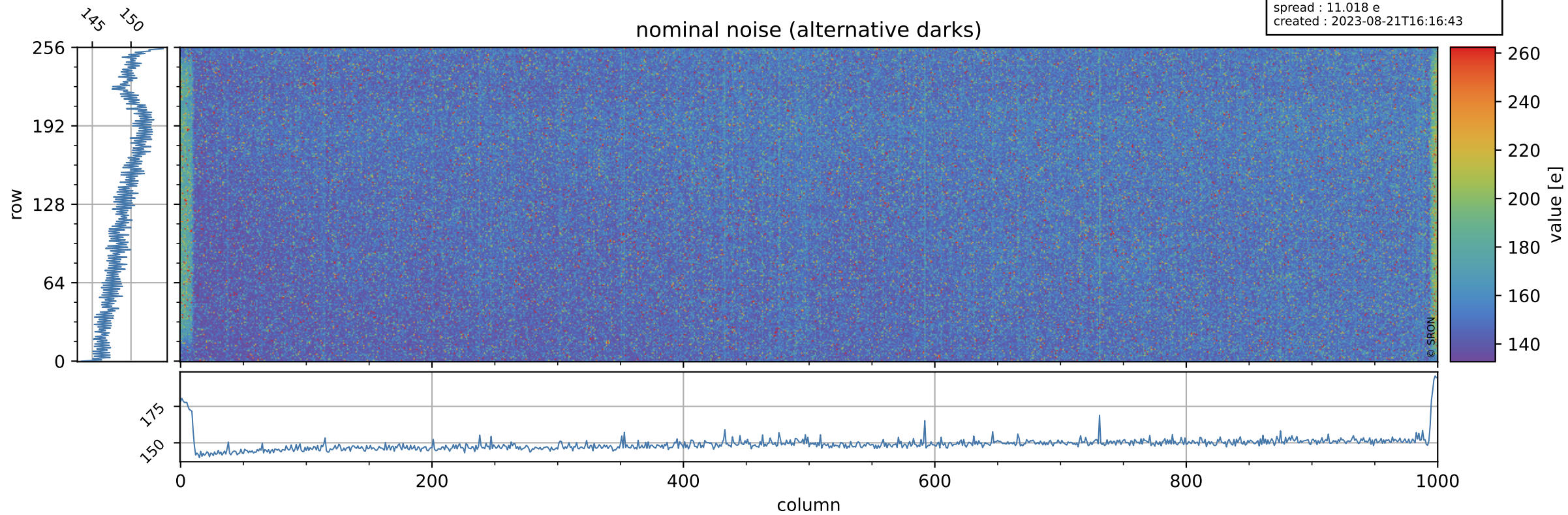


Tropomi SWIR background noise (swir)

orbits : 11 in [21202, 21292]
coverage : 2021-11-16 / 2021-11-21
n_coad, t_exp : 1, 1.0783
median : 149 e
spread : 11.018 e
created : 2023-08-21T16:16:43

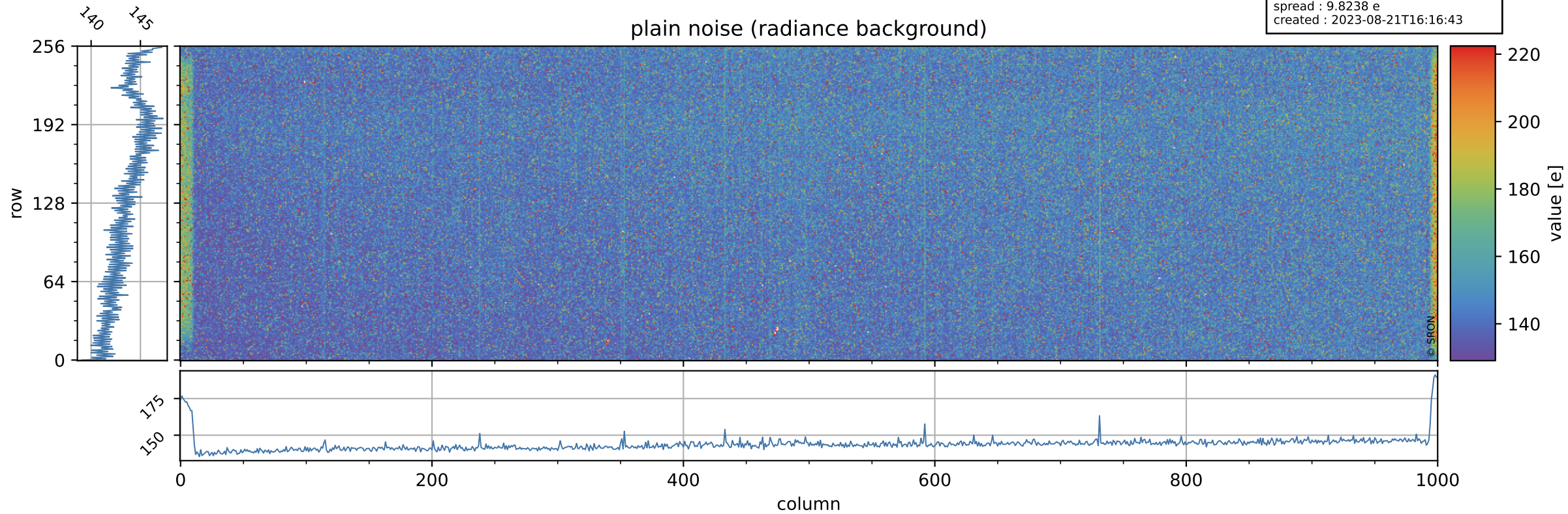
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [21202, 21292]
coverage : 2021-11-16 / 2021-11-21
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8238 e
created : 2023-08-21T16:16:43

