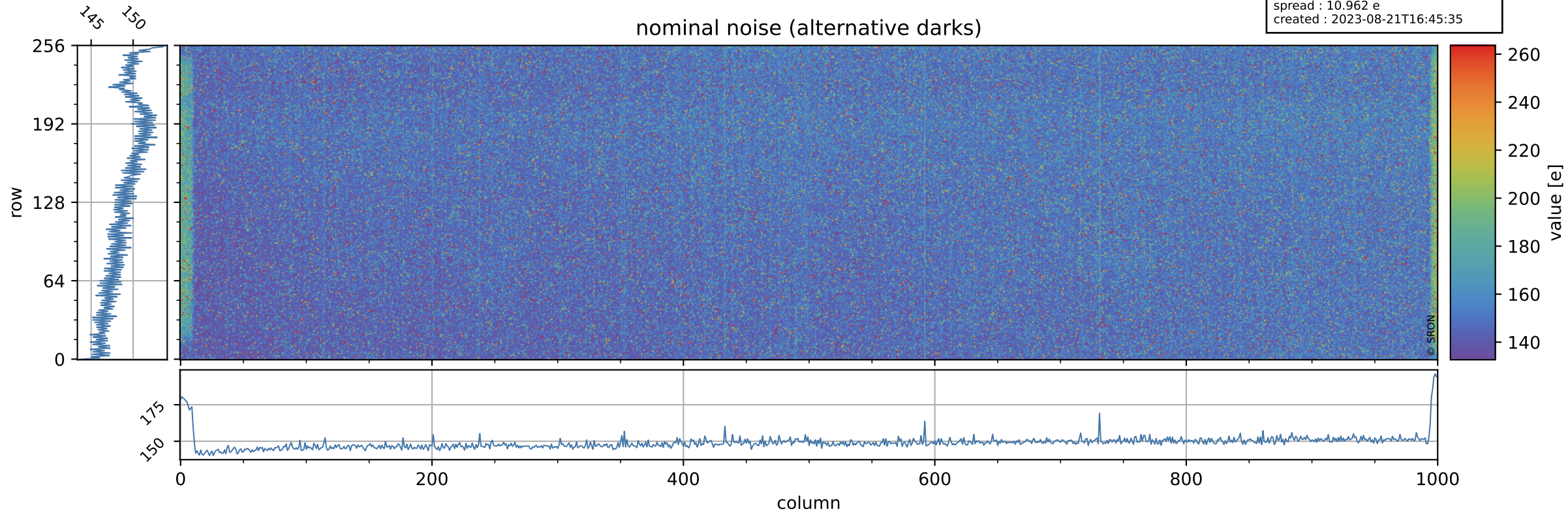


Tropomi SWIR background noise (swir)

orbits : 13 in [25792, 25882]
coverage : 2022-10-05 / 2022-10-11
n_coad, t_exp : 1, 1.0783
median : 148.83 e
spread : 10.962 e
created : 2023-08-21T16:45:35

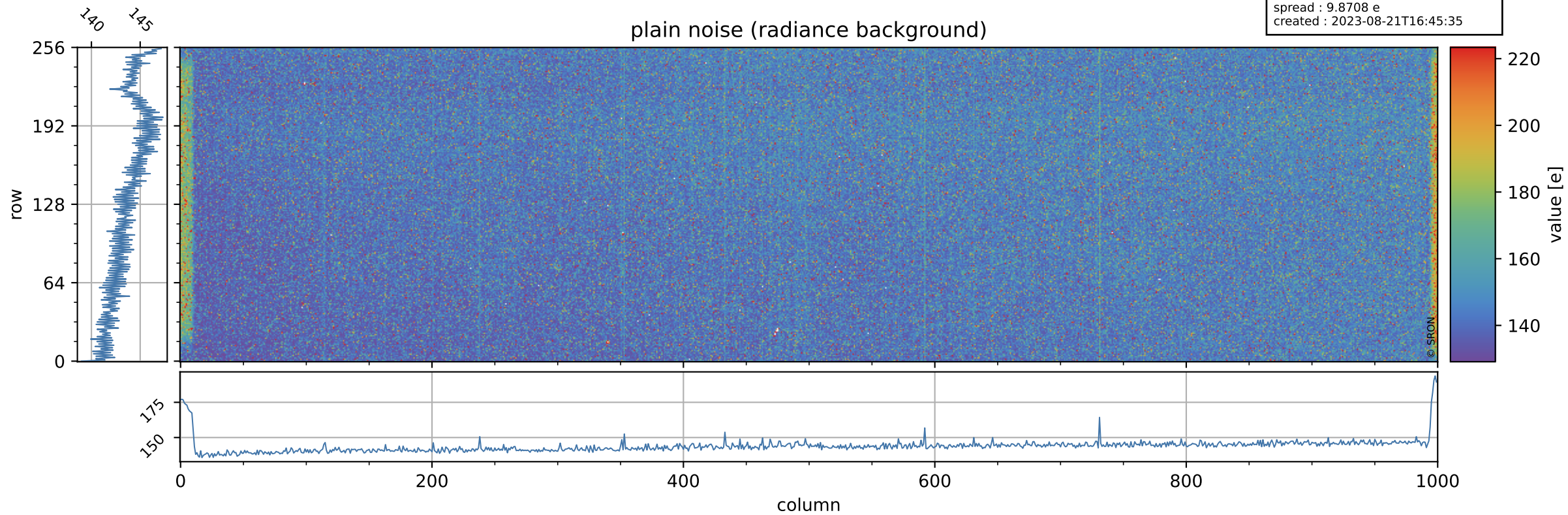
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [25792, 25882]
coverage : 2022-10-05 / 2022-10-11
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.8708 e
created : 2023-08-21T16:45:35

