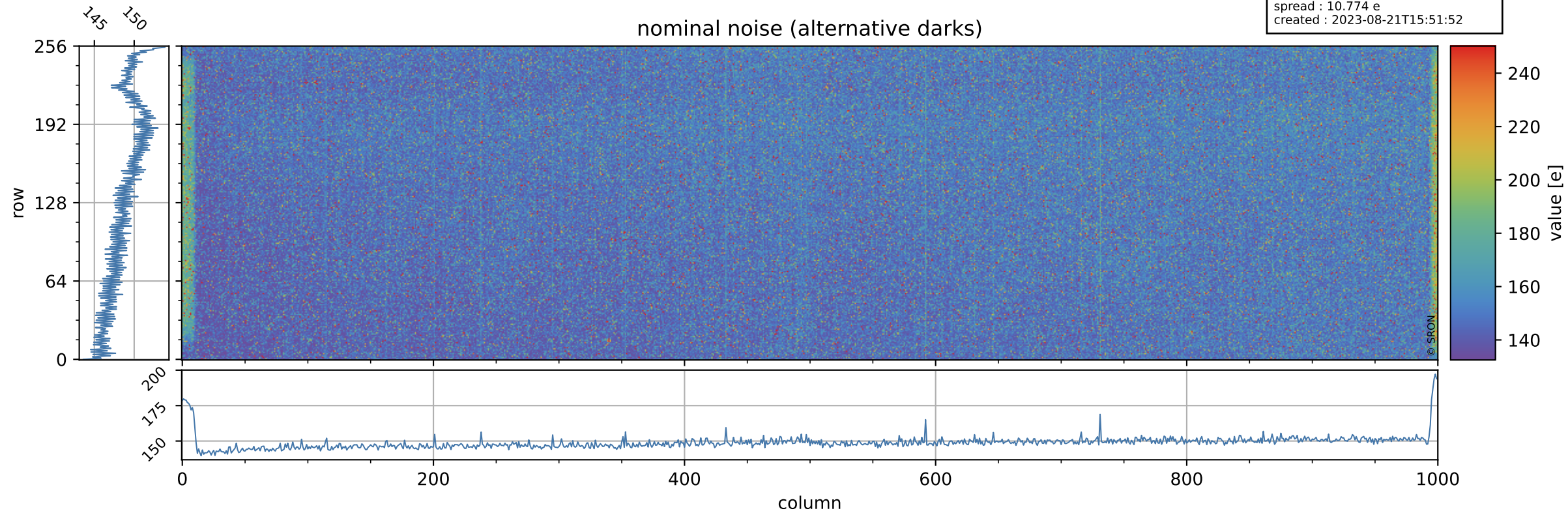


Tropomi SWIR background noise (swir)

orbits : 12 in [17077, 17167]
coverage : 2021-01-29 / 2021-02-04
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.774 e
created : 2023-08-21T15:51:52

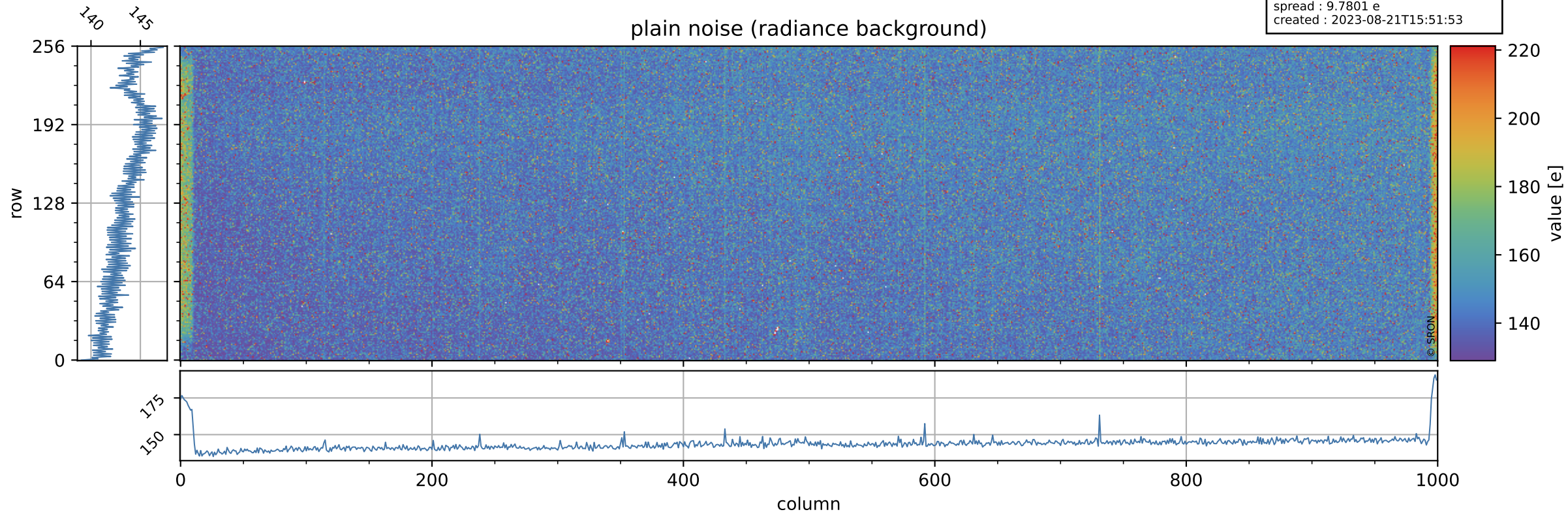
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17077, 17167]
coverage : 2021-01-29 / 2021-02-04
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7801 e
created : 2023-08-21T15:51:53

