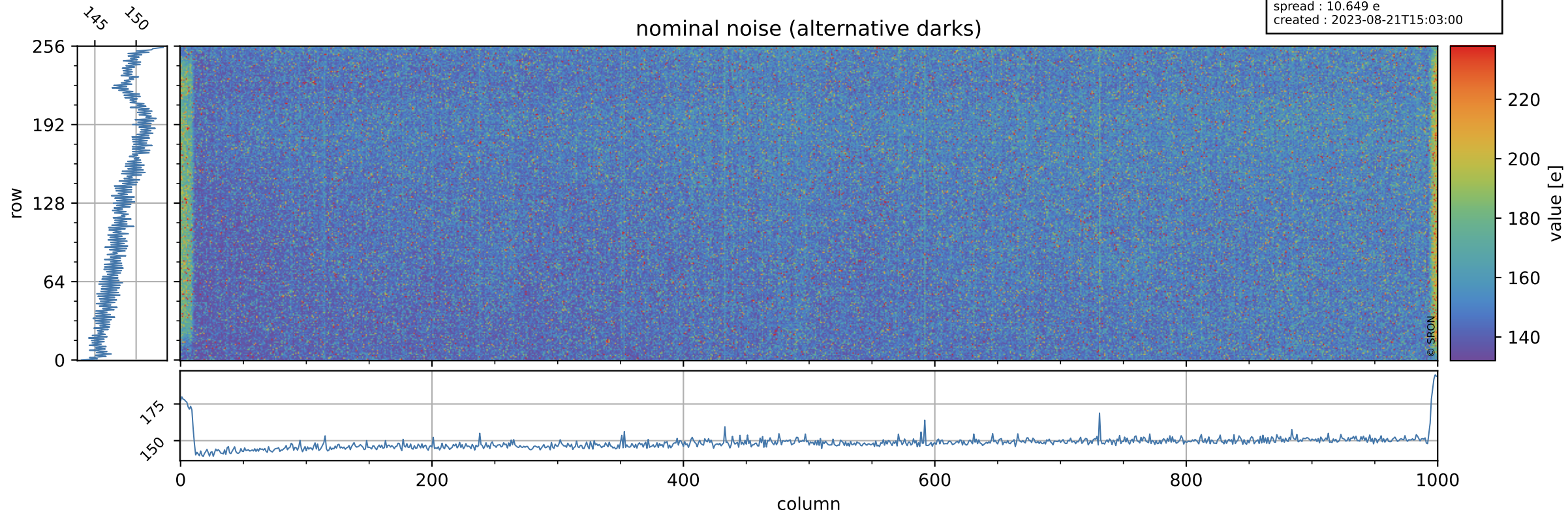


Tropomi SWIR background noise (swir)

orbits : 12 in [9217, 9292]
coverage : 2019-07-24 / 2019-07-29
n_coad, t_exp : 1, 1.0783
median : 148.39 e
spread : 10.649 e
created : 2023-08-21T15:03:00

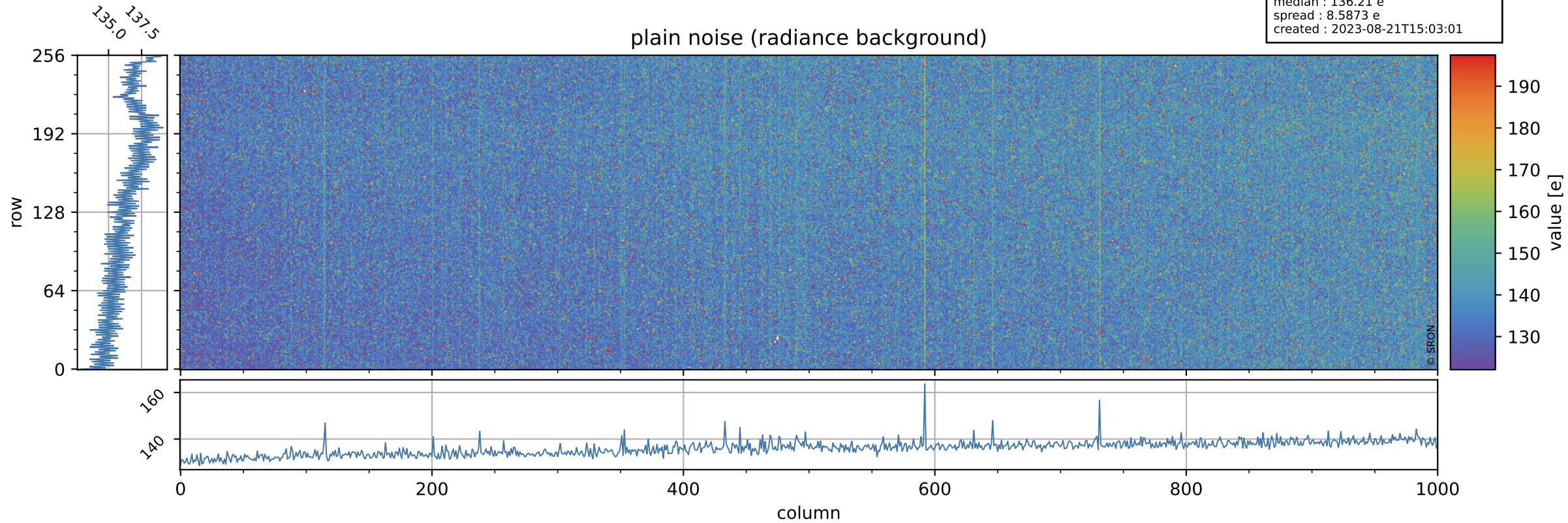
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9217, 9292]
coverage : 2019-07-24 / 2019-07-29
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.5873 e
created : 2023-08-21T15:03:01

