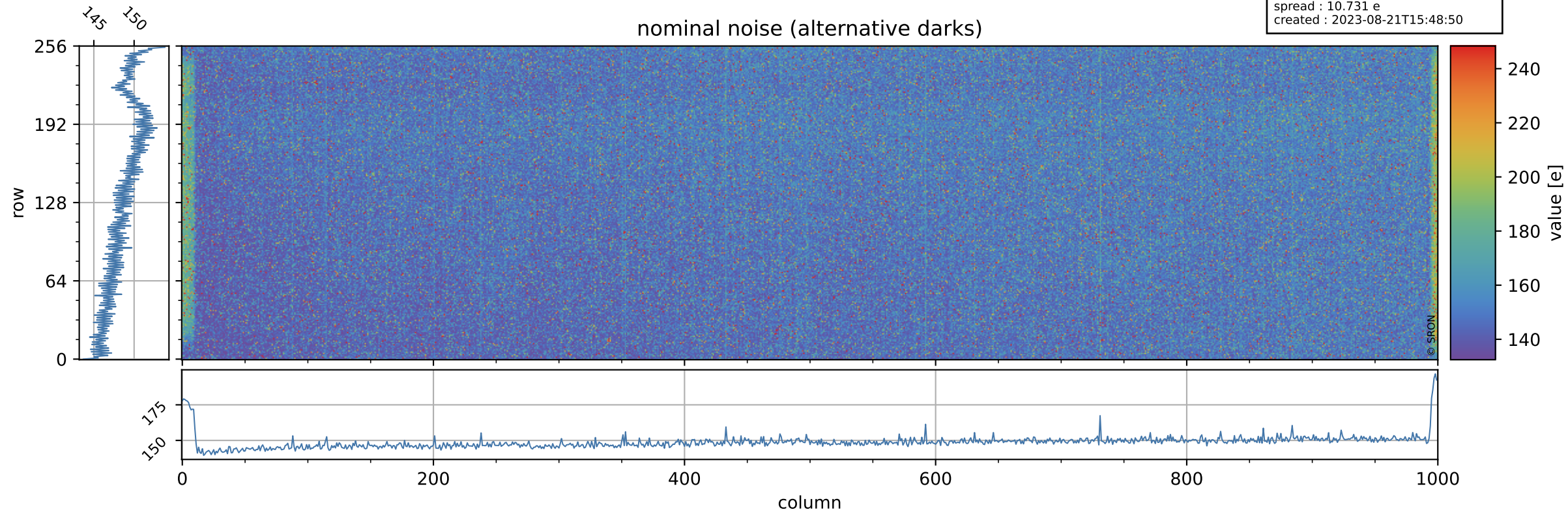


Tropomi SWIR background noise (swir)

orbits : 12 in [16552, 16642]
coverage : 2020-12-23 / 2020-12-28
n_coad, t_exp : 1, 1.0783
median : 148.59 e
spread : 10.731 e
created : 2023-08-21T15:48:50

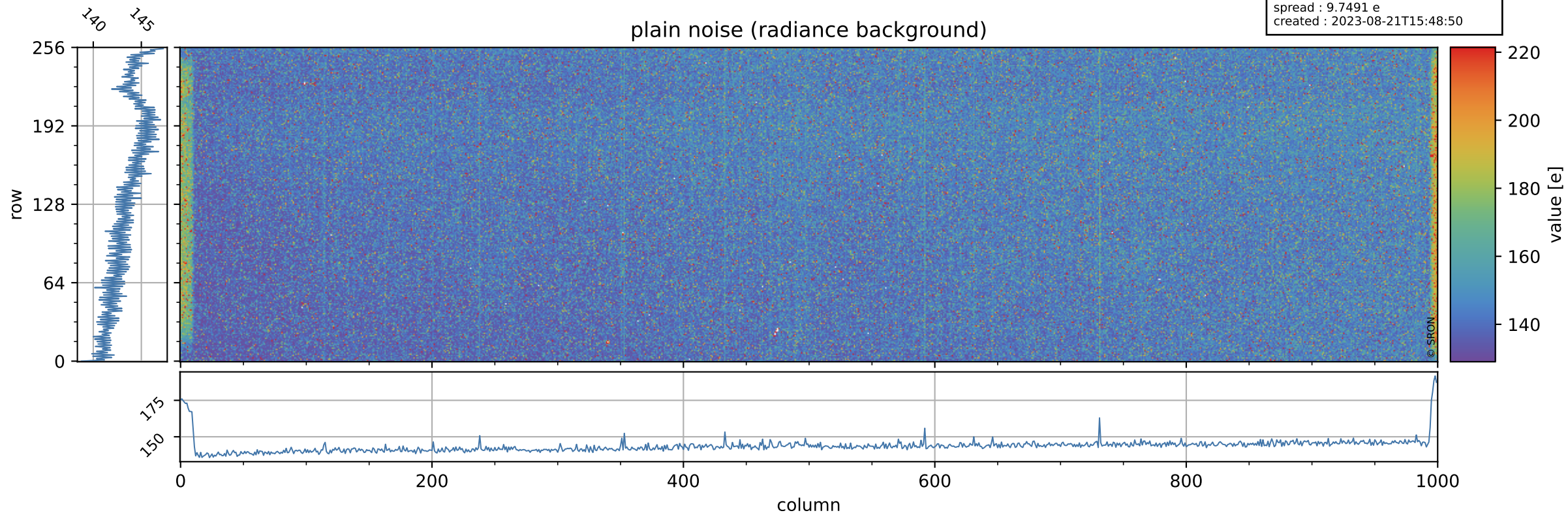
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16552, 16642]
coverage : 2020-12-23 / 2020-12-28
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7491 e
created : 2023-08-21T15:48:50