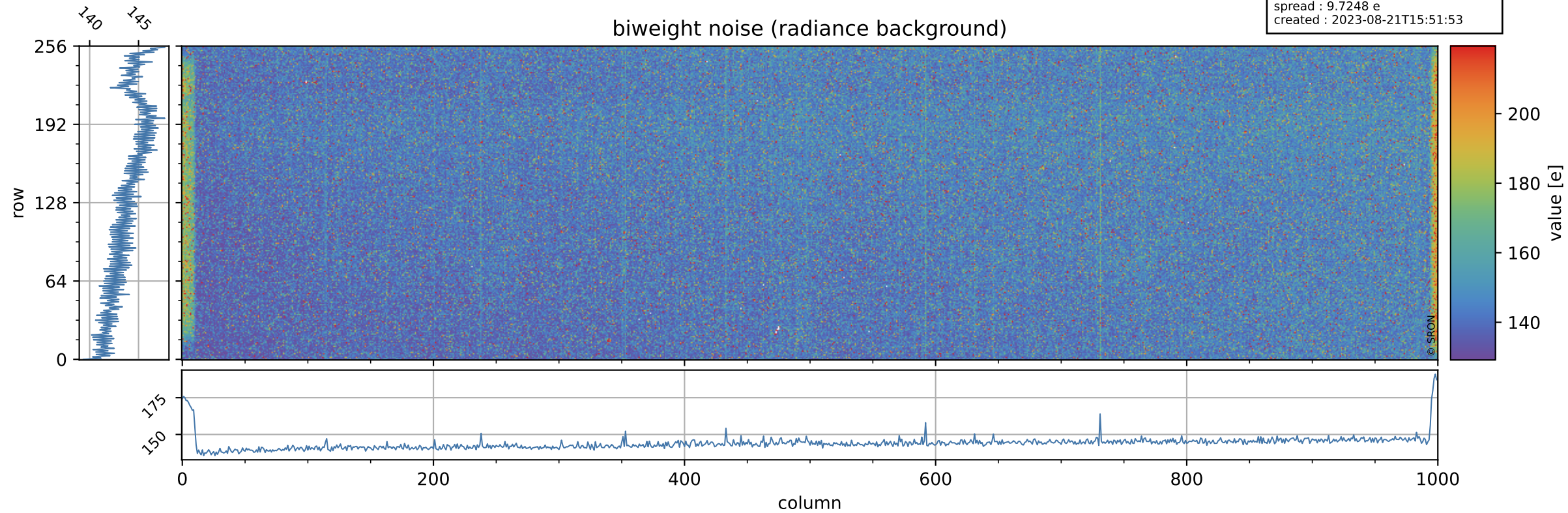
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17077, 17167]
coverage : 2021-01-29 / 2021-02-04
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7248 e
created : 2023-08-21T15:51:53