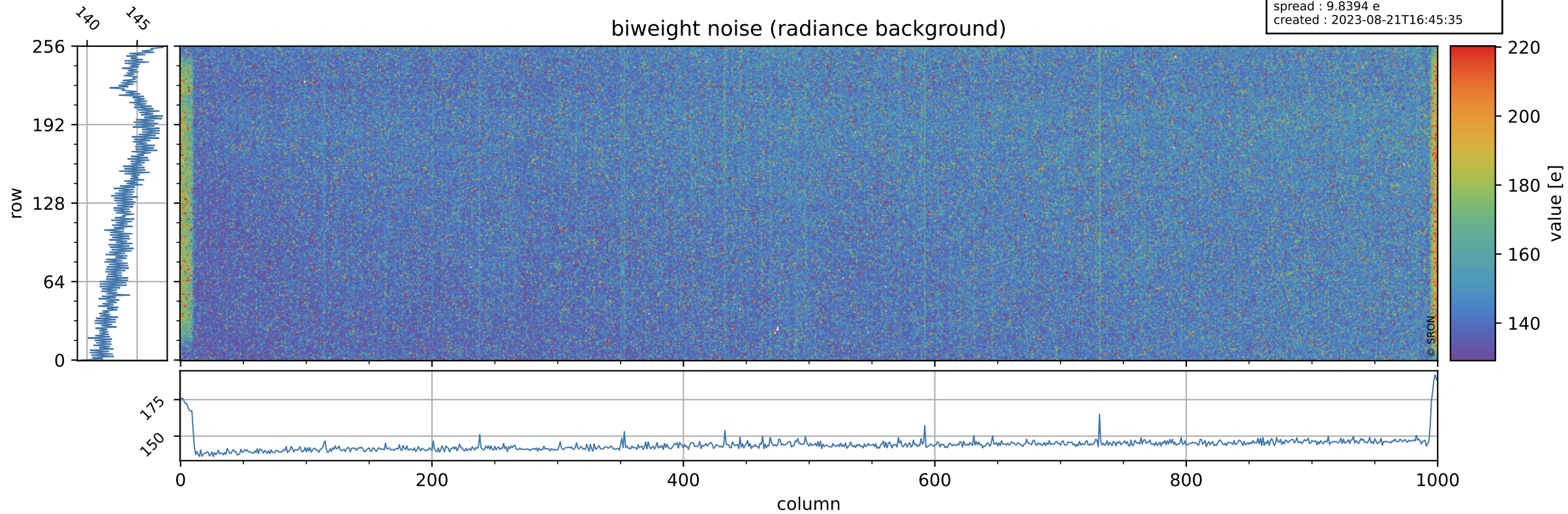
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25792, 25882]
coverage : 2022-10-05 / 2022-10-11
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.8394 e
created : 2023-08-21T16:45:35

