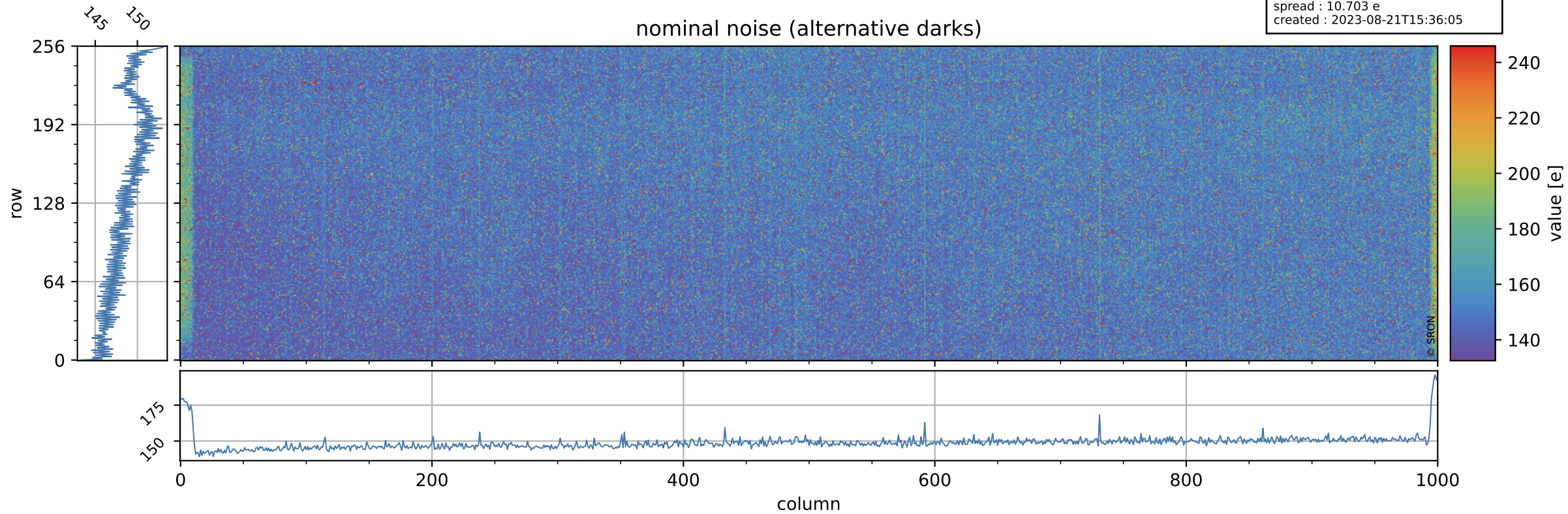


Tropomi SWIR background noise (swir)

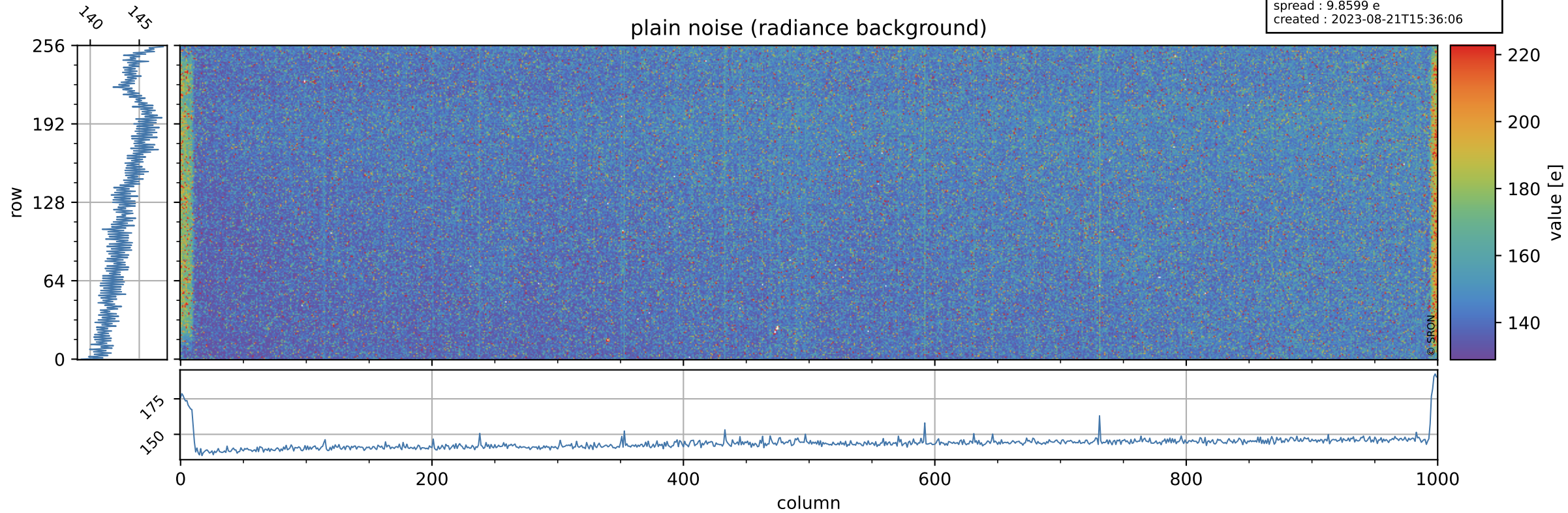
orbits : 13 in [14272, 14362]
coverage : 2020-07-15 / 2020-07-21
n_coad, t_exp : 1, 1.0783
median : 148.59 e
spread : 10.703 e
created : 2023-08-21T15:36:05



