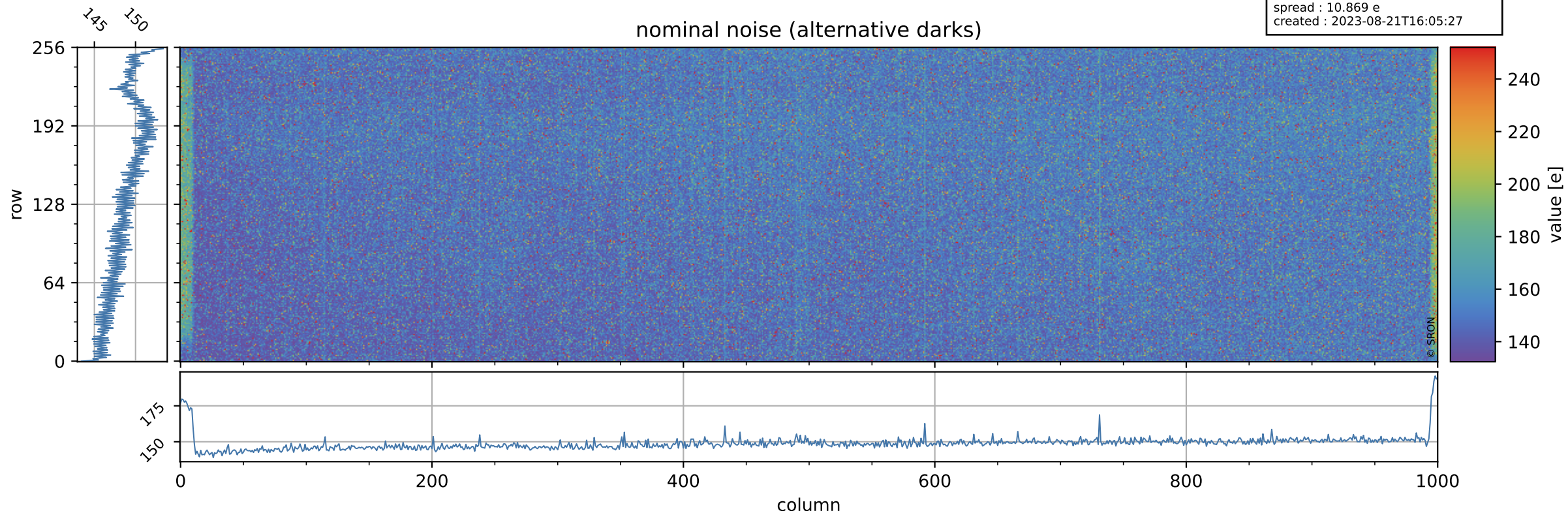


Tropomi SWIR background noise (swir)

orbits : 13 in [19387, 19462]
coverage : 2021-07-10 / 2021-07-15
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.869 e
created : 2023-08-21T16:05:27

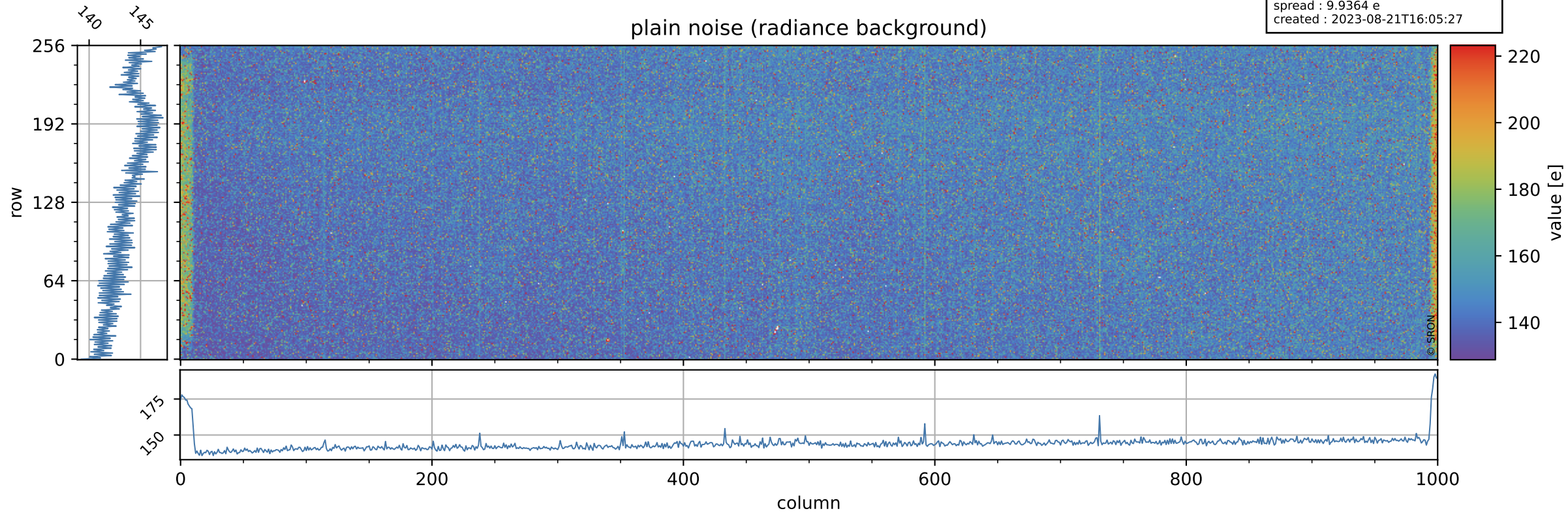
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [19387, 19462]
coverage : 2021-07-10 / 2021-07-15
n_coad, t_exp : 1, 0.8383
median : 143.59 e
spread : 9.9364 e
created : 2023-08-21T16:05:27

