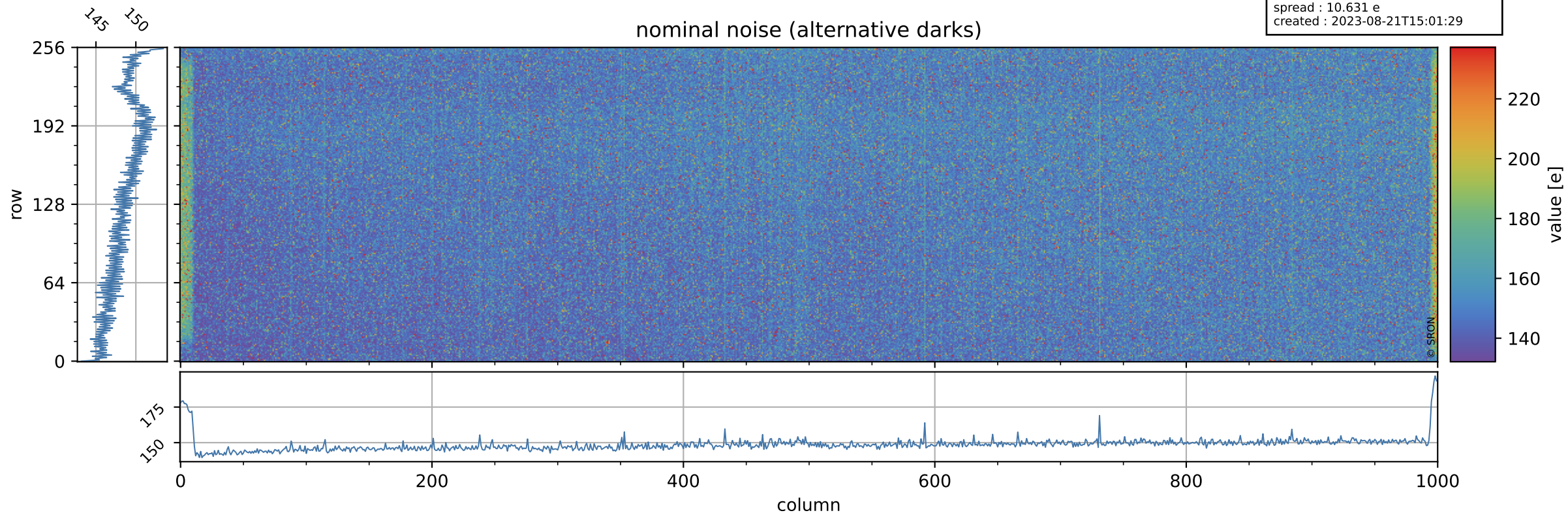


Tropomi SWIR background noise (swir)

orbits : 12 in [9022, 9097]
coverage : 2019-07-10 / 2019-07-16
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.631 e
created : 2023-08-21T15:01:29

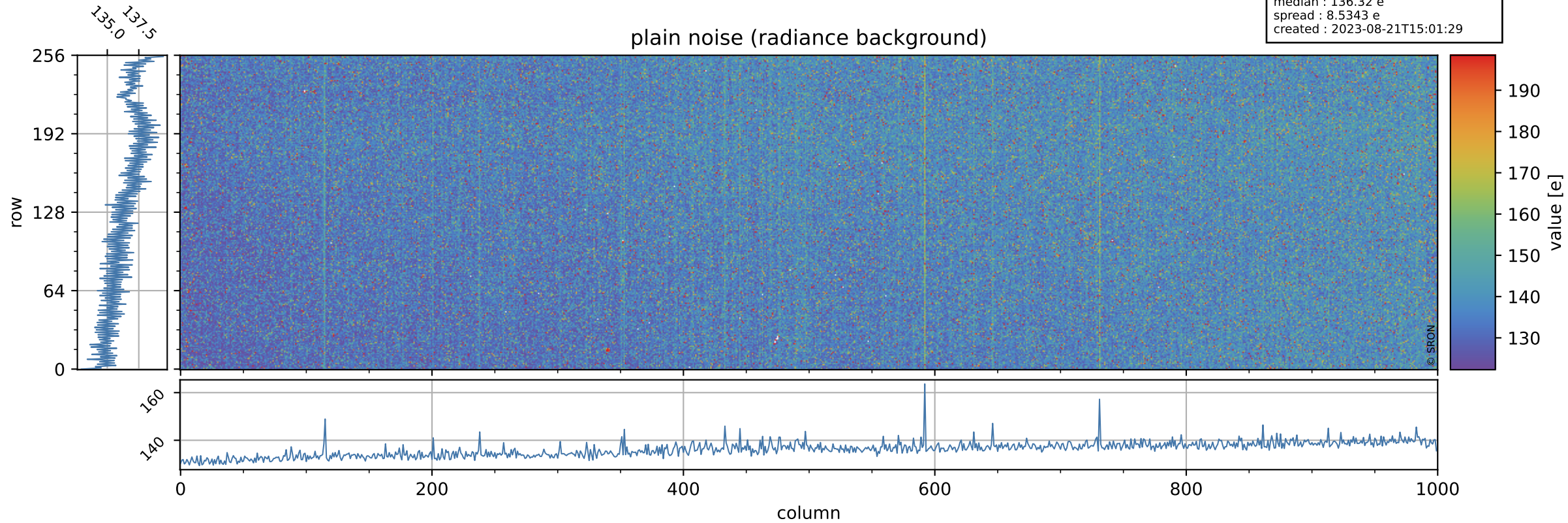
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9022, 9097]
coverage : 2019-07-10 / 2019-07-16
n_coad, t_exp : 2, 0.5383
median : 136.32 e
spread : 8.5343 e
created : 2023-08-21T15:01:29

