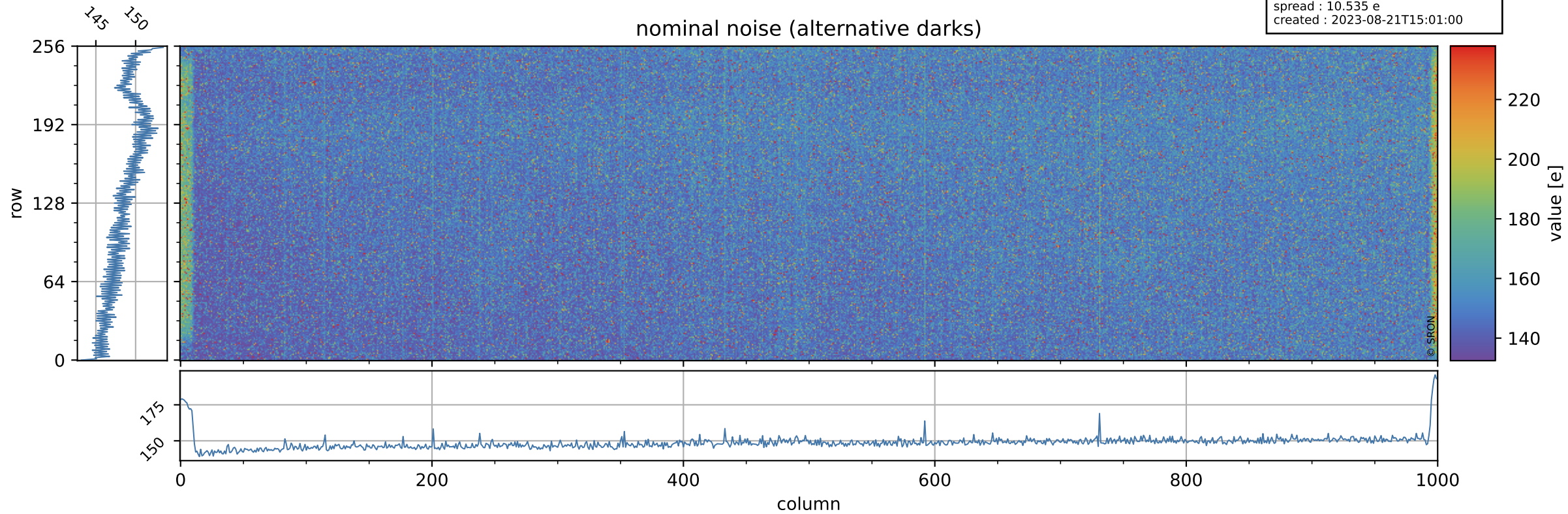


Tropomi SWIR background noise (swir)

orbits : 13 in [8947, 9037]
coverage : 2019-07-06 / 2019-07-12
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.535 e
created : 2023-08-21T15:01:00

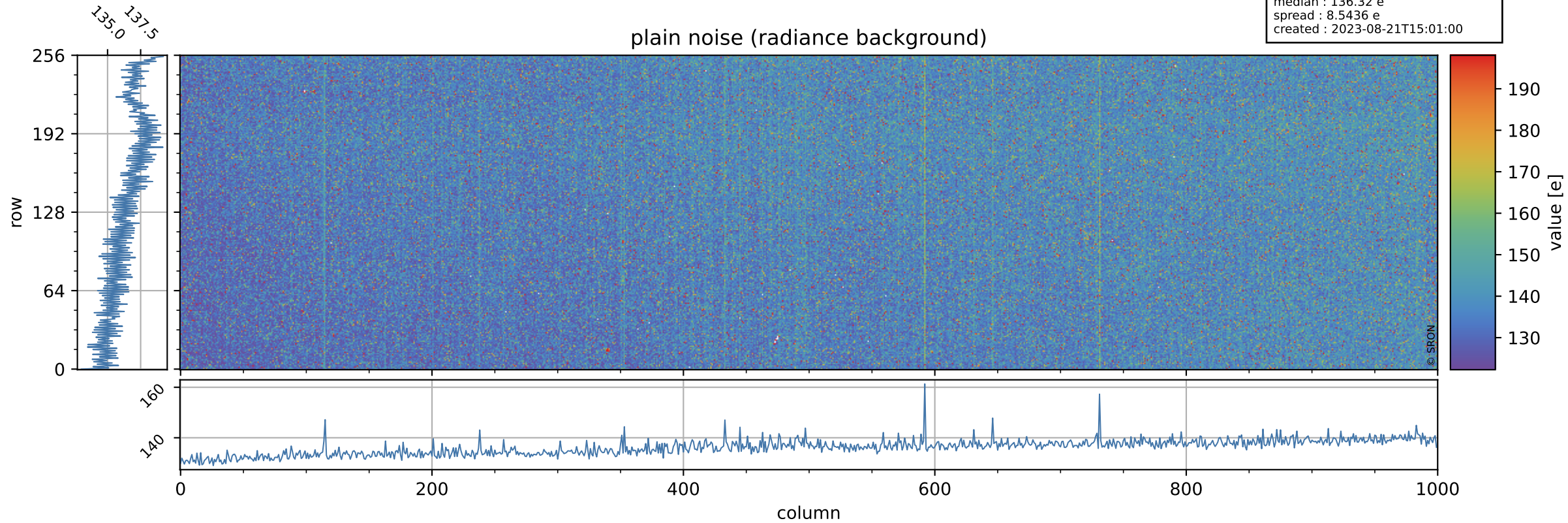
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [8947, 9037]
coverage : 2019-07-06 / 2019-07-12
n_coad, t_exp : 2, 0.5383
median : 136.32 e
spread : 8.5436 e
created : 2023-08-21T15:01:00

