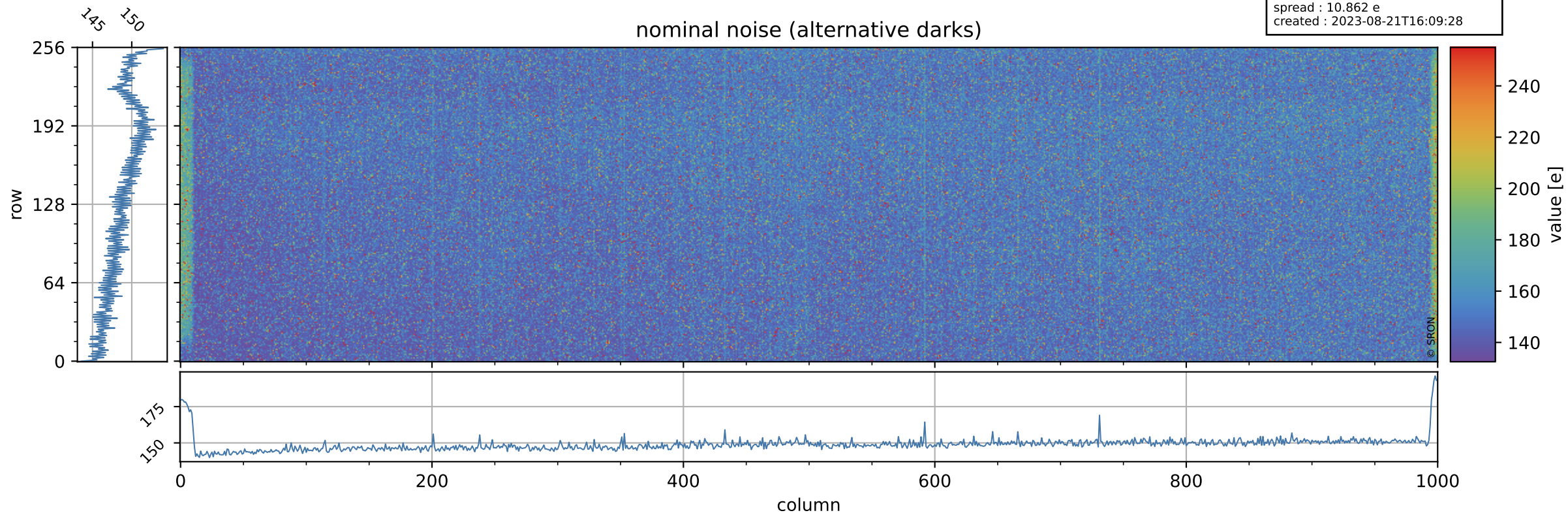


Tropomi SWIR background noise (swir)

orbits : 13 in [20032, 20122]
coverage : 2021-08-25 / 2021-08-31
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.862 e
created : 2023-08-21T16:09:28

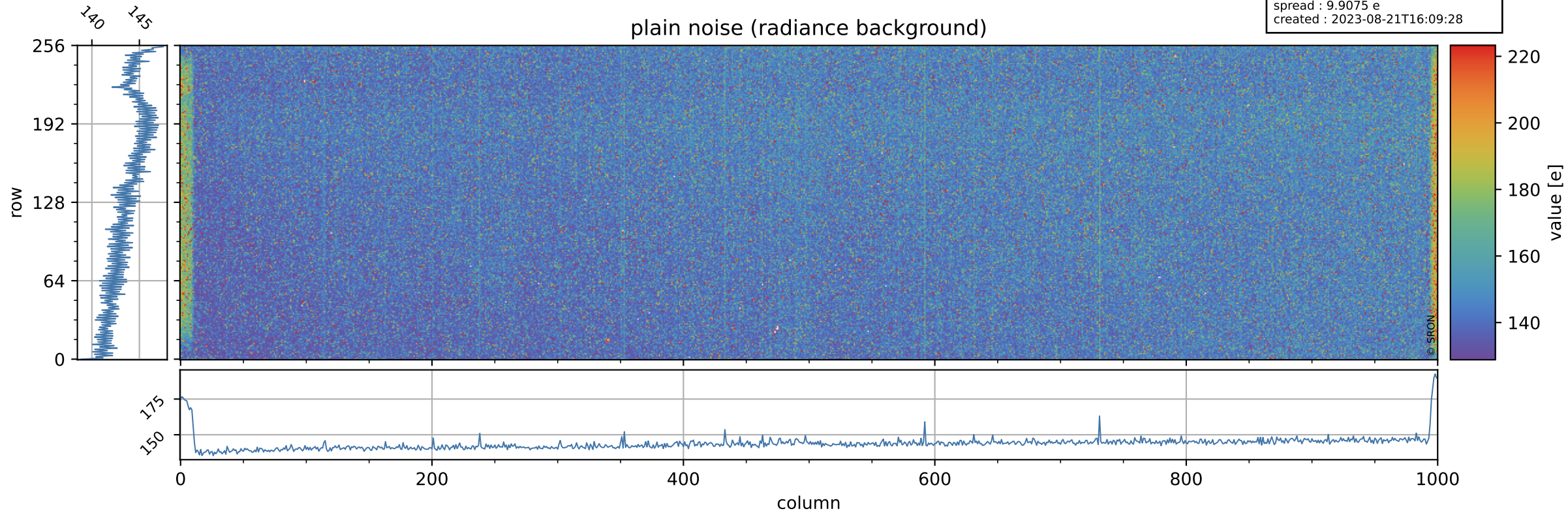
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [20032, 20122]
coverage : 2021-08-25 / 2021-08-31
n_coad, t_exp : 1, 0.8383
median : 143.58 e
spread : 9.9075 e
created : 2023-08-21T16:09:28

