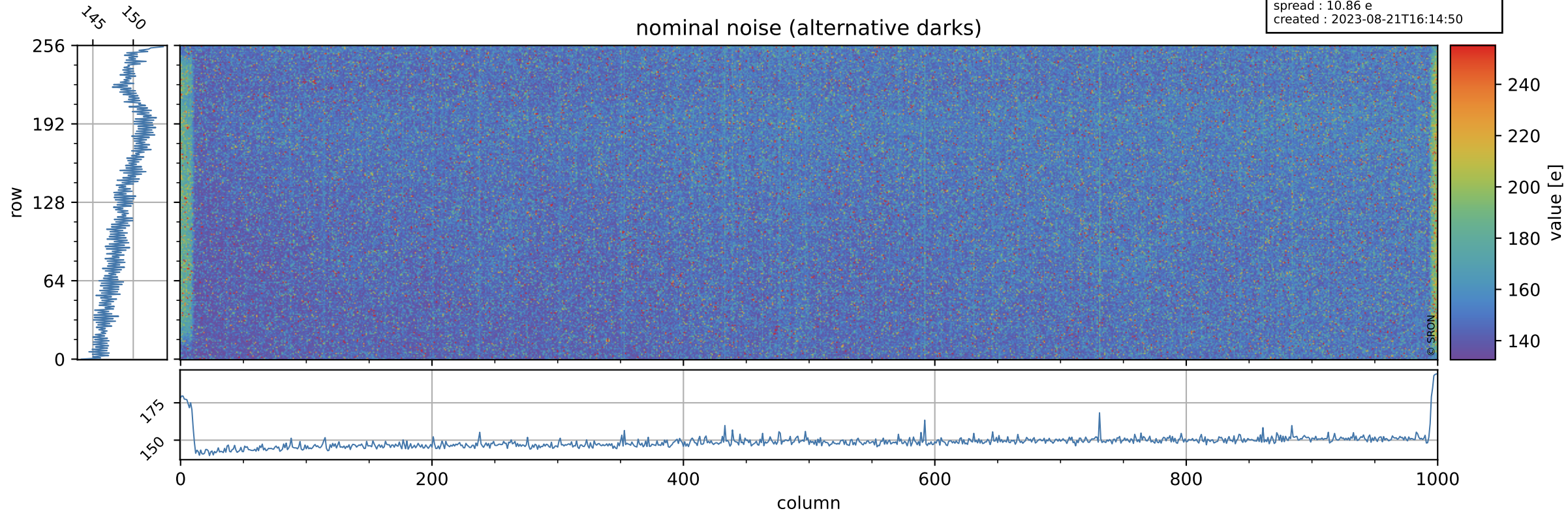


Tropomi SWIR background noise (swir)

orbits : 12 in [20917, 20992]
coverage : 2021-10-26 / 2021-10-31
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.86 e
created : 2023-08-21T16:14:50

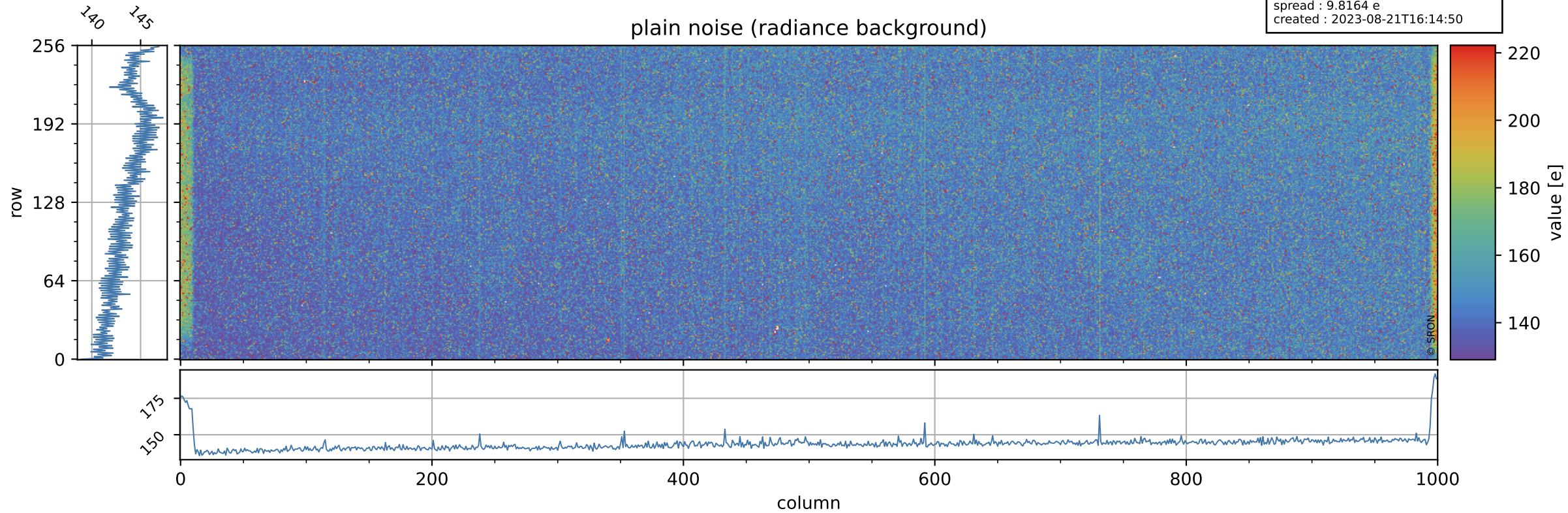
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20917, 20992]
coverage : 2021-10-26 / 2021-10-31
n_coad, t_exp : 1, 0.8383
median : 143.47 e
spread : 9.8164 e
created : 2023-08-21T16:14:50

