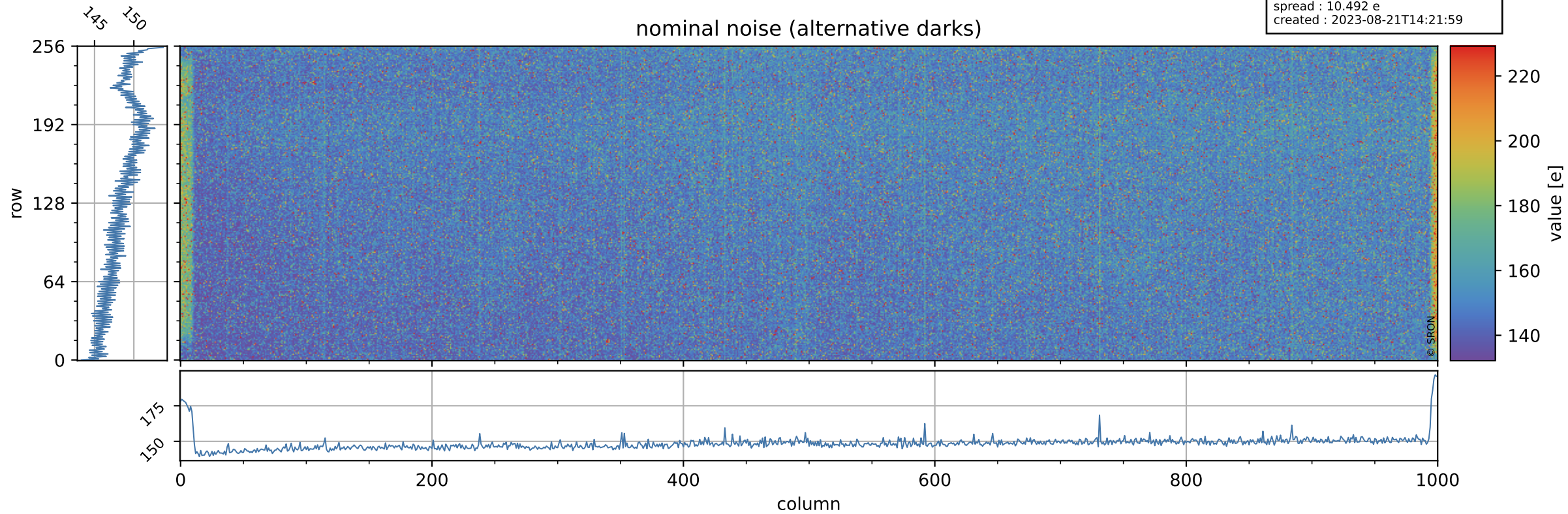


Tropomi SWIR background noise (swir)

orbits : 12 in [3367, 3442]
coverage : 2018-06-07 / 2018-06-12
n_coad, t_exp : 1, 1.0783
median : 148.36 e
spread : 10.492 e
created : 2023-08-21T14:21:59

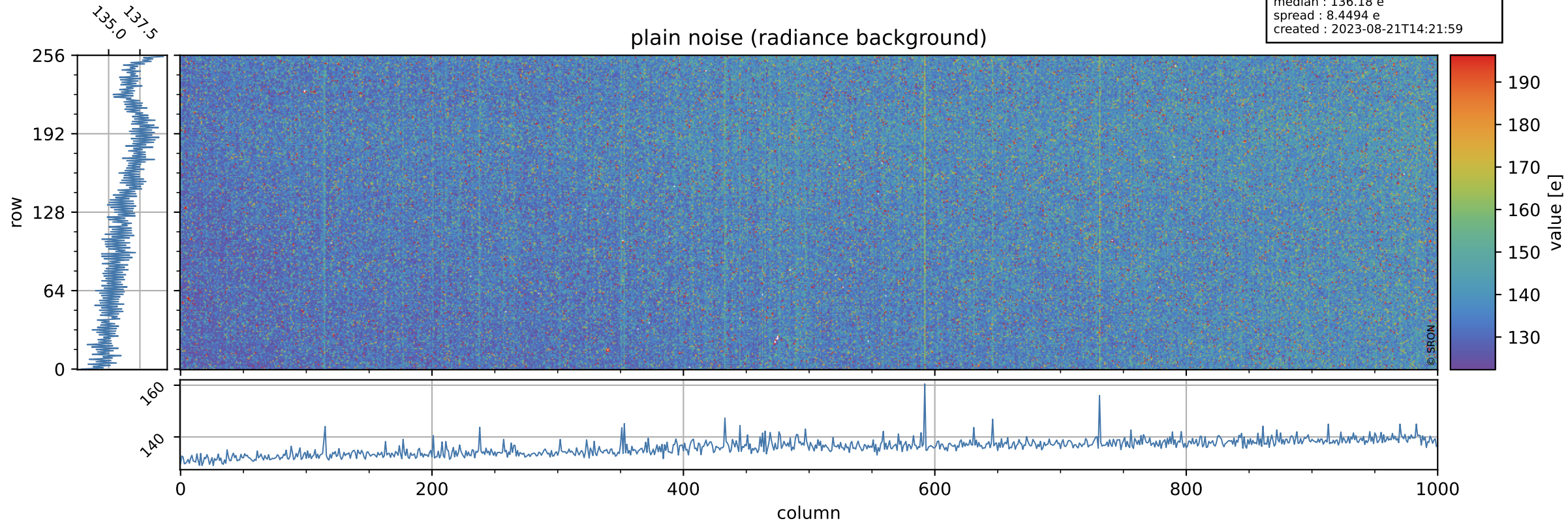
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3367, 3442]
coverage : 2018-06-07 / 2018-06-12
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.4494 e
created : 2023-08-21T14:21:59

