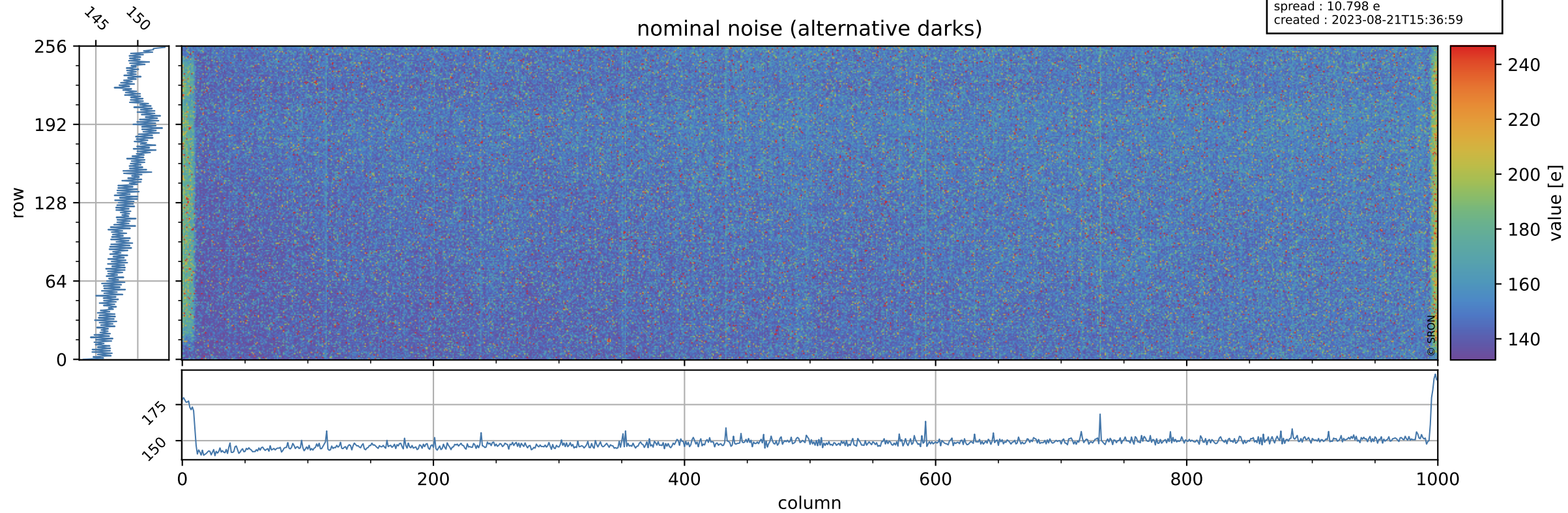


Tropomi SWIR background noise (swir)

orbits : 12 in [14437, 14527]
coverage : 2020-07-27 / 2020-08-02
n_coad, t_exp : 1, 1.0783
median : 148.57 e
spread : 10.798 e
created : 2023-08-21T15:36:59

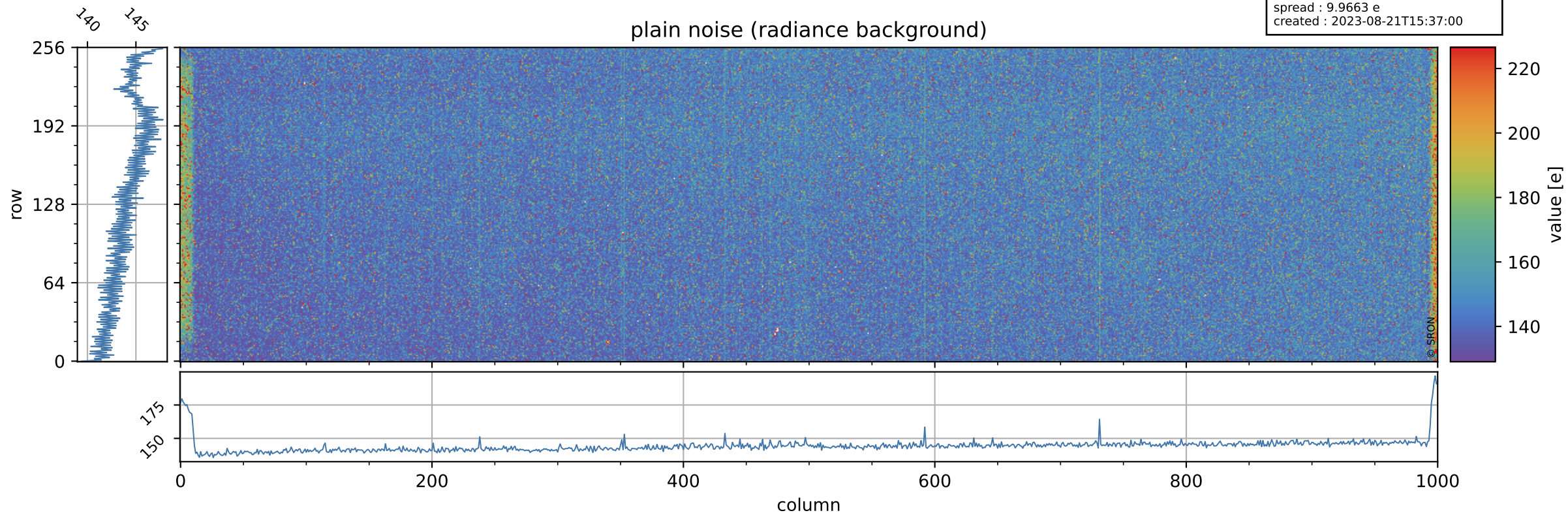
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14437, 14527]
coverage : 2020-07-27 / 2020-08-02
n_coad, t_exp : 1, 0.8383
median : 143.99 e
spread : 9.9663 e
created : 2023-08-21T15:37:00

