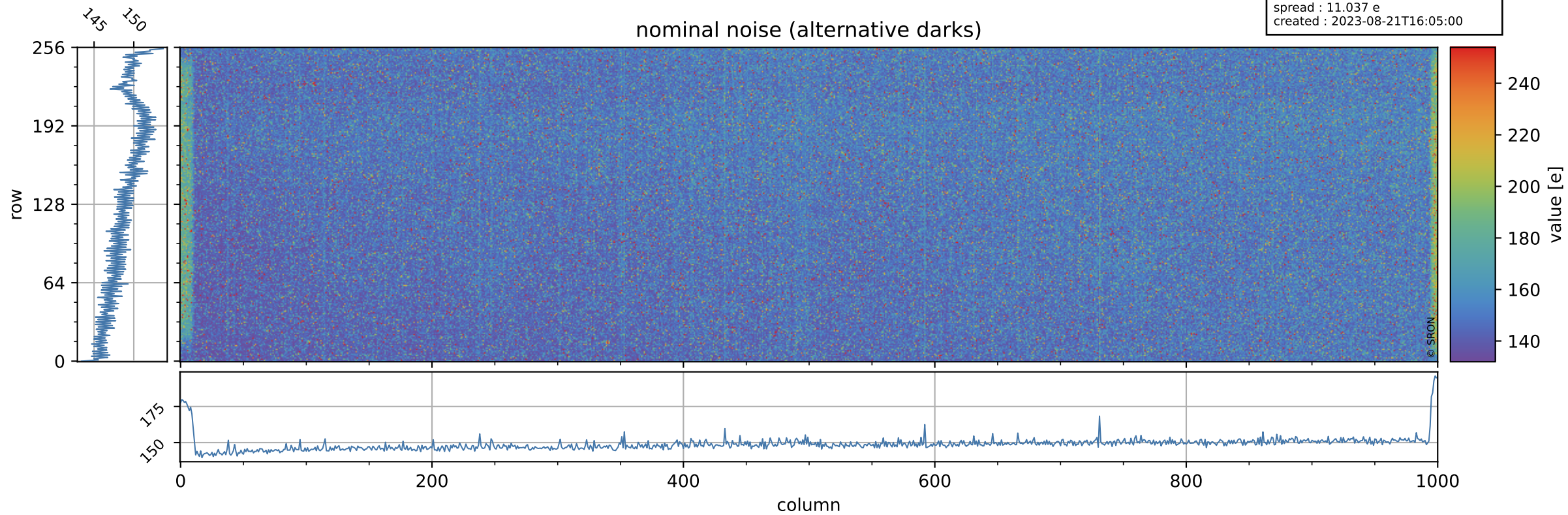


Tropomi SWIR background noise (swir)

orbits : 12 in [19297, 19387]
coverage : 2021-07-04 / 2021-07-10
n_coad, t_exp : 1, 1.0783
median : 148.72 e
spread : 11.037 e
created : 2023-08-21T16:05:00

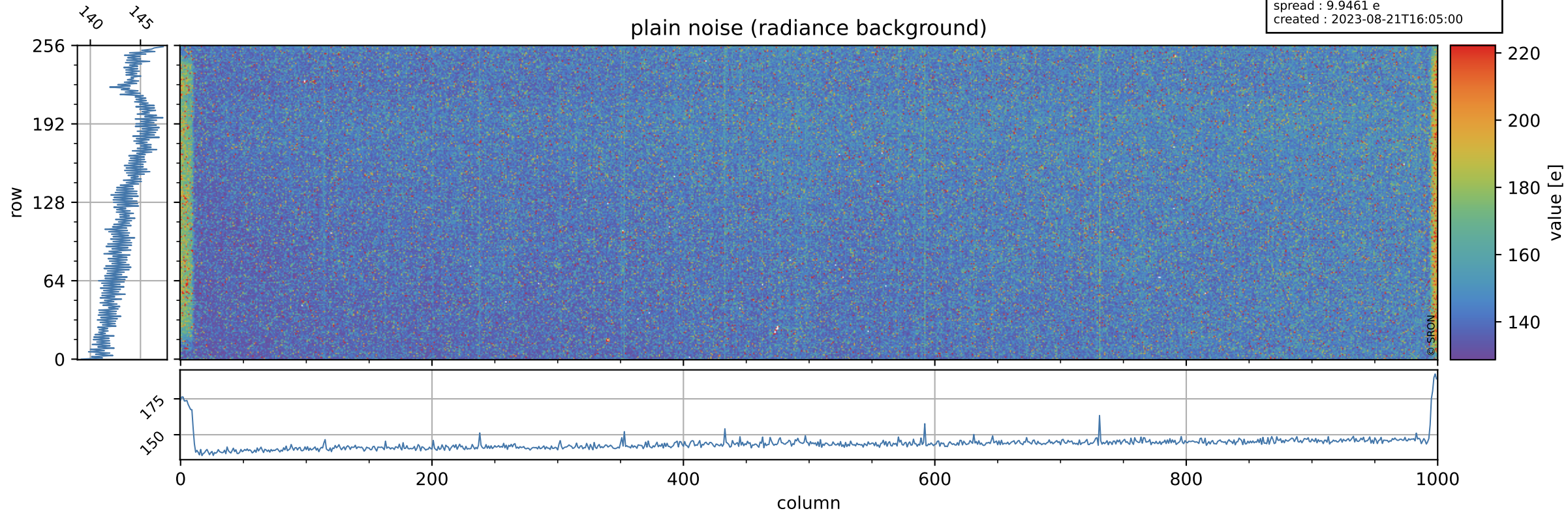
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19297, 19387]
coverage : 2021-07-04 / 2021-07-10
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.9461 e
created : 2023-08-21T16:05:00