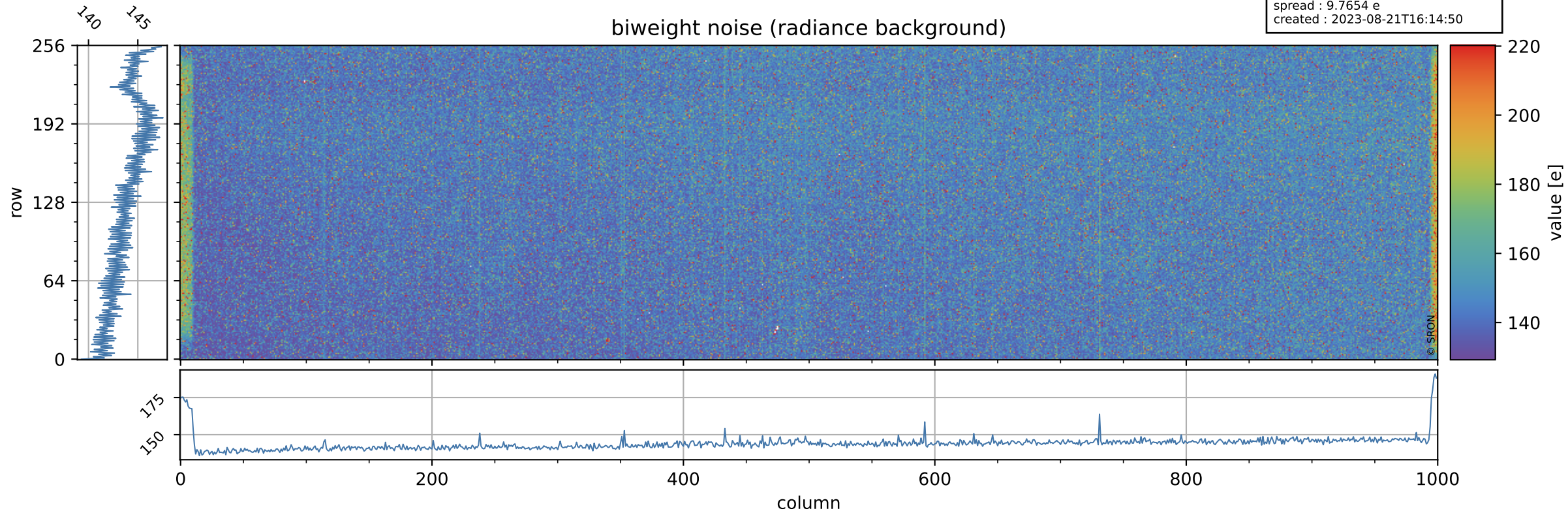
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20917, 20992]
coverage : 2021-10-26 / 2021-10-31
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.7654 e
created : 2023-08-21T16:14:50