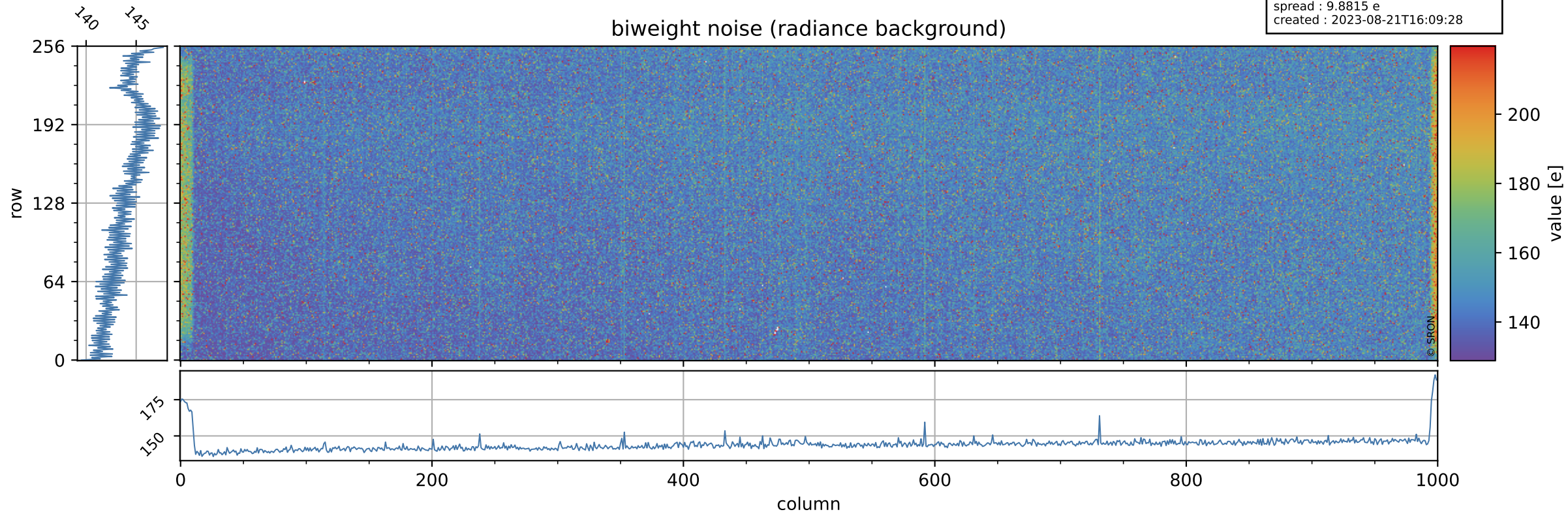
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20032, 20122]
coverage : 2021-08-25 / 2021-08-31
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.8815 e
created : 2023-08-21T16:09:28