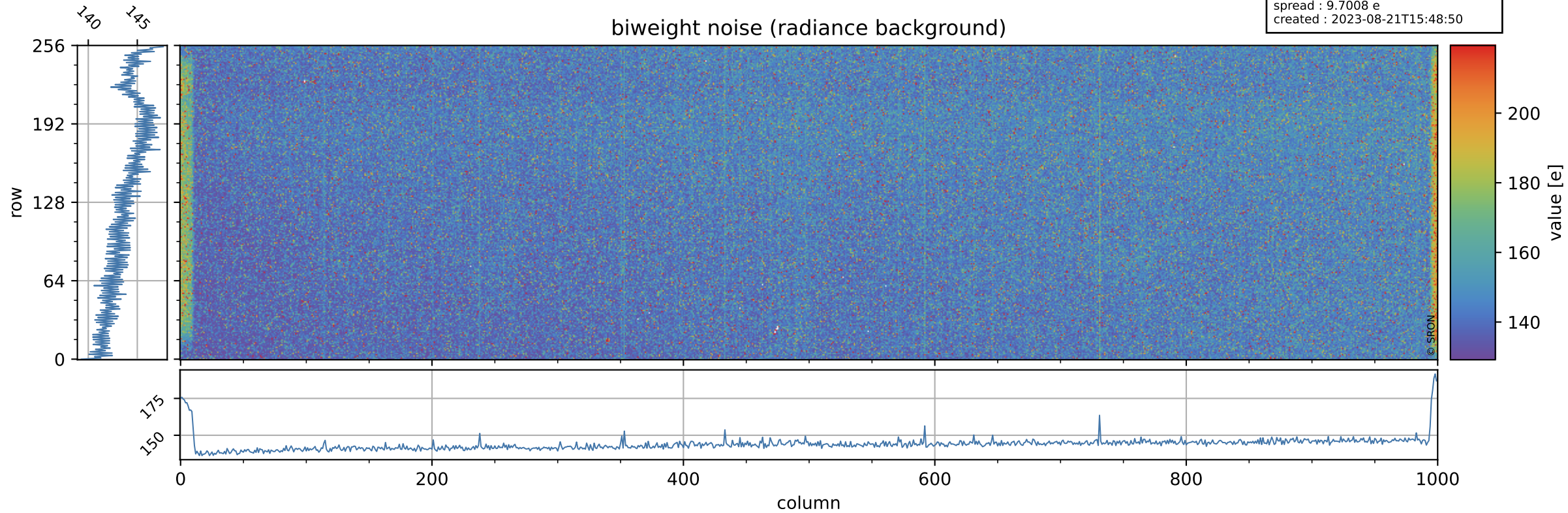
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16552, 16642]
coverage : 2020-12-23 / 2020-12-28
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7008 e
created : 2023-08-21T15:48:50