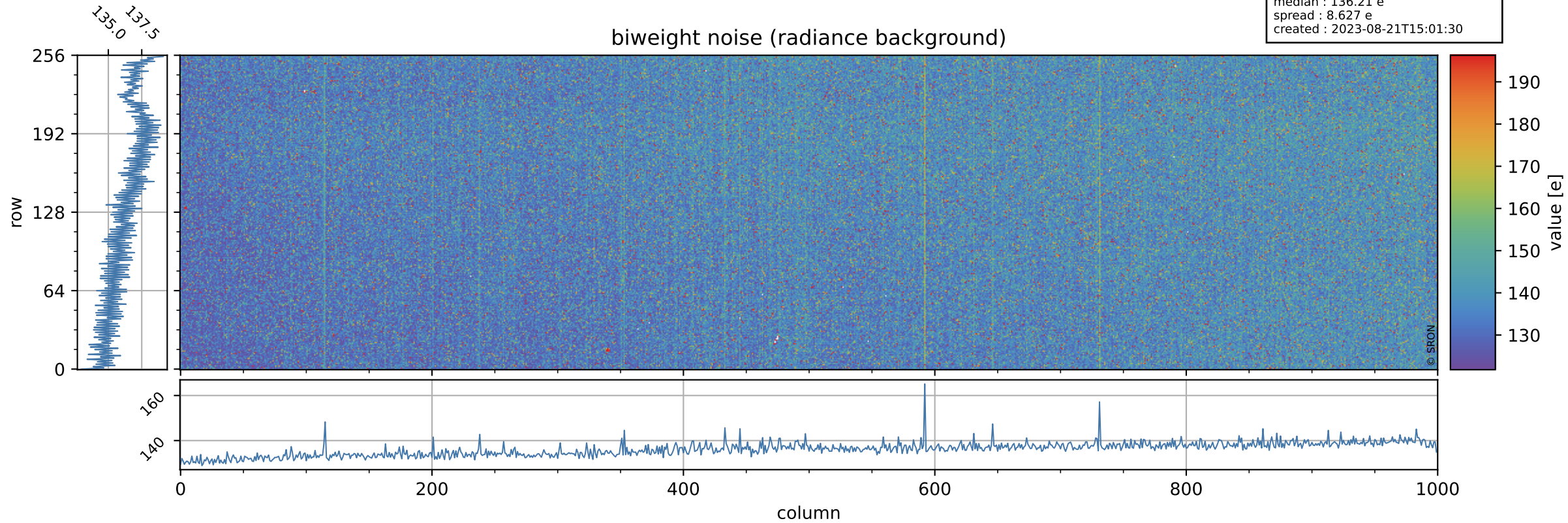
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9022, 9097]
coverage : 2019-07-10 / 2019-07-16
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.627 e
created : 2023-08-21T15:01:30

