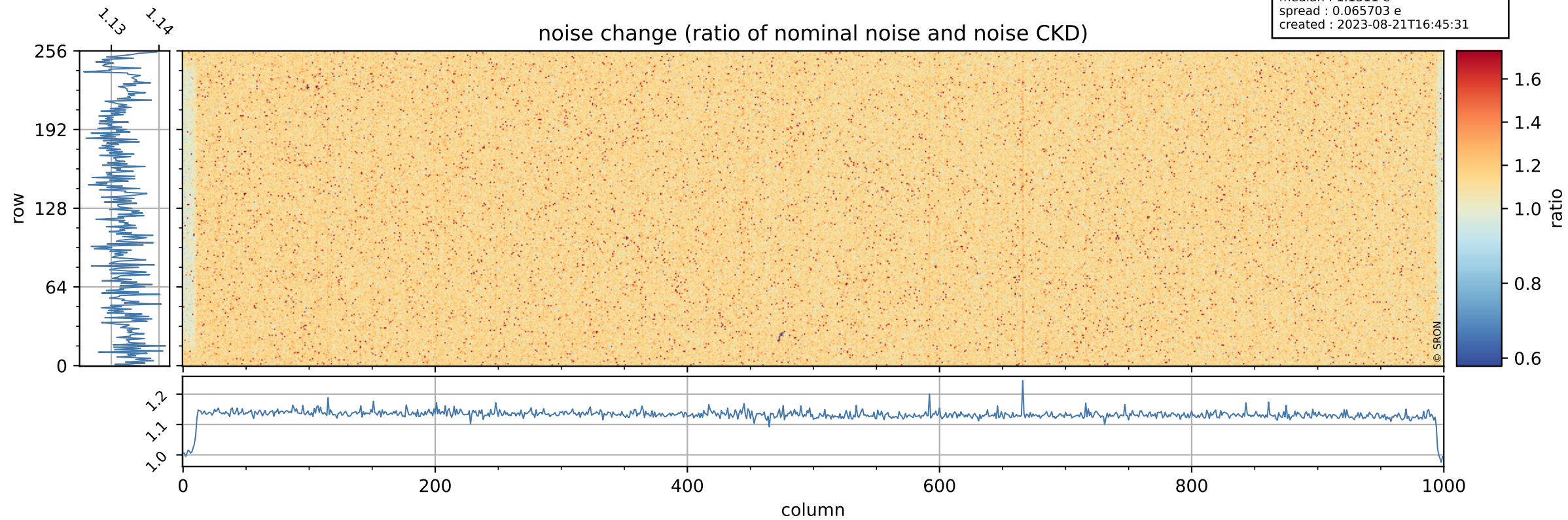
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25777, 25867]
coverage : 2022-10-04 / 2022-10-10
median : 1.0036 e
spread : 0.011135 e
created : 2023-08-21T16:45:31



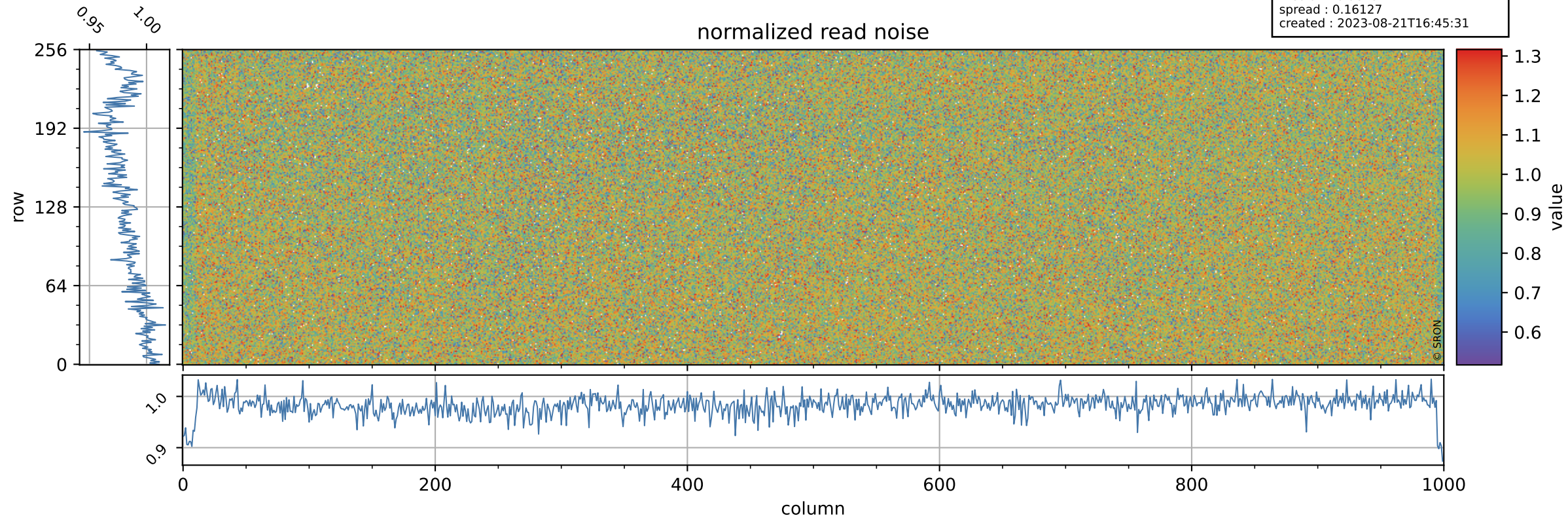
Tropomi SWIR background noise (swir)