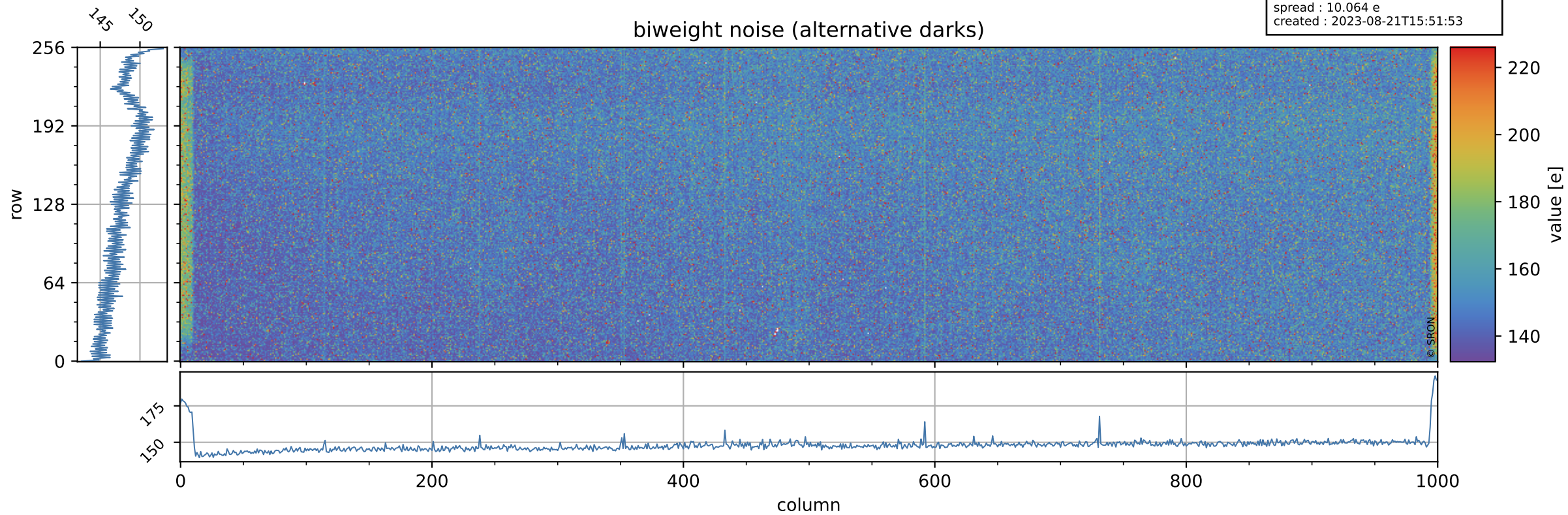
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17077, 17167]
coverage : 2021-01-29 / 2021-02-04
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.064 e
created : 2023-08-21T15:51:53

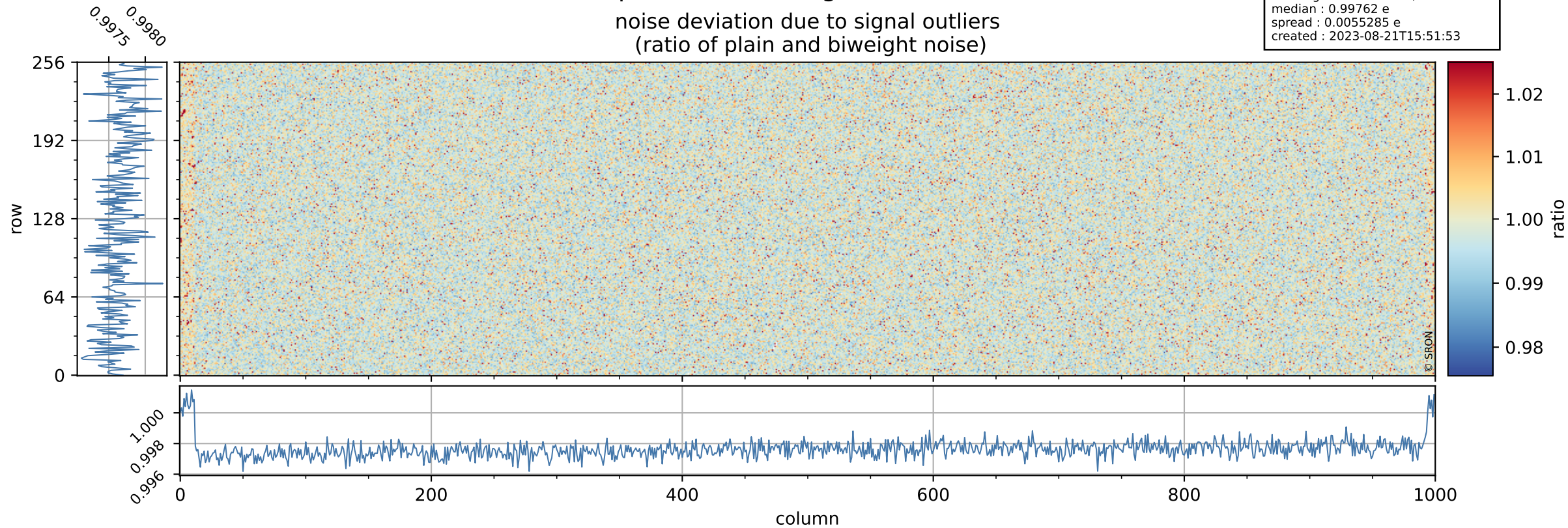
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