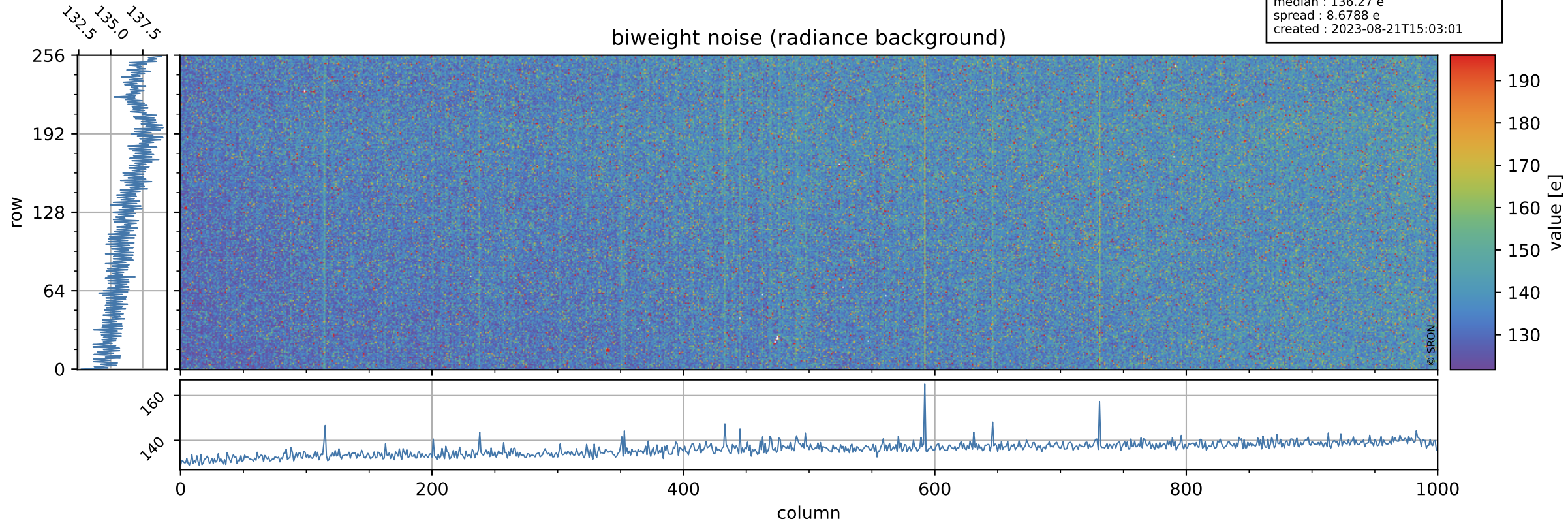
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9217, 9292]
coverage : 2019-07-24 / 2019-07-29
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.6788 e
created : 2023-08-21T15:03:01