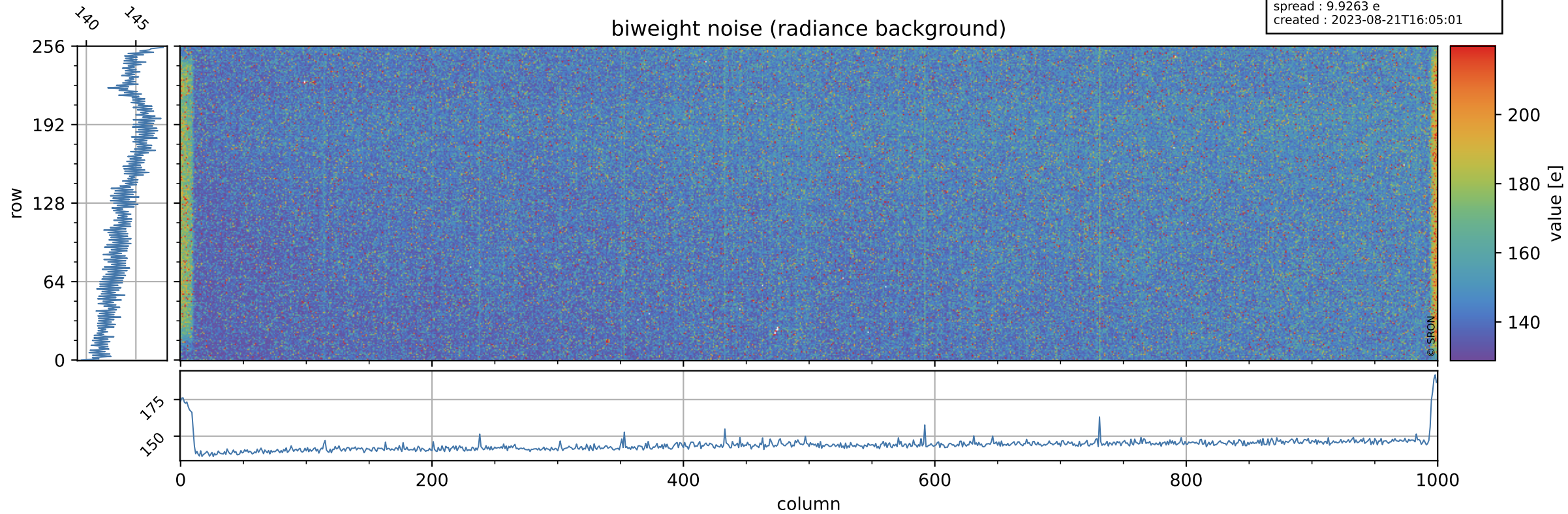
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19297, 19387]
coverage : 2021-07-04 / 2021-07-10
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.9263 e
created : 2023-08-21T16:05:01

