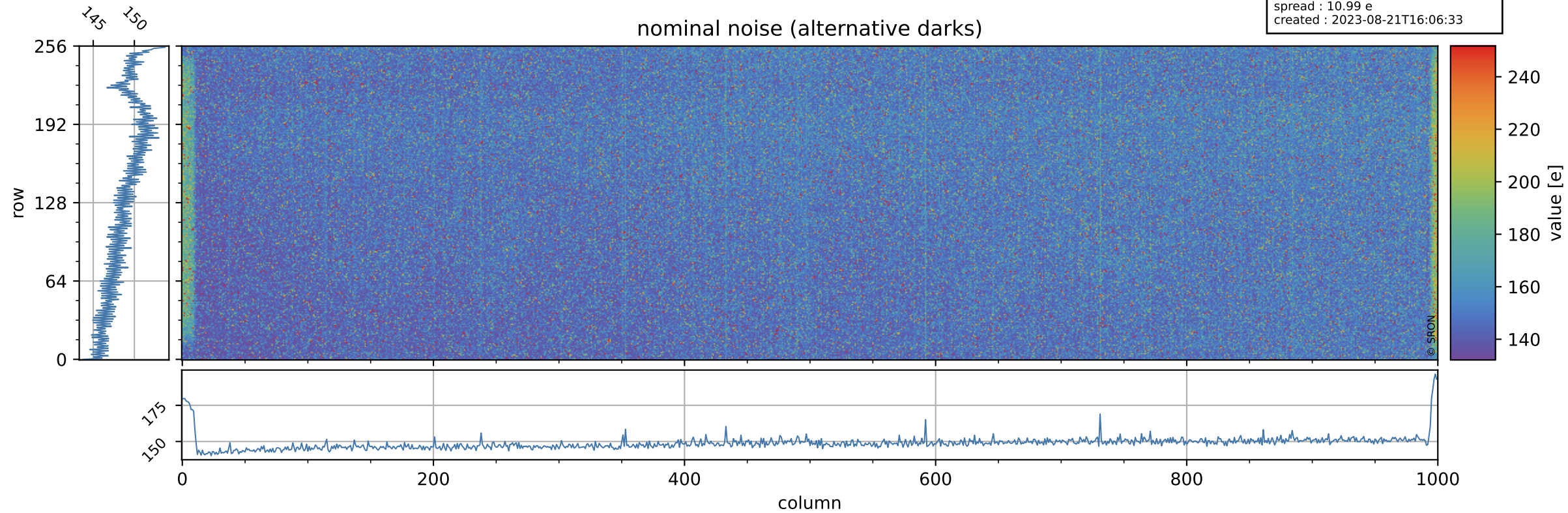


Tropomi SWIR background noise (swir)

orbits : 12 in [19567, 19642]
coverage : 2021-07-22 / 2021-07-28
n_coad, t_exp : 1, 1.0783
median : 148.67 e
spread : 10.99 e
created : 2023-08-21T16:06:33

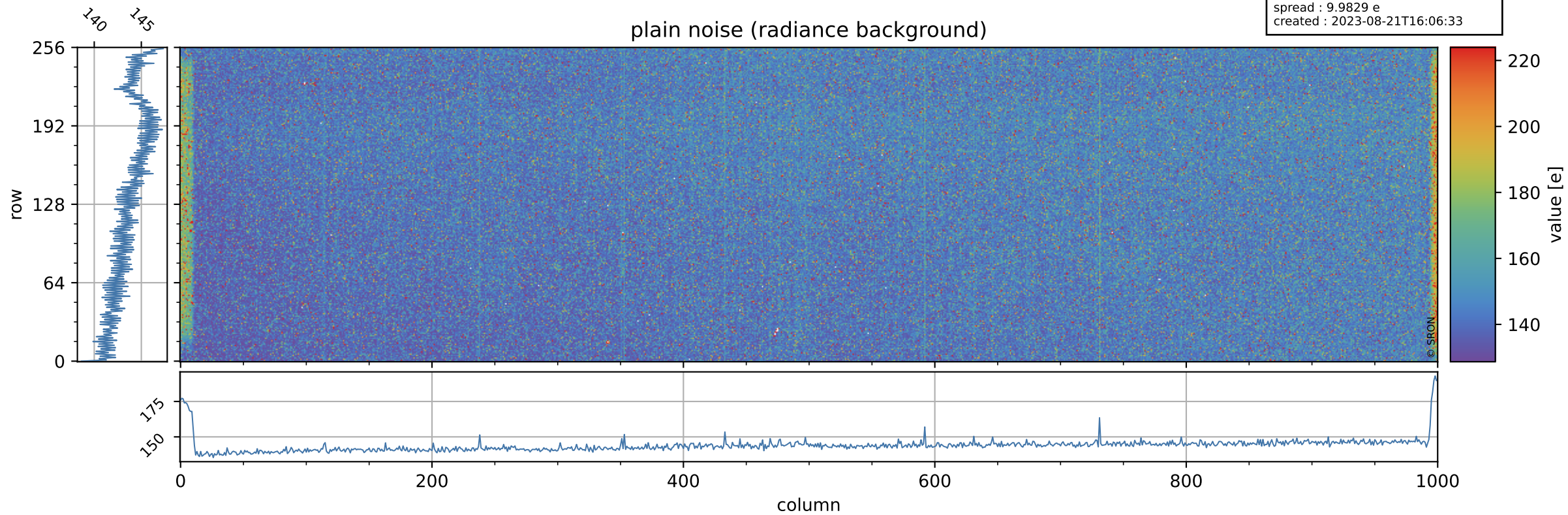
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19567, 19642]
coverage : 2021-07-22 / 2021-07-28
n_coad, t_exp : 1, 0.8383
median : 143.62 e
spread : 9.9829 e
created : 2023-08-21T16:06:33