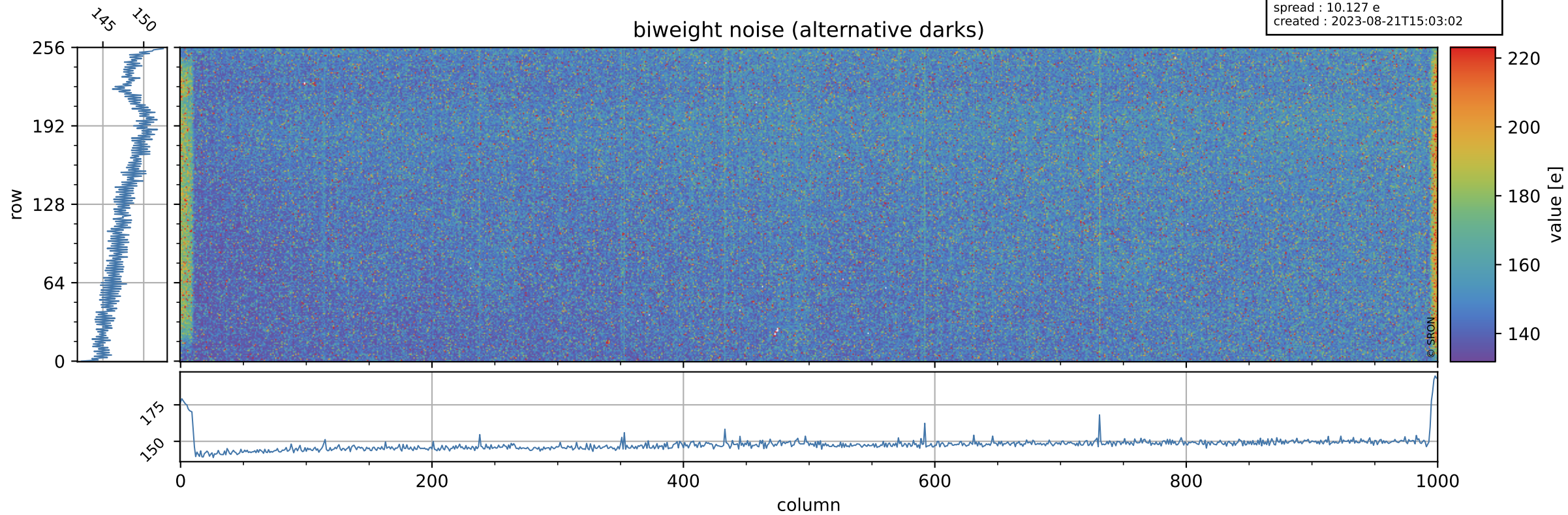
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9217, 9292]
coverage : 2019-07-24 / 2019-07-29
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.127 e
created : 2023-08-21T15:03:02

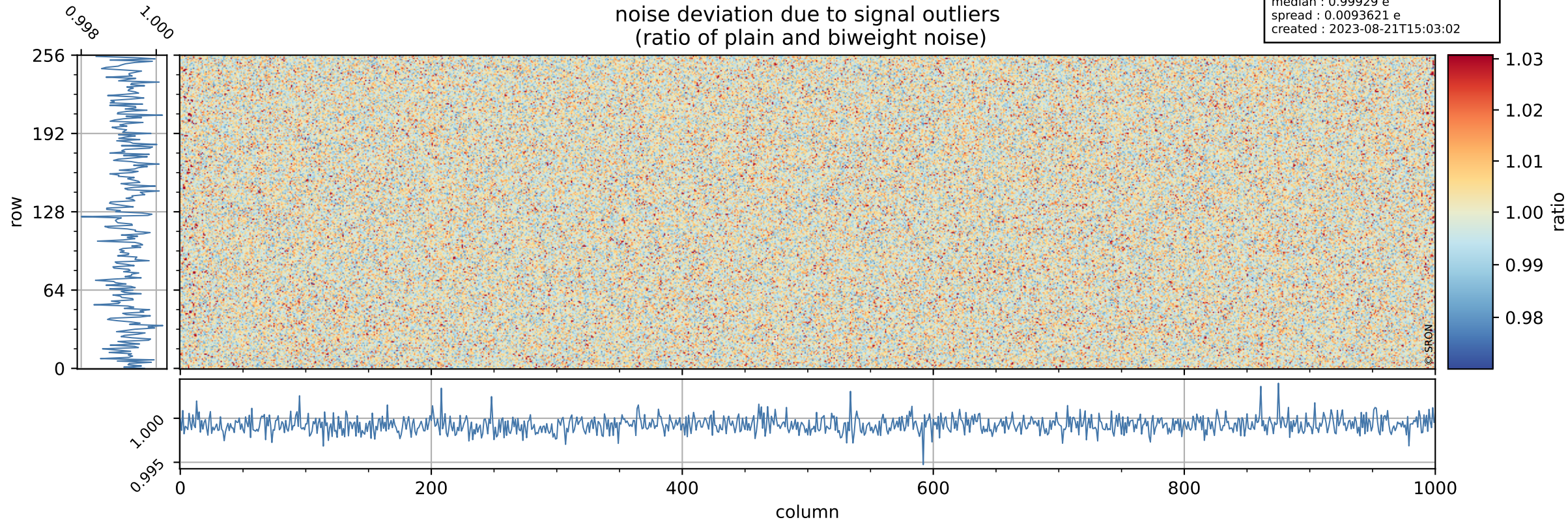
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

