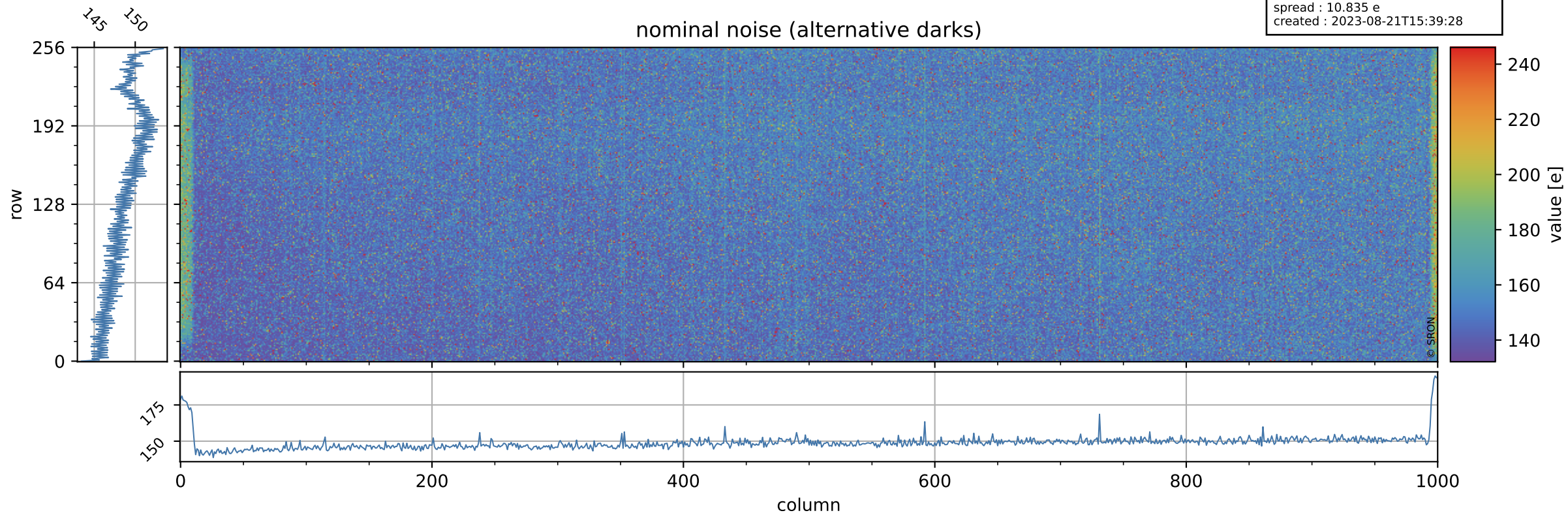


Tropomi SWIR background noise (swir)

orbits : 12 in [14887, 14977]
coverage : 2020-08-28 / 2020-09-03
n_coad, t_exp : 1, 1.0783
median : 148.57 e
spread : 10.835 e
created : 2023-08-21T15:39:28

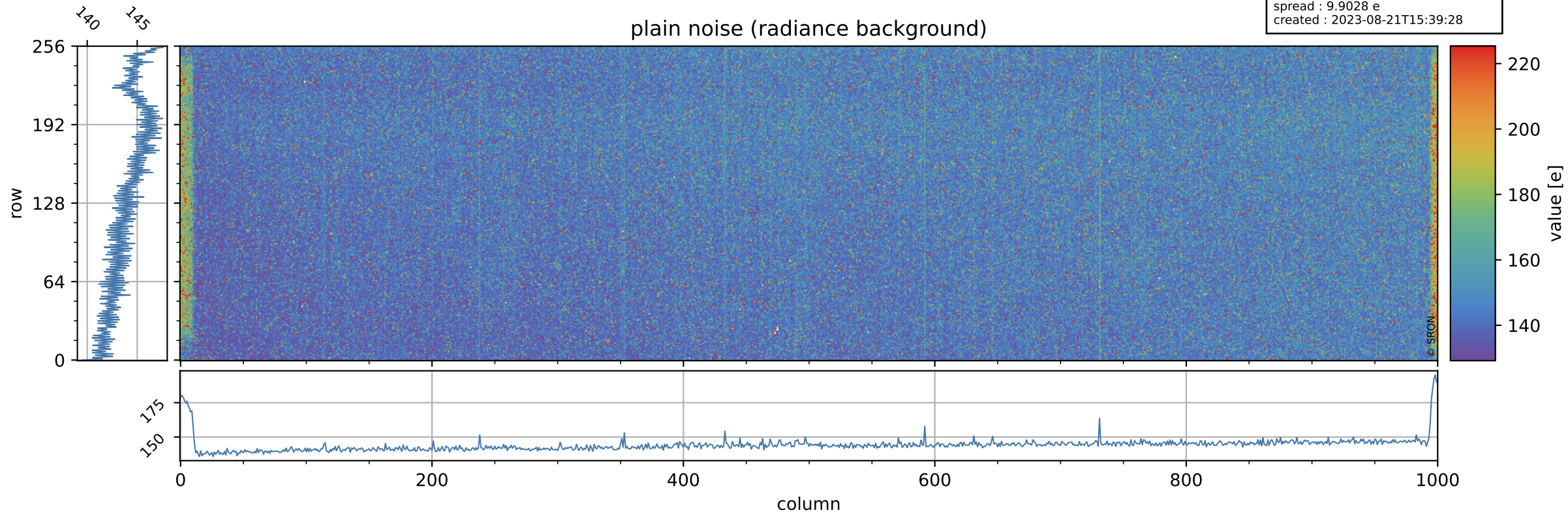
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14887, 14977]
coverage : 2020-08-28 / 2020-09-03
n_coad, t_exp : 1, 0.8383
median : 143.92 e
spread : 9.9028 e
created : 2023-08-21T15:39:28