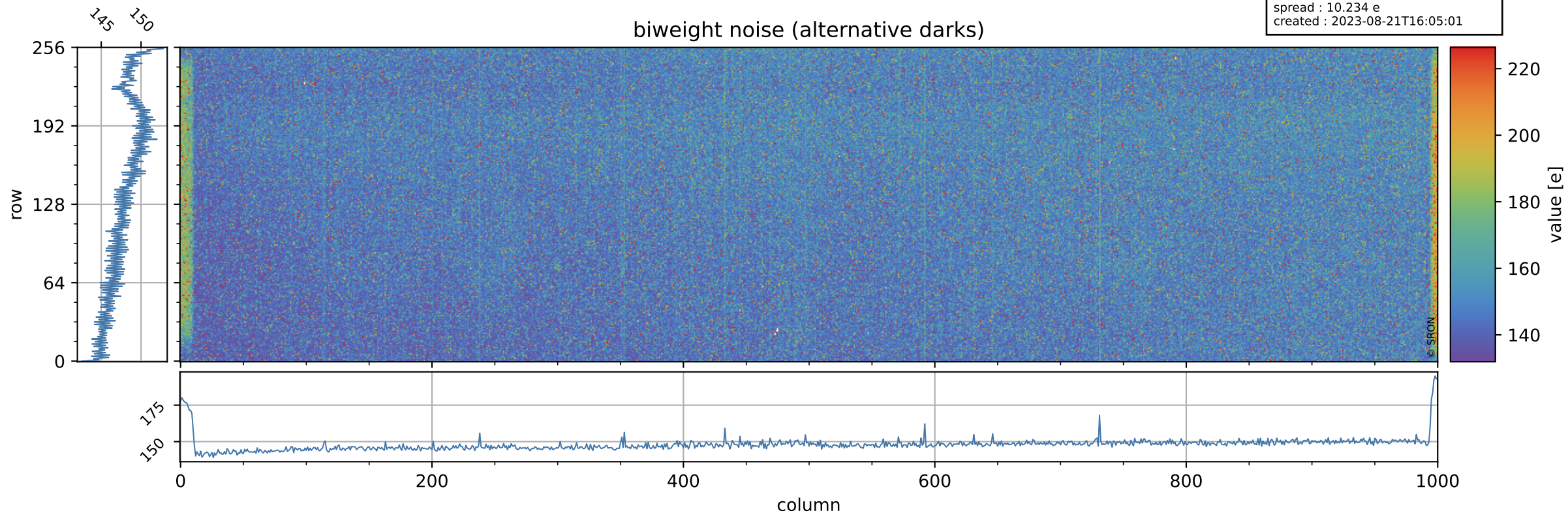
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19297, 19387]
coverage : 2021-07-04 / 2021-07-10
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.234 e
created : 2023-08-21T16:05:01

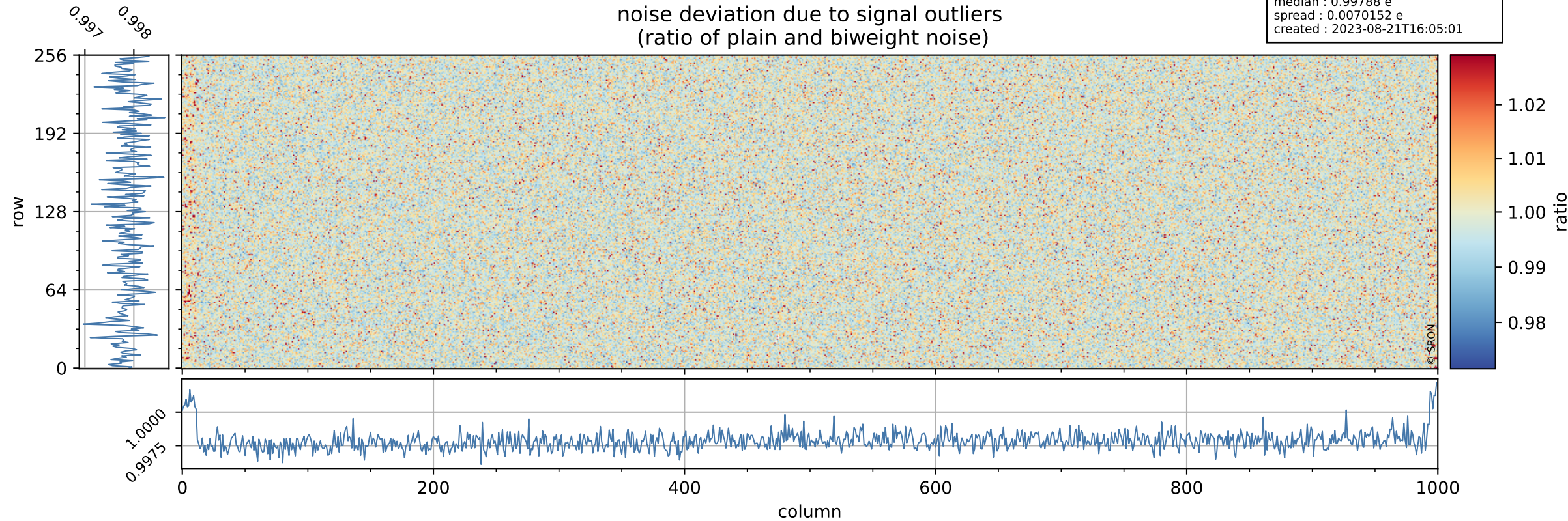
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

