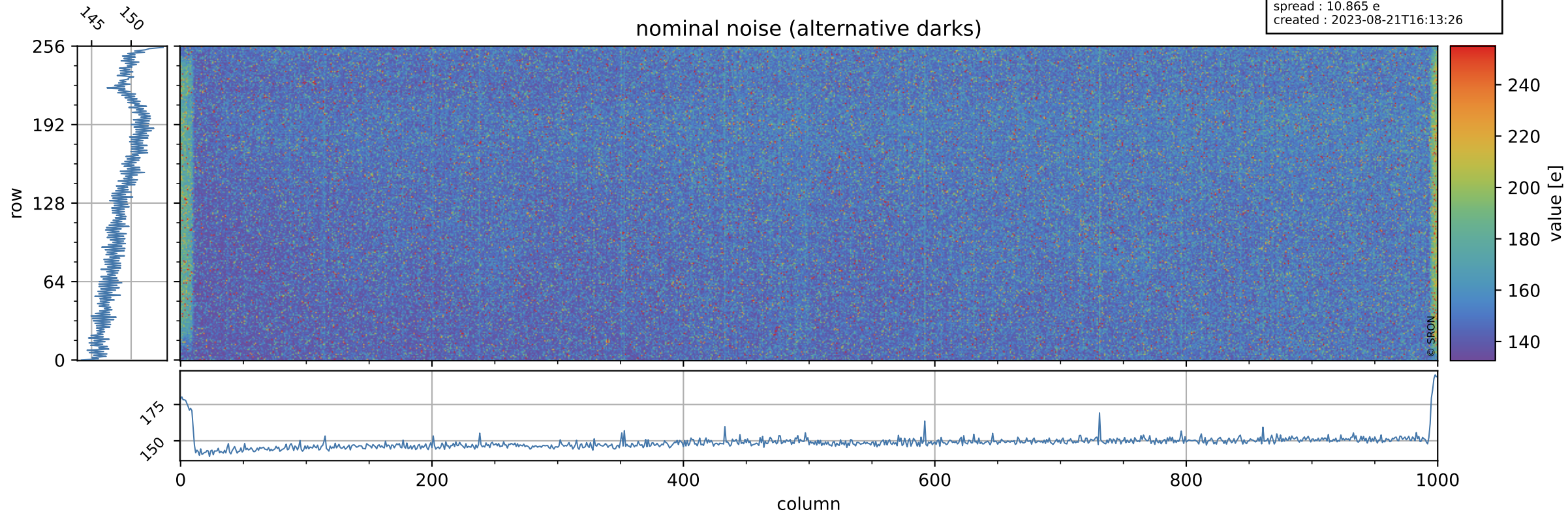


Tropomi SWIR background noise (swir)

orbits : 12 in [20677, 20767]
coverage : 2021-10-10 / 2021-10-16
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.865 e
created : 2023-08-21T16:13:26

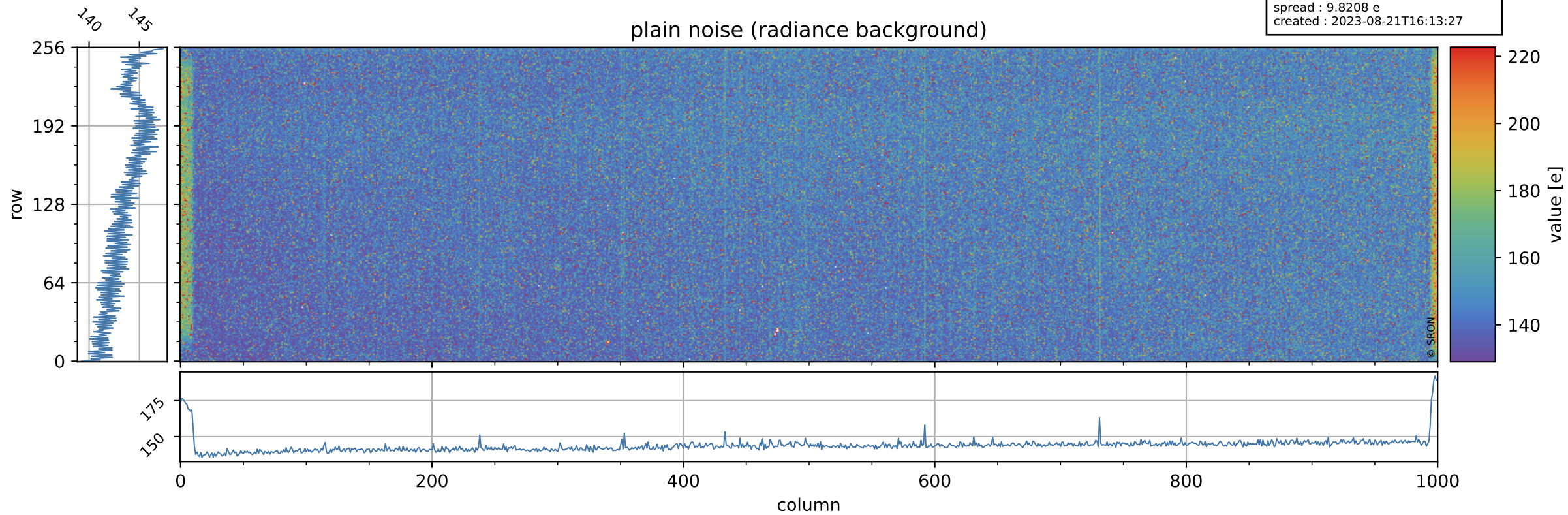
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20677, 20767]
coverage : 2021-10-10 / 2021-10-16
n_coad, t_exp : 1, 0.8383
median : 143.5 e
spread : 9.8208 e
created : 2023-08-21T16:13:27