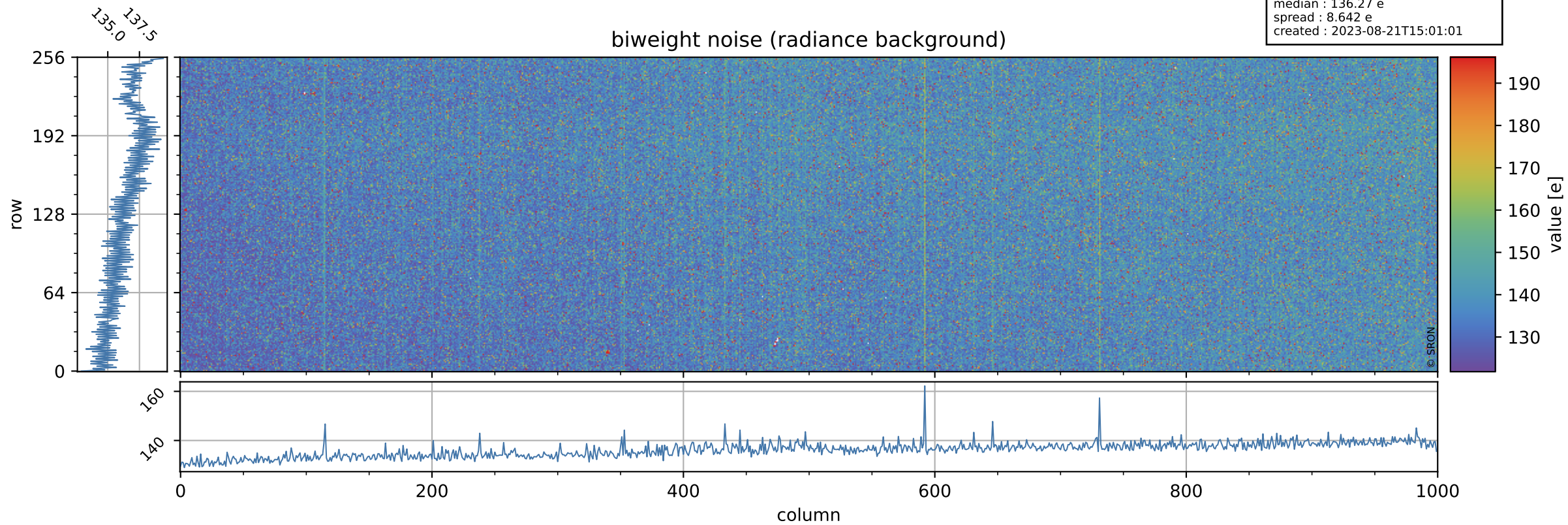
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8947, 9037]
coverage : 2019-07-06 / 2019-07-12
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.642 e
created : 2023-08-21T15:01:01