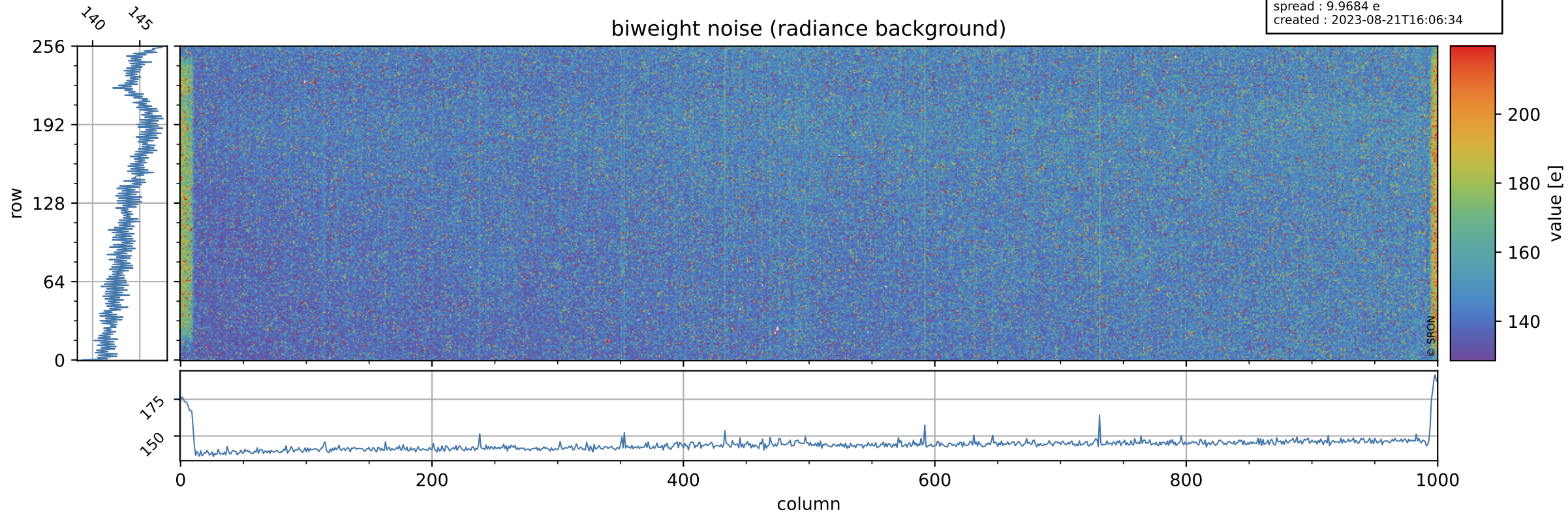
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19567, 19642]
coverage : 2021-07-22 / 2021-07-28
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9684 e
created : 2023-08-21T16:06:34