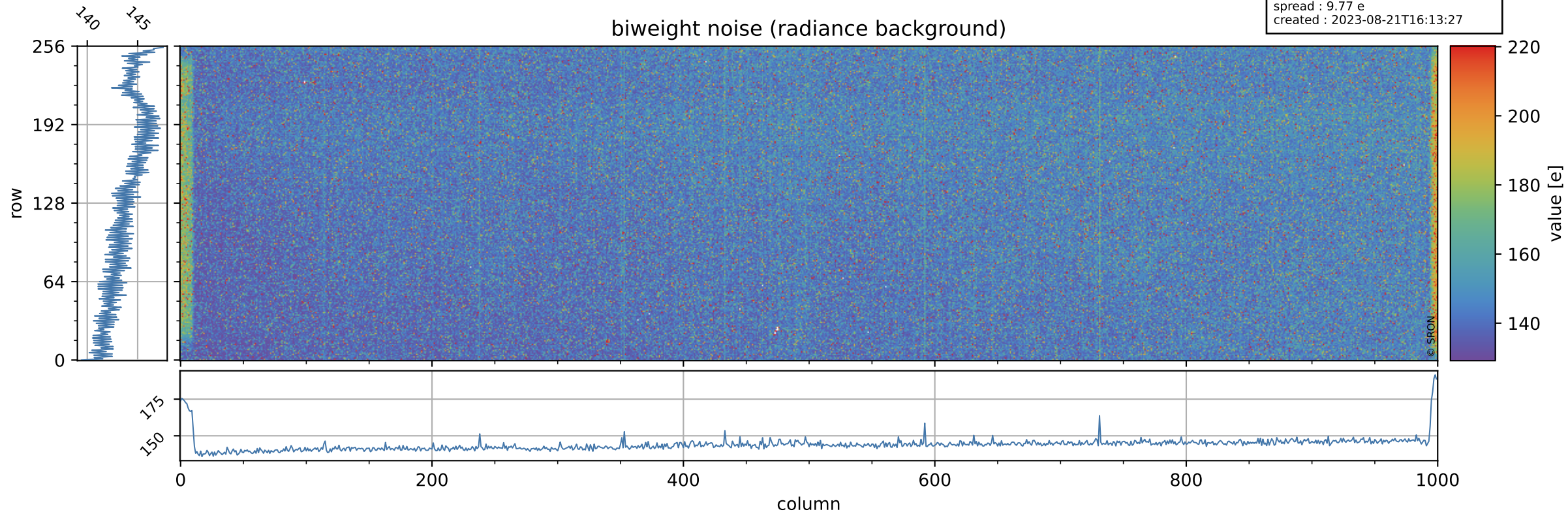
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20677, 20767]
coverage : 2021-10-10 / 2021-10-16
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.77 e
created : 2023-08-21T16:13:27