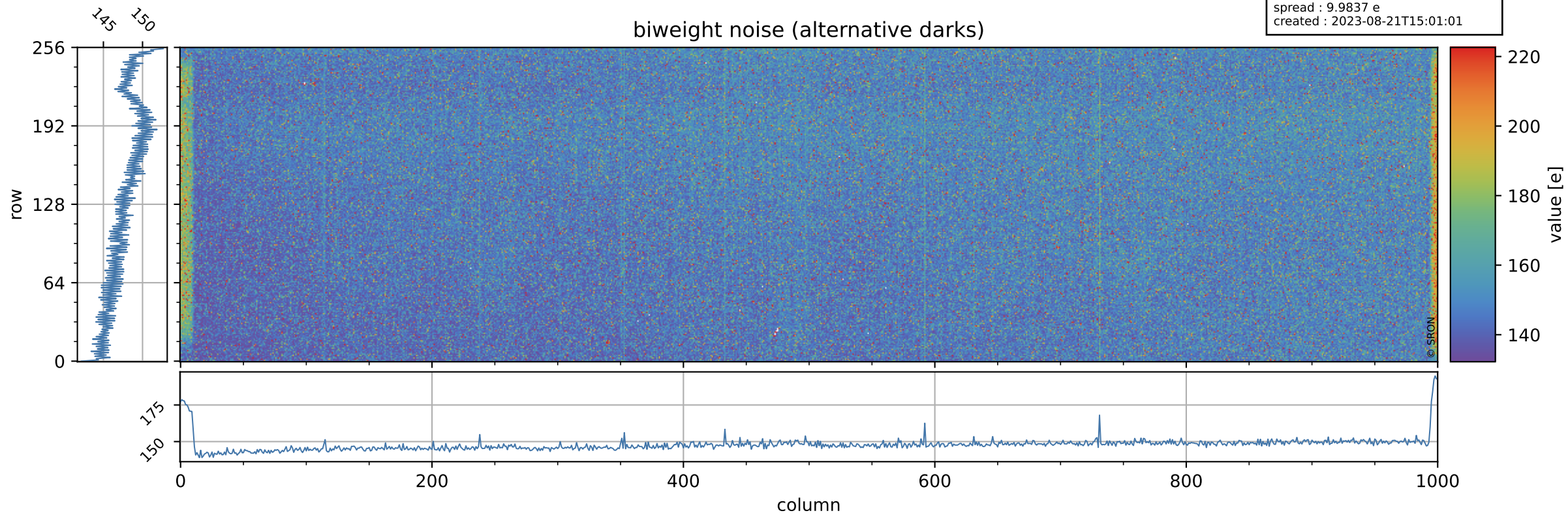
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8947, 9037]
coverage : 2019-07-06 / 2019-07-12
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 9.9837 e
created : 2023-08-21T15:01:01

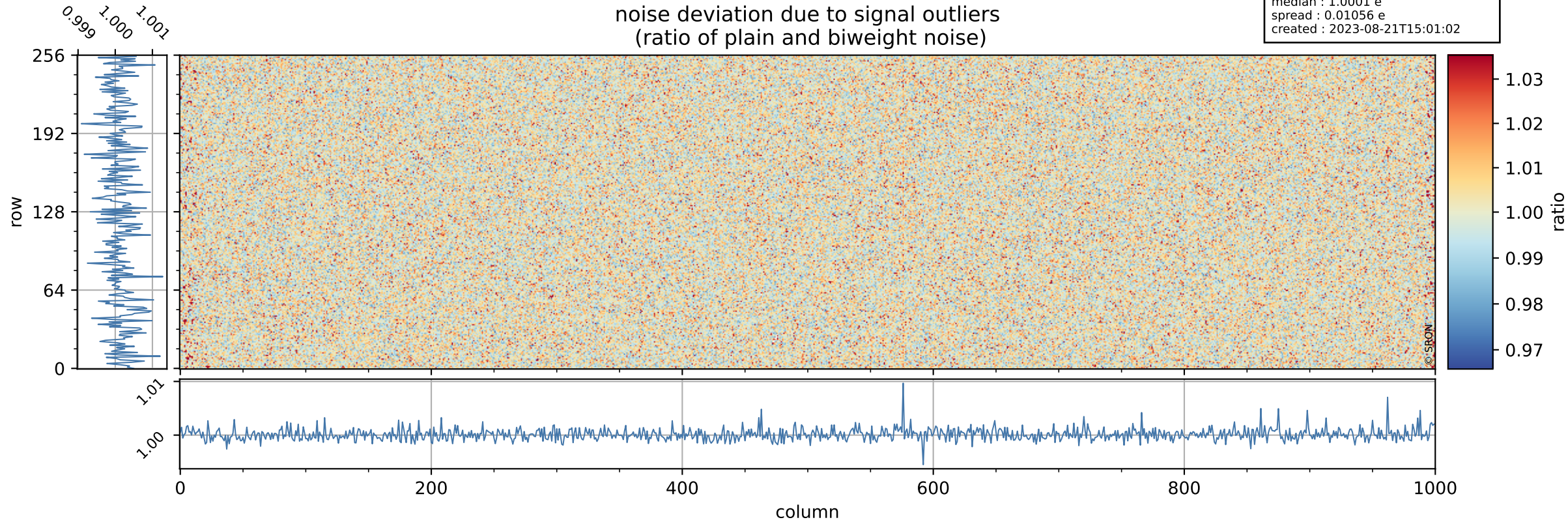
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