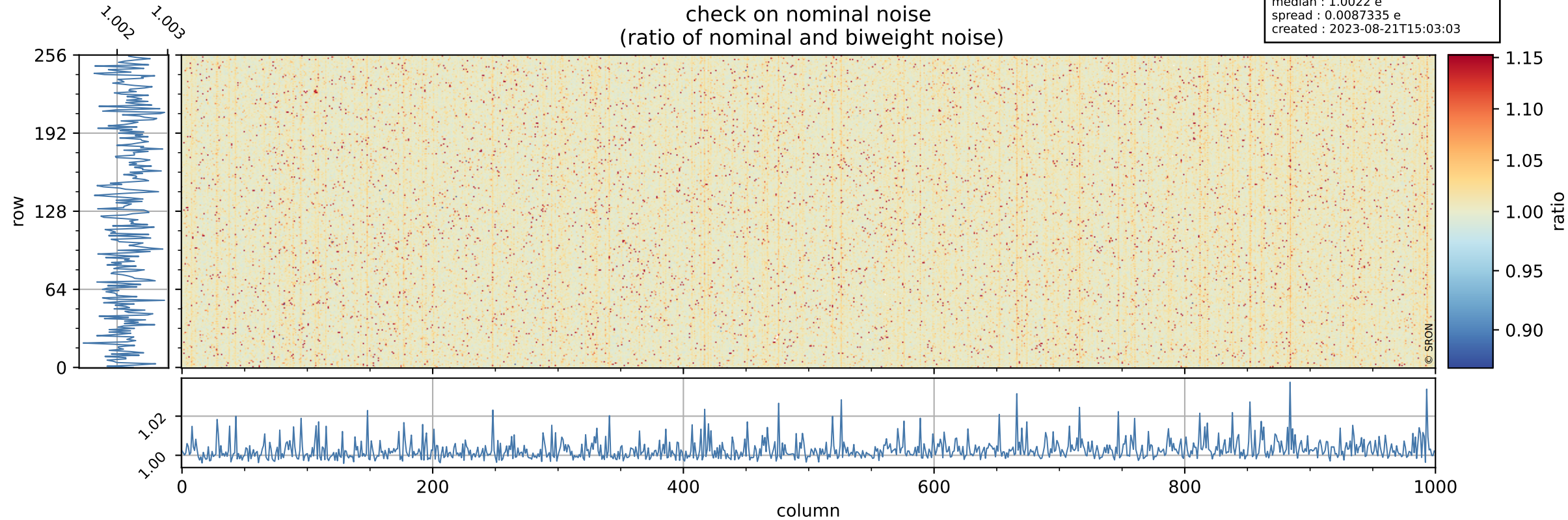
orbits : 12 in [9217, 9292]
coverage : 2019-07-24 / 2019-07-29
median : 0.99929 e
spread : 0.0093621 e
created : 2023-08-21T15:03:02



Tropomi SWIR background noise (swir)

