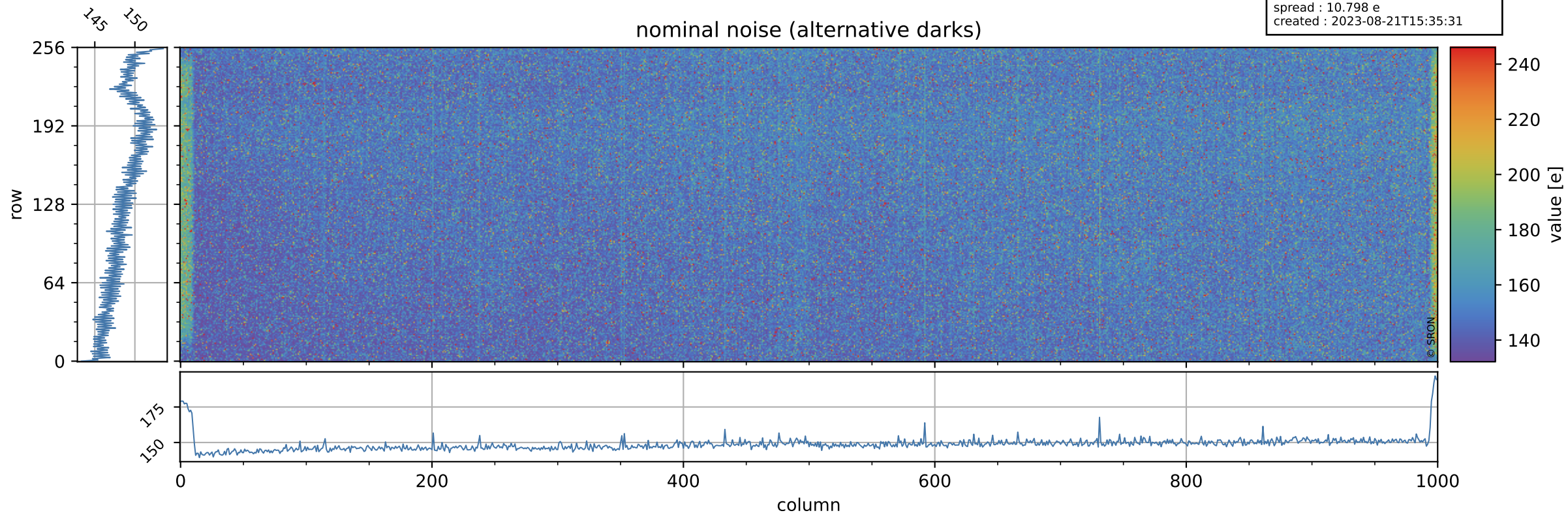


Tropomi SWIR background noise (swir)

orbits : 12 in [14167, 14257]
coverage : 2020-07-08 / 2020-07-14
n_coad, t_exp : 1, 1.0783
median : 148.55 e
spread : 10.798 e
created : 2023-08-21T15:35:31

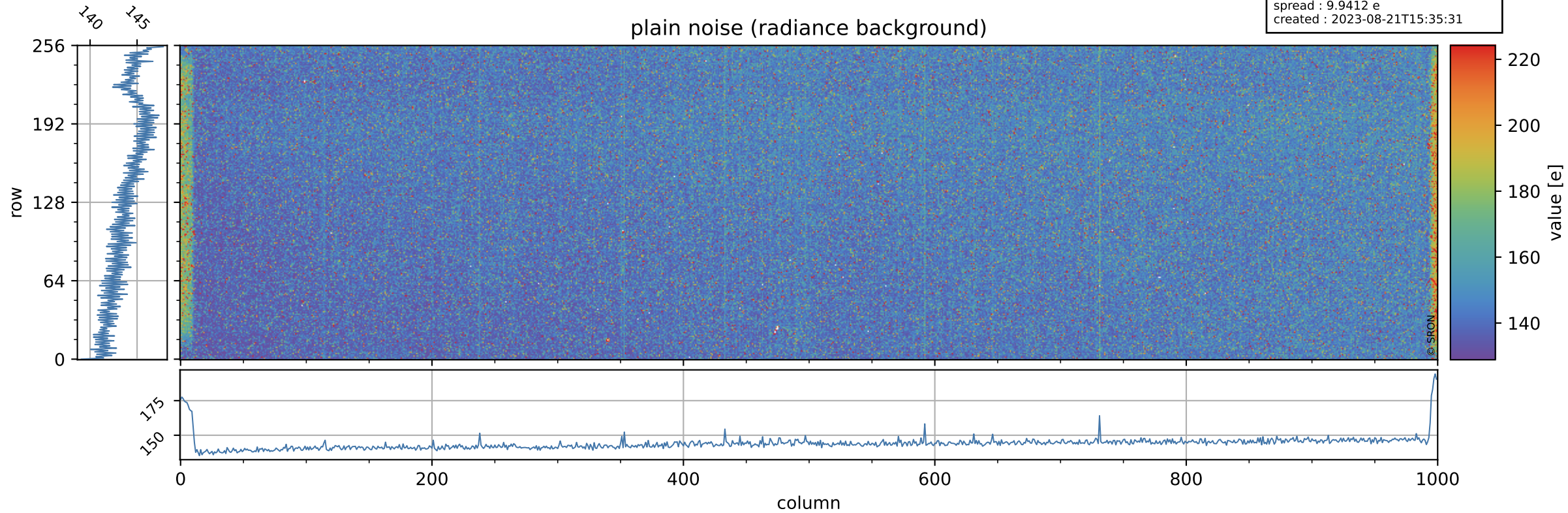
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14167, 14257]
coverage : 2020-07-08 / 2020-07-14
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.9412 e
created : 2023-08-21T15:35:31