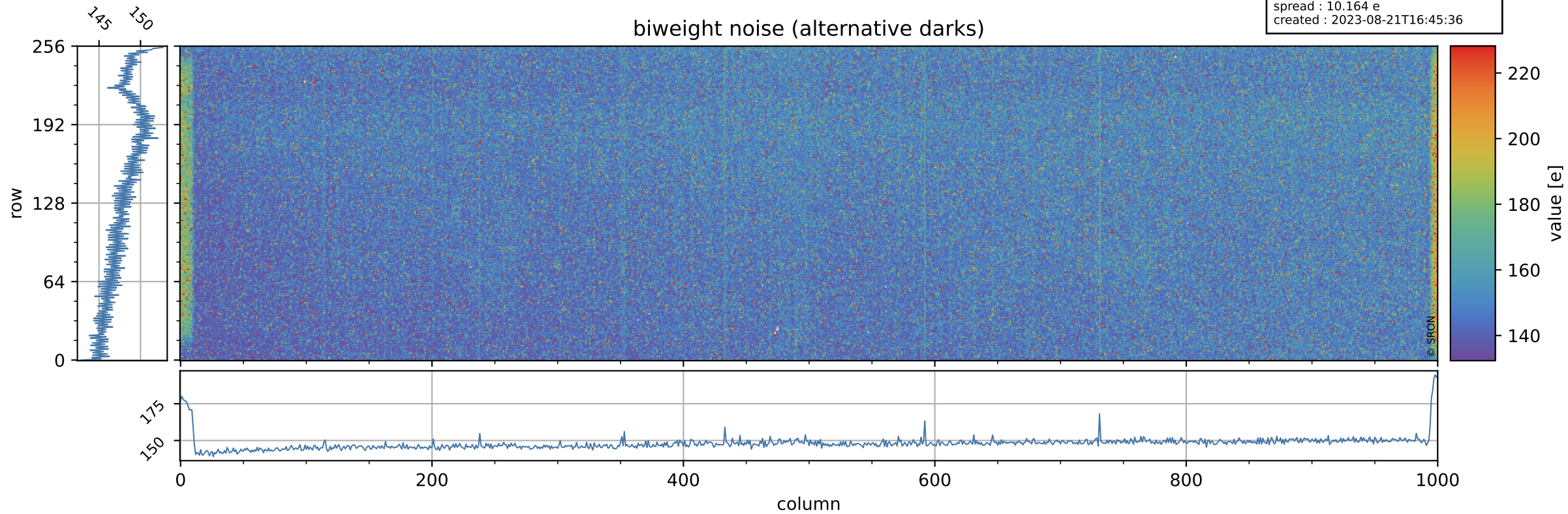
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25792, 25882]
coverage : 2022-10-05 / 2022-10-11
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.164 e
created : 2023-08-21T16:45:36

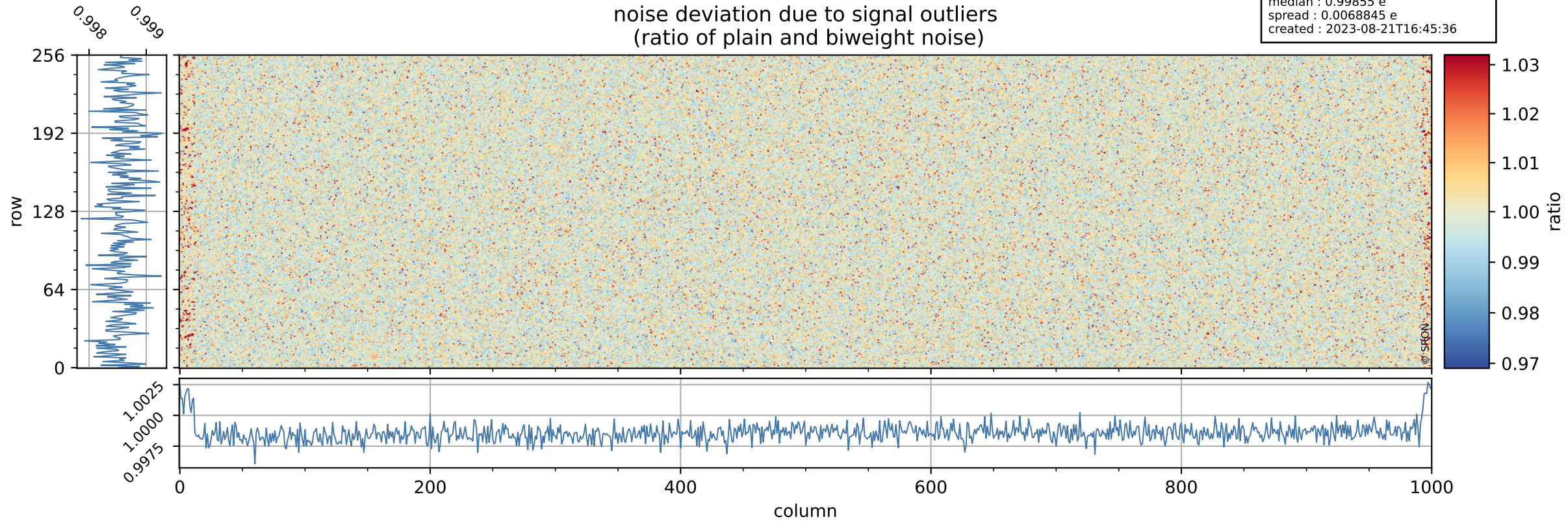
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