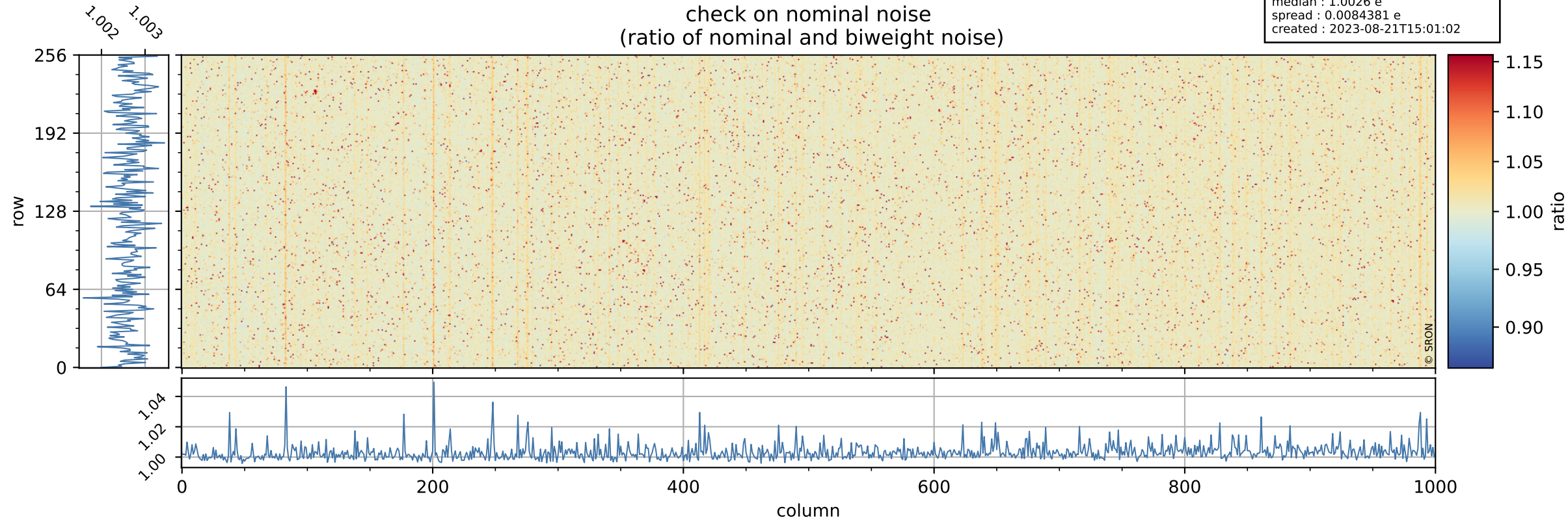
orbits : 13 in [8947, 9037]
coverage : 2019-07-06 / 2019-07-12
median : 1.0001 e
spread : 0.01056 e
created : 2023-08-21T15:01:02



Tropomi SWIR background noise (swir)