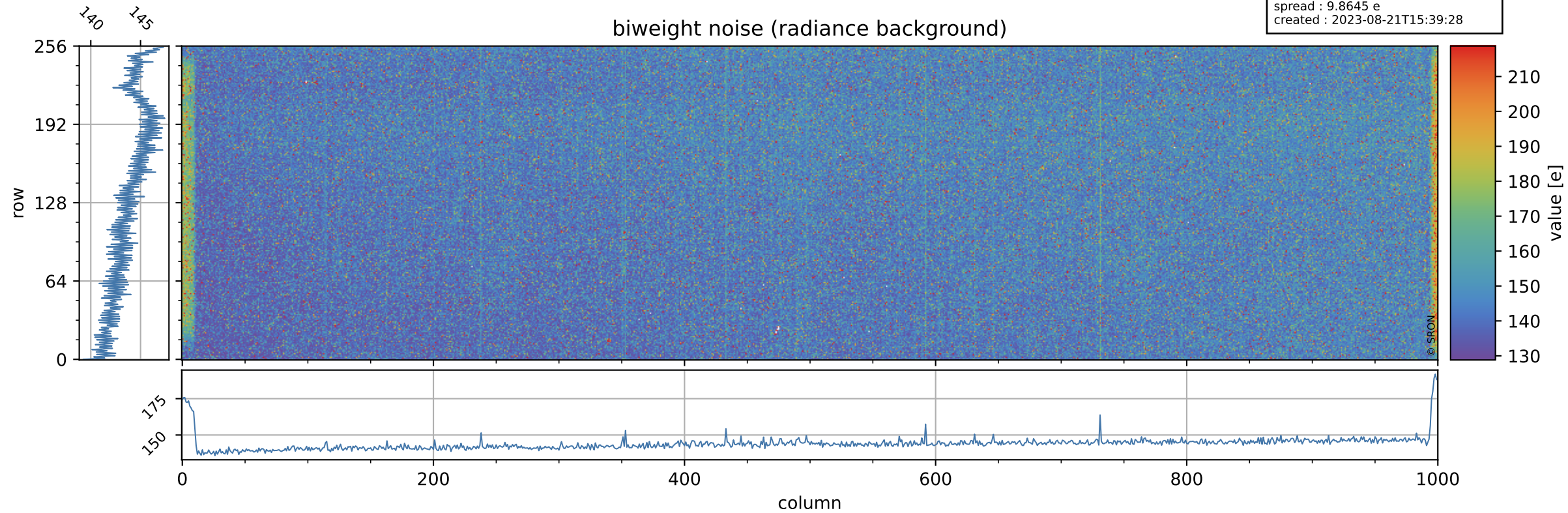
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14887, 14977]
coverage : 2020-08-28 / 2020-09-03
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.8645 e
created : 2023-08-21T15:39:28