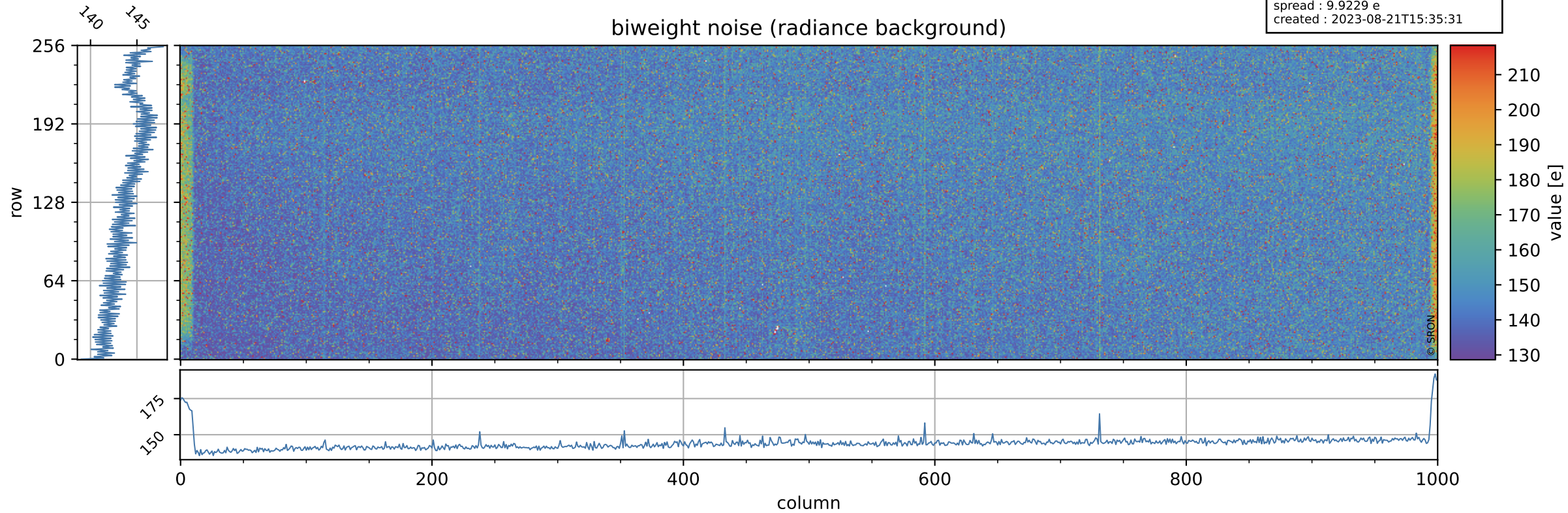
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14167, 14257]
coverage : 2020-07-08 / 2020-07-14
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.9229 e
created : 2023-08-21T15:35:31

