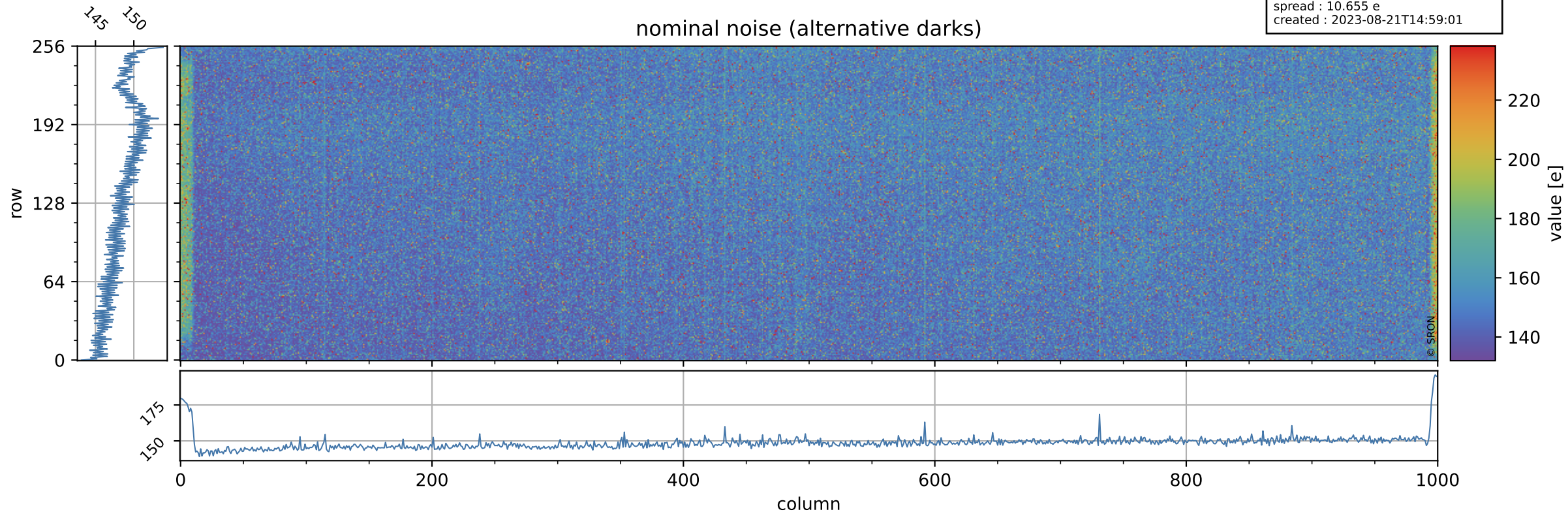


Tropomi SWIR background noise (swir)

orbits : 12 in [8692, 8782]
coverage : 2019-06-18 / 2019-06-24
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.655 e
created : 2023-08-21T14:59:01

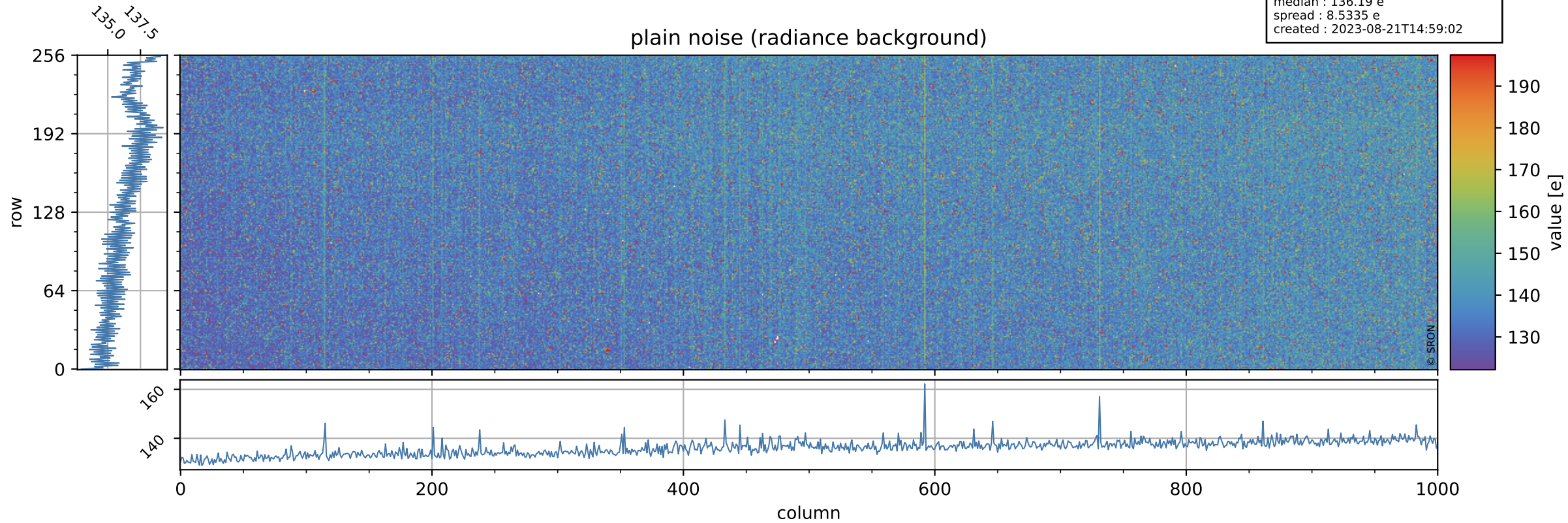
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8692, 8782]
coverage : 2019-06-18 / 2019-06-24
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.5335 e
created : 2023-08-21T14:59:02

