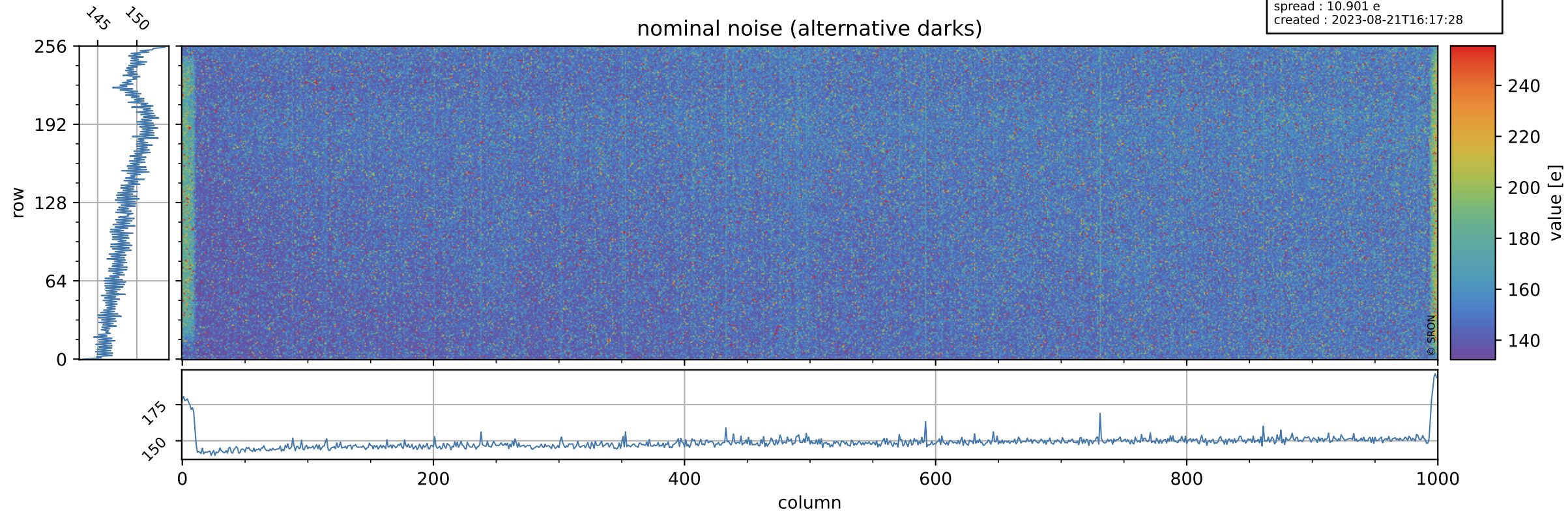


Tropomi SWIR background noise (swir)

orbits : 11 in [21337, 21412]
coverage : 2021-11-25 / 2021-11-30
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 10.901 e
created : 2023-08-21T16:17:28

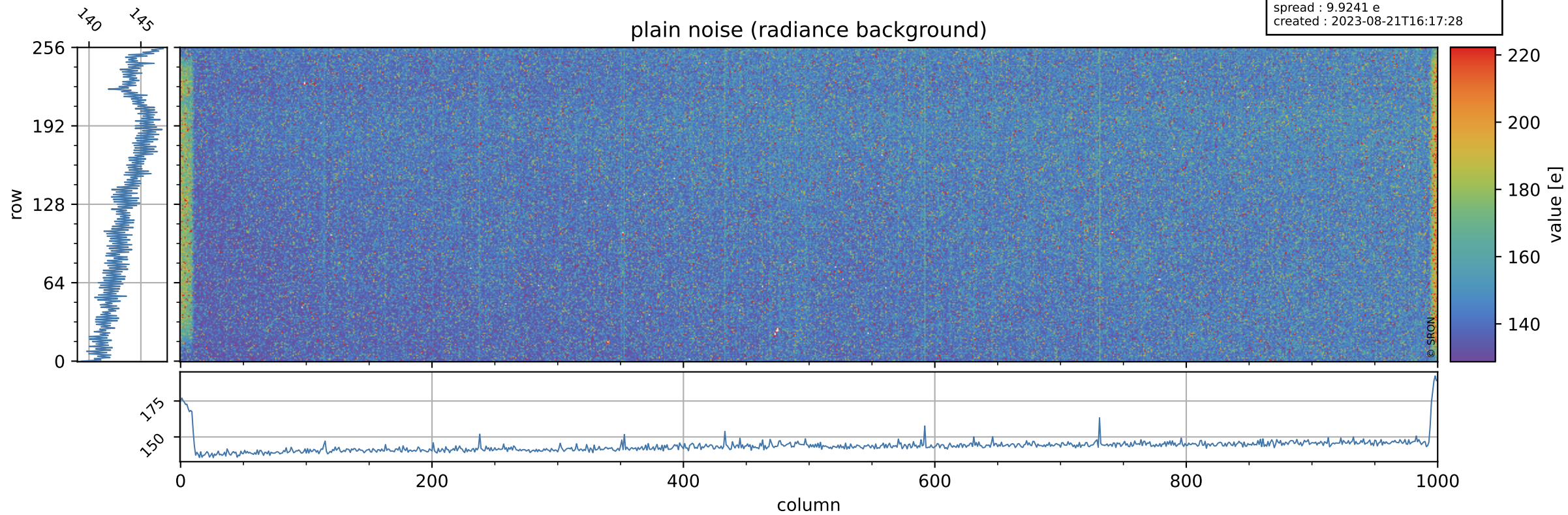
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [21337, 21412]
coverage : 2021-11-25 / 2021-11-30
n_coad, t_exp : 1, 0.8383
median : 143.5 e
spread : 9.9241 e
created : 2023-08-21T16:17:28

