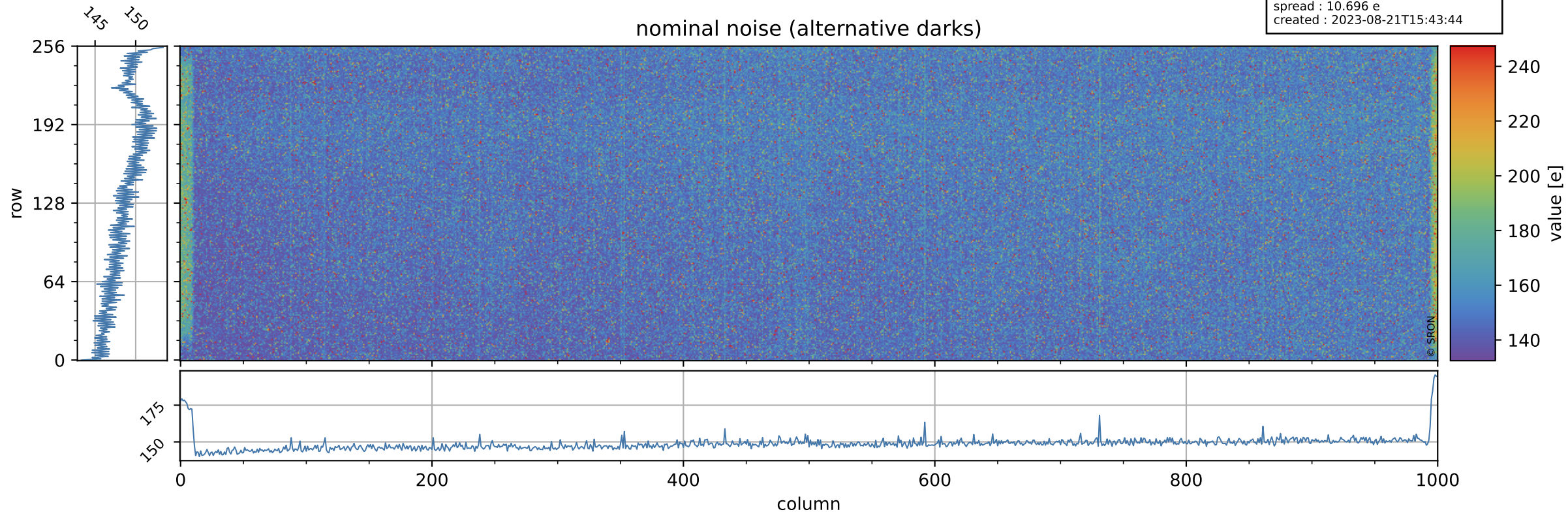


Tropomi SWIR background noise (swir)

orbits : 12 in [15652, 15742]
coverage : 2020-10-21 / 2020-10-26
n_coad, t_exp : 1, 1.0783
median : 148.54 e
spread : 10.696 e
created : 2023-08-21T15:43:44

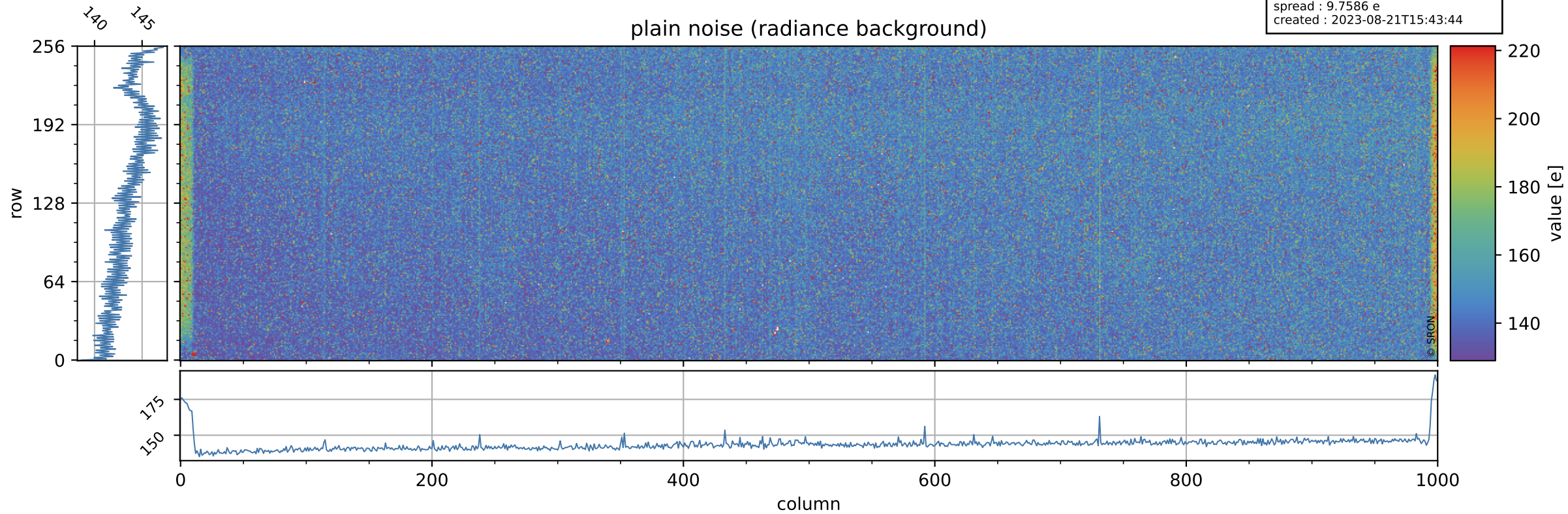
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15652, 15742]
coverage : 2020-10-21 / 2020-10-26
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7586 e
created : 2023-08-21T15:43:44