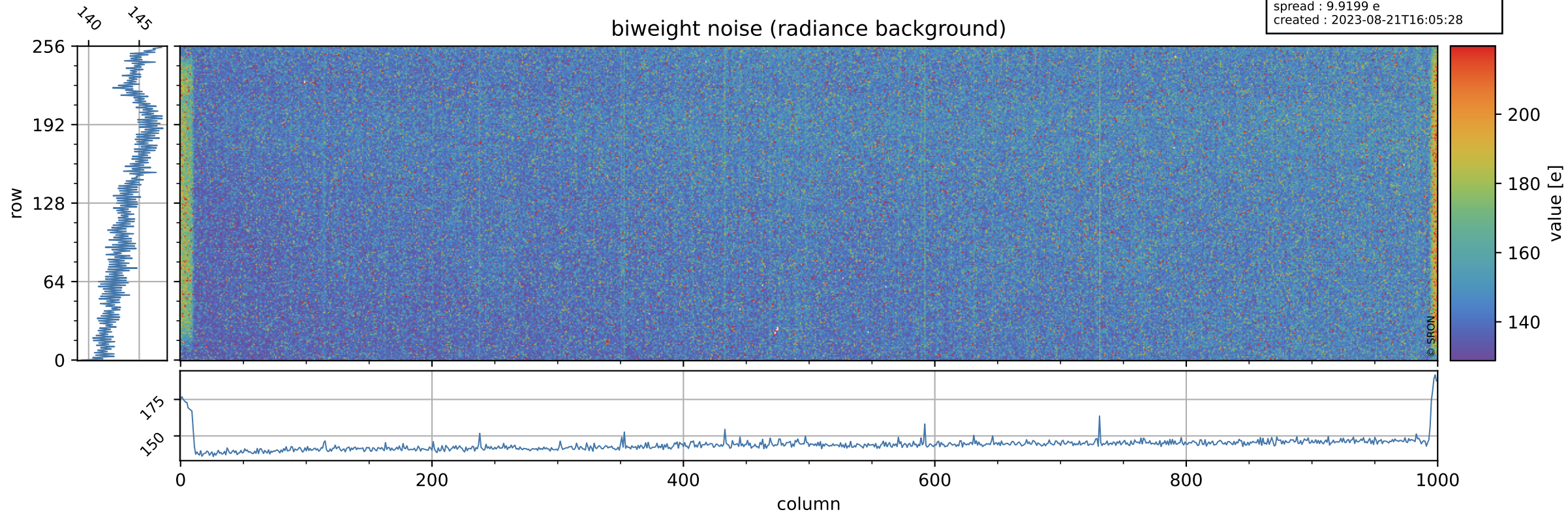
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [19387, 19462]
coverage : 2021-07-10 / 2021-07-15
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.9199 e
created : 2023-08-21T16:05:28