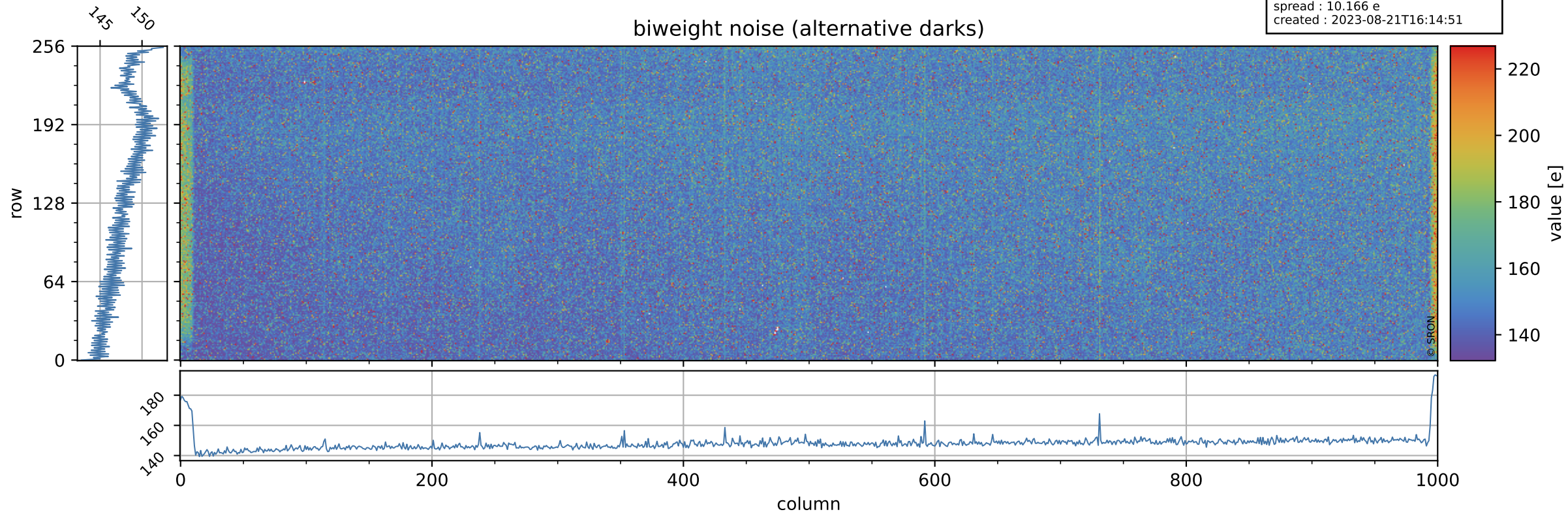
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20917, 20992]
coverage : 2021-10-26 / 2021-10-31
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.166 e
created : 2023-08-21T16:14:51

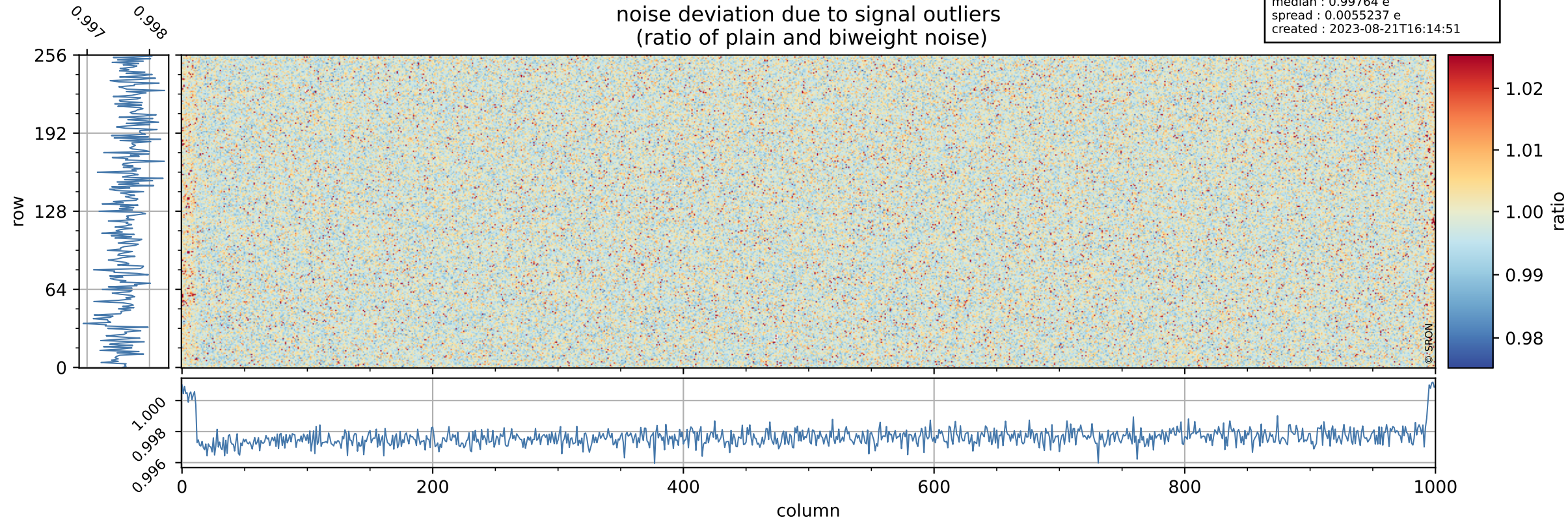
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

