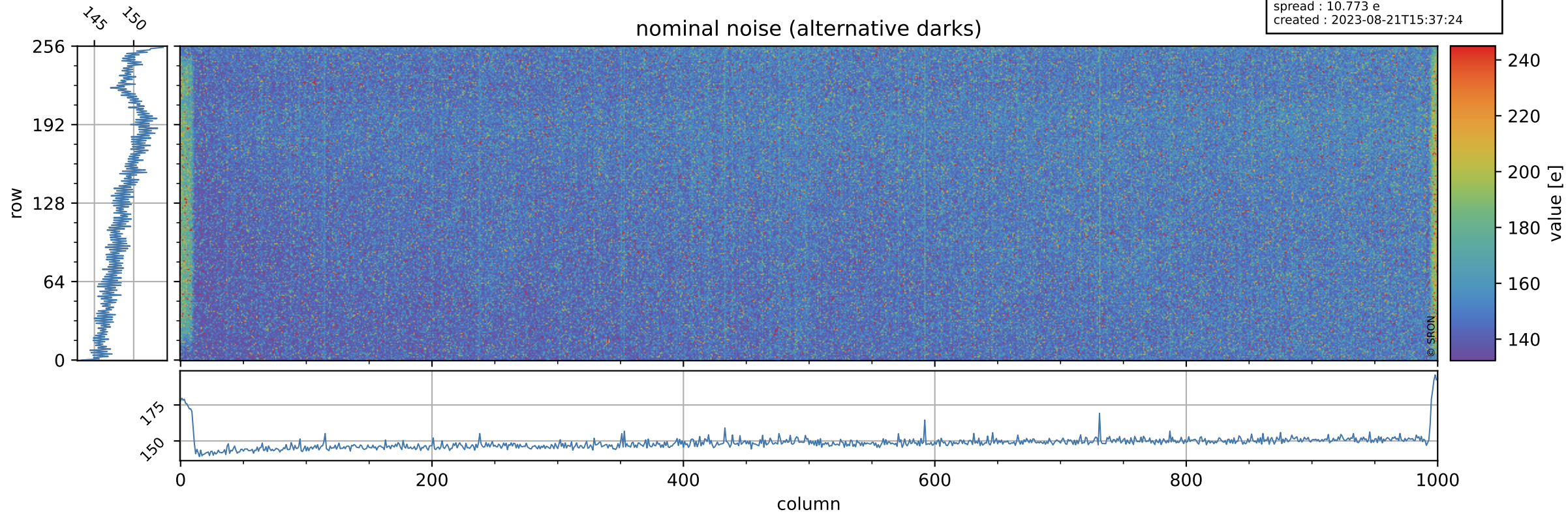


Tropomi SWIR background noise (swir)

orbits : 12 in [14527, 14602]
coverage : 2020-08-01 / 2020-08-07
n_coad, t_exp : 1, 1.0783
median : 148.57 e
spread : 10.773 e
created : 2023-08-21T15:37:24

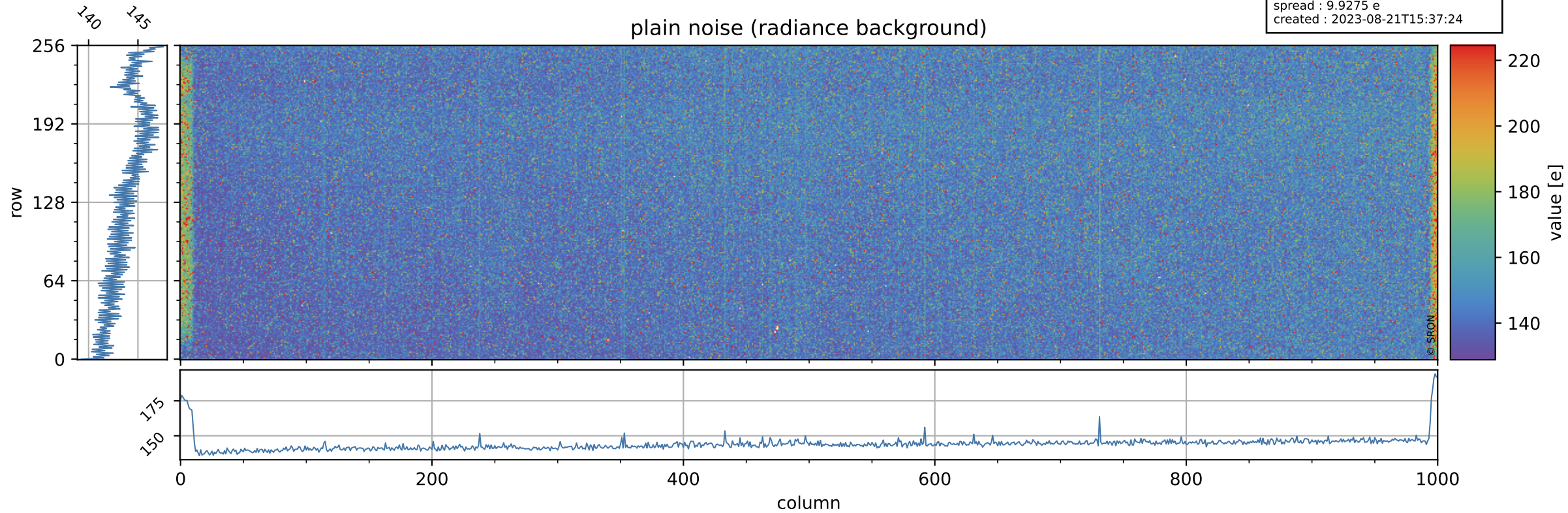
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14527, 14602]
coverage : 2020-08-01 / 2020-08-07
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.9275 e
created : 2023-08-21T15:37:24