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

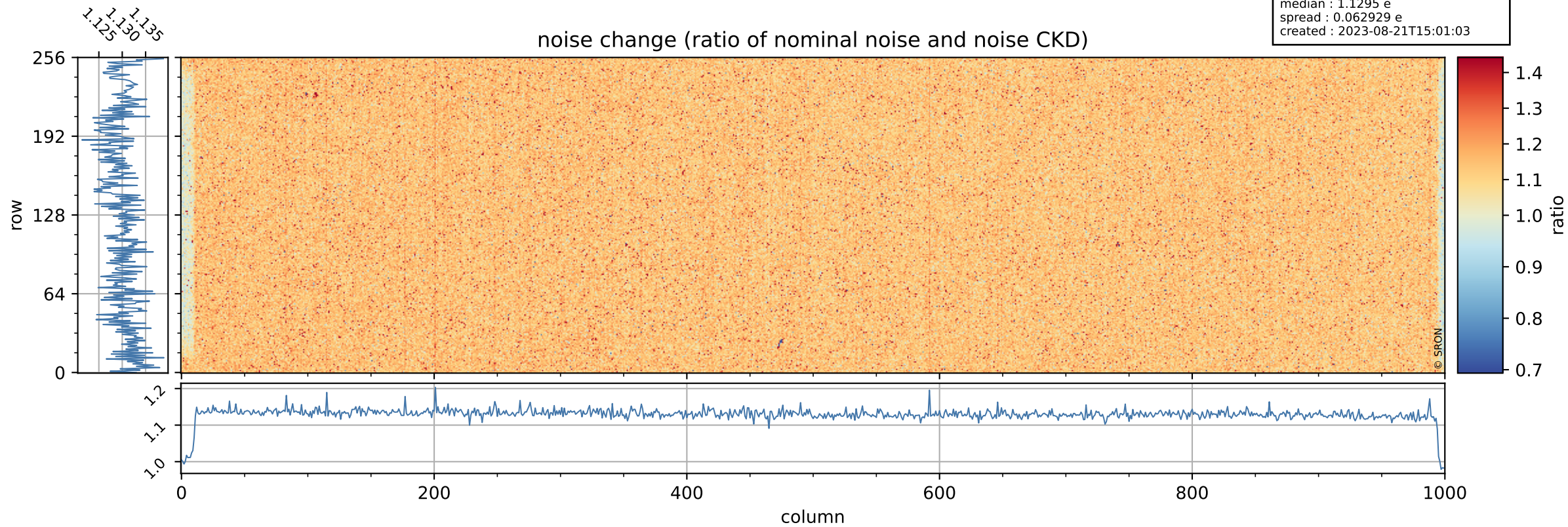
orbits : 13 in [8947, 9037]
coverage : 2019-07-06 / 2019-07-12
median : 1.0026 e
spread : 0.0084381 e
created : 2023-08-21T15:01:02



Tropomi SWIR background noise (swir)

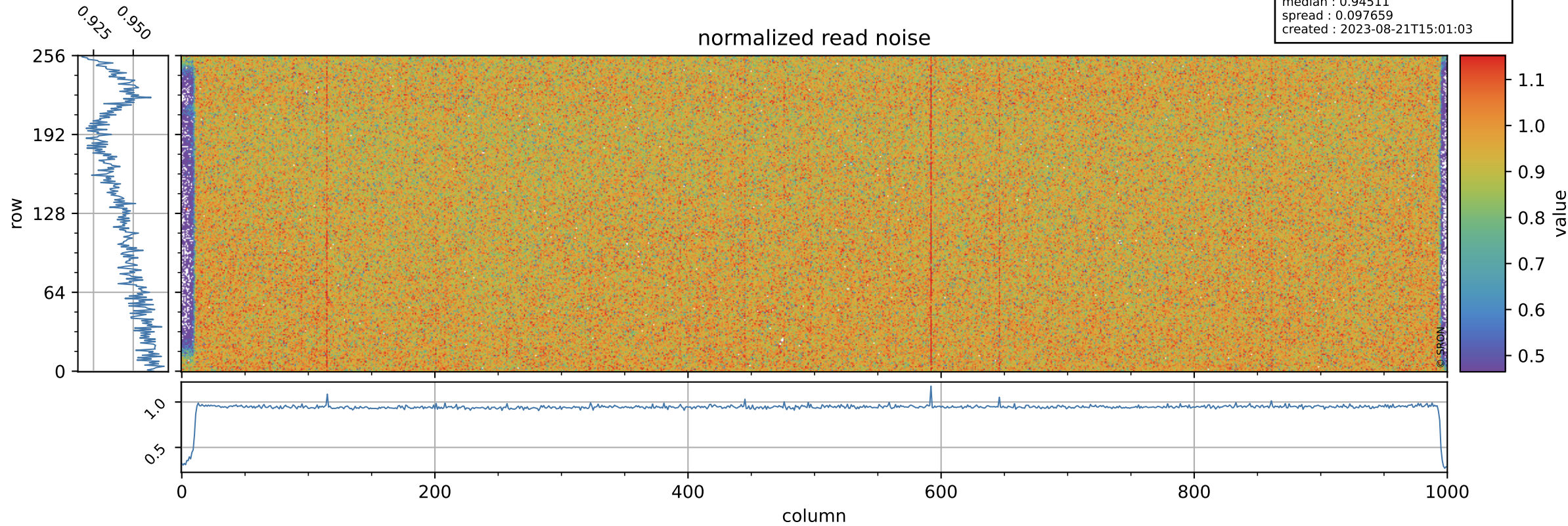
orbits : 13 in [8947, 9037]
coverage : 2019-07-06 / 2019-07-12
median : 1.1295 e
spread : 0.062929 e
created : 2023-08-21T15:01:03

