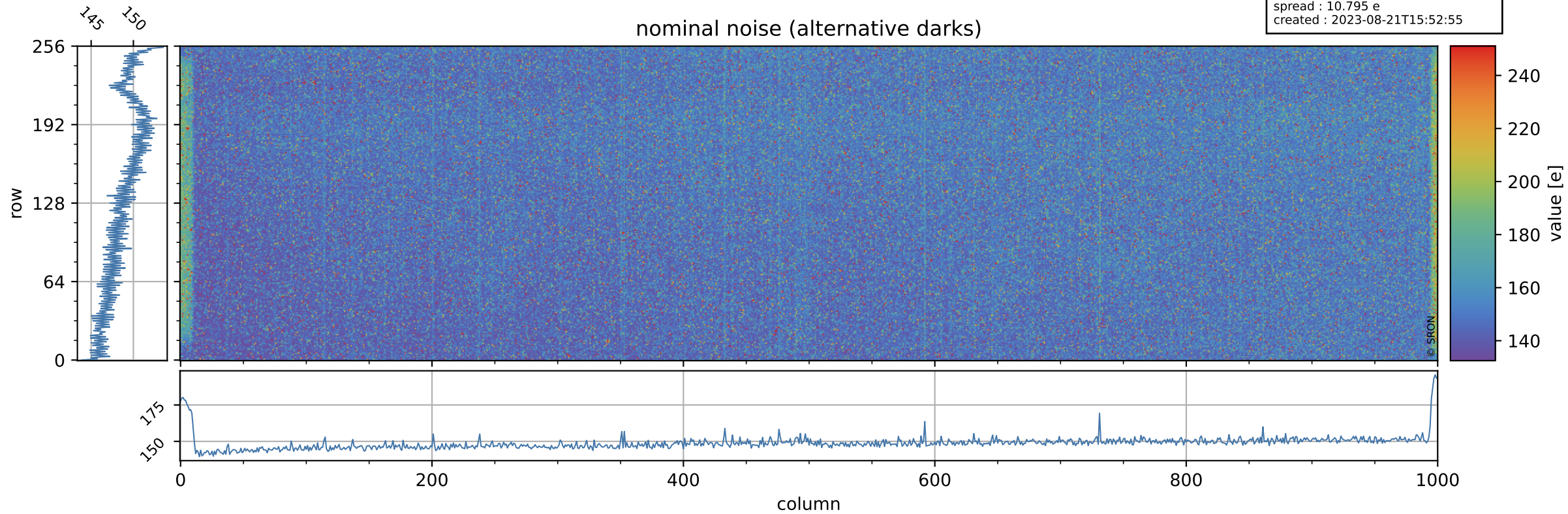


Tropomi SWIR background noise (swir)

orbits : 12 in [17257, 17347]
coverage : 2021-02-11 / 2021-02-17
n_coad, t_exp : 1, 1.0783
median : 148.68 e
spread : 10.795 e
created : 2023-08-21T15:52:55

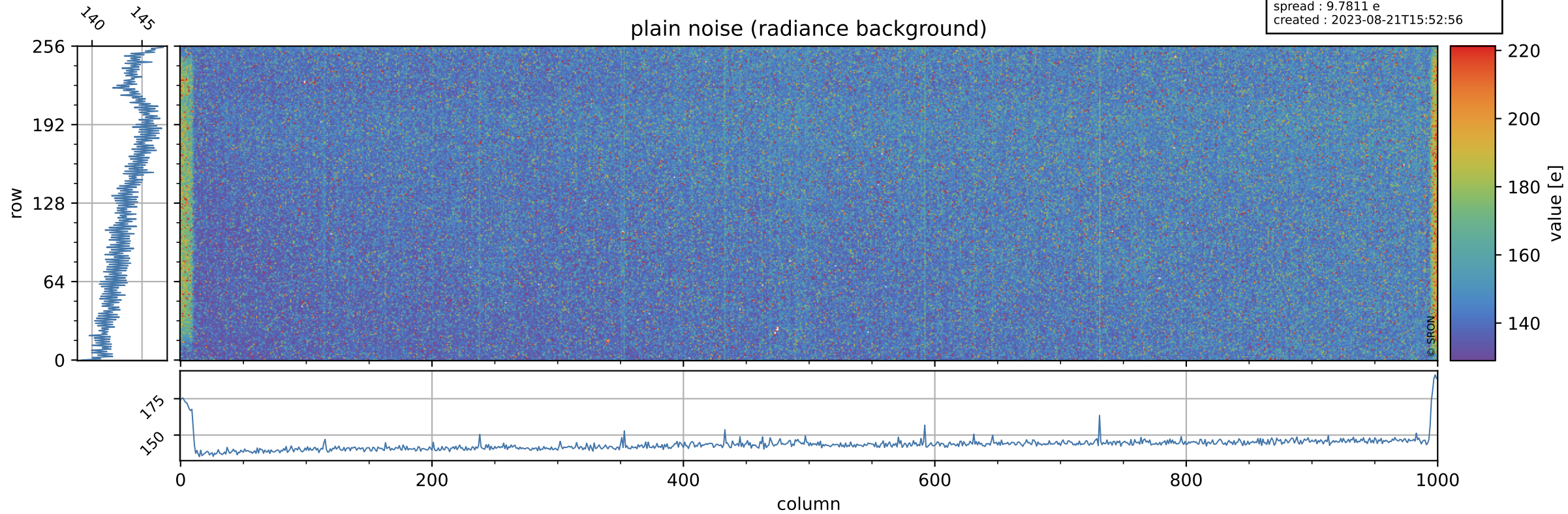
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17257, 17347]
coverage : 2021-02-11 / 2021-02-17
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7811 e
created : 2023-08-21T15:52:56