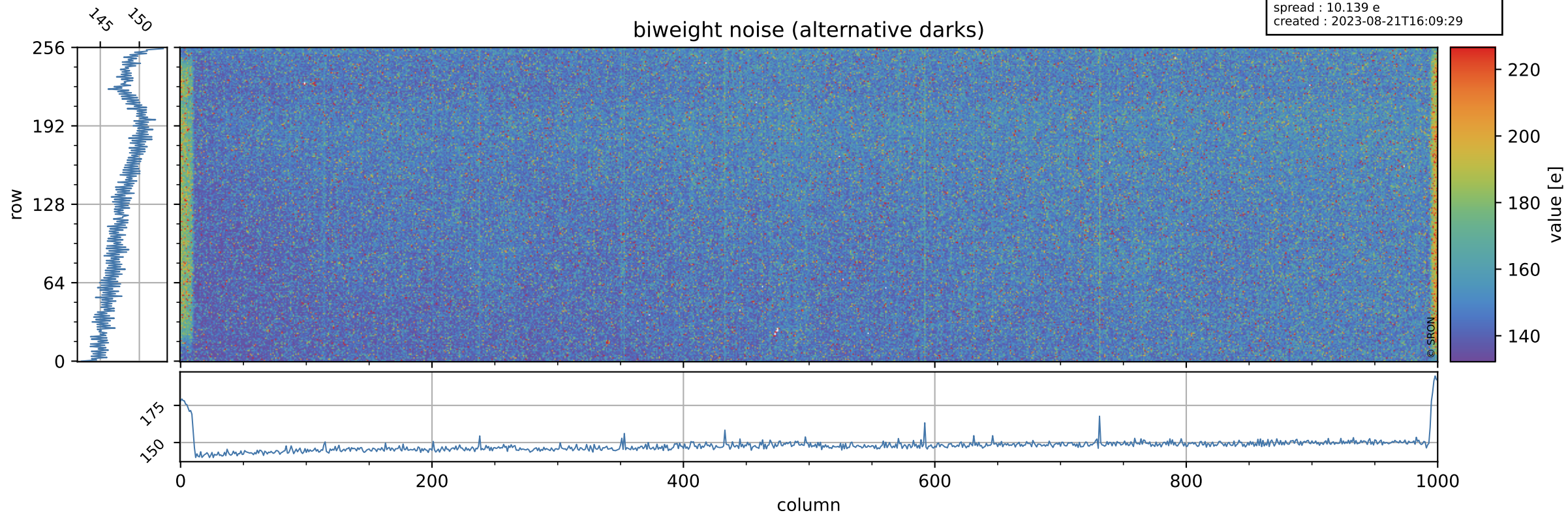
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20032, 20122]
coverage : 2021-08-25 / 2021-08-31
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.139 e
created : 2023-08-21T16:09:29

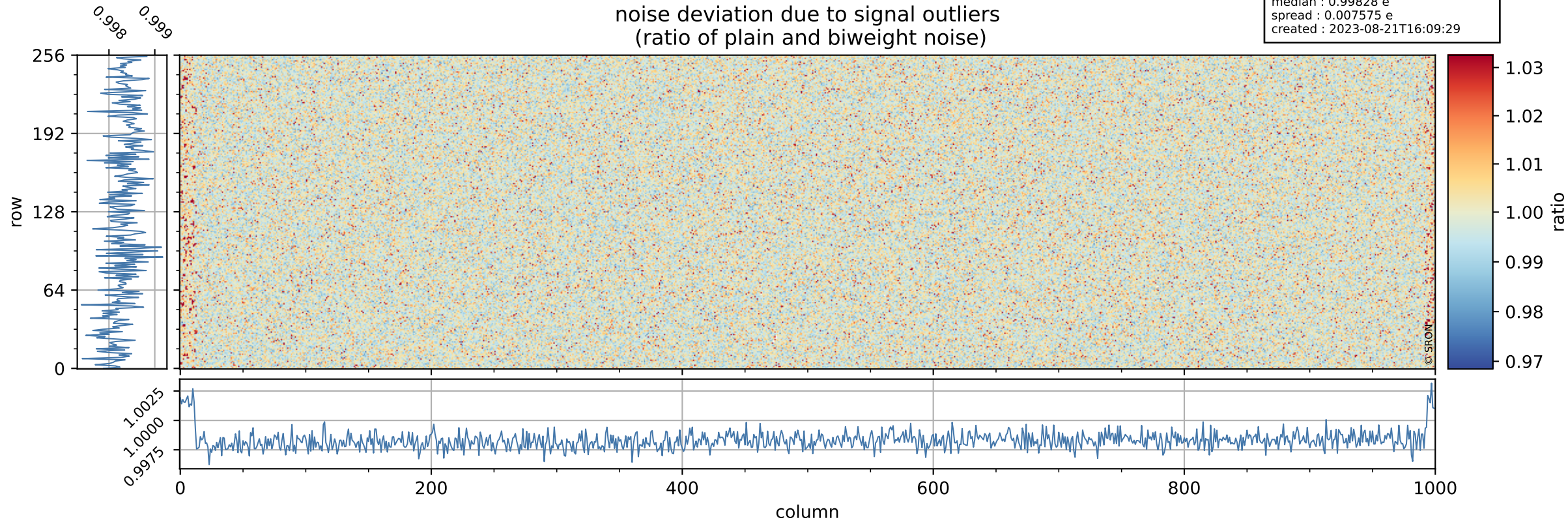
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