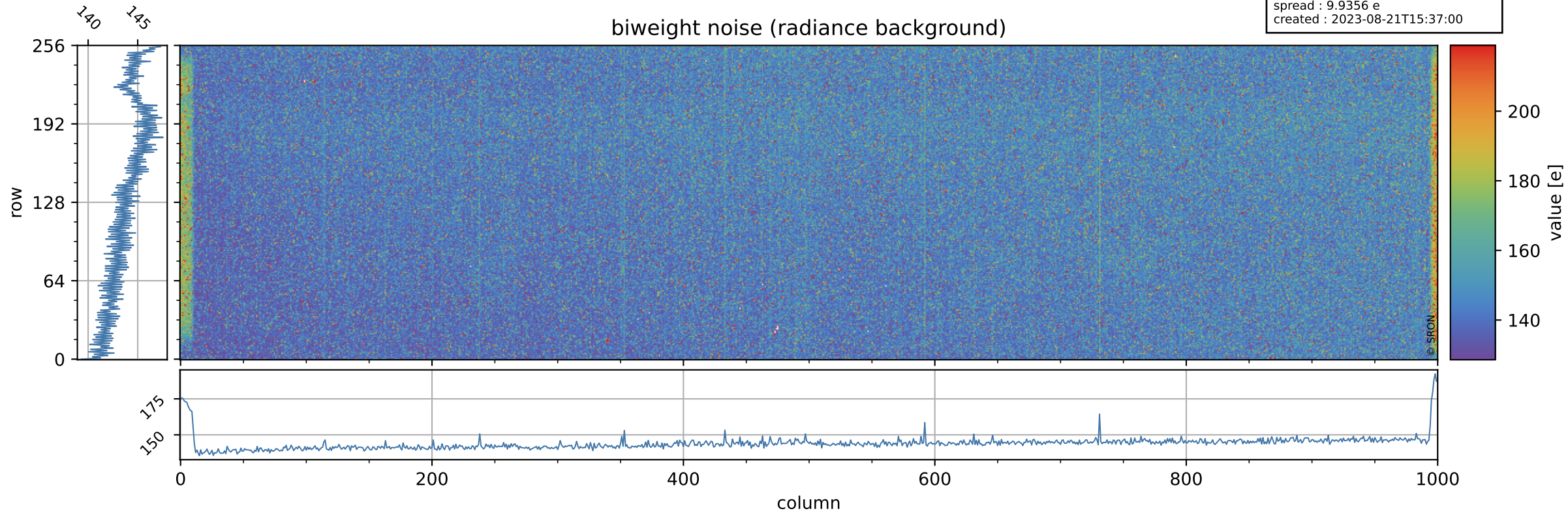
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14437, 14527]
coverage : 2020-07-27 / 2020-08-02
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9356 e
created : 2023-08-21T15:37:00