Tropomi SWIR background noise (swir)

orbits : 13 in [14272, 14362]
coverage : 2020-07-15 / 2020-07-21
n_coad, t_exp : 1, 0.8383
median : 143.57 e
spread : 9.8599 e
created : 2023-08-21T15:36:06

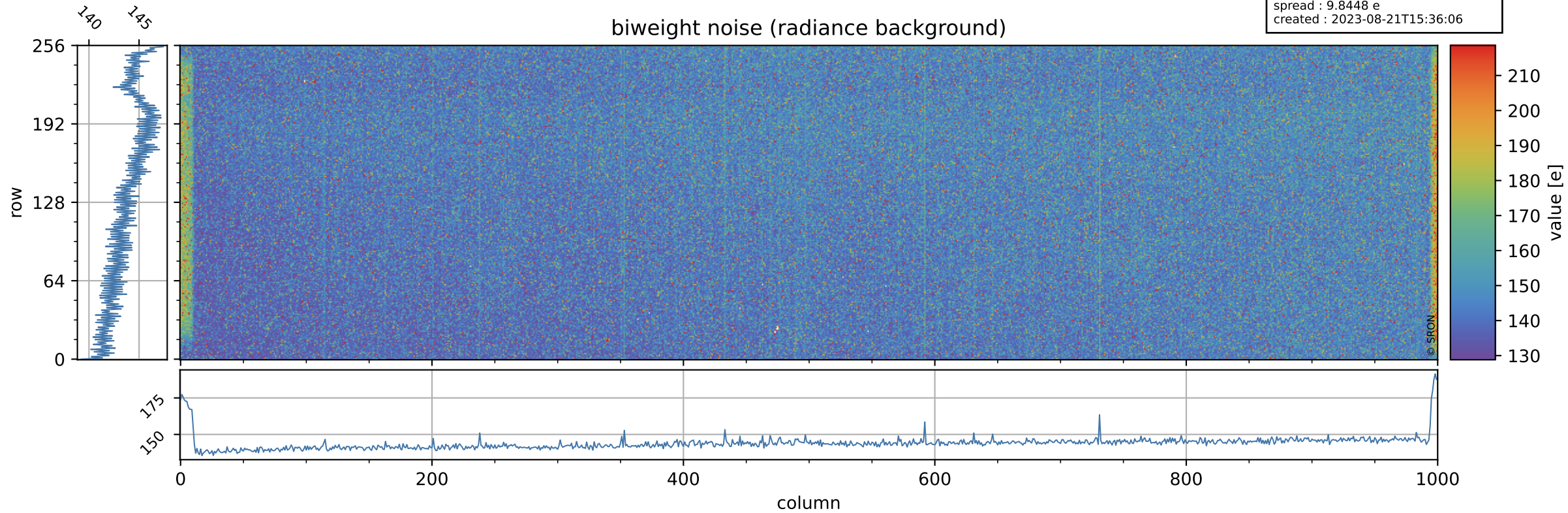
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [14272, 14362]
coverage : 2020-07-15 / 2020-07-21
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.8448 e
created : 2023-08-21T15:36:06