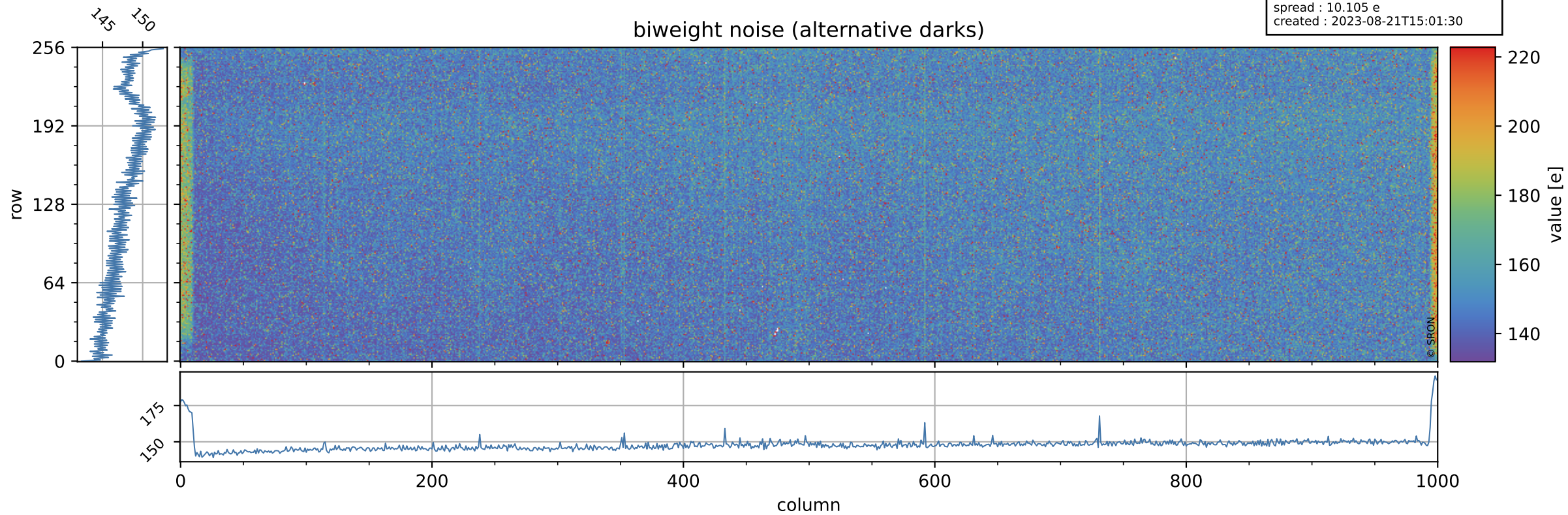
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9022, 9097]
coverage : 2019-07-10 / 2019-07-16
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.105 e
created : 2023-08-21T15:01:30

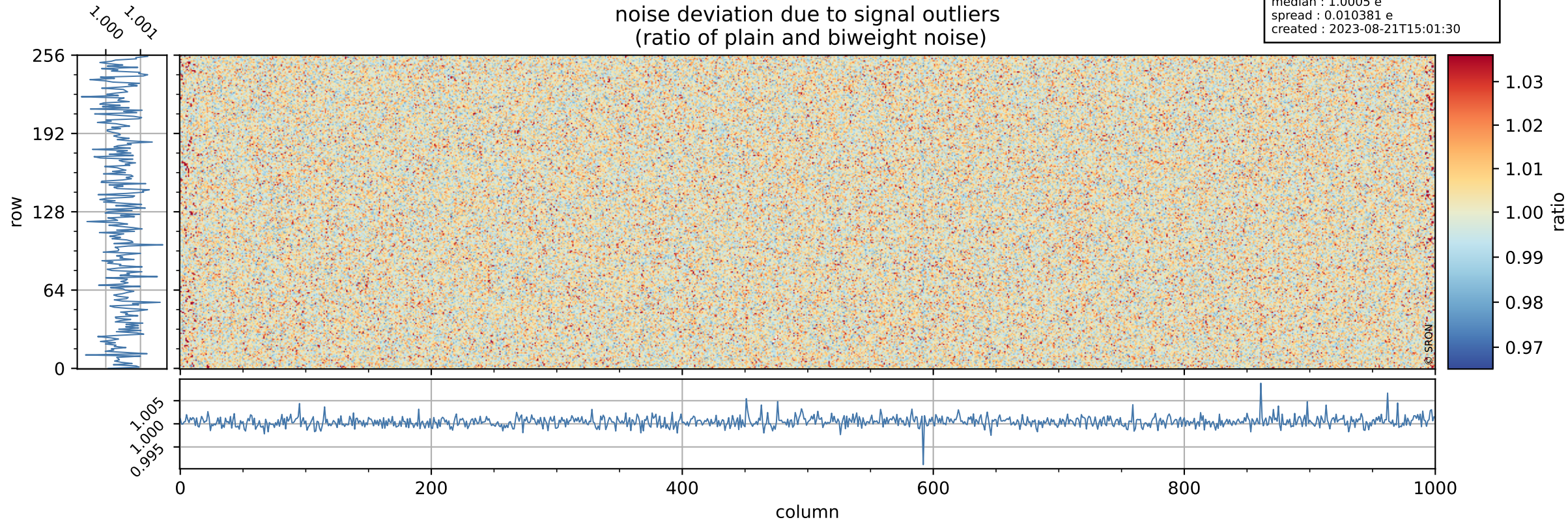
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