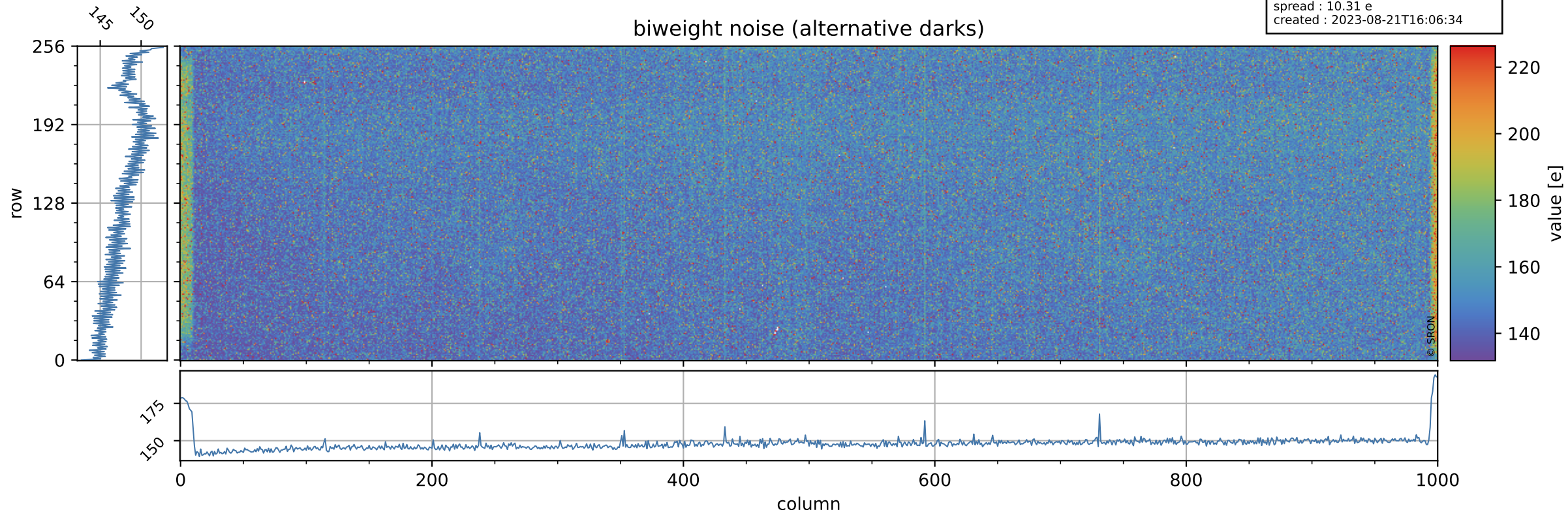
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19567, 19642]
coverage : 2021-07-22 / 2021-07-28
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.31 e
created : 2023-08-21T16:06:34

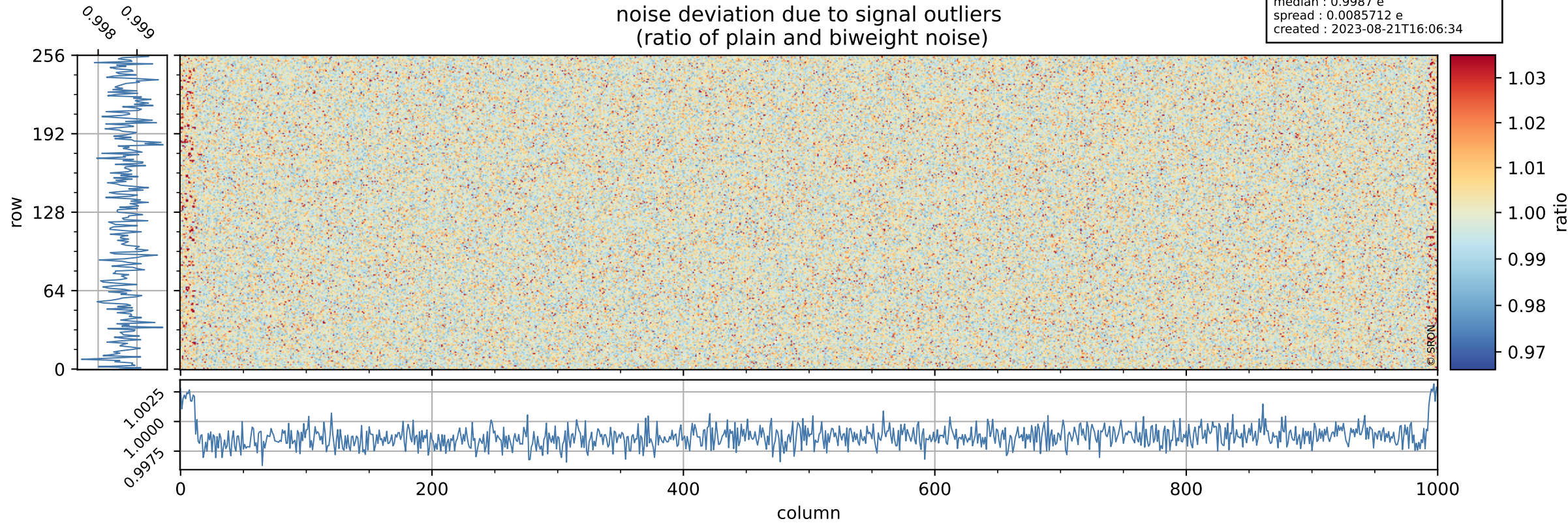
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