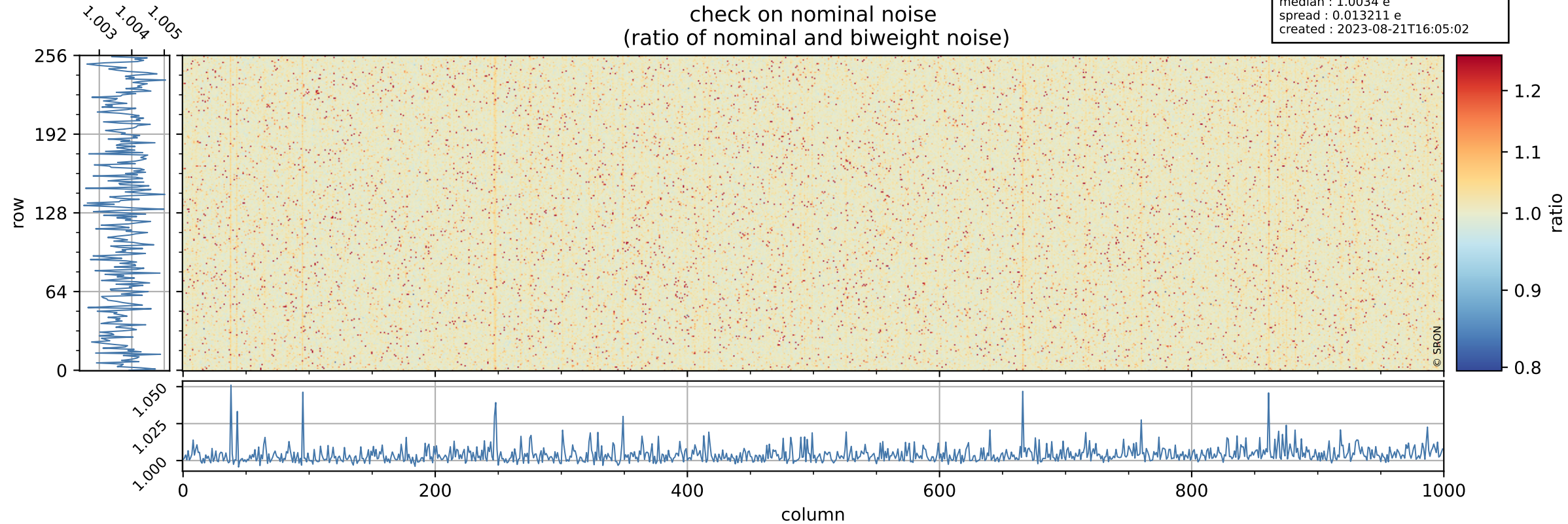
orbits : 12 in [19297, 19387]
coverage : 2021-07-04 / 2021-07-10
median : 0.99788 e
spread : 0.0070152 e
created : 2023-08-21T16:05:01



Tropomi SWIR background noise (swir)