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

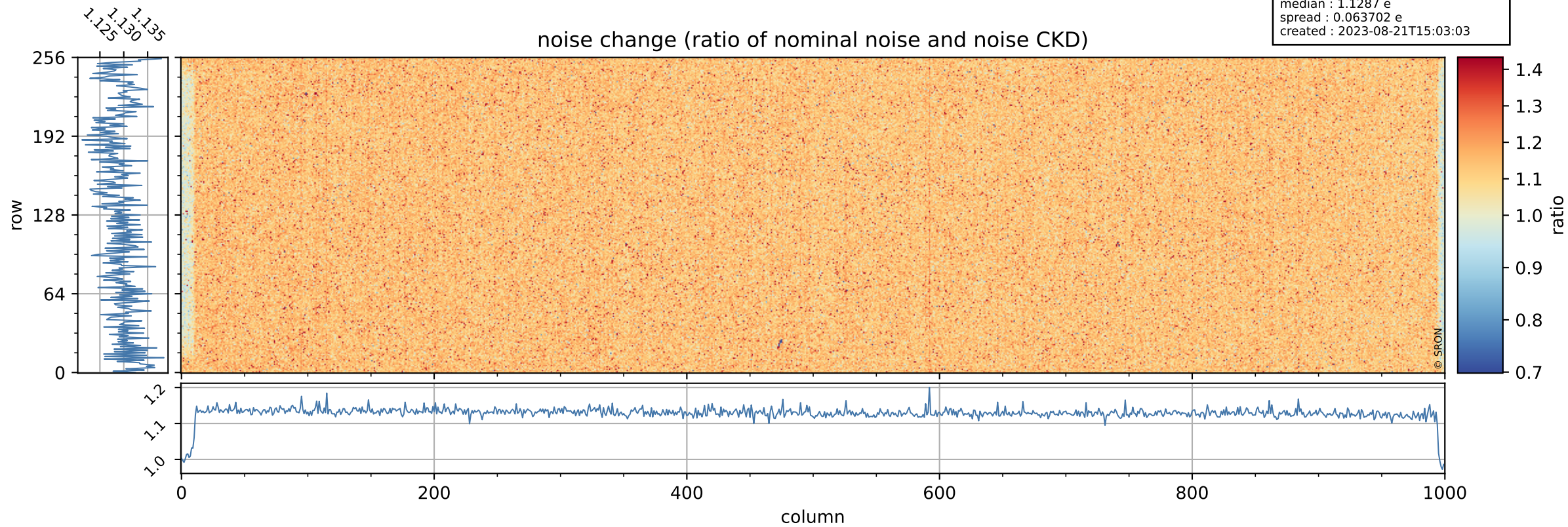
orbits : 12 in [9217, 9292]
coverage : 2019-07-24 / 2019-07-29
median : 1.0022 e
spread : 0.0087335 e
created : 2023-08-21T15:03:03



Tropomi SWIR background noise (swir)

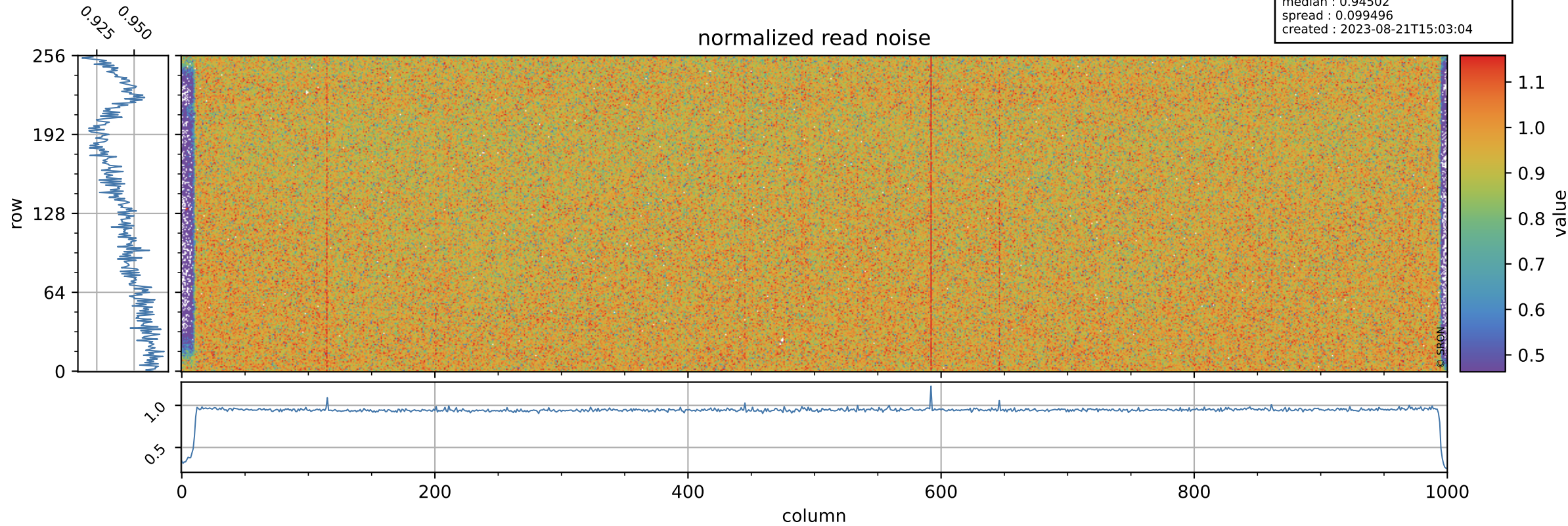
orbits : 12 in [9217, 9292]
coverage : 2019-07-24 / 2019-07-29
median : 1.1287 e
spread : 0.063702 e
created : 2023-08-21T15:03:03