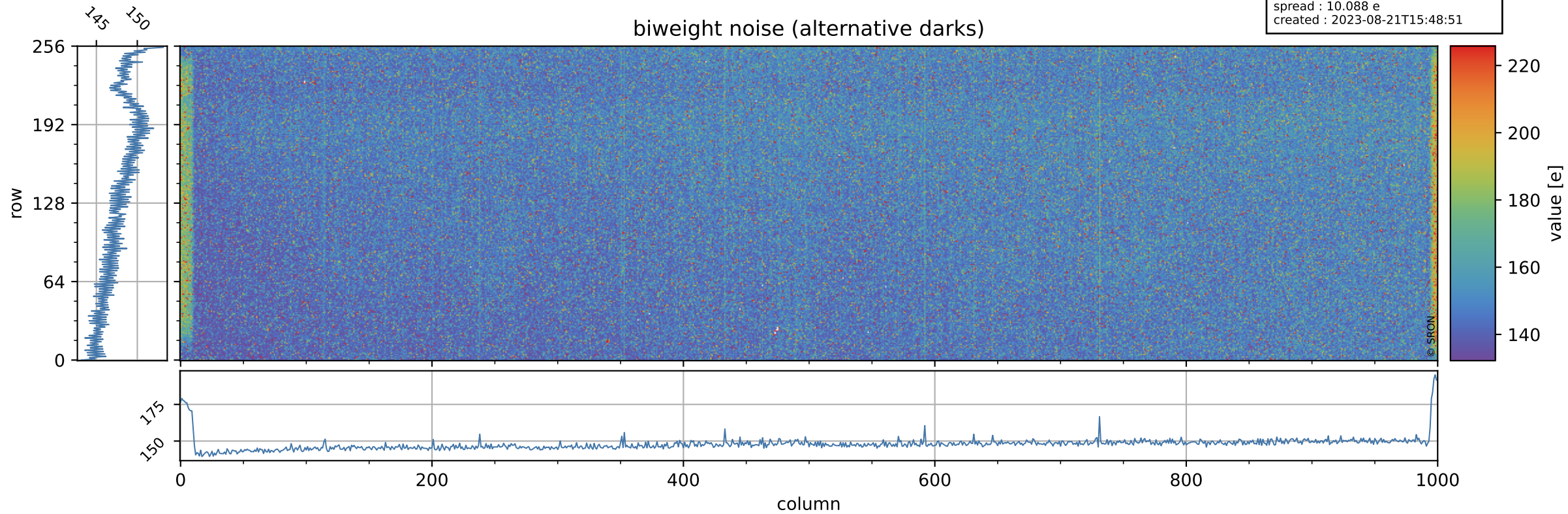
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16552, 16642]
coverage : 2020-12-23 / 2020-12-28
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.088 e
created : 2023-08-21T15:48:51

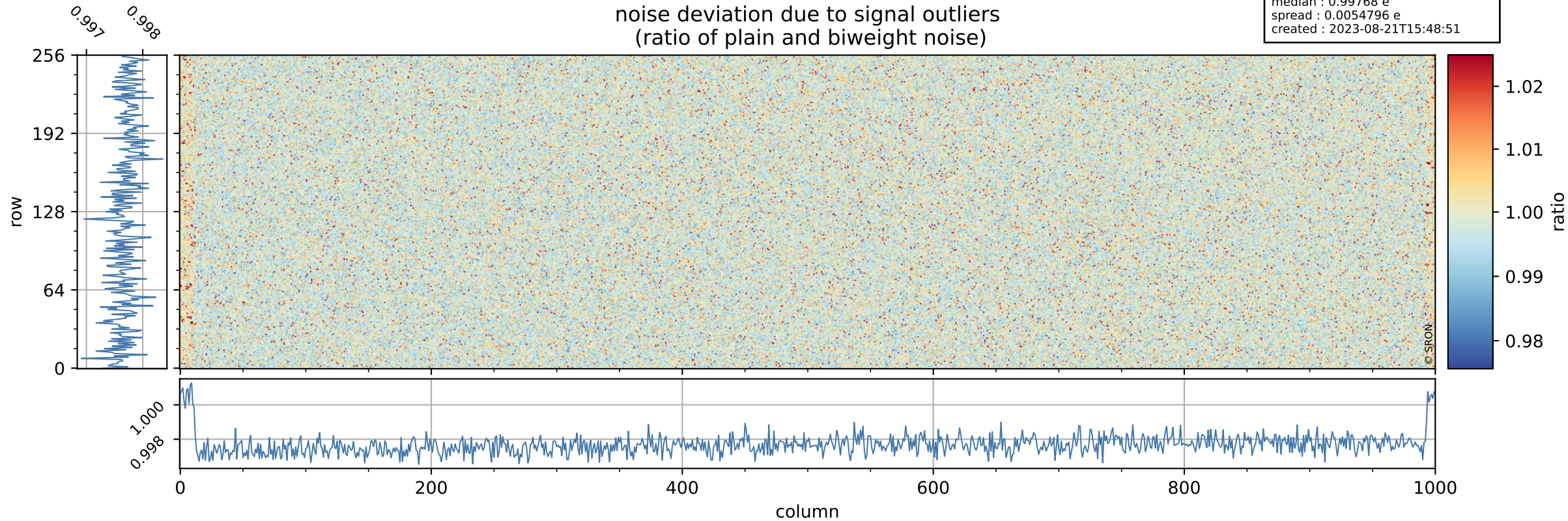
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