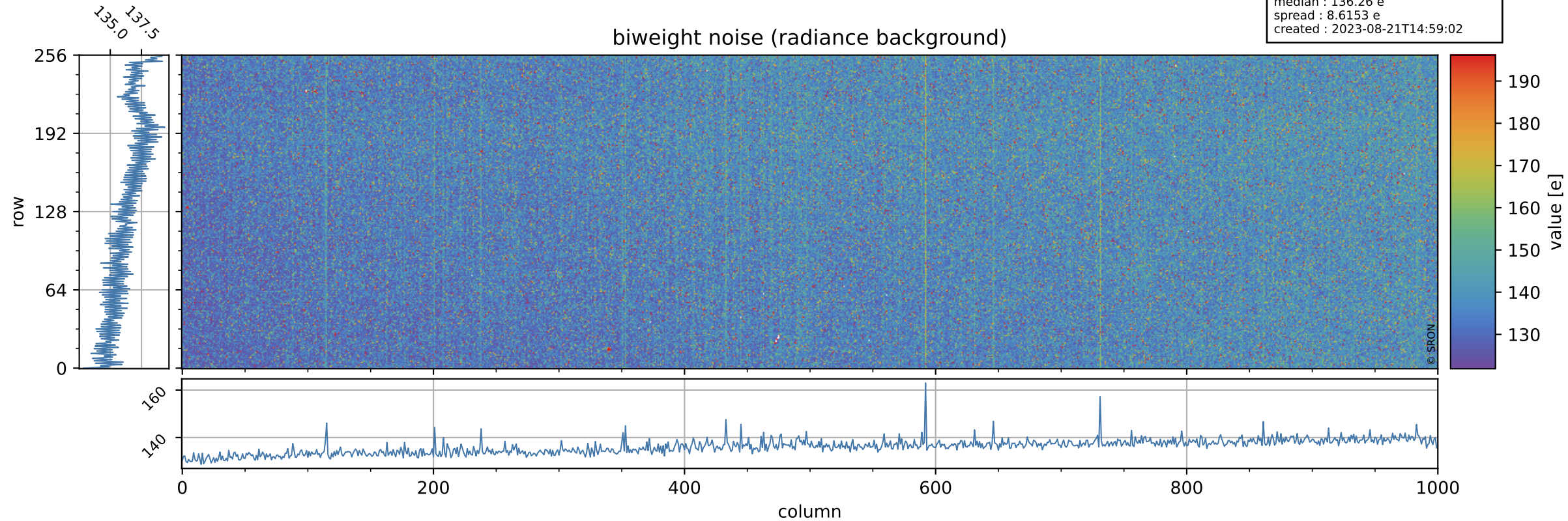
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8692, 8782]
coverage : 2019-06-18 / 2019-06-24
n_coad, t_exp : 2, 0.5383
median : 136.26 e
spread : 8.6153 e
created : 2023-08-21T14:59:02