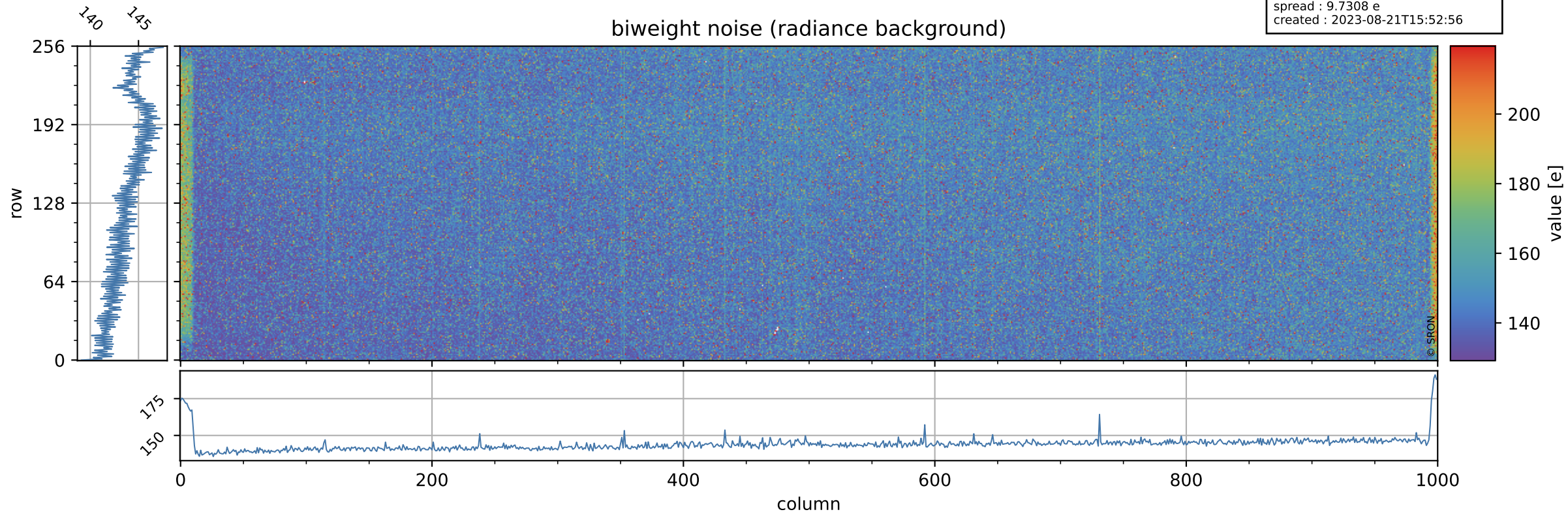
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17257, 17347]
coverage : 2021-02-11 / 2021-02-17
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7308 e
created : 2023-08-21T15:52:56