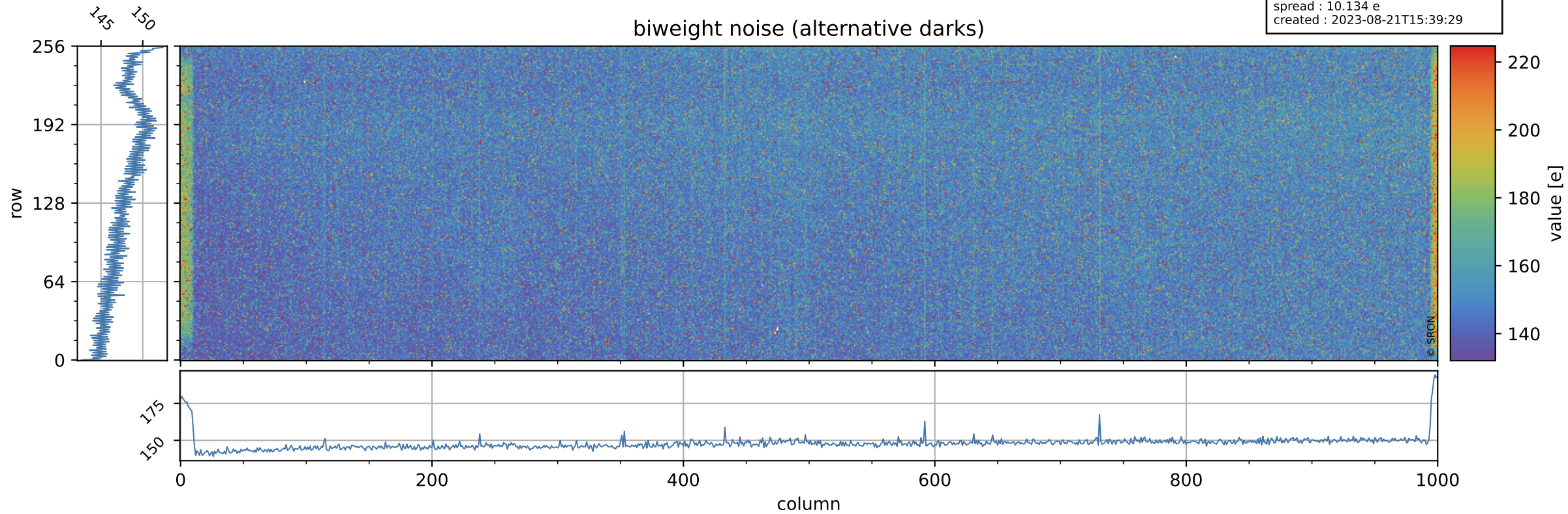
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14887, 14977]
coverage : 2020-08-28 / 2020-09-03
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.134 e
created : 2023-08-21T15:39:29

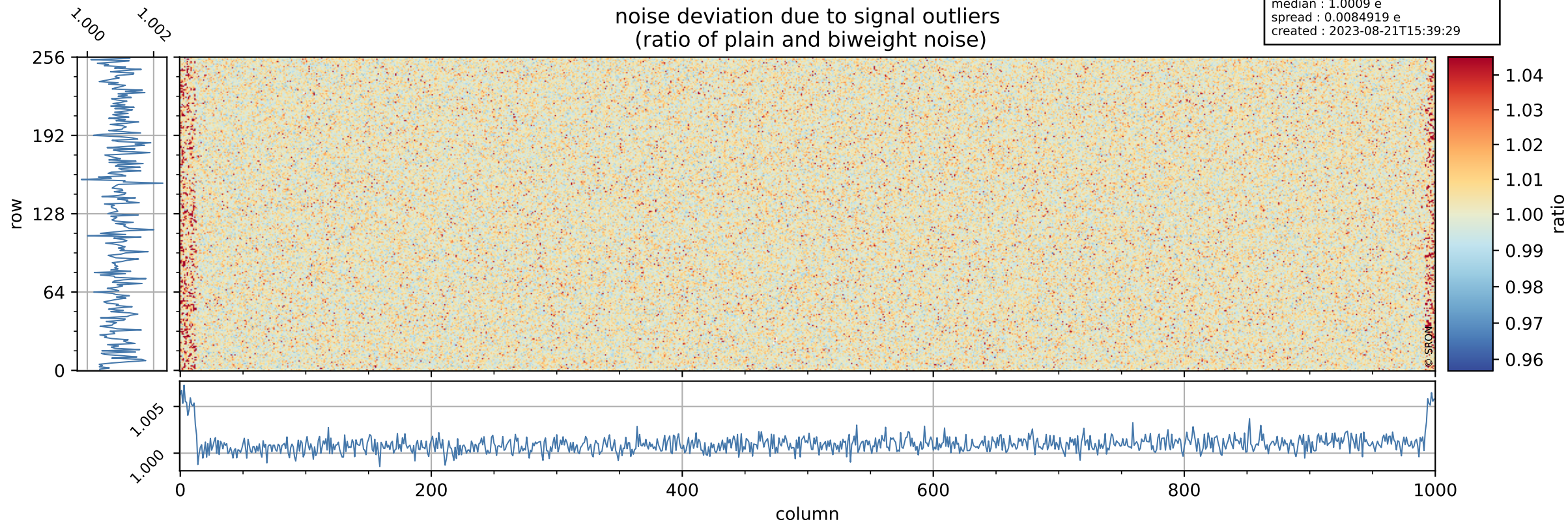
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