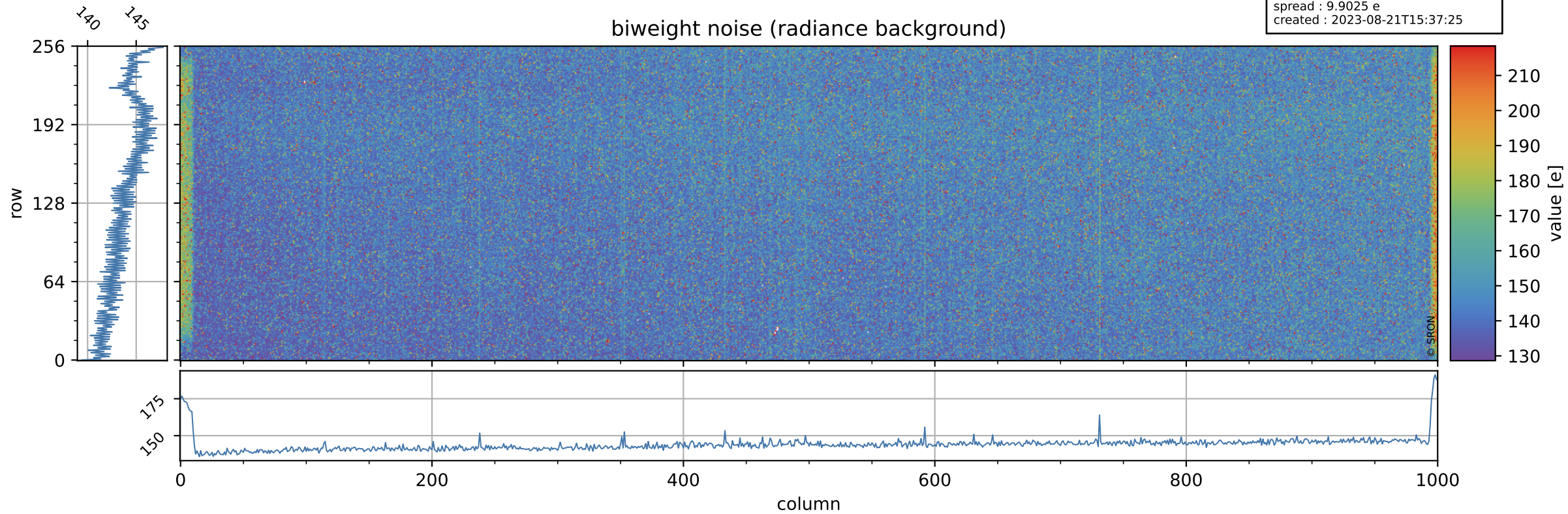
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14527, 14602]
coverage : 2020-08-01 / 2020-08-07
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.9025 e
created : 2023-08-21T15:37:25

