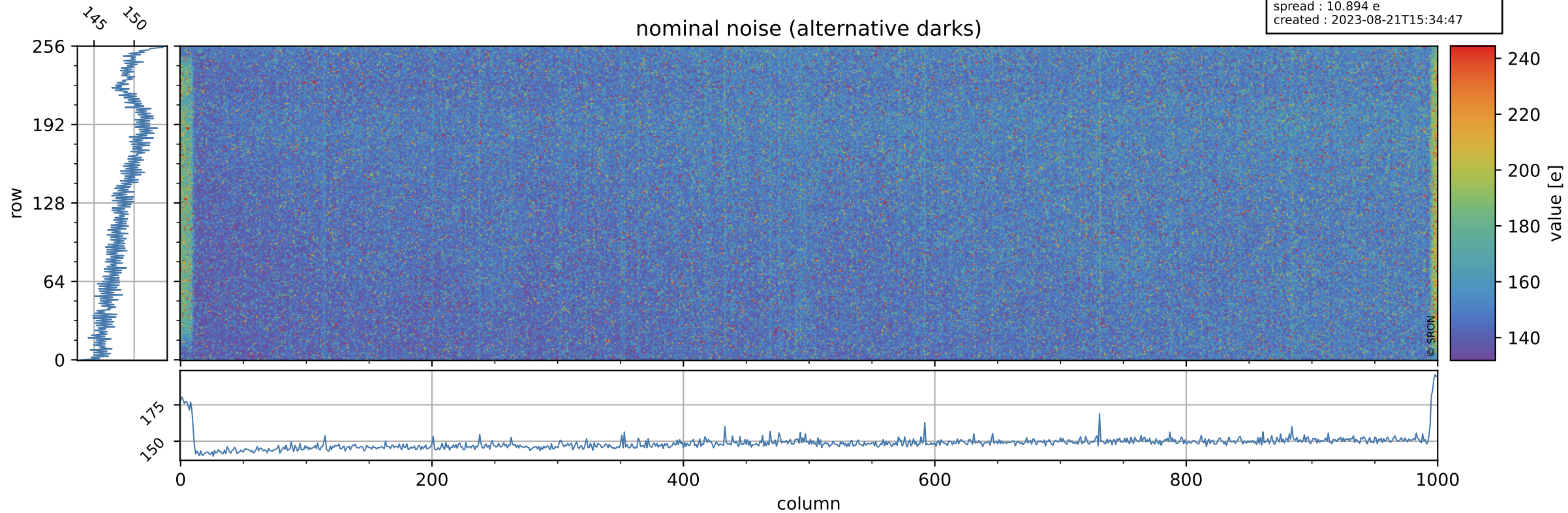


Tropomi SWIR background noise (swir)

orbits : 12 in [14032, 14122]
coverage : 2020-06-28 / 2020-07-04
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.894 e
created : 2023-08-21T15:34:47

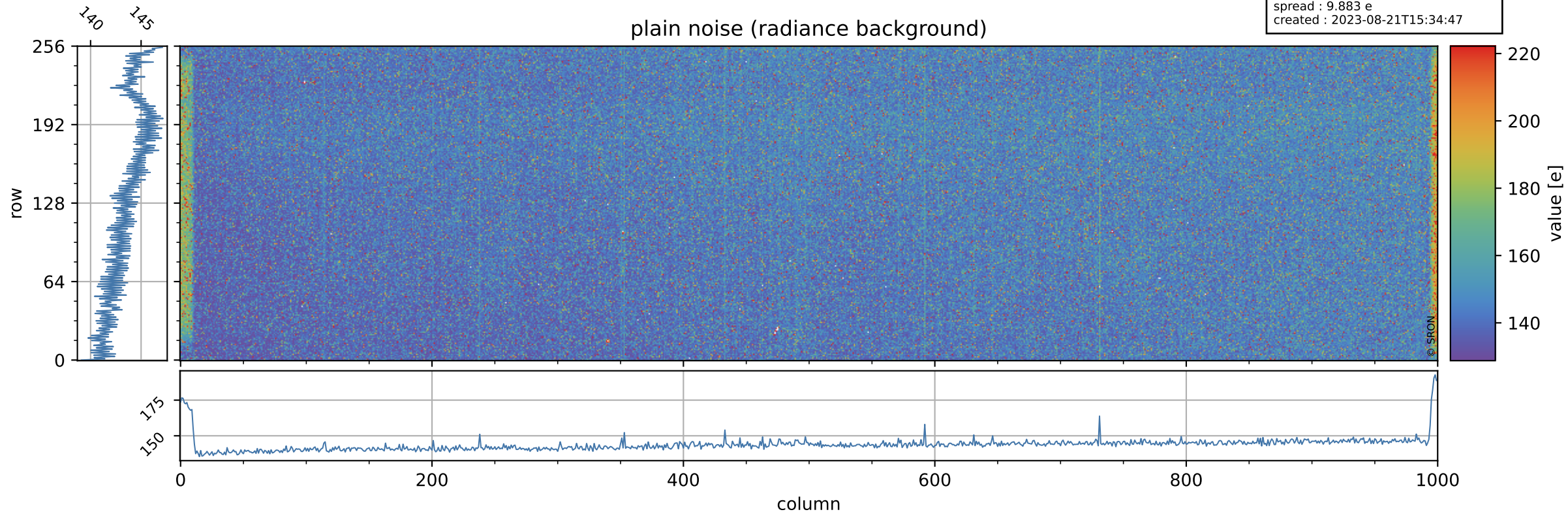
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14032, 14122]
coverage : 2020-06-28 / 2020-07-04
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.883 e
created : 2023-08-21T15:34:47