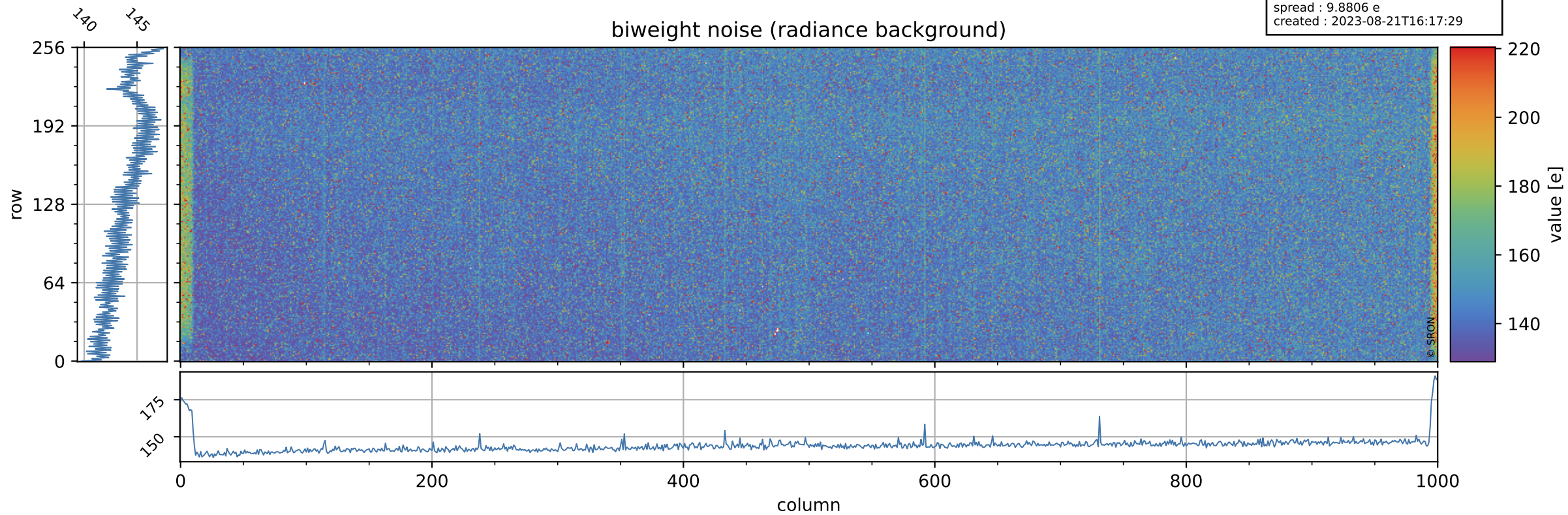
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [21337, 21412]
coverage : 2021-11-25 / 2021-11-30
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.8806 e
created : 2023-08-21T16:17:29