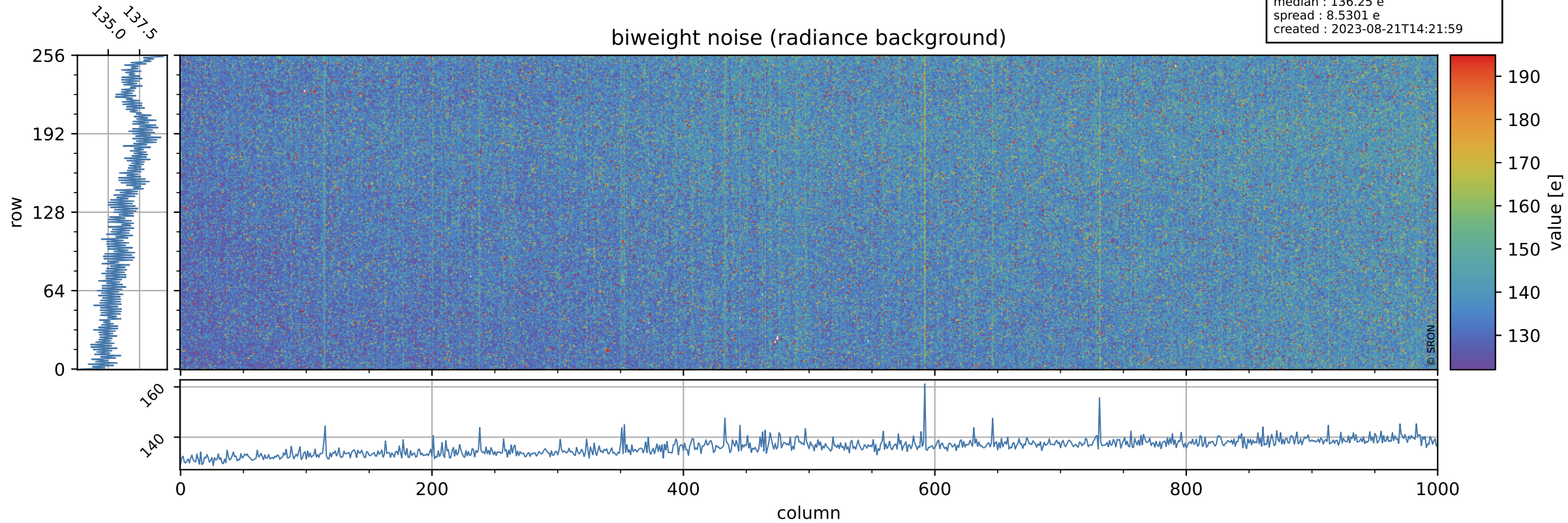
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3367, 3442]
coverage : 2018-06-07 / 2018-06-12
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.5301 e
created : 2023-08-21T14:21:59