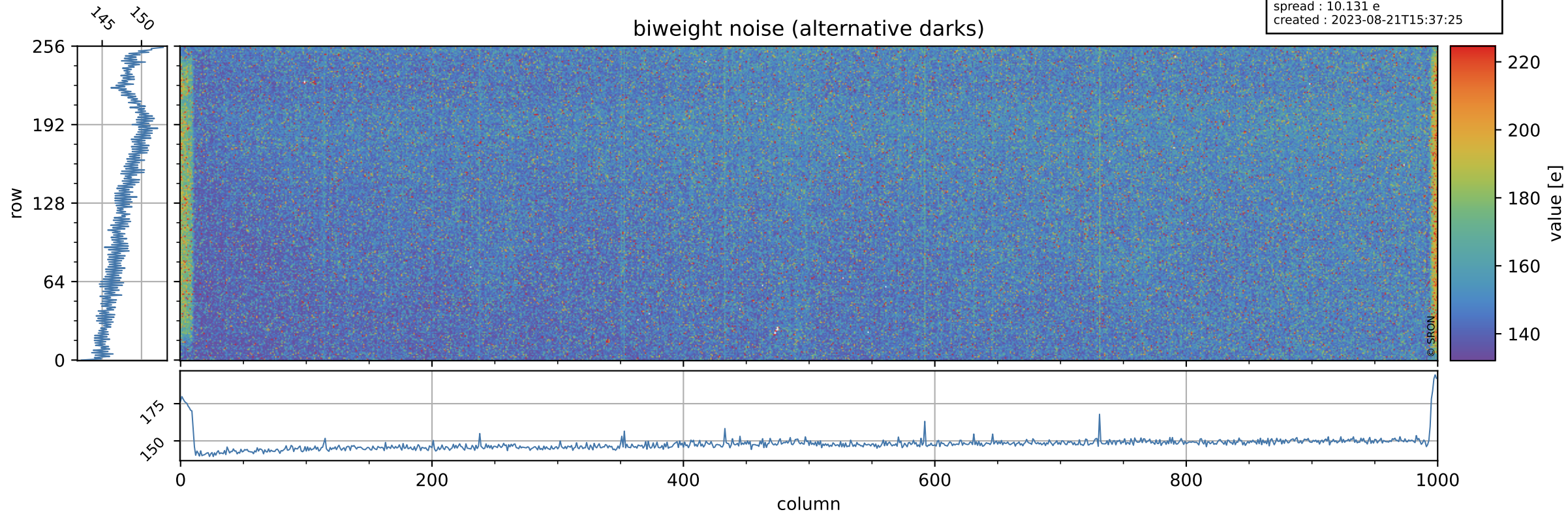
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14527, 14602]
coverage : 2020-08-01 / 2020-08-07
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.131 e
created : 2023-08-21T15:37:25

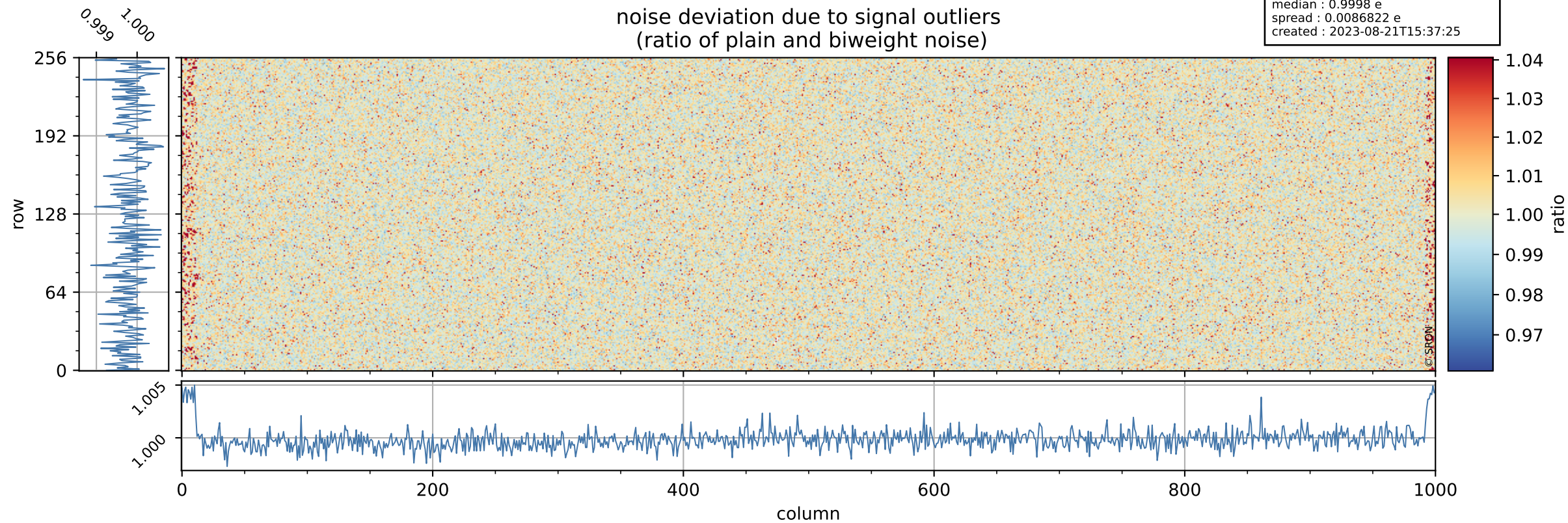
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