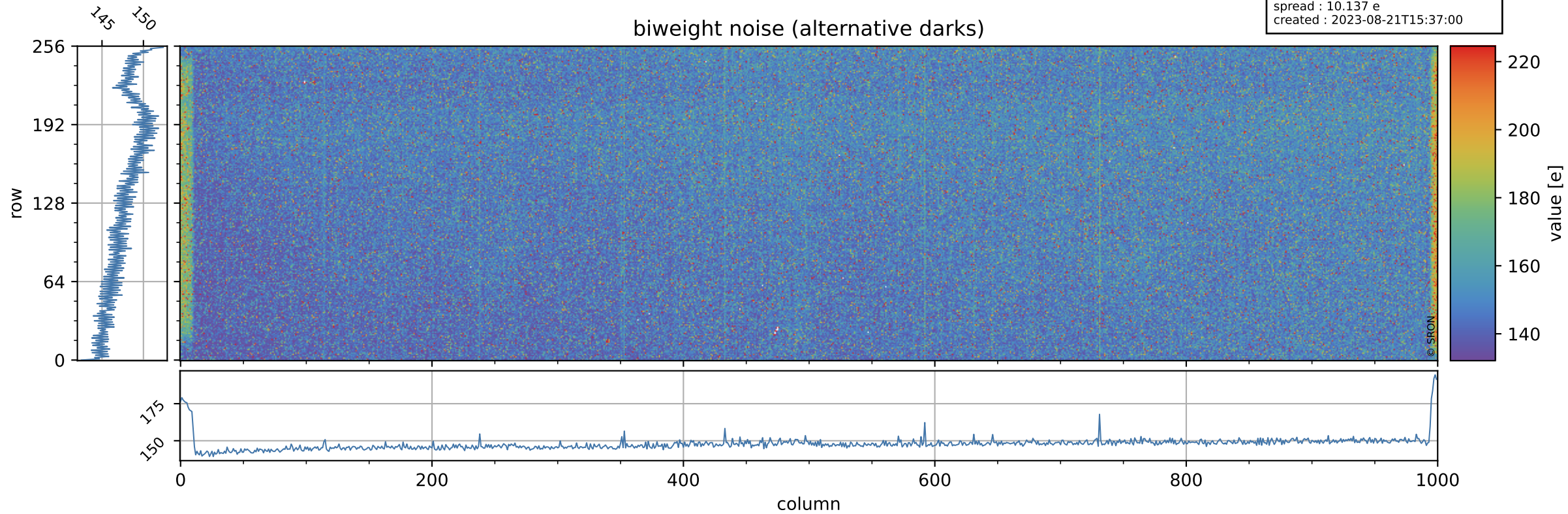
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14437, 14527]
coverage : 2020-07-27 / 2020-08-02
n_coad, t_exp : 1, 1.0783
median : 147.66 e
spread : 10.137 e
created : 2023-08-21T15:37:00

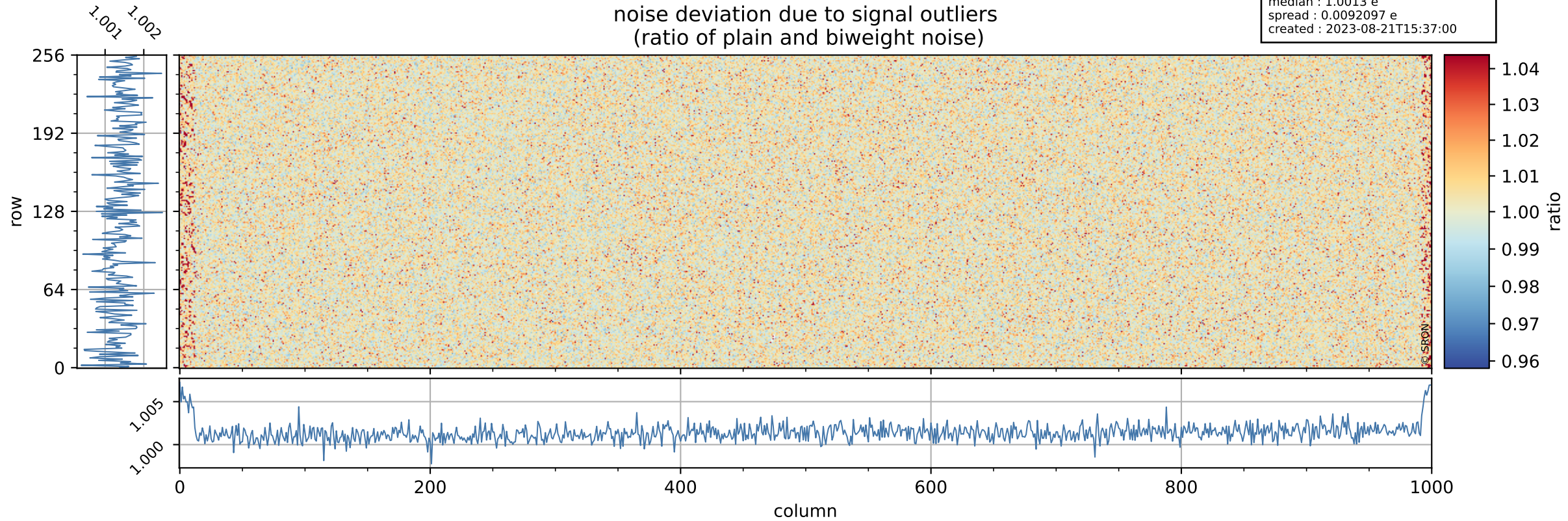
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