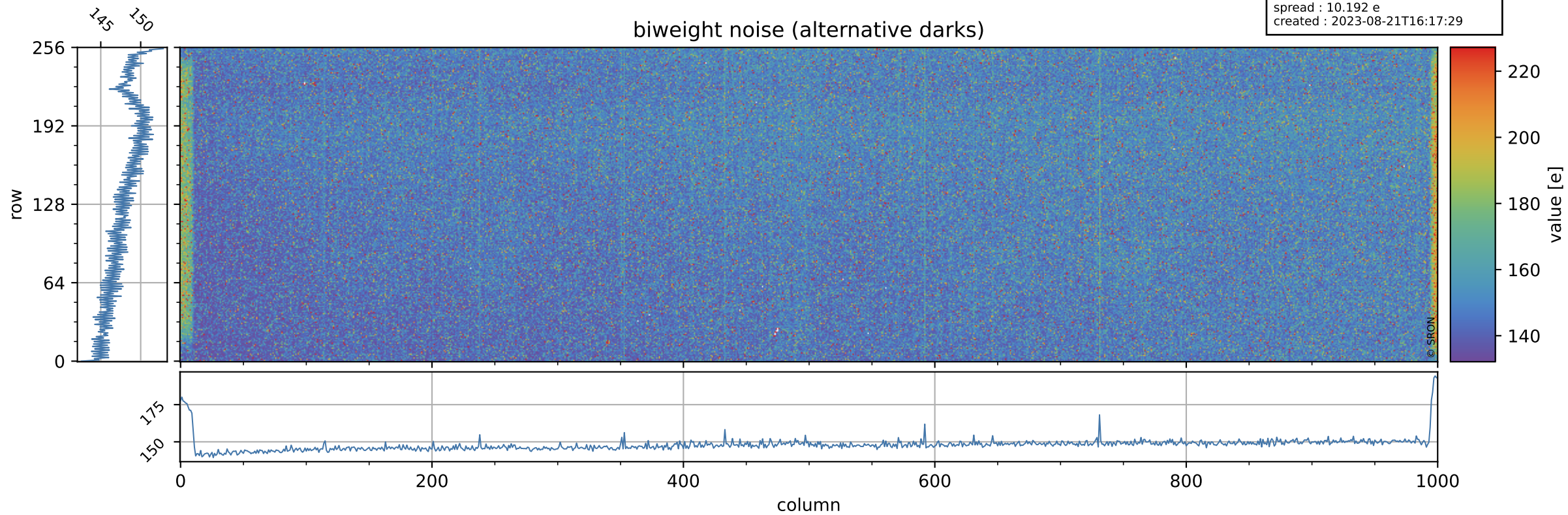
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [21337, 21412]
coverage : 2021-11-25 / 2021-11-30
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.192 e
created : 2023-08-21T16:17:29

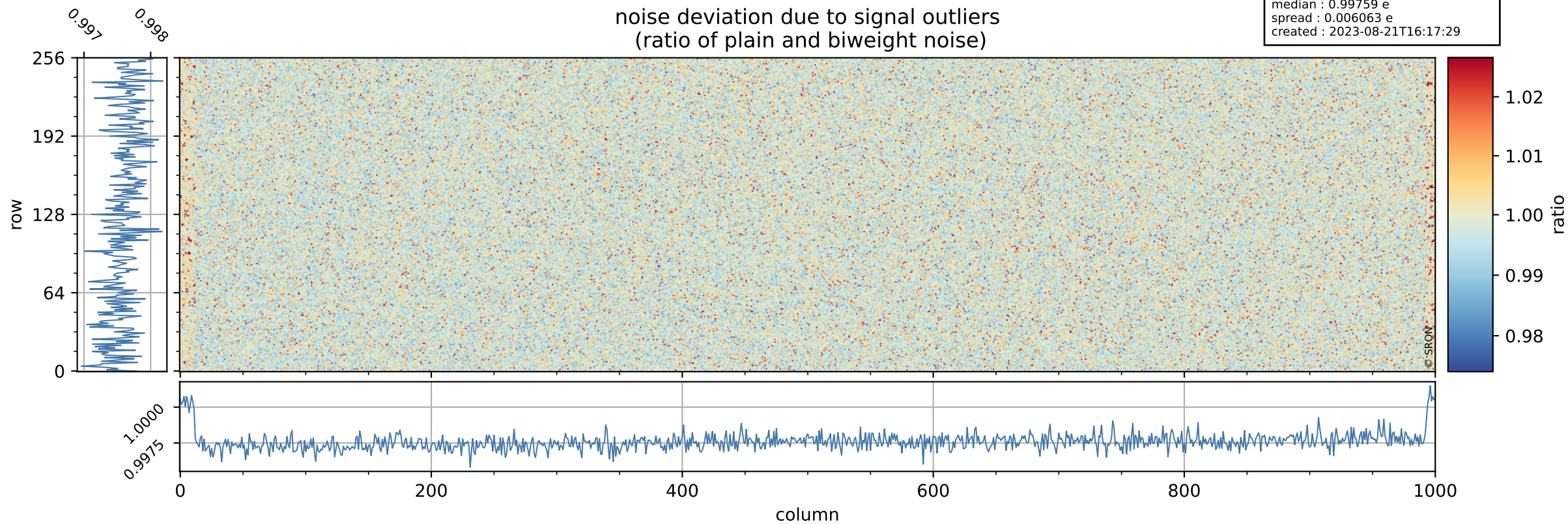
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