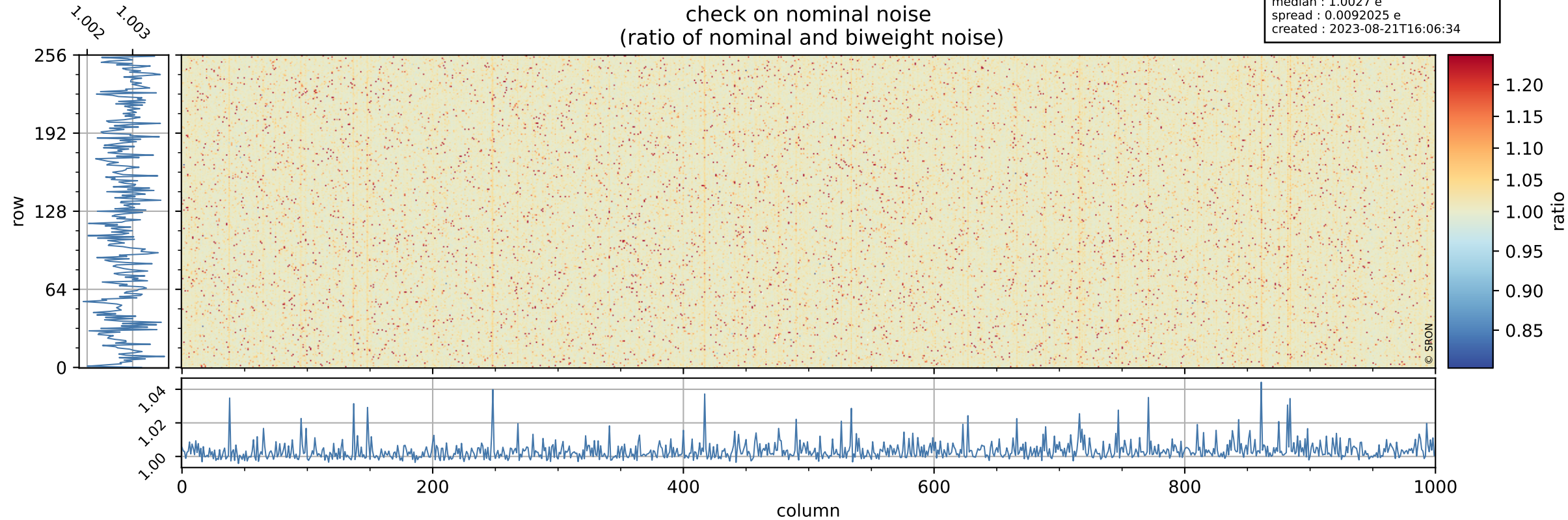
orbits : 12 in [19567, 19642]
coverage : 2021-07-22 / 2021-07-28
median : 0.9987 e
spread : 0.0085712 e
created : 2023-08-21T16:06:34



Tropomi SWIR background noise (swir)

