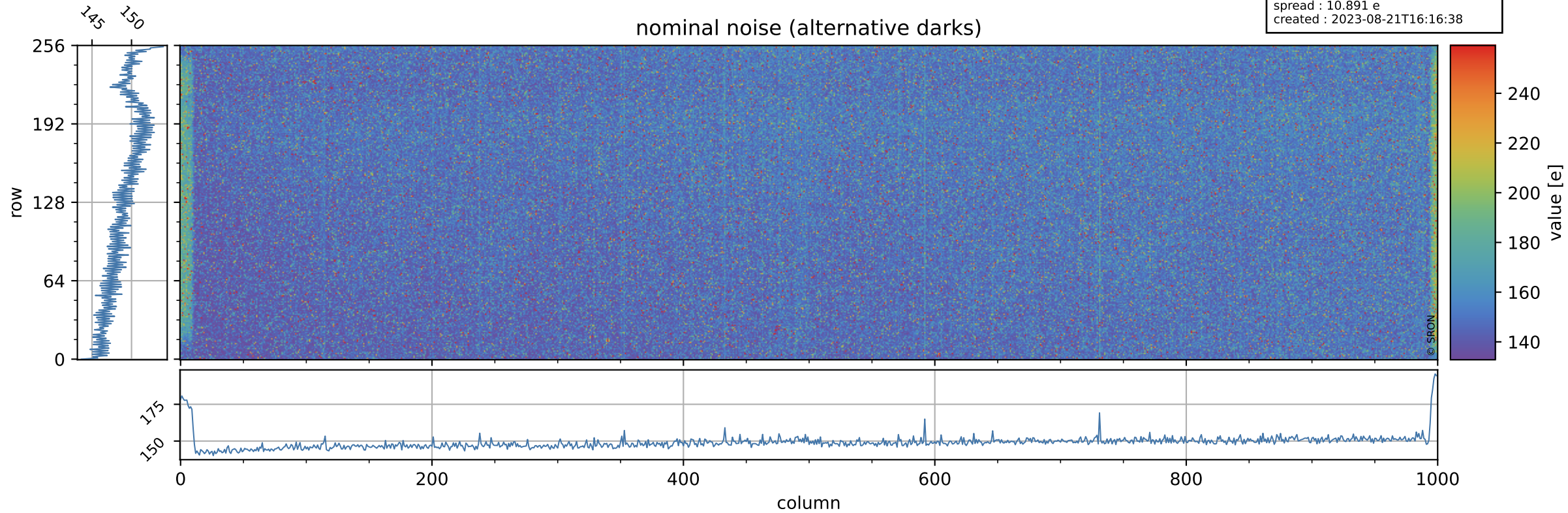


Tropomi SWIR background noise (swir)

orbits : 12 in [21187, 21277]
coverage : 2021-11-15 / 2021-11-21
n_coad, t_exp : 1, 1.0783
median : 148.9 e
spread : 10.891 e
created : 2023-08-21T16:16:38

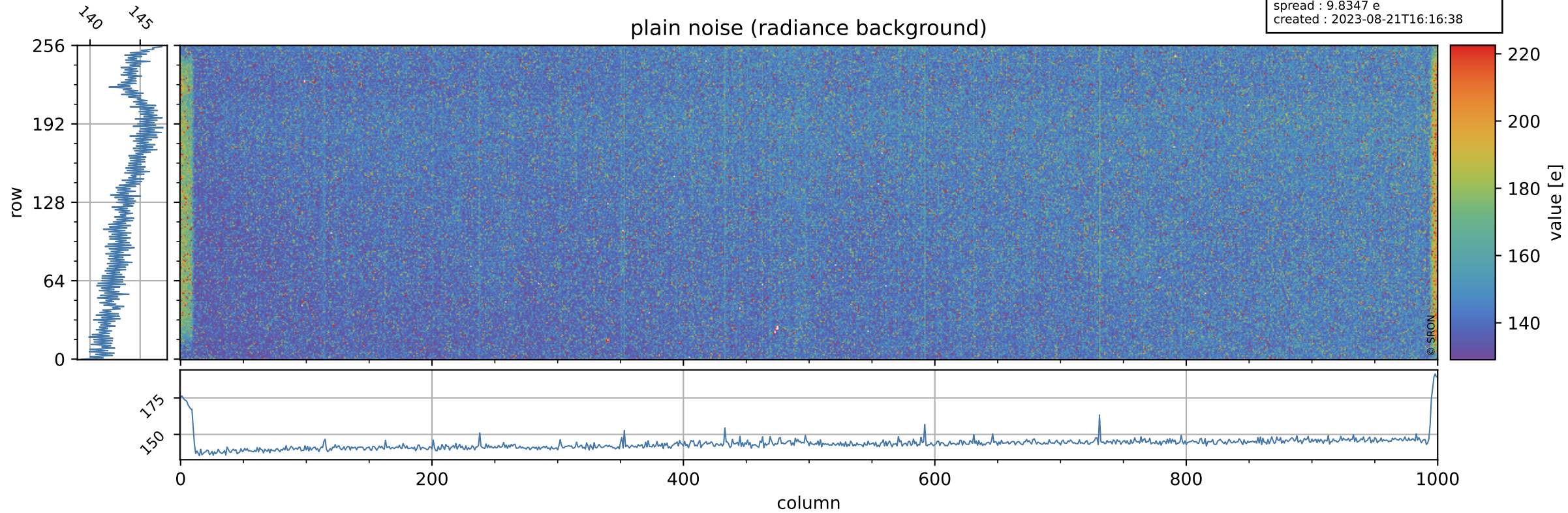
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21187, 21277]
coverage : 2021-11-15 / 2021-11-21
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.8347 e
created : 2023-08-21T16:16:38