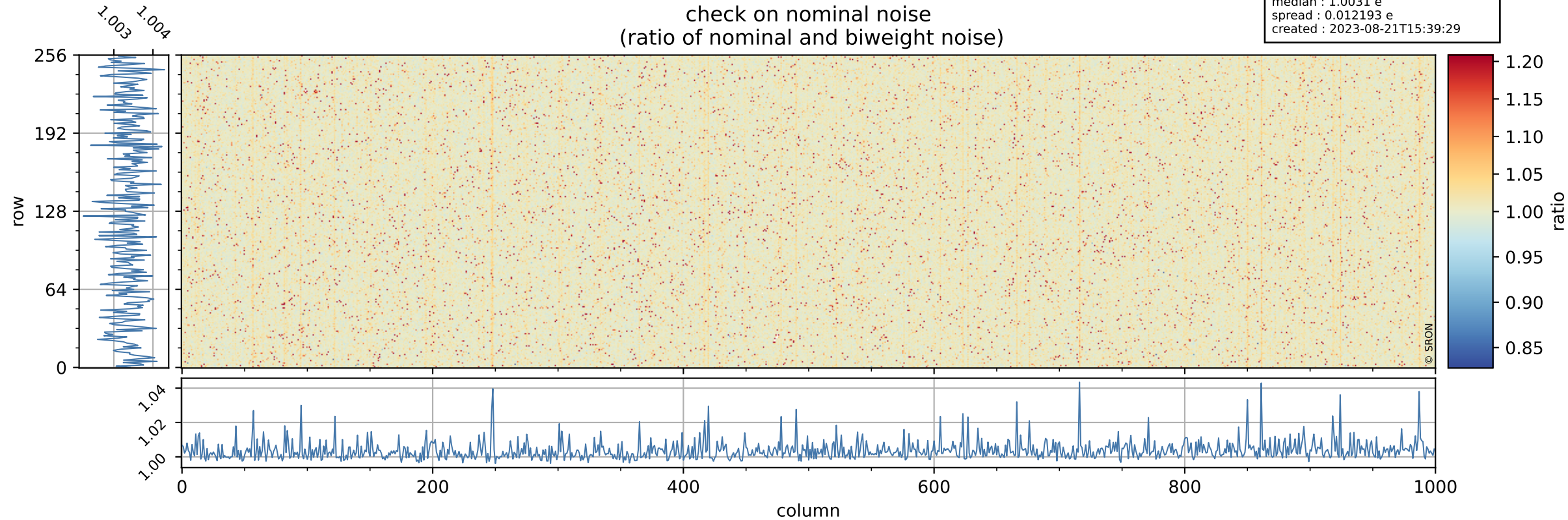
orbits : 12 in [14887, 14977]
coverage : 2020-08-28 / 2020-09-03
median : 1.0009 e
spread : 0.0084919 e
created : 2023-08-21T15:39:29



Tropomi SWIR background noise (swir)