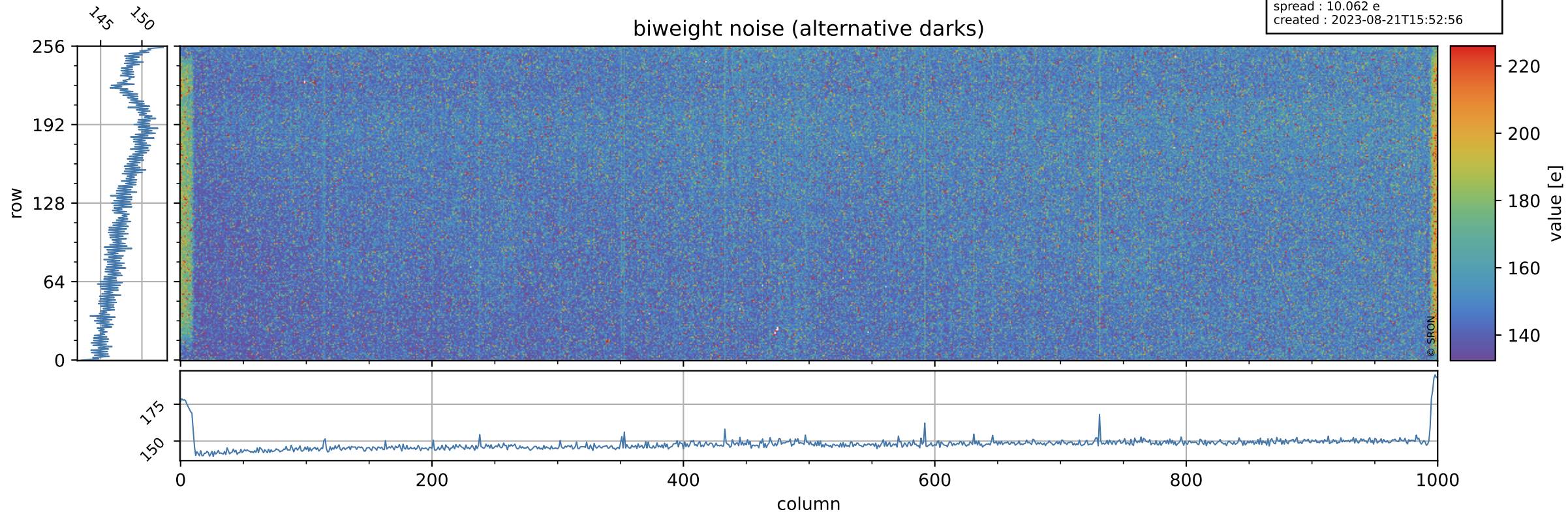
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17257, 17347]
coverage : 2021-02-11 / 2021-02-17
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.062 e
created : 2023-08-21T15:52:56

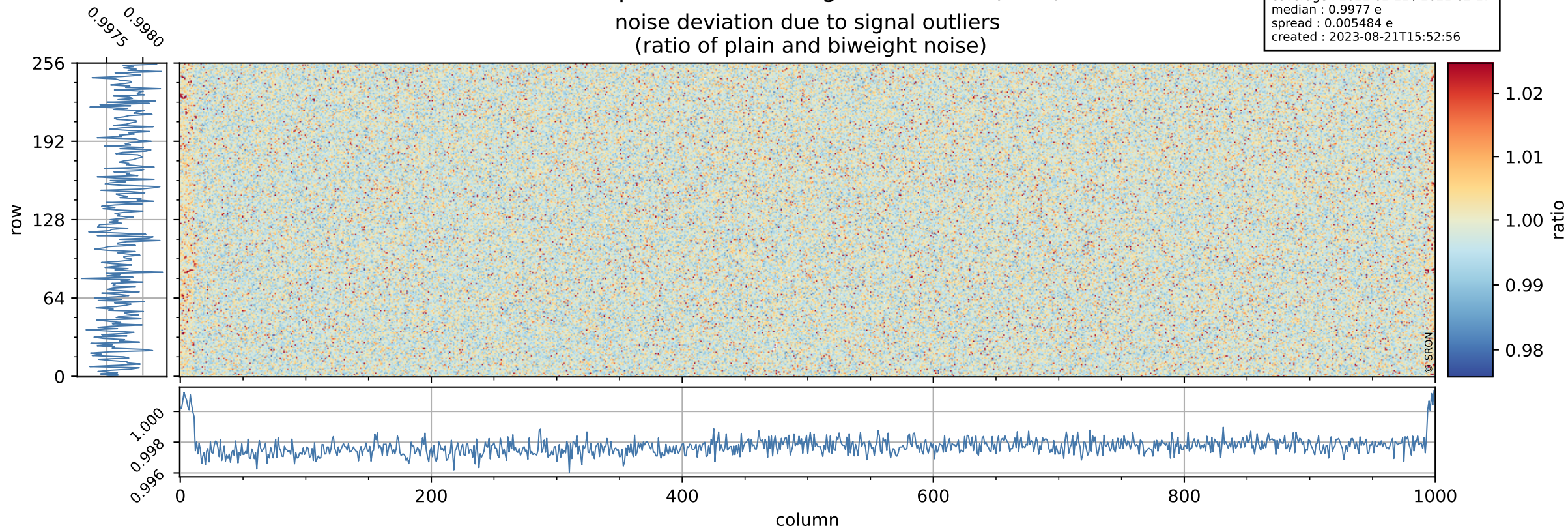
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