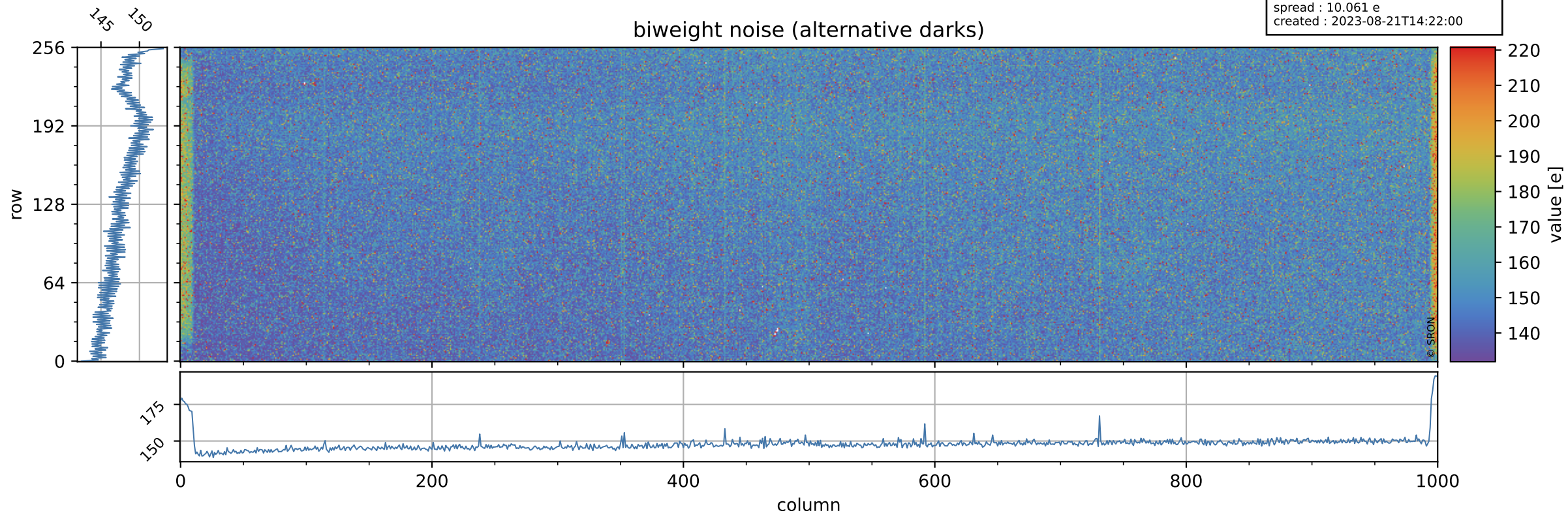
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3367, 3442]
coverage : 2018-06-07 / 2018-06-12
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.061 e
created : 2023-08-21T14:22:00

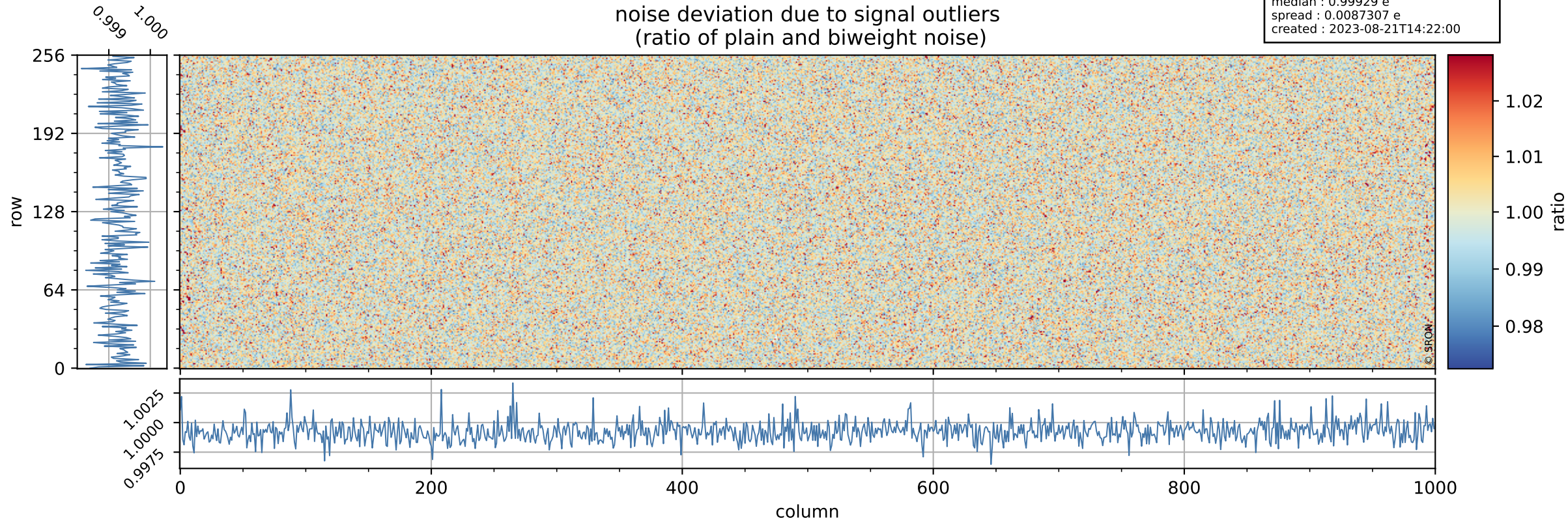
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