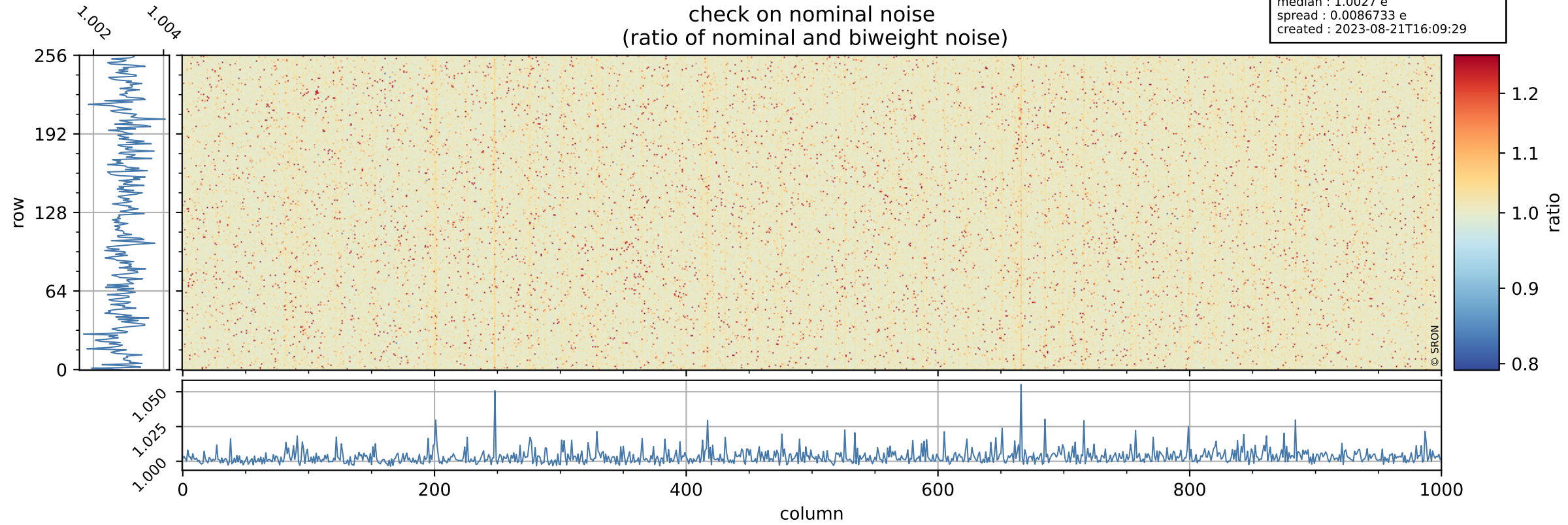
orbits : 13 in [20032, 20122]
coverage : 2021-08-25 / 2021-08-31
median : 0.99828 e
spread : 0.007575 e
created : 2023-08-21T16:09:29



Tropomi SWIR background noise (swir)