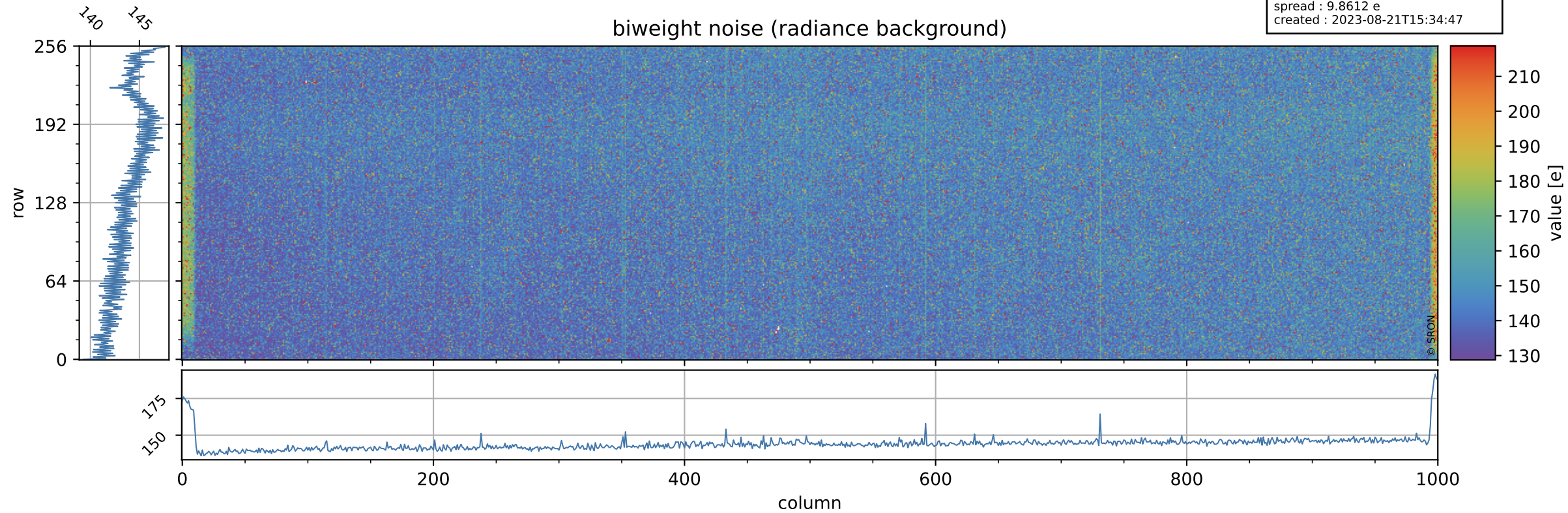
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14032, 14122]
coverage : 2020-06-28 / 2020-07-04
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.8612 e
created : 2023-08-21T15:34:47