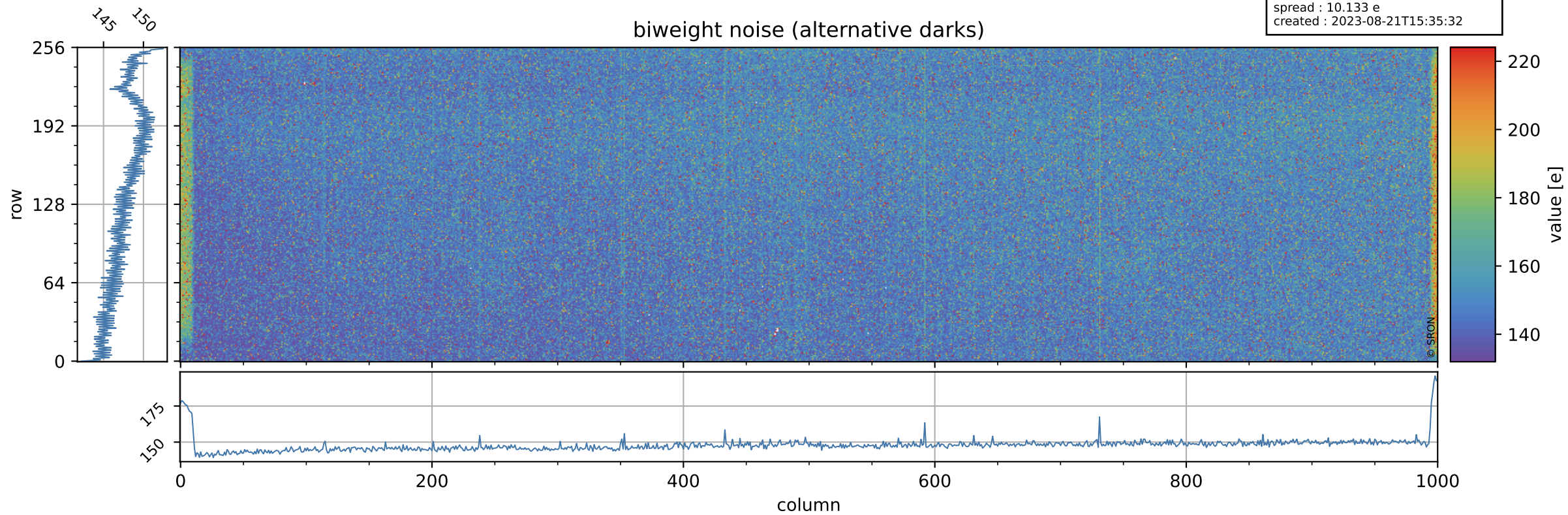
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14167, 14257]
coverage : 2020-07-08 / 2020-07-14
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.133 e
created : 2023-08-21T15:35:32

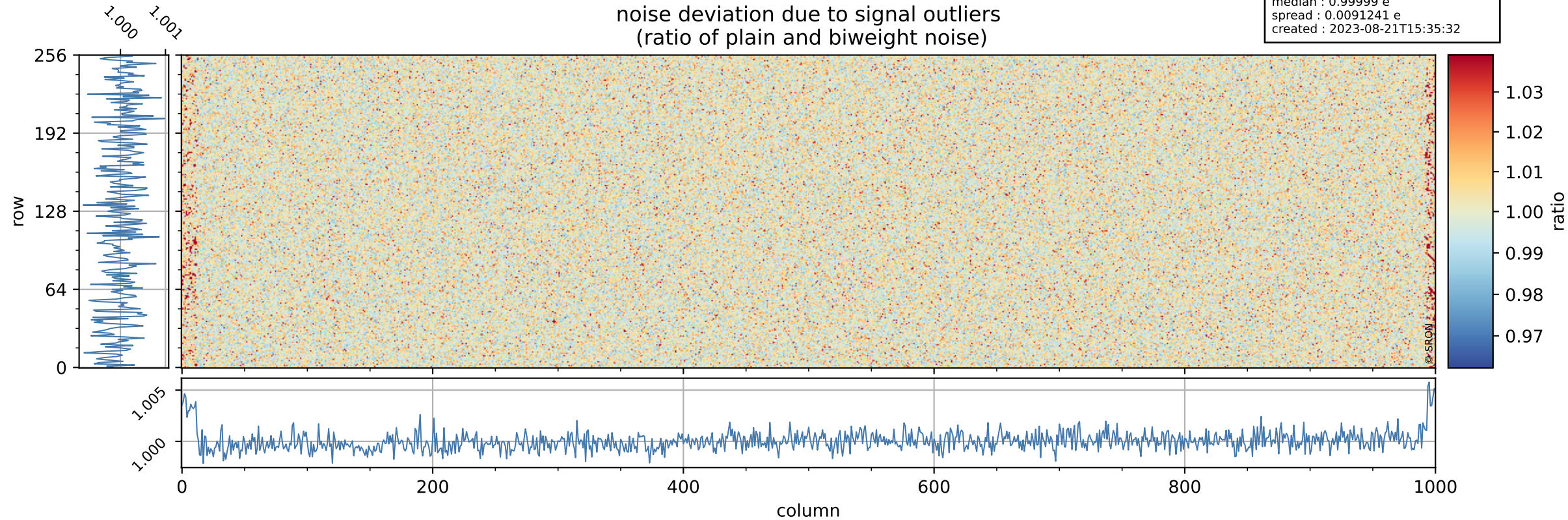
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