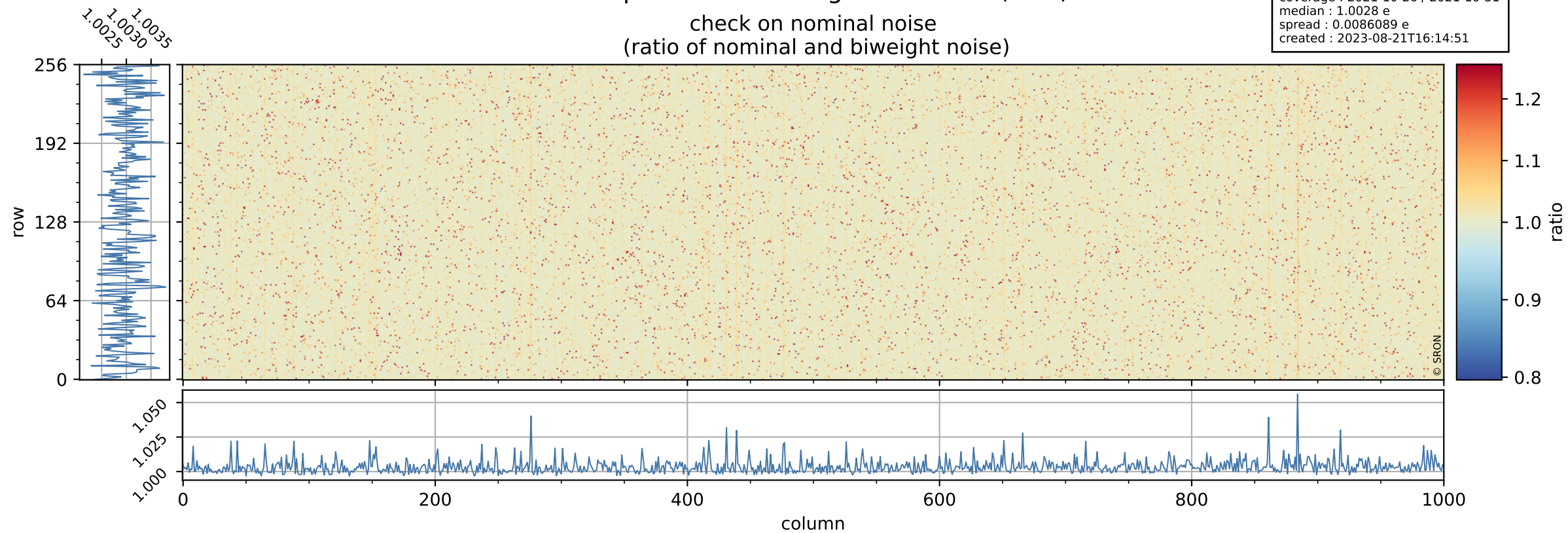
orbits : 12 in [20917, 20992]
coverage : 2021-10-26 / 2021-10-31
median : 0.99764 e
spread : 0.0055237 e
created : 2023-08-21T16:14:51



Tropomi SWIR background noise (swir)