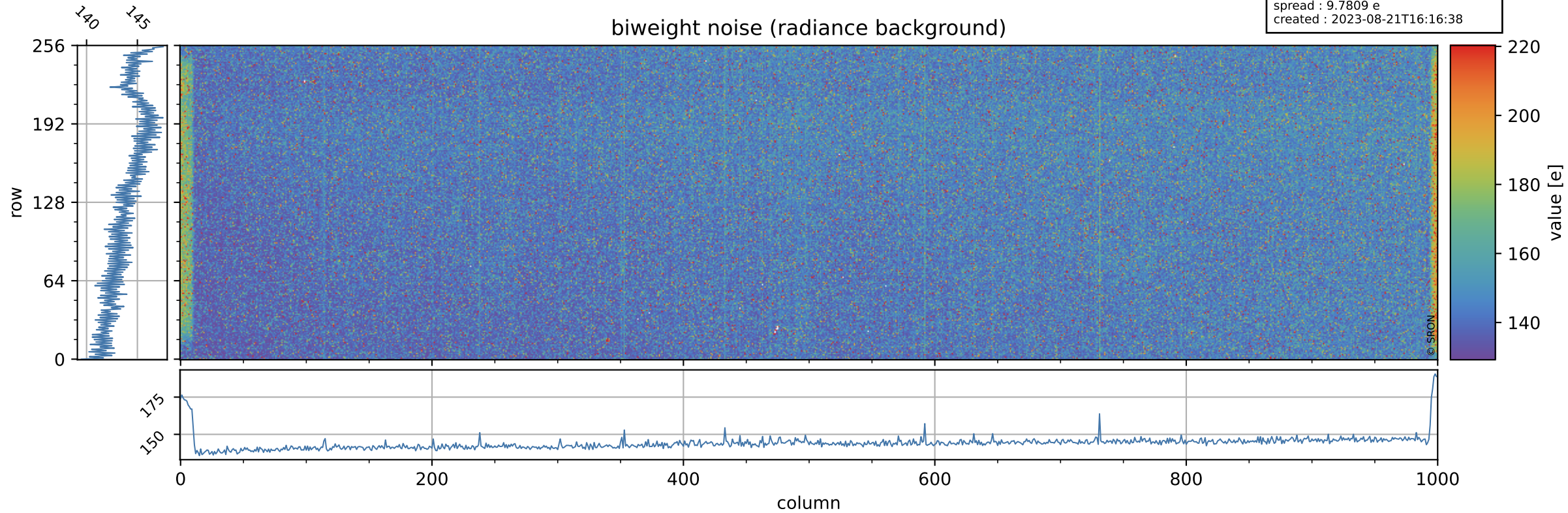
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21187, 21277]
coverage : 2021-11-15 / 2021-11-21
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.7809 e
created : 2023-08-21T16:16:38