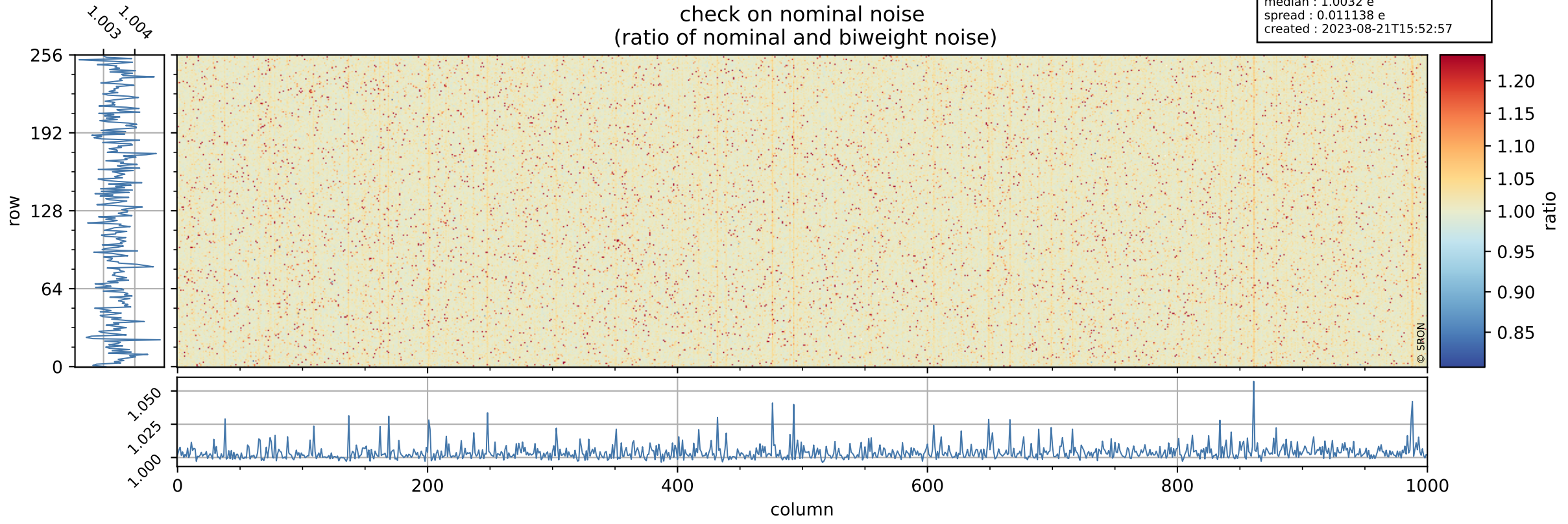
orbits : 12 in [17257, 17347]
coverage : 2021-02-11 / 2021-02-17
median : 0.9977 e
spread : 0.005484 e
created : 2023-08-21T15:52:56



Tropomi SWIR background noise (swir)