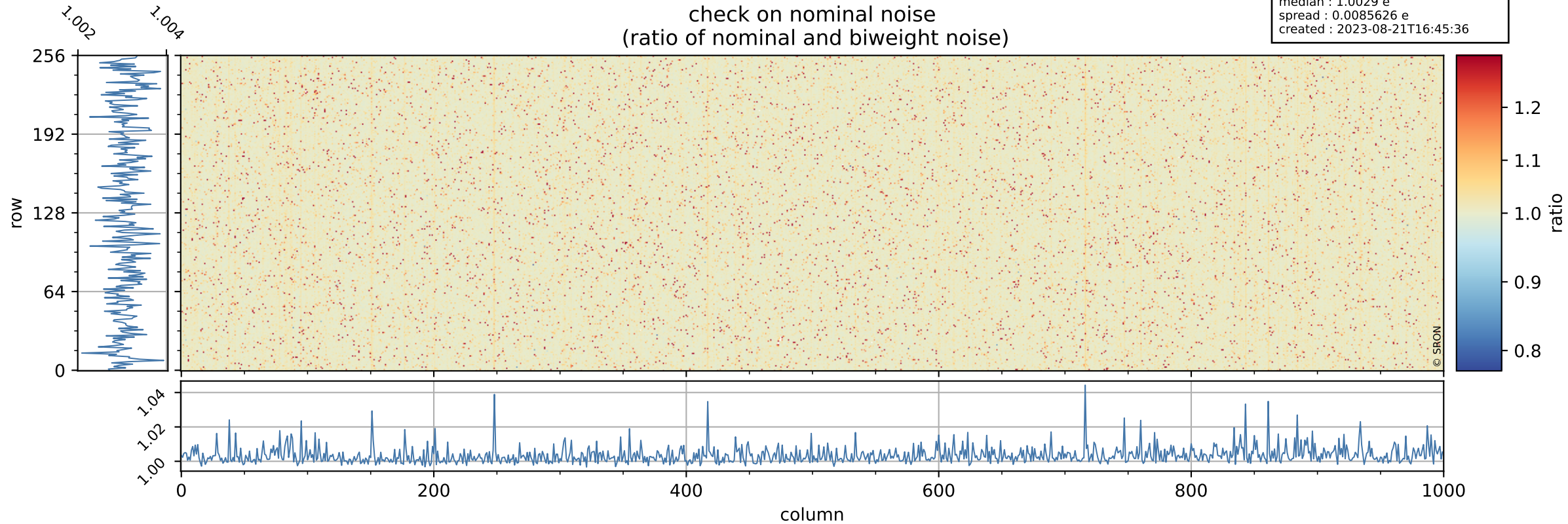
orbits : 13 in [25792, 25882]
coverage : 2022-10-05 / 2022-10-11
median : 0.99855 e
spread : 0.0068845 e
created : 2023-08-21T16:45:36



Tropomi SWIR background noise (swir)