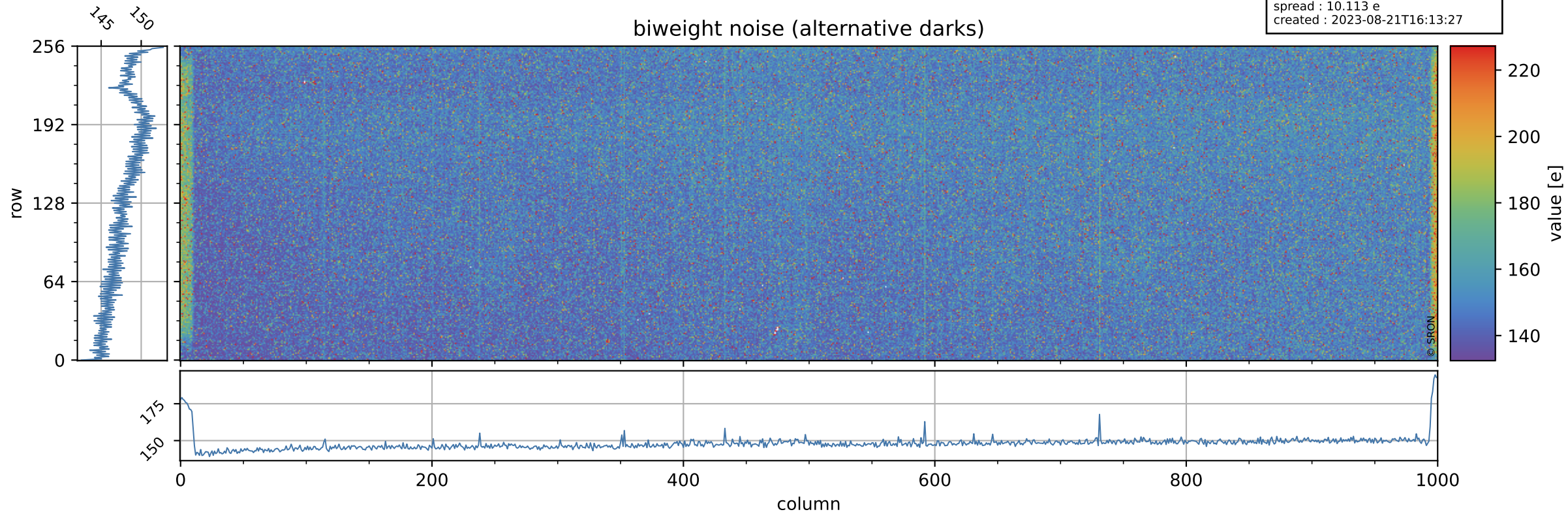
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20677, 20767]
coverage : 2021-10-10 / 2021-10-16
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.113 e
created : 2023-08-21T16:13:27

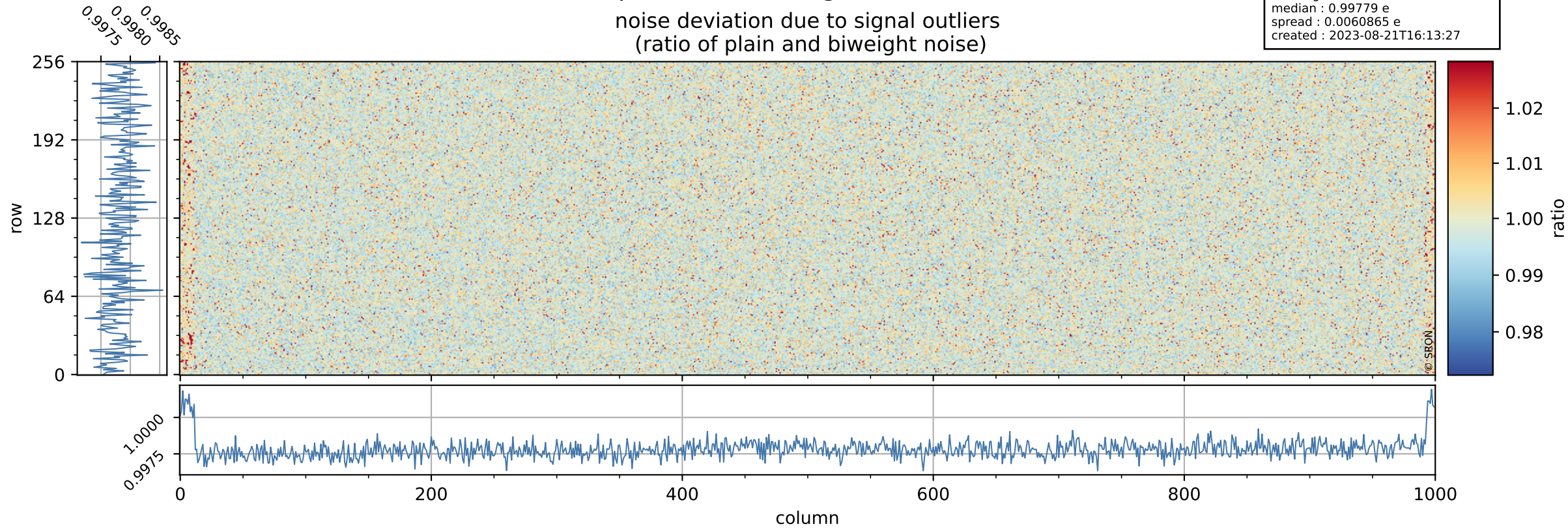
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