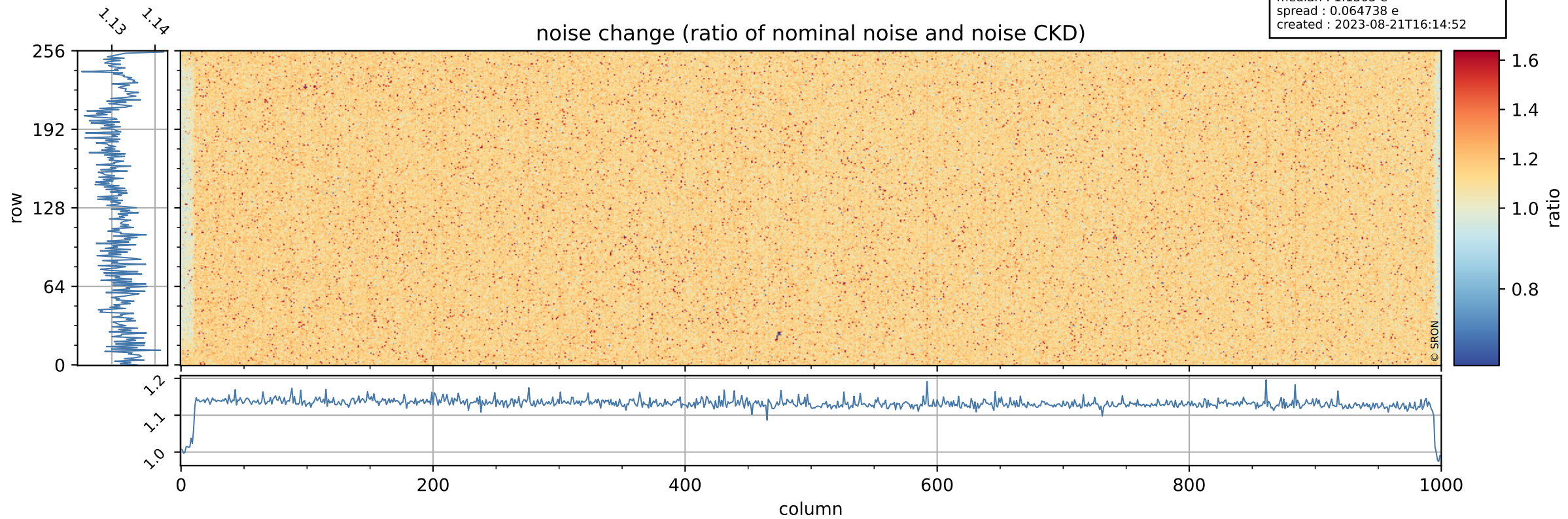
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20917, 20992]
coverage : 2021-10-26 / 2021-10-31
median : 1.0028 e
spread : 0.0086089 e
created : 2023-08-21T16:14:51



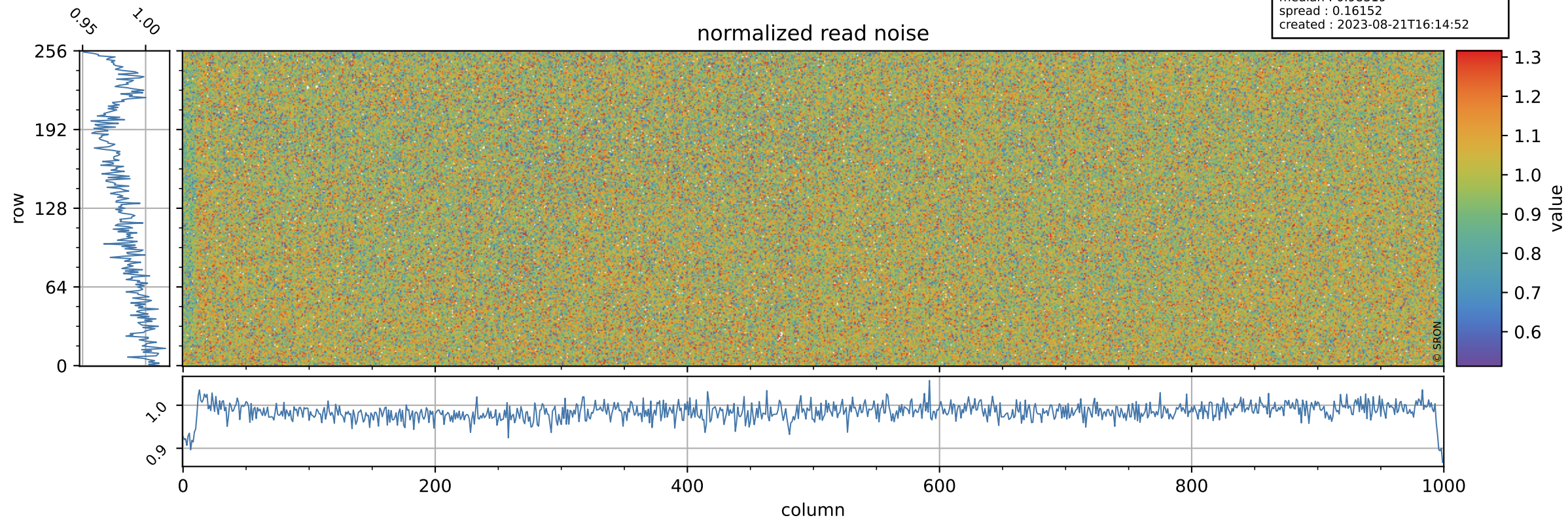
Tropomi SWIR background noise (swir)