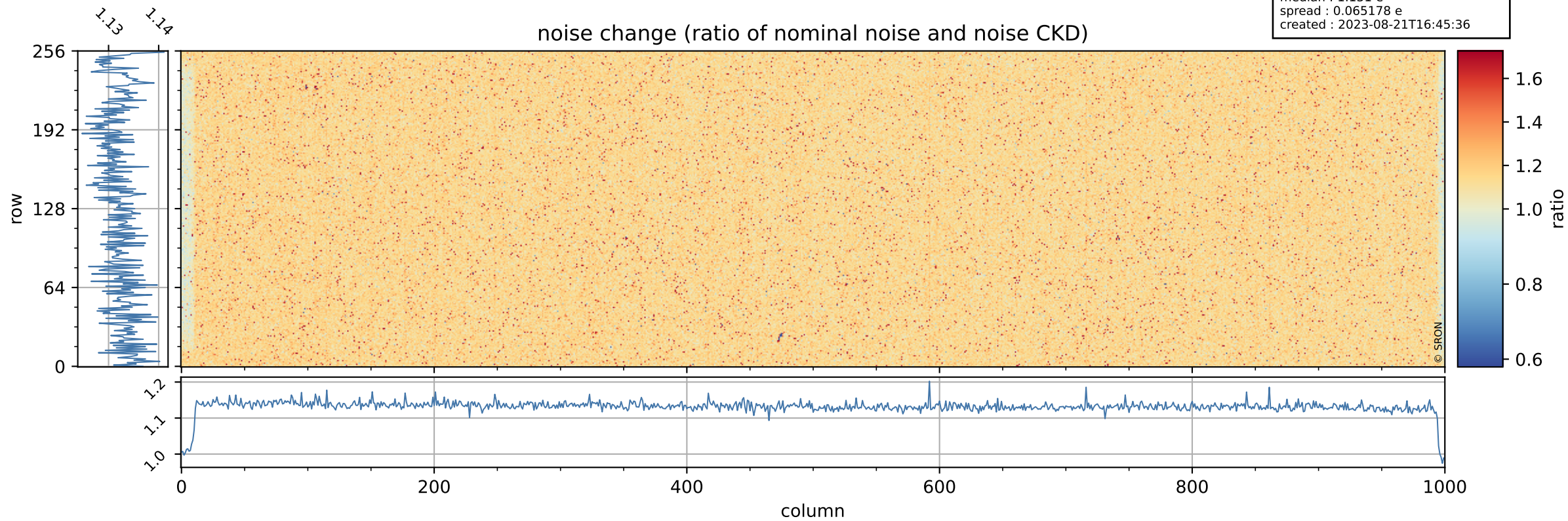
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [25792, 25882]
coverage : 2022-10-05 / 2022-10-11
median : 1.0029 e
spread : 0.0085626 e
created : 2023-08-21T16:45:36



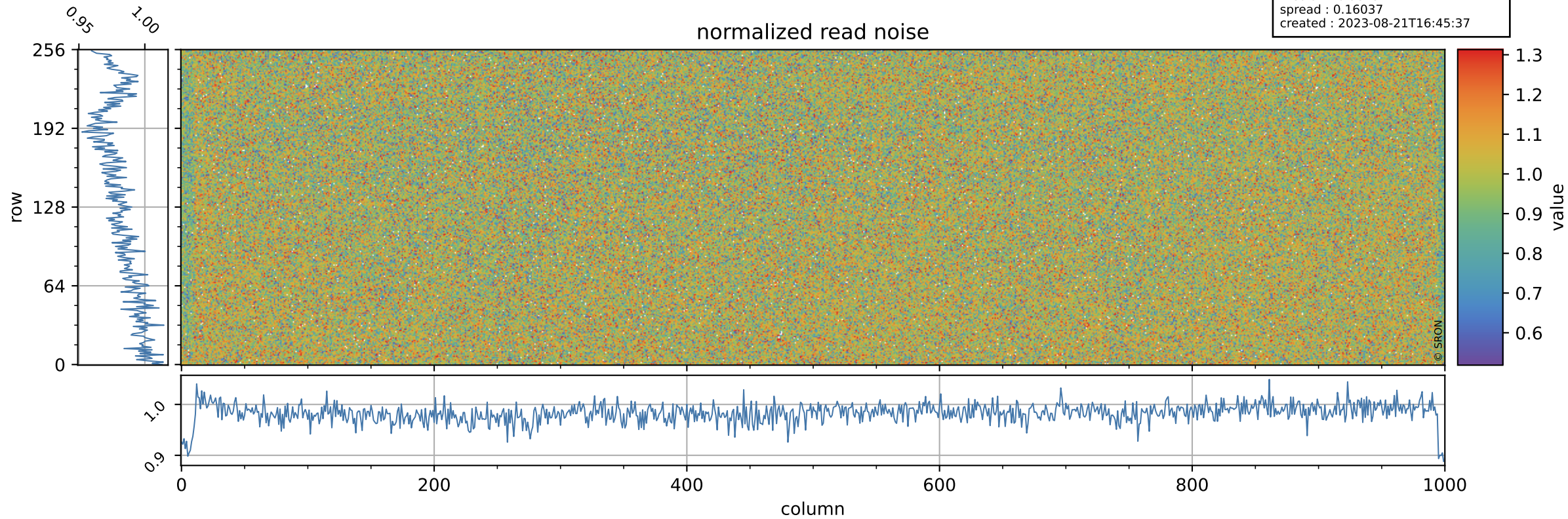
Tropomi SWIR background noise (swir)