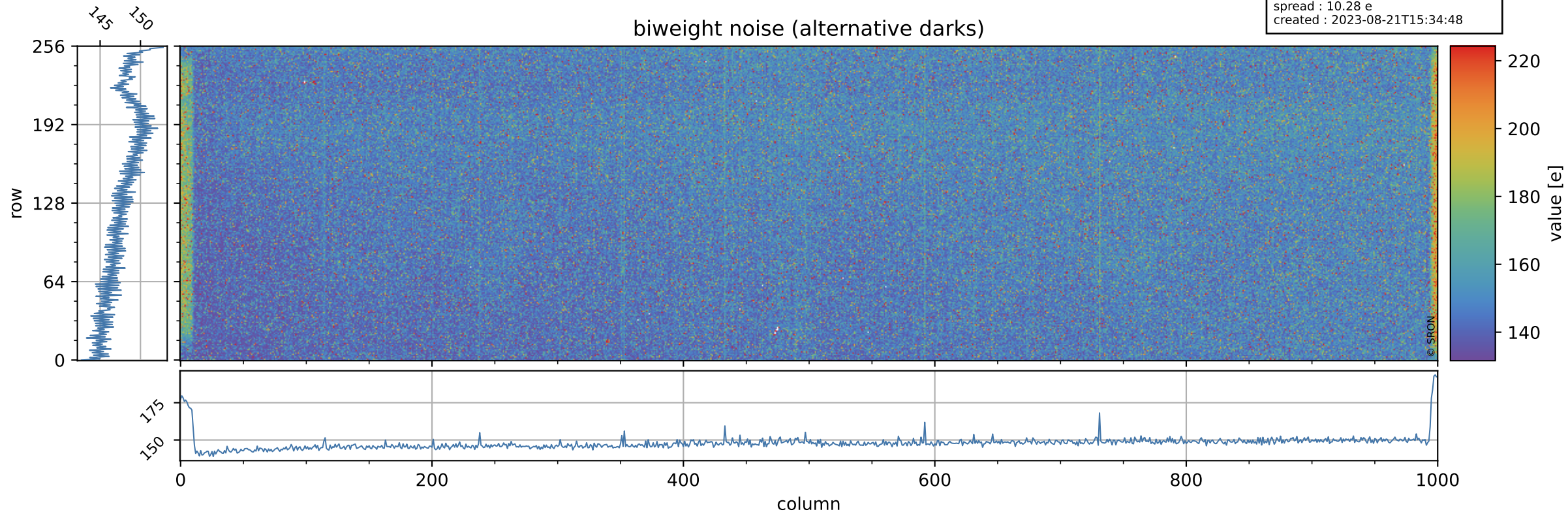
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14032, 14122]
coverage : 2020-06-28 / 2020-07-04
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.28 e
created : 2023-08-21T15:34:48

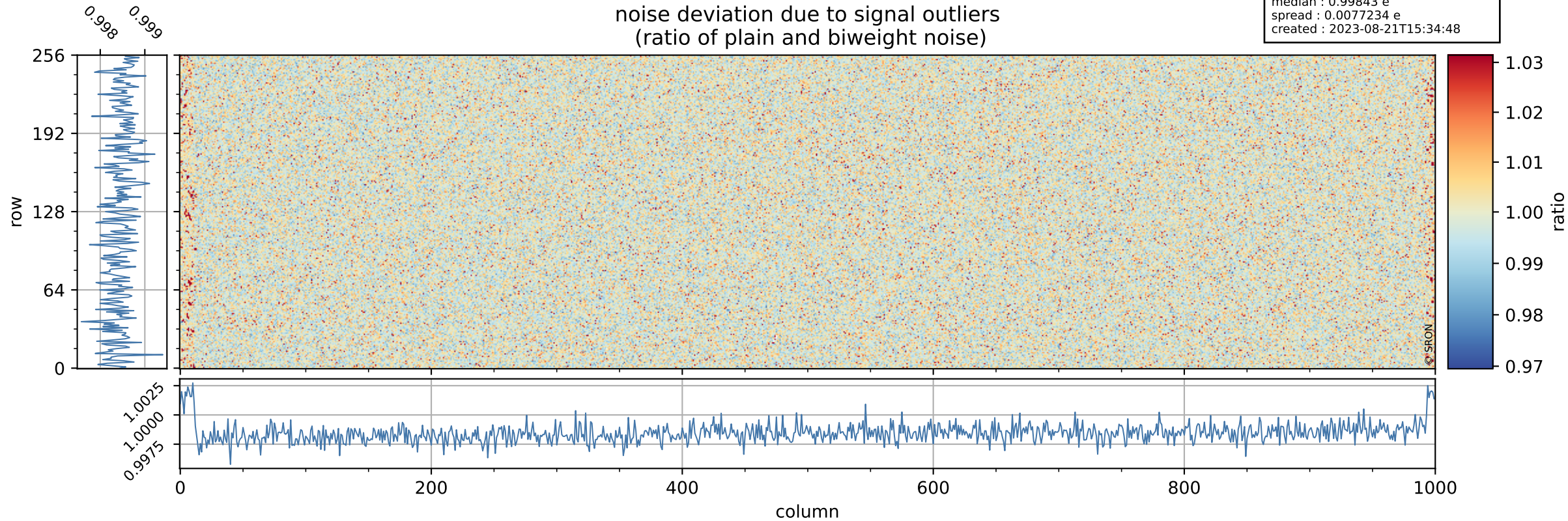
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