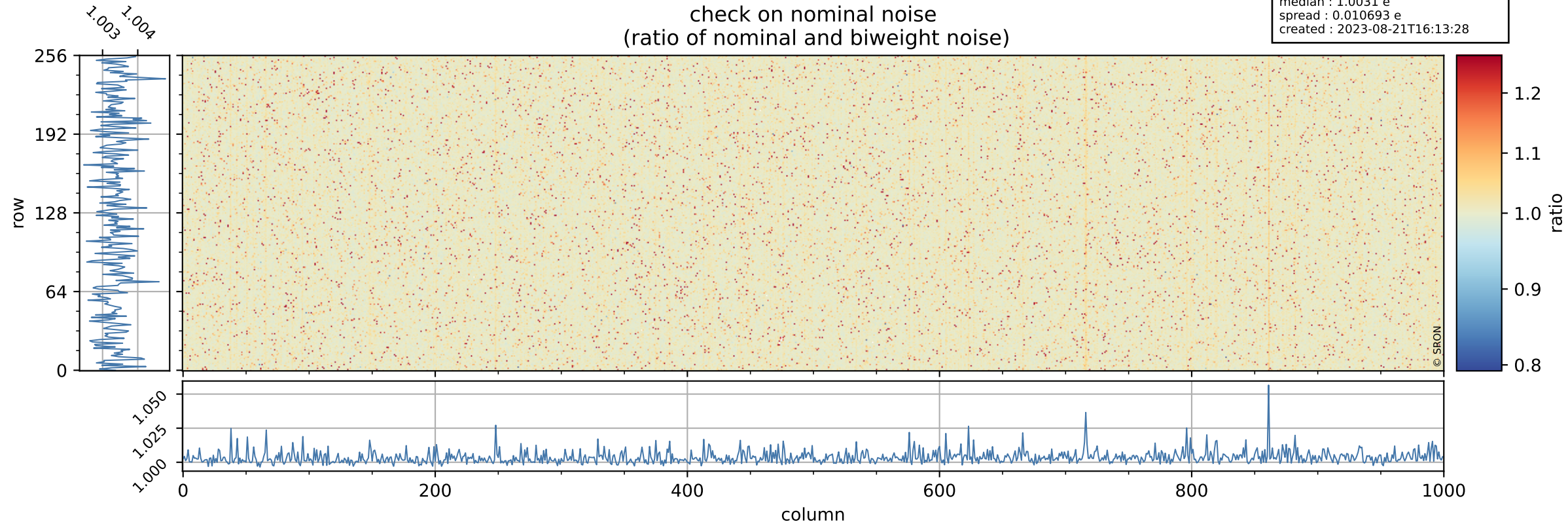
orbits : 12 in [20677, 20767]
coverage : 2021-10-10 / 2021-10-16
median : 0.99779 e
spread : 0.0060865 e
created : 2023-08-21T16:13:27



Tropomi SWIR background noise (swir)