orbits : 13 in [25792, 25882]
coverage : 2022-10-05 / 2022-10-11
median : 1.131 e
spread : 0.065178 e
created : 2023-08-21T16:45:36



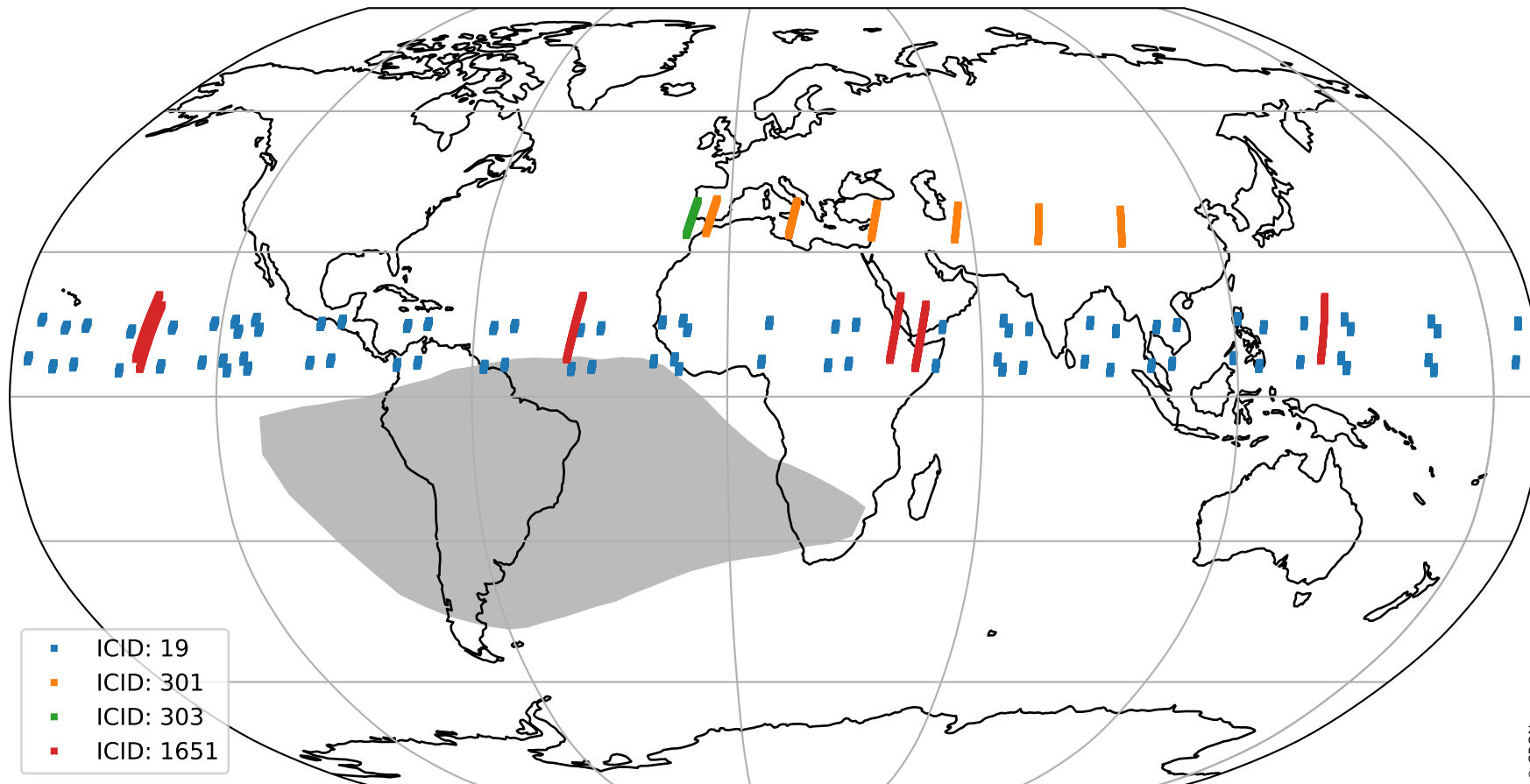
Tropomi SWIR background noise (swir)

orbits : 13 in [25792, 25882]
coverage : 2022-10-05 / 2022-10-11
median : 0.98152
spread : 0.16037
created : 2023-08-21T16:45:37