noise change (ratio of nominal noise and noise CKD)



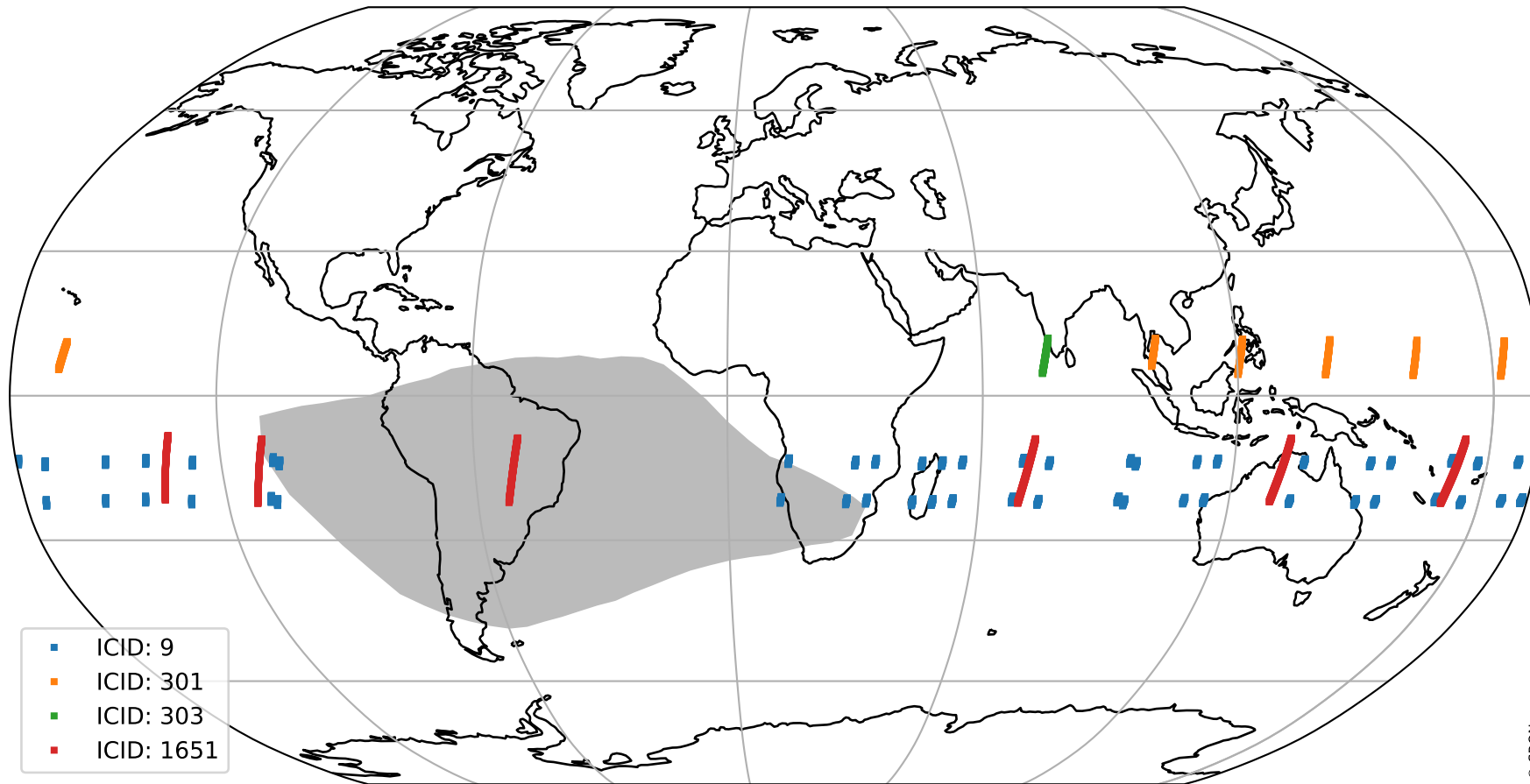
Tropomi SWIR background noise (swir)

orbits : 13 in [8947, 9037]
coverage : 2019-07-06 / 2019-07-12
median : 0.94511
spread : 0.097659
created : 2023-08-21T15:01:03