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

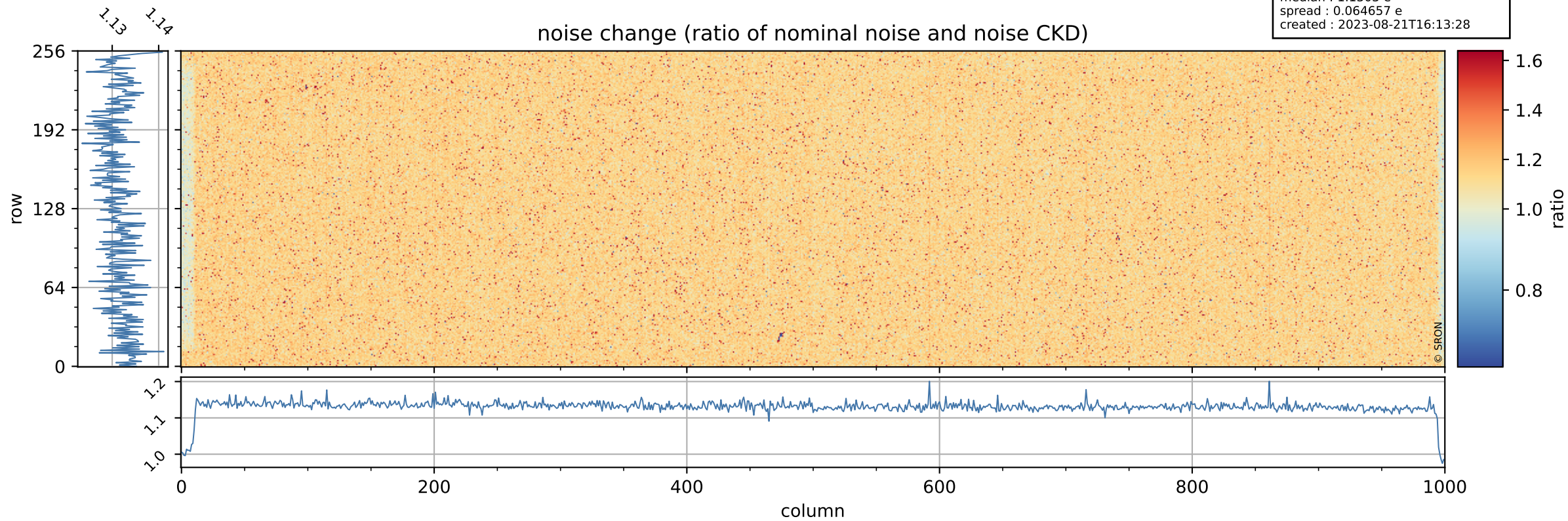
orbits : 12 in [20677, 20767]
coverage : 2021-10-10 / 2021-10-16
median : 1.0031 e
spread : 0.010693 e
created : 2023-08-21T16:13:28



Tropomi SWIR background noise (swir)

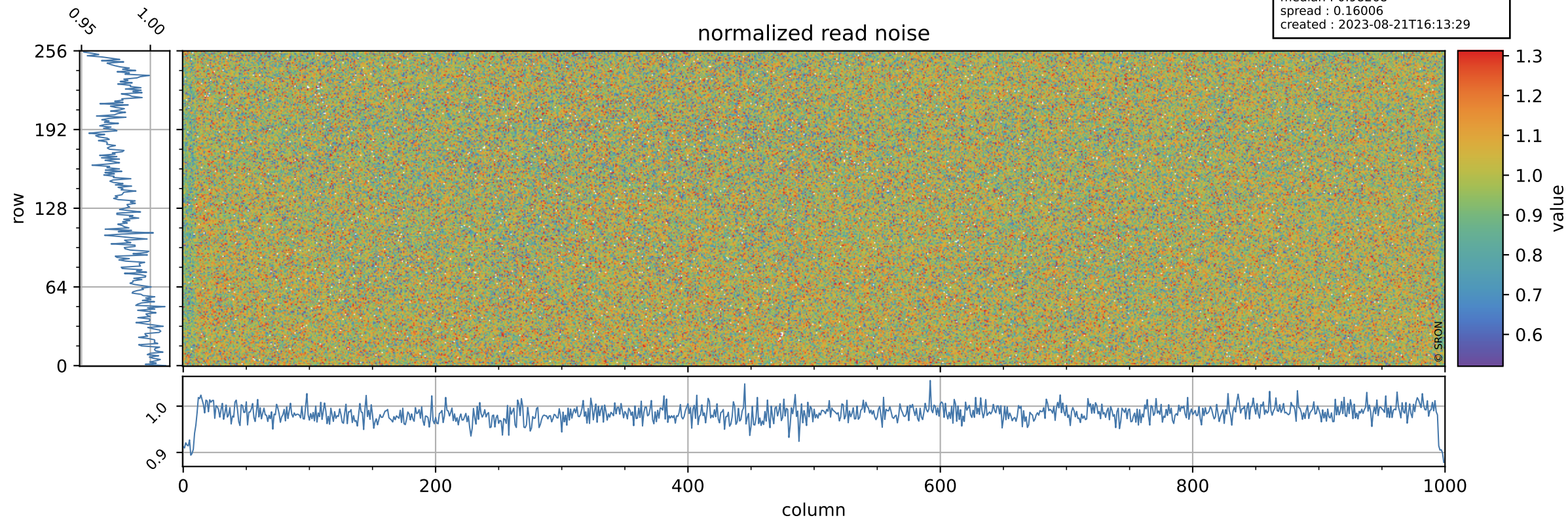
orbits : 12 in [20677, 20767]
coverage : 2021-10-10 / 2021-10-16
median : 1.1303 e
spread : 0.064657 e
created : 2023-08-21T16:13:28