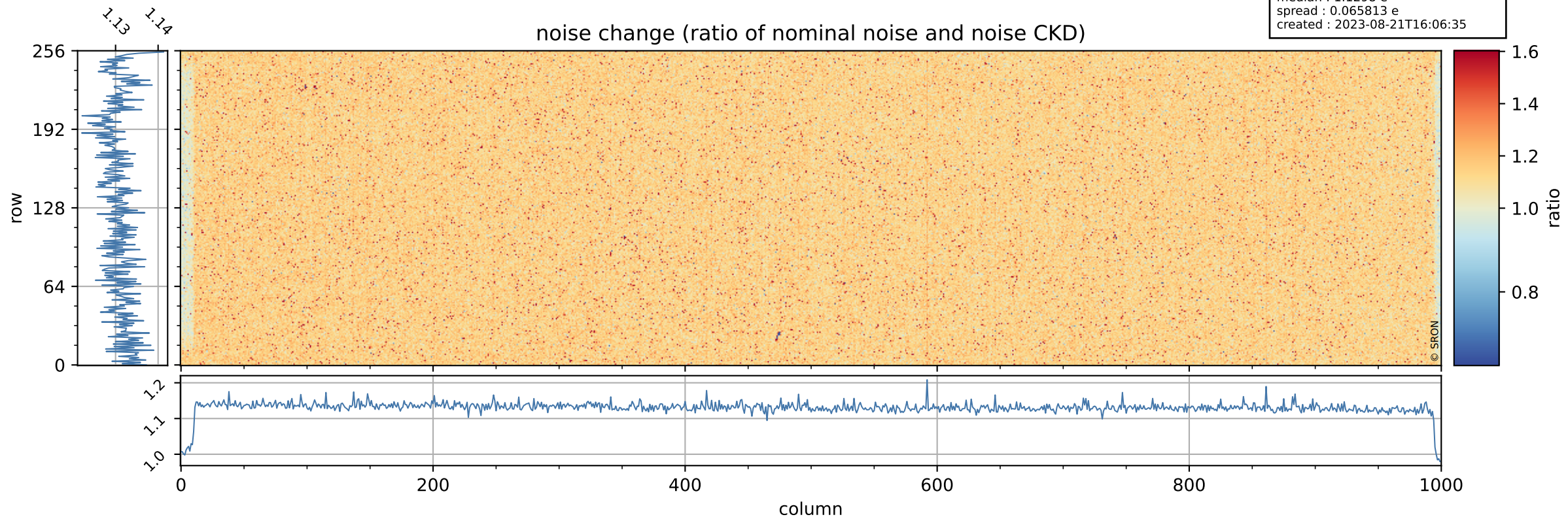
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19567, 19642]
coverage : 2021-07-22 / 2021-07-28
median : 1.0027 e
spread : 0.0092025 e
created : 2023-08-21T16:06:34



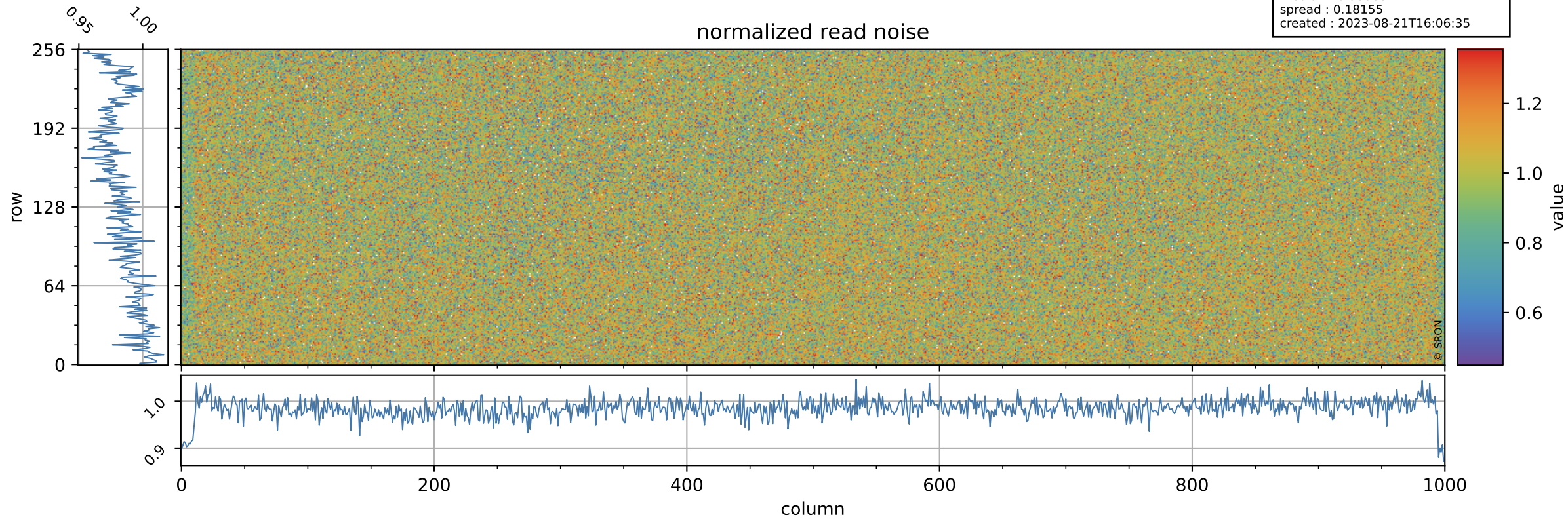
Tropomi SWIR background noise (swir)