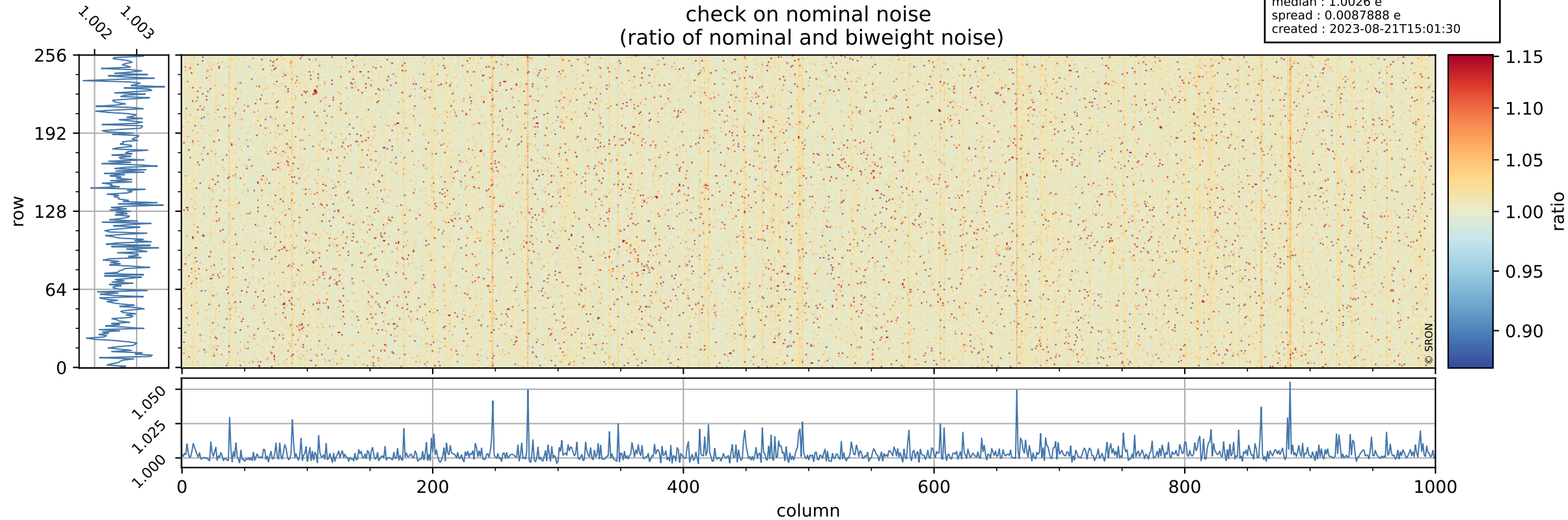
orbits : 12 in [9022, 9097]
coverage : 2019-07-10 / 2019-07-16
median : 1.0005 e
spread : 0.010381 e
created : 2023-08-21T15:01:30



Tropomi SWIR background noise (swir)