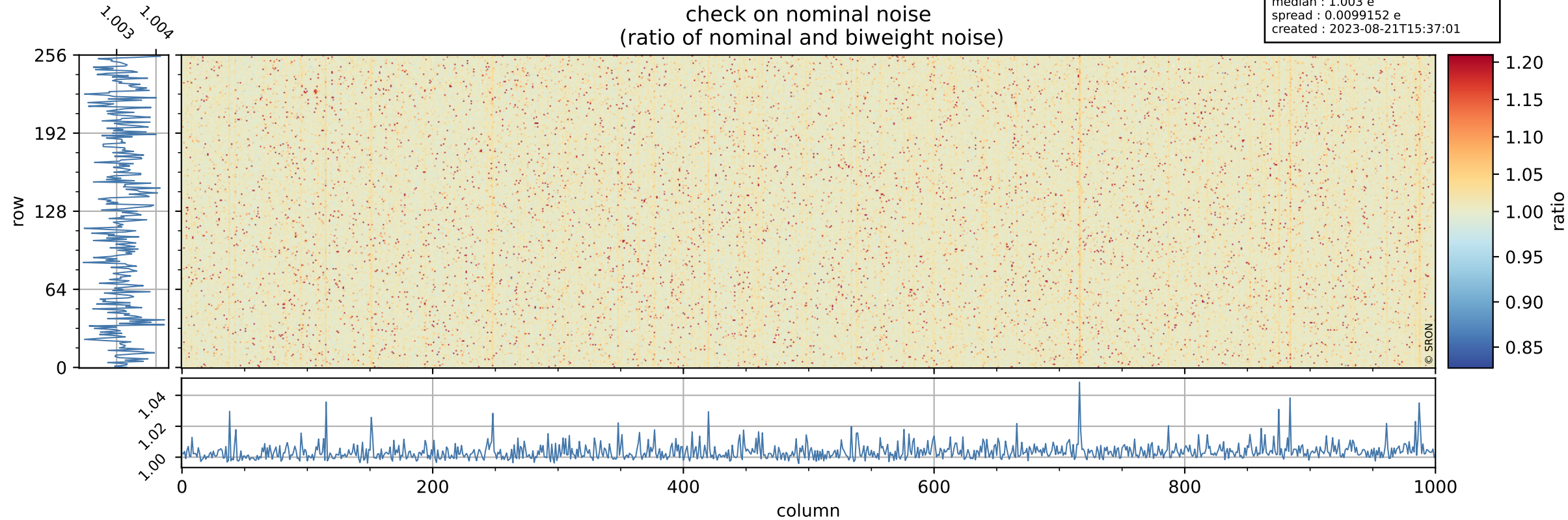
orbits : 12 in [14437, 14527]
coverage : 2020-07-27 / 2020-08-02
median : 1.0013 e
spread : 0.0092097 e
created : 2023-08-21T15:37:00



Tropomi SWIR background noise (swir)