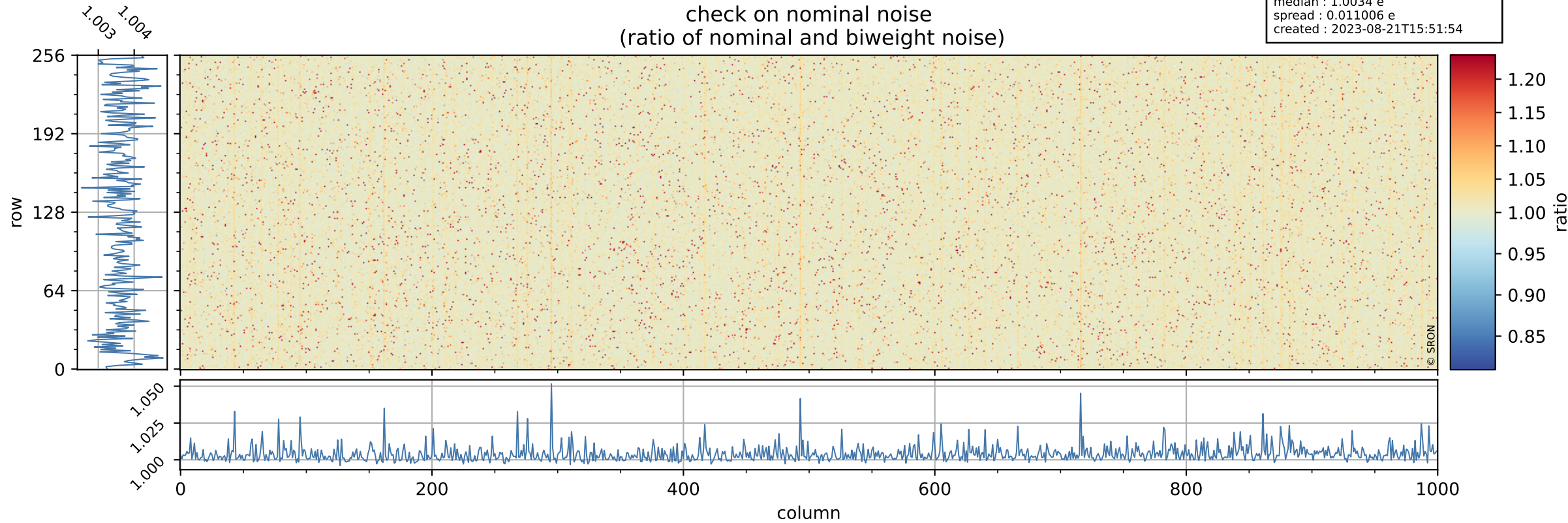
orbits : 12 in [17077, 17167]
coverage : 2021-01-29 / 2021-02-04
median : 0.99762 e
spread : 0.0055285 e
created : 2023-08-21T15:51:53



Tropomi SWIR background noise (swir)