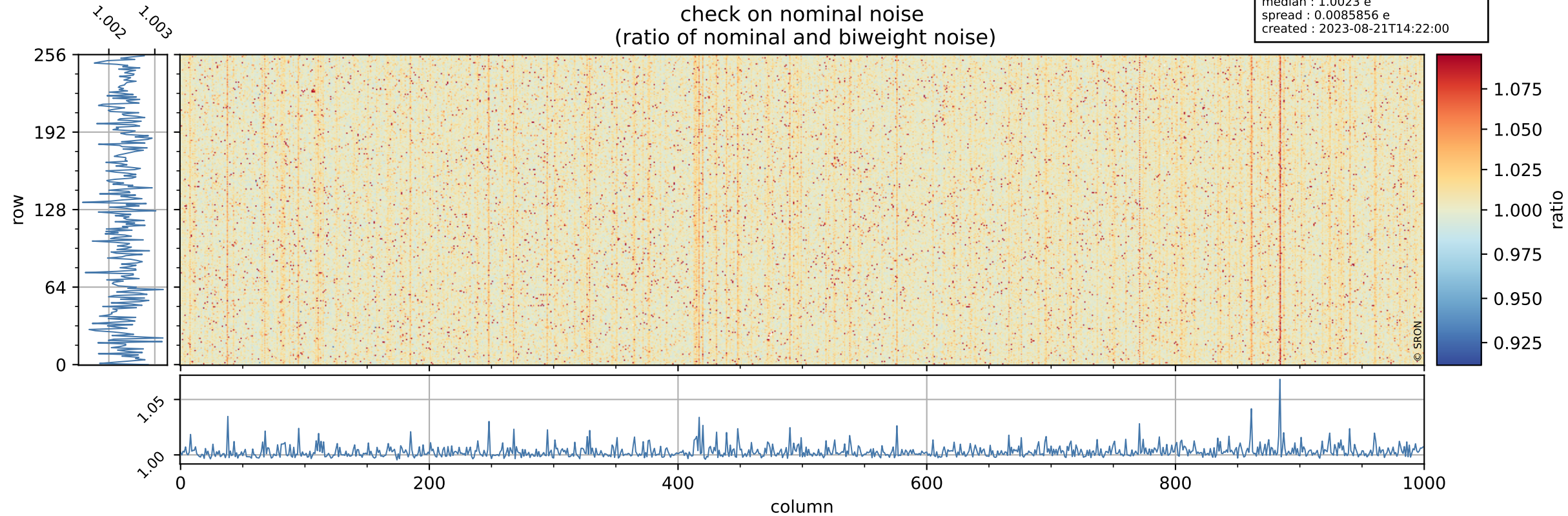
orbits : 12 in [3367, 3442]
coverage : 2018-06-07 / 2018-06-12
median : 0.99929 e
spread : 0.0087307 e
created : 2023-08-21T14:22:00



Tropomi SWIR background noise (swir)