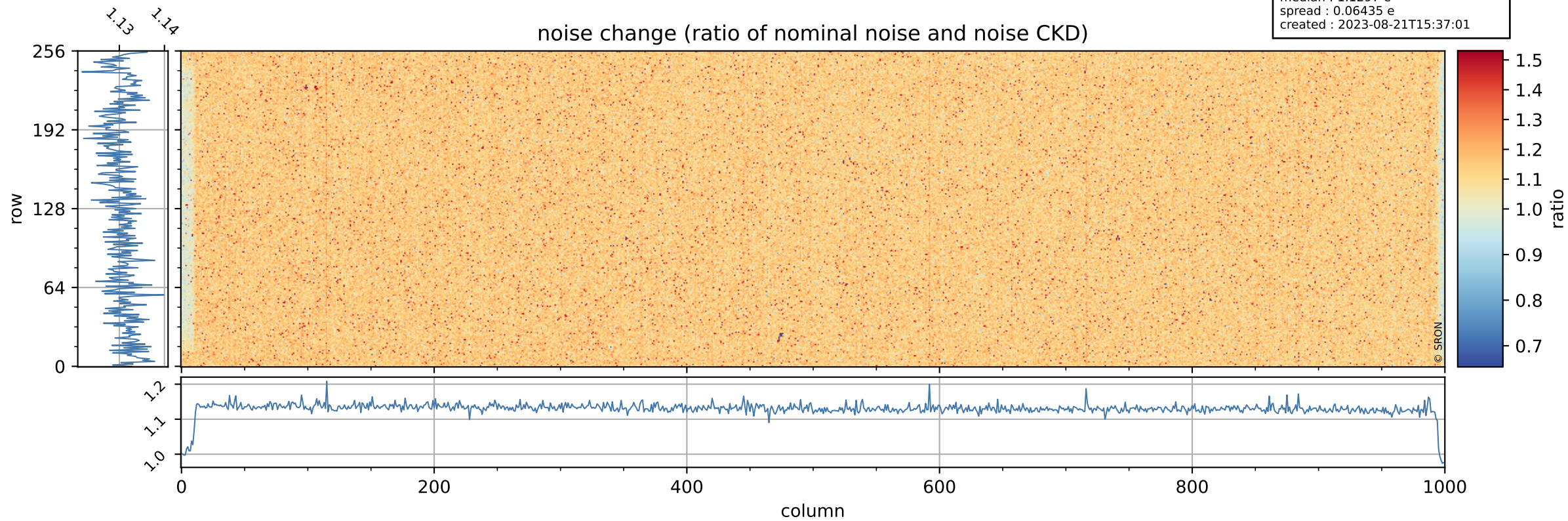
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14437, 14527]
coverage : 2020-07-27 / 2020-08-02
median : 1.003 e
spread : 0.0099152 e
created : 2023-08-21T15:37:01



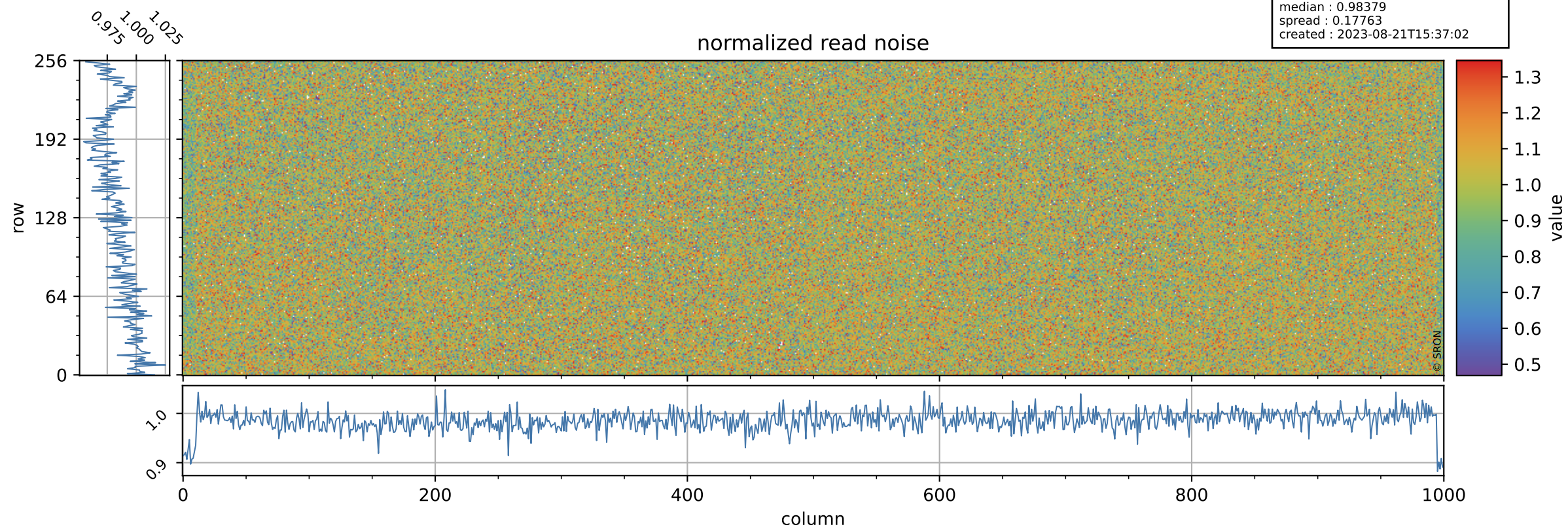
Tropomi SWIR background noise (swir)