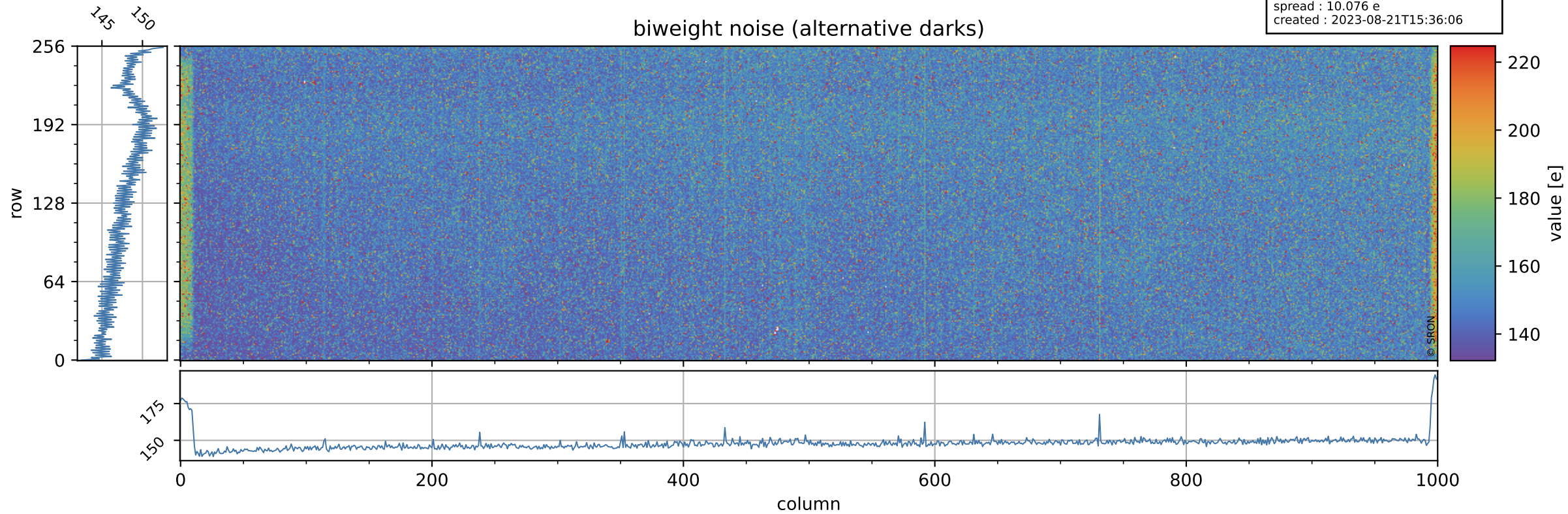
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [14272, 14362]
coverage : 2020-07-15 / 2020-07-21
n_coad, t_exp : 1, 1.0783
median : 147.66 e
spread : 10.076 e
created : 2023-08-21T15:36:06

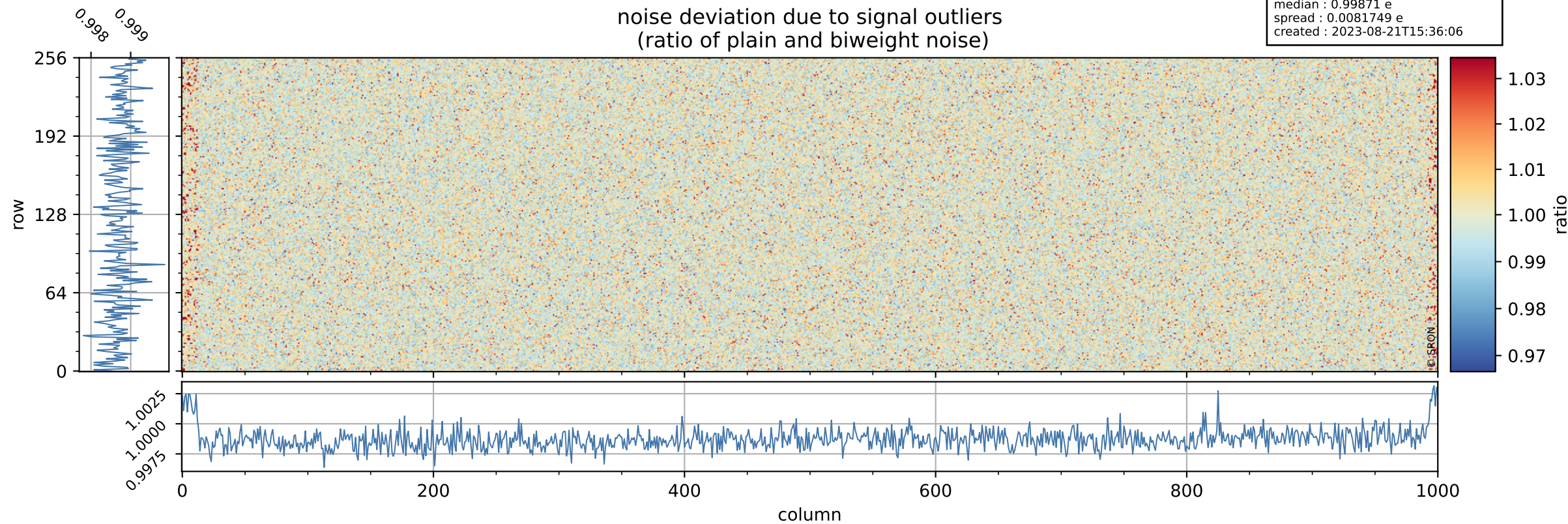
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