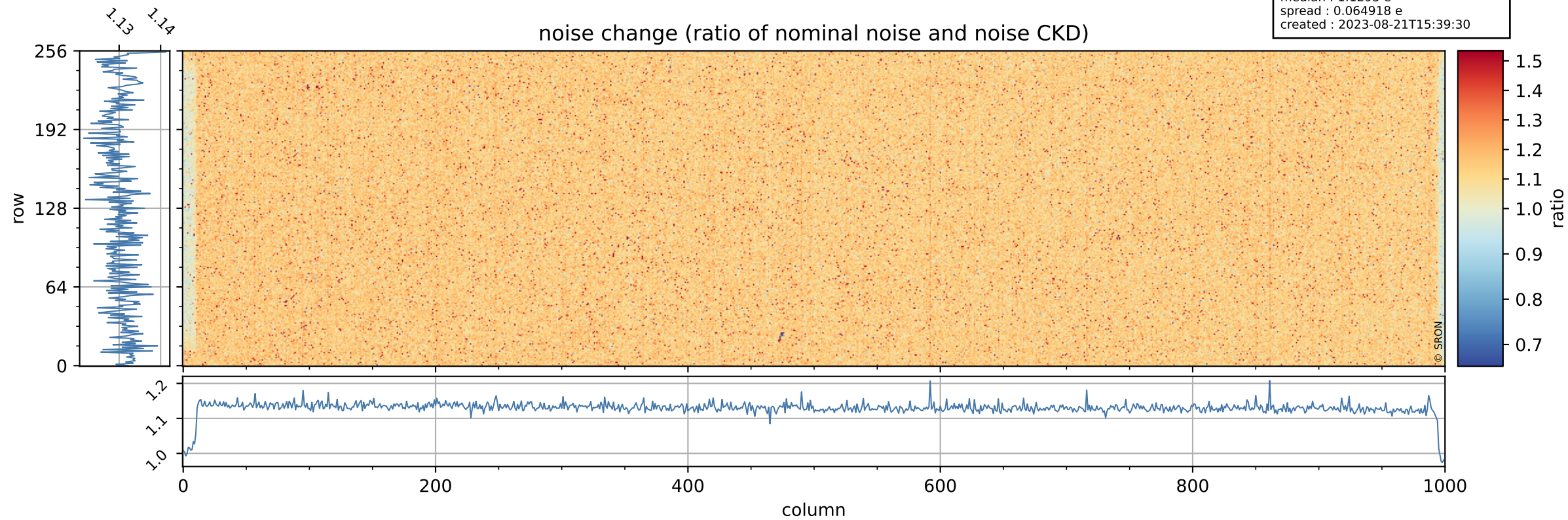
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14887, 14977]
coverage : 2020-08-28 / 2020-09-03
median : 1.0031 e
spread : 0.012193 e
created : 2023-08-21T15:39:29



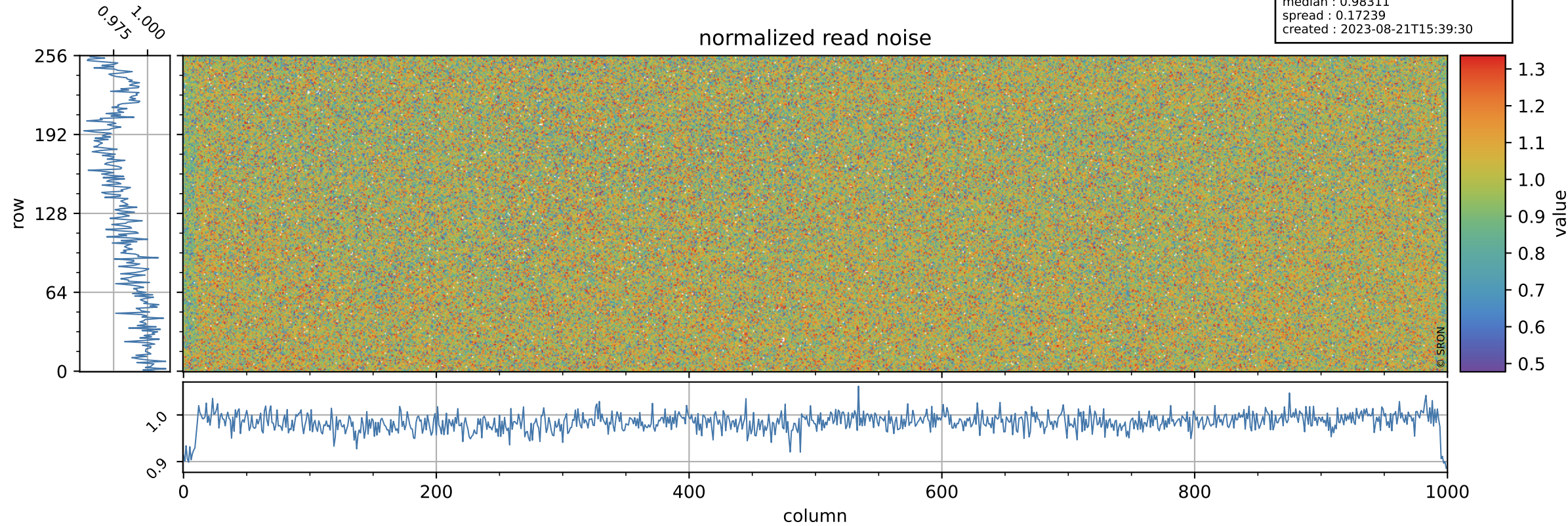
Tropomi SWIR background noise (swir)