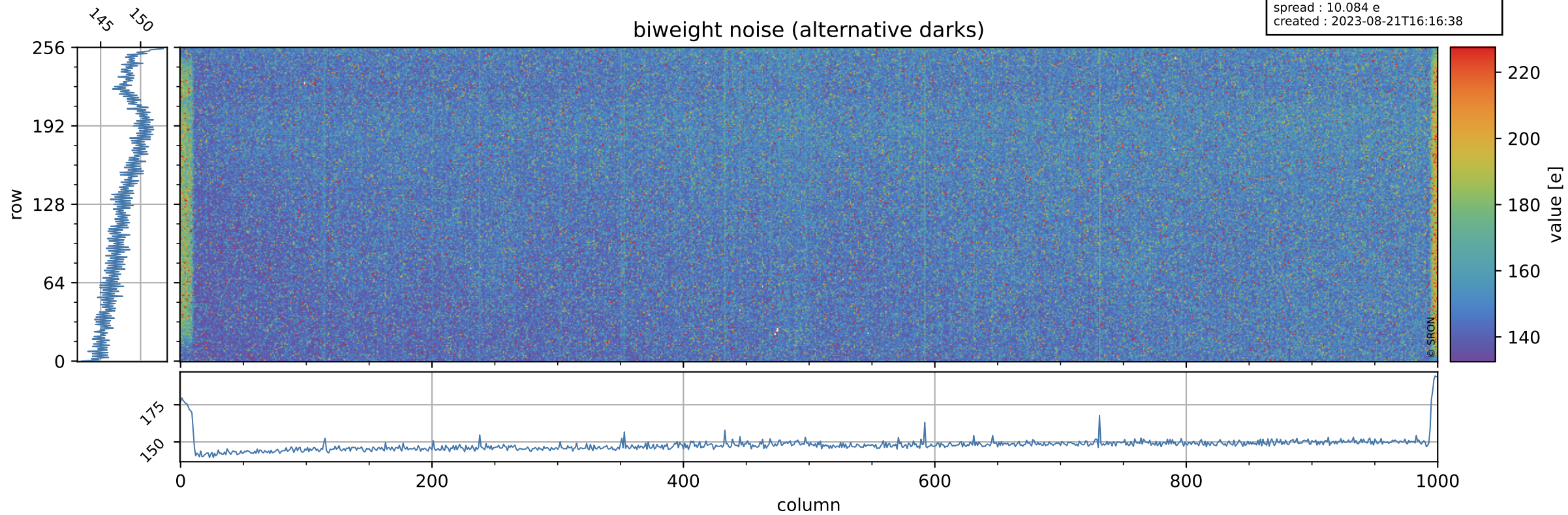
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21187, 21277]
coverage : 2021-11-15 / 2021-11-21
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.084 e
created : 2023-08-21T16:16:38

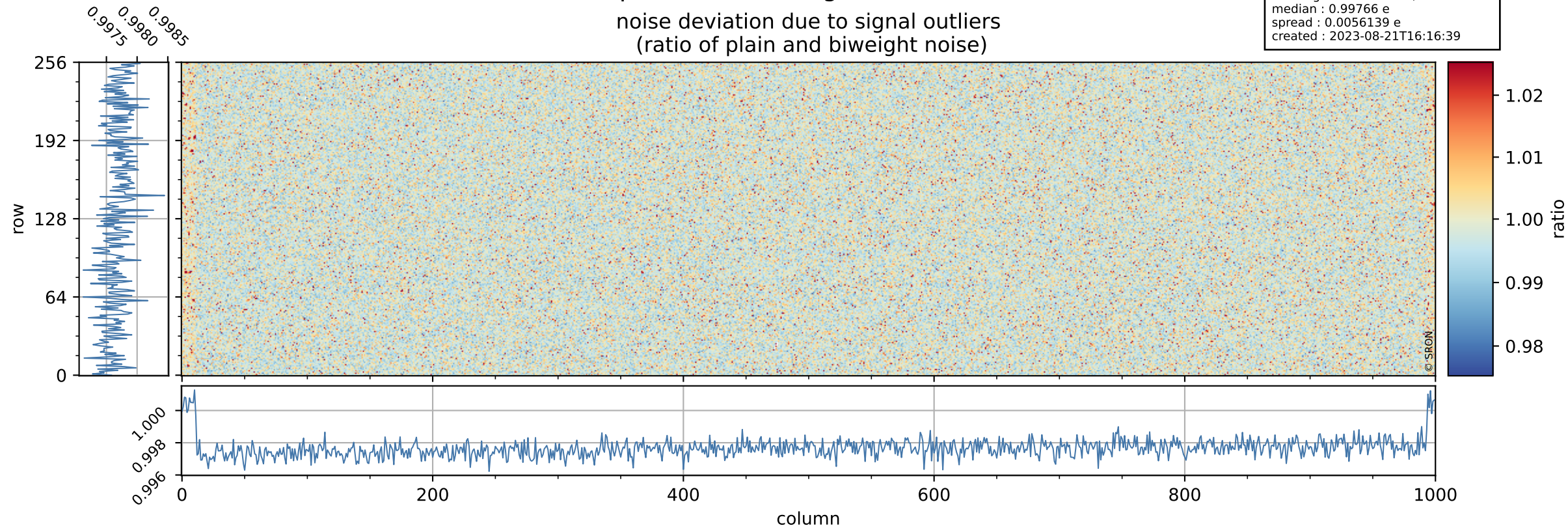
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