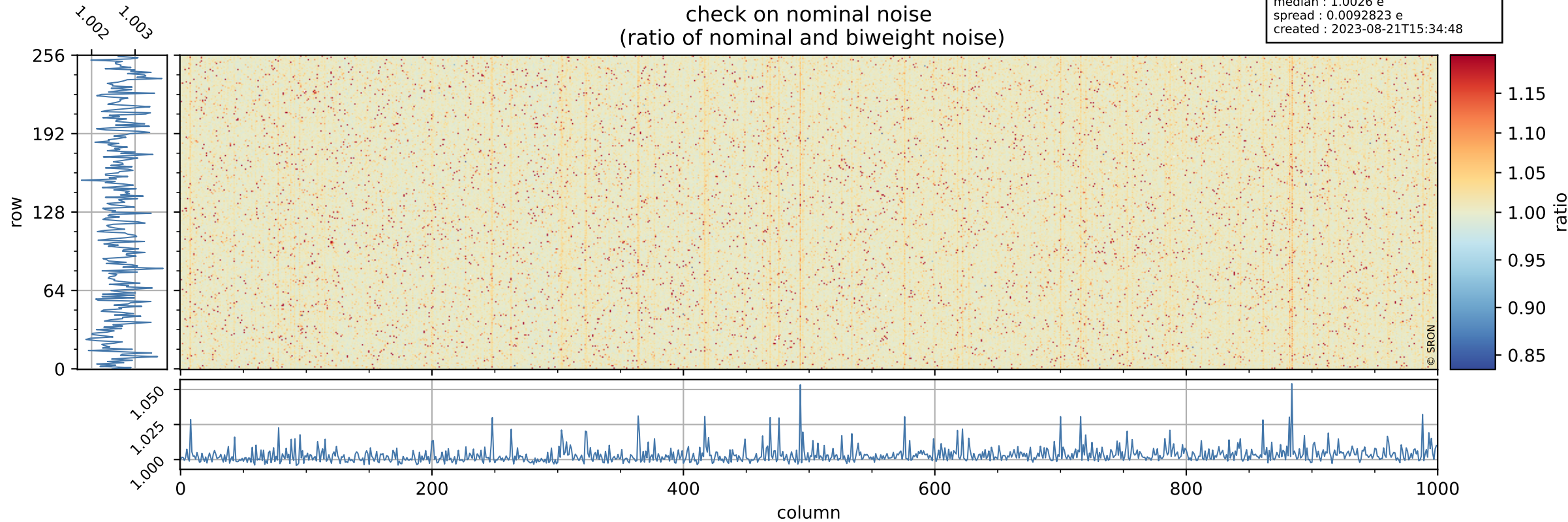
orbits : 12 in [14032, 14122]
coverage : 2020-06-28 / 2020-07-04
median : 0.99843 e
spread : 0.0077234 e
created : 2023-08-21T15:34:48



Tropomi SWIR background noise (swir)