orbits : 12 in [19567, 19642]
coverage : 2021-07-22 / 2021-07-28
median : 1.1298 e
spread : 0.065813 e
created : 2023-08-21T16:06:35



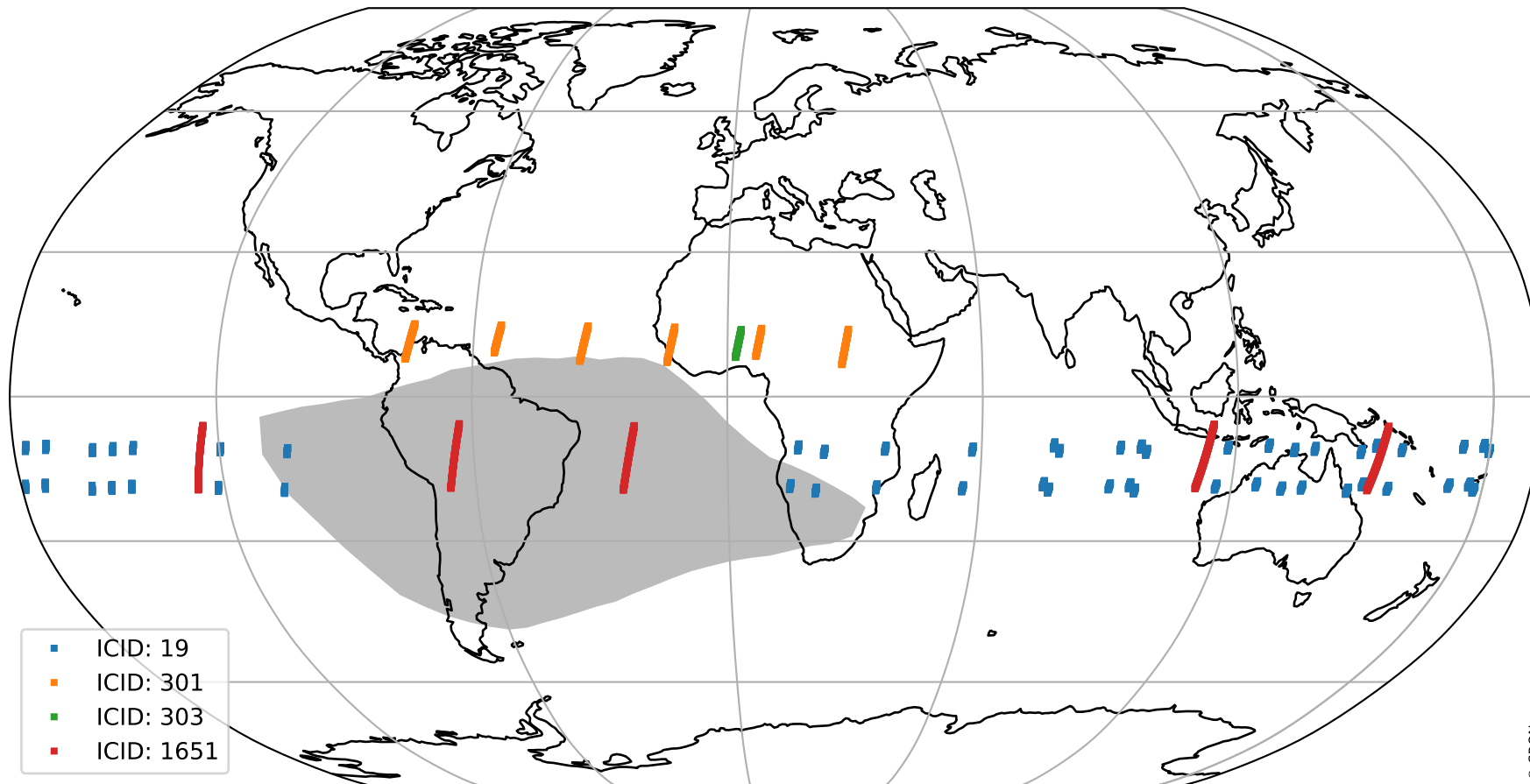
Tropomi SWIR background noise (swir)

orbits : 12 in [19567, 19642]
coverage : 2021-07-22 / 2021-07-28
median : 0.98303
spread : 0.18155
created : 2023-08-21T16:06:35