noise change (ratio of nominal noise and noise CKD)



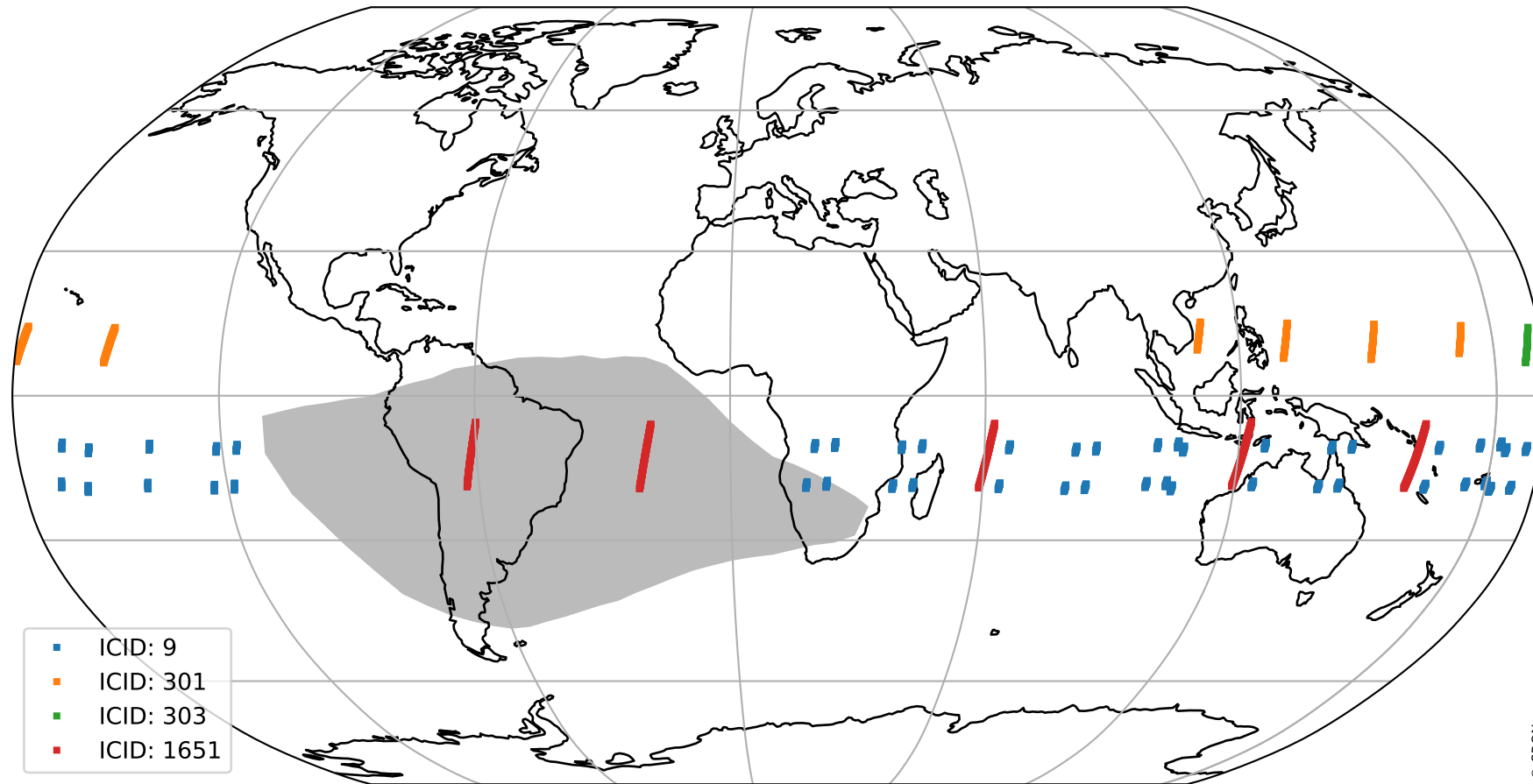
Tropomi SWIR background noise (swir)

orbits : 12 in [9217, 9292]
coverage : 2019-07-24 / 2019-07-29
median : 0.94502
spread : 0.099496
created : 2023-08-21T15:03:04