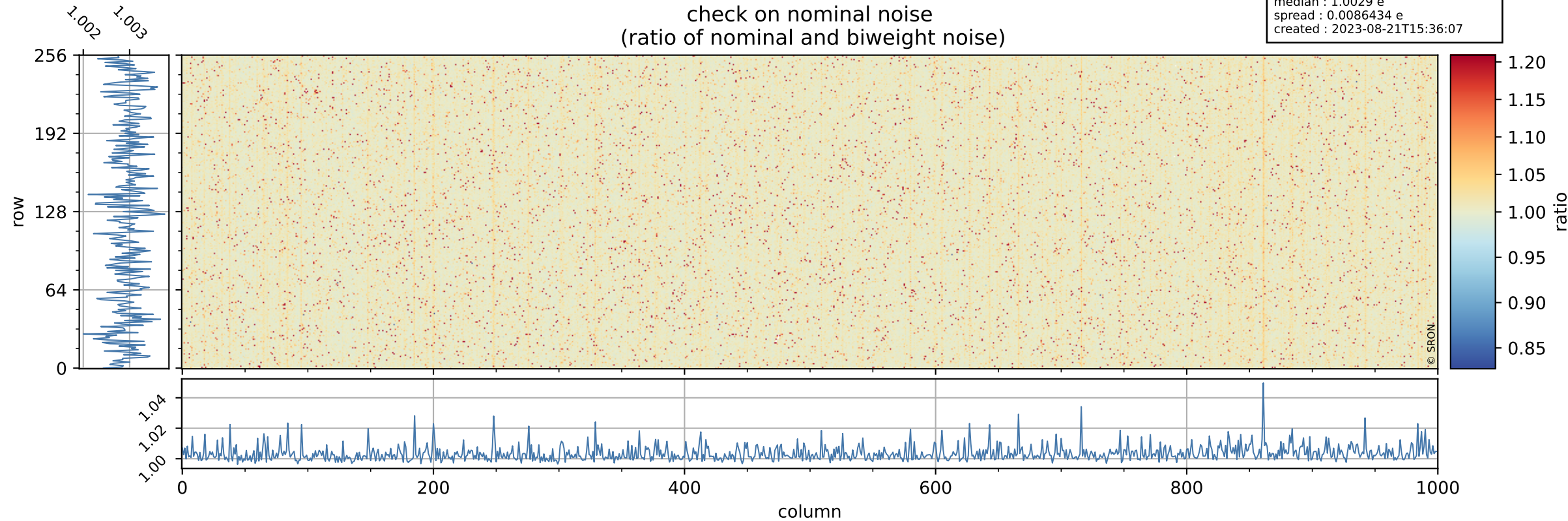
orbits : 13 in [14272, 14362]
coverage : 2020-07-15 / 2020-07-21
median : 0.99871 e
spread : 0.0081749 e
created : 2023-08-21T15:36:06



Tropomi SWIR background noise (swir)