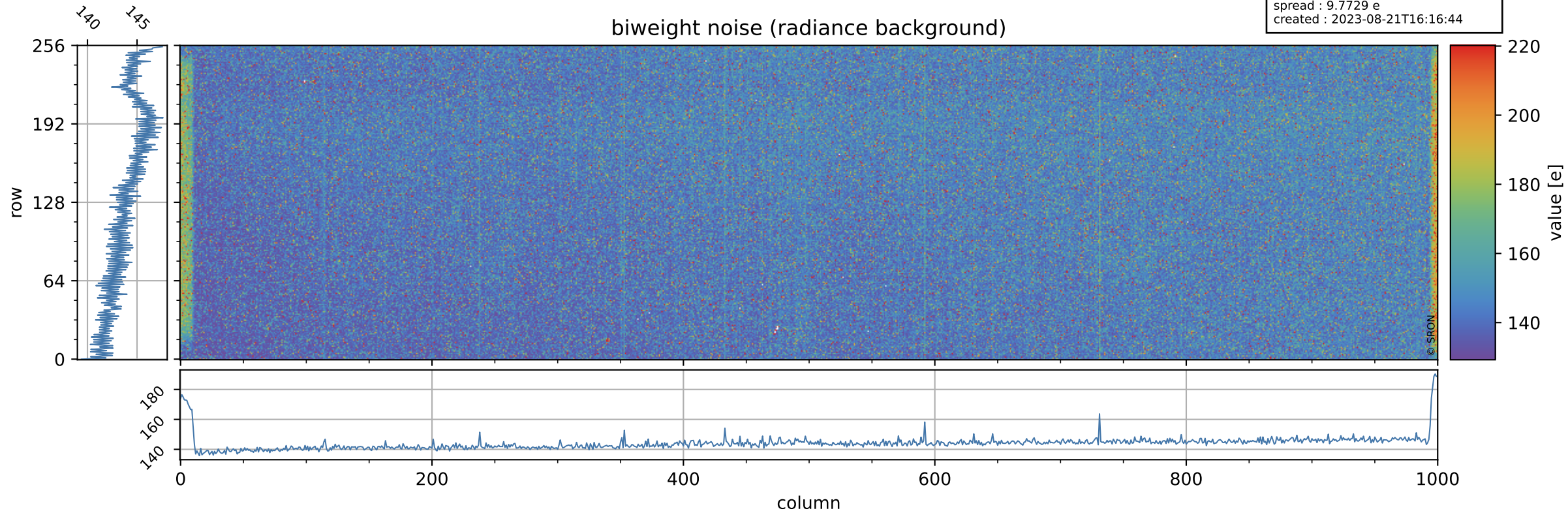
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [21202, 21292]
coverage : 2021-11-16 / 2021-11-21
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.7729 e
created : 2023-08-21T16:16:44