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

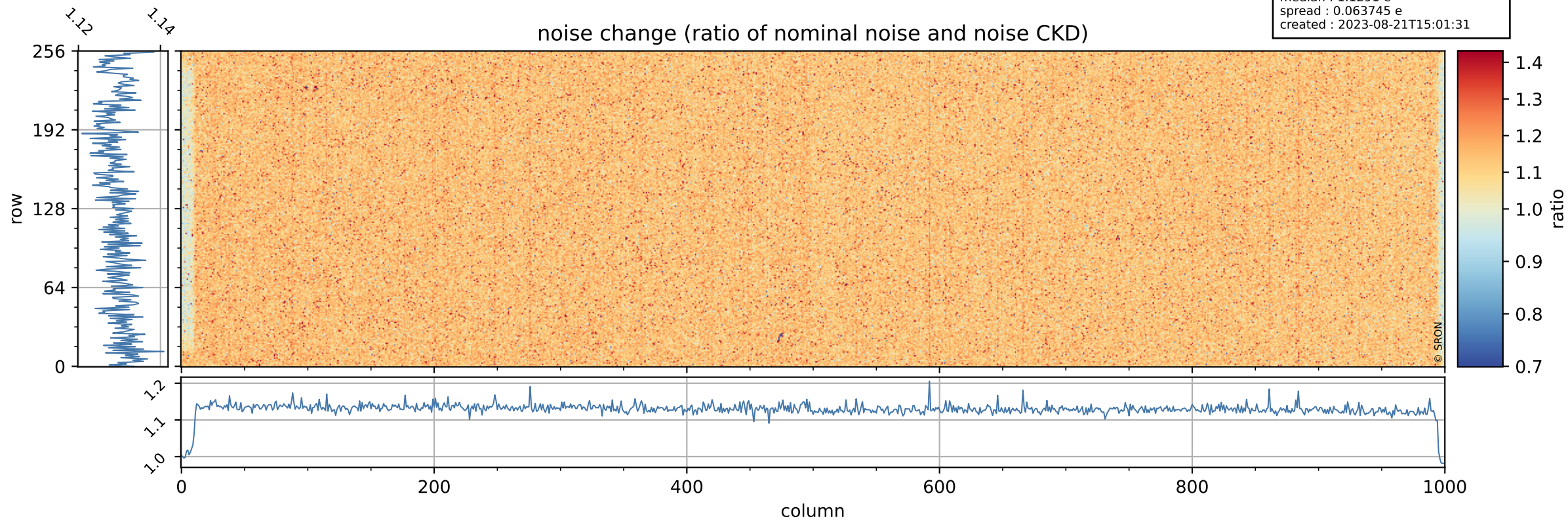
orbits : 12 in [9022, 9097]
coverage : 2019-07-10 / 2019-07-16
median : 1.0026 e
spread : 0.0087888 e
created : 2023-08-21T15:01:30



Tropomi SWIR background noise (swir)

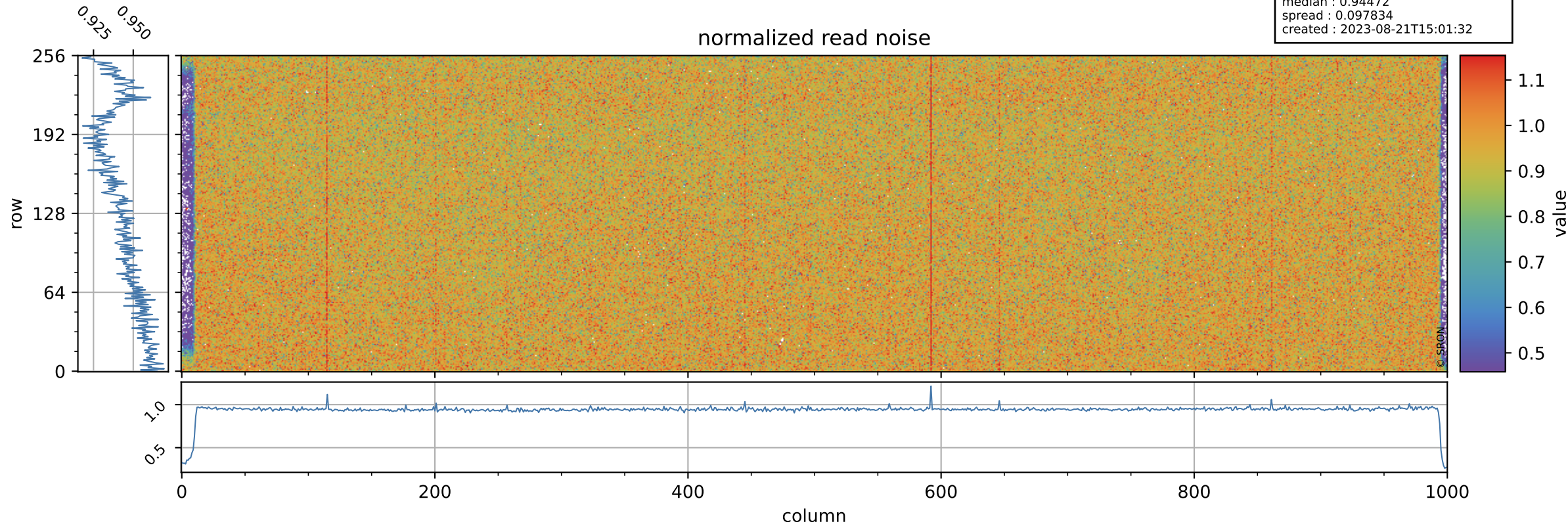
orbits : 12 in [9022, 9097]
coverage : 2019-07-10 / 2019-07-16
median : 1.1291 e
spread : 0.063745 e
created : 2023-08-21T15:01:31