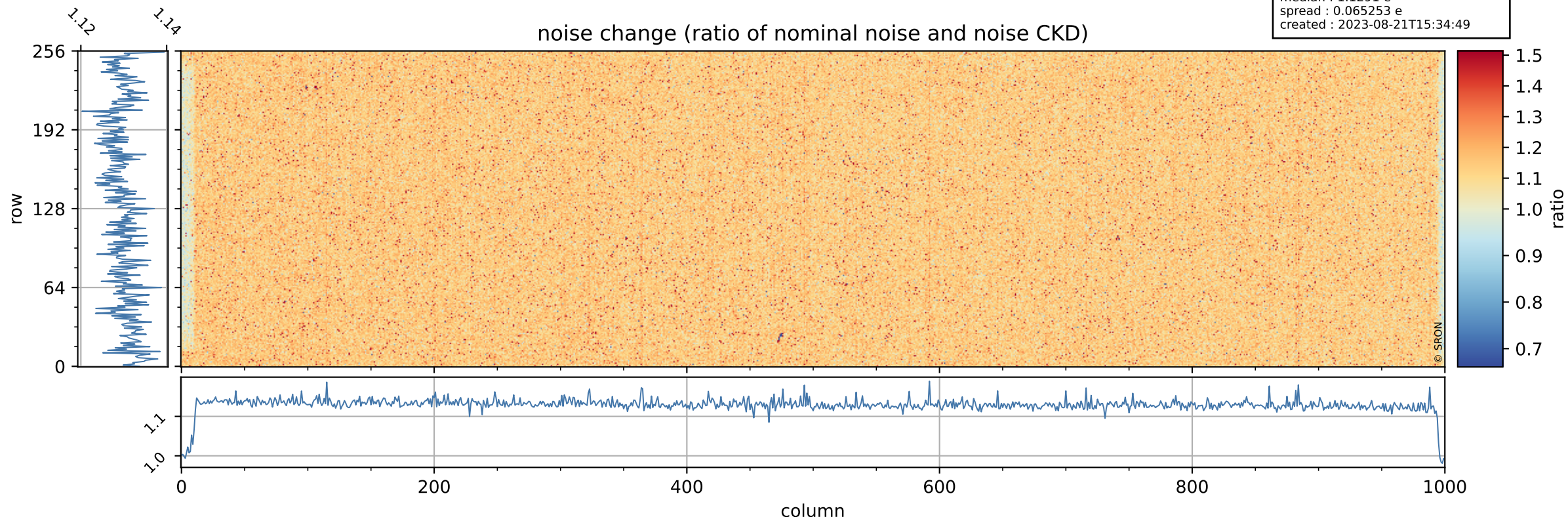
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14032, 14122]
coverage : 2020-06-28 / 2020-07-04
median : 1.0026 e
spread : 0.0092823 e
created : 2023-08-21T15:34:48



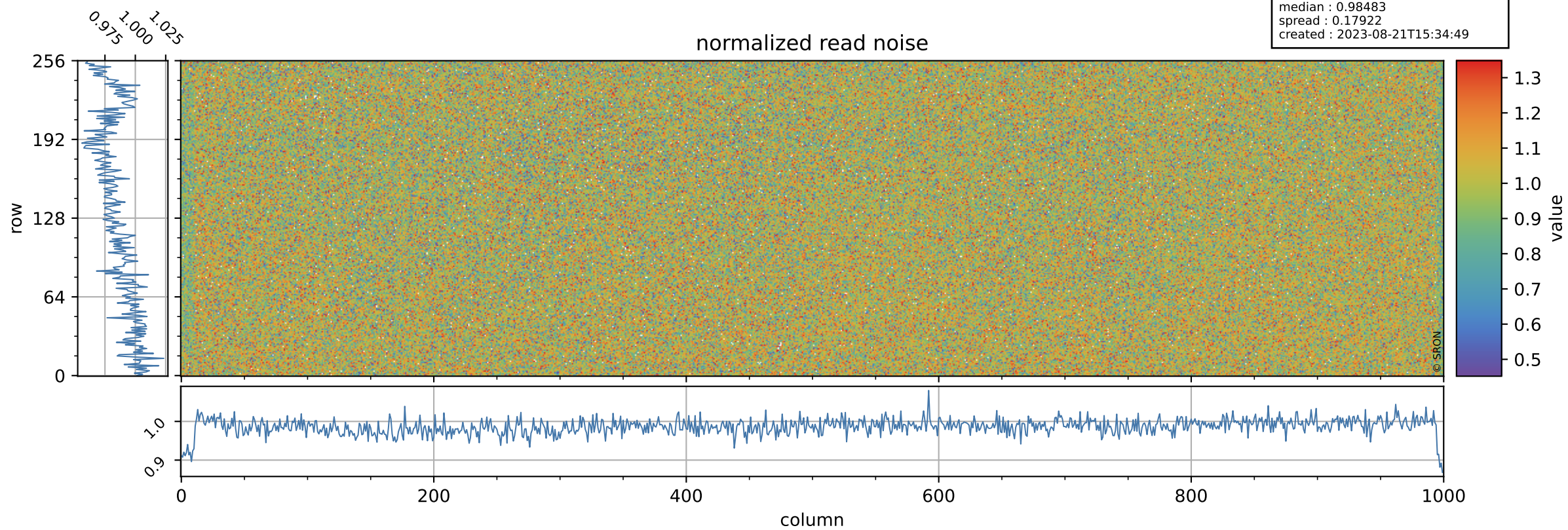
Tropomi SWIR background noise (swir)