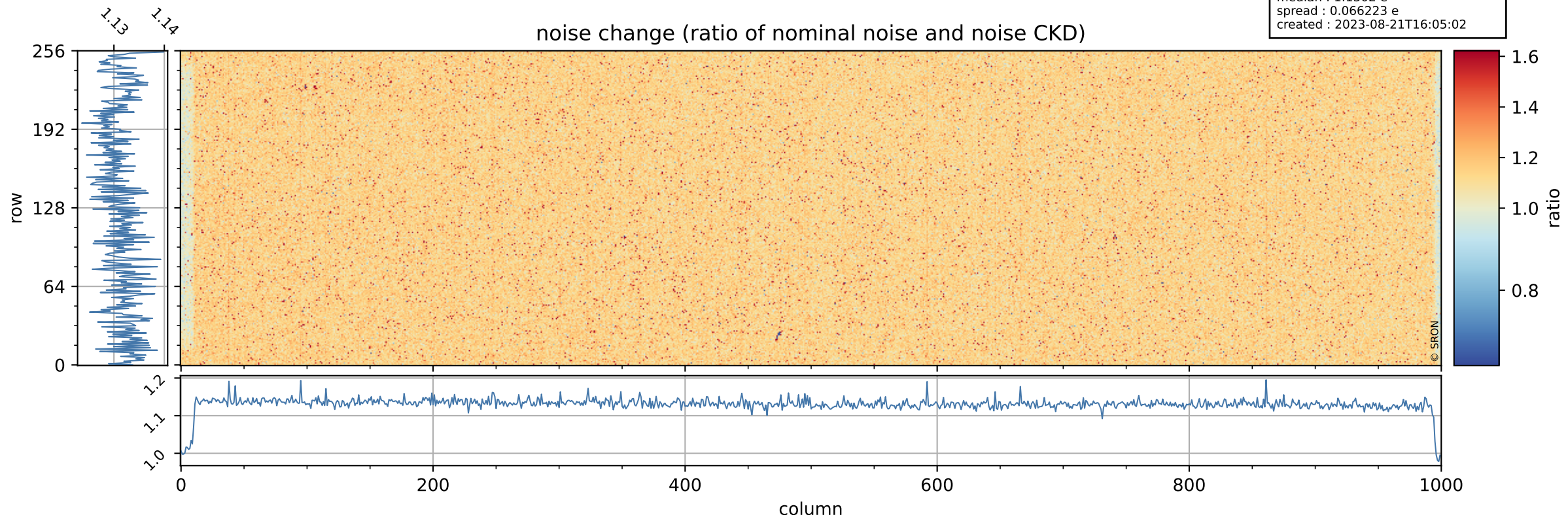
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19297, 19387]
coverage : 2021-07-04 / 2021-07-10
median : 1.0034 e
spread : 0.013211 e
created : 2023-08-21T16:05:02



Tropomi SWIR background noise (swir)

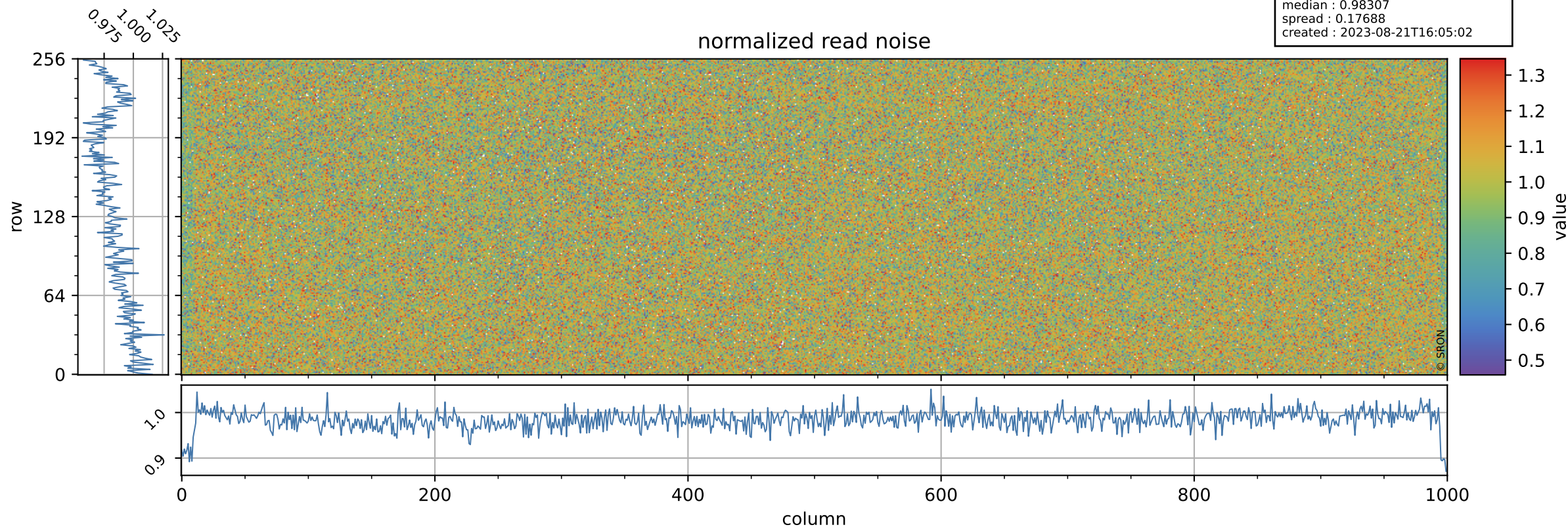
orbits : 12 in [19297, 19387]
coverage : 2021-07-04 / 2021-07-10
median : 1.1302 e
spread : 0.066223 e
created : 2023-08-21T16:05:02