noise change (ratio of nominal noise and noise CKD)



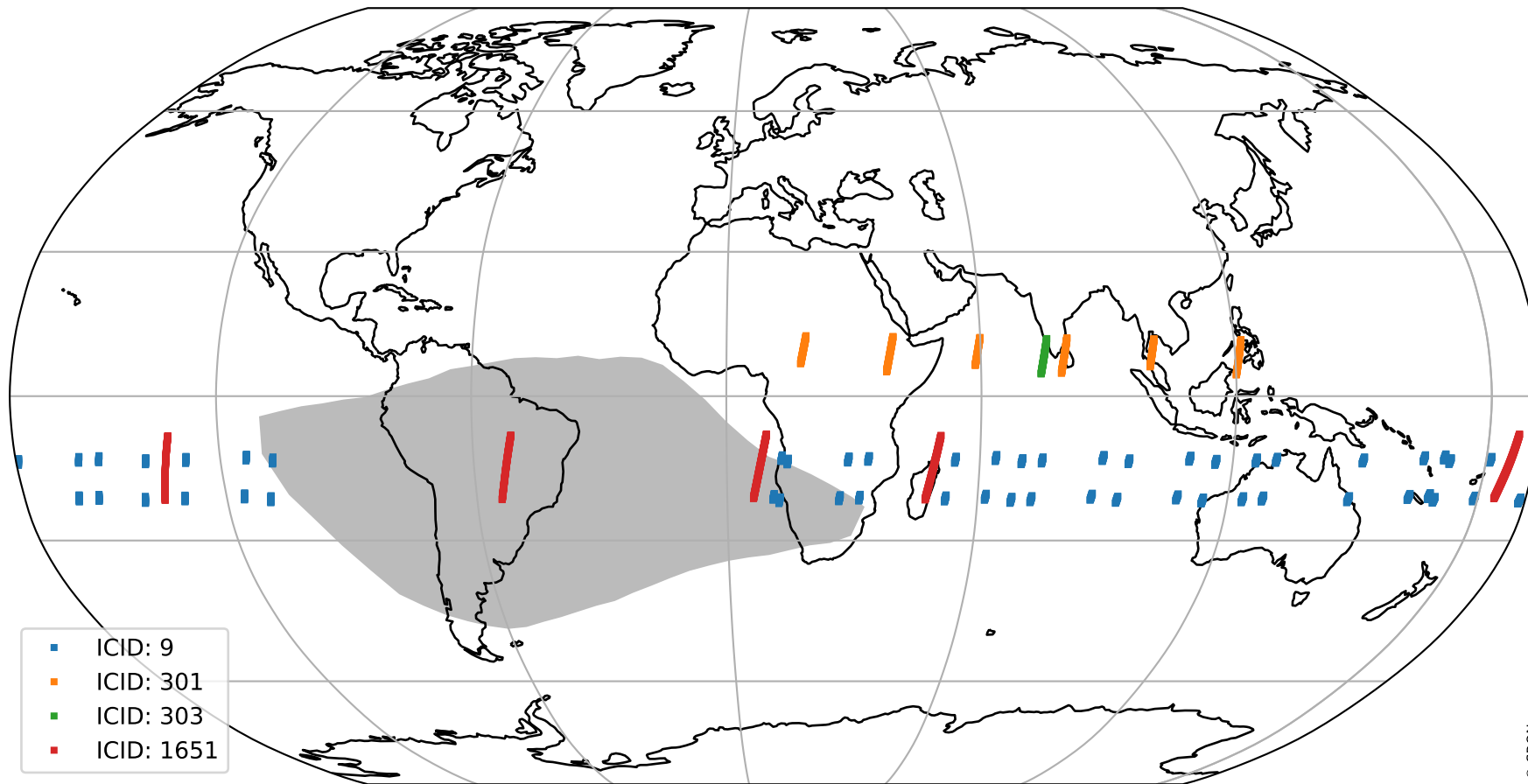
Tropomi SWIR background noise (swir)

orbits : 12 in [9022, 9097]
coverage : 2019-07-10 / 2019-07-16
median : 0.94472
spread : 0.097834
created : 2023-08-21T15:01:32