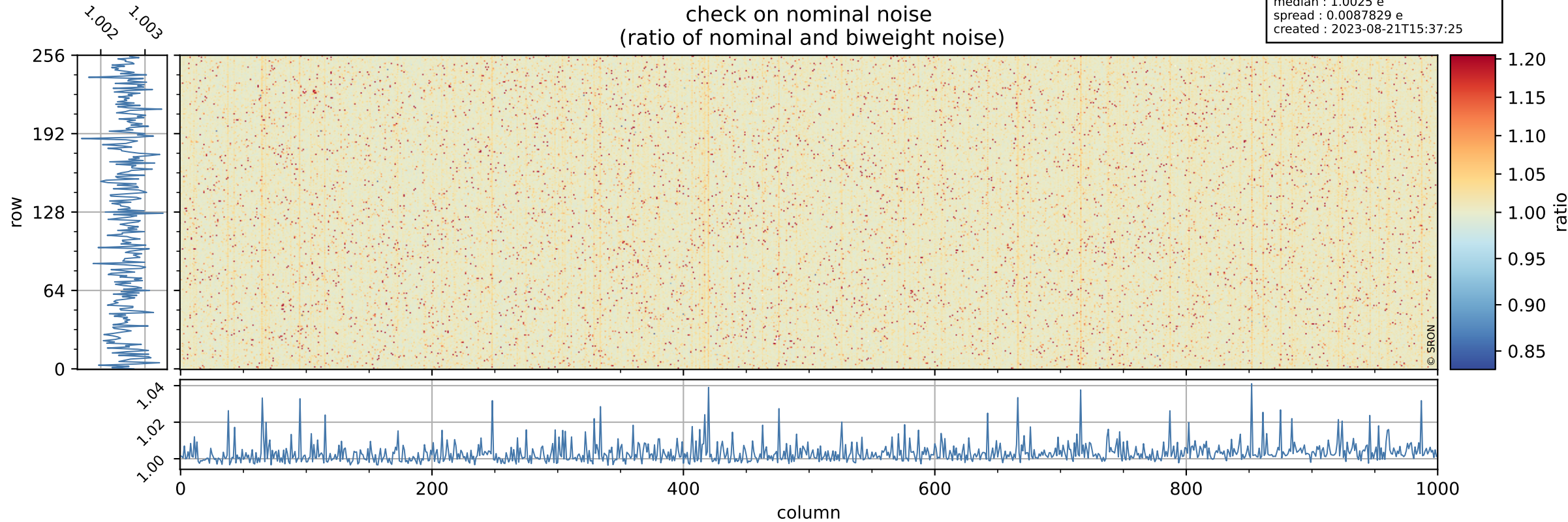
orbits : 12 in [14527, 14602]
coverage : 2020-08-01 / 2020-08-07
median : 0.9998 e
spread : 0.0086822 e
created : 2023-08-21T15:37:25



Tropomi SWIR background noise (swir)