noise change (ratio of nominal noise and noise CKD)



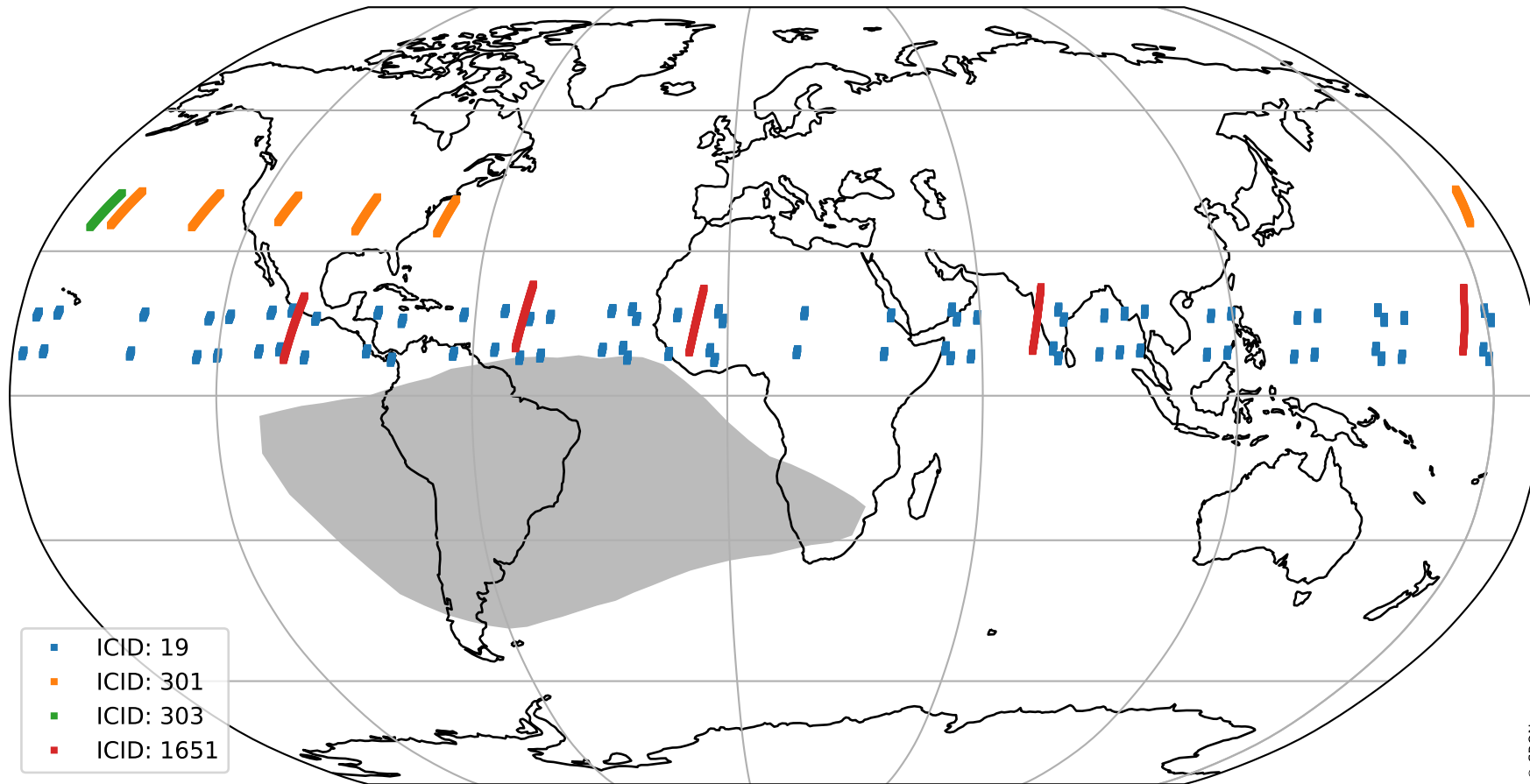
Tropomi SWIR background noise (swir)

orbits : 12 in [20677, 20767]
coverage : 2021-10-10 / 2021-10-16
median : 0.98268
spread : 0.16006
created : 2023-08-21T16:13:29