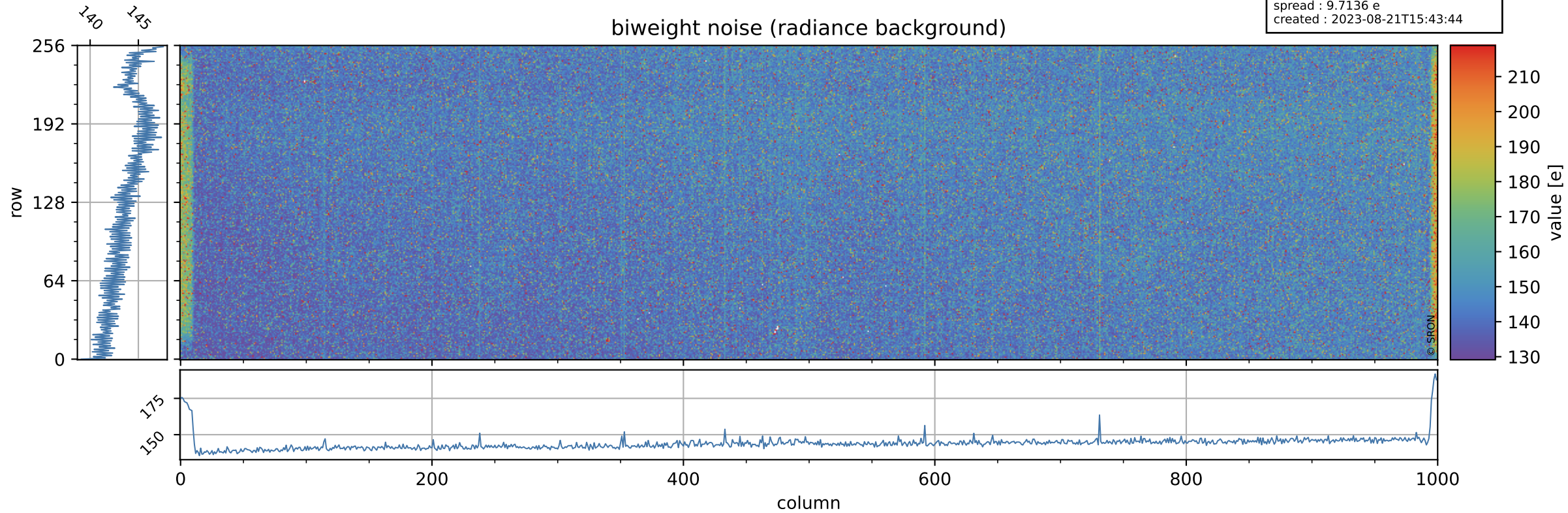
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15652, 15742]
coverage : 2020-10-21 / 2020-10-26
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.7136 e
created : 2023-08-21T15:43:44