orbits : 12 in [14437, 14527]
coverage : 2020-07-27 / 2020-08-02
median : 1.1297 e
spread : 0.06435 e
created : 2023-08-21T15:37:01



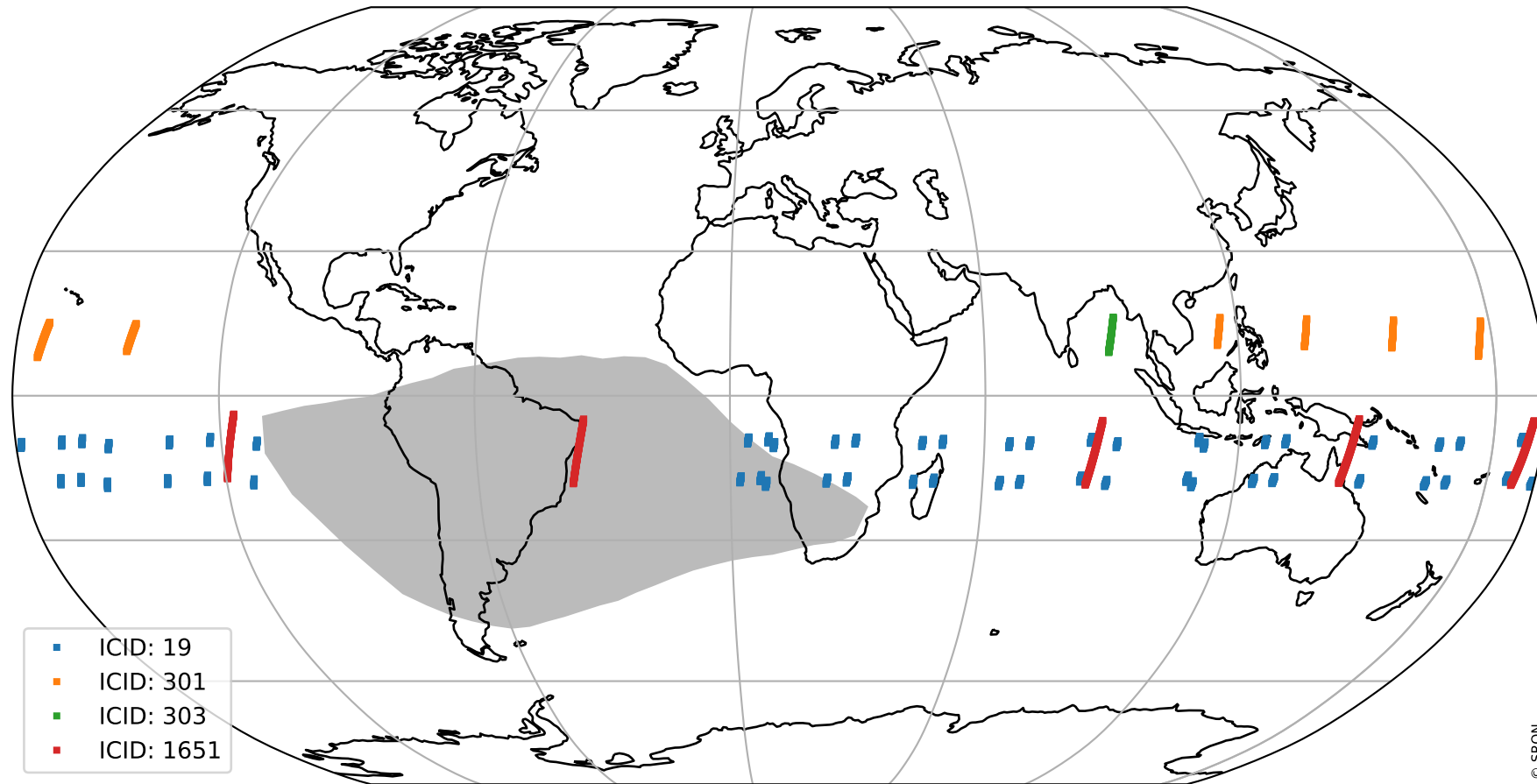
Tropomi SWIR background noise (swir)

orbits : 12 in [14437, 14527]
coverage : 2020-07-27 / 2020-08-02
median : 0.98379
spread : 0.17763
created : 2023-08-21T15:37:02