Tropomi SWIR background noise (swir)

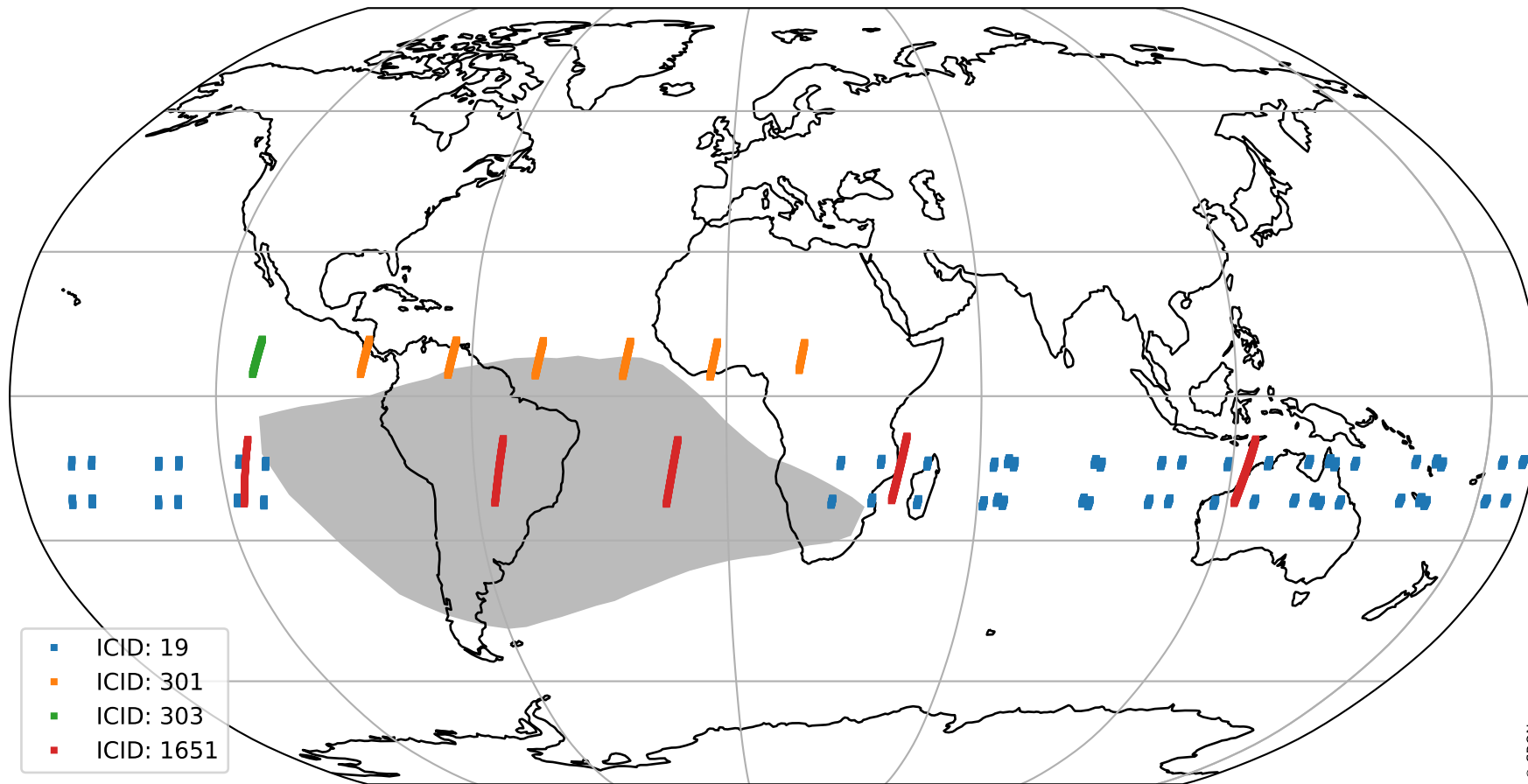
orbits : 12 in [19297, 19387]
coverage : 2021-07-04 / 2021-07-10
median : 0.98307
spread : 0.17688
created : 2023-08-21T16:05:02