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

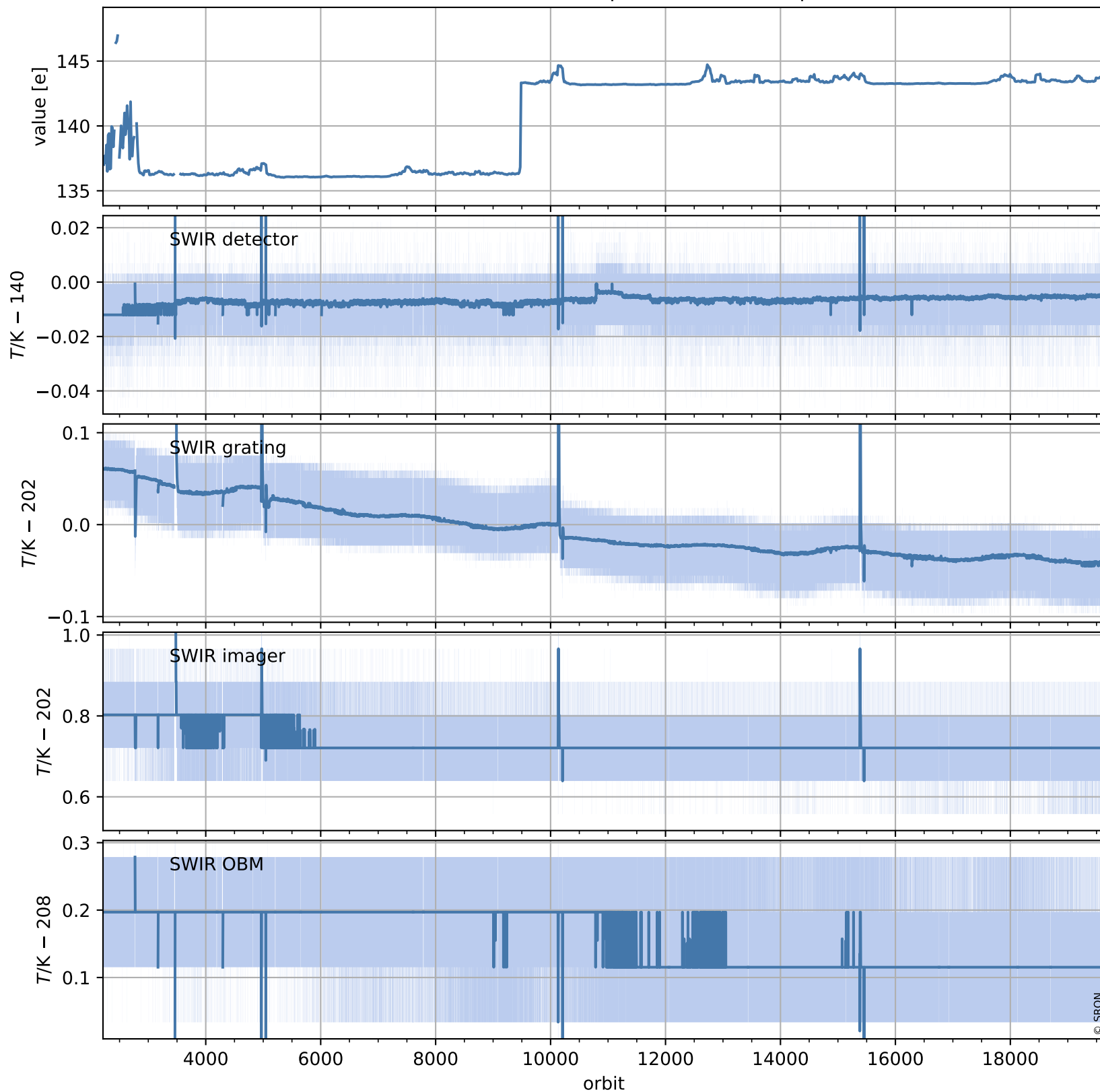
orbits : 12 in [19567, 19642]
coverage : 2021-07-22 / 2021-07-28
created : 2023-08-21T16:06:35