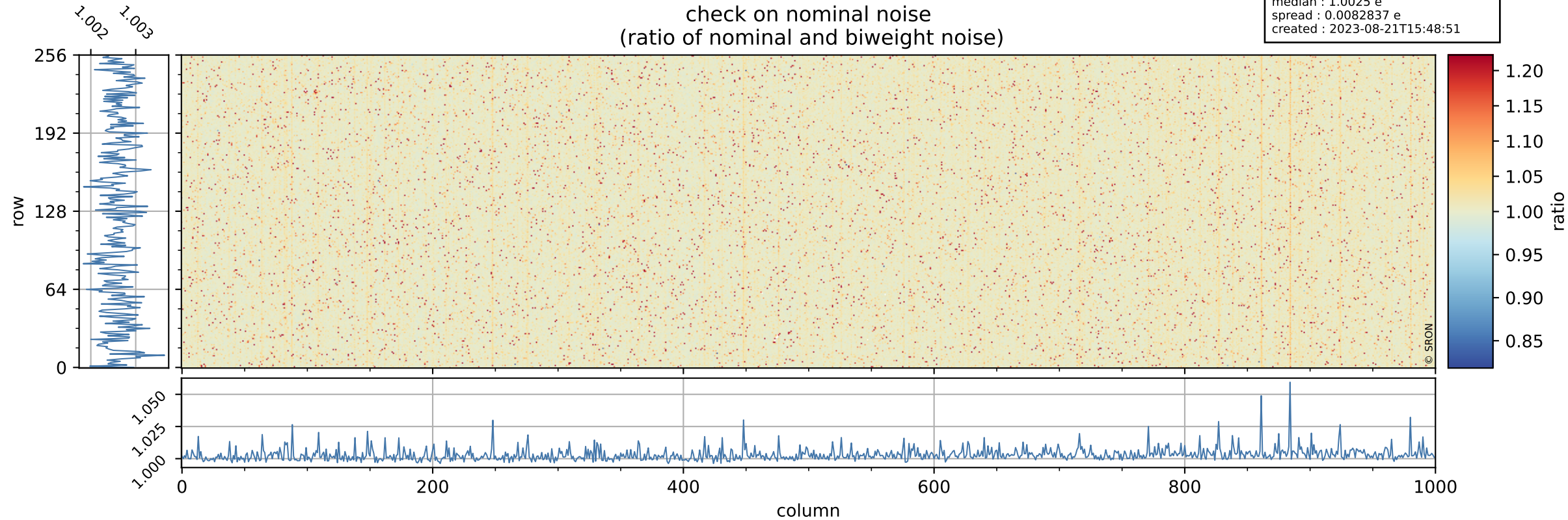
orbits : 12 in [16552, 16642]
coverage : 2020-12-23 / 2020-12-28
median : 0.99768 e
spread : 0.0054796 e
created : 2023-08-21T15:48:51



Tropomi SWIR background noise (swir)