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

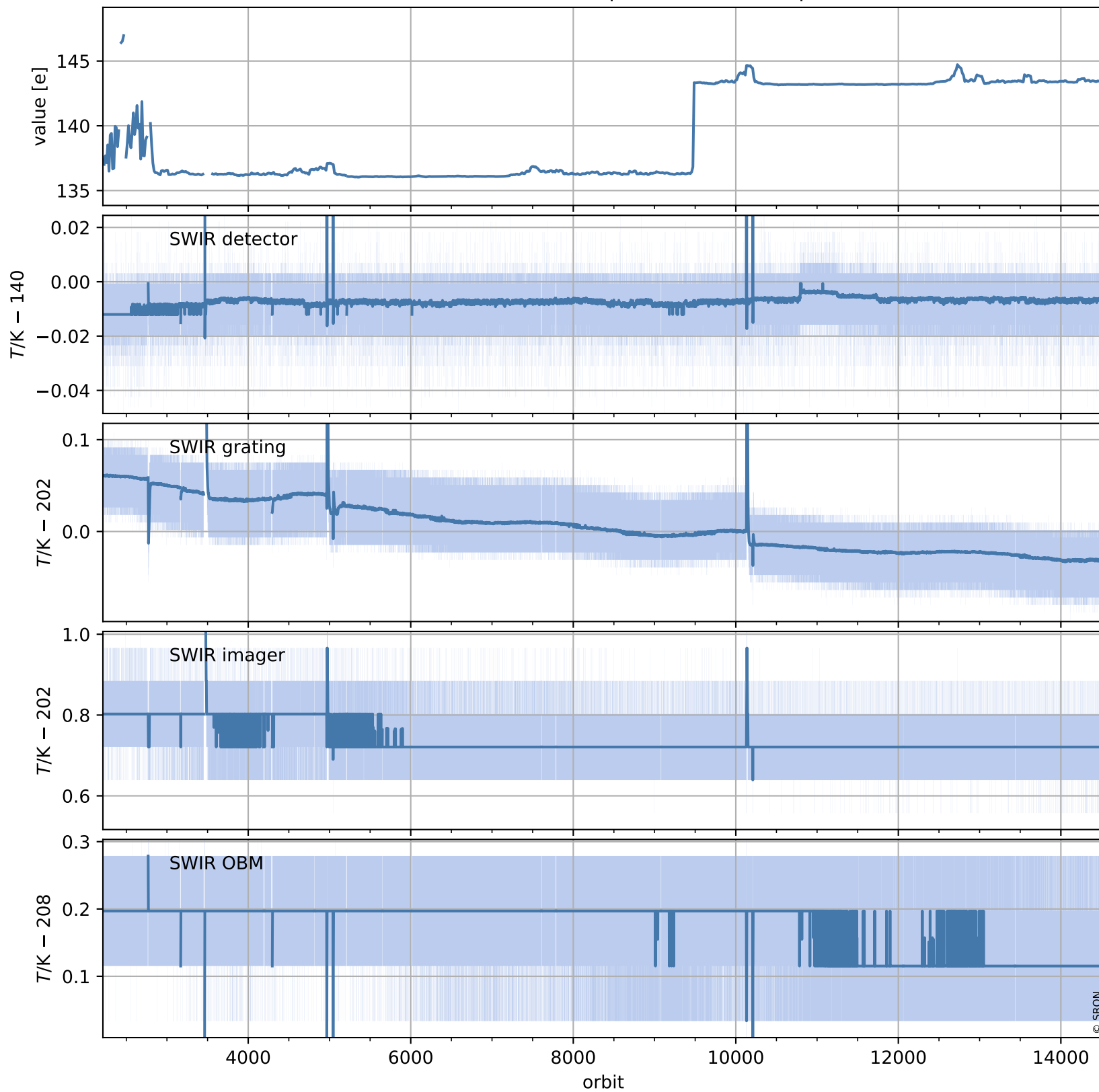
orbits : 12 in [14437, 14527]
coverage : 2020-07-27 / 2020-08-02
created : 2023-08-21T15:37:02