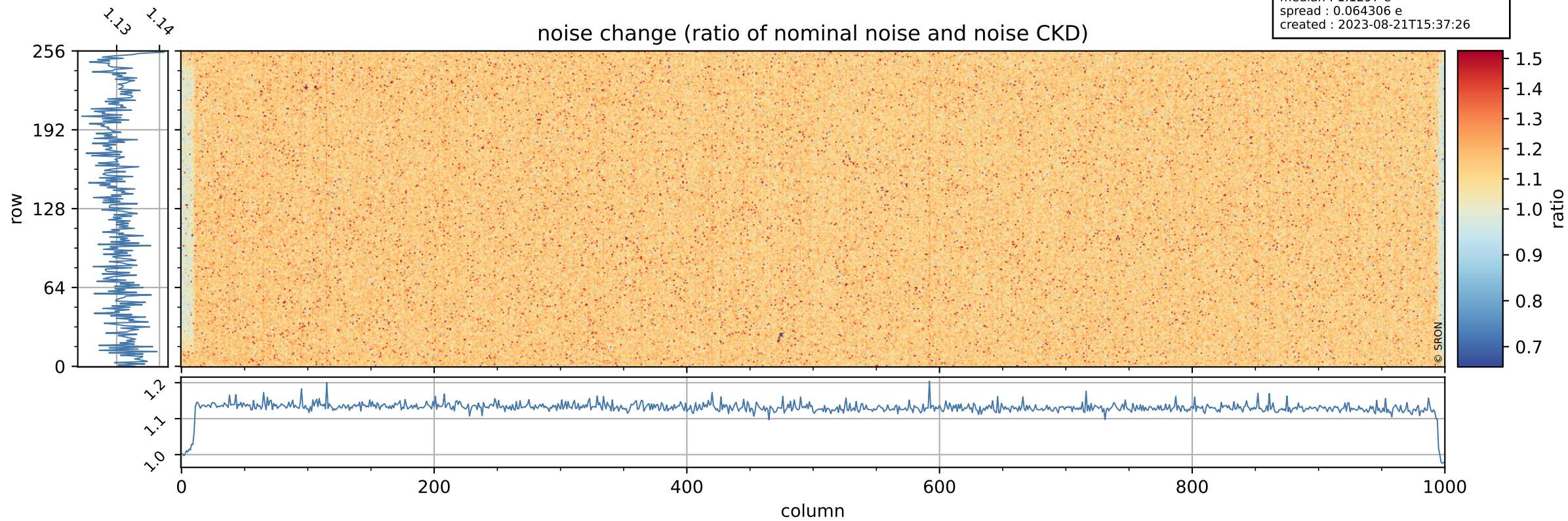
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14527, 14602]
coverage : 2020-08-01 / 2020-08-07
median : 1.0025 e
spread : 0.0087829 e
created : 2023-08-21T15:37:25



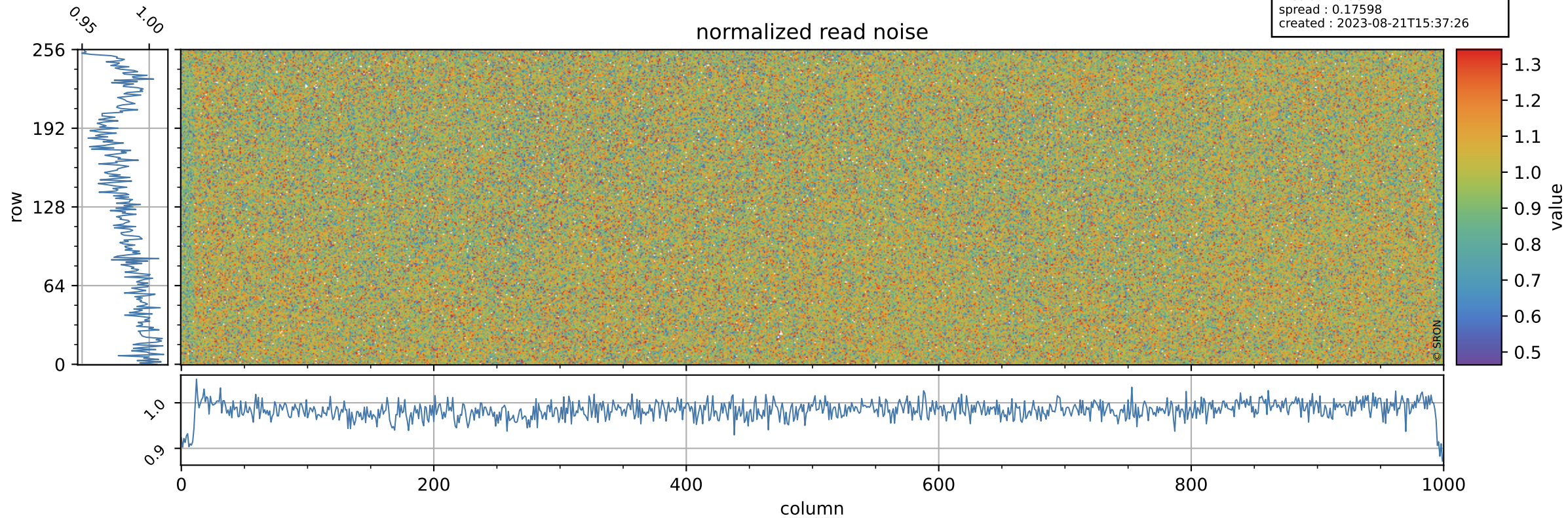
Tropomi SWIR background noise (swir)

