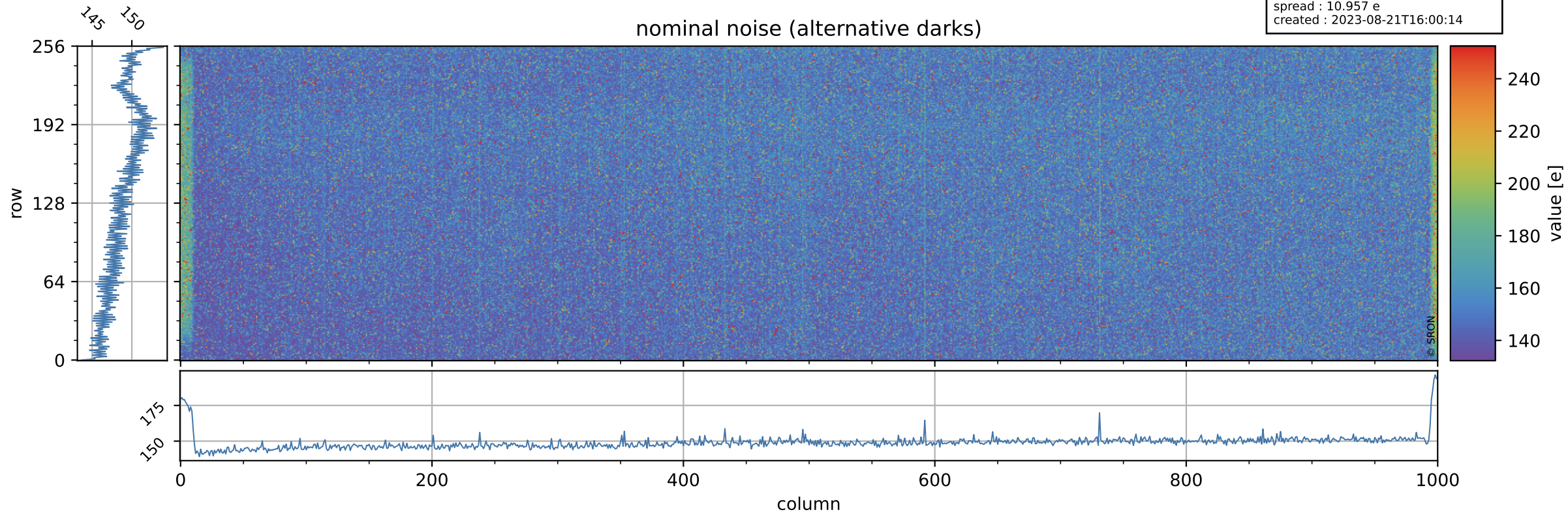


Tropomi SWIR background noise (swir)

orbits : 12 in [18502, 18592]
coverage : 2021-05-09 / 2021-05-15
n_coad, t_exp : 1, 1.0783
median : 148.73 e
spread : 10.957 e
created : 2023-08-21T16:00:14

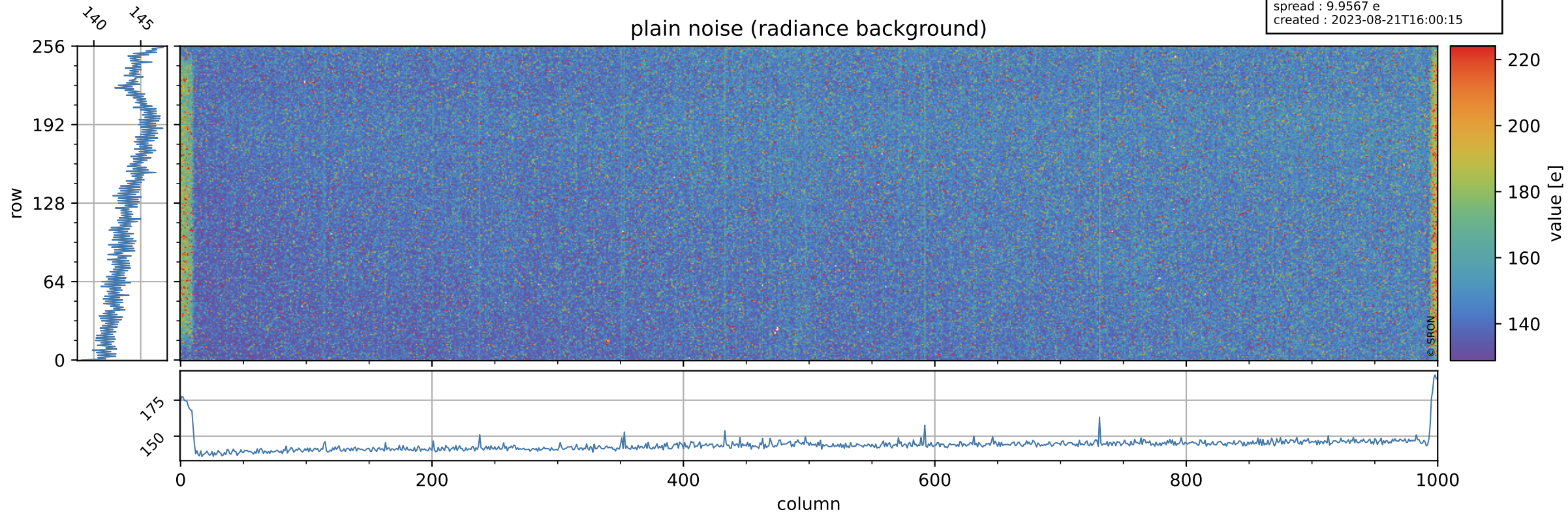
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18502, 18592]
coverage : 2021-05-09 / 2021-05-15
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 9.9567 e
created : 2023-08-21T16:00:15