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

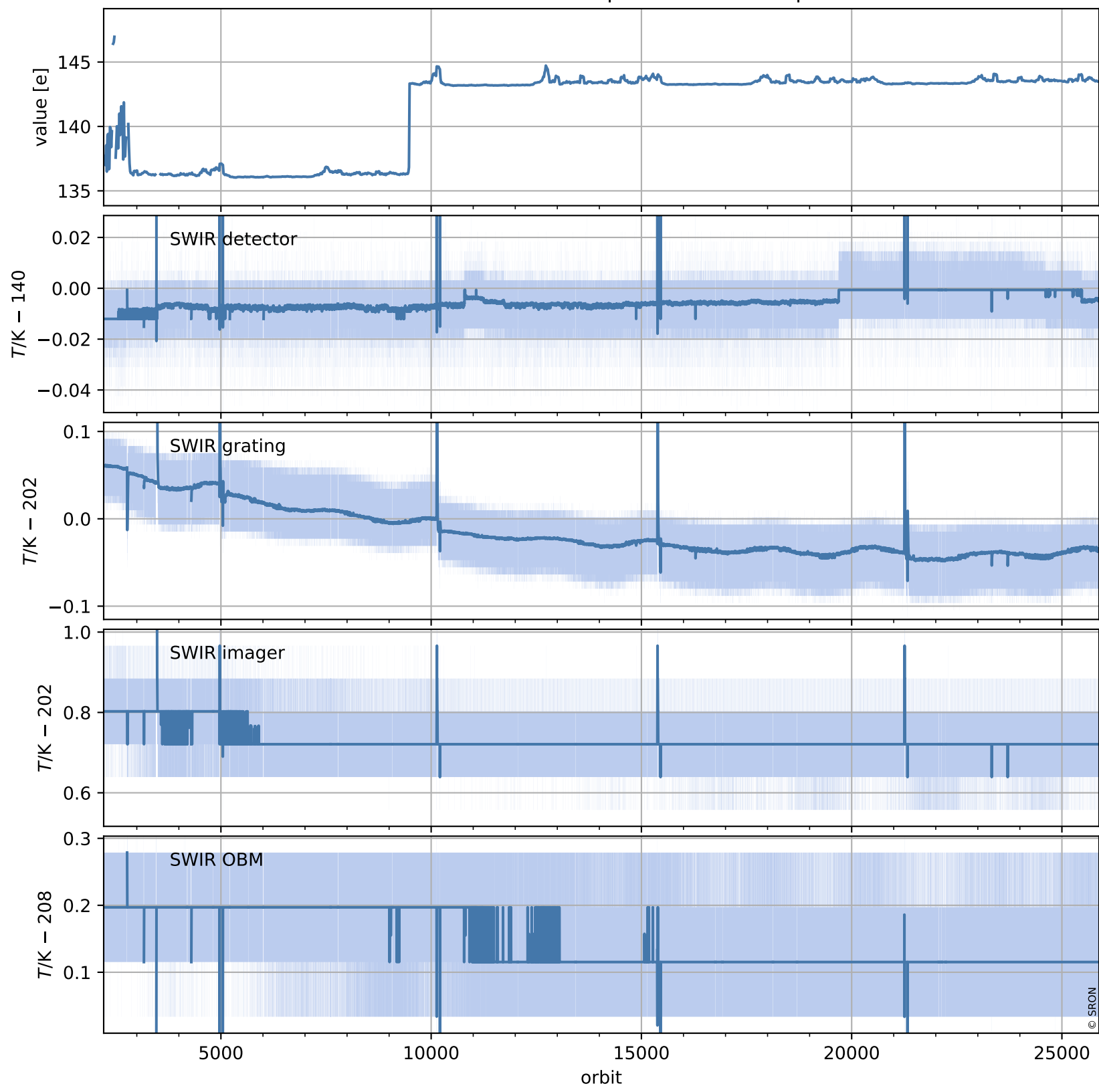
orbits : 13 in [25792, 25882]
coverage : 2022-10-05 / 2022-10-11
created : 2023-08-21T16:45:37