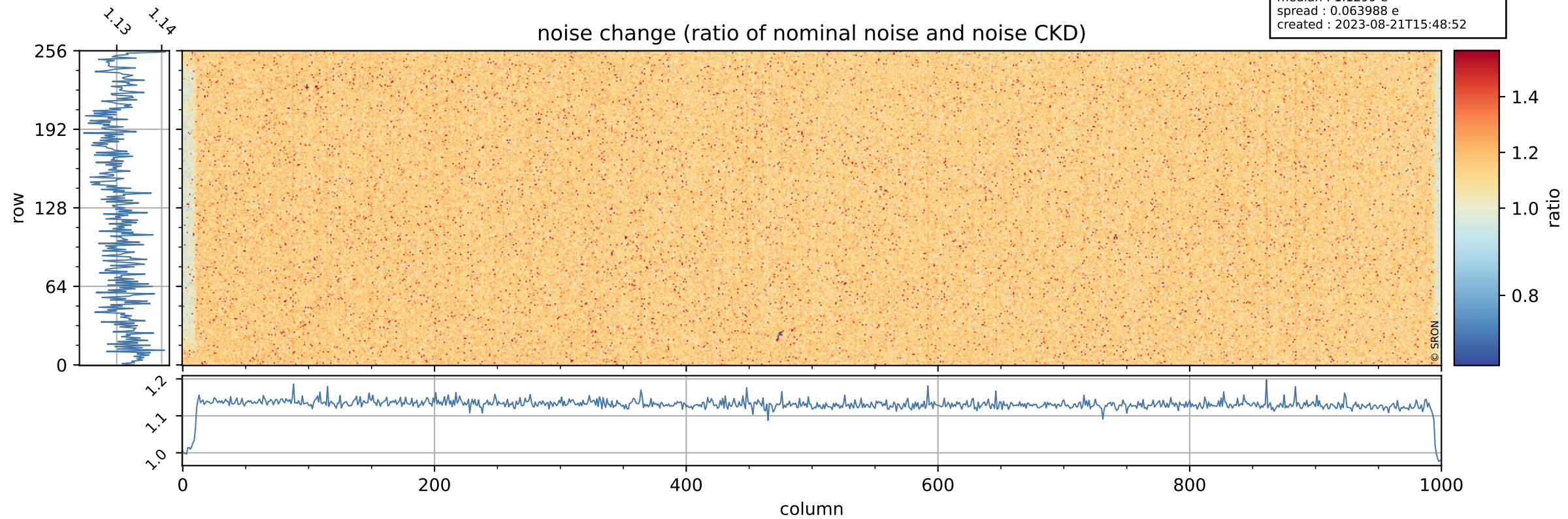
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16552, 16642]
coverage : 2020-12-23 / 2020-12-28
median : 1.0025 e
spread : 0.0082837 e
created : 2023-08-21T15:48:51



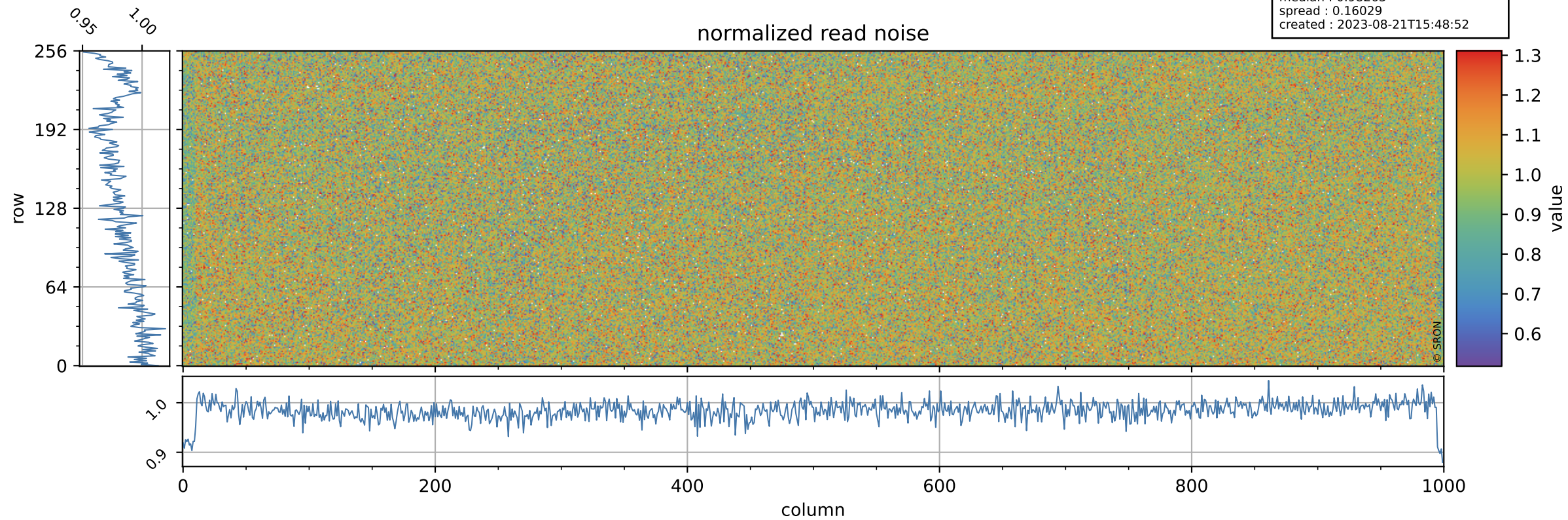
Tropomi SWIR background noise (swir)