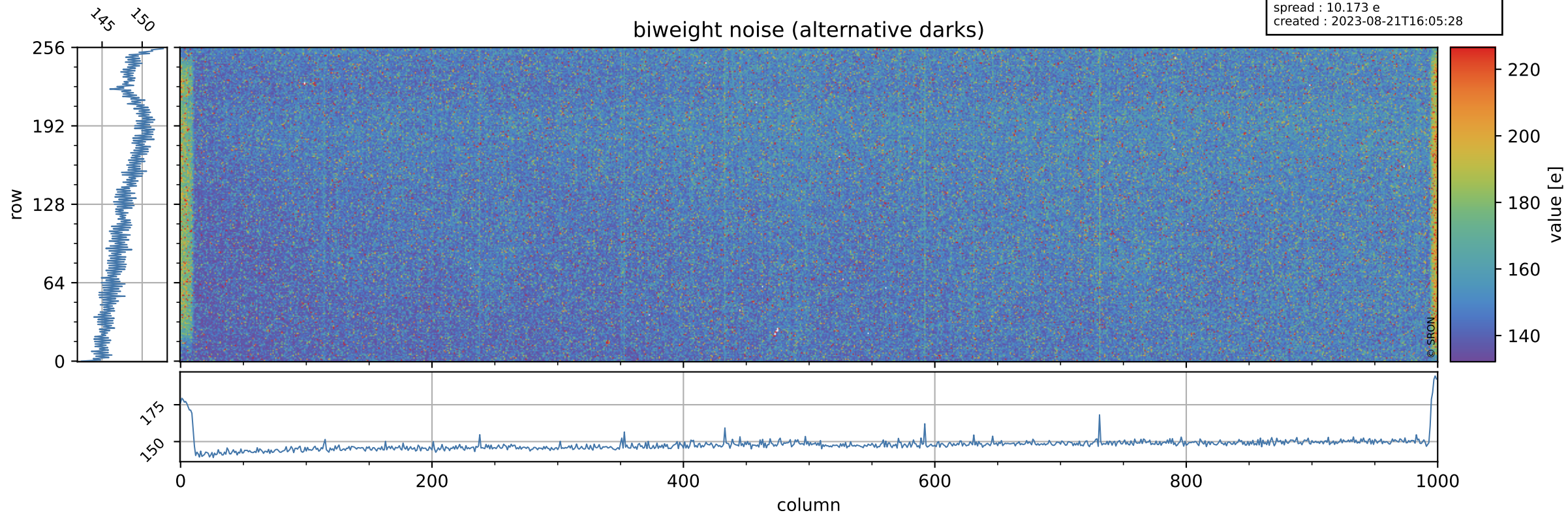
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [19387, 19462]
coverage : 2021-07-10 / 2021-07-15
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.173 e
created : 2023-08-21T16:05:28

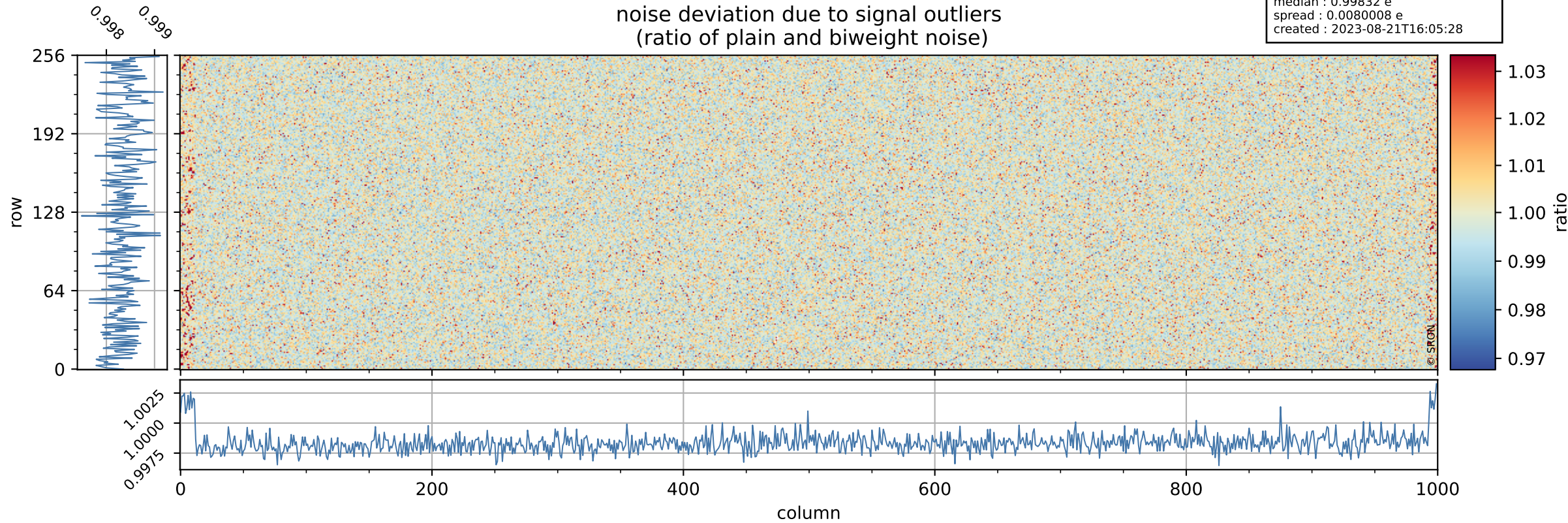
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