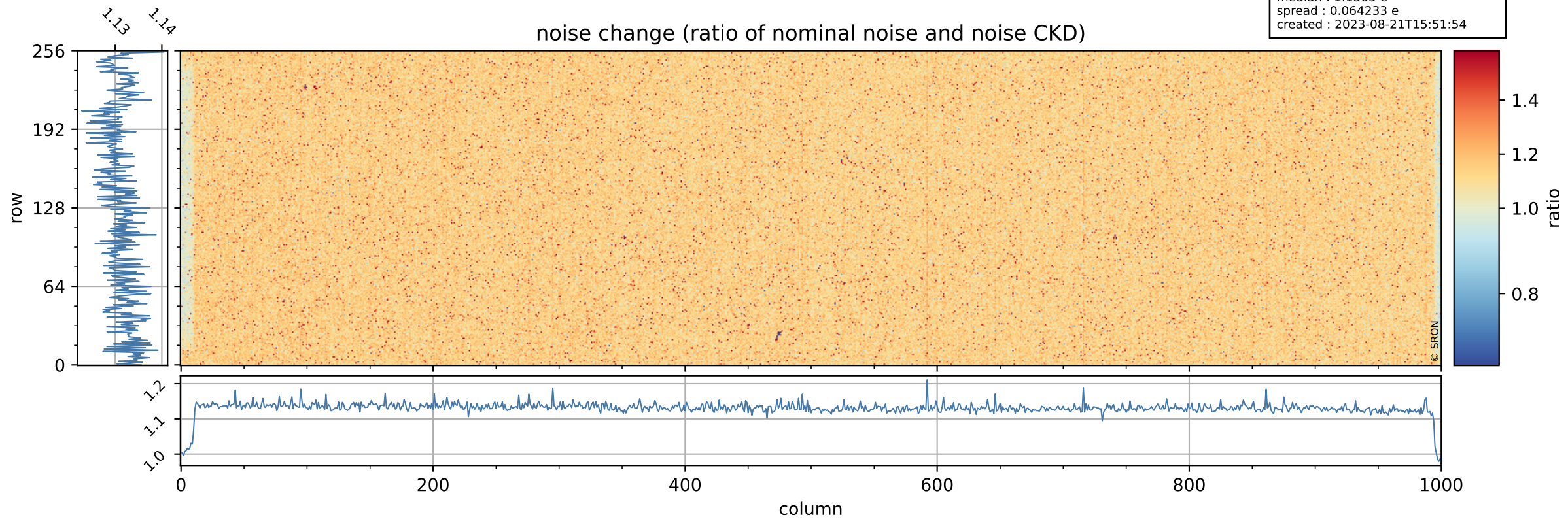
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17077, 17167]
coverage : 2021-01-29 / 2021-02-04
median : 1.0034 e
spread : 0.011006 e
created : 2023-08-21T15:51:54



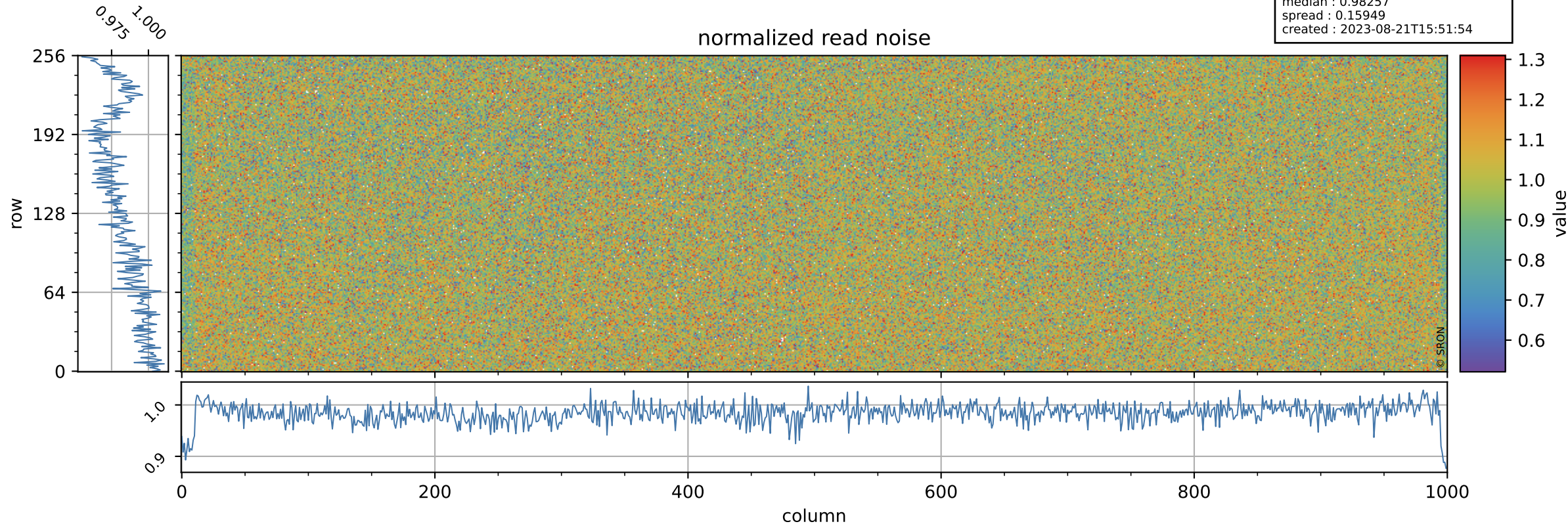
Tropomi SWIR background noise (swir)