orbits : 12 in [20917, 20992]
coverage : 2021-10-26 / 2021-10-31
median : 1.1305 e
spread : 0.064738 e
created : 2023-08-21T16:14:52



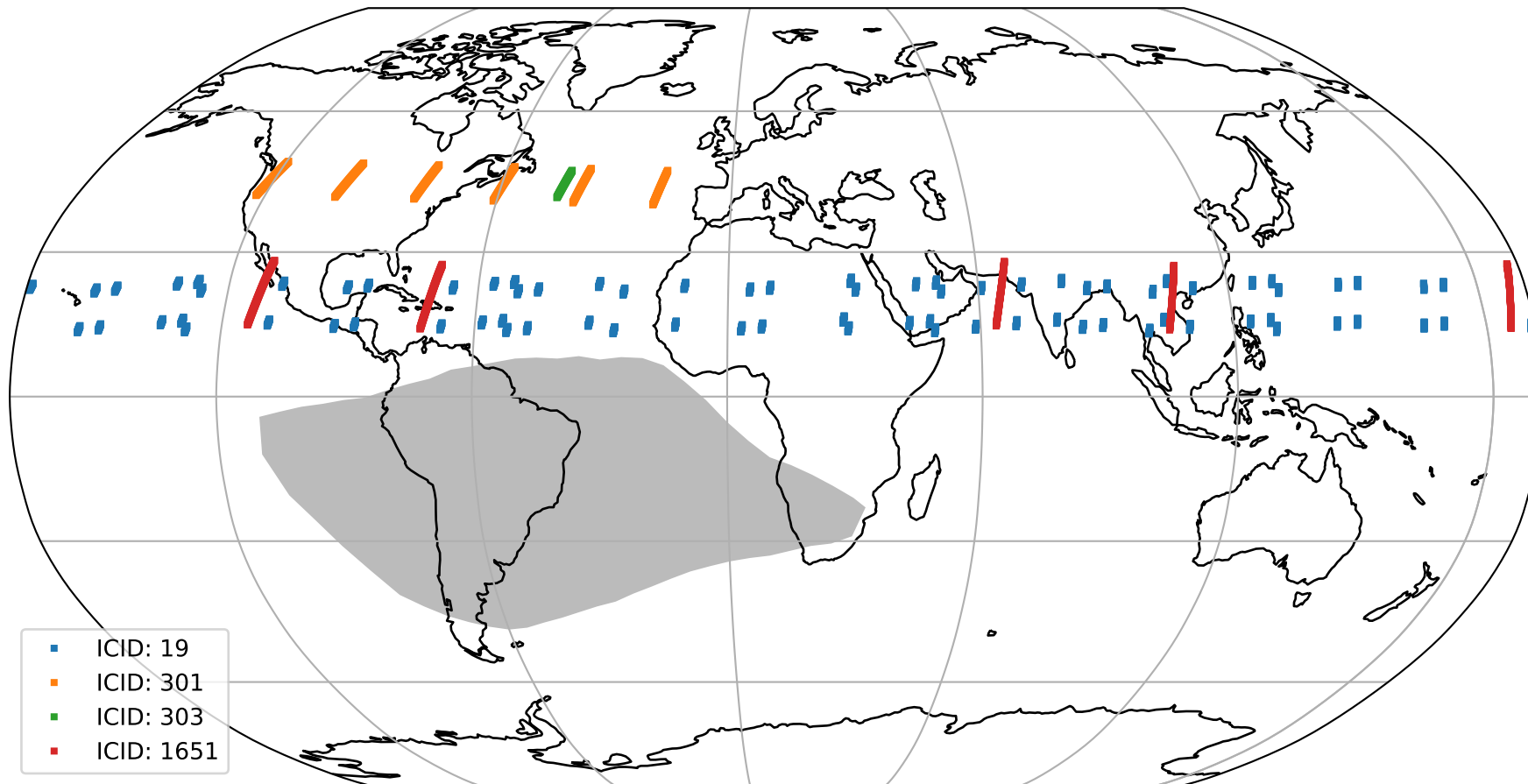
Tropomi SWIR background noise (swir)

orbits : 12 in [20917, 20992]
coverage : 2021-10-26 / 2021-10-31
median : 0.98319
spread : 0.16152
created : 2023-08-21T16:14:52