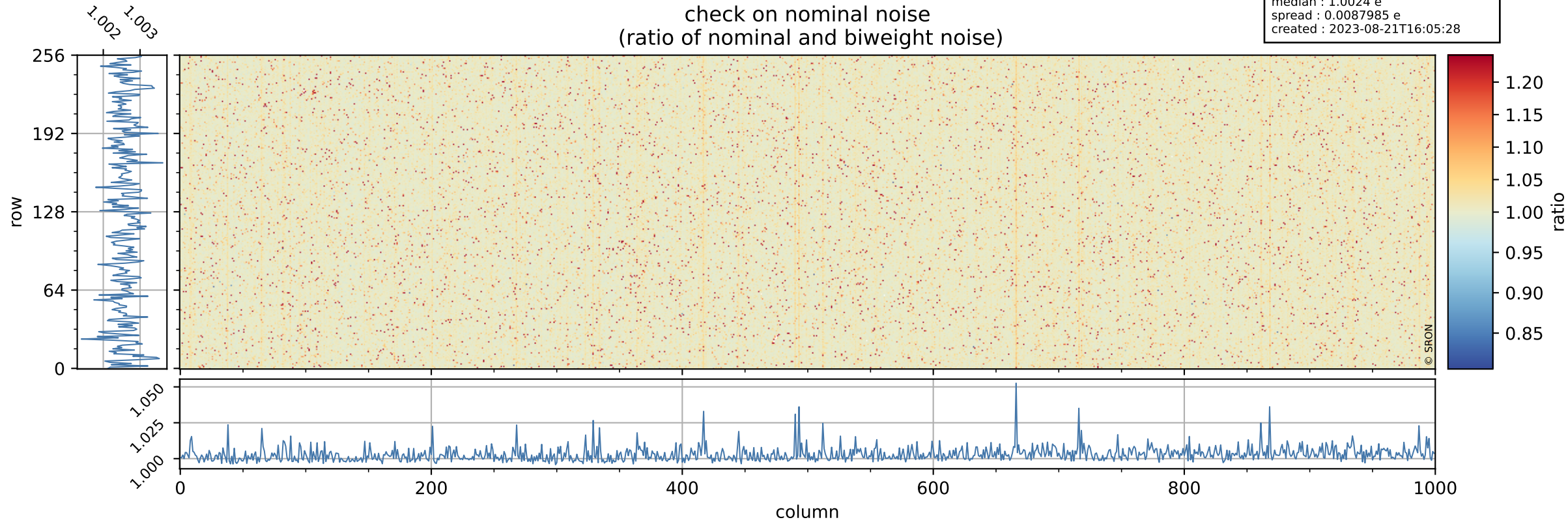
orbits : 13 in [19387, 19462]
coverage : 2021-07-10 / 2021-07-15
median : 0.99832 e
spread : 0.0080008 e
created : 2023-08-21T16:05:28



Tropomi SWIR background noise (swir)