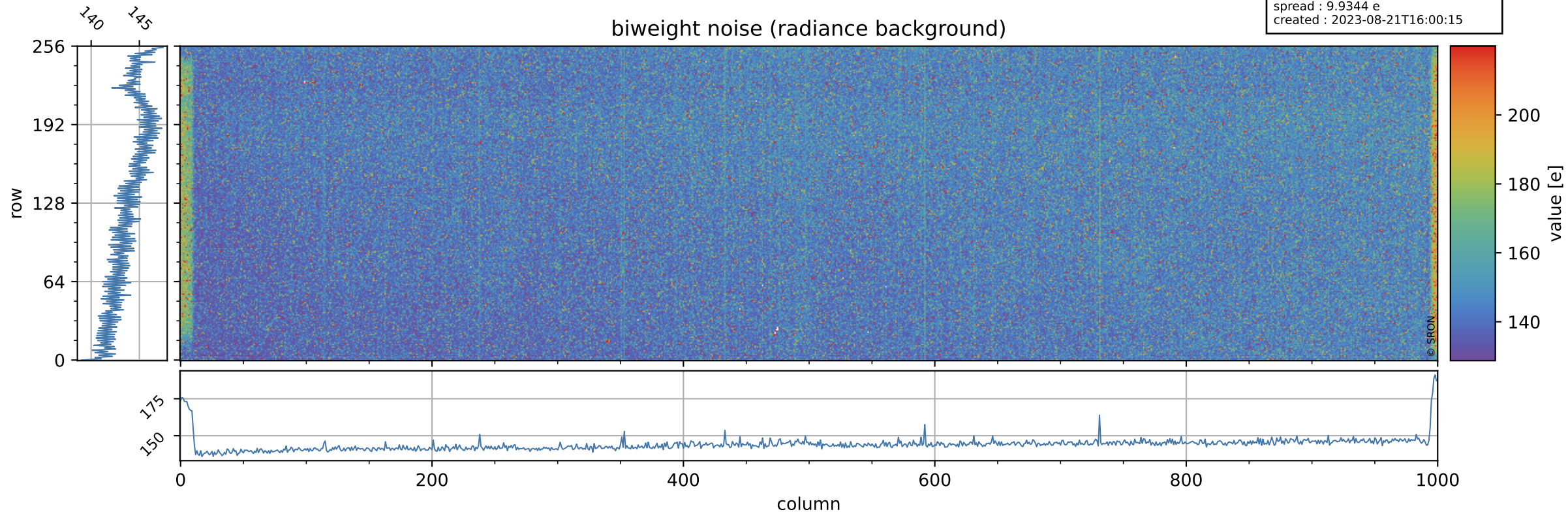
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18502, 18592]
coverage : 2021-05-09 / 2021-05-15
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.9344 e
created : 2023-08-21T16:00:15