orbits : 12 in [14527, 14602]
coverage : 2020-08-01 / 2020-08-07
median : 1.1297 e
spread : 0.064306 e
created : 2023-08-21T15:37:26



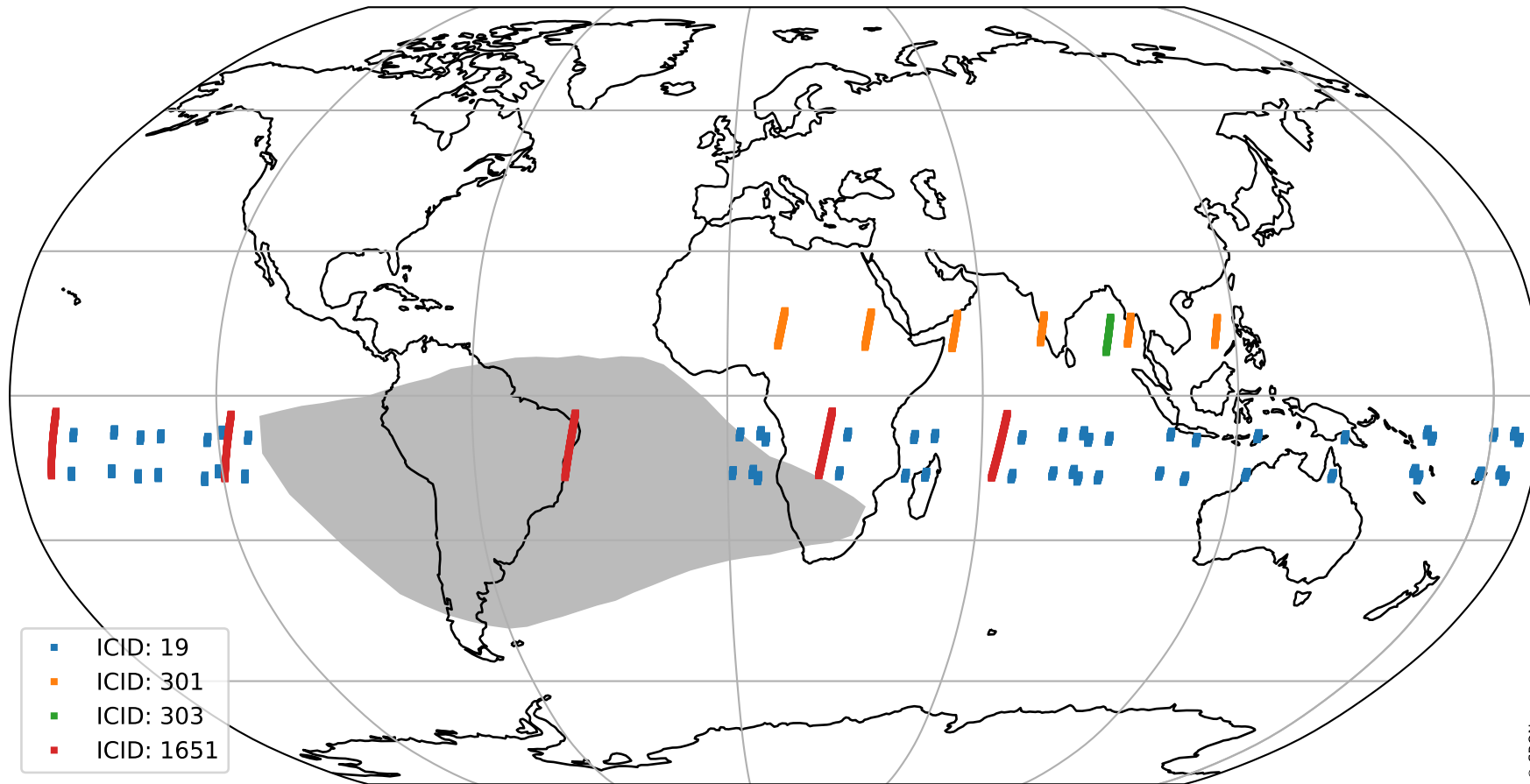
Tropomi SWIR background noise (swir)

orbits : 12 in [14527, 14602]
coverage : 2020-08-01 / 2020-08-07
median : 0.98176
spread : 0.17598
created : 2023-08-21T15:37:26