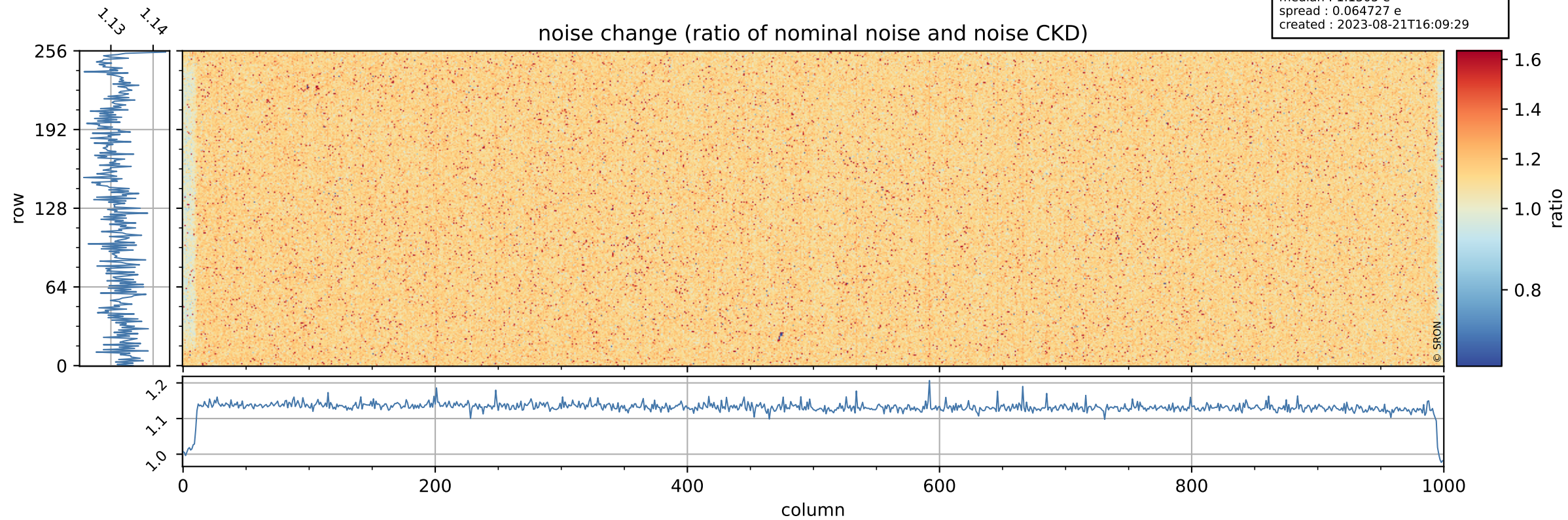
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [20032, 20122]
coverage : 2021-08-25 / 2021-08-31
median : 1.0027 e
spread : 0.0086733 e
created : 2023-08-21T16:09:29



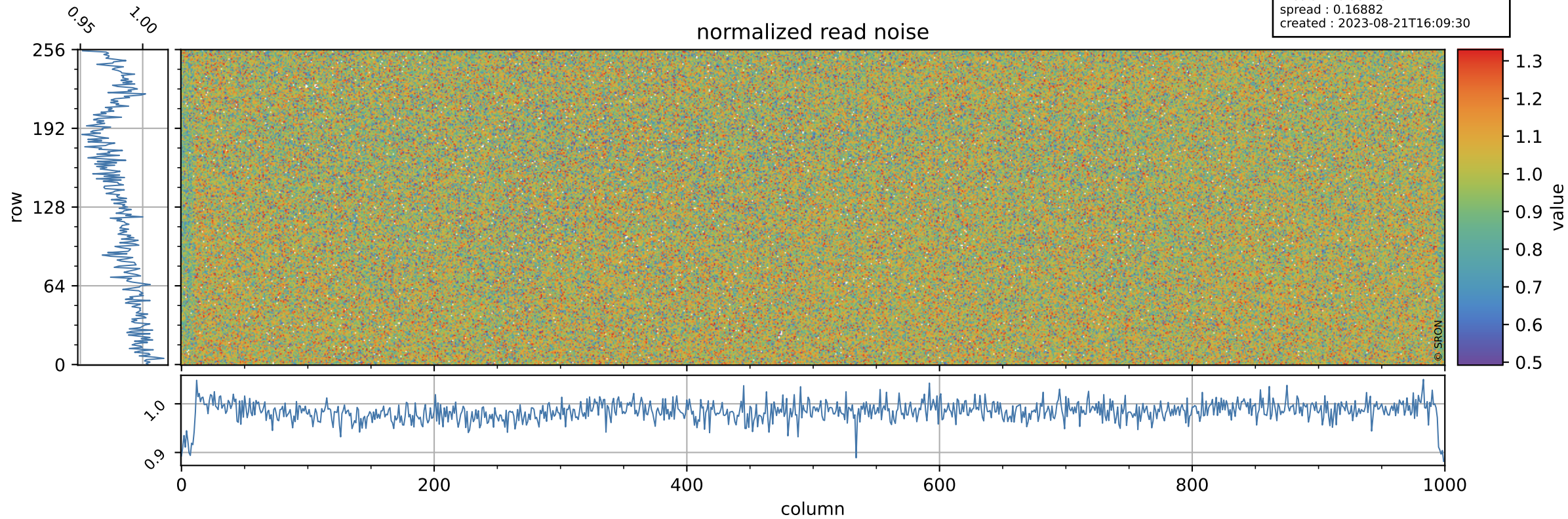
Tropomi SWIR background noise (swir)