Tropomi SWIR background noise (swir)

orbits : [2212, 19642]
coverage : 2018-03-18 / 2021-07-28
created : 2023-08-21T16:06:36

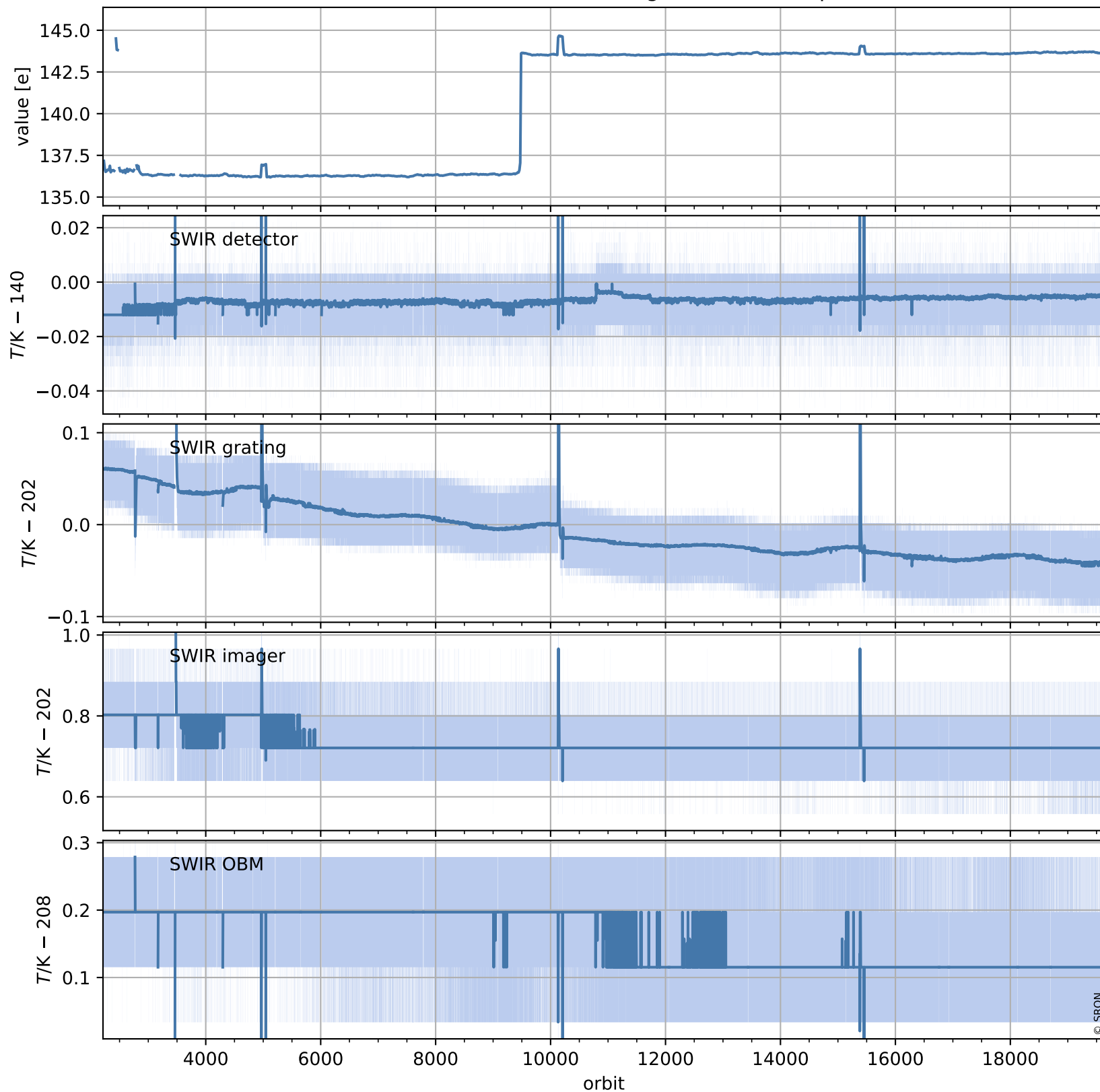
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19642]
coverage : 2018-03-18 / 2021-07-28
created : 2023-08-21T16:06:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19642]
coverage : 2018-03-18 / 2021-07-28
created : 2023-08-21T16:06:37

trend of normalized read-noise & temperatures