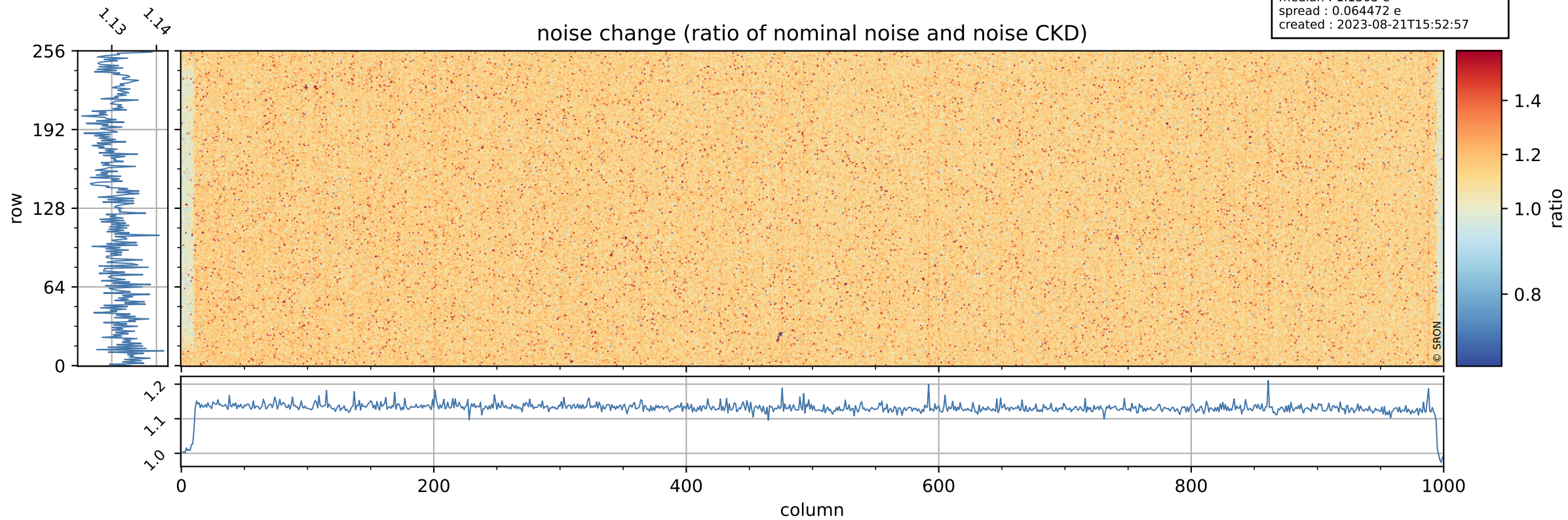
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17257, 17347]
coverage : 2021-02-11 / 2021-02-17
median : 1.0032 e
spread : 0.011138 e
created : 2023-08-21T15:52:57



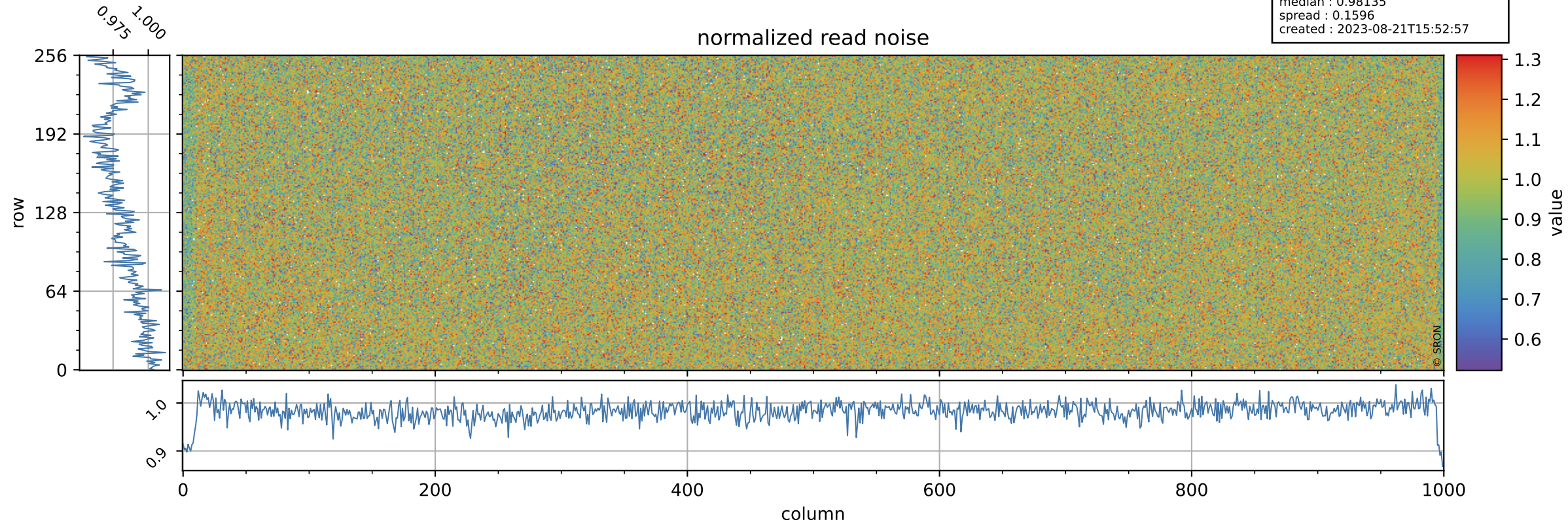
Tropomi SWIR background noise (swir)