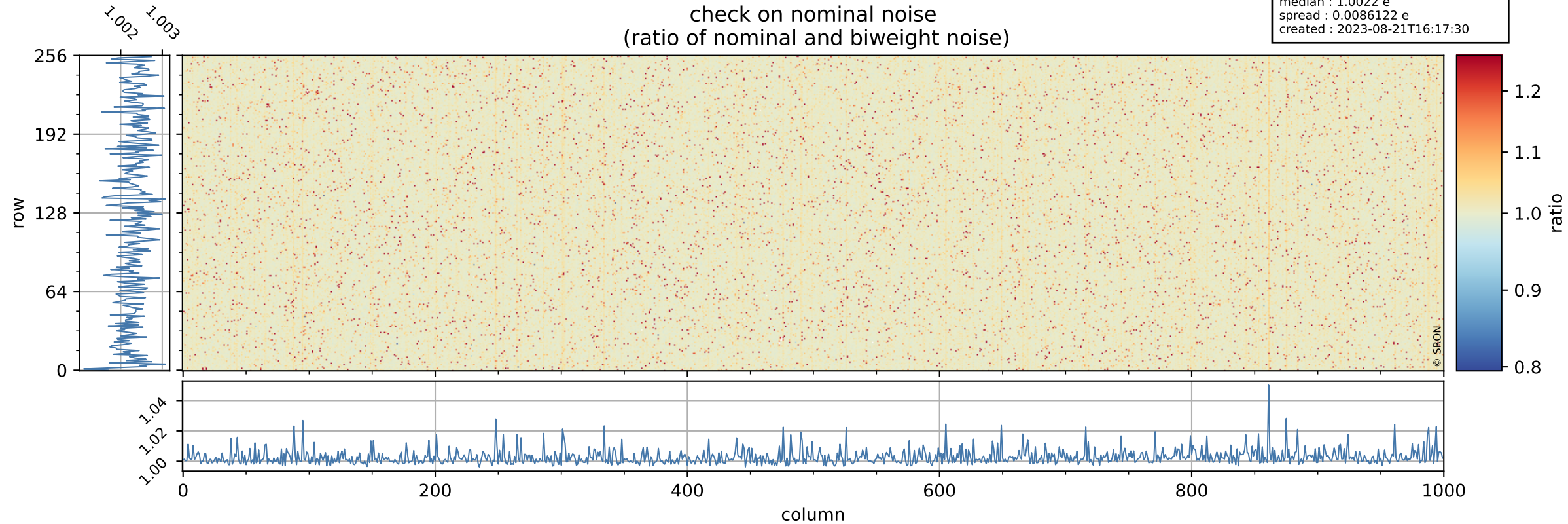
orbits : 11 in [21337, 21412]
coverage : 2021-11-25 / 2021-11-30
median : 0.99759 e
spread : 0.006063 e
created : 2023-08-21T16:17:29



Tropomi SWIR background noise (swir)