Tropomi SWIR background noise (swir)

orbits : [2212, 14527]
coverage : 2018-03-18 / 2020-08-02
created : 2023-08-21T15:37:02

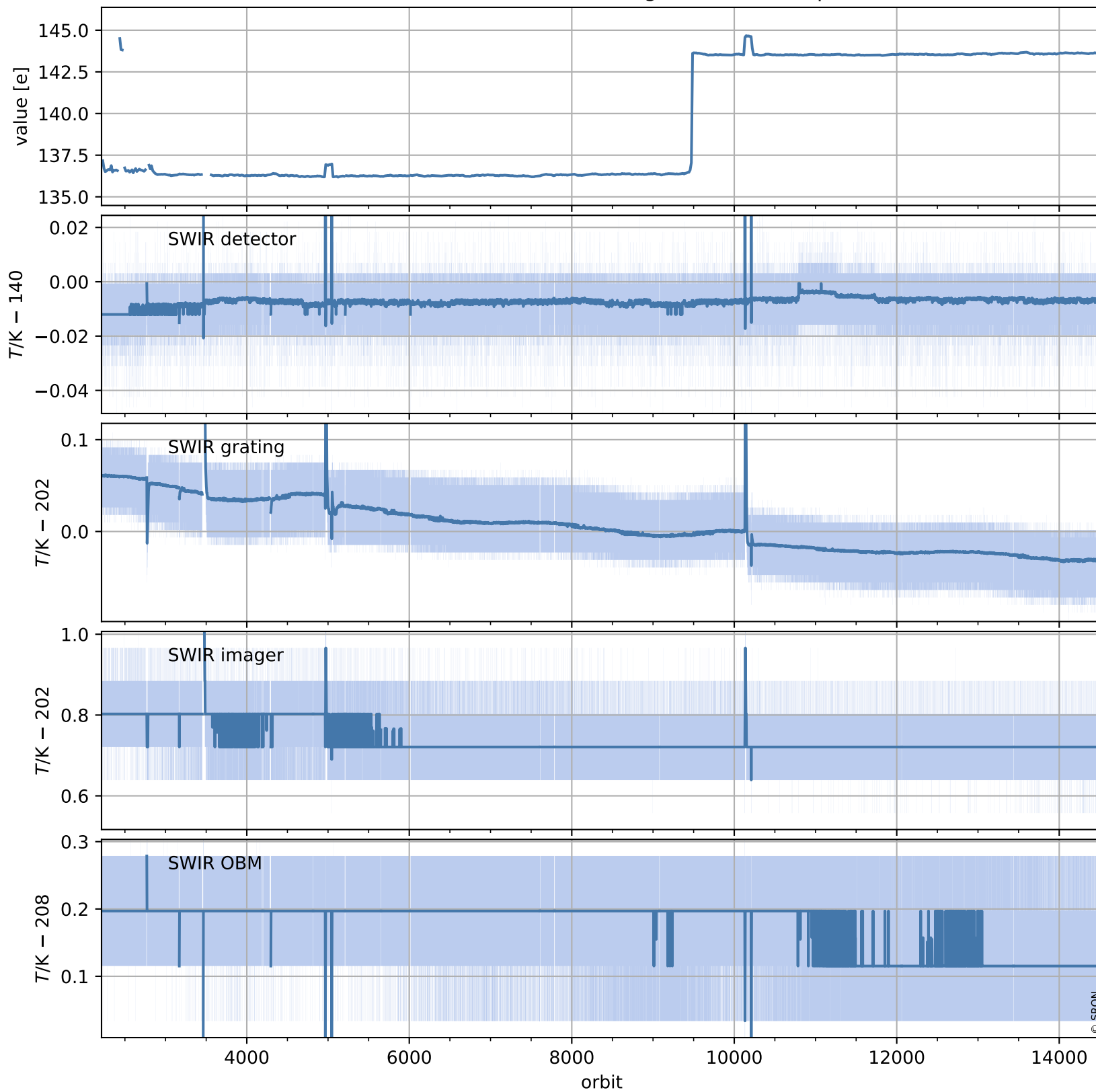
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14527]
coverage : 2018-03-18 / 2020-08-02
created : 2023-08-21T15:37:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14527]
coverage : 2018-03-18 / 2020-08-02
created : 2023-08-21T15:37:03

trend of normalized read-noise & temperatures