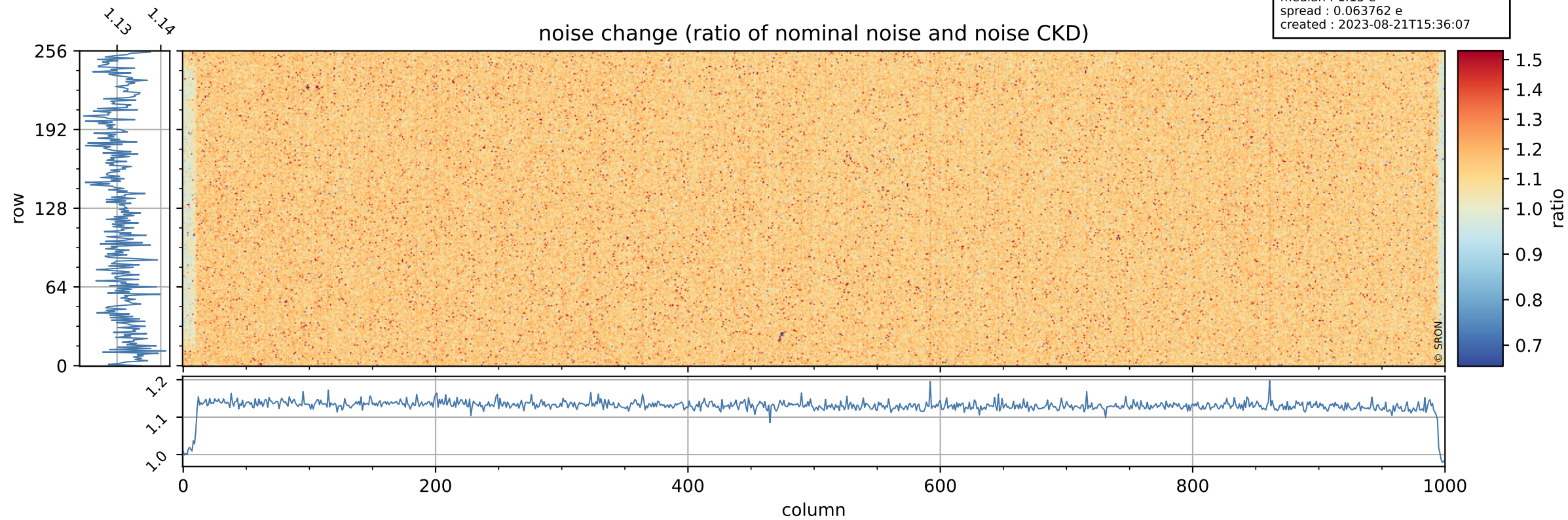
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [14272, 14362]
coverage : 2020-07-15 / 2020-07-21
median : 1.0029 e
spread : 0.0086434 e
created : 2023-08-21T15:36:07



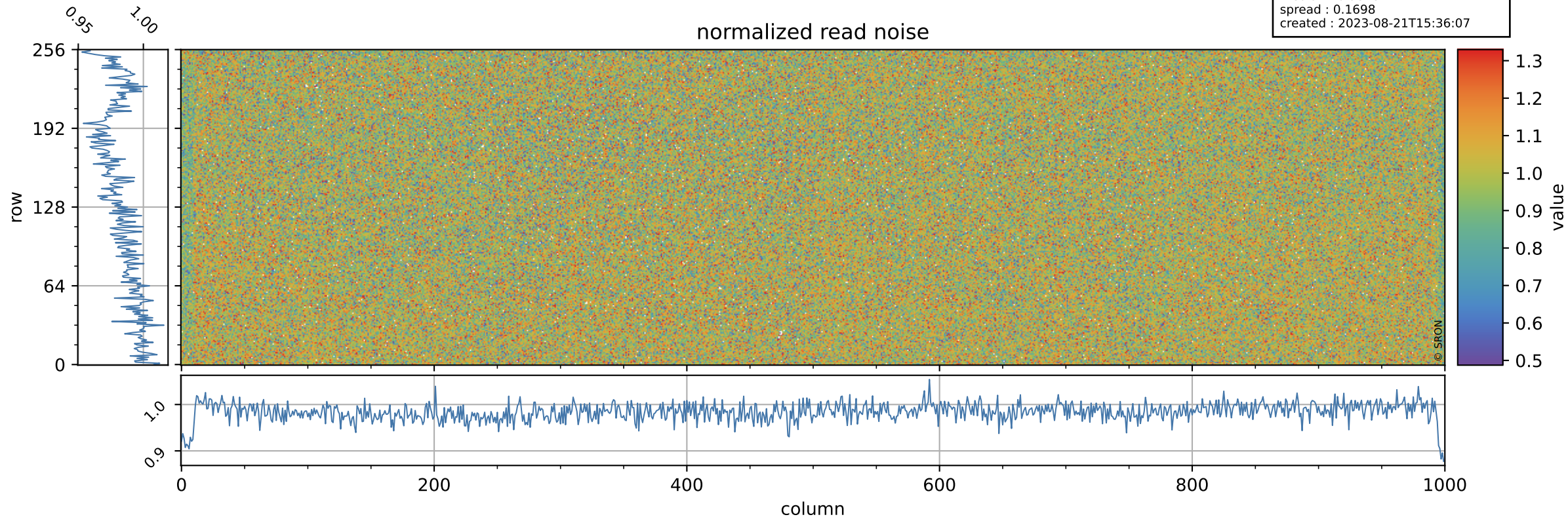
Tropomi SWIR background noise (swir)