orbits : 12 in [14032, 14122]
coverage : 2020-06-28 / 2020-07-04
median : 1.1291 e
spread : 0.065253 e
created : 2023-08-21T15:34:49



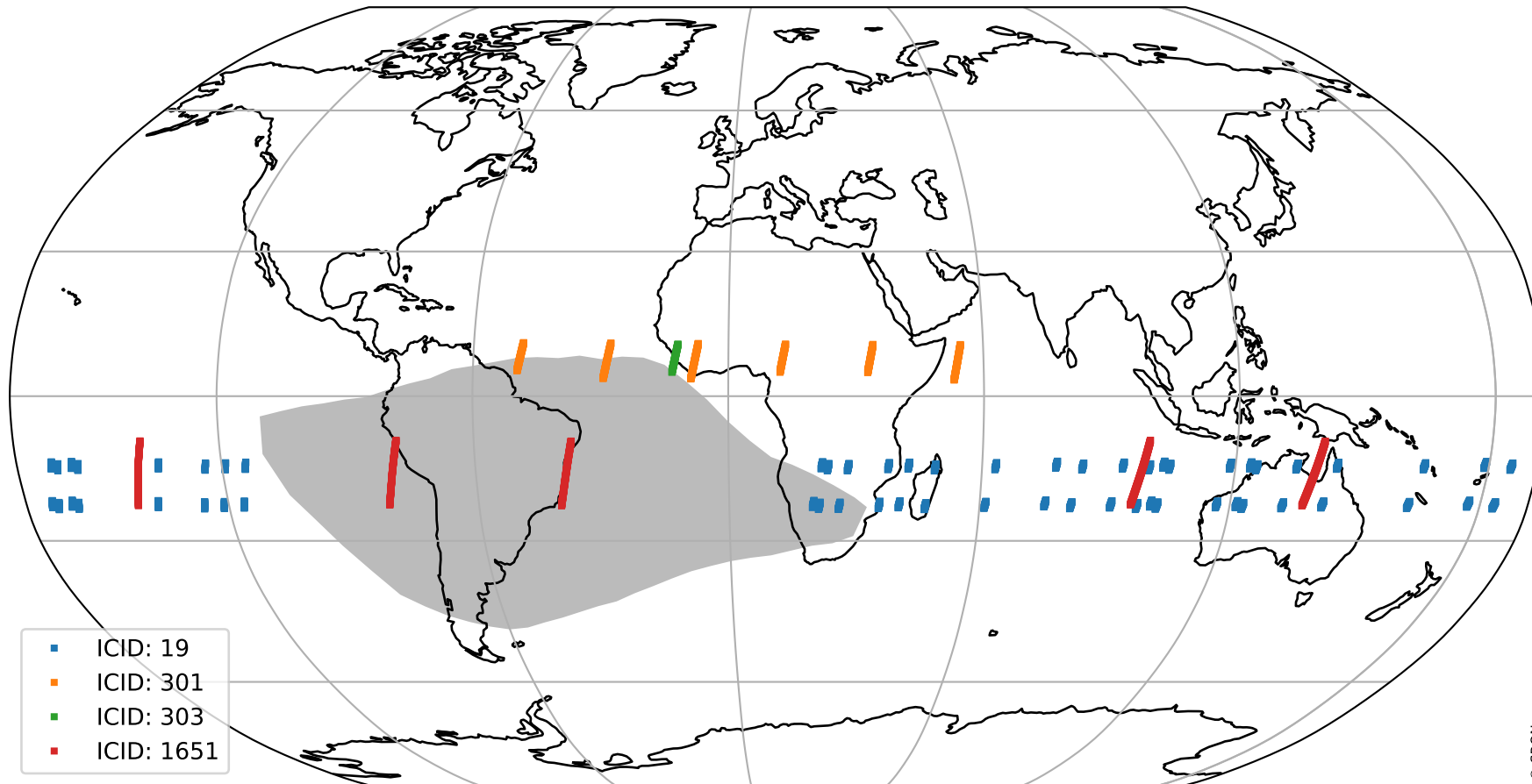
Tropomi SWIR background noise (swir)

orbits : 12 in [14032, 14122]
coverage : 2020-06-28 / 2020-07-04
median : 0.98483
spread : 0.17922
created : 2023-08-21T15:34:49