orbits : 12 in [25777, 25867]
coverage : 2022-10-04 / 2022-10-10
median : 1.1311 e
spread : 0.065703 e
created : 2023-08-21T16:45:31



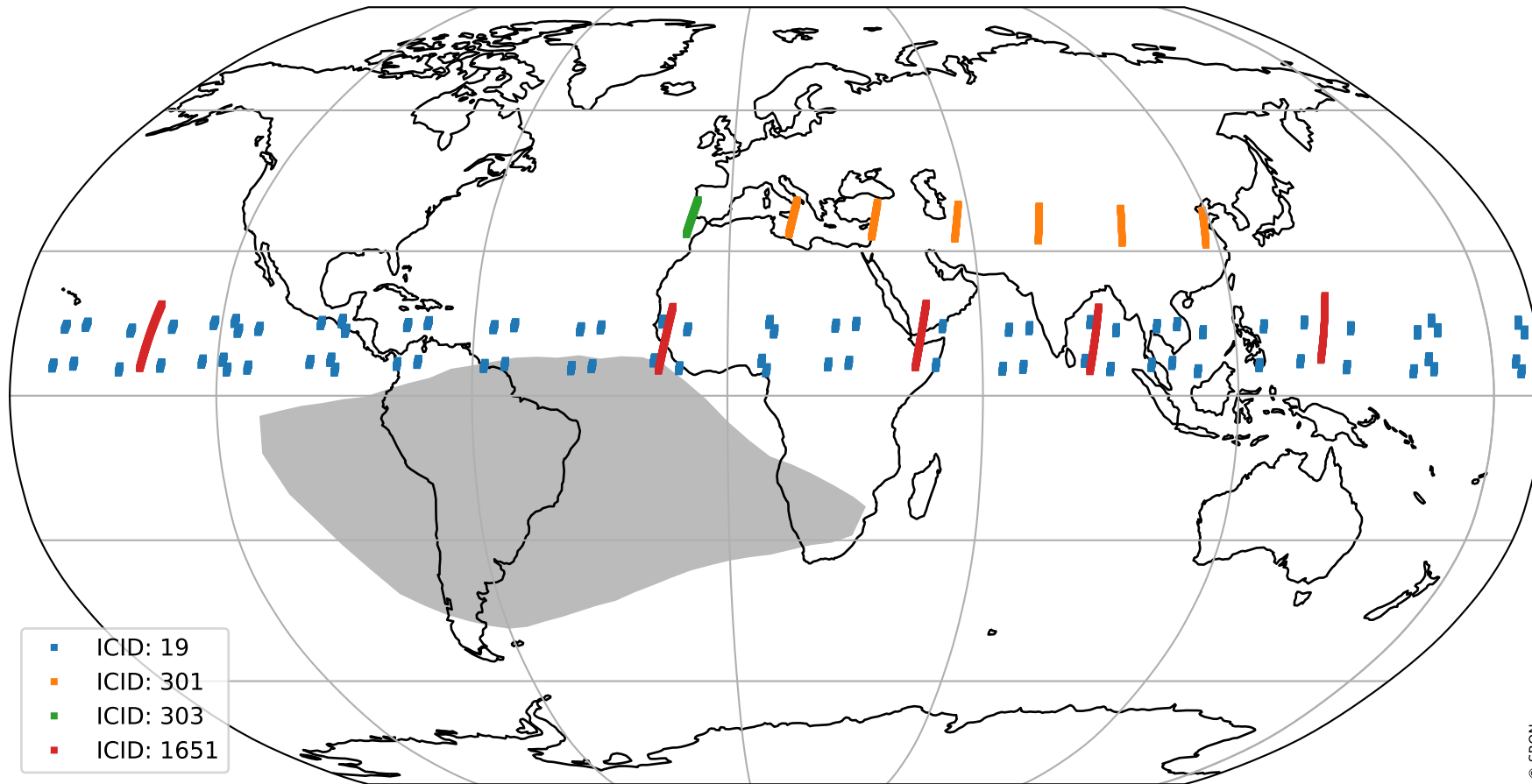
Tropomi SWIR background noise (swir)