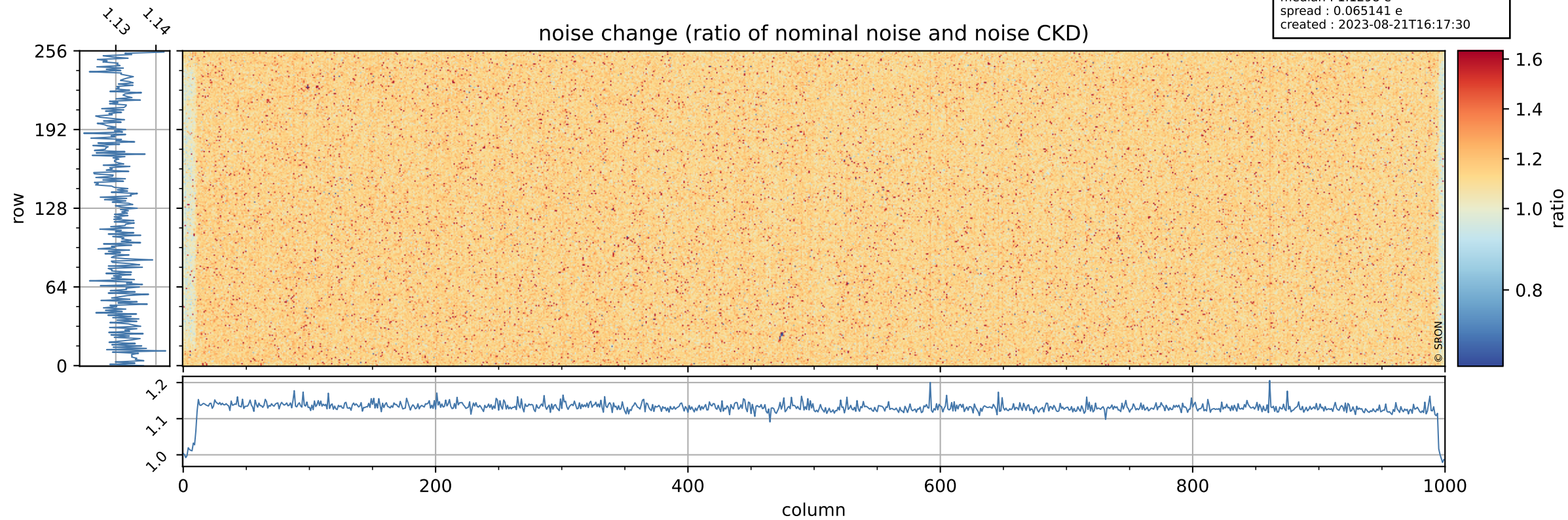
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [21337, 21412]
coverage : 2021-11-25 / 2021-11-30
median : 1.0022 e
spread : 0.0086122 e
created : 2023-08-21T16:17:30



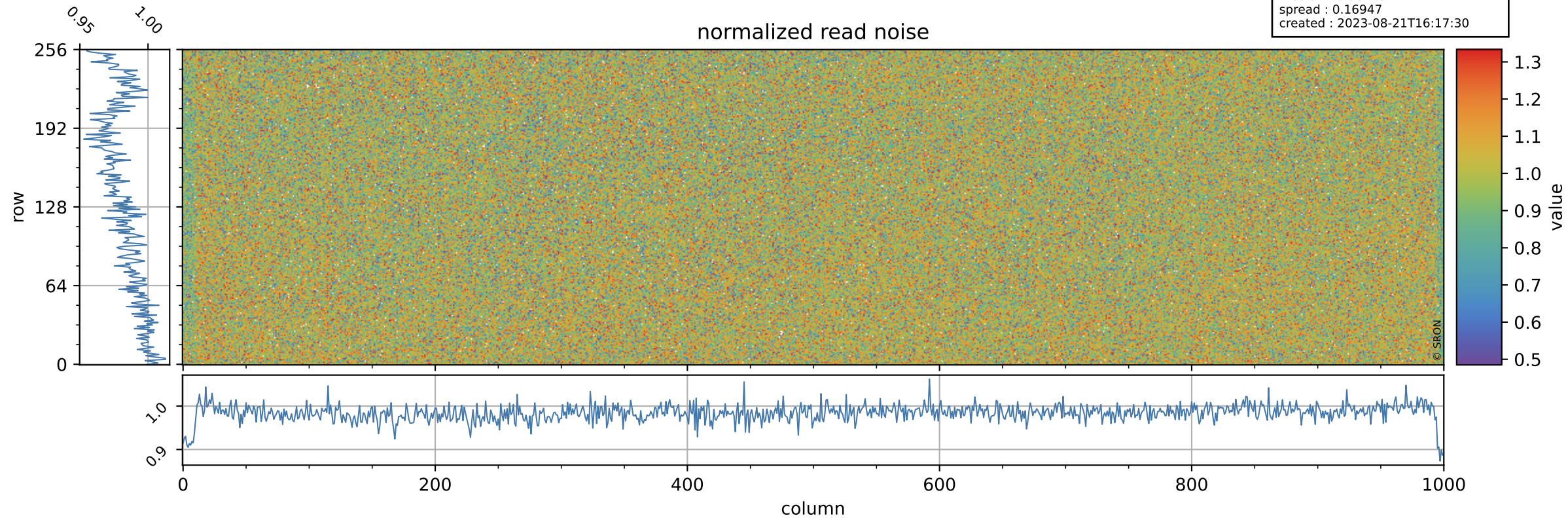
Tropomi SWIR background noise (swir)