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

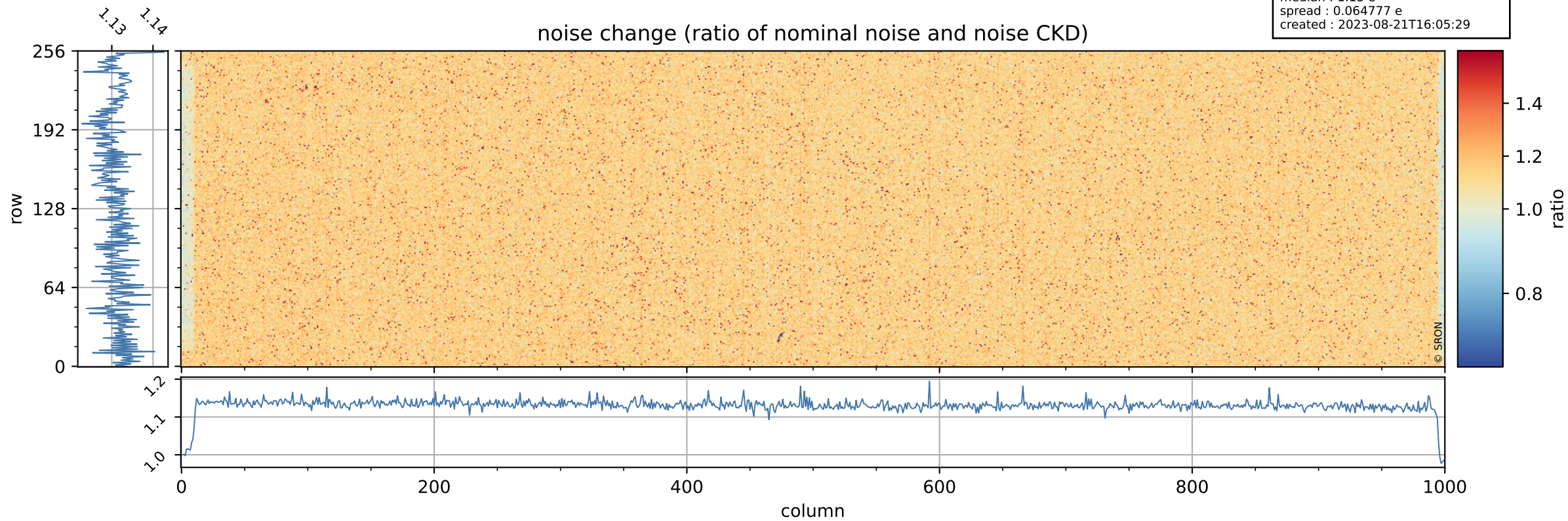
orbits : 13 in [19387, 19462]
coverage : 2021-07-10 / 2021-07-15
median : 1.0024 e
spread : 0.0087985 e
created : 2023-08-21T16:05:28



Tropomi SWIR background noise (swir)

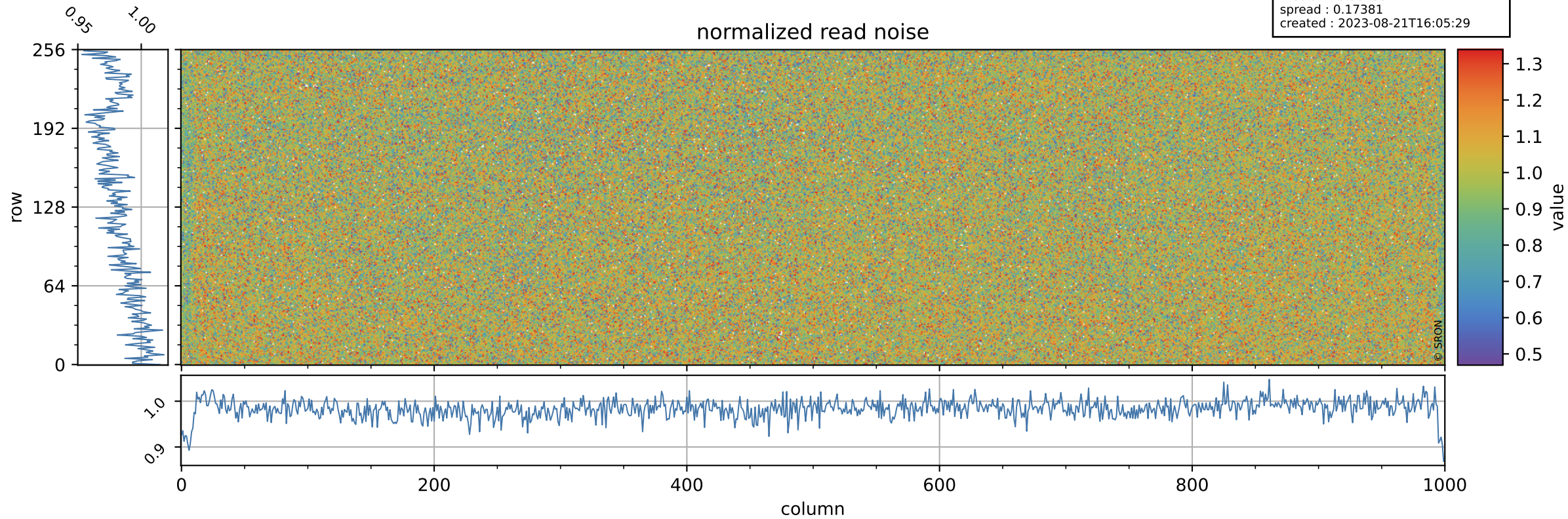
orbits : 13 in [19387, 19462]
coverage : 2021-07-10 / 2021-07-15
median : 1.13 e
spread : 0.064777 e
created : 2023-08-21T16:05:29