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

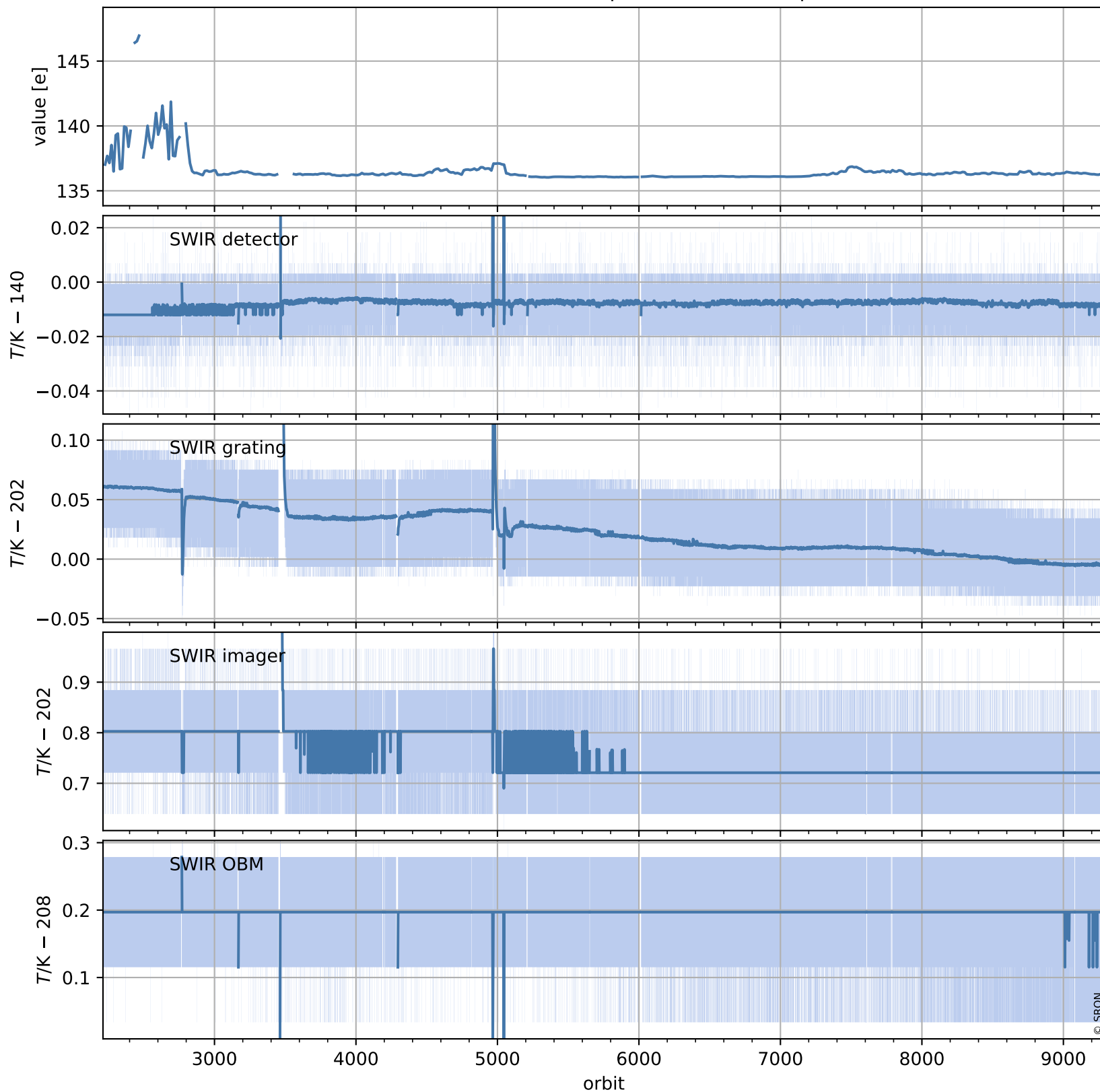
orbits : 12 in [9217, 9292]
coverage : 2019-07-24 / 2019-07-29
created : 2023-08-21T15:03:04