orbits : 11 in [21337, 21412]
coverage : 2021-11-25 / 2021-11-30
median : 1.1298 e
spread : 0.065141 e
created : 2023-08-21T16:17:30



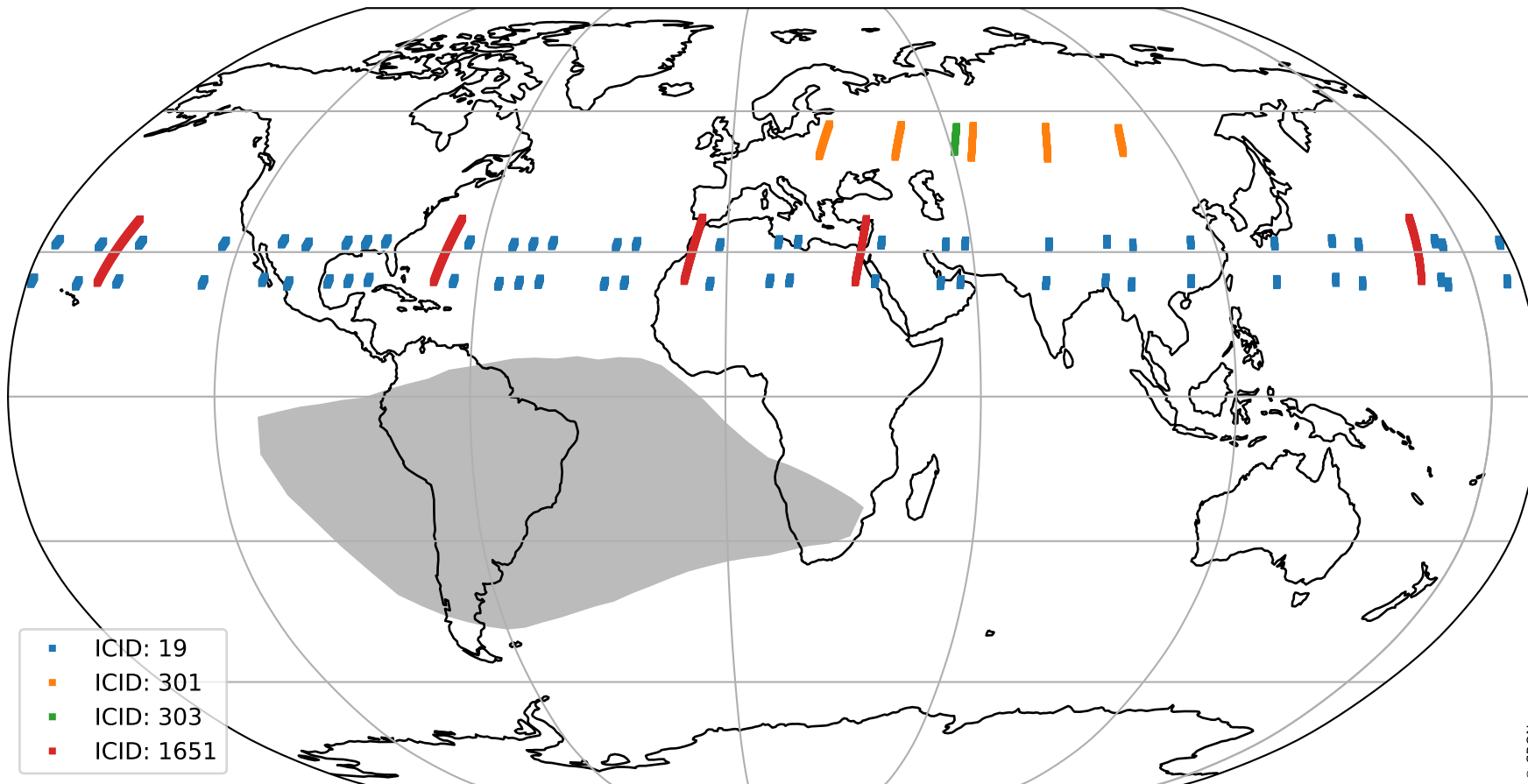
Tropomi SWIR background noise (swir)

orbits : 11 in [21337, 21412]
coverage : 2021-11-25 / 2021-11-30
median : 0.98245
spread : 0.16947
created : 2023-08-21T16:17:30