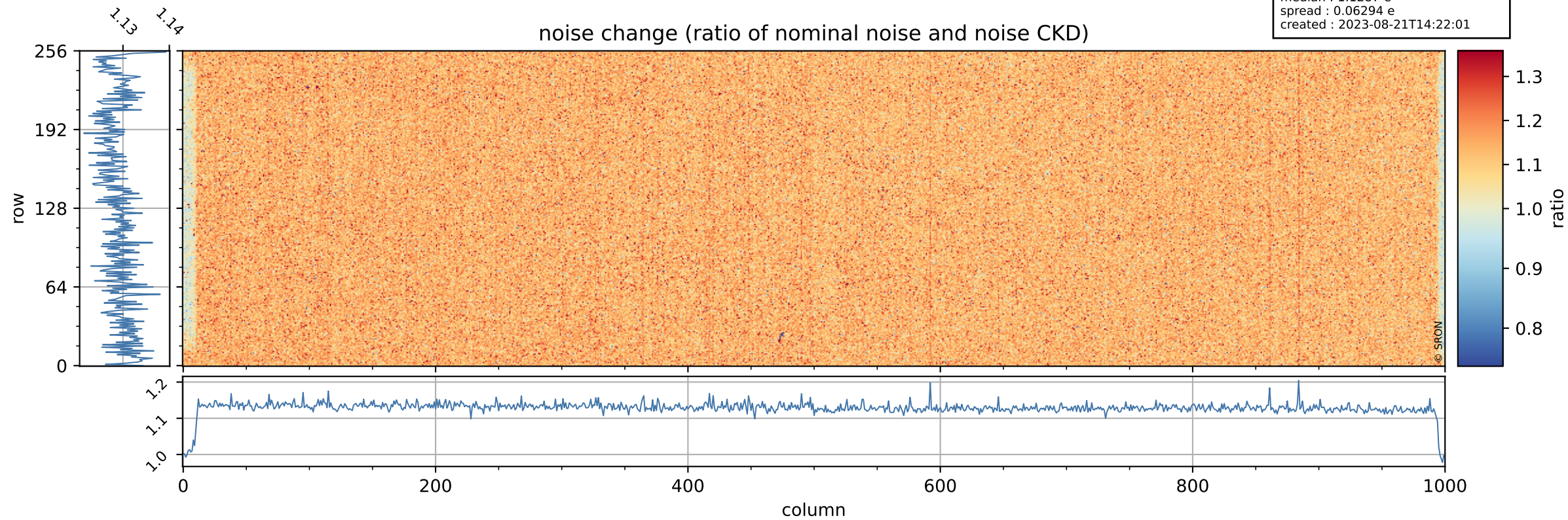
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3367, 3442]
coverage : 2018-06-07 / 2018-06-12
median : 1.0023 e
spread : 0.0085856 e
created : 2023-08-21T14:22:00



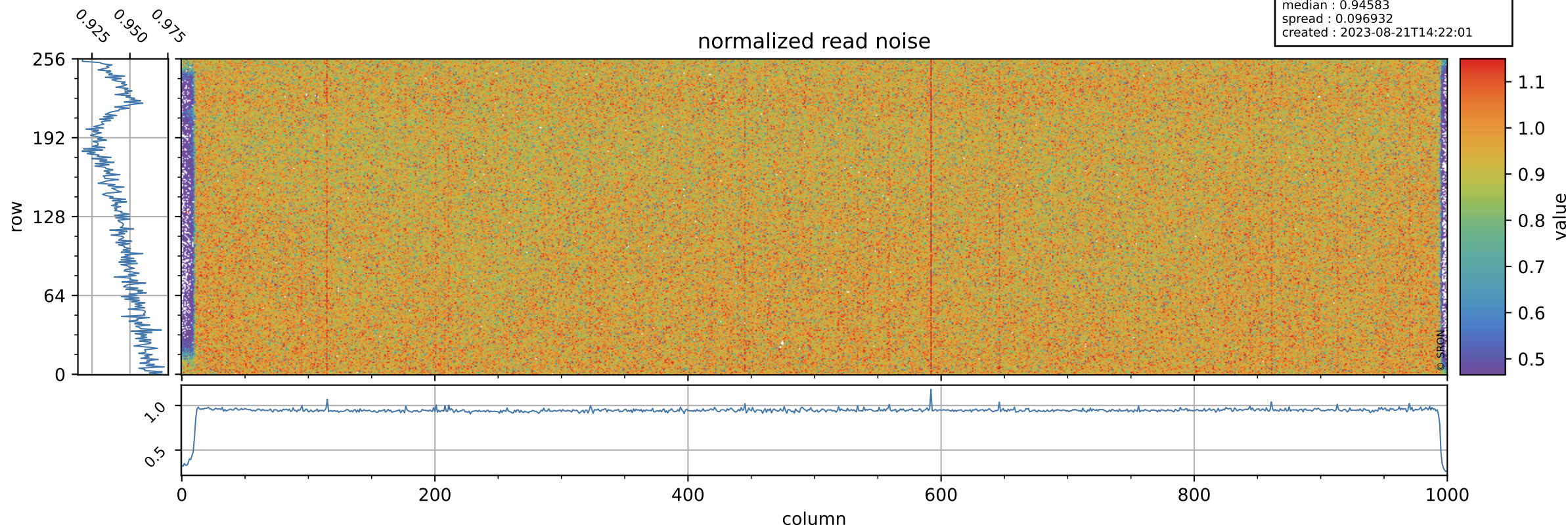
Tropomi SWIR background noise (swir)