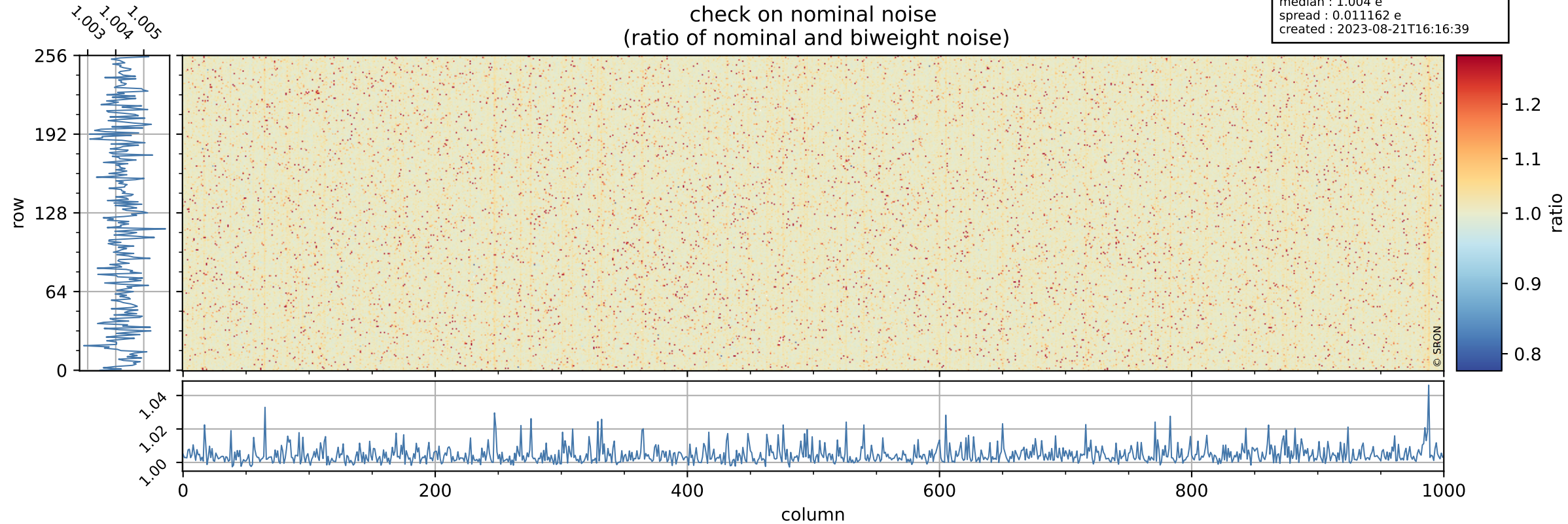
orbits : 12 in [21187, 21277]
coverage : 2021-11-15 / 2021-11-21
median : 0.99766 e
spread : 0.0056139 e
created : 2023-08-21T16:16:39



Tropomi SWIR background noise (swir)