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

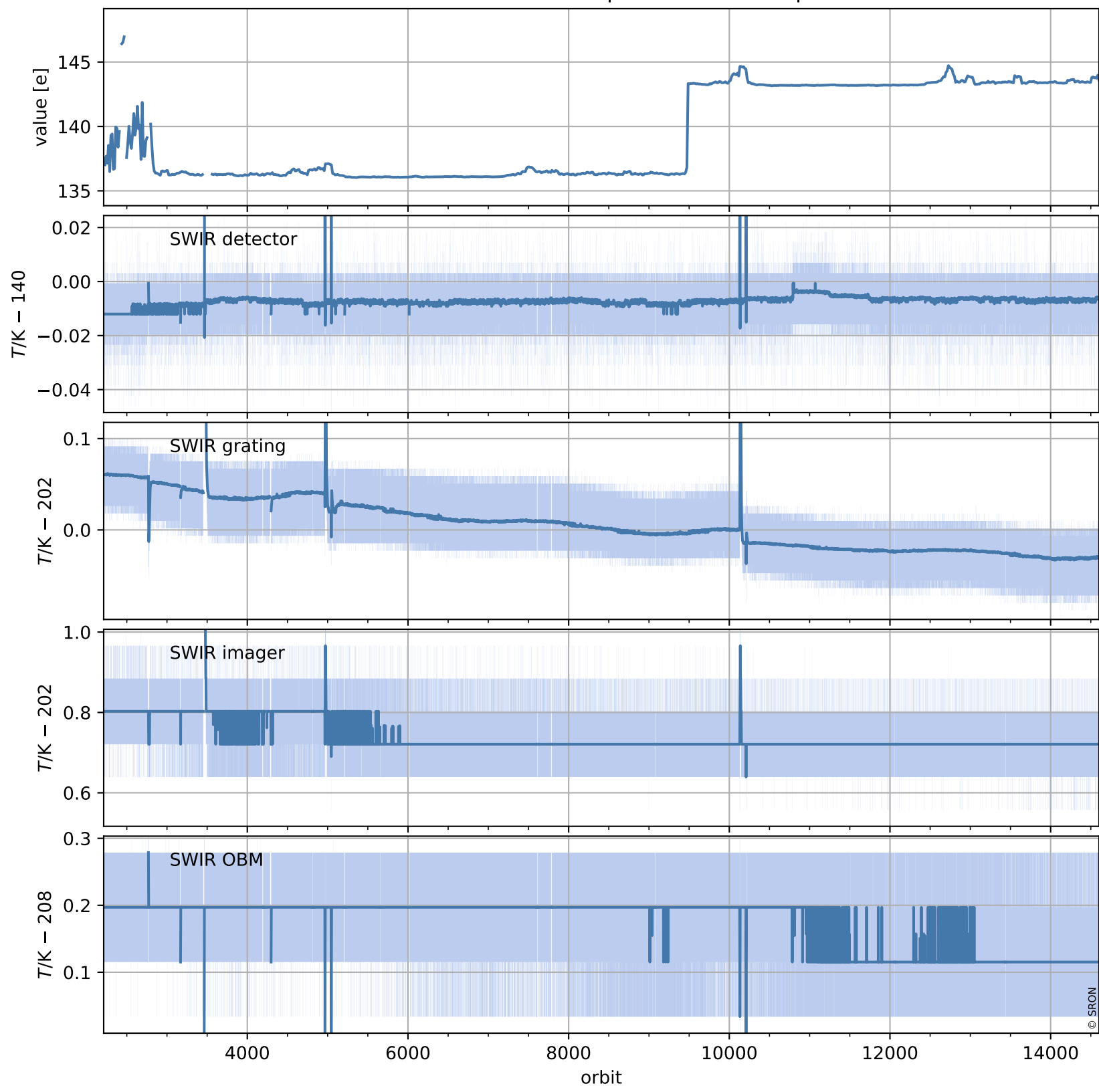
orbits : 12 in [14527, 14602]
coverage : 2020-08-01 / 2020-08-07
created : 2023-08-21T15:37:26