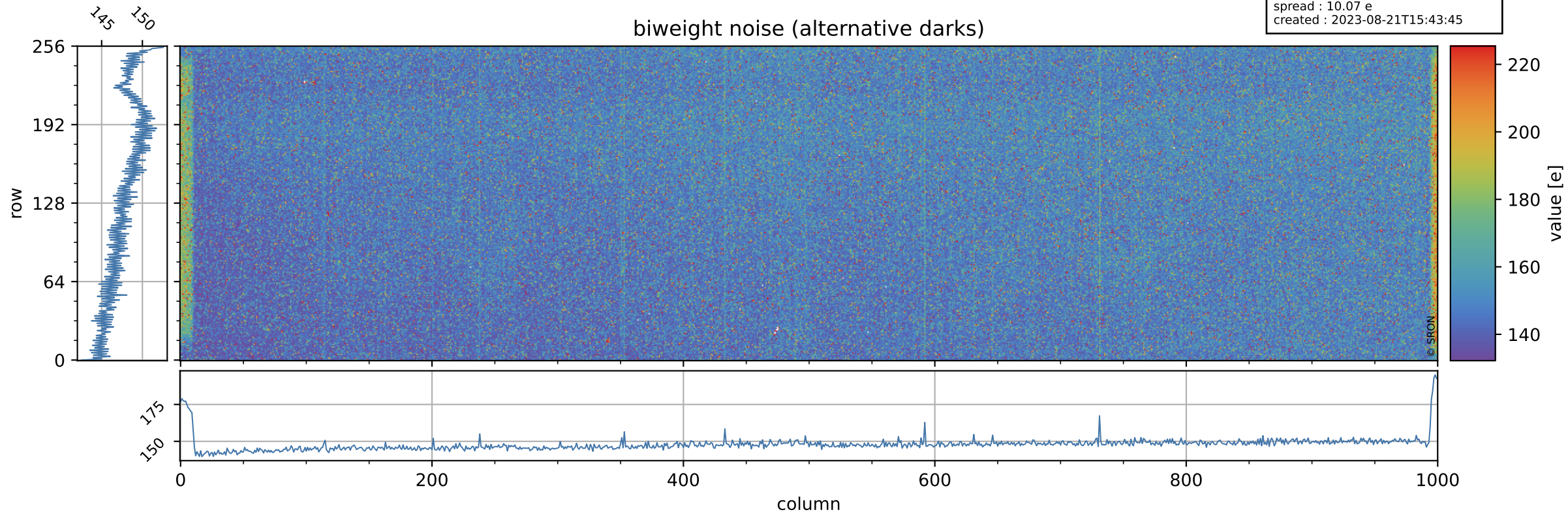
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15652, 15742]
coverage : 2020-10-21 / 2020-10-26
n_coad, t_exp : 1, 1.0783
median : 147.69 e
spread : 10.07 e
created : 2023-08-21T15:43:45

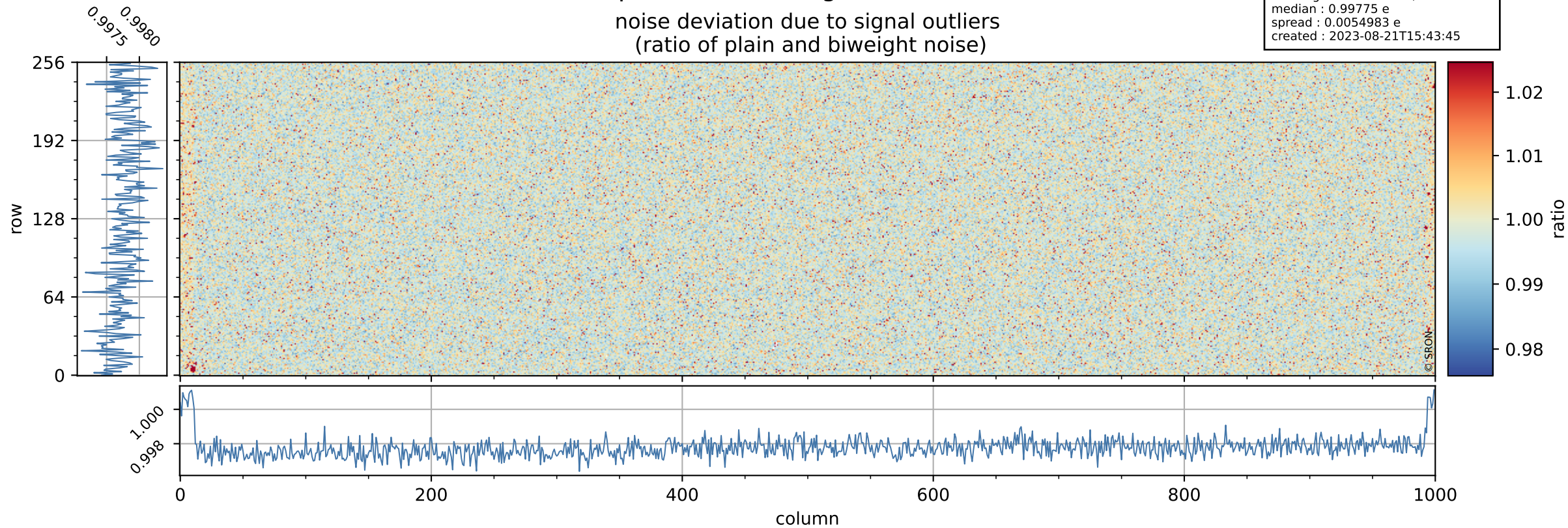
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