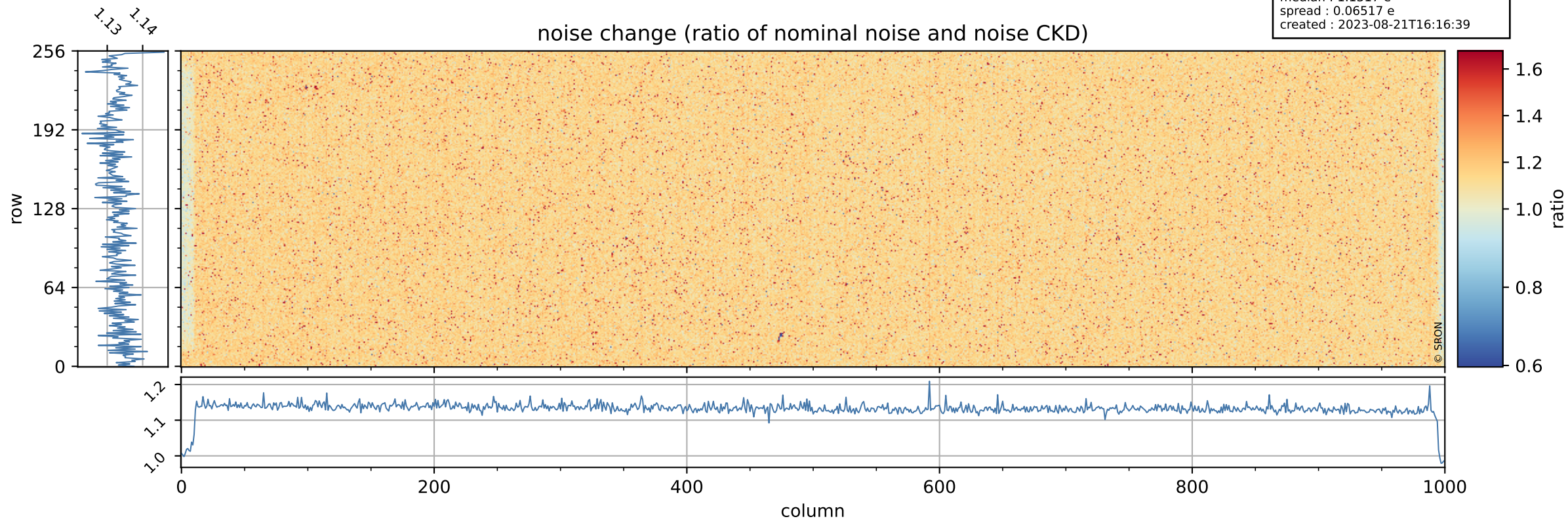
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21187, 21277]
coverage : 2021-11-15 / 2021-11-21
median : 1.004 e
spread : 0.011162 e
created : 2023-08-21T16:16:39



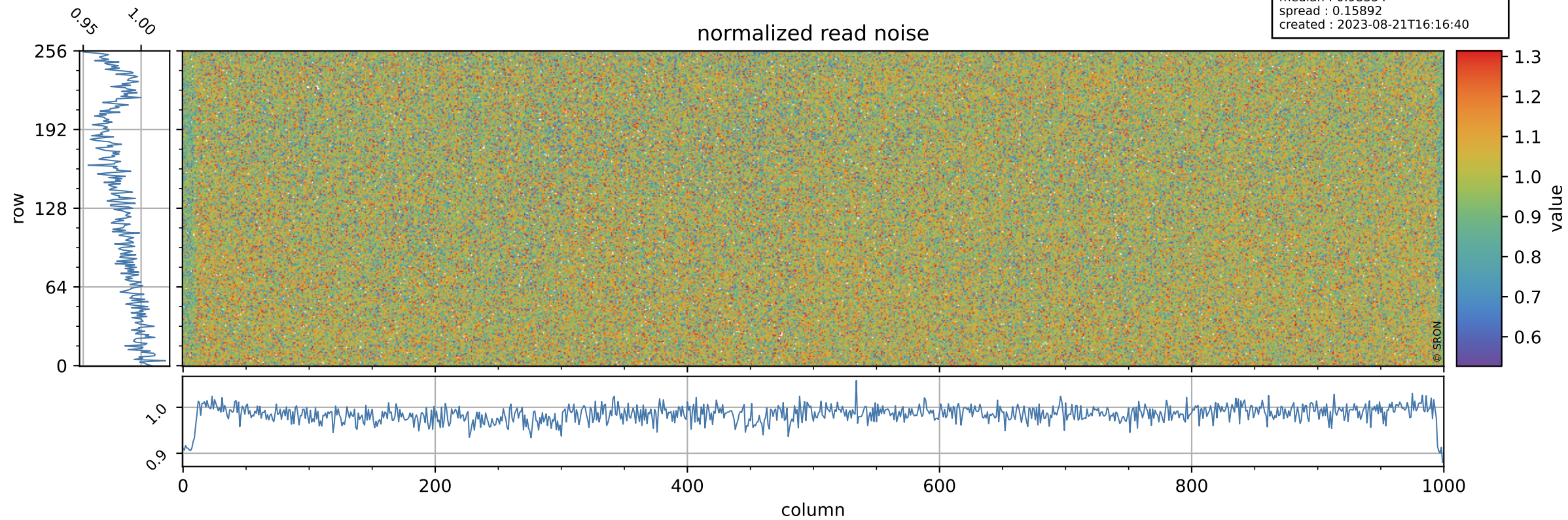
Tropomi SWIR background noise (swir)