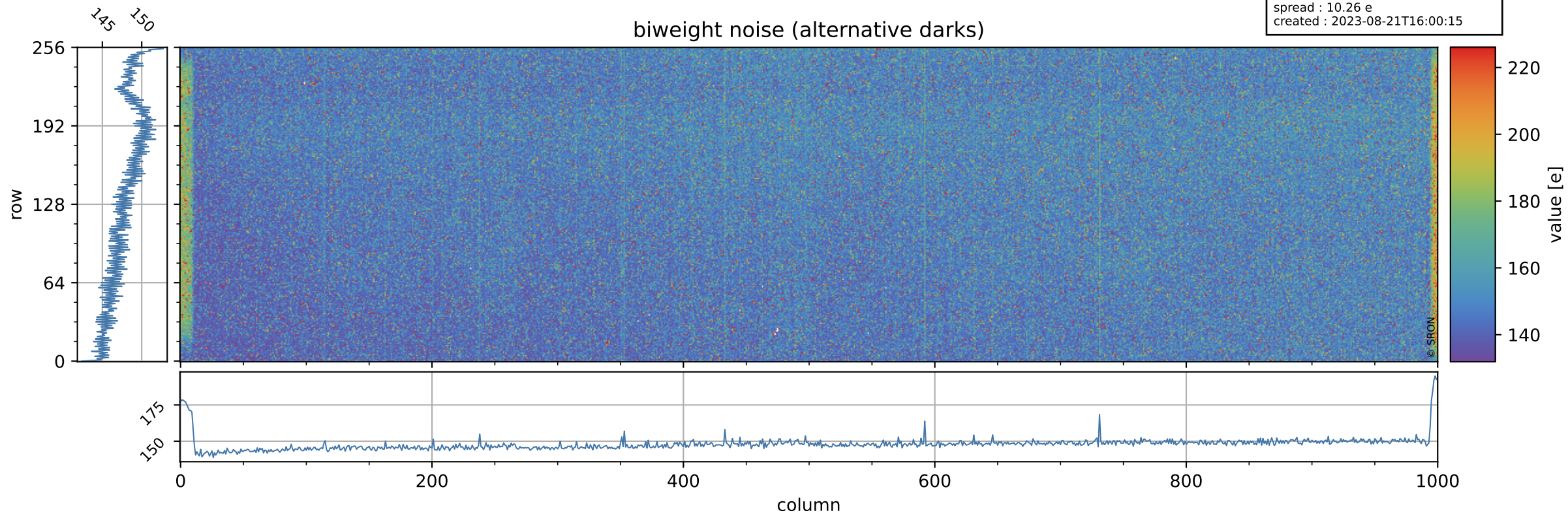
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18502, 18592]
coverage : 2021-05-09 / 2021-05-15
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.26 e
created : 2023-08-21T16:00:15

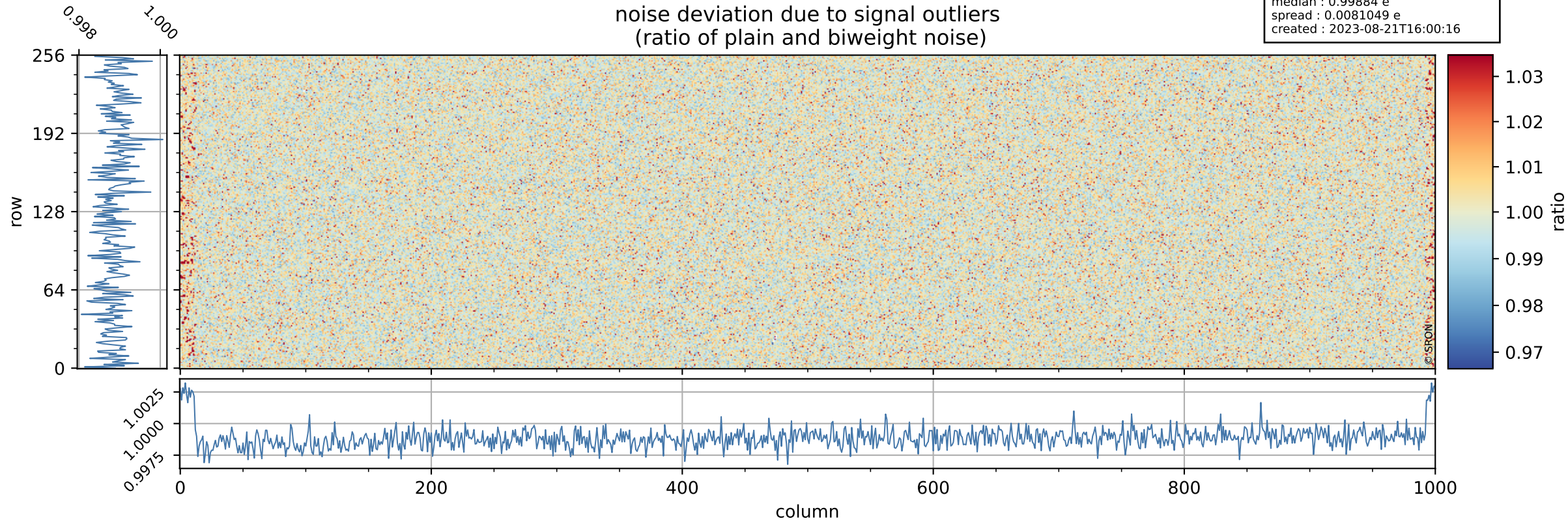
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