orbits : 12 in [3367, 3442]
coverage : 2018-06-07 / 2018-06-12
median : 1.1287 e
spread : 0.06294 e
created : 2023-08-21T14:22:01



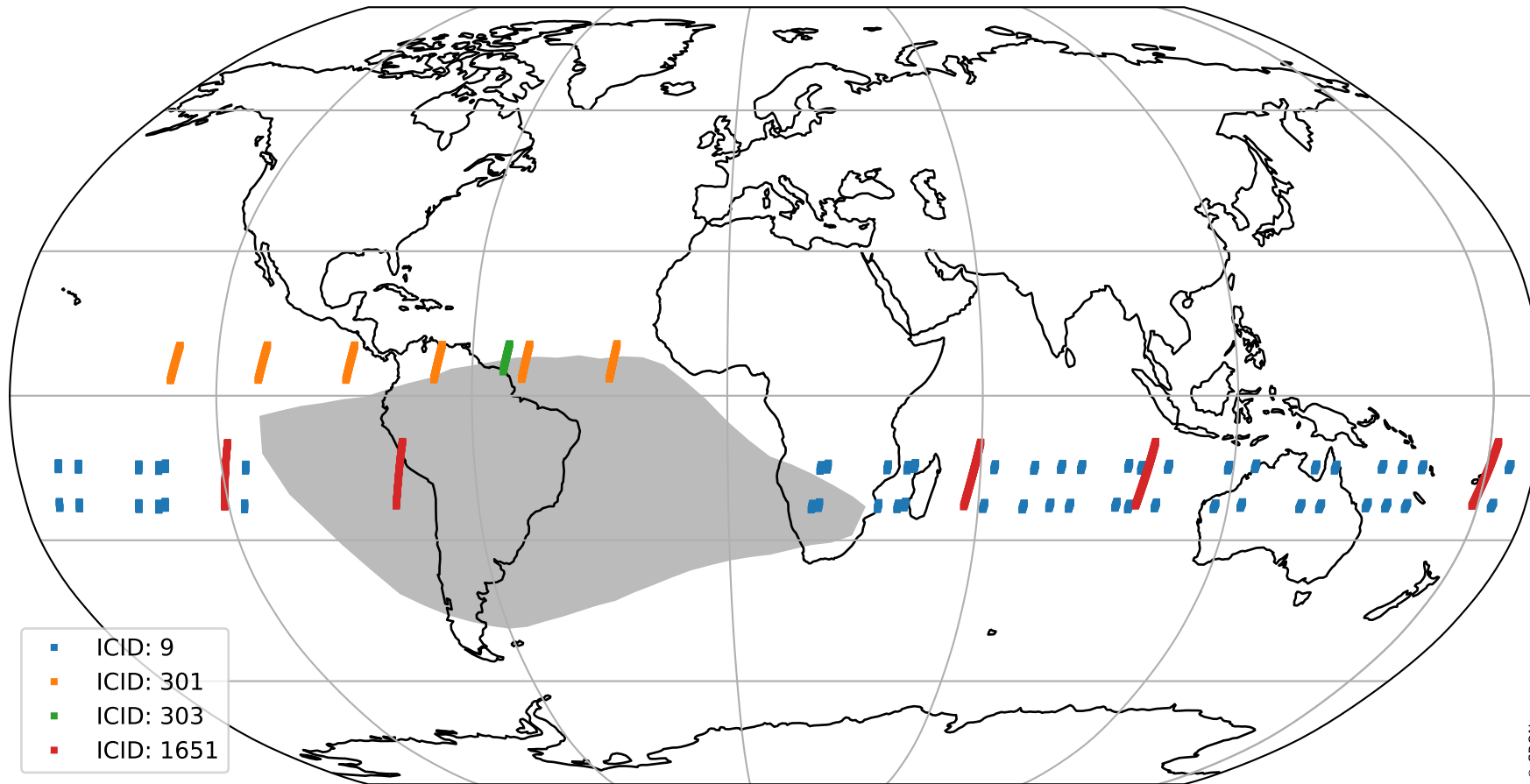
Tropomi SWIR background noise (swir)

orbits : 12 in [3367, 3442]
coverage : 2018-06-07 / 2018-06-12
median : 0.94583
spread : 0.096932
created : 2023-08-21T14:22:01