orbits : 12 in [25777, 25867]
coverage : 2022-10-04 / 2022-10-10
median : 0.98194
spread : 0.16127
created : 2023-08-21T16:45:31



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

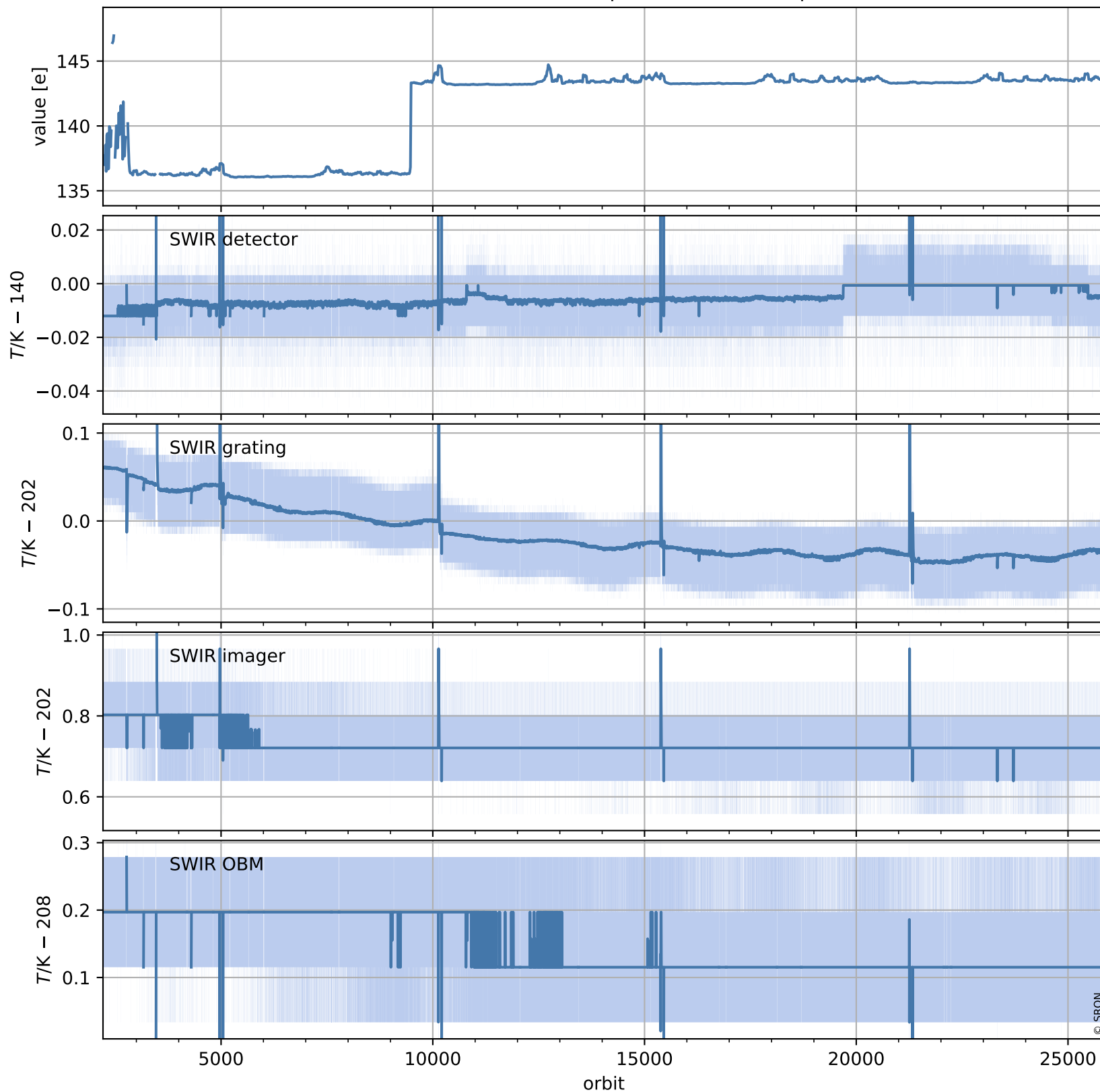
orbits : 12 in [25777, 25867]
coverage : 2022-10-04 / 2022-10-10
created : 2023-08-21T16:45:32