orbits : 12 in [17077, 17167]
coverage : 2021-01-29 / 2021-02-04
median : 1.1305 e
spread : 0.064233 e
created : 2023-08-21T15:51:54



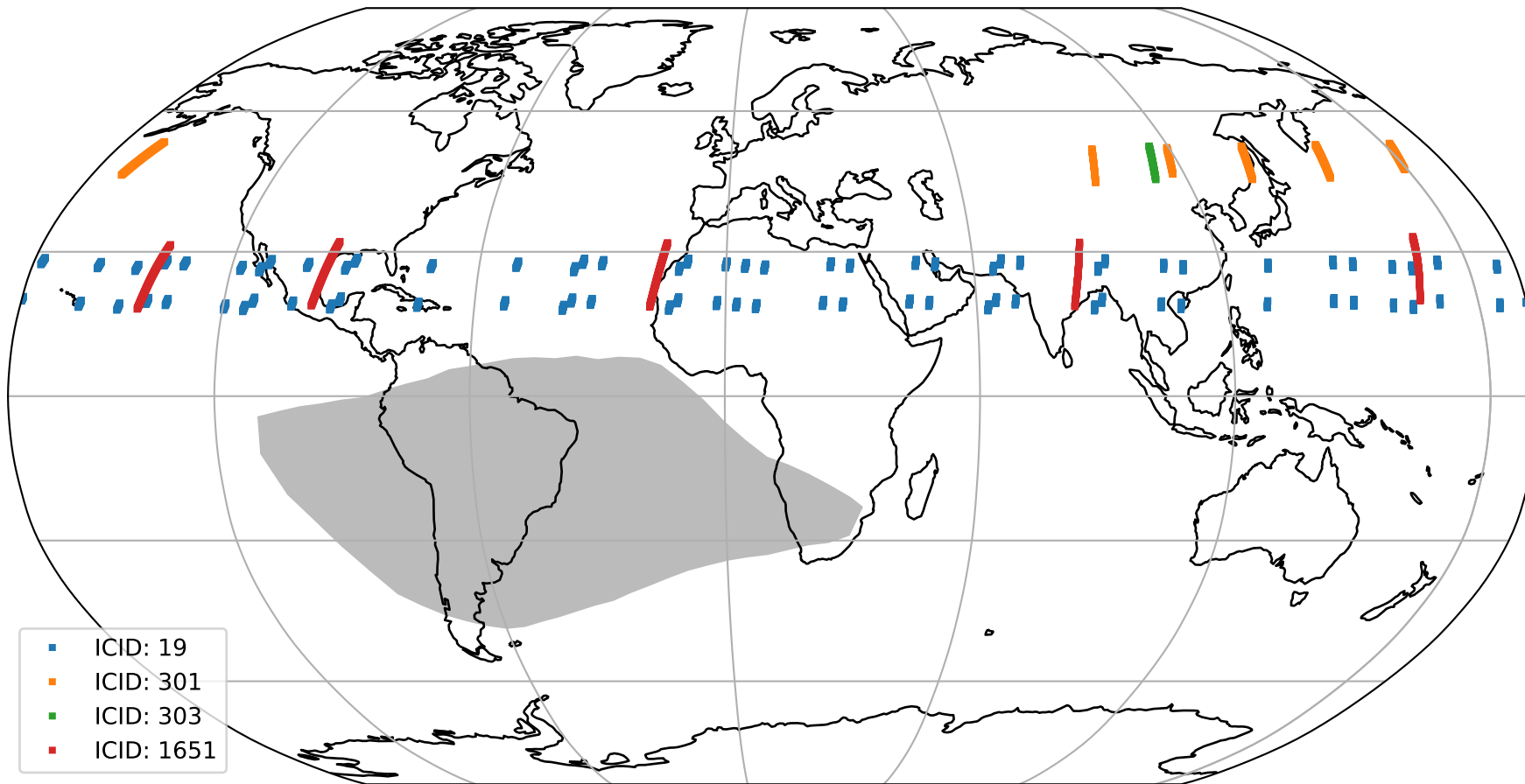
Tropomi SWIR background noise (swir)

orbits : 12 in [17077, 17167]
coverage : 2021-01-29 / 2021-02-04
median : 0.98257
spread : 0.15949
created : 2023-08-21T15:51:54