orbits : 12 in [21187, 21277]
coverage : 2021-11-15 / 2021-11-21
median : 1.1317 e
spread : 0.06517 e
created : 2023-08-21T16:16:39



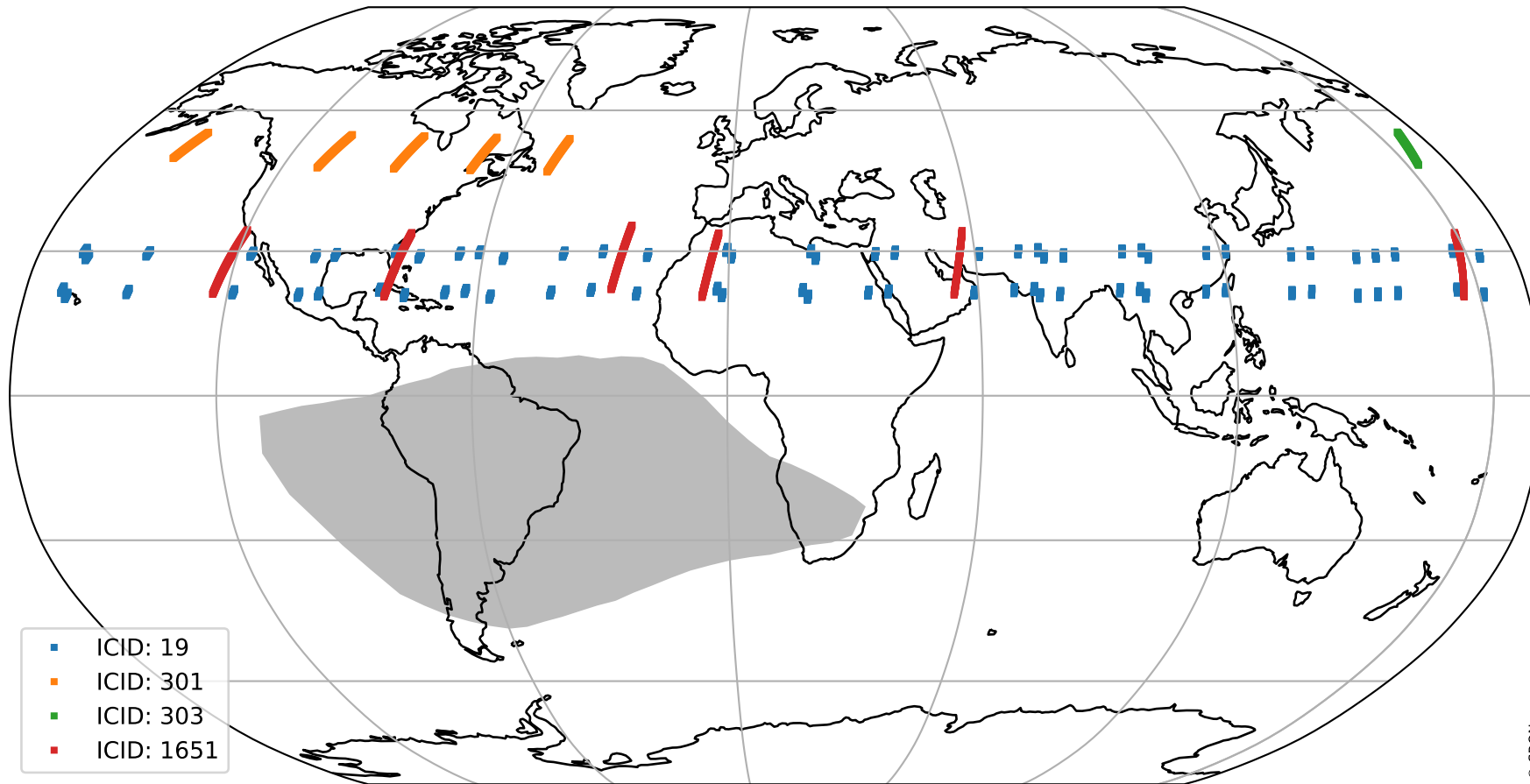
Tropomi SWIR background noise (swir)

orbits : 12 in [21187, 21277]
coverage : 2021-11-15 / 2021-11-21
median : 0.98354
spread : 0.15892
created : 2023-08-21T16:16:40