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

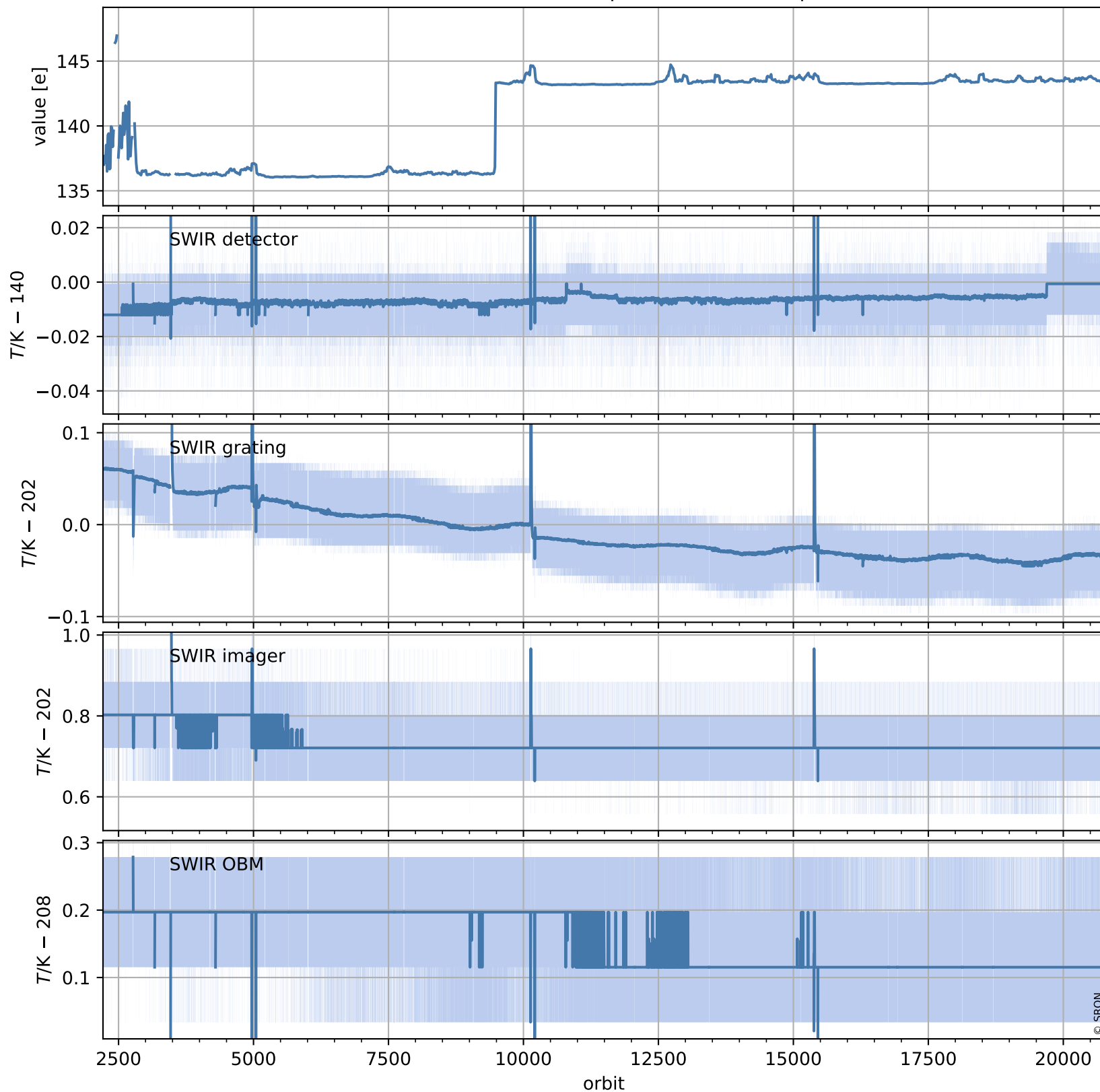
orbits : 12 in [20677, 20767]
coverage : 2021-10-10 / 2021-10-16
created : 2023-08-21T16:13:29