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

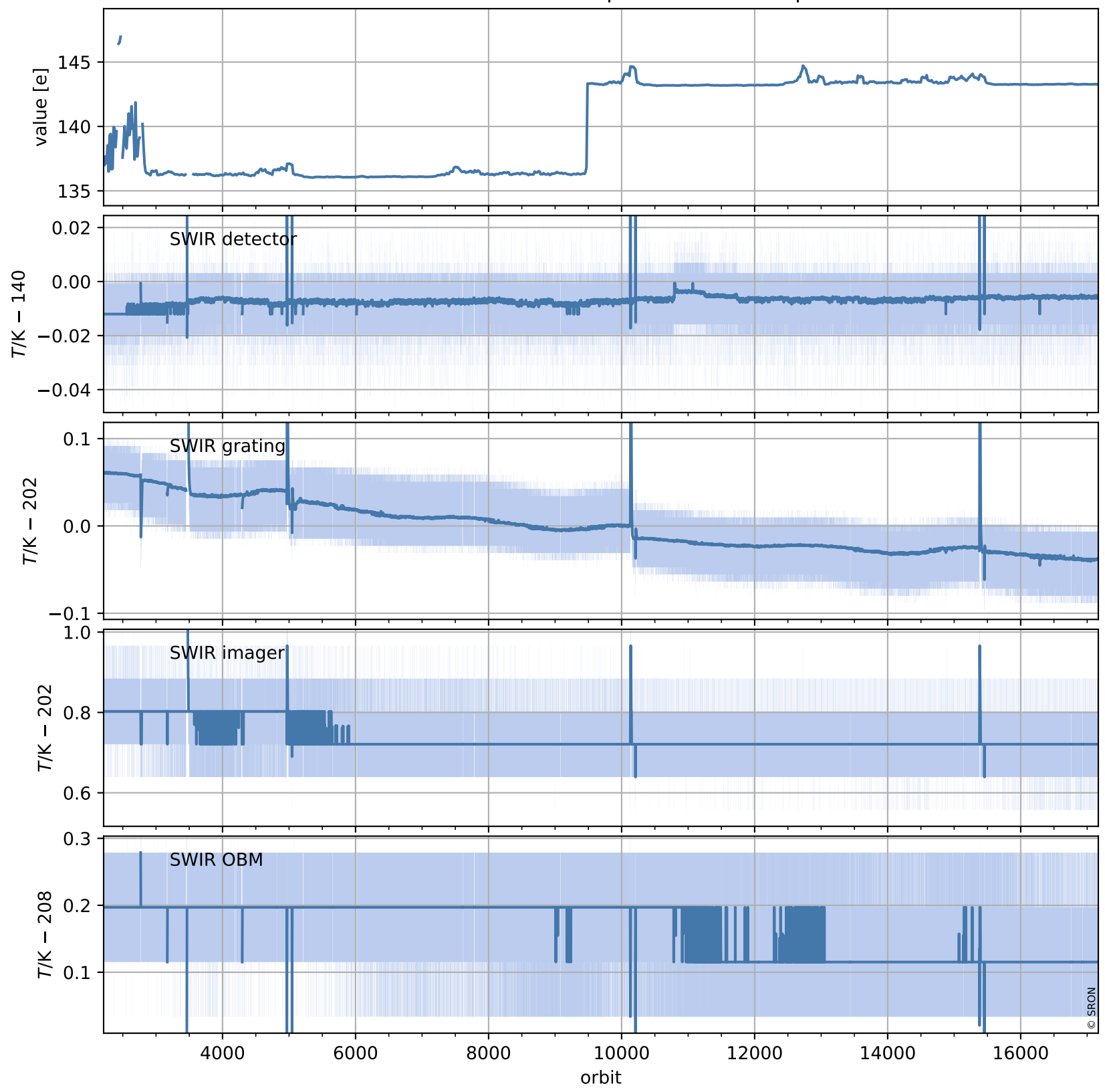
orbits : 12 in [17077, 17167]
coverage : 2021-01-29 / 2021-02-04
created : 2023-08-21T15:51:55