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

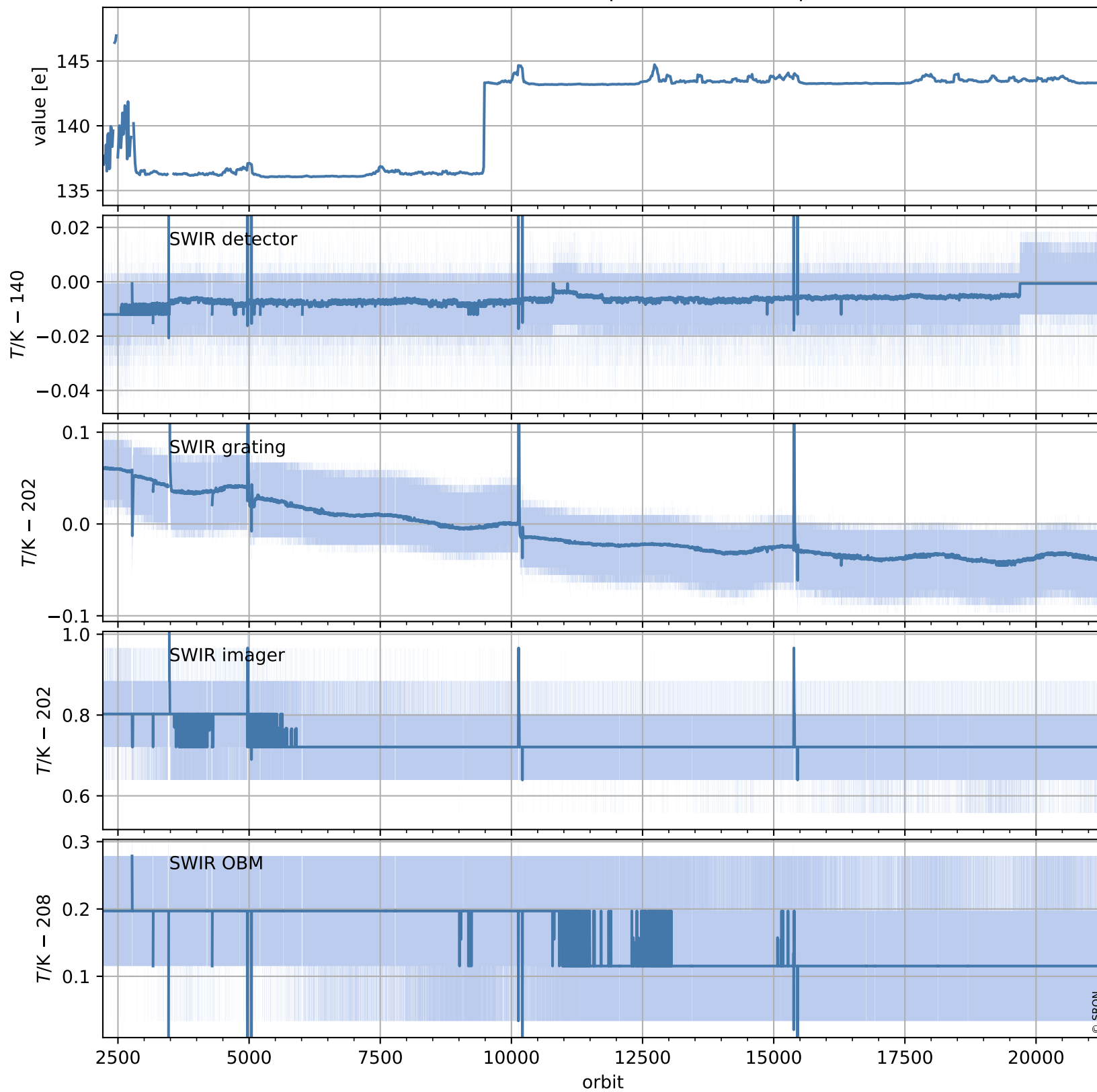
orbits : 12 in [21187, 21277]
coverage : 2021-11-15 / 2021-11-21
created : 2023-08-21T16:16:40