Tropomi SWIR background noise (swir)

orbits : [2212, 9292]
coverage : 2018-03-18 / 2019-07-29
created : 2023-08-21T15:03:04

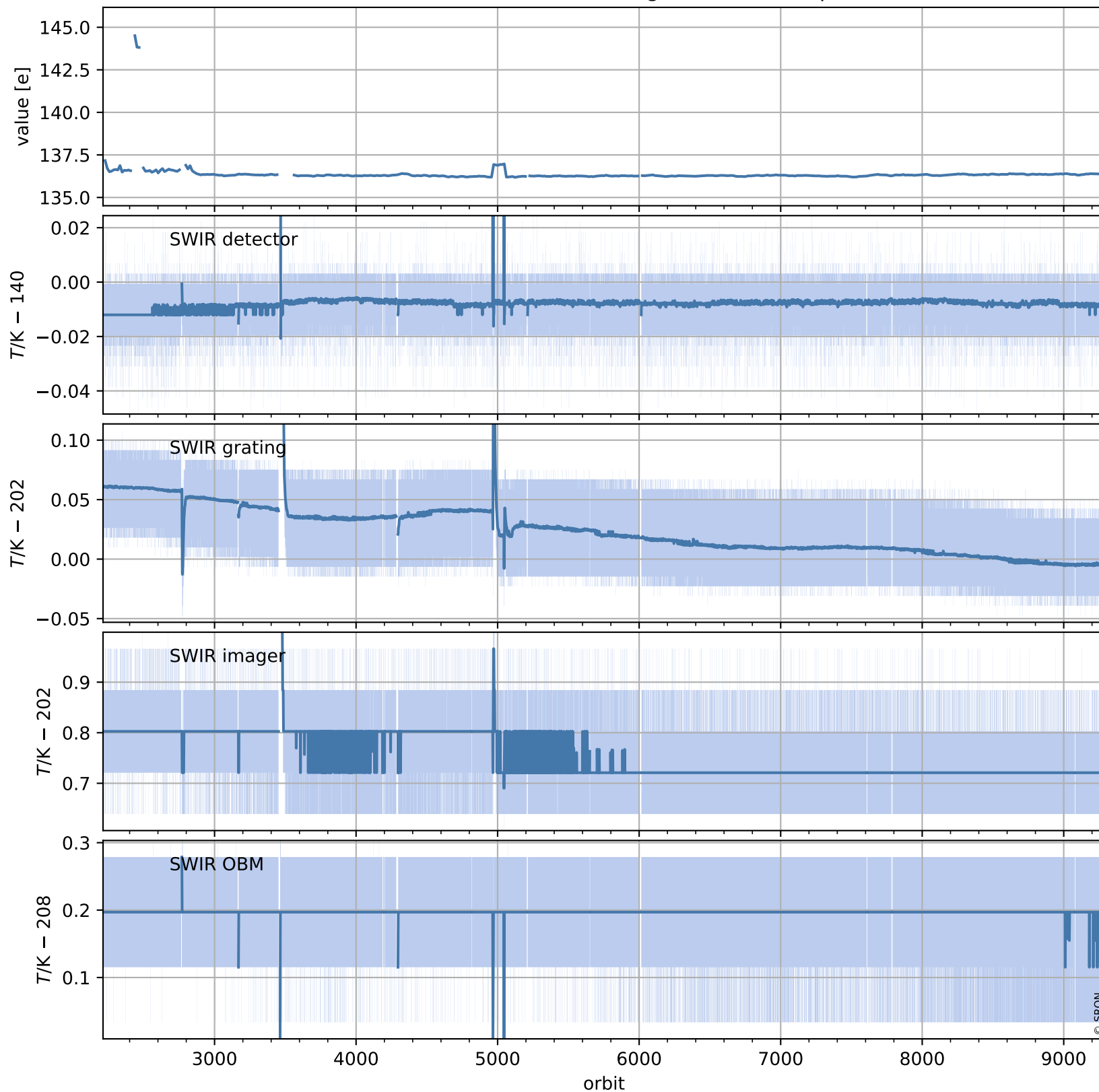
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9292]
coverage : 2018-03-18 / 2019-07-29
created : 2023-08-21T15:03:05

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9292]
coverage : 2018-03-18 / 2019-07-29
created : 2023-08-21T15:03:06

trend of normalized read-noise & temperatures