orbits : 13 in [14272, 14362]
coverage : 2020-07-15 / 2020-07-21
median : 1.13 e
spread : 0.063762 e
created : 2023-08-21T15:36:07



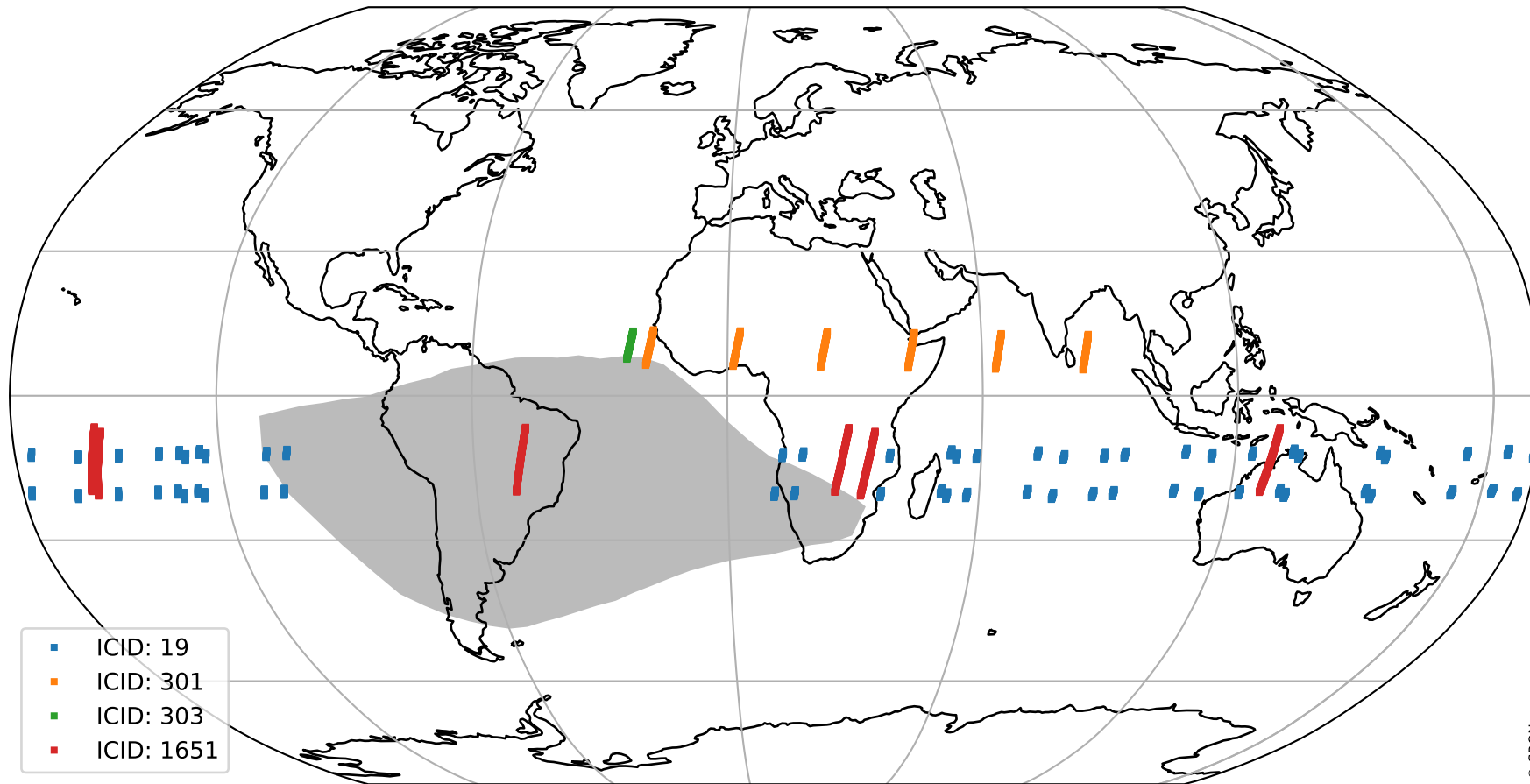
Tropomi SWIR background noise (swir)

orbits : 13 in [14272, 14362]
coverage : 2020-07-15 / 2020-07-21
median : 0.9828
spread : 0.1698
created : 2023-08-21T15:36:07