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

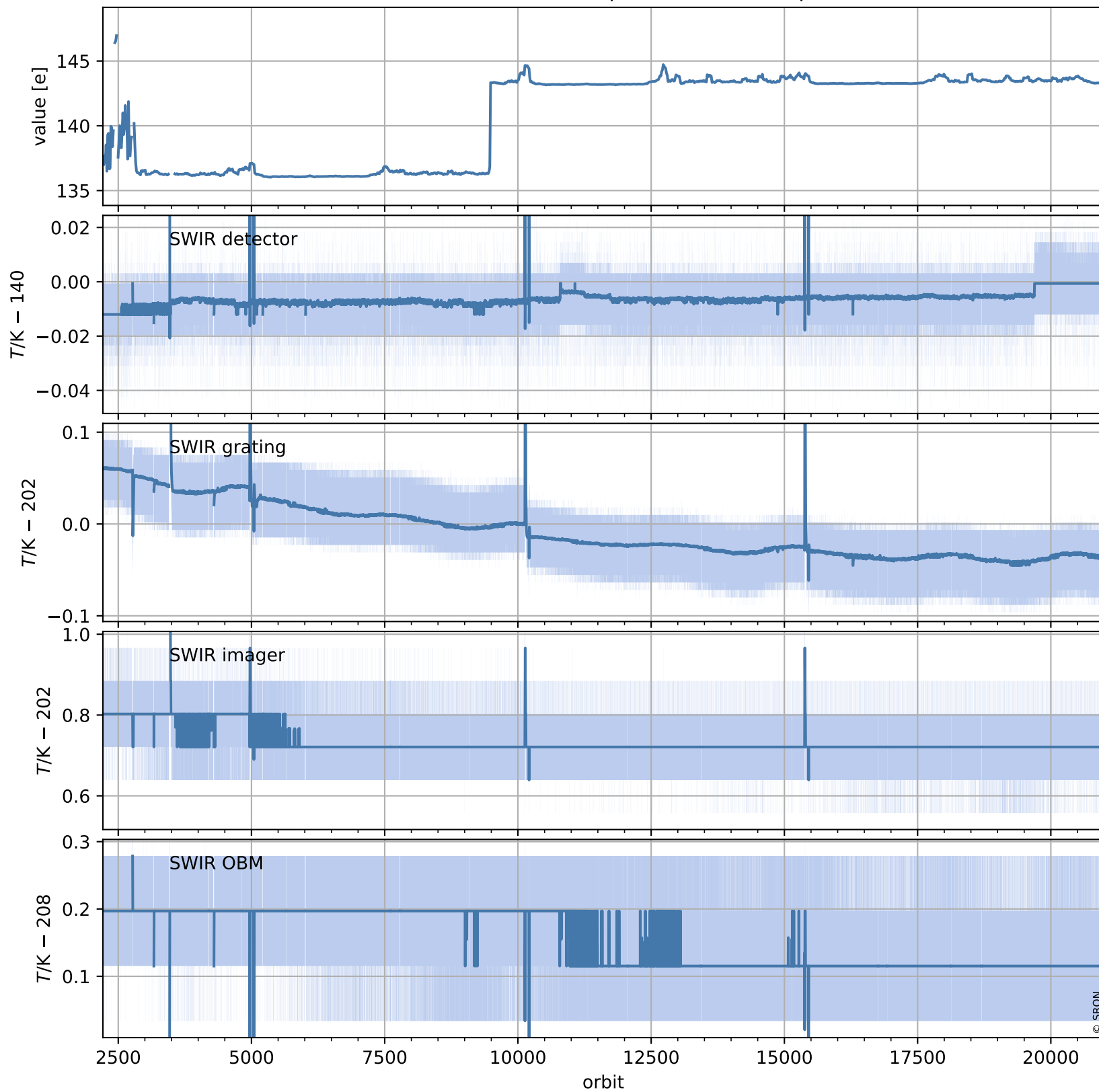
orbits : 12 in [20917, 20992]
coverage : 2021-10-26 / 2021-10-31
created : 2023-08-21T16:14:52