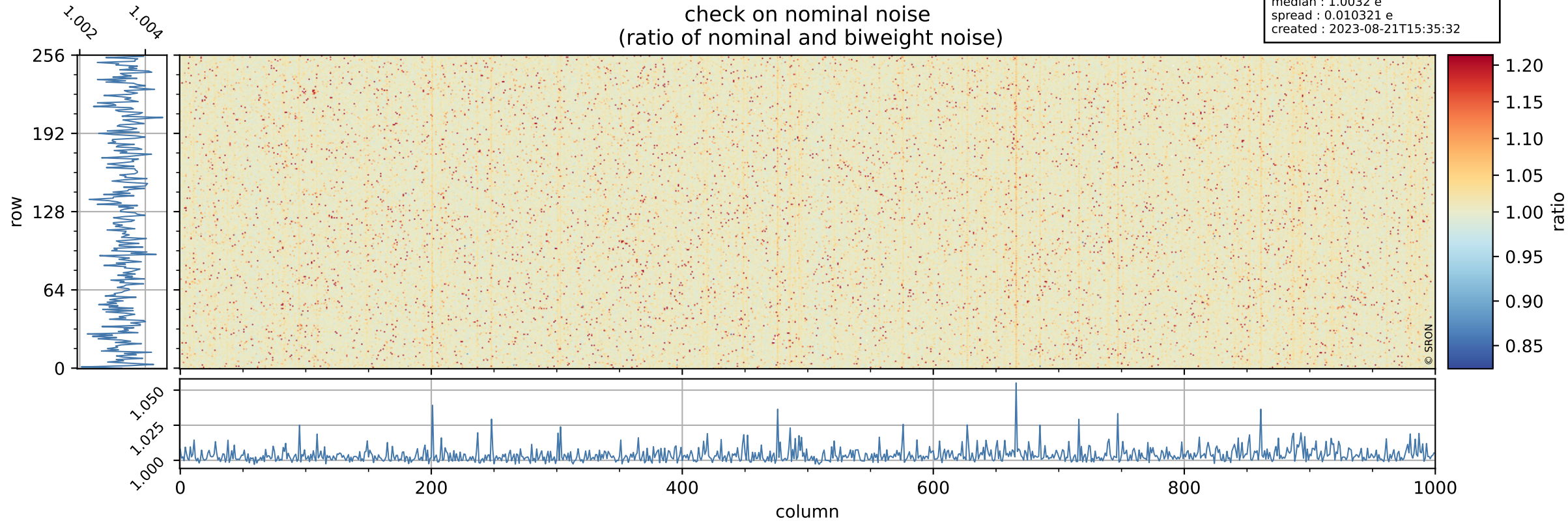
orbits : 12 in [14167, 14257]
coverage : 2020-07-08 / 2020-07-14
median : 0.99999 e
spread : 0.0091241 e
created : 2023-08-21T15:35:32



Tropomi SWIR background noise (swir)