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

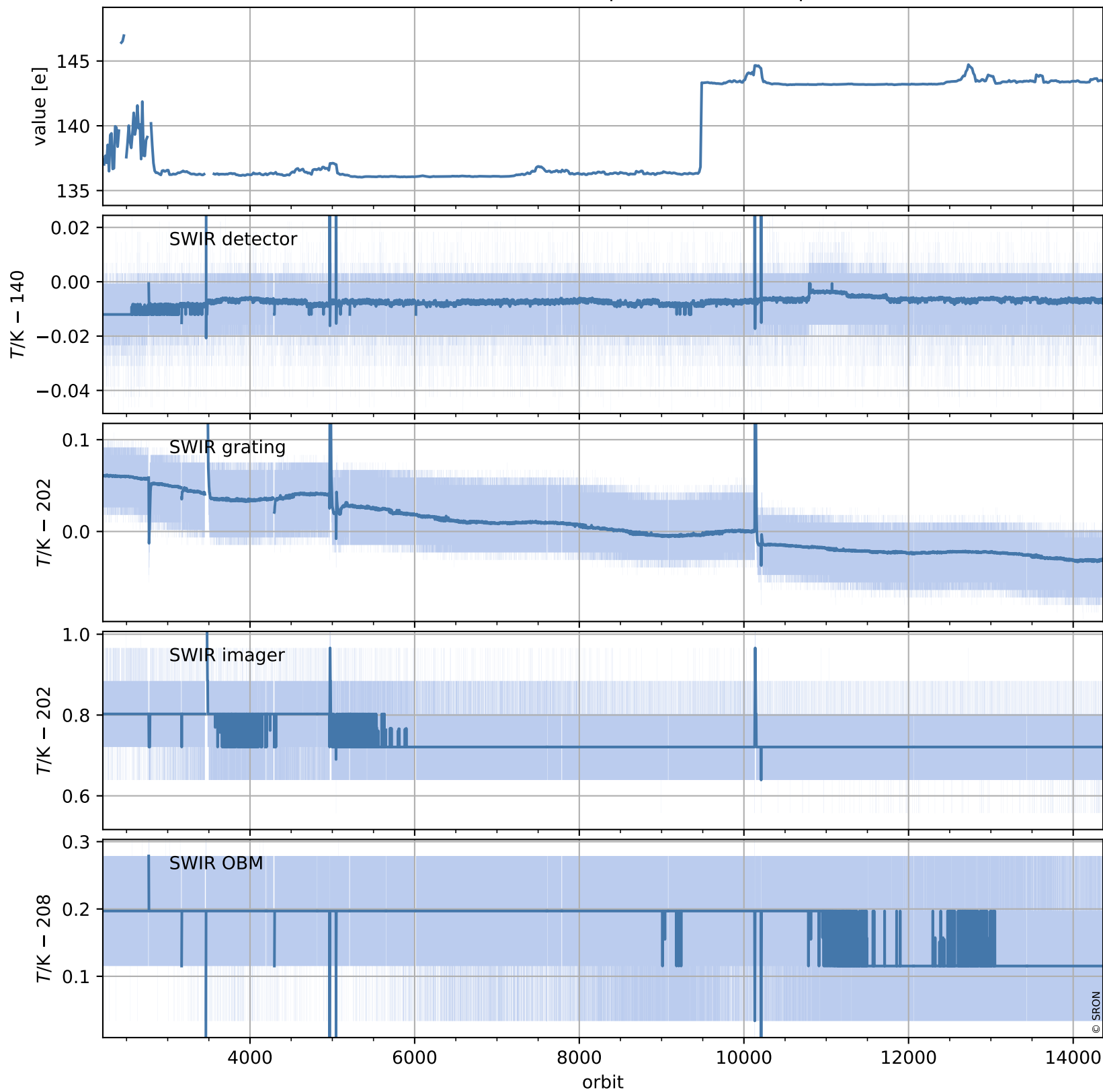
orbits : 13 in [14272, 14362]
coverage : 2020-07-15 / 2020-07-21
created : 2023-08-21T15:36:07