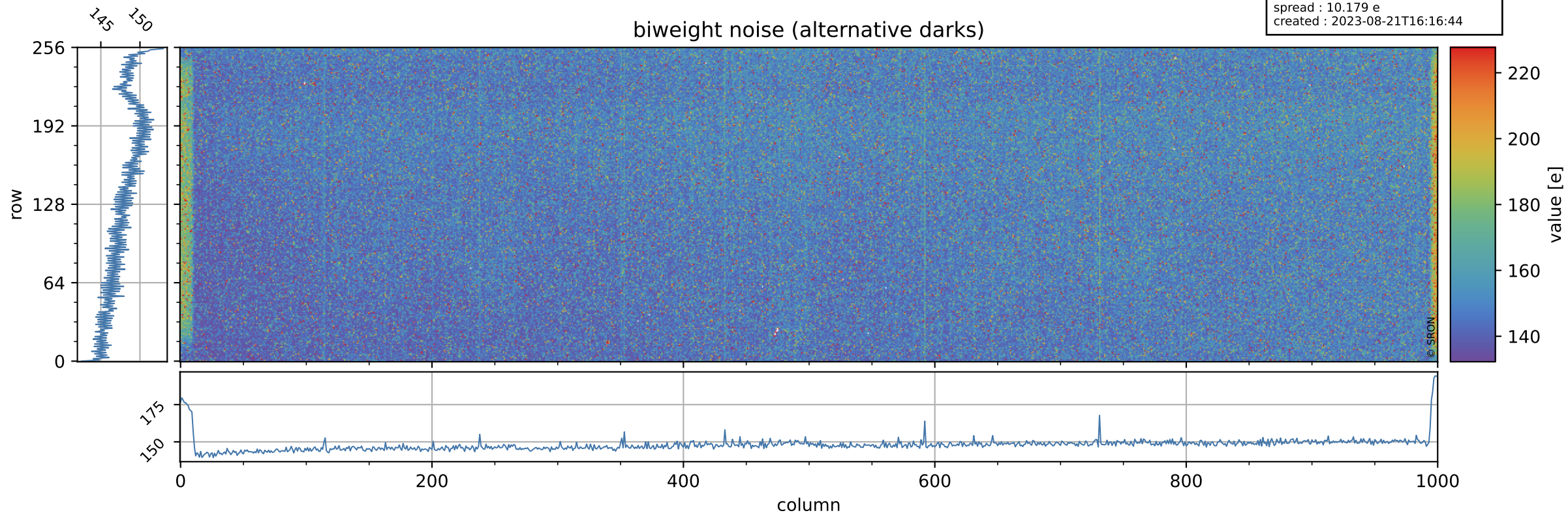
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [21202, 21292]
coverage : 2021-11-16 / 2021-11-21
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.179 e
created : 2023-08-21T16:16:44

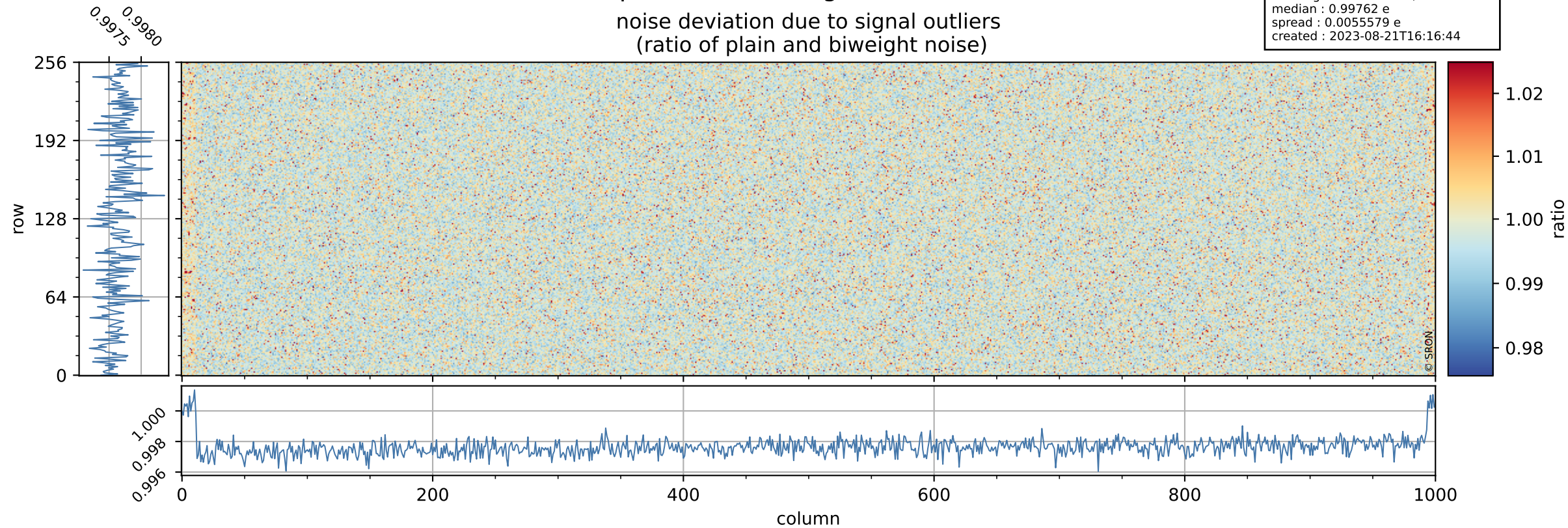
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