orbits : 12 in [14887, 14977]
coverage : 2020-08-28 / 2020-09-03
median : 1.1295 e
spread : 0.064918 e
created : 2023-08-21T15:39:30



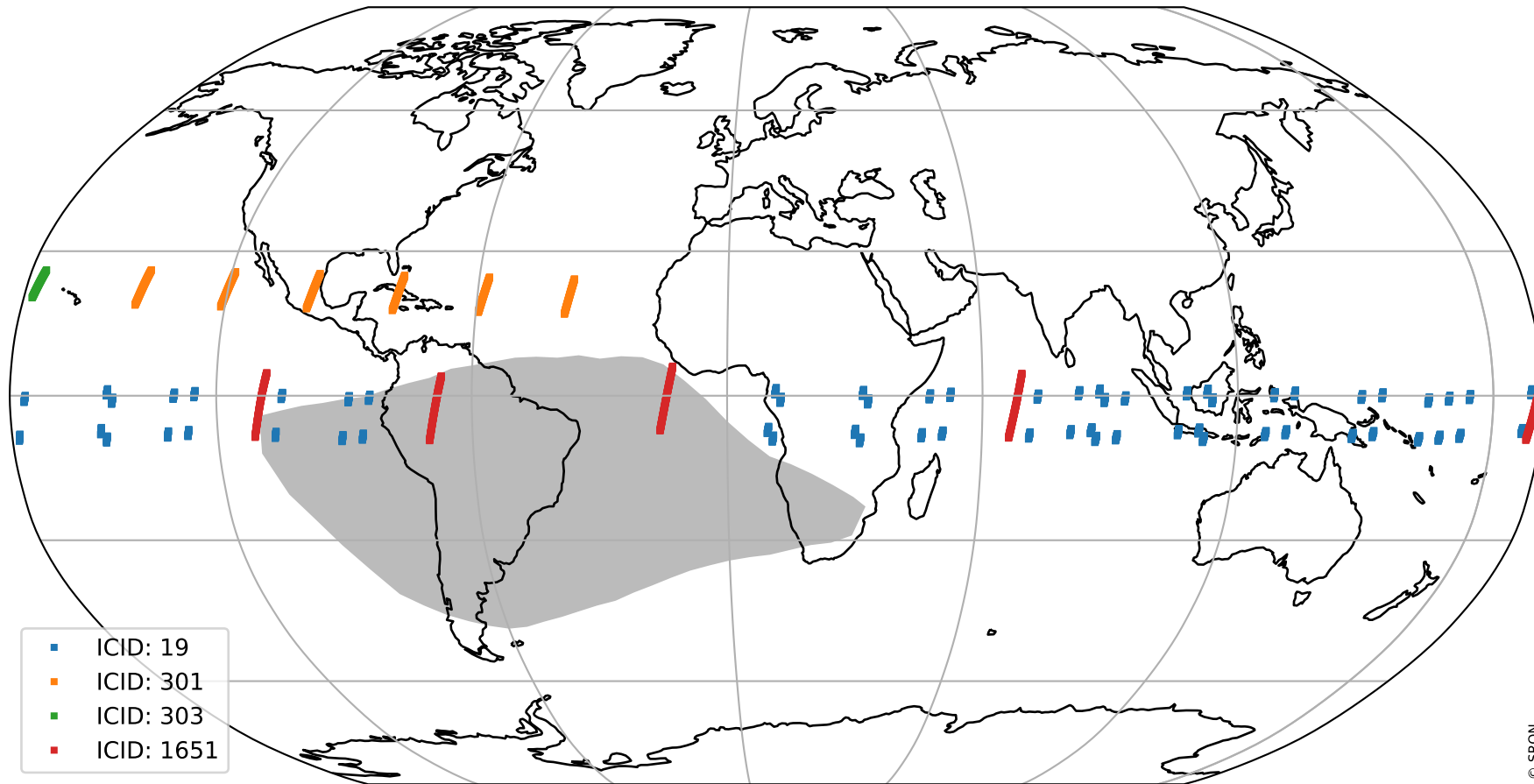
Tropomi SWIR background noise (swir)

orbits : 12 in [14887, 14977]
coverage : 2020-08-28 / 2020-09-03
median : 0.98311
spread : 0.17239
created : 2023-08-21T15:39:30