orbits : 12 in [17257, 17347]
coverage : 2021-02-11 / 2021-02-17
median : 1.1303 e
spread : 0.064472 e
created : 2023-08-21T15:52:57



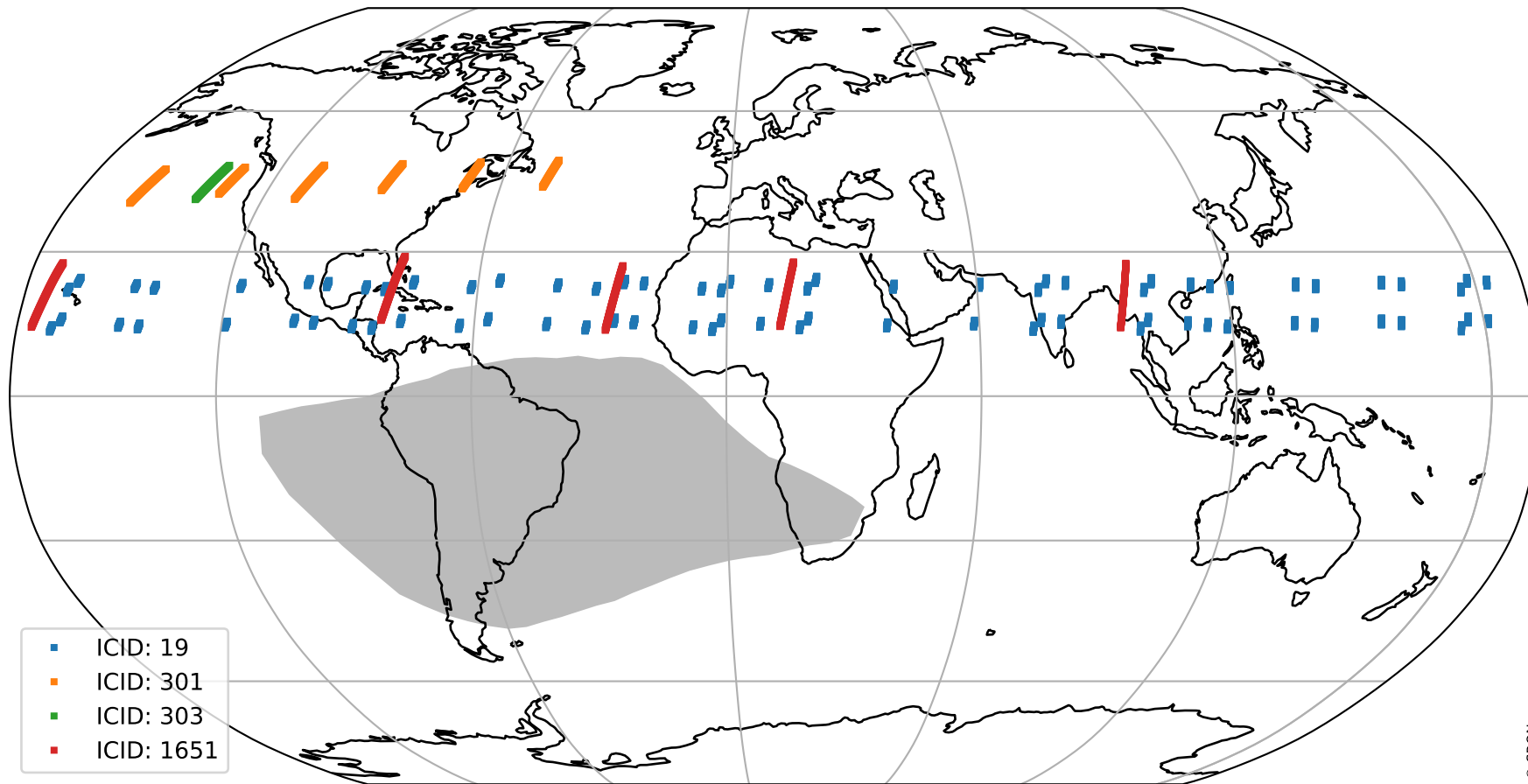
Tropomi SWIR background noise (swir)

orbits : 12 in [17257, 17347]
coverage : 2021-02-11 / 2021-02-17
median : 0.98135
spread : 0.1596
created : 2023-08-21T15:52:57