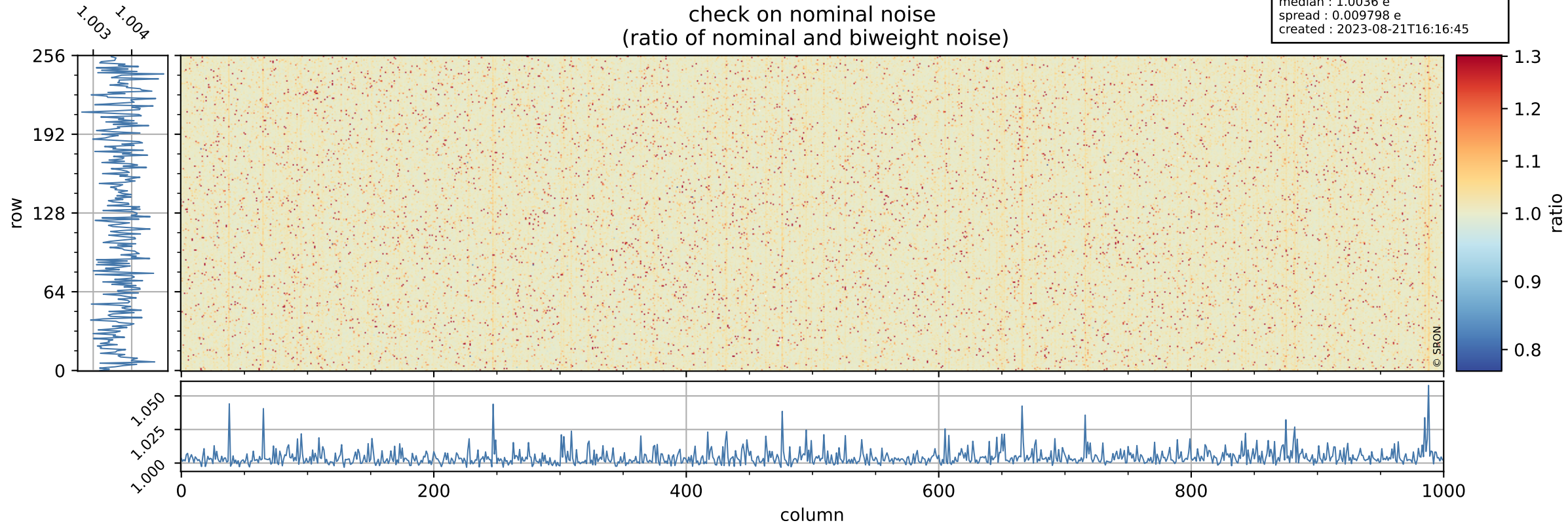
orbits : 11 in [21202, 21292]
coverage : 2021-11-16 / 2021-11-21
median : 0.99762 e
spread : 0.0055579 e
created : 2023-08-21T16:16:44



Tropomi SWIR background noise (swir)