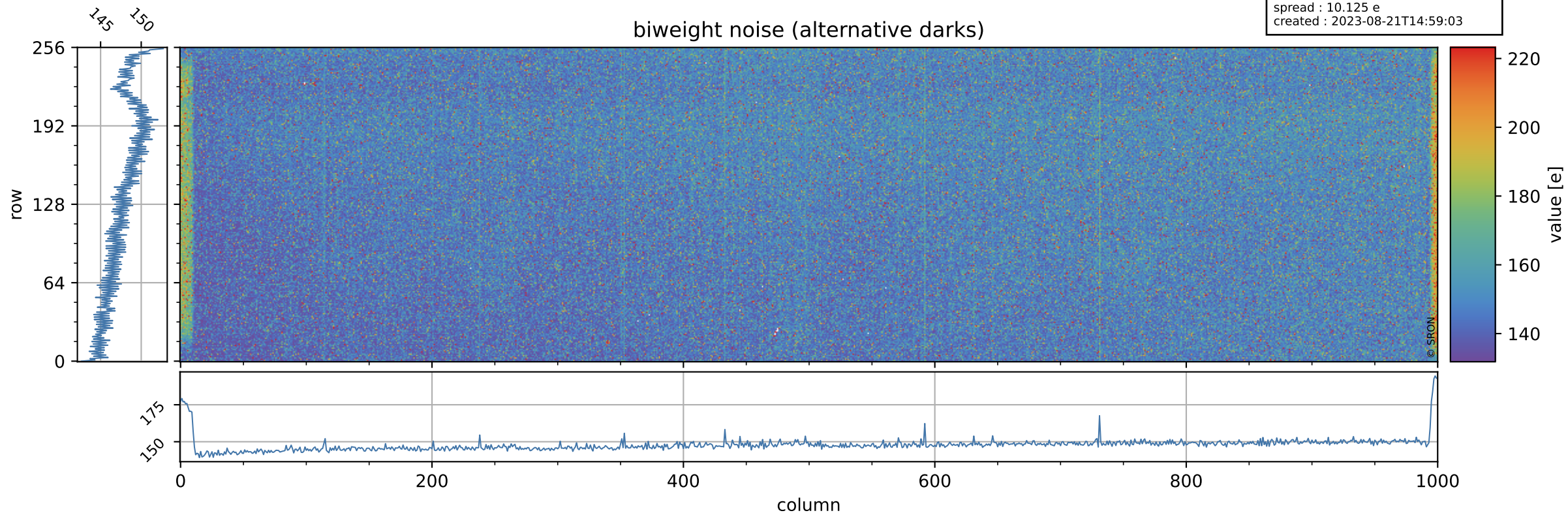
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8692, 8782]
coverage : 2019-06-18 / 2019-06-24
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.125 e
created : 2023-08-21T14:59:03

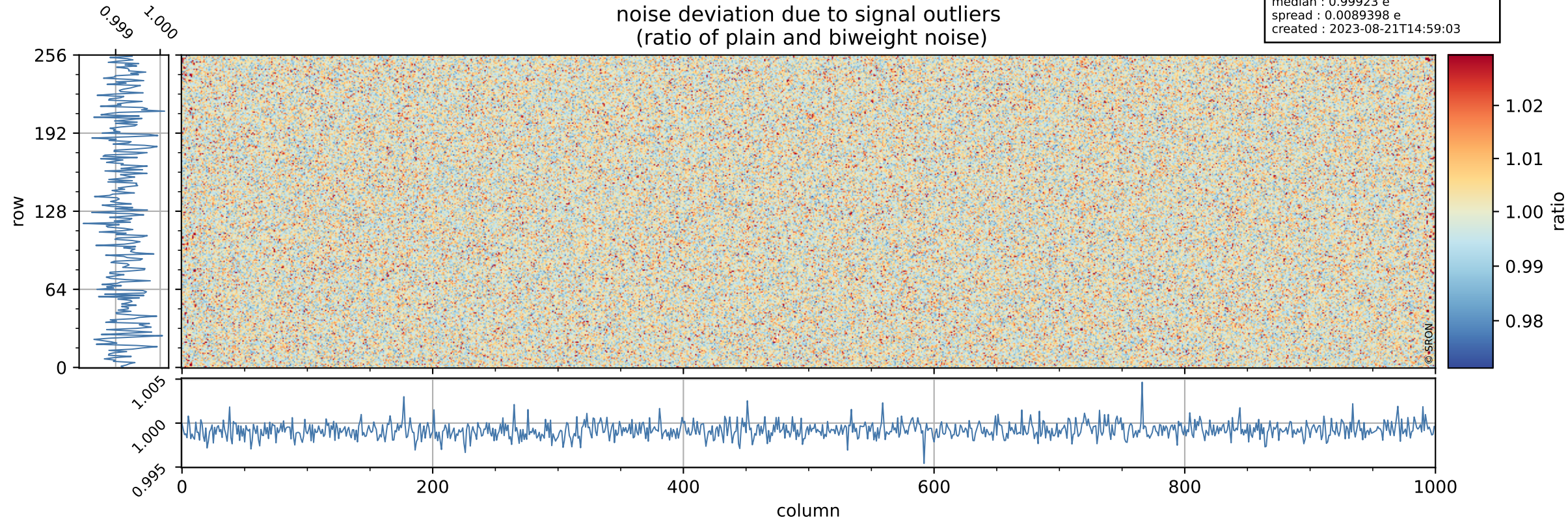
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