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

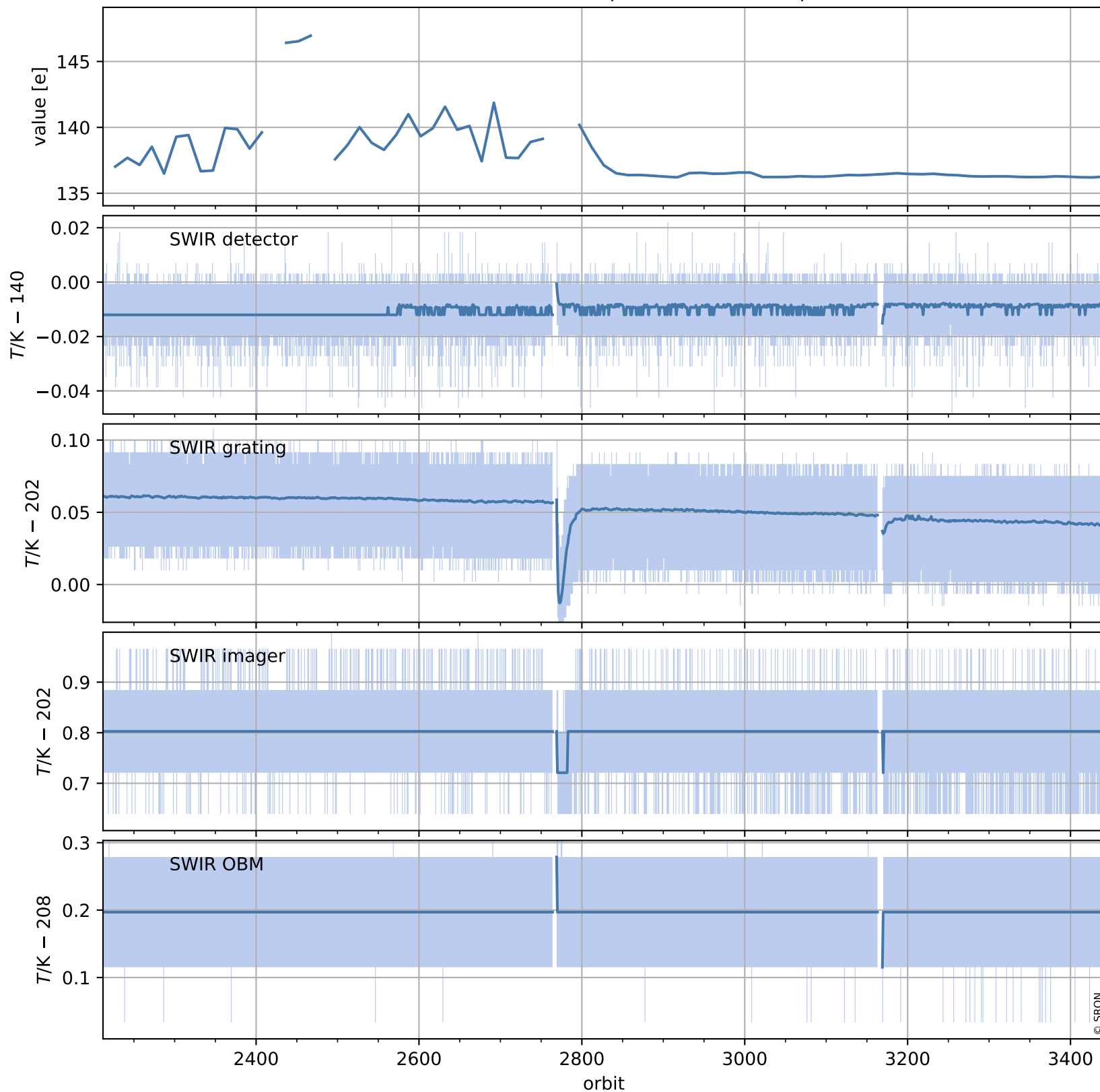
orbits : 12 in [3367, 3442]
coverage : 2018-06-07 / 2018-06-12
created : 2023-08-21T14:22:01