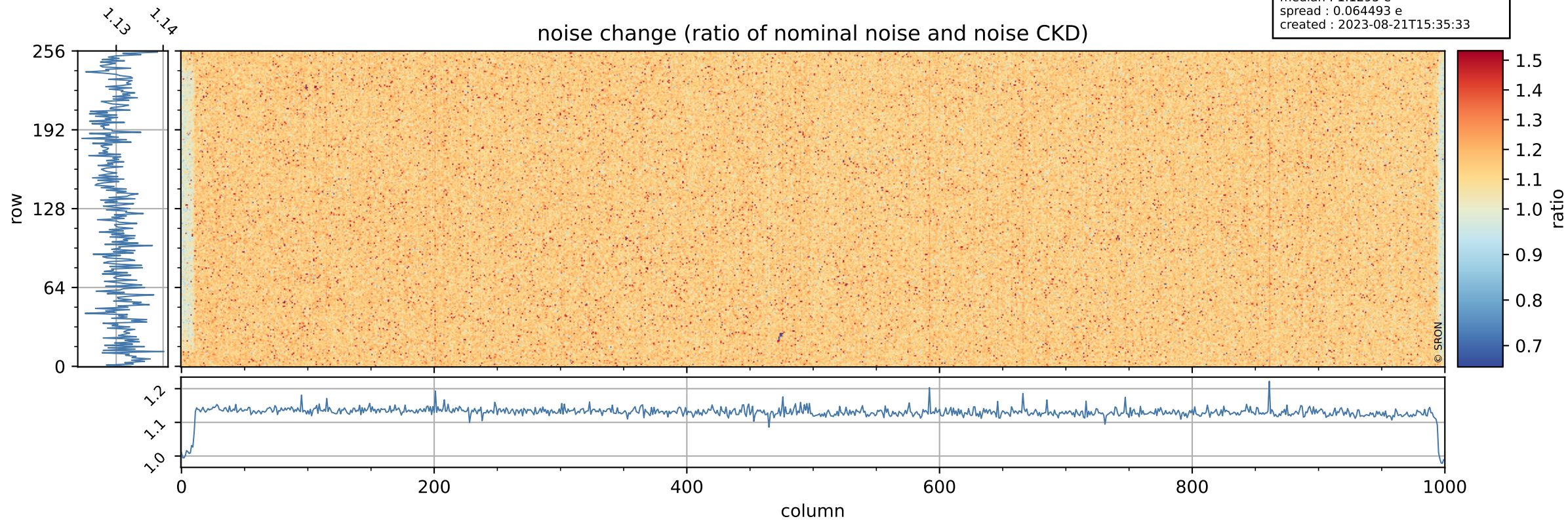
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14167, 14257]
coverage : 2020-07-08 / 2020-07-14
median : 1.0032 e
spread : 0.010321 e
created : 2023-08-21T15:35:32



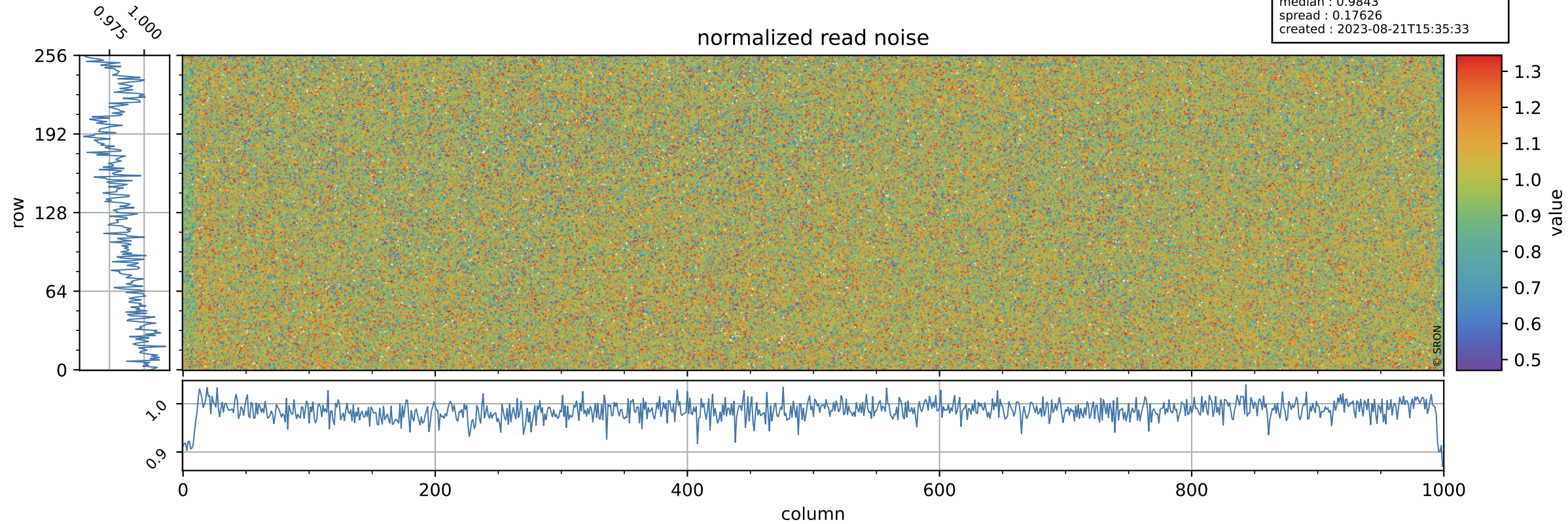
Tropomi SWIR background noise (swir)