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

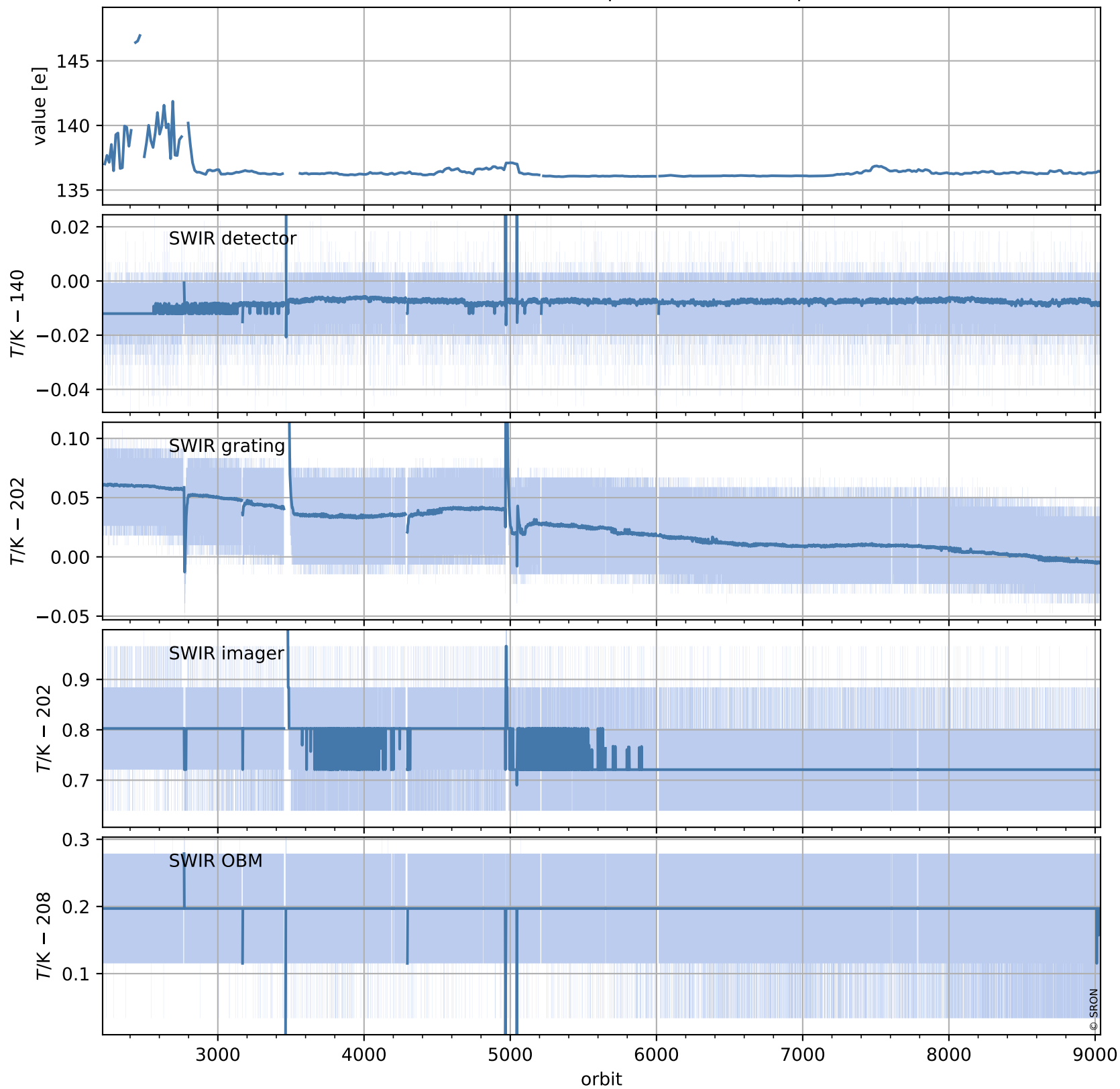
orbits : 13 in [8947, 9037]
coverage : 2019-07-06 / 2019-07-12
created : 2023-08-21T15:01:04