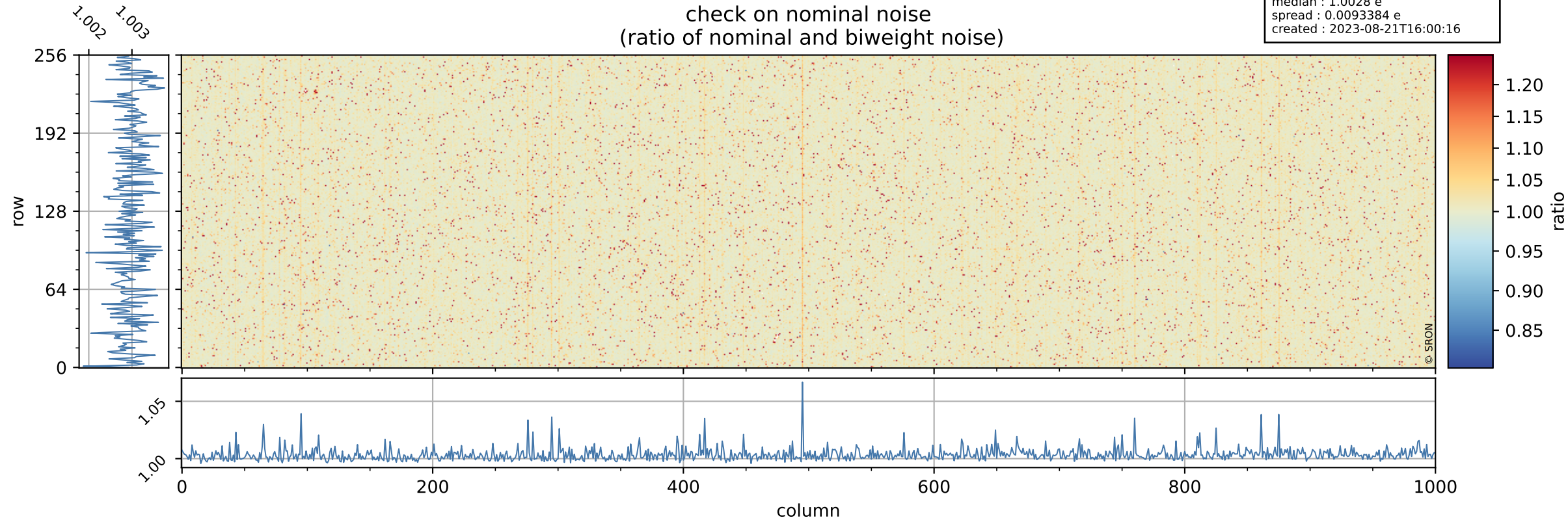
orbits : 12 in [18502, 18592]
coverage : 2021-05-09 / 2021-05-15
median : 0.99884 e
spread : 0.0081049 e
created : 2023-08-21T16:00:16



Tropomi SWIR background noise (swir)