orbits : 12 in [14167, 14257]
coverage : 2020-07-08 / 2020-07-14
median : 1.1295 e
spread : 0.064493 e
created : 2023-08-21T15:35:33



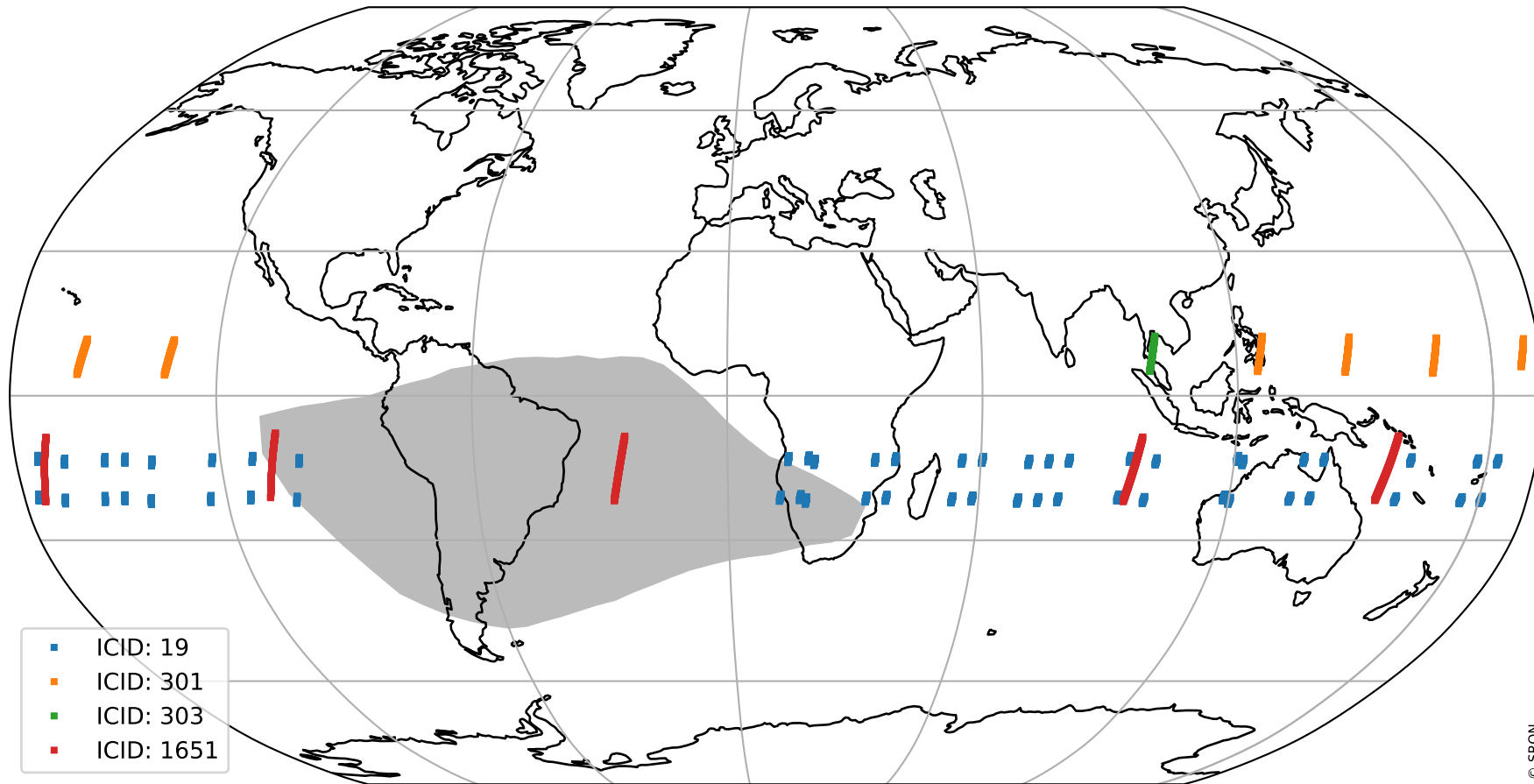
Tropomi SWIR background noise (swir)

orbits : 12 in [14167, 14257]
coverage : 2020-07-08 / 2020-07-14
median : 0.9843
spread : 0.17626
created : 2023-08-21T15:35:33