Tropomi SWIR background noise (swir)

orbits : [2212, 25882]
coverage : 2018-03-18 / 2022-10-11
created : 2023-08-21T16:45:37

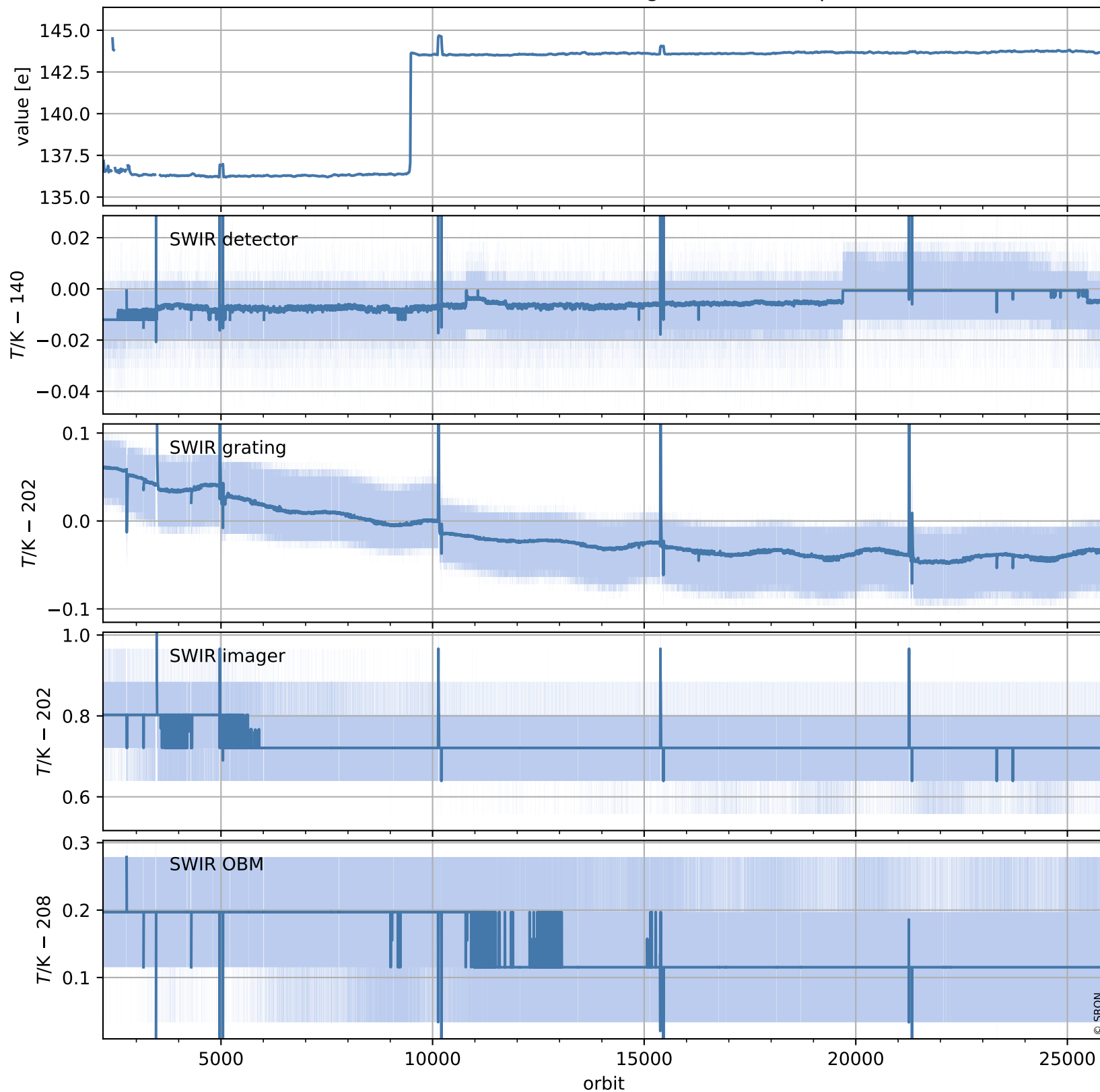
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25882]
coverage : 2018-03-18 / 2022-10-11
created : 2023-08-21T16:45:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25882]
coverage : 2018-03-18 / 2022-10-11
created : 2023-08-21T16:45:39

trend of normalized read-noise & temperatures