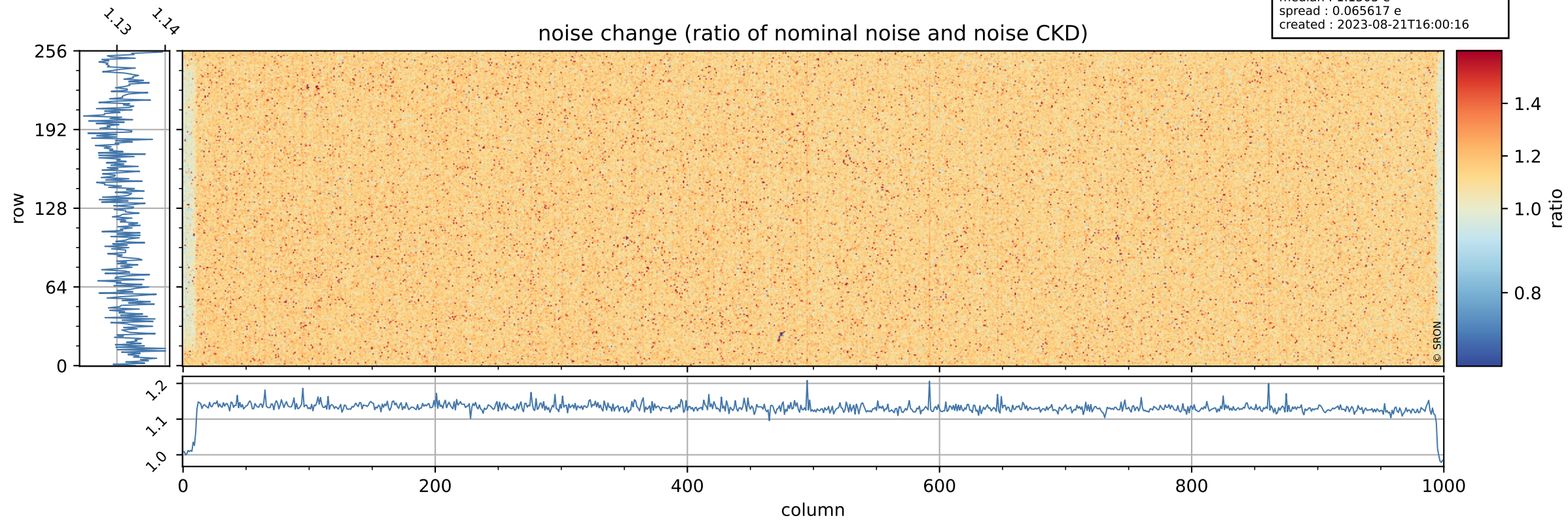
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18502, 18592]
coverage : 2021-05-09 / 2021-05-15
median : 1.0028 e
spread : 0.0093384 e
created : 2023-08-21T16:00:16



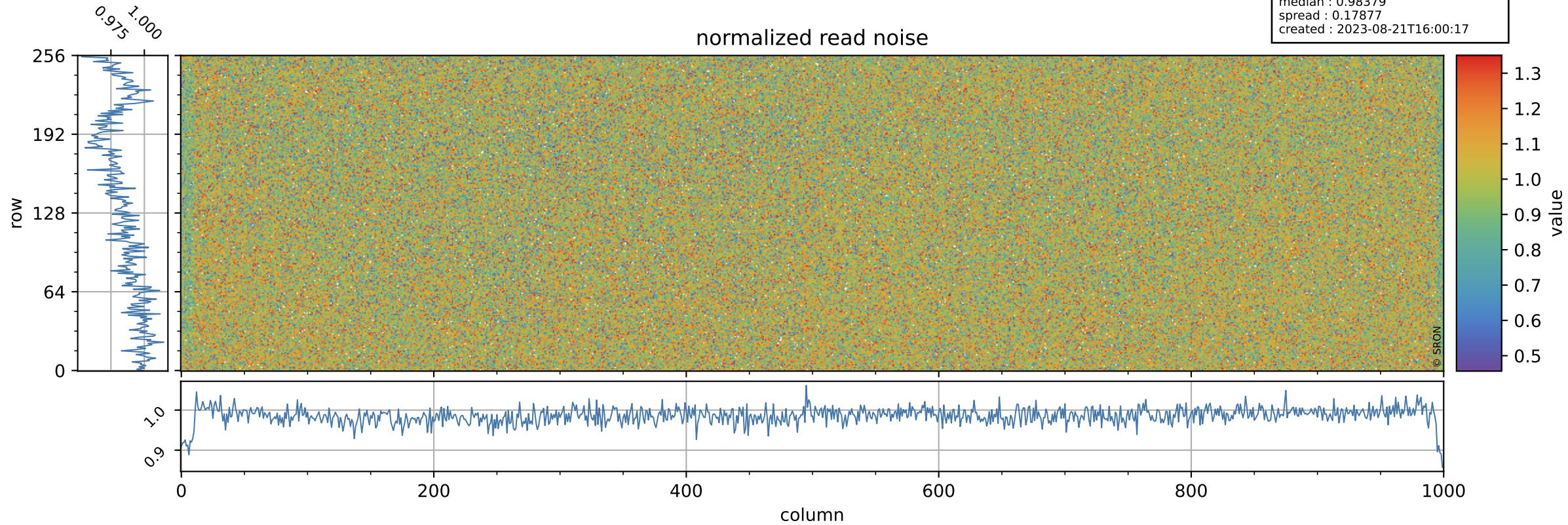
Tropomi SWIR background noise (swir)