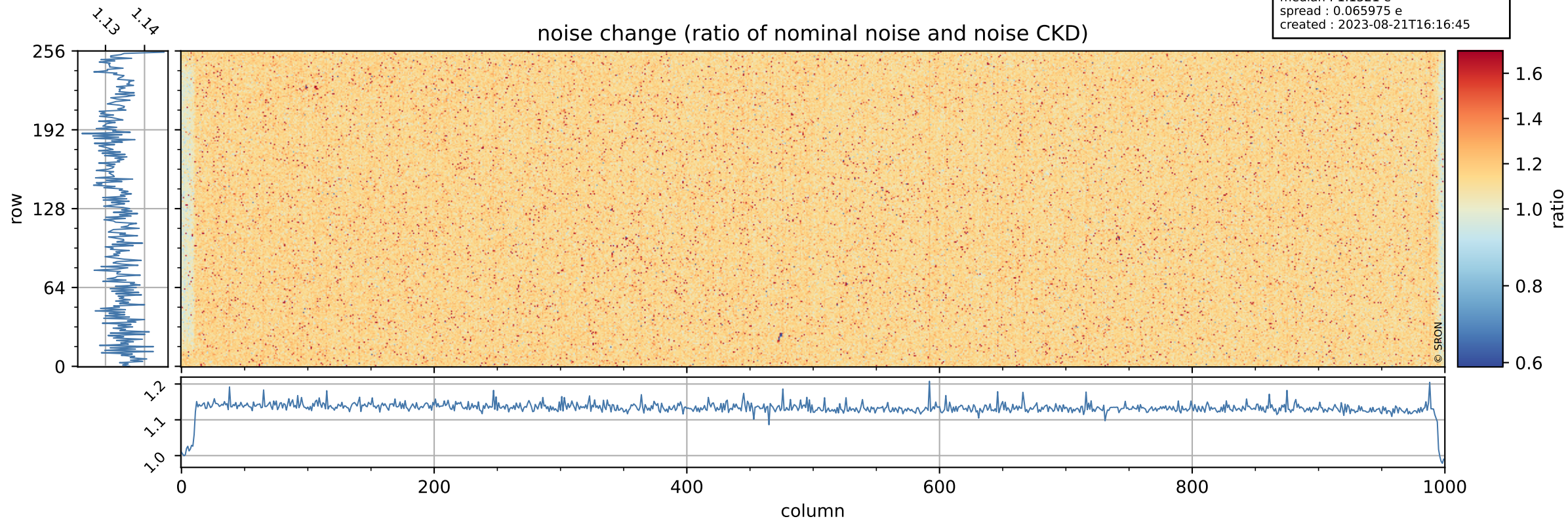
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [21202, 21292]
coverage : 2021-11-16 / 2021-11-21
median : 1.0036 e
spread : 0.009798 e
created : 2023-08-21T16:16:45



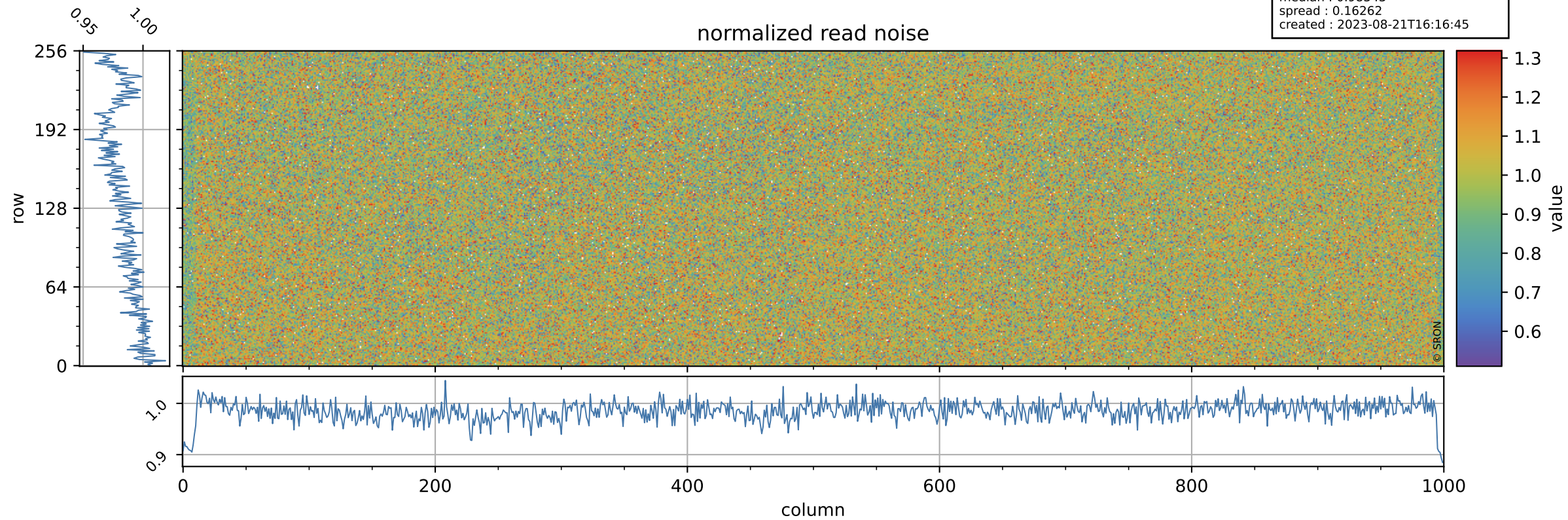
Tropomi SWIR background noise (swir)