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

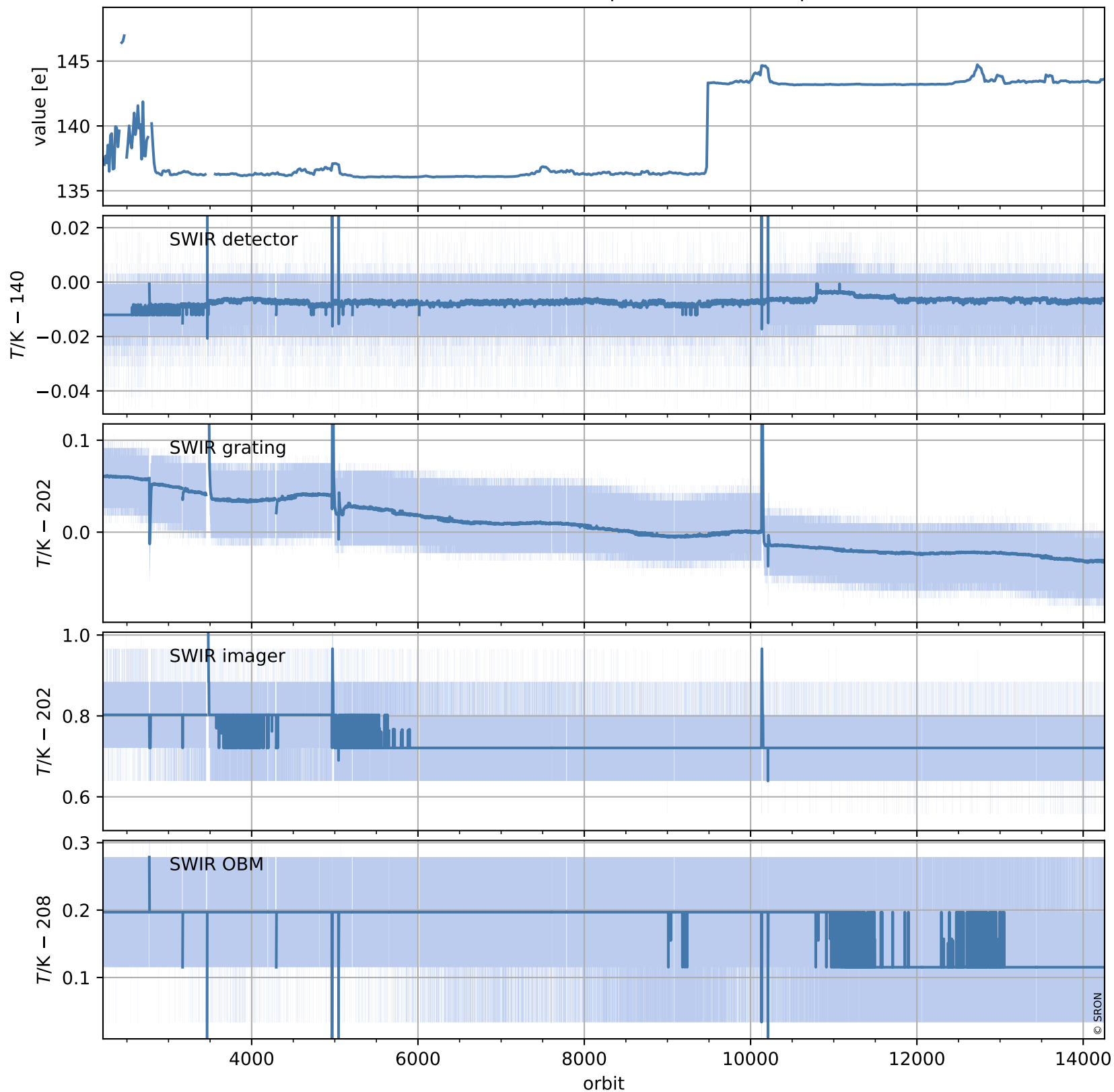
orbits : 12 in [14167, 14257]
coverage : 2020-07-08 / 2020-07-14
created : 2023-08-21T15:35:33