Tropomi SWIR background noise (swir)

orbits : [2212, 14602]
coverage : 2018-03-18 / 2020-08-07
created : 2023-08-21T15:37:27

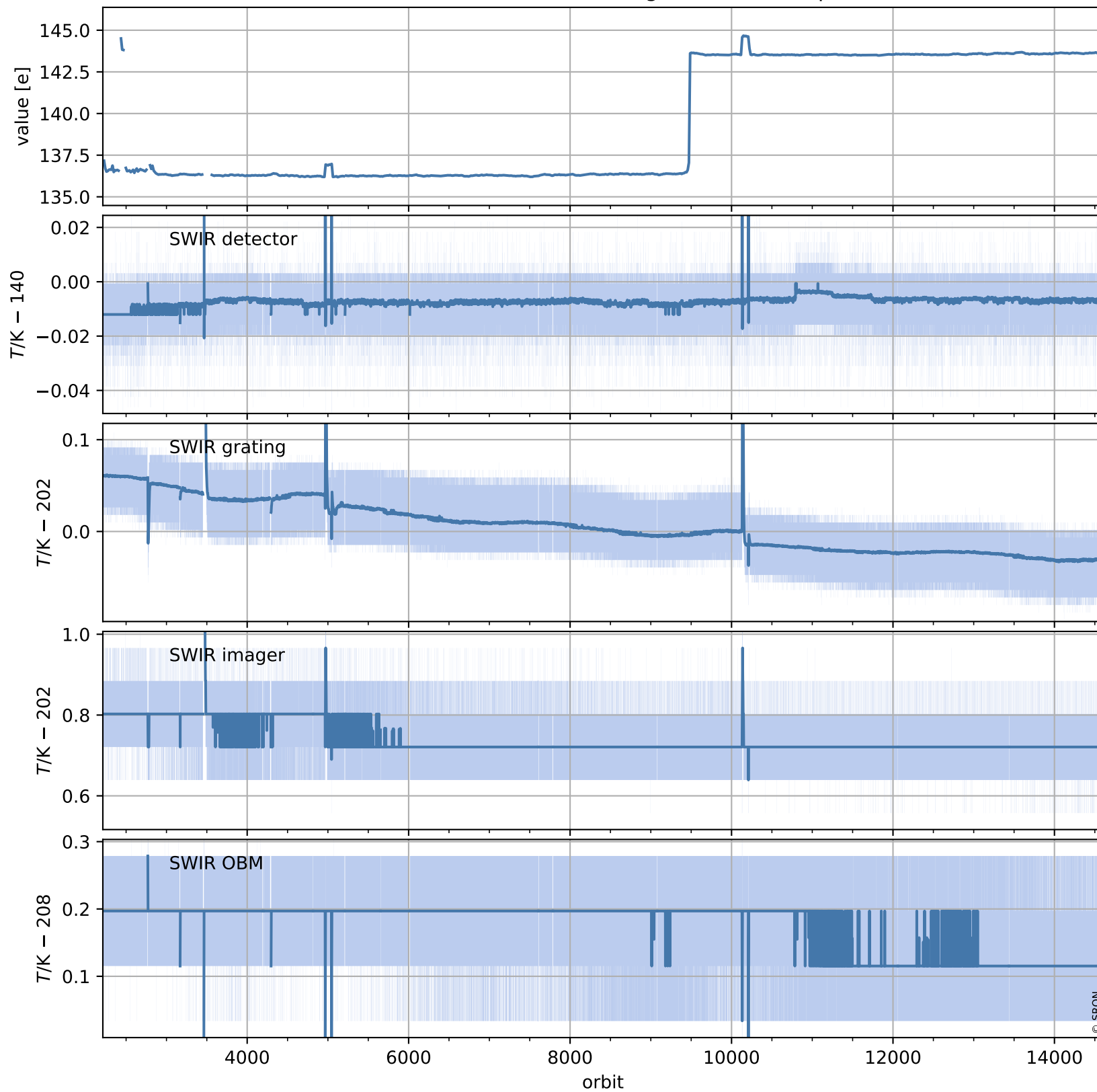
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14602]
coverage : 2018-03-18 / 2020-08-07
created : 2023-08-21T15:37:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14602]
coverage : 2018-03-18 / 2020-08-07
created : 2023-08-21T15:37:28

trend of normalized read-noise & temperatures