orbits : 11 in [21202, 21292]
coverage : 2021-11-16 / 2021-11-21
median : 1.1321 e
spread : 0.065975 e
created : 2023-08-21T16:16:45



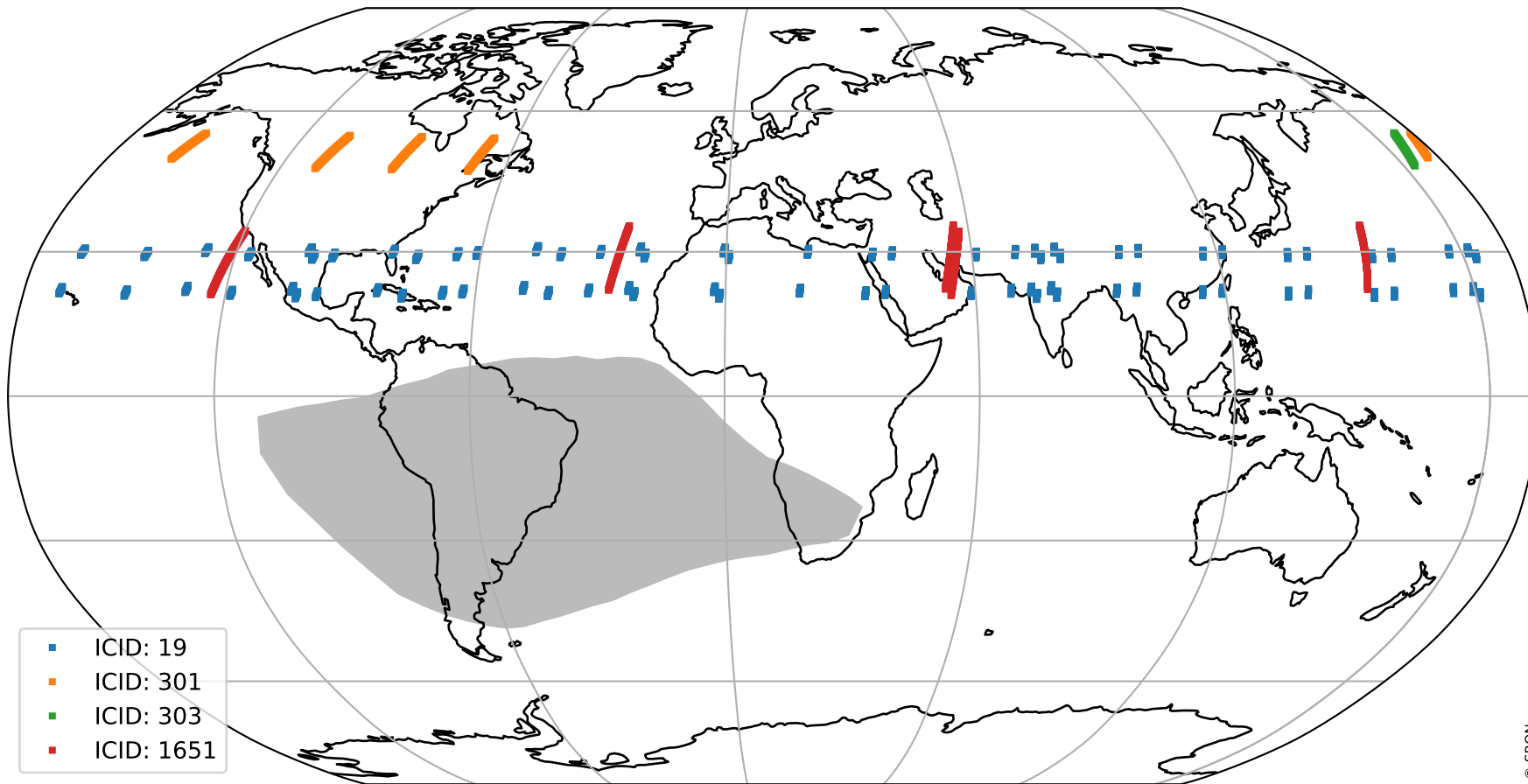
Tropomi SWIR background noise (swir)

orbits : 11 in [21202, 21292]
coverage : 2021-11-16 / 2021-11-21
median : 0.98343
spread : 0.16262
created : 2023-08-21T16:16:45