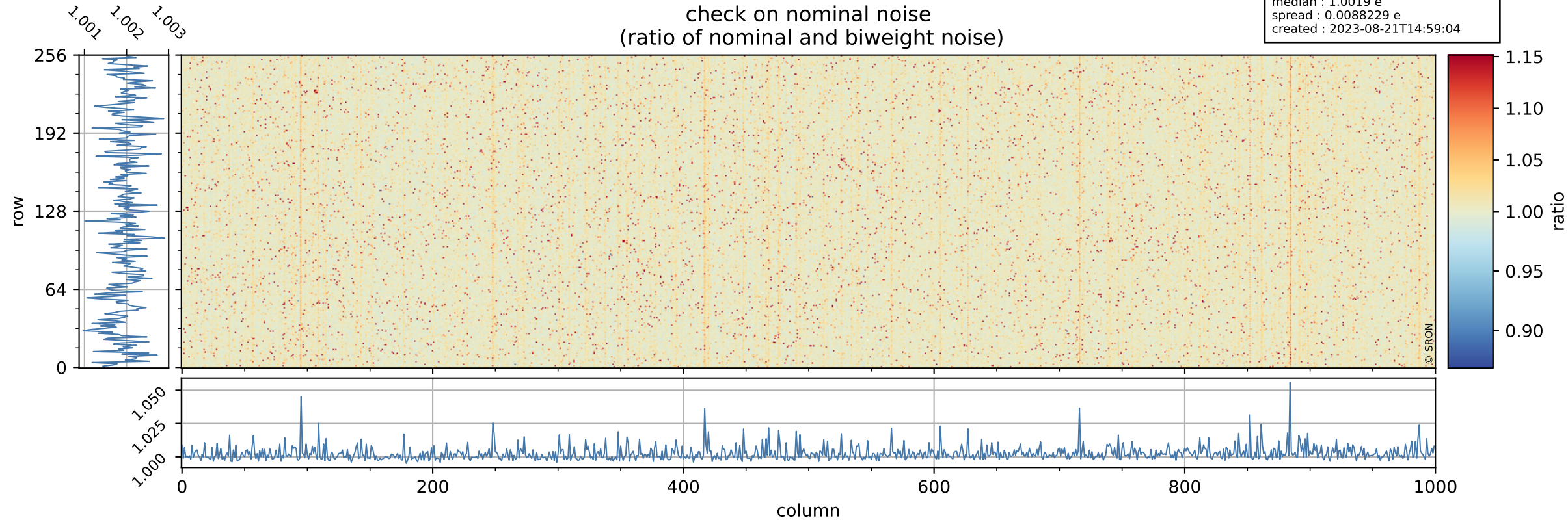
orbits : 12 in [8692, 8782]
coverage : 2019-06-18 / 2019-06-24
median : 0.99923 e
spread : 0.0089398 e
created : 2023-08-21T14:59:03



Tropomi SWIR background noise (swir)