orbits : 12 in [16552, 16642]
coverage : 2020-12-23 / 2020-12-28
median : 1.1299 e
spread : 0.063988 e
created : 2023-08-21T15:48:52



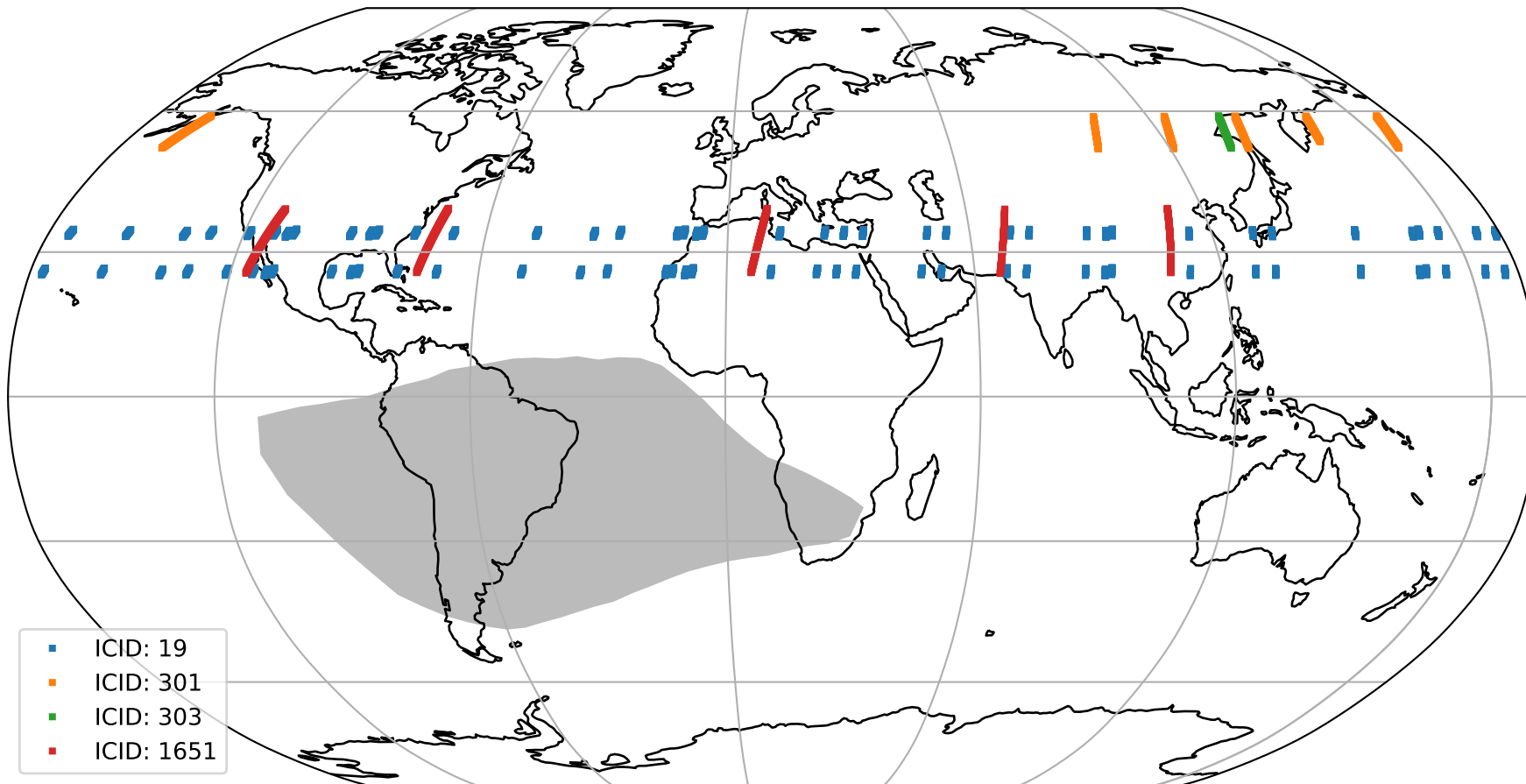
Tropomi SWIR background noise (swir)

orbits : 12 in [16552, 16642]
coverage : 2020-12-23 / 2020-12-28
median : 0.98263
spread : 0.16029
created : 2023-08-21T15:48:52