orbits : 12 in [18502, 18592]
coverage : 2021-05-09 / 2021-05-15
median : 1.1303 e
spread : 0.065617 e
created : 2023-08-21T16:00:16



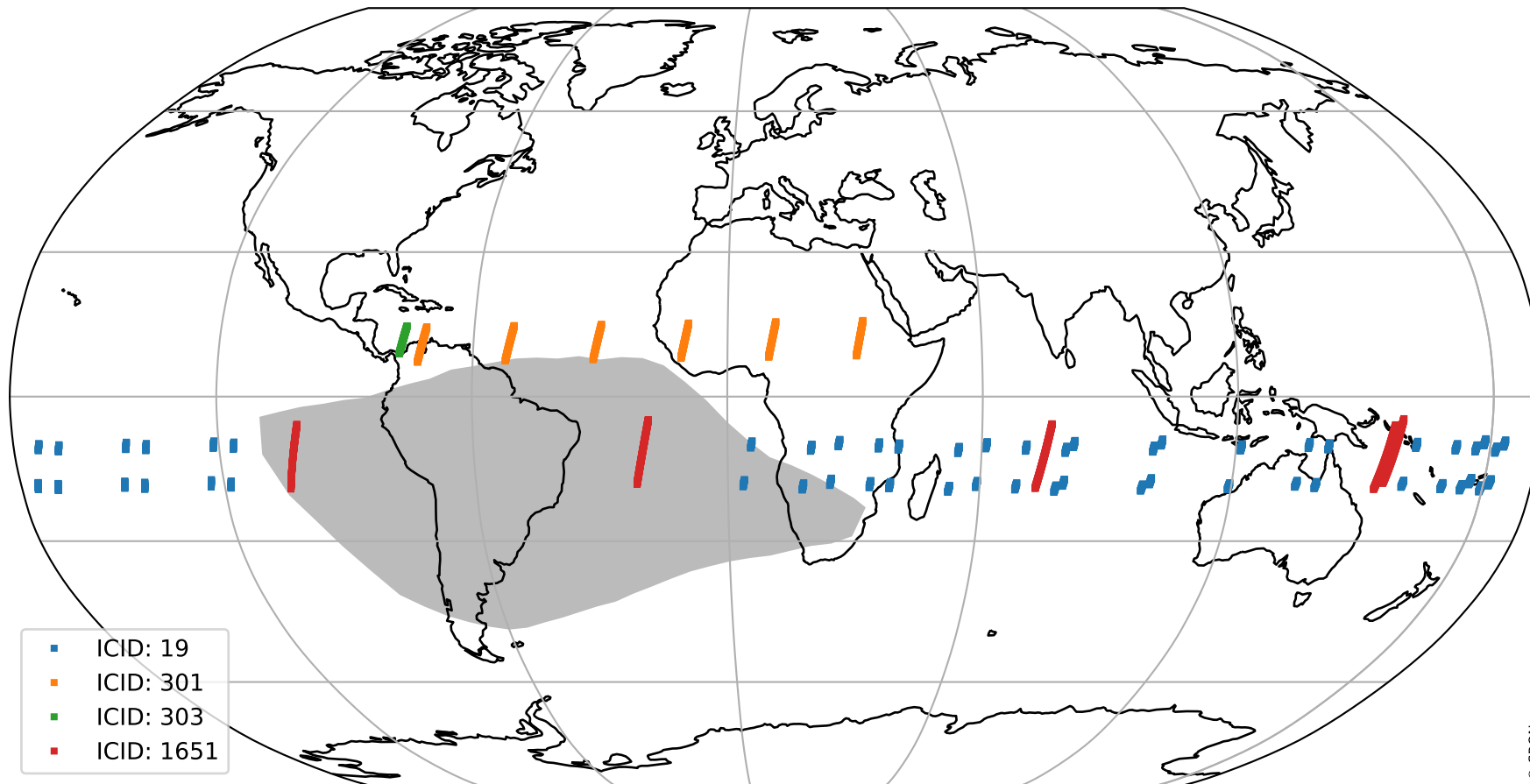
Tropomi SWIR background noise (swir)

orbits : 12 in [18502, 18592]
coverage : 2021-05-09 / 2021-05-15
median : 0.98379
spread : 0.17877
created : 2023-08-21T16:00:17