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

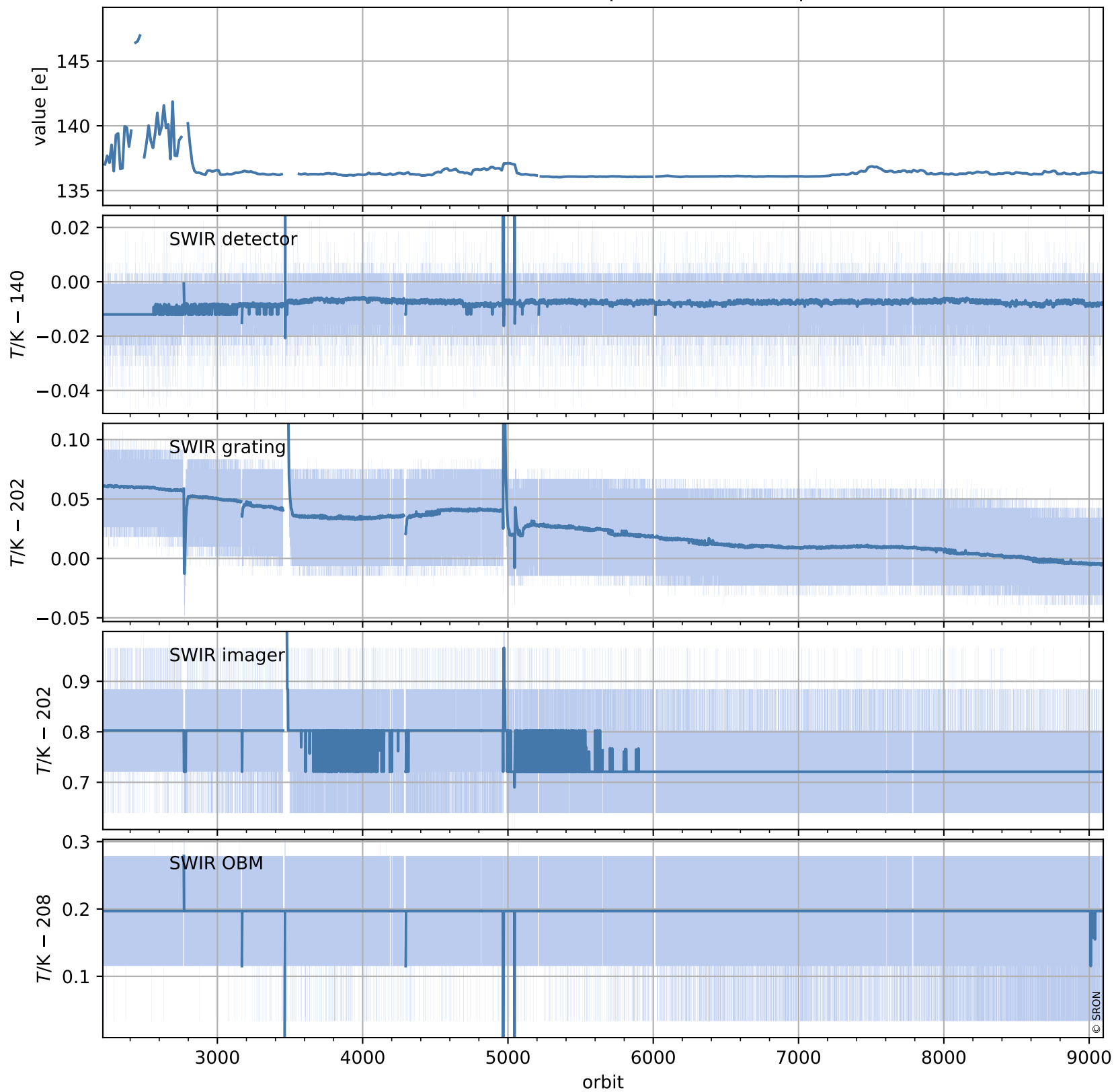
orbits : 12 in [9022, 9097]
coverage : 2019-07-10 / 2019-07-16
created : 2023-08-21T15:01:32