noise change (ratio of nominal noise and noise CKD)



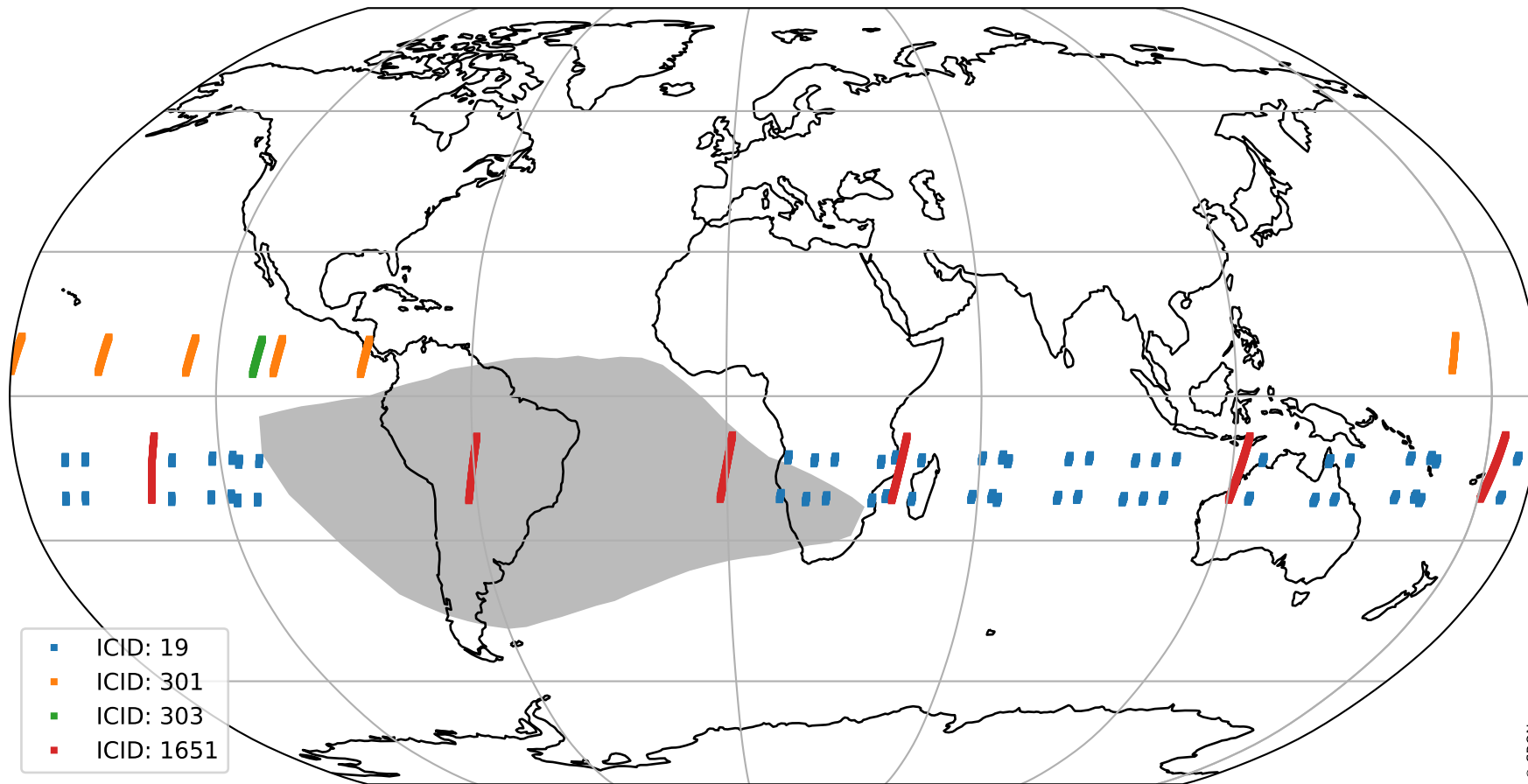
Tropomi SWIR background noise (swir)

orbits : 13 in [19387, 19462]
coverage : 2021-07-10 / 2021-07-15
median : 0.98239
spread : 0.17381
created : 2023-08-21T16:05:29