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

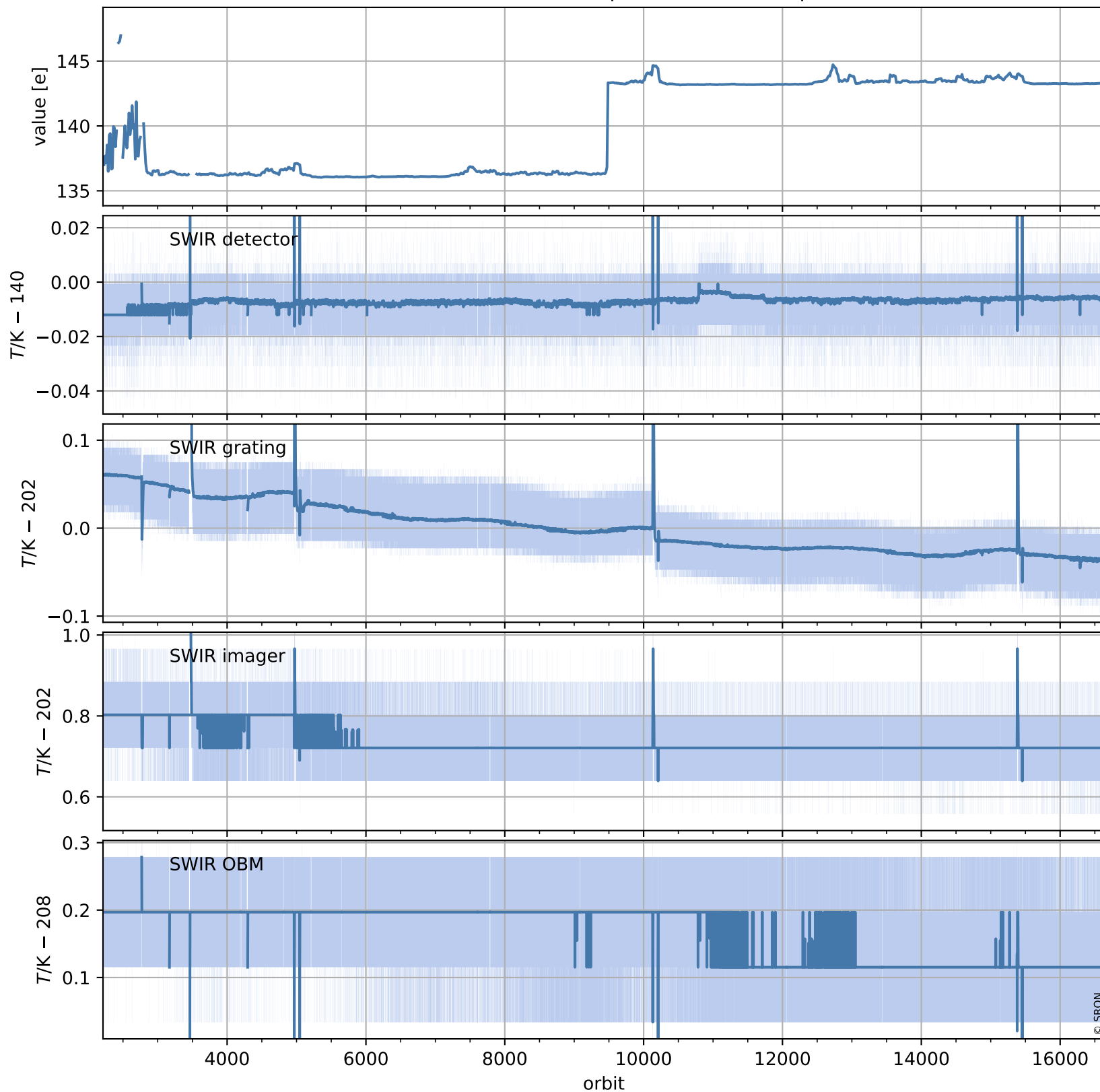
orbits : 12 in [16552, 16642]
coverage : 2020-12-23 / 2020-12-28
created : 2023-08-21T15:48:52