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

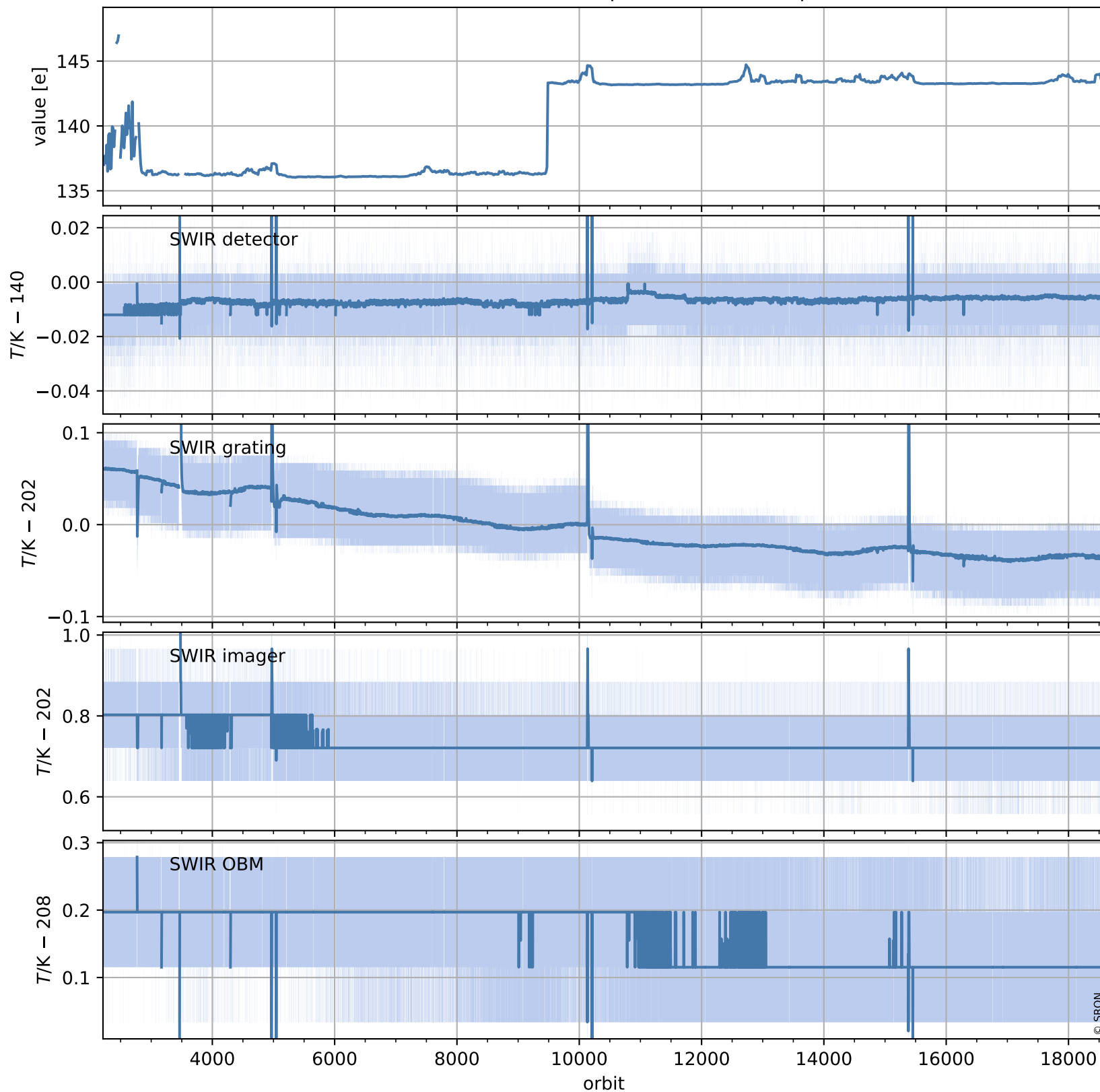
orbits : 12 in [18502, 18592]
coverage : 2021-05-09 / 2021-05-15
created : 2023-08-21T16:00:17