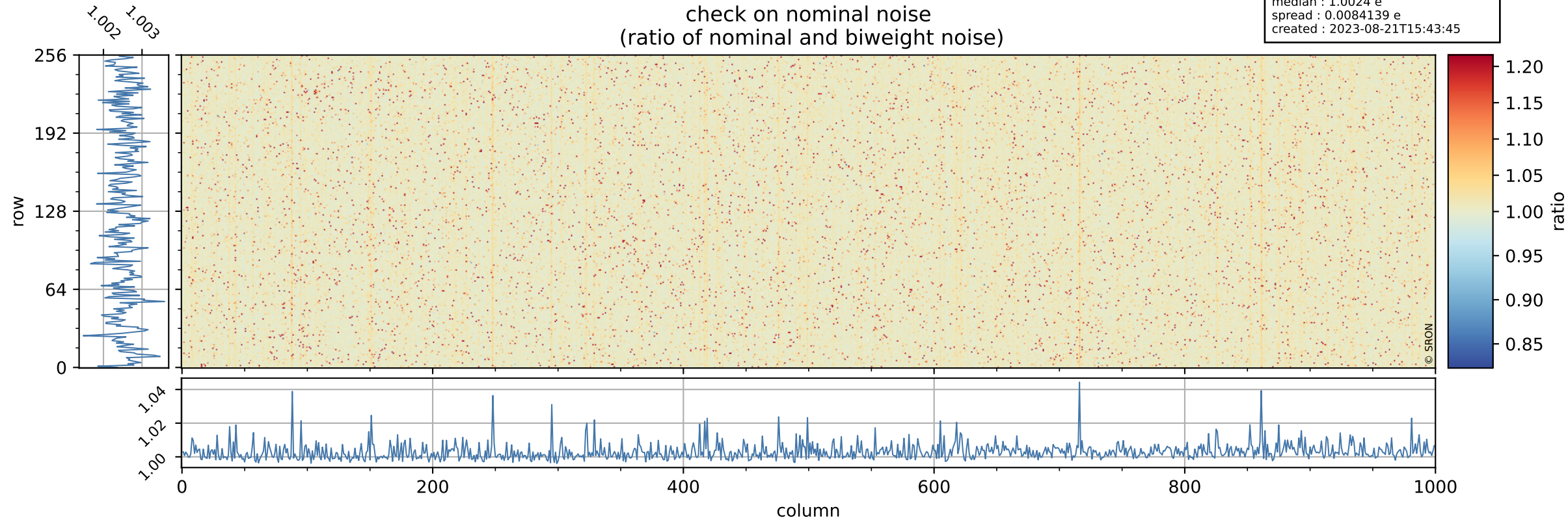
orbits : 12 in [15652, 15742]
coverage : 2020-10-21 / 2020-10-26
median : 0.99775 e
spread : 0.0054983 e
created : 2023-08-21T15:43:45



Tropomi SWIR background noise (swir)