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

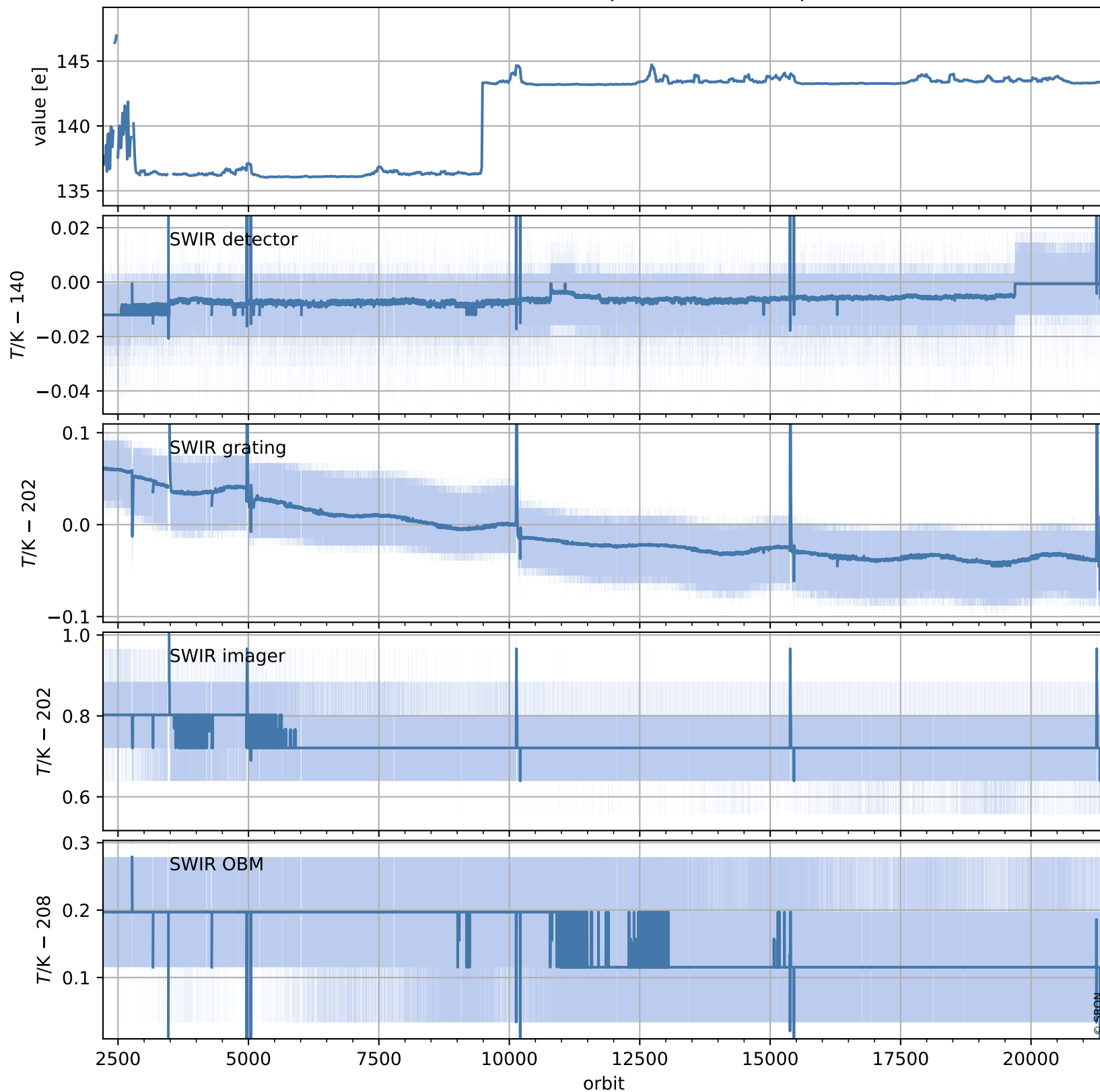
orbits : 11 in [21337, 21412]
coverage : 2021-11-25 / 2021-11-30
created : 2023-08-21T16:17:30