orbits : 13 in [20032, 20122]
coverage : 2021-08-25 / 2021-08-31
median : 1.1305 e
spread : 0.064727 e
created : 2023-08-21T16:09:29



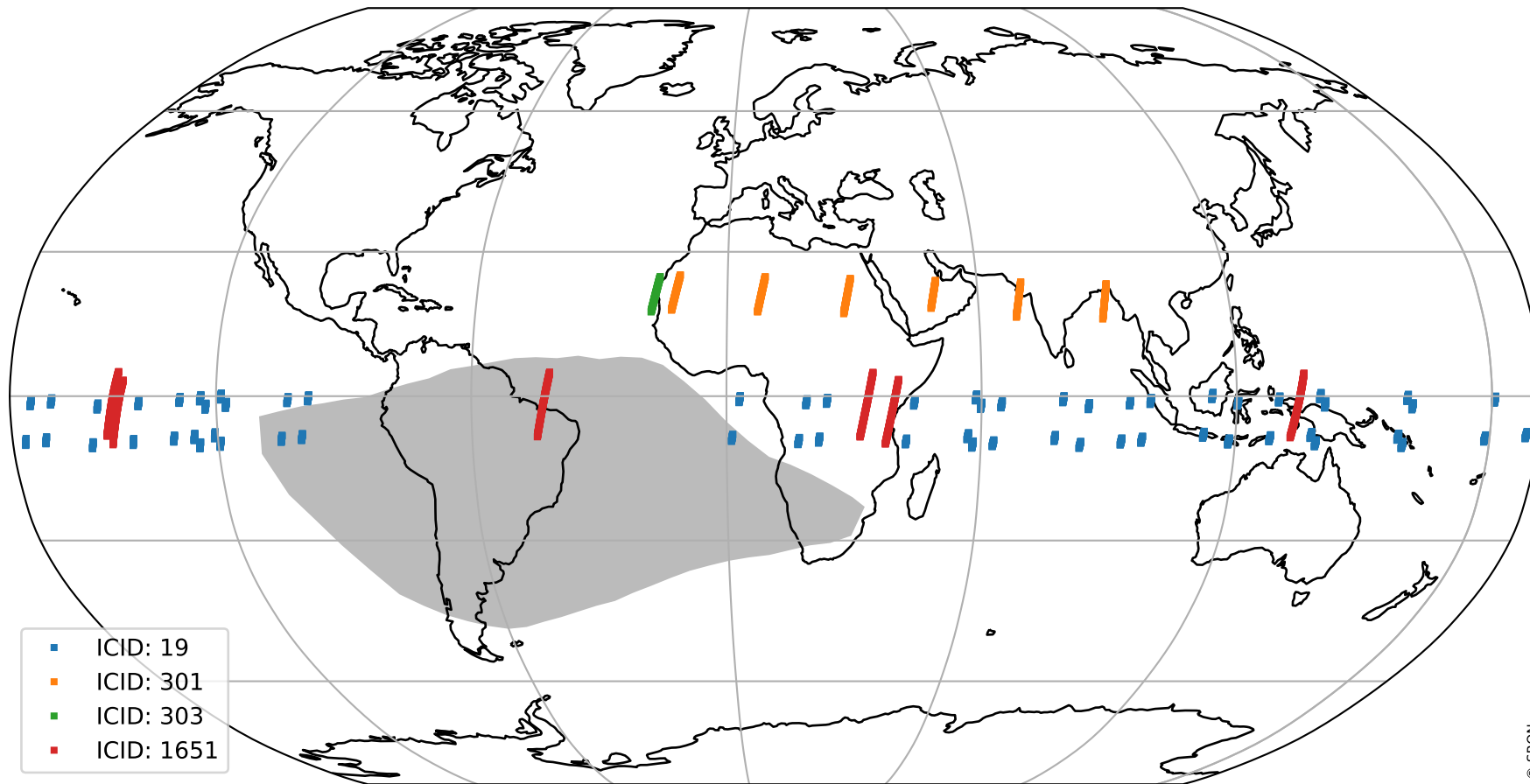
Tropomi SWIR background noise (swir)

orbits : 13 in [20032, 20122]
coverage : 2021-08-25 / 2021-08-31
median : 0.98245
spread : 0.16882
created : 2023-08-21T16:09:30