Tropomi SWIR background noise (swir)

orbits : [2212, 9097]
coverage : 2018-03-18 / 2019-07-16
created : 2023-08-21T15:01:33

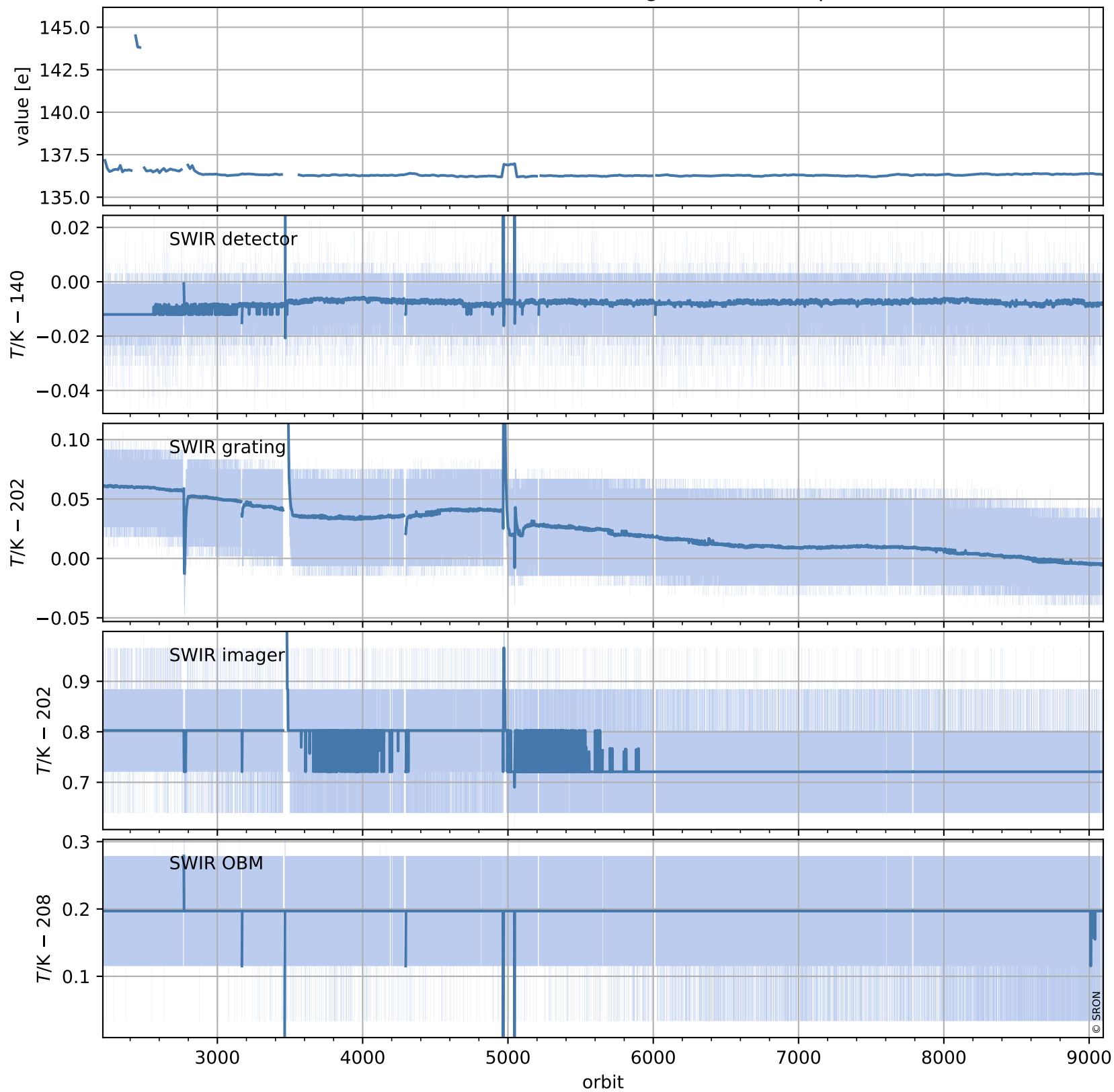
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9097]
coverage : 2018-03-18 / 2019-07-16
created : 2023-08-21T15:01:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9097]
coverage : 2018-03-18 / 2019-07-16
created : 2023-08-21T15:01:34

trend of normalized read-noise & temperatures