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

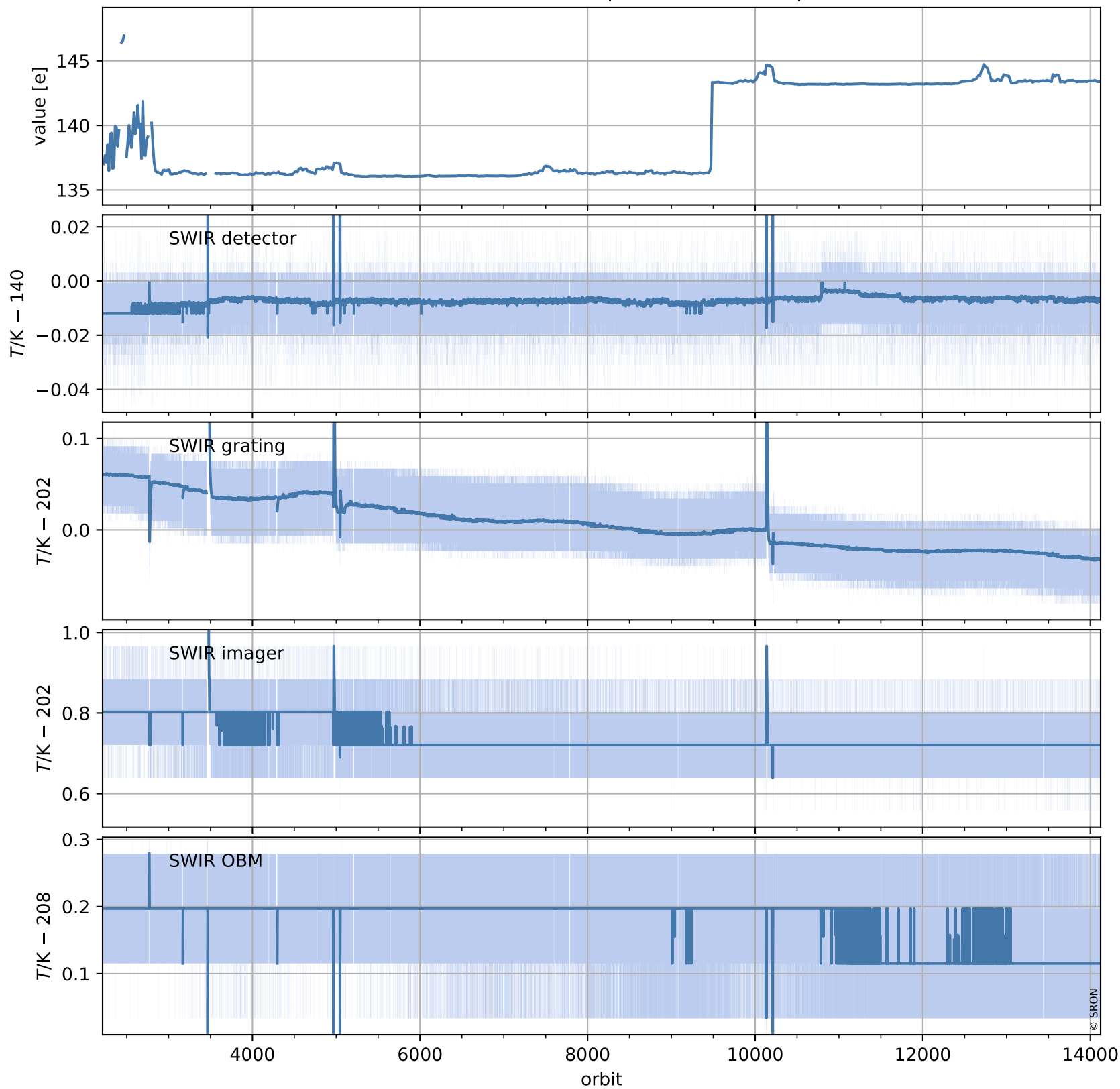
orbits : 12 in [14032, 14122]
coverage : 2020-06-28 / 2020-07-04
created : 2023-08-21T15:34:49