Tropomi SWIR background noise (swir)

orbits : [2212, 20767]
coverage : 2018-03-18 / 2021-10-16
created : 2023-08-21T16:13:29

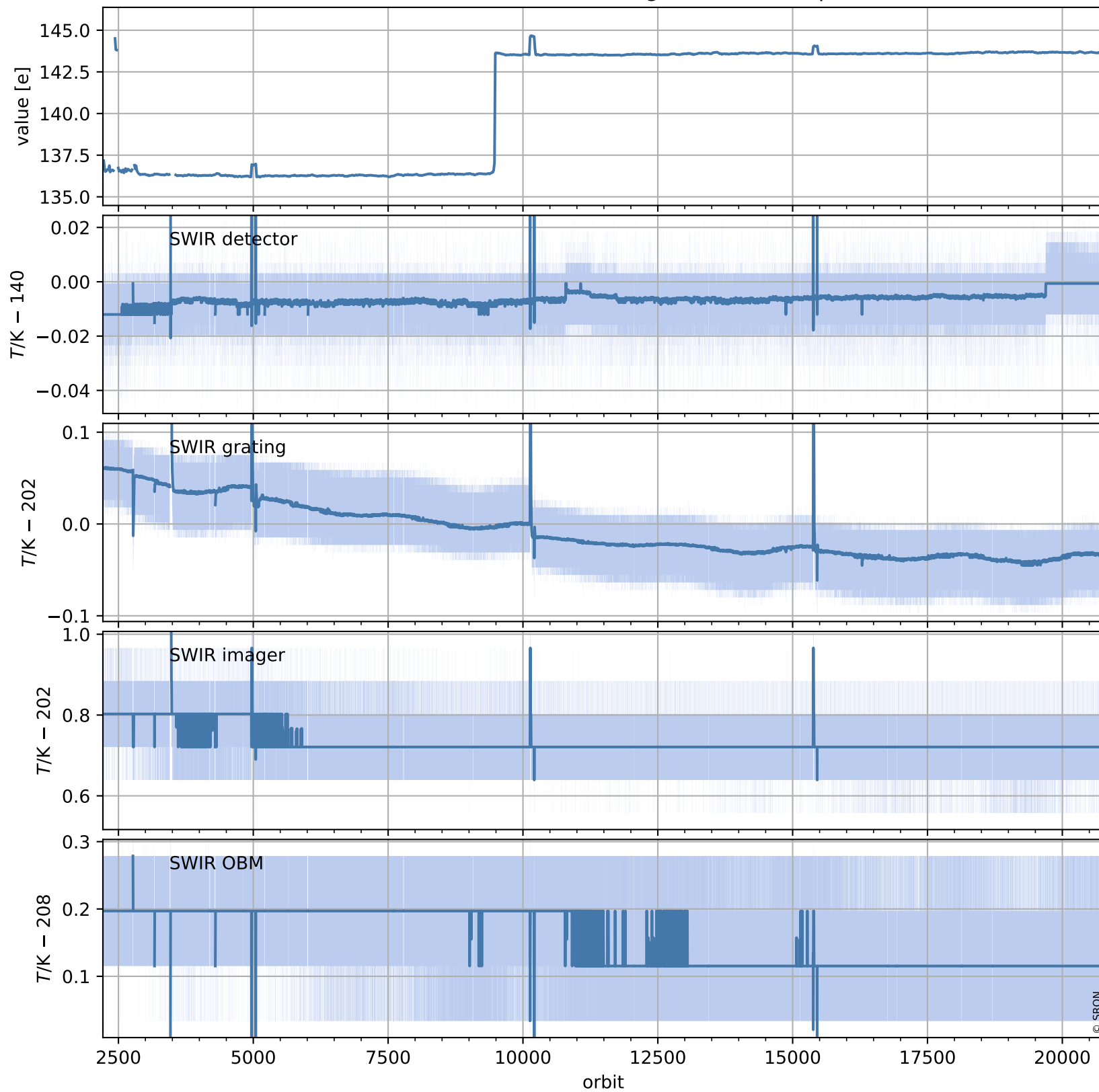
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20767]
coverage : 2018-03-18 / 2021-10-16
created : 2023-08-21T16:13:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20767]
coverage : 2018-03-18 / 2021-10-16
created : 2023-08-21T16:13:31

trend of normalized read-noise & temperatures