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

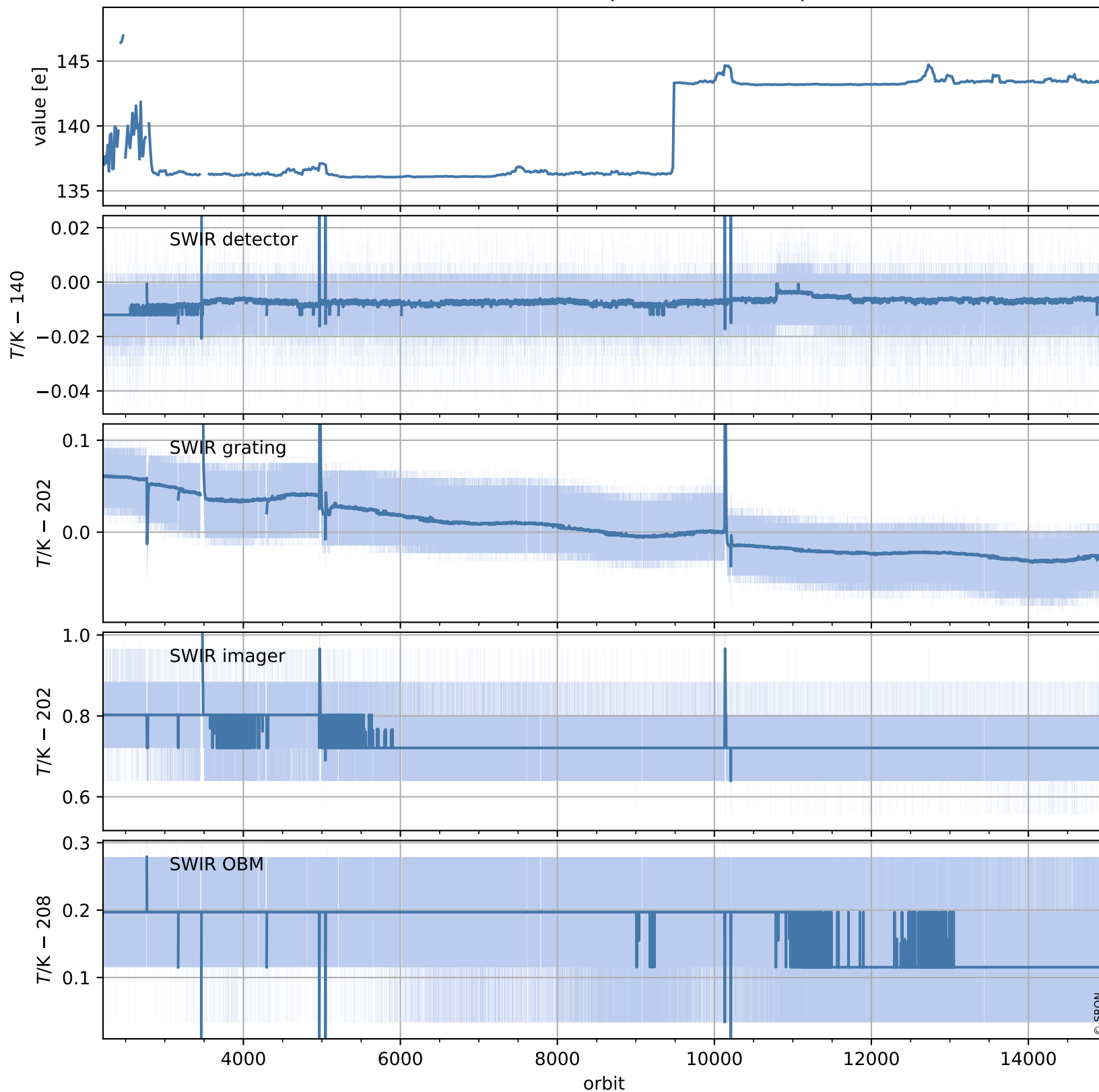
orbits : 12 in [14887, 14977]
coverage : 2020-08-28 / 2020-09-03
created : 2023-08-21T15:39:30