Tropomi SWIR background noise (swir)

orbits : [2212, 16642]
coverage : 2018-03-18 / 2020-12-28
created : 2023-08-21T15:48:53

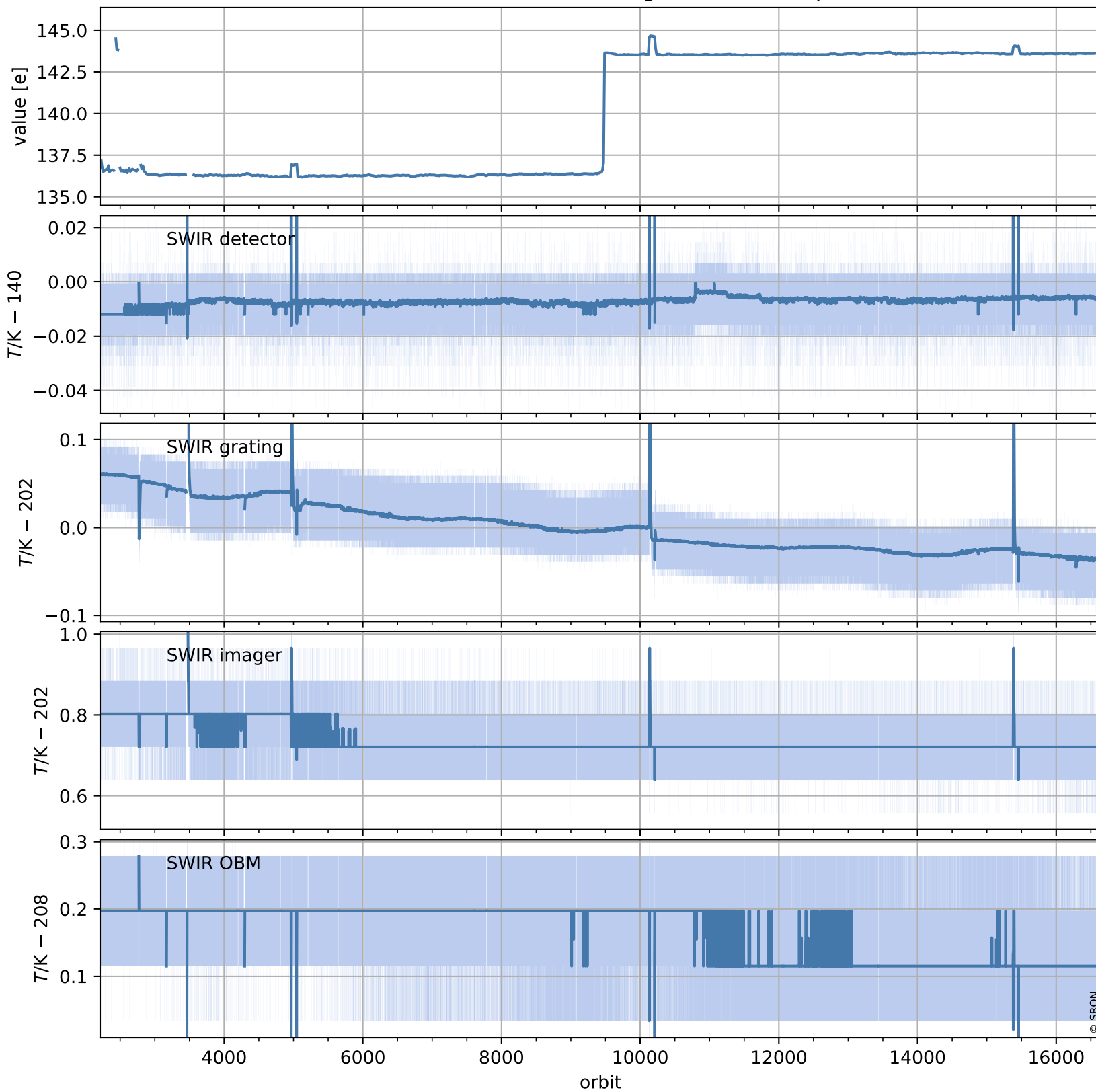
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16642]
coverage : 2018-03-18 / 2020-12-28
created : 2023-08-21T15:48:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16642]
coverage : 2018-03-18 / 2020-12-28
created : 2023-08-21T15:48:54

trend of normalized read-noise & temperatures