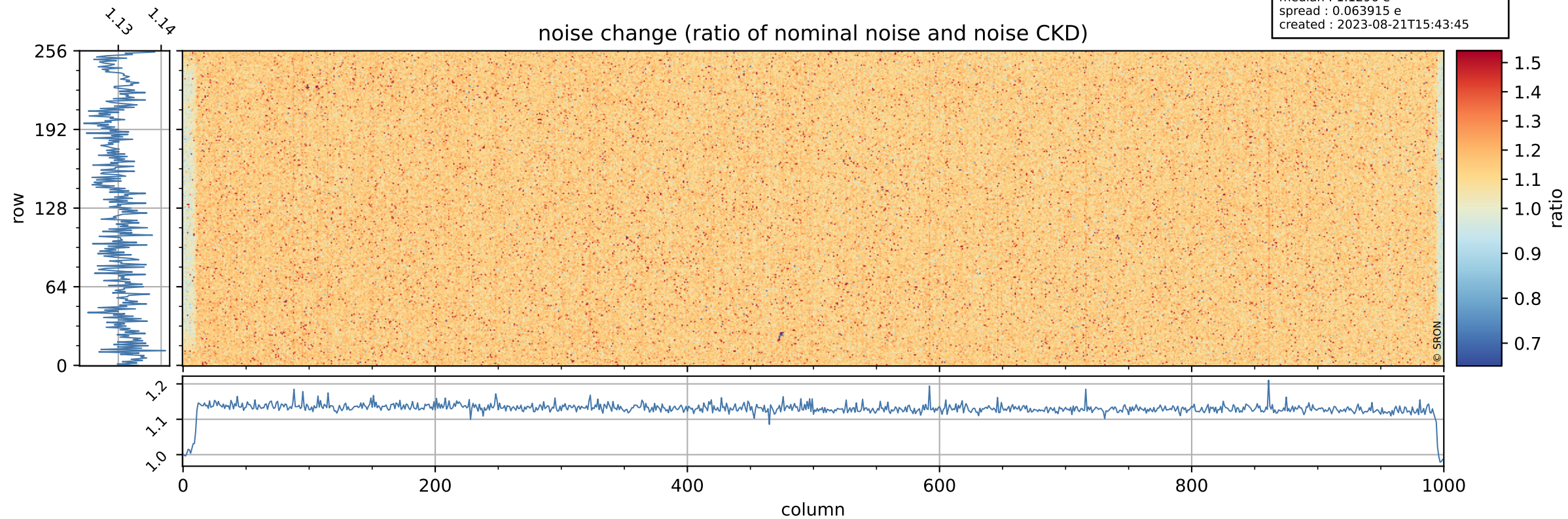
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15652, 15742]
coverage : 2020-10-21 / 2020-10-26
median : 1.0024 e
spread : 0.0084139 e
created : 2023-08-21T15:43:45



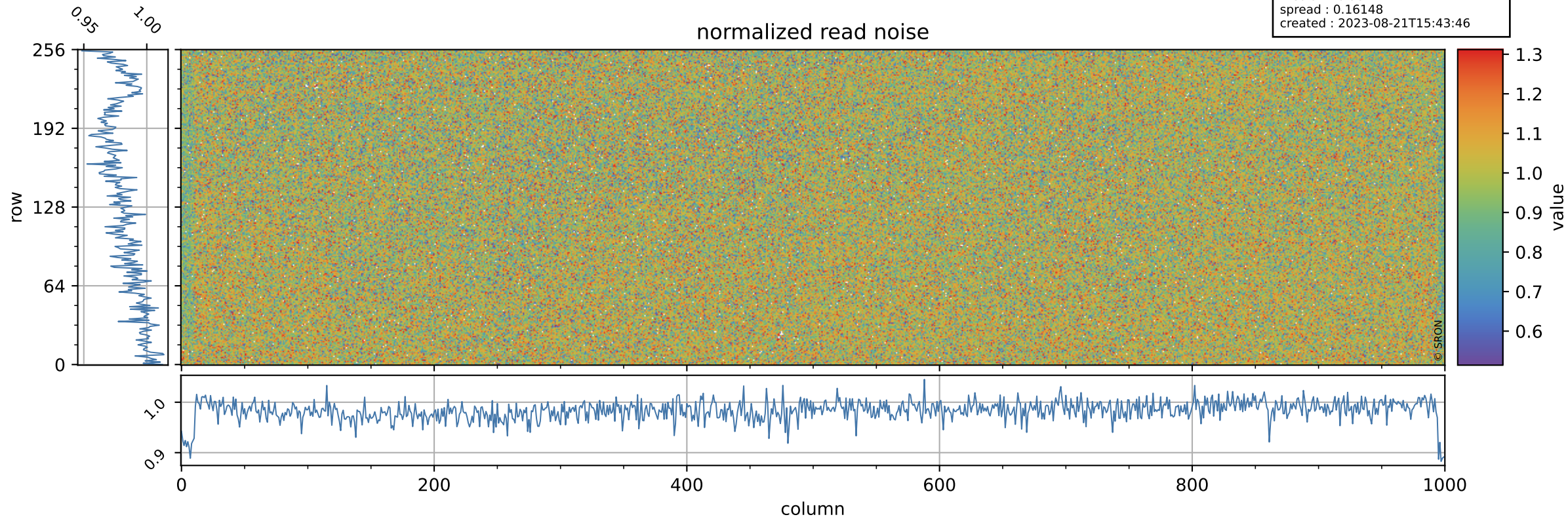
Tropomi SWIR background noise (swir)