Tropomi SWIR background noise (swir)

orbits : [2212, 14977]
coverage : 2018-03-18 / 2020-09-03
created : 2023-08-21T15:39:31

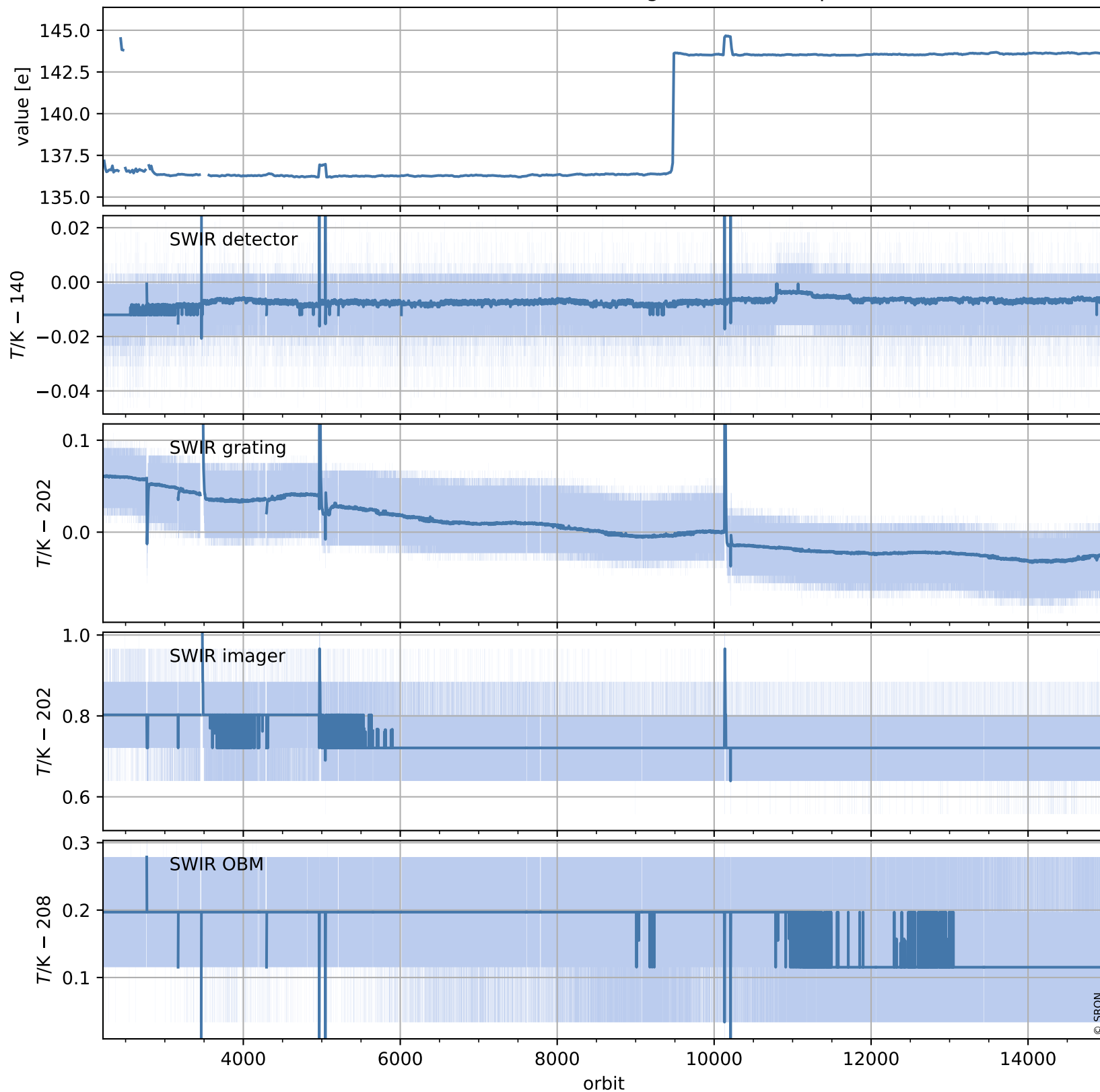
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14977]
coverage : 2018-03-18 / 2020-09-03
created : 2023-08-21T15:39:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14977]
coverage : 2018-03-18 / 2020-09-03
created : 2023-08-21T15:39:32

trend of normalized read-noise & temperatures