Tropomi SWIR background noise (swir)

orbits : [2212, 25867]
coverage : 2018-03-18 / 2022-10-10
created : 2023-08-21T16:45:32

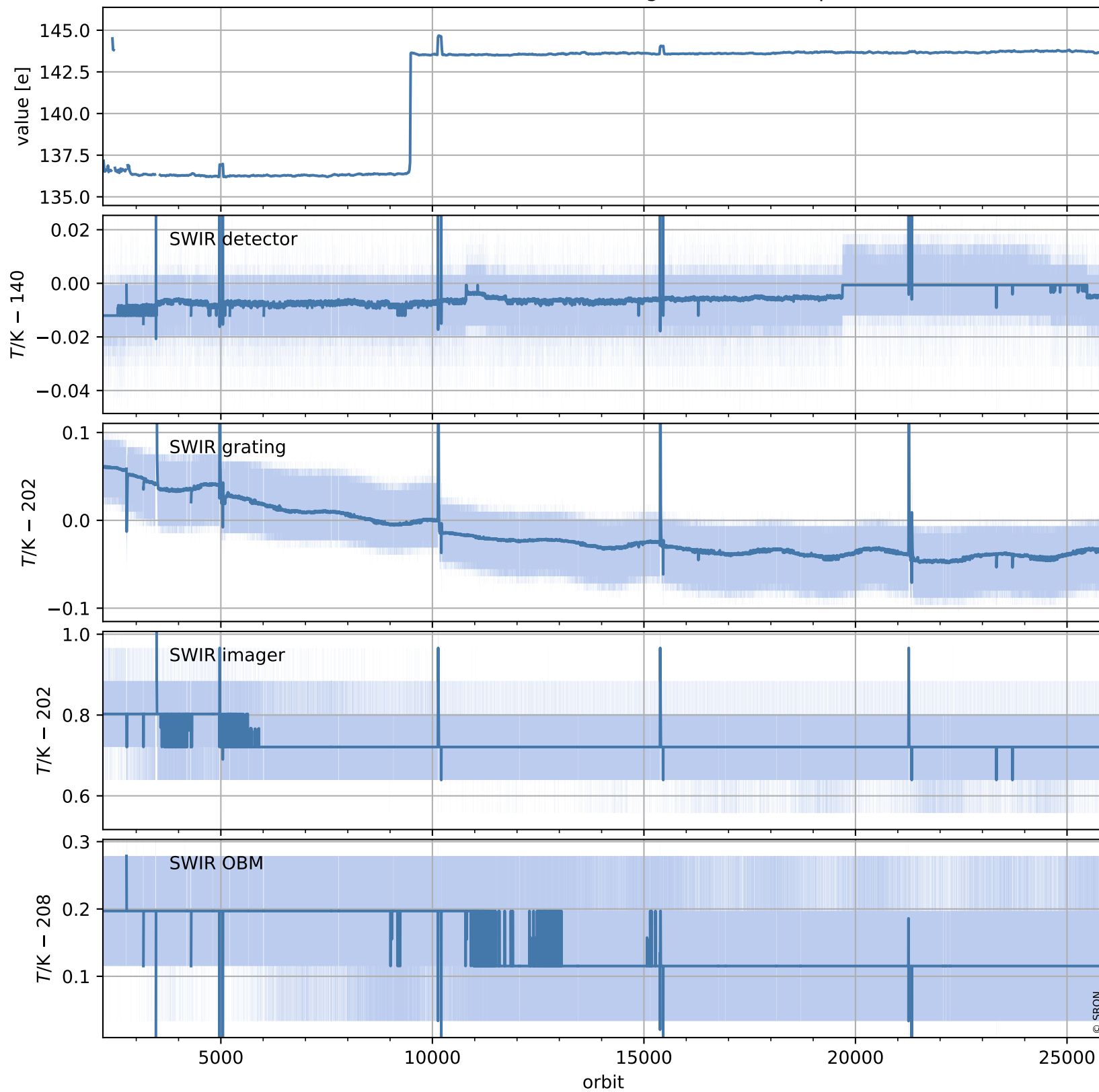
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25867]
coverage : 2018-03-18 / 2022-10-10
created : 2023-08-21T16:45:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25867]
coverage : 2018-03-18 / 2022-10-10
created : 2023-08-21T16:45:34

trend of normalized read-noise & temperatures