Tropomi SWIR background noise (swir)

orbits : [2212, 3442]
coverage : 2018-03-18 / 2018-06-12
created : 2023-08-21T14:22:01

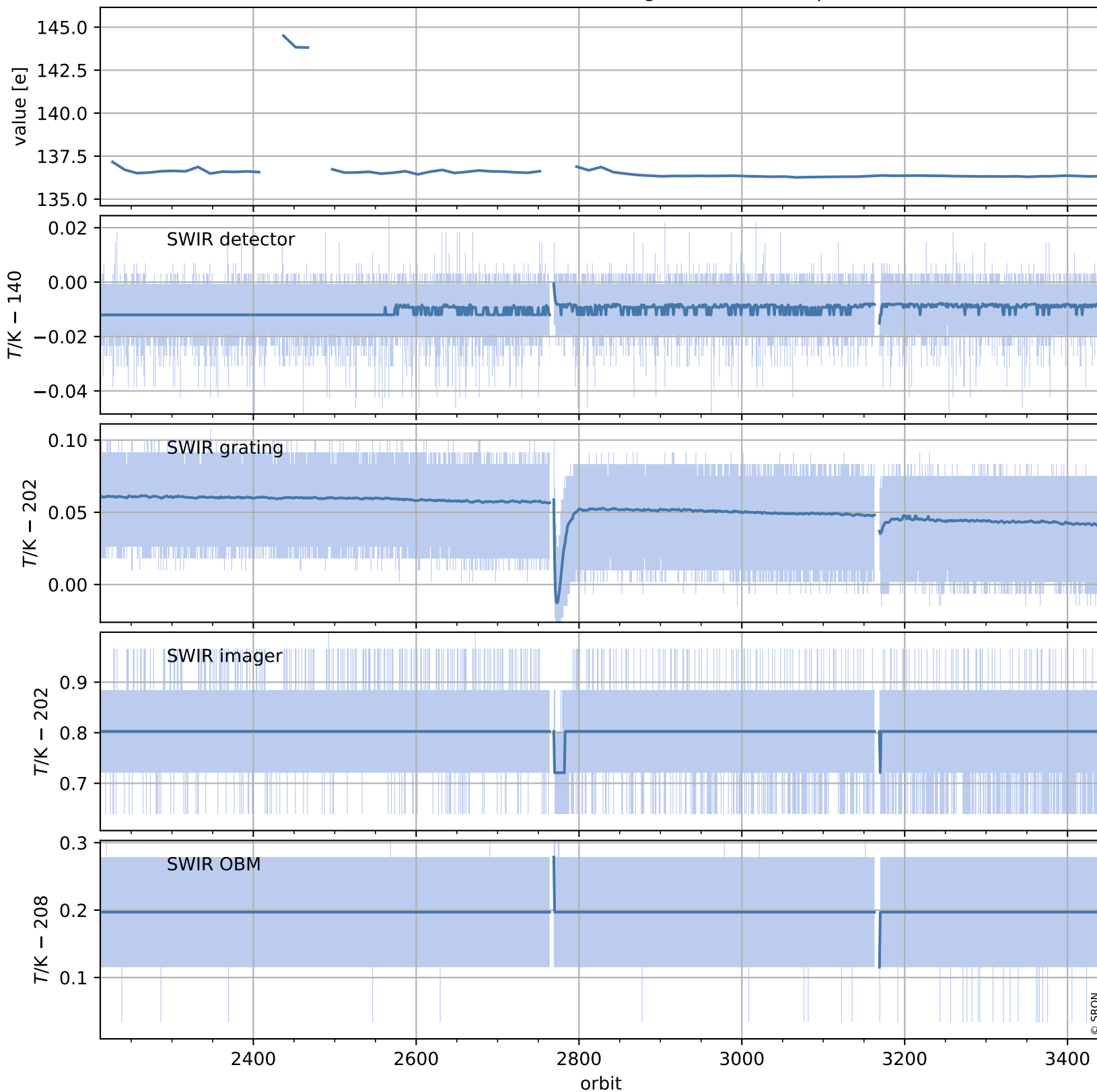
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3442]
coverage : 2018-03-18 / 2018-06-12
created : 2023-08-21T14:22:02

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3442]
coverage : 2018-03-18 / 2018-06-12
created : 2023-08-21T14:22:02

trend of normalized read-noise & temperatures