Tropomi SWIR background noise (swir)

orbits : [2212, 20992]
coverage : 2018-03-18 / 2021-10-31
created : 2023-08-21T16:14:53

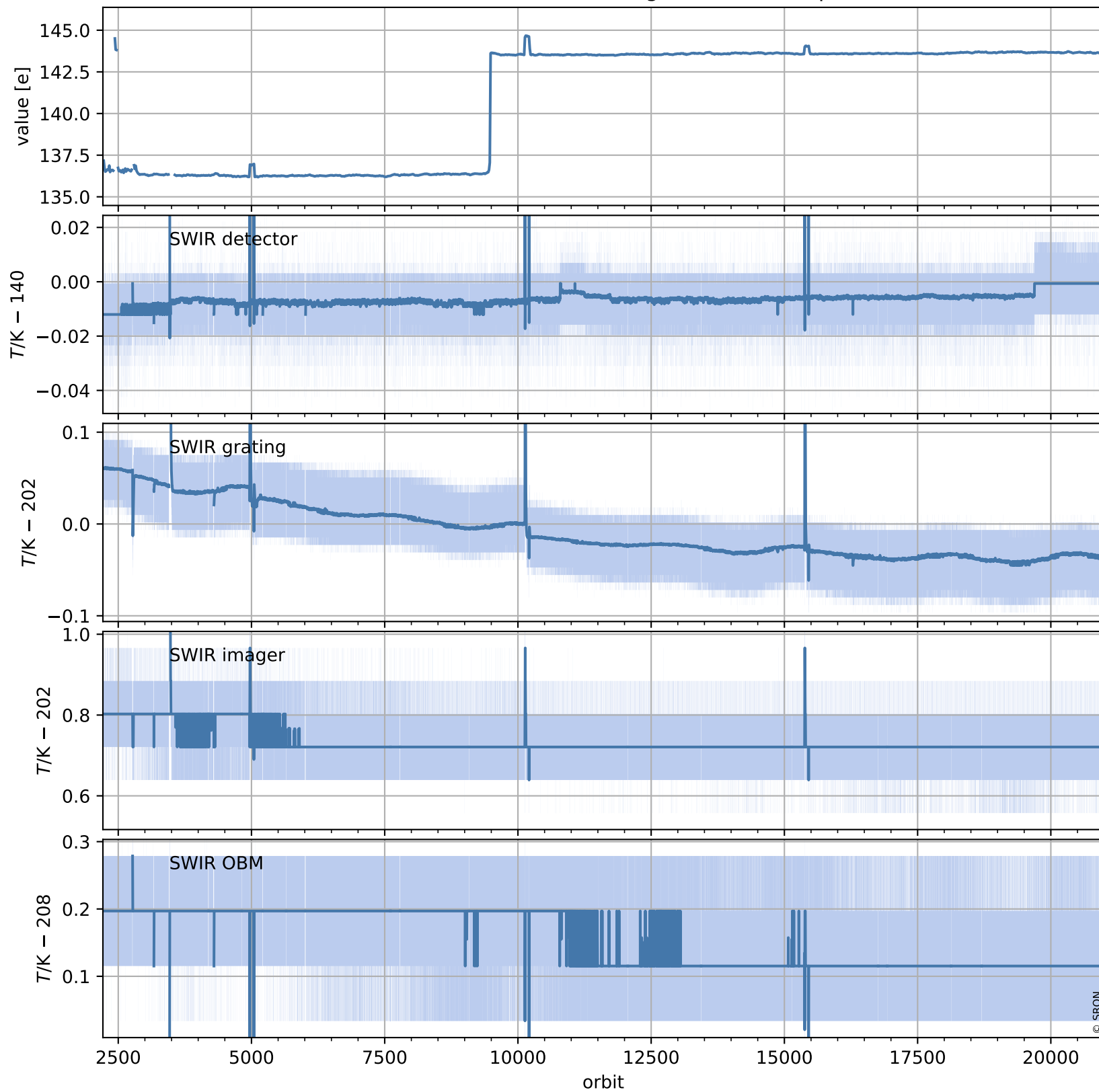
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20992]
coverage : 2018-03-18 / 2021-10-31
created : 2023-08-21T16:14:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20992]
coverage : 2018-03-18 / 2021-10-31
created : 2023-08-21T16:14:54

trend of normalized read-noise & temperatures