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

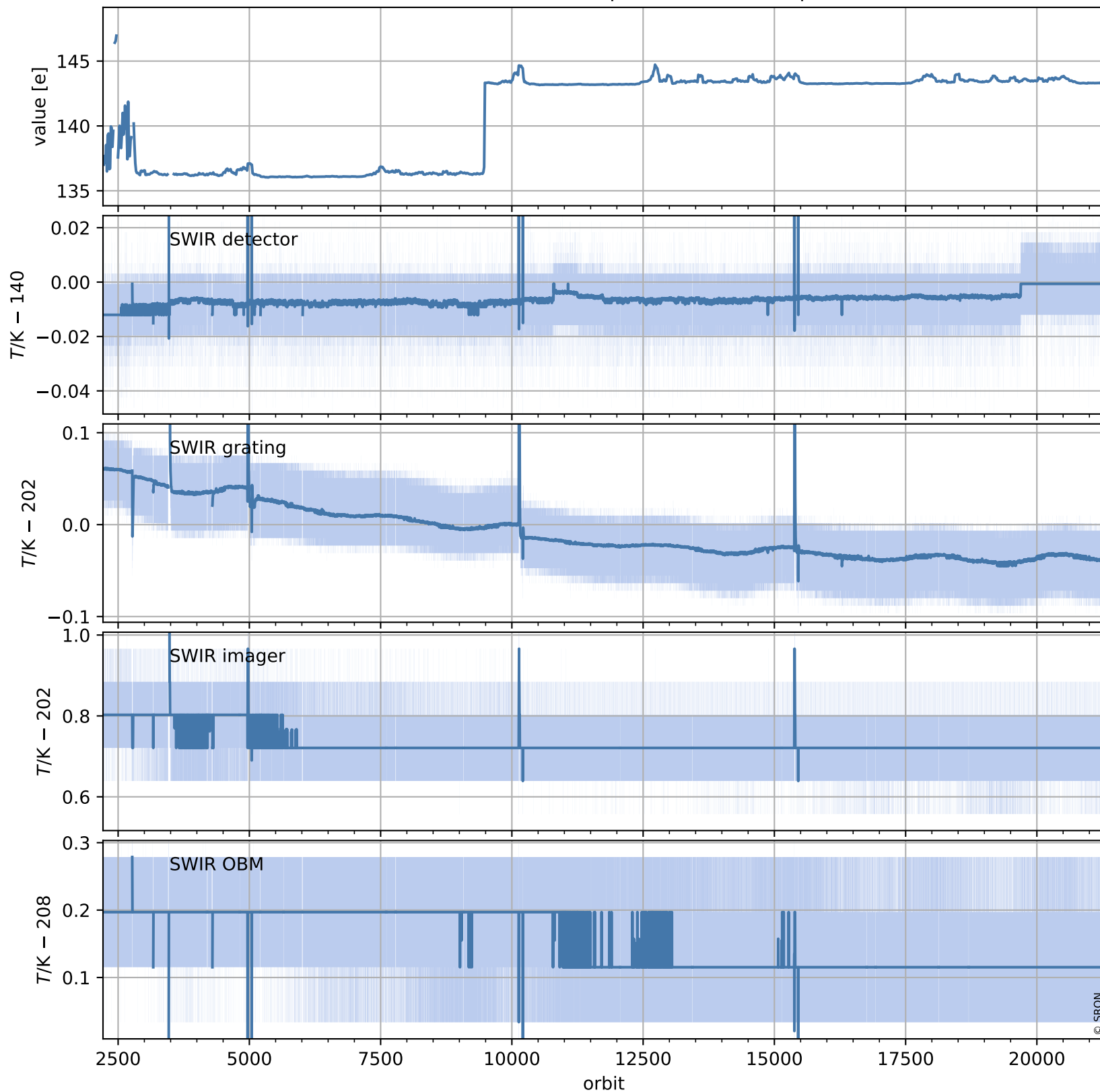
orbits : 11 in [21202, 21292]
coverage : 2021-11-16 / 2021-11-21
created : 2023-08-21T16:16:46