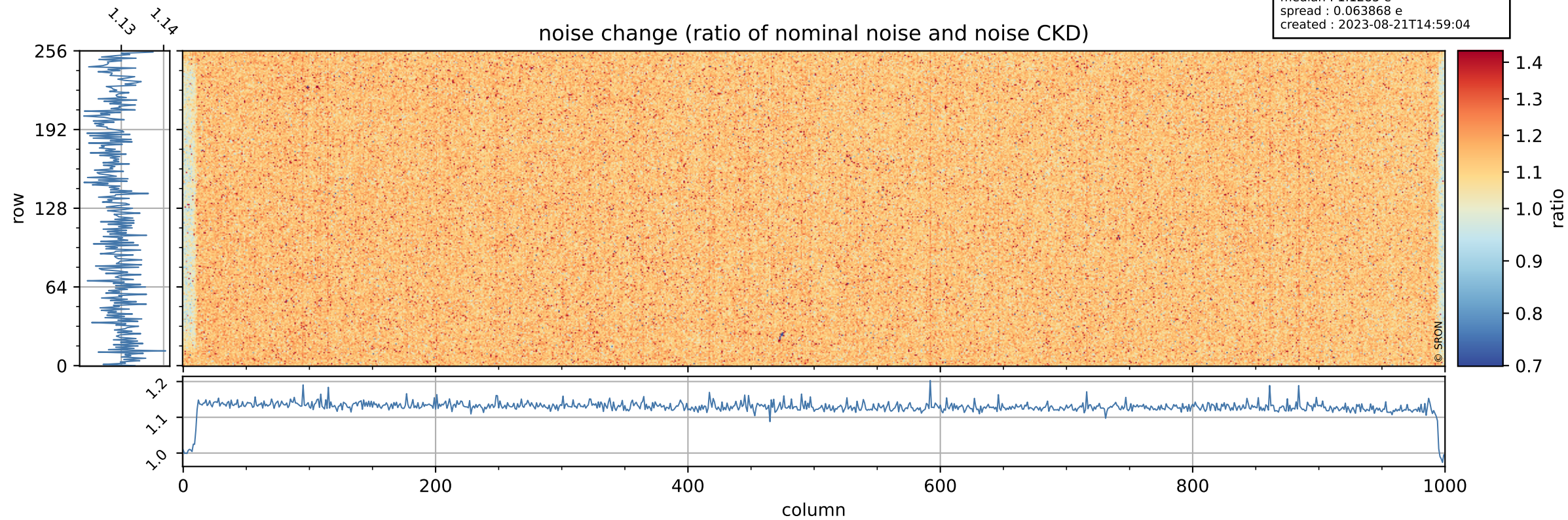
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8692, 8782]
coverage : 2019-06-18 / 2019-06-24
median : 1.0019 e
spread : 0.0088229 e
created : 2023-08-21T14:59:04



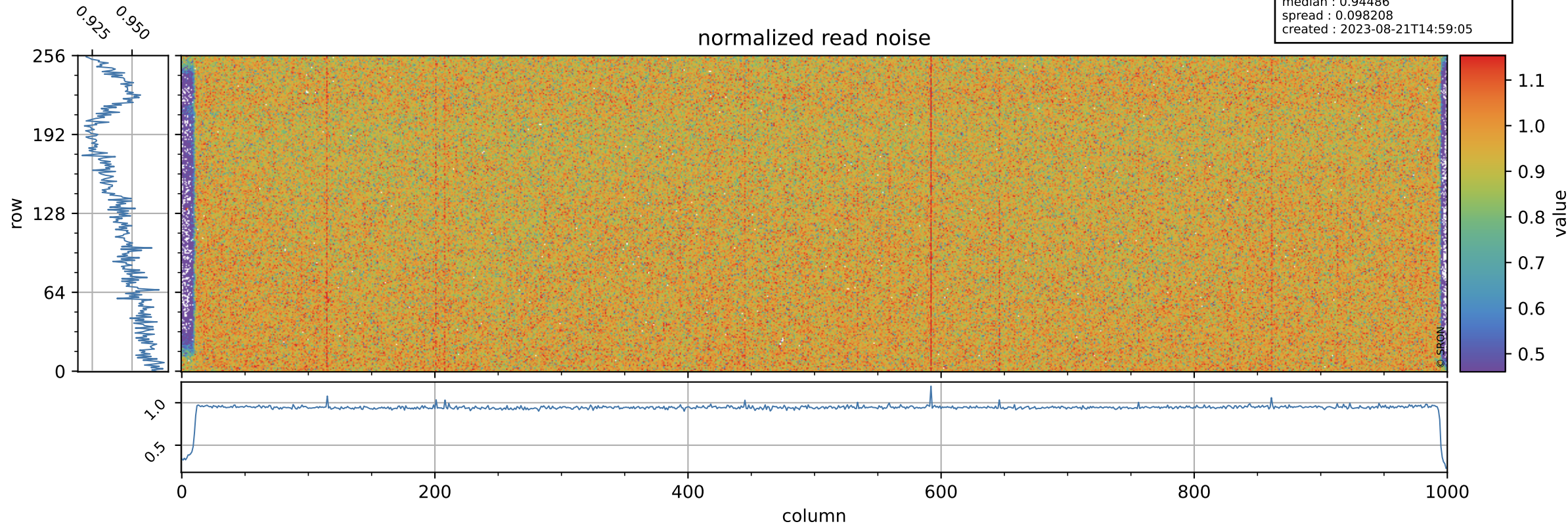
Tropomi SWIR background noise (swir)