normalized read noise



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

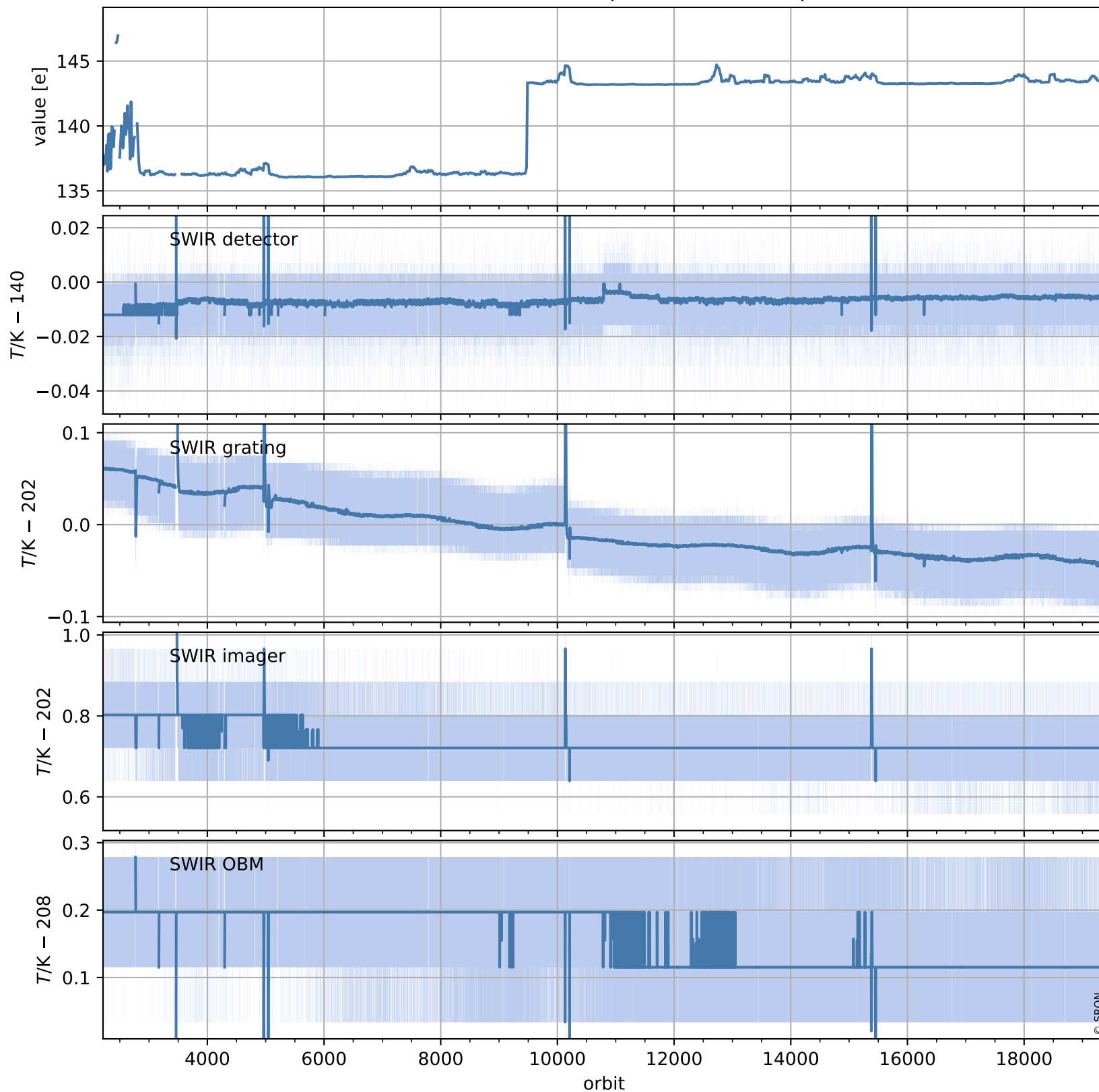
orbits : 12 in [19297, 19387]
coverage : 2021-07-04 / 2021-07-10
created : 2023-08-21T16:05:02