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

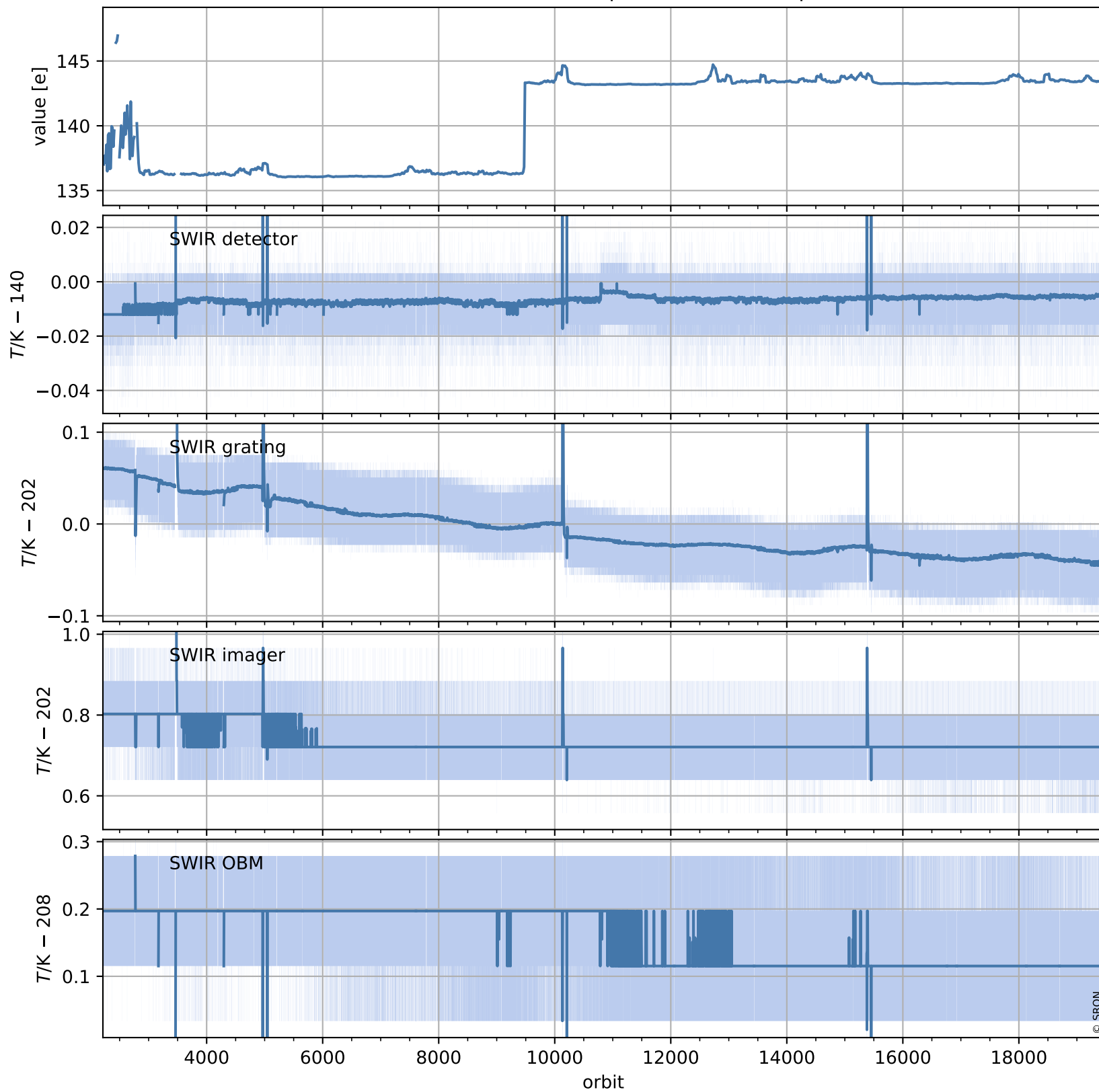
orbits : 13 in [19387, 19462]
coverage : 2021-07-10 / 2021-07-15
created : 2023-08-21T16:05:29