Tropomi SWIR background noise (swir)

orbits : [2212, 14257]
coverage : 2018-03-18 / 2020-07-14
created : 2023-08-21T15:35:33

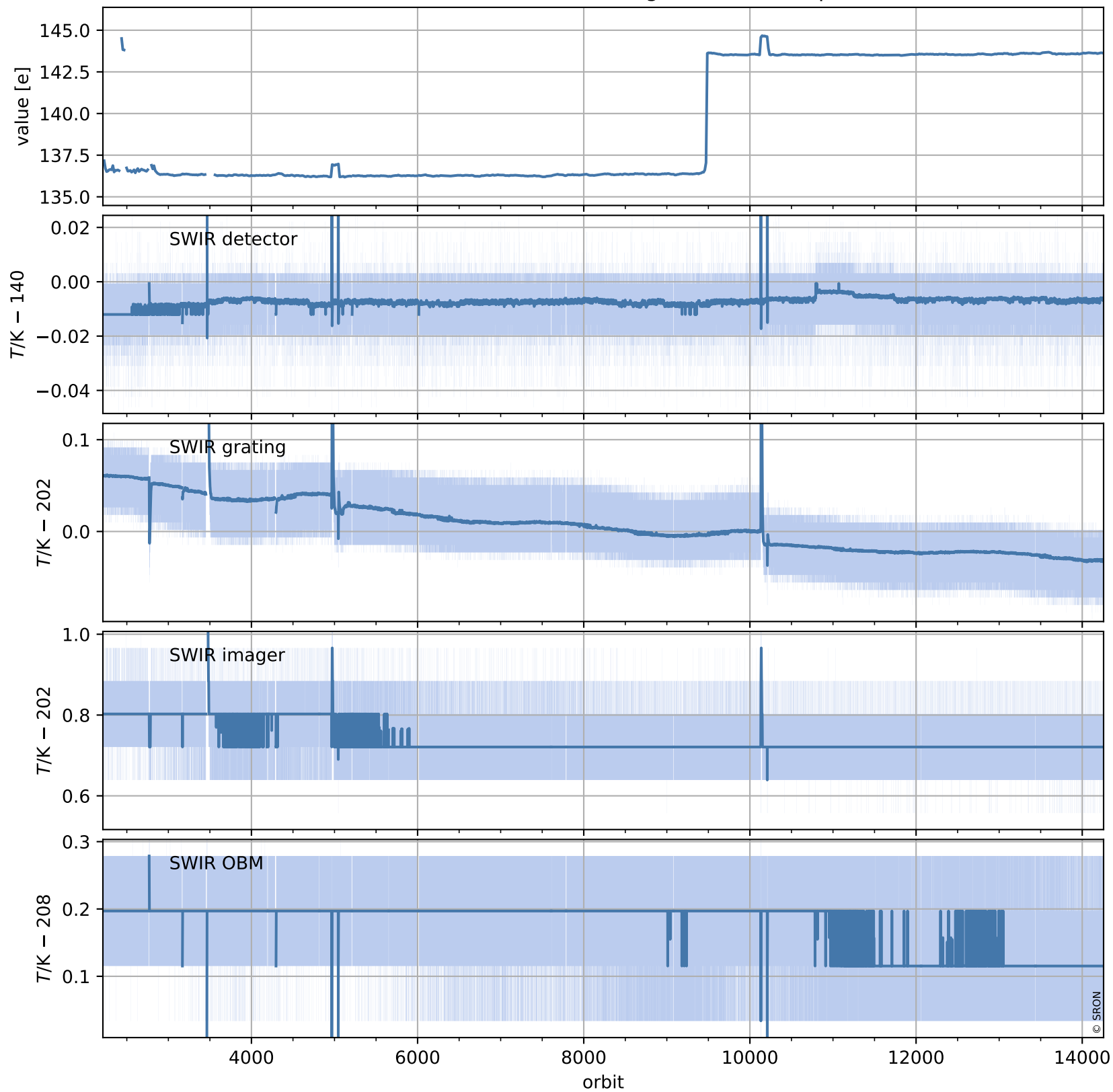
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14257]
coverage : 2018-03-18 / 2020-07-14
created : 2023-08-21T15:35:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14257]
coverage : 2018-03-18 / 2020-07-14
created : 2023-08-21T15:35:35

trend of normalized read-noise & temperatures