Tropomi SWIR background noise (swir)

orbits : [2212, 19387]
coverage : 2018-03-18 / 2021-07-10
created : 2023-08-21T16:05:03

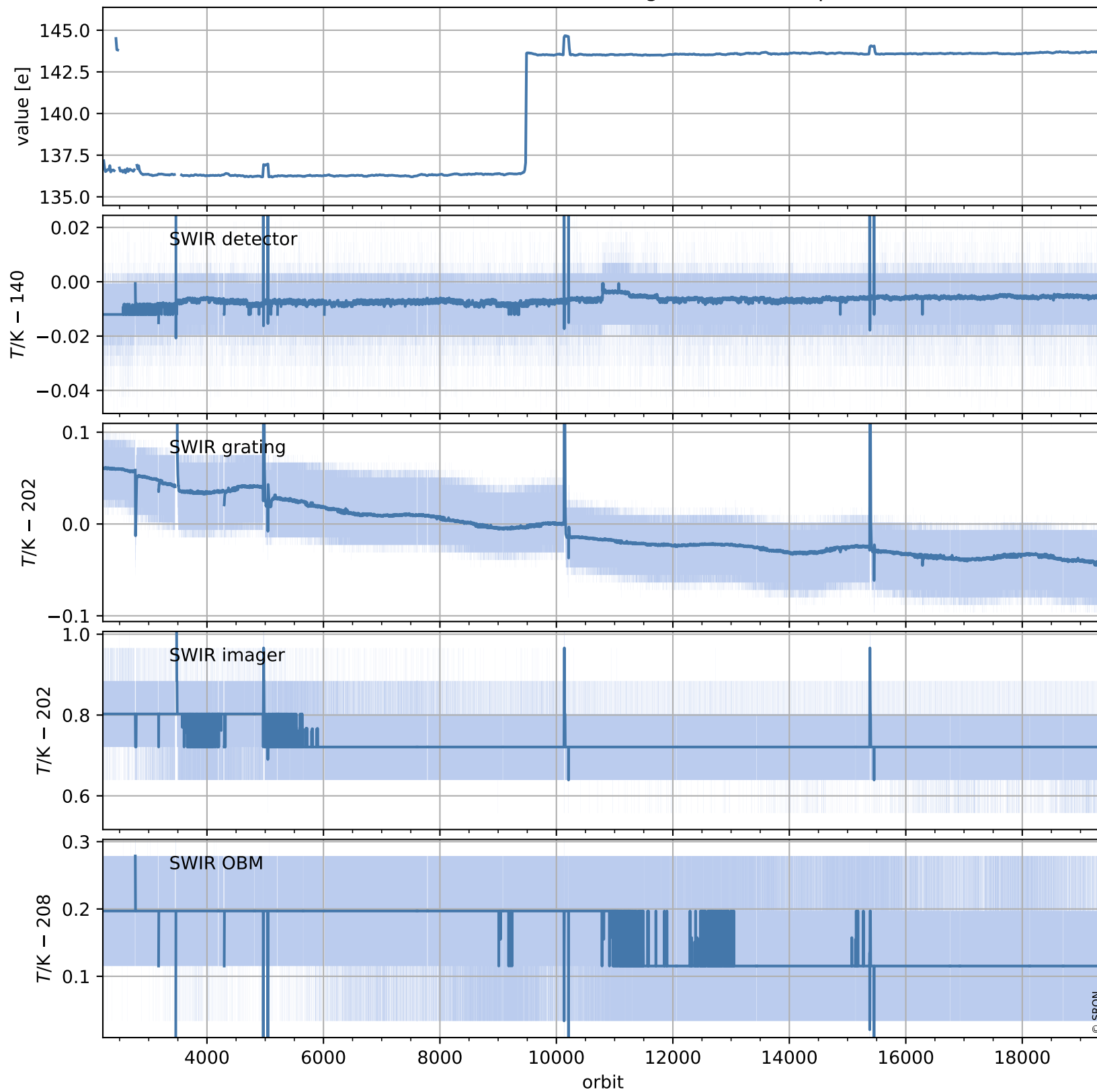
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19387]
coverage : 2018-03-18 / 2021-07-10
created : 2023-08-21T16:05:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19387]
coverage : 2018-03-18 / 2021-07-10
created : 2023-08-21T16:05:04

trend of normalized read-noise & temperatures