orbits : 12 in [8692, 8782]
coverage : 2019-06-18 / 2019-06-24
median : 1.1285 e
spread : 0.063868 e
created : 2023-08-21T14:59:04



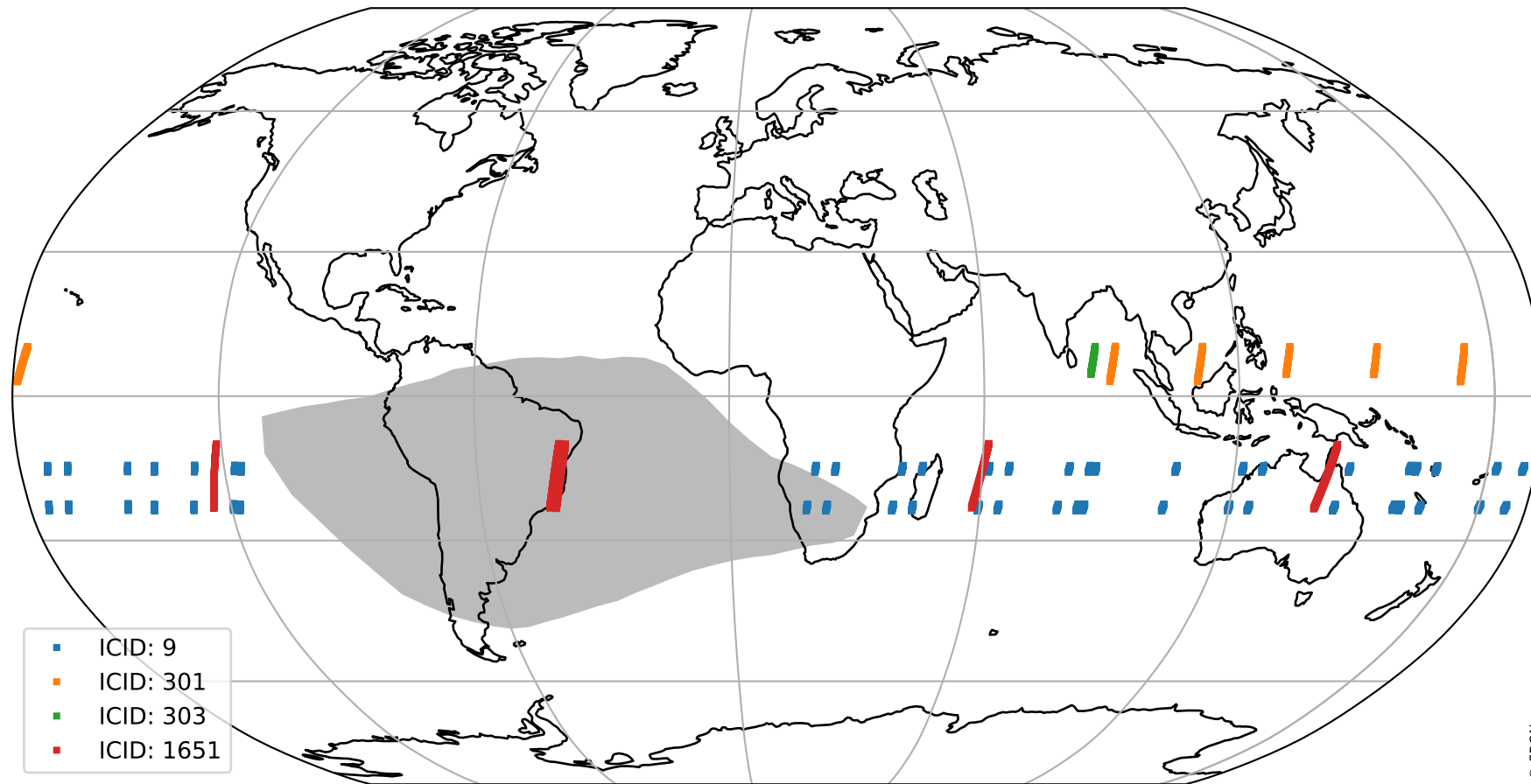
Tropomi SWIR background noise (swir)

orbits : 12 in [8692, 8782]
coverage : 2019-06-18 / 2019-06-24
median : 0.94486
spread : 0.098208
created : 2023-08-21T14:59:05