Tropomi SWIR background noise (swir)

orbits : [2212, 17167]
coverage : 2018-03-18 / 2021-02-04
created : 2023-08-21T15:51:55

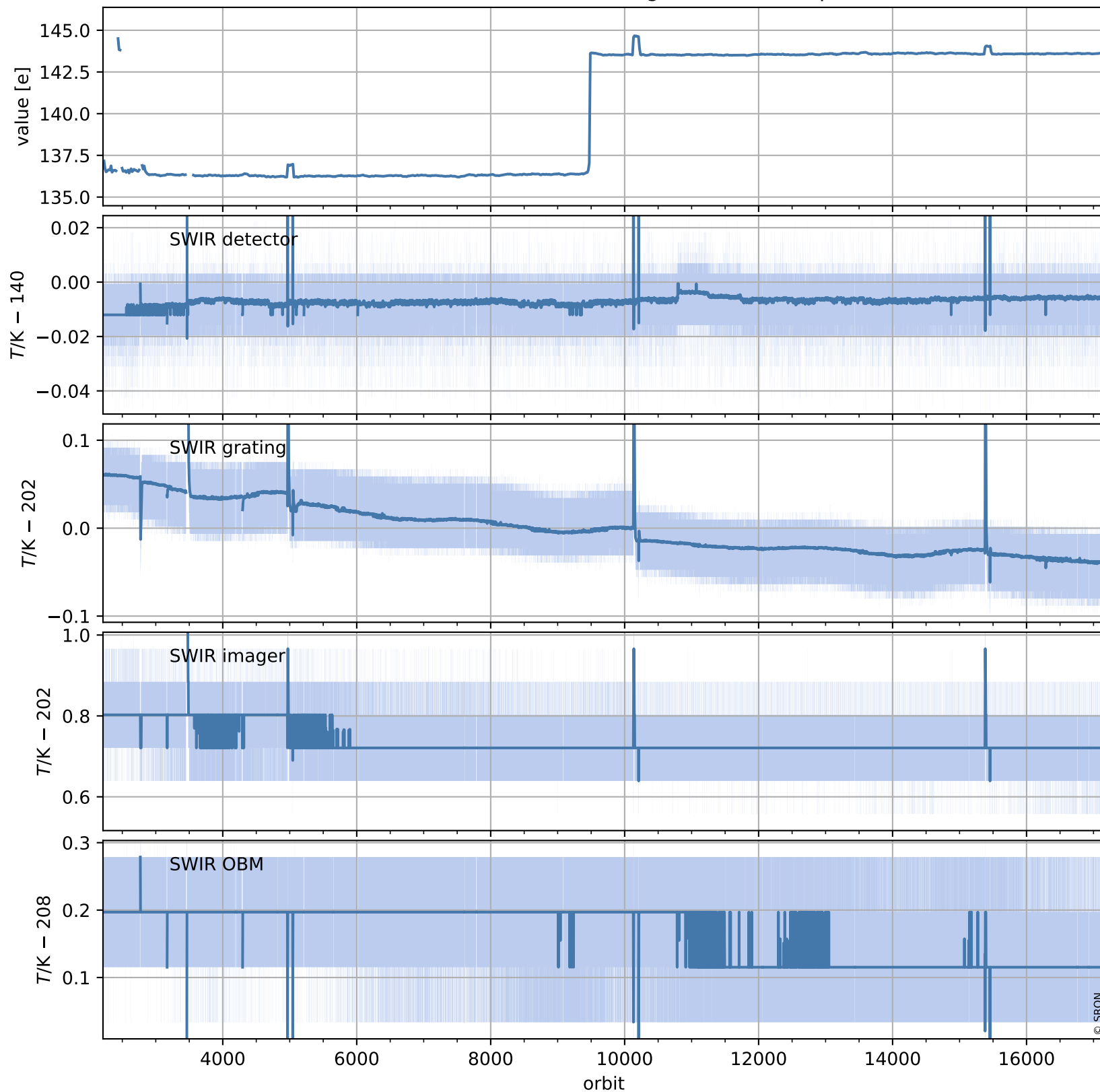
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17167]
coverage : 2018-03-18 / 2021-02-04
created : 2023-08-21T15:51:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17167]
coverage : 2018-03-18 / 2021-02-04
created : 2023-08-21T15:51:56

trend of normalized read-noise & temperatures