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

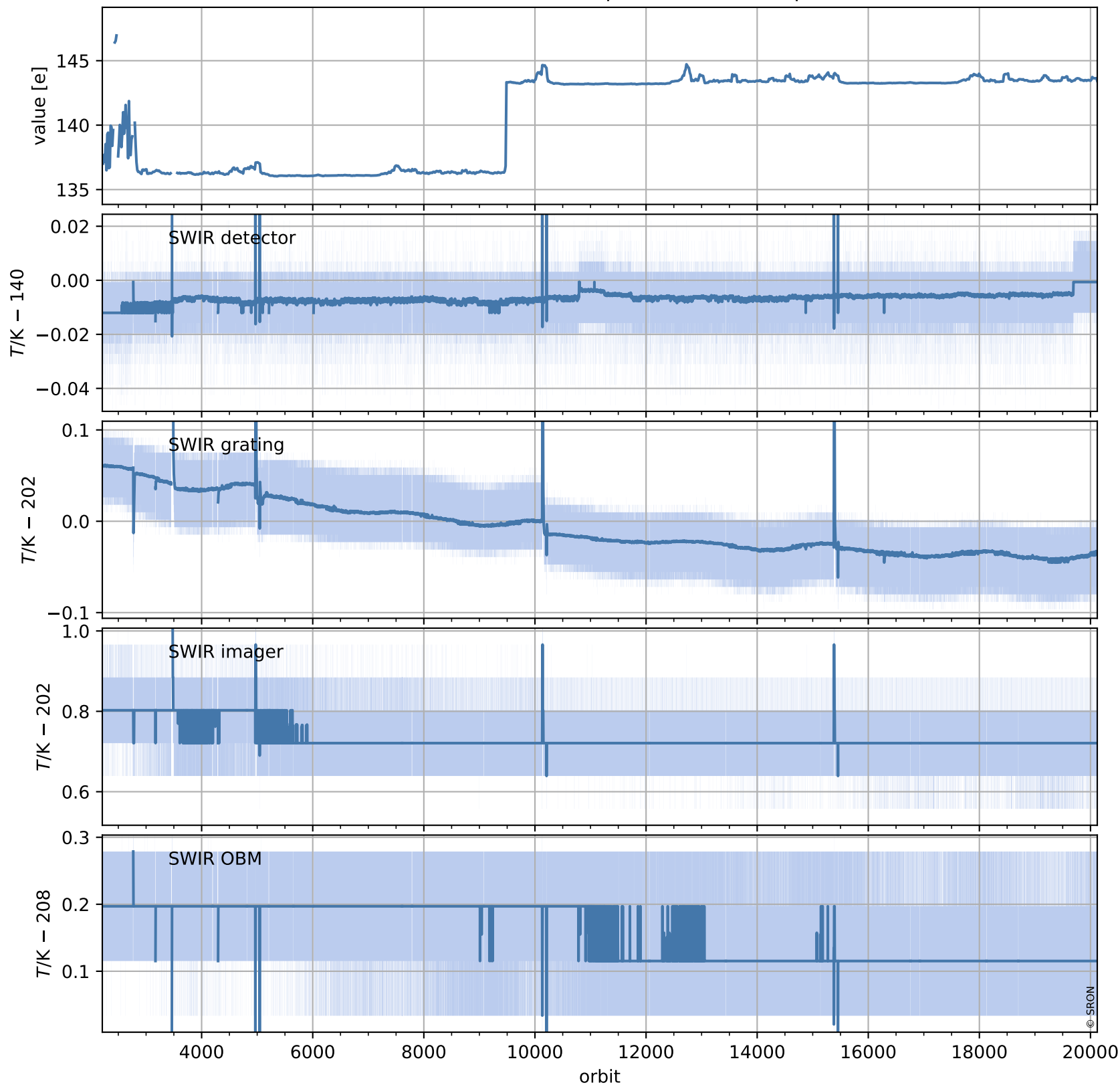
orbits : 13 in [20032, 20122]
coverage : 2021-08-25 / 2021-08-31
created : 2023-08-21T16:09:30