Tropomi SWIR background noise (swir)

orbits : [2212, 21292]
coverage : 2018-03-18 / 2021-11-21
created : 2023-08-21T16:16:46

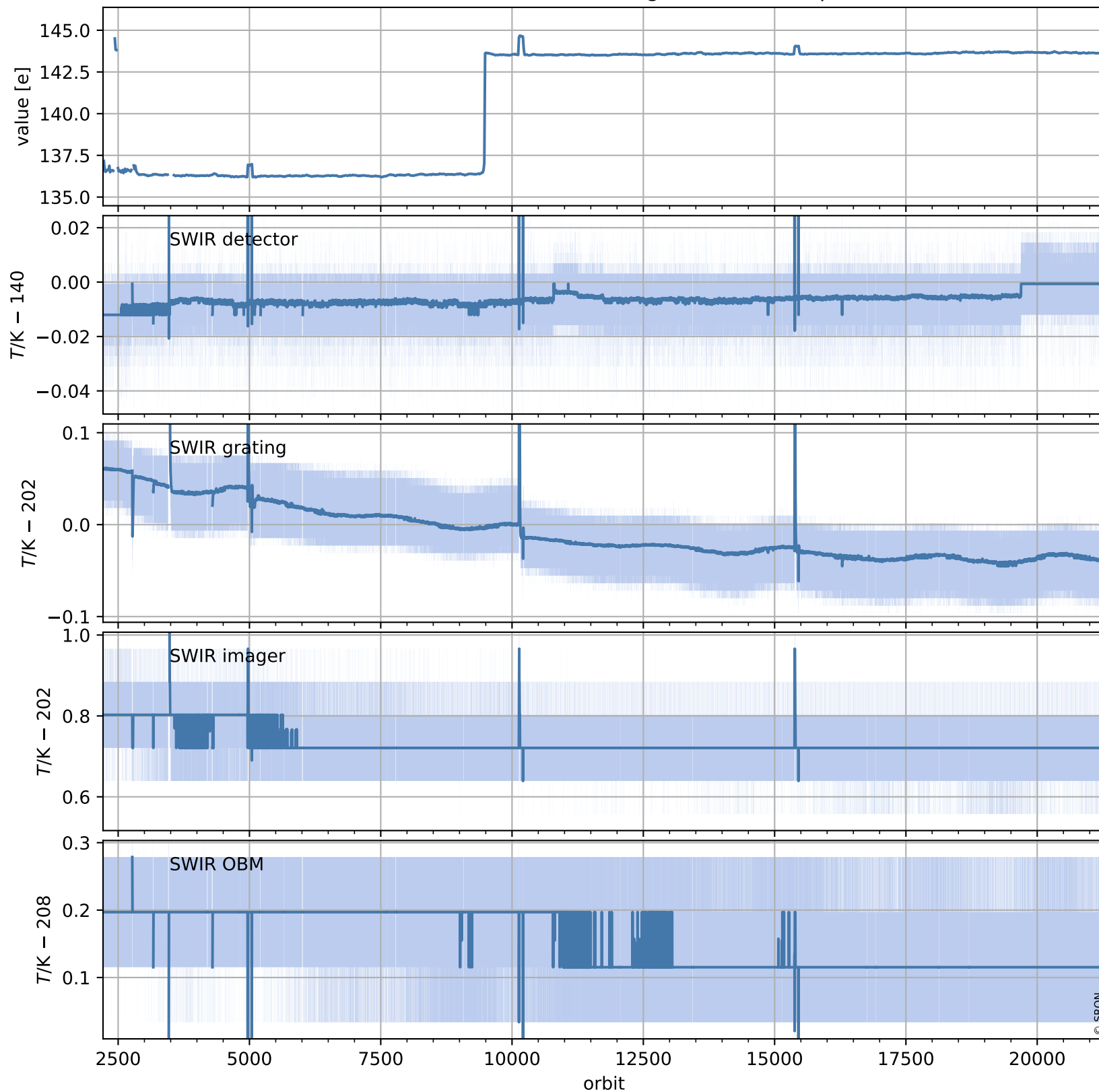
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21292]
coverage : 2018-03-18 / 2021-11-21
created : 2023-08-21T16:16:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21292]
coverage : 2018-03-18 / 2021-11-21
created : 2023-08-21T16:16:48

trend of normalized read-noise & temperatures