Tropomi SWIR background noise (swir)

orbits : [2212, 21412]
coverage : 2018-03-18 / 2021-11-30
created : 2023-08-21T16:17:31

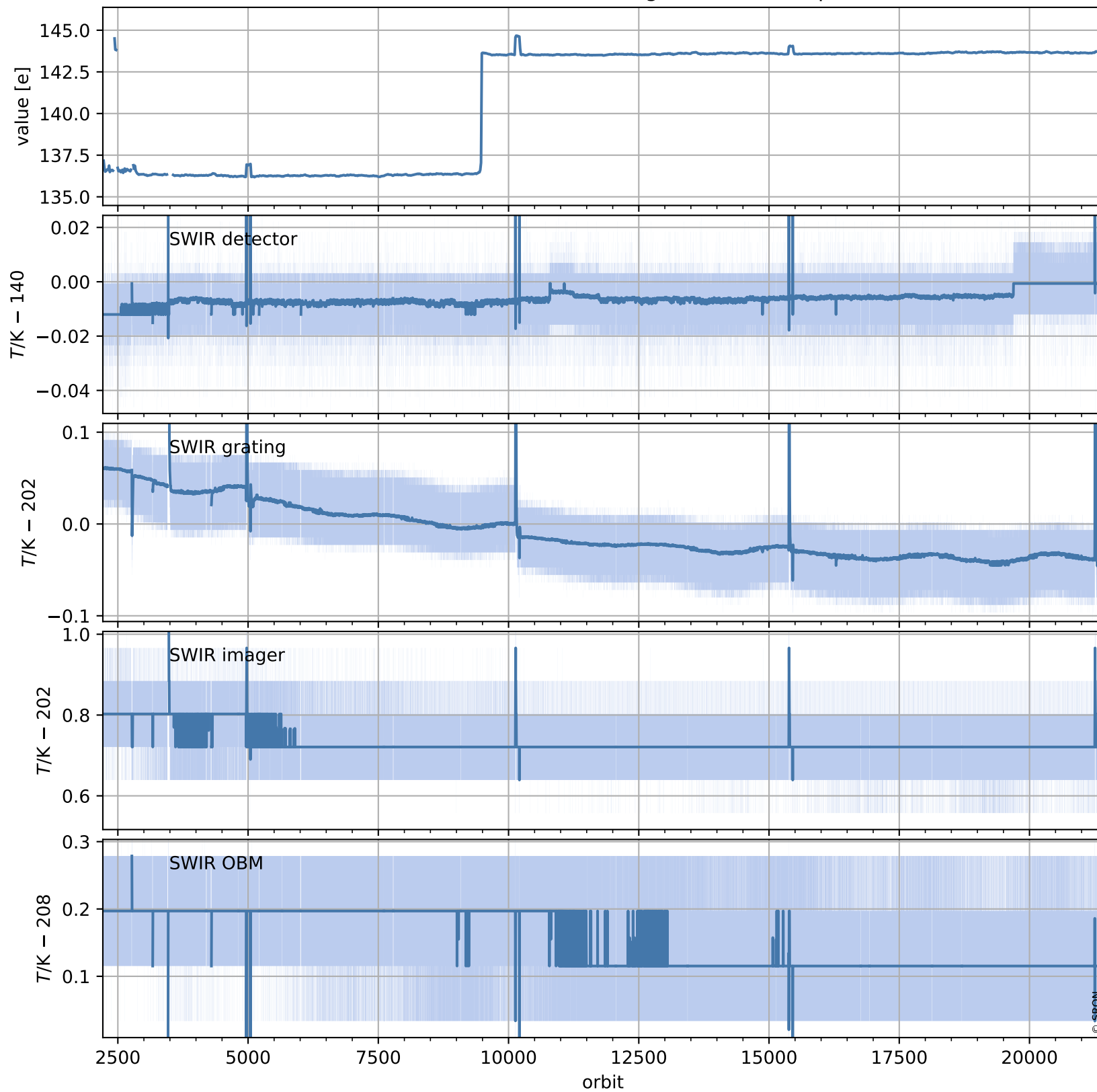
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21412]
coverage : 2018-03-18 / 2021-11-30
created : 2023-08-21T16:17:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21412]
coverage : 2018-03-18 / 2021-11-30
created : 2023-08-21T16:17:33

trend of normalized read-noise & temperatures