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

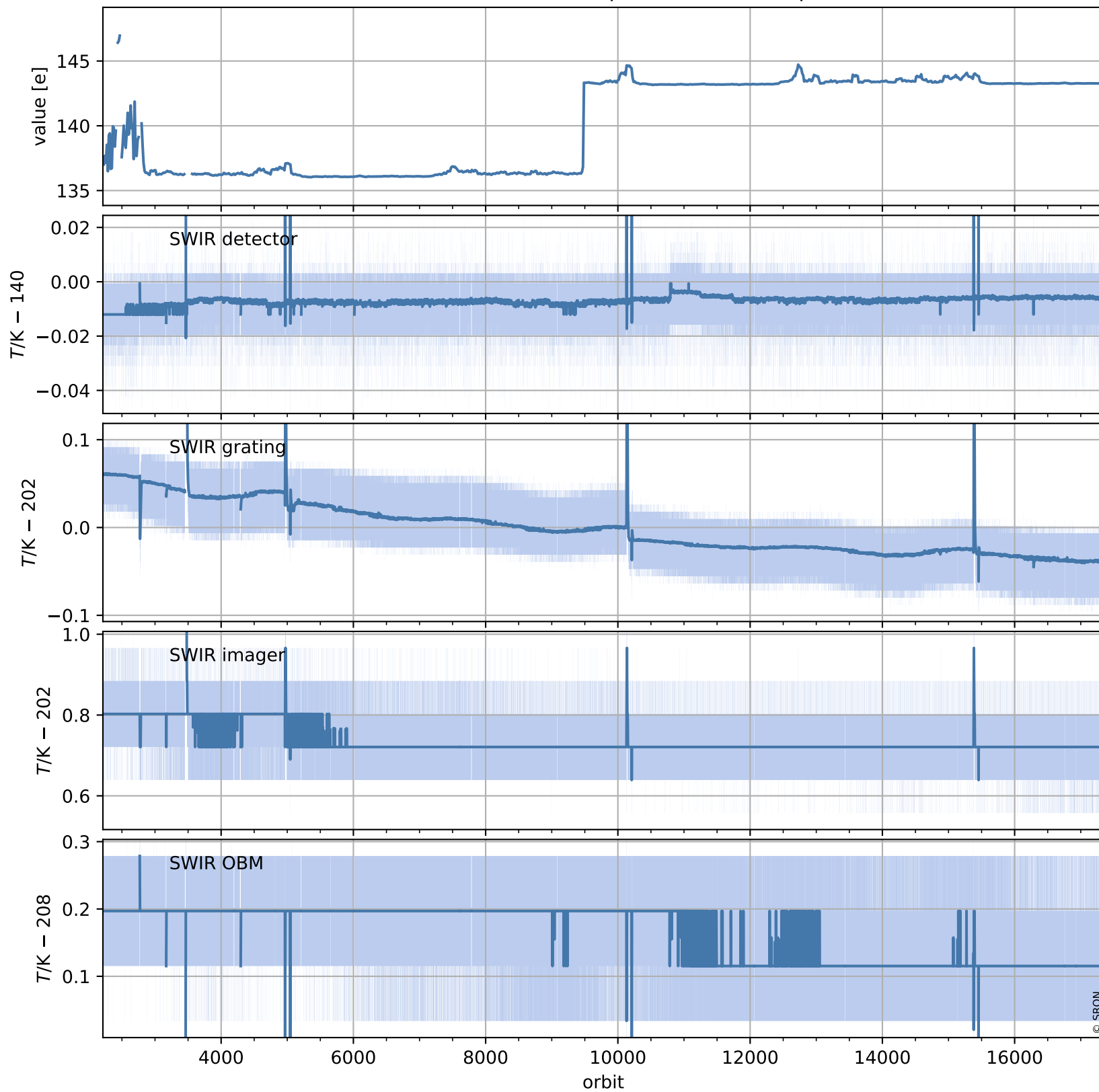
orbits : 12 in [17257, 17347]
coverage : 2021-02-11 / 2021-02-17
created : 2023-08-21T15:52:58