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

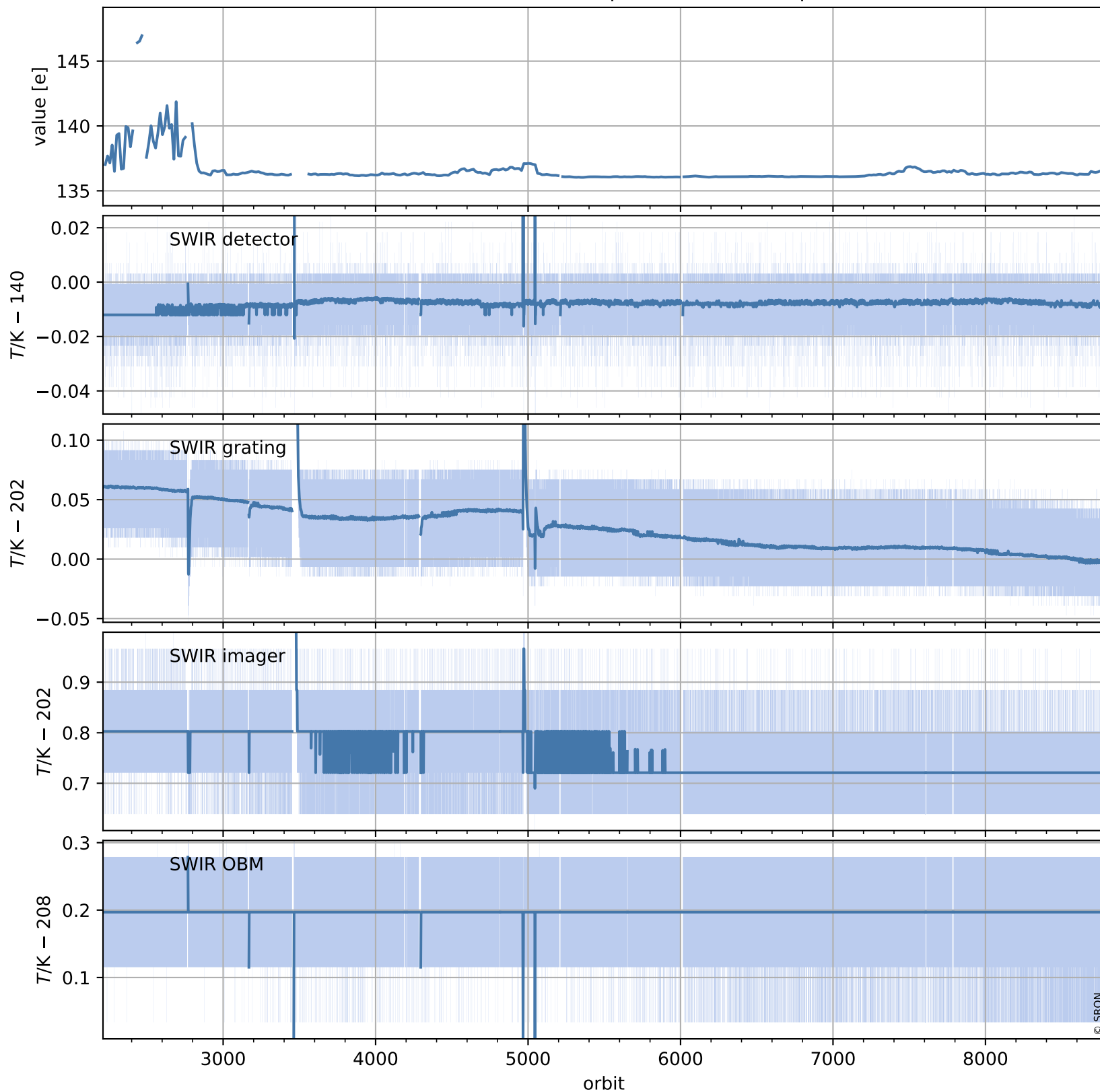
orbits : 12 in [8692, 8782]
coverage : 2019-06-18 / 2019-06-24
created : 2023-08-21T14:59:05