Tropomi SWIR background noise (swir)

orbits : [2212, 14122]
coverage : 2018-03-18 / 2020-07-04
created : 2023-08-21T15:34:50

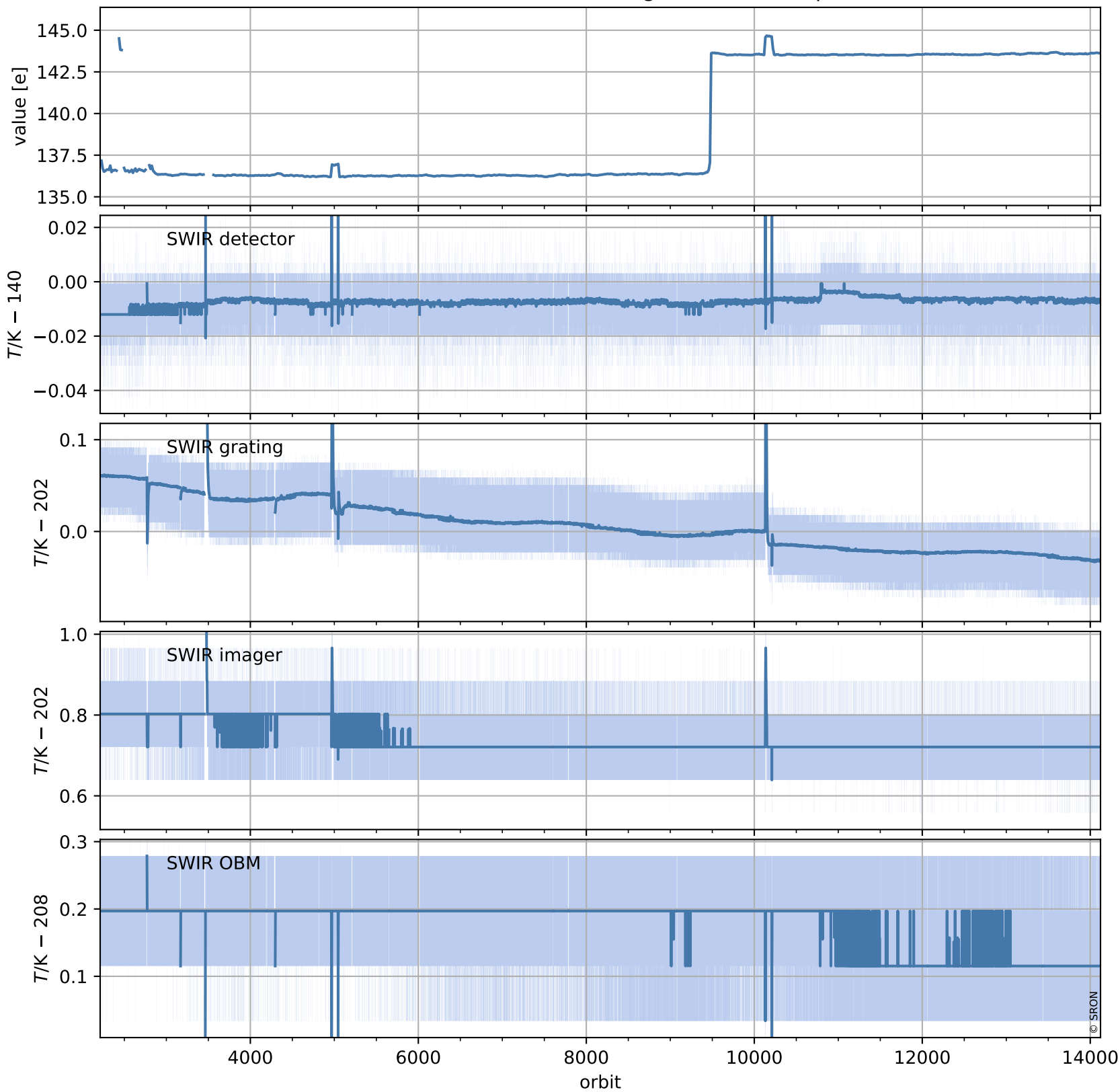
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14122]
coverage : 2018-03-18 / 2020-07-04
created : 2023-08-21T15:34:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14122]
coverage : 2018-03-18 / 2020-07-04
created : 2023-08-21T15:34:51

trend of normalized read-noise & temperatures