orbits : 12 in [15652, 15742]
coverage : 2020-10-21 / 2020-10-26
median : 1.1296 e
spread : 0.063915 e
created : 2023-08-21T15:43:45



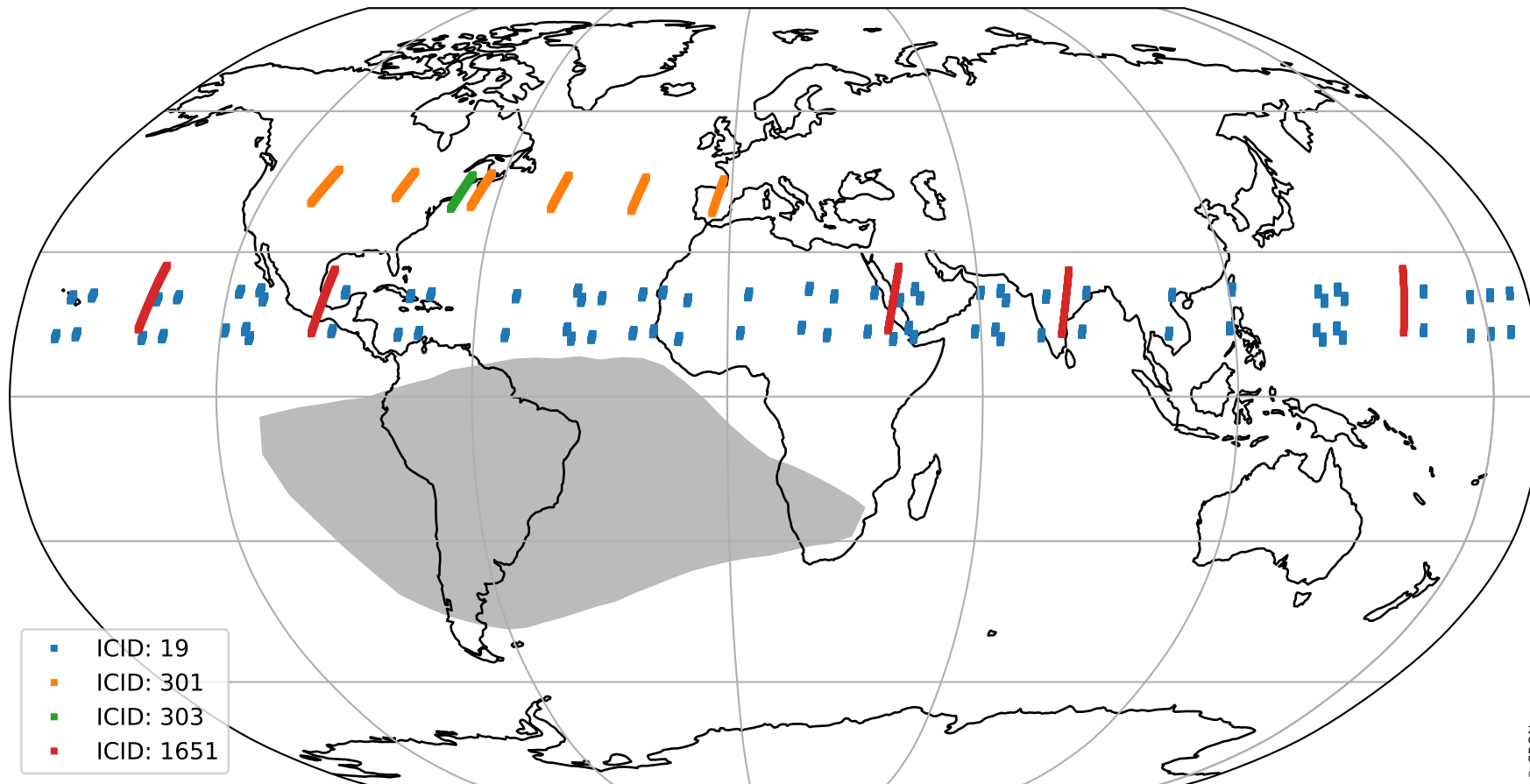
Tropomi SWIR background noise (swir)

orbits : 12 in [15652, 15742]
coverage : 2020-10-21 / 2020-10-26
median : 0.98221
spread : 0.16148
created : 2023-08-21T15:43:46