Tropomi SWIR background noise (swir)

orbits : [2212, 9037]
coverage : 2018-03-18 / 2019-07-12
created : 2023-08-21T15:01:04

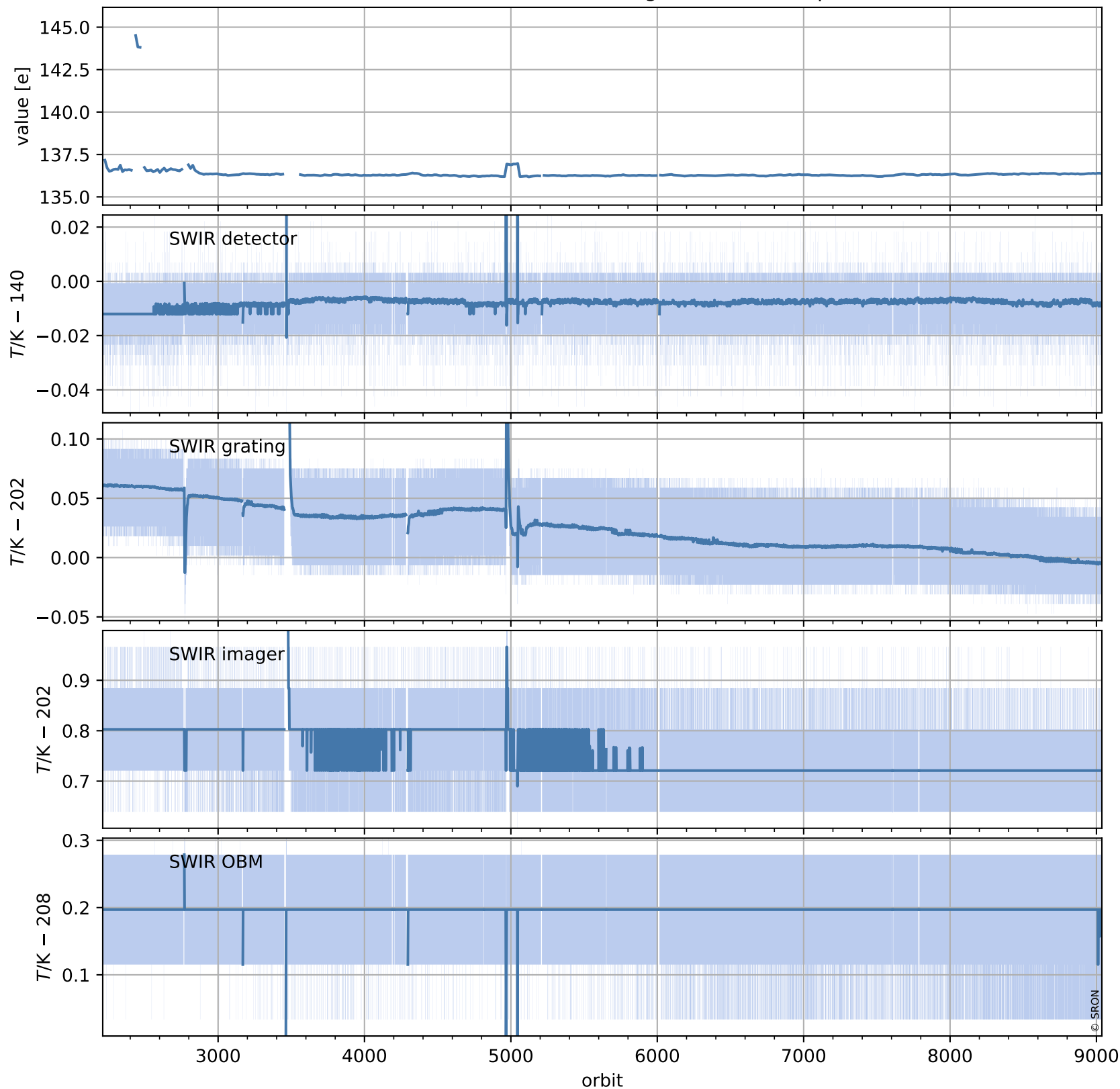
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9037]
coverage : 2018-03-18 / 2019-07-12
created : 2023-08-21T15:01:05

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9037]
coverage : 2018-03-18 / 2019-07-12
created : 2023-08-21T15:01:06

trend of normalized read-noise & temperatures