Tropomi SWIR background noise (swir)

orbits : [2212, 20122]
coverage : 2018-03-18 / 2021-08-31
created : 2023-08-21T16:09:30

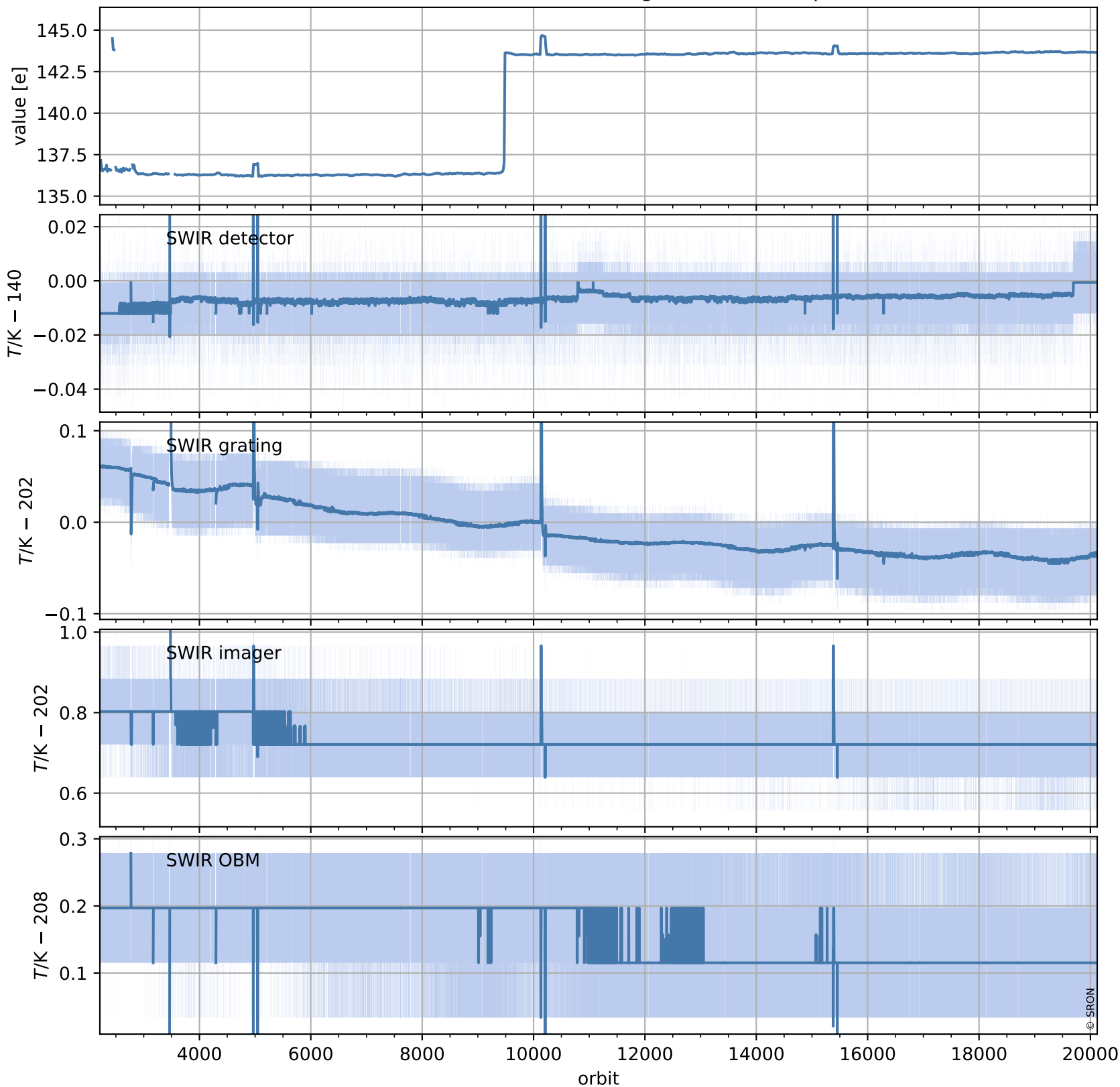
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20122]
coverage : 2018-03-18 / 2021-08-31
created : 2023-08-21T16:09:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20122]
coverage : 2018-03-18 / 2021-08-31
created : 2023-08-21T16:09:32

trend of normalized read-noise & temperatures