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

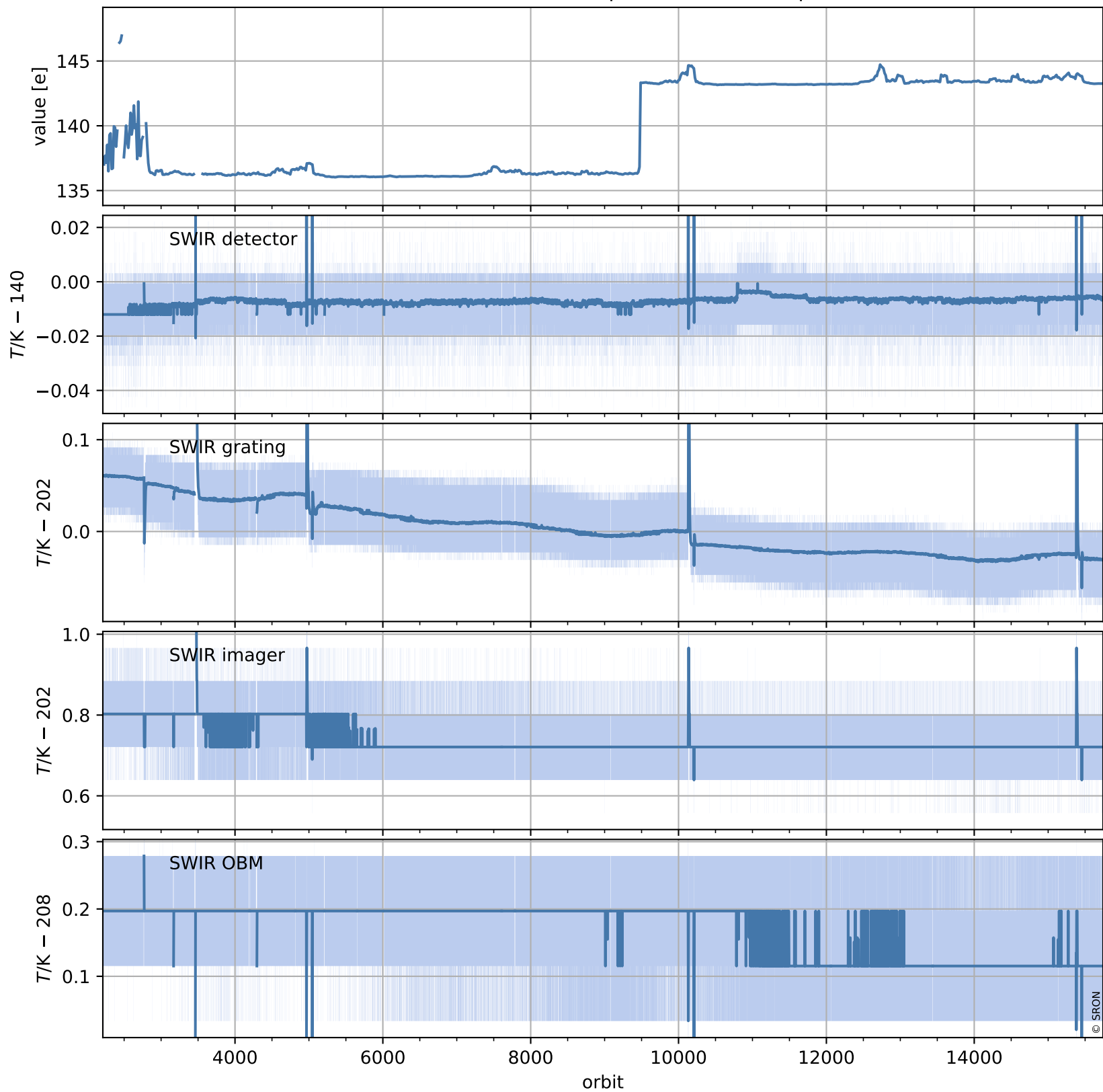
orbits : 12 in [15652, 15742]
coverage : 2020-10-21 / 2020-10-26
created : 2023-08-21T15:43:46