Tropomi SWIR background noise (swir)

orbits : [2212, 19462]
coverage : 2018-03-18 / 2021-07-15
created : 2023-08-21T16:05:30

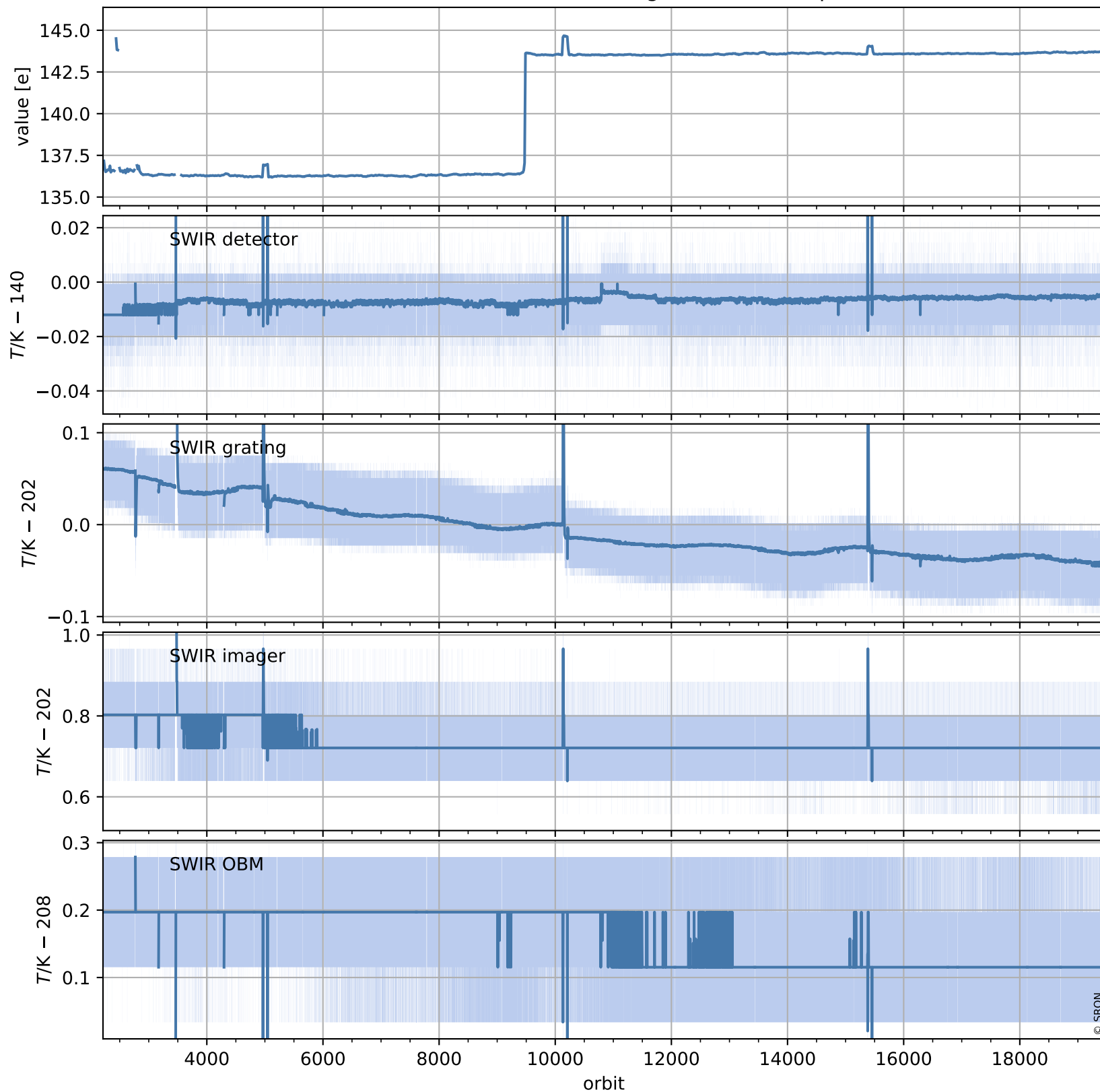
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19462]
coverage : 2018-03-18 / 2021-07-15
created : 2023-08-21T16:05:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19462]
coverage : 2018-03-18 / 2021-07-15
created : 2023-08-21T16:05:31

trend of normalized read-noise & temperatures