Tropomi SWIR background noise (swir)

orbits : [2212, 14362]
coverage : 2018-03-18 / 2020-07-21
created : 2023-08-21T15:36:08

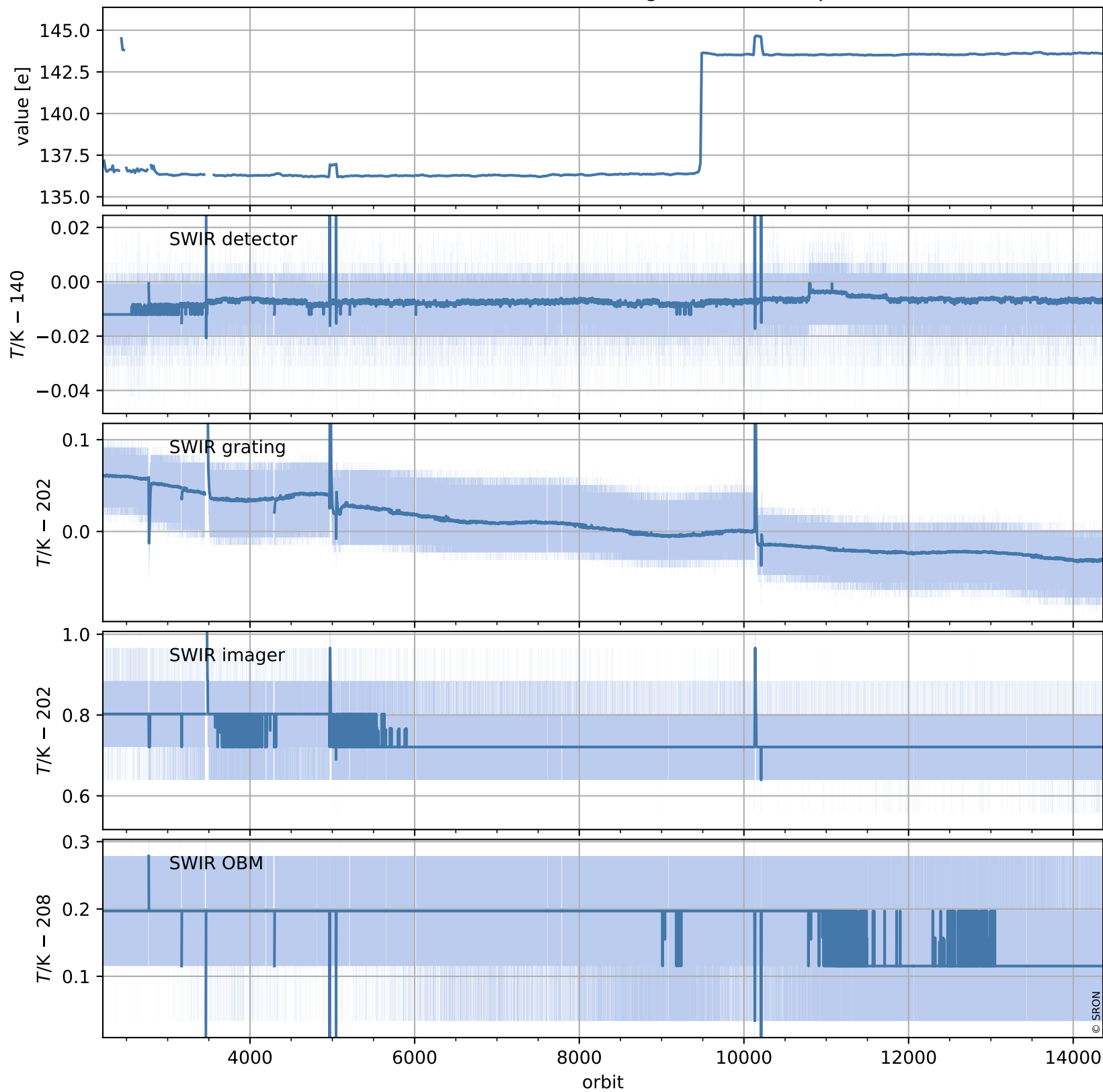
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14362]
coverage : 2018-03-18 / 2020-07-21
created : 2023-08-21T15:36:08

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14362]
coverage : 2018-03-18 / 2020-07-21
created : 2023-08-21T15:36:09

trend of normalized read-noise & temperatures