Tropomi SWIR background noise (swir)

orbits : [2212, 21277]
coverage : 2018-03-18 / 2021-11-21
created : 2023-08-21T16:16:40

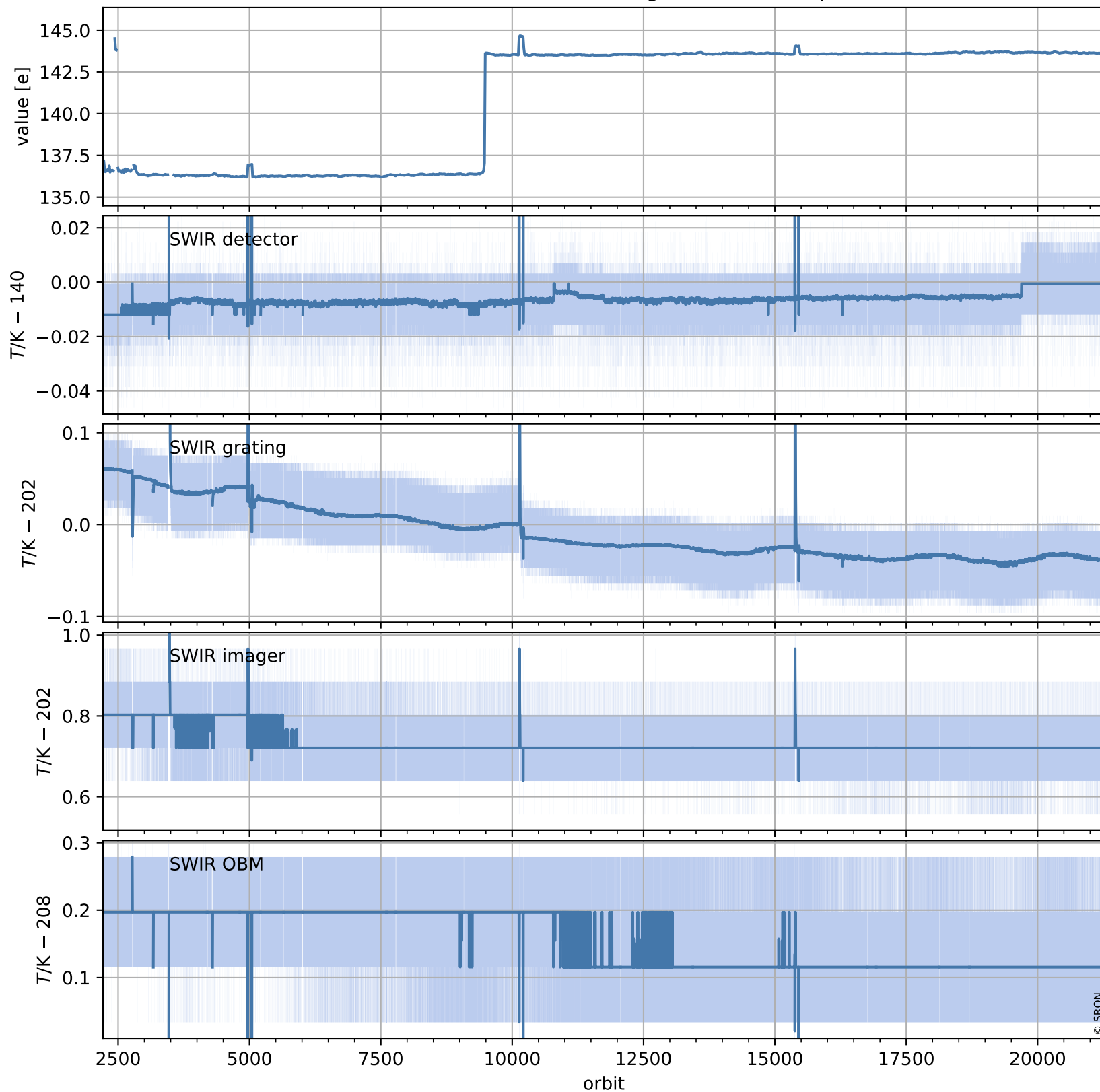
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21277]
coverage : 2018-03-18 / 2021-11-21
created : 2023-08-21T16:16:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21277]
coverage : 2018-03-18 / 2021-11-21
created : 2023-08-21T16:16:42

trend of normalized read-noise & temperatures