Tropomi SWIR background noise (swir)

orbits : [2212, 15742]
coverage : 2018-03-18 / 2020-10-26
created : 2023-08-21T15:43:46

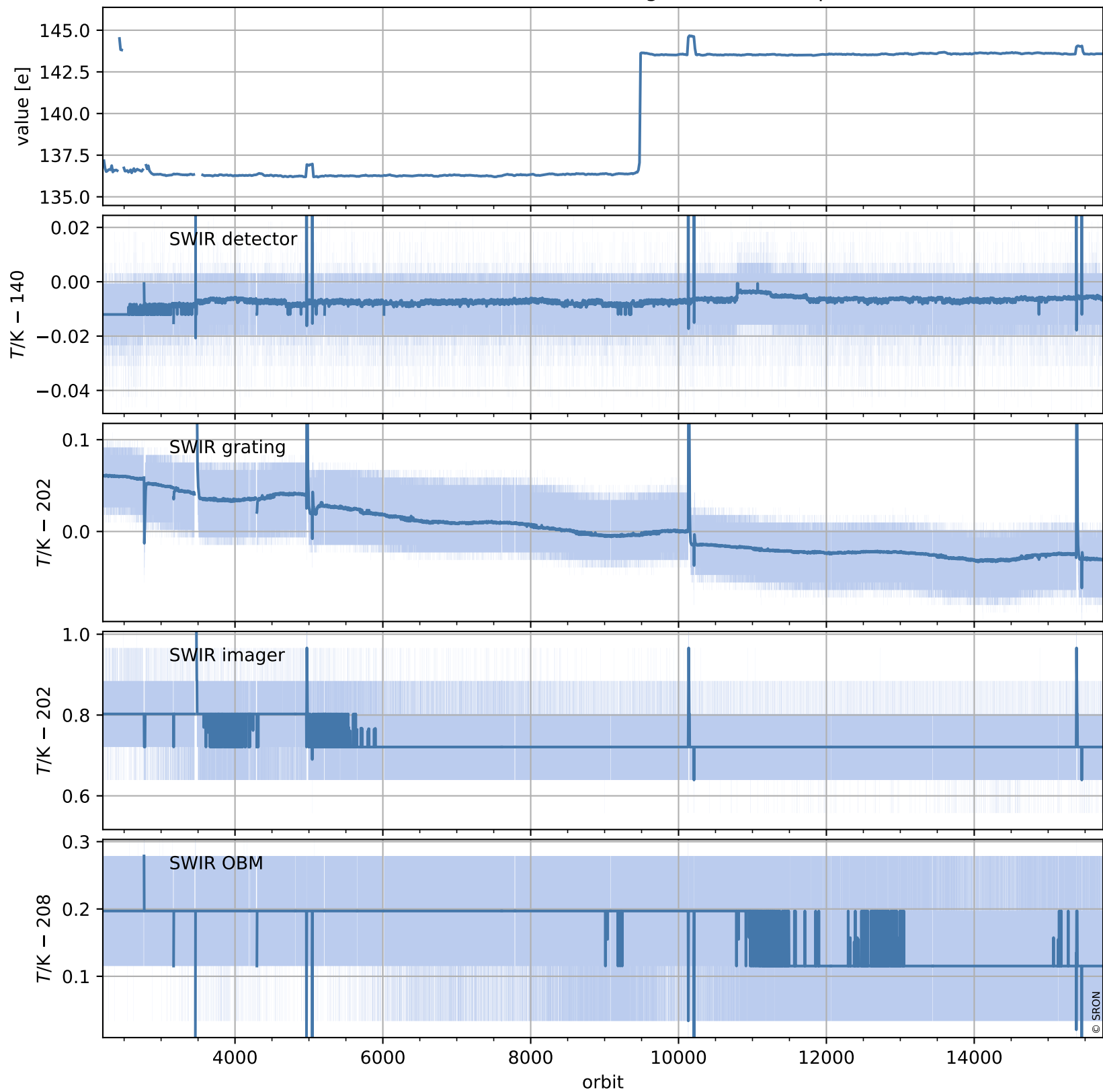
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15742]
coverage : 2018-03-18 / 2020-10-26
created : 2023-08-21T15:43:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15742]
coverage : 2018-03-18 / 2020-10-26
created : 2023-08-21T15:43:48

trend of normalized read-noise & temperatures