Tropomi SWIR background noise (swir)

orbits : [2212, 18592]
coverage : 2018-03-18 / 2021-05-15
created : 2023-08-21T16:00:17

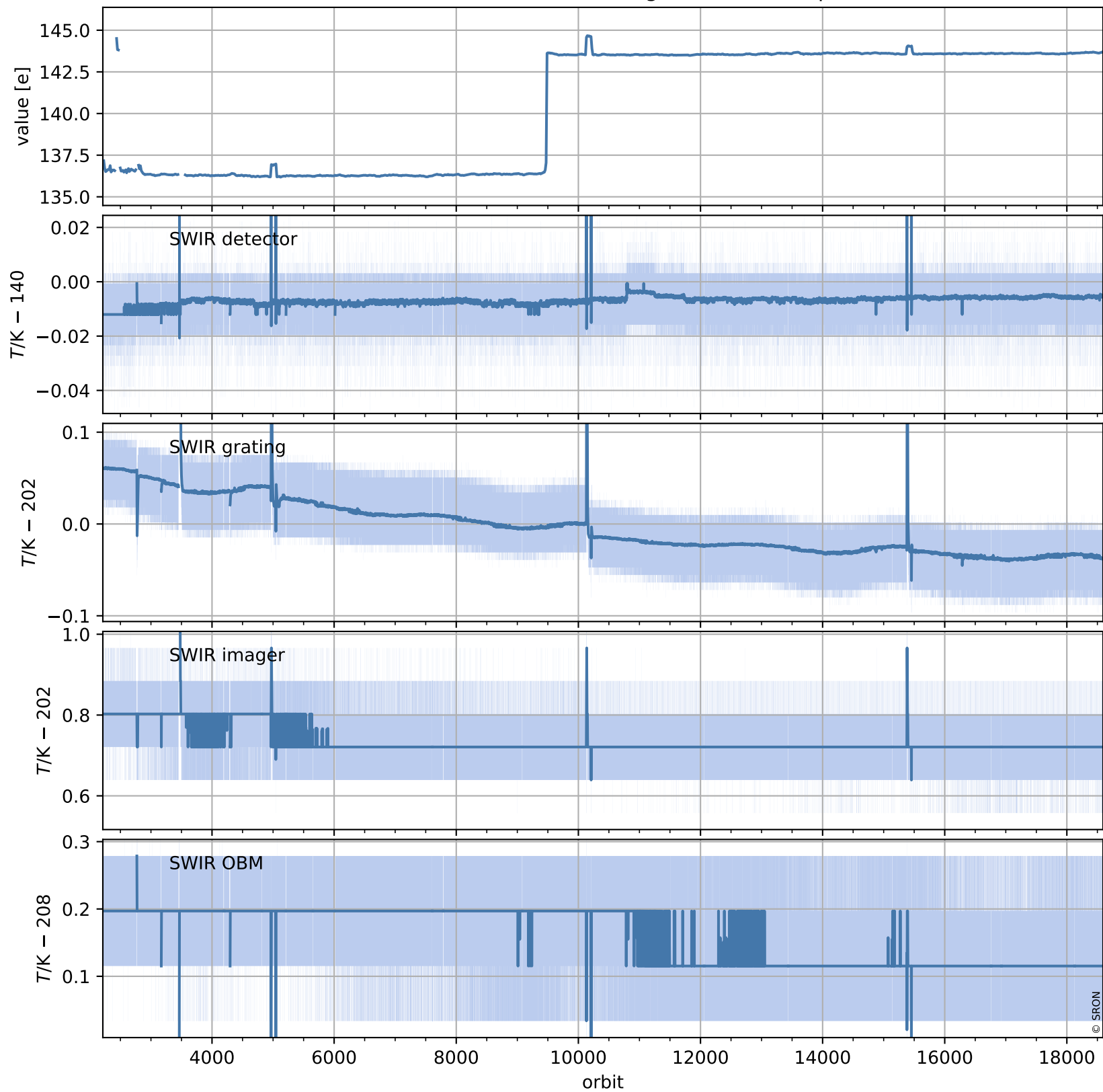
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18592]
coverage : 2018-03-18 / 2021-05-15
created : 2023-08-21T16:00:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18592]
coverage : 2018-03-18 / 2021-05-15
created : 2023-08-21T16:00:19

trend of normalized read-noise & temperatures