Tropomi SWIR background noise (swir)

orbits : [2212, 17347]
coverage : 2018-03-18 / 2021-02-17
created : 2023-08-21T15:52:58

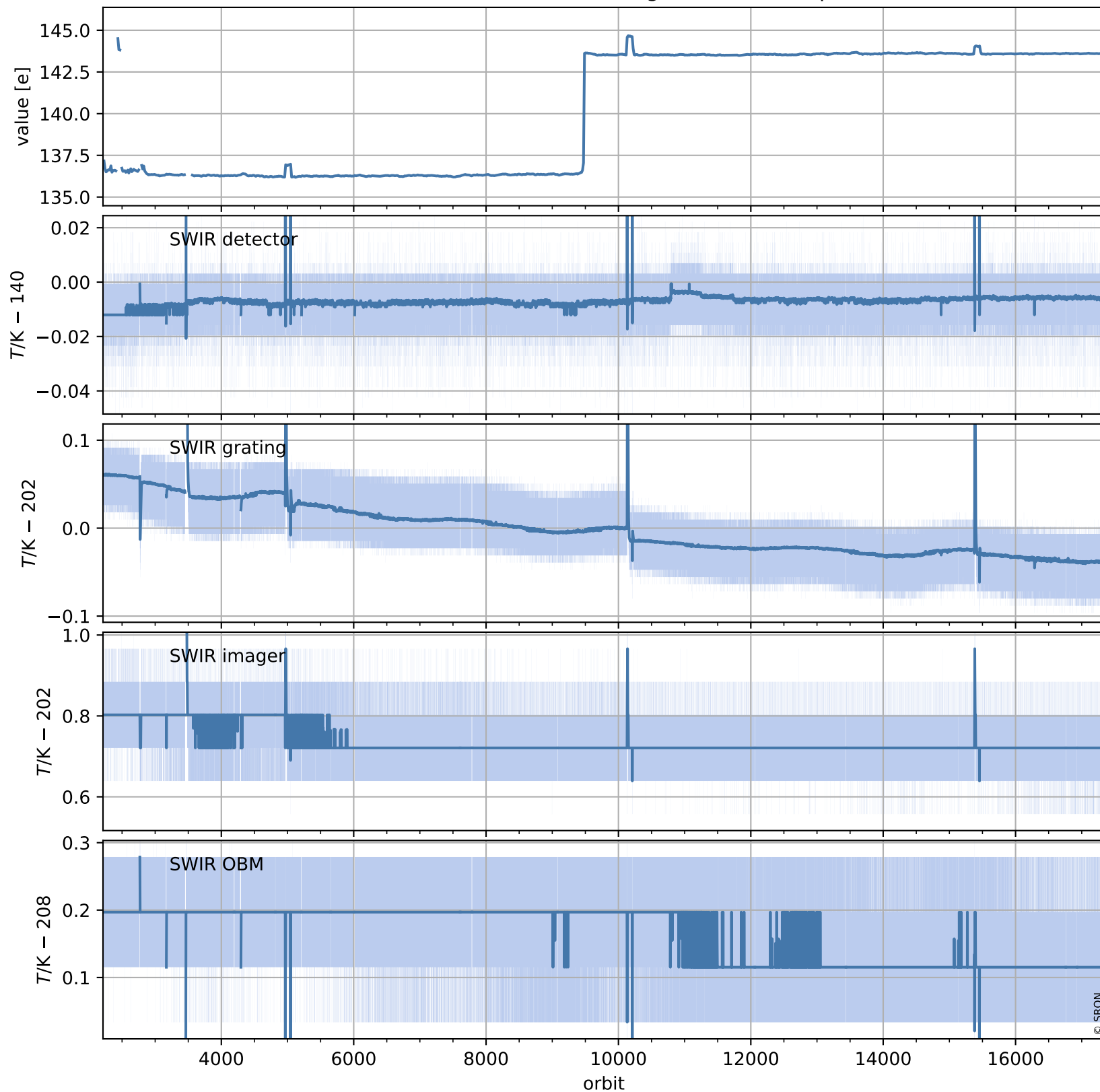
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17347]
coverage : 2018-03-18 / 2021-02-17
created : 2023-08-21T15:52:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17347]
coverage : 2018-03-18 / 2021-02-17
created : 2023-08-21T15:53:00

trend of normalized read-noise & temperatures