Tropomi SWIR background noise (swir)

orbits : [2212, 8782]
coverage : 2018-03-18 / 2019-06-24
created : 2023-08-21T14:59:05

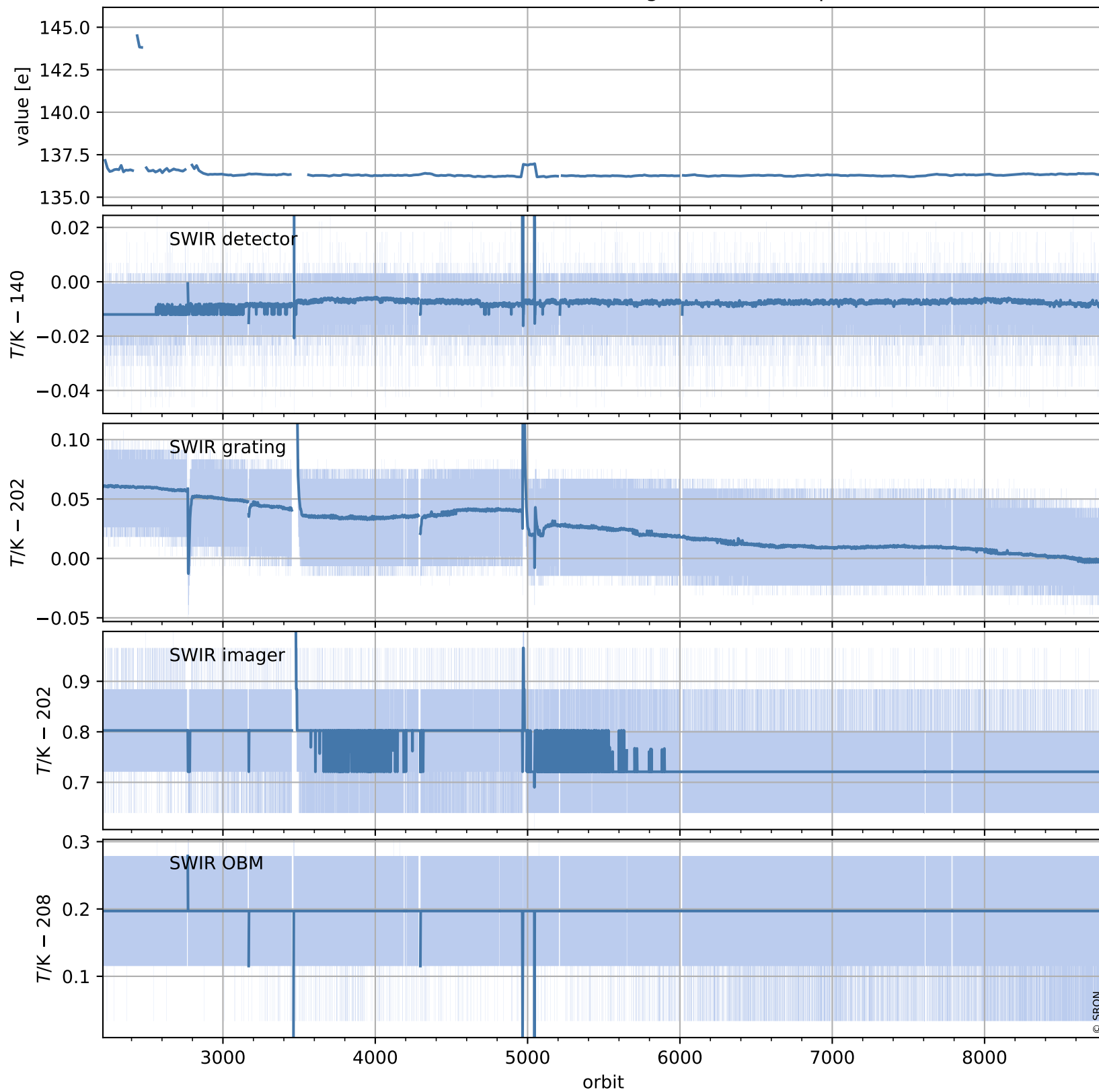
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8782]
coverage : 2018-03-18 / 2019-06-24
created : 2023-08-21T14:59:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8782]
coverage : 2018-03-18 / 2019-06-24
created : 2023-08-21T14:59:07

trend of normalized read-noise & temperatures

