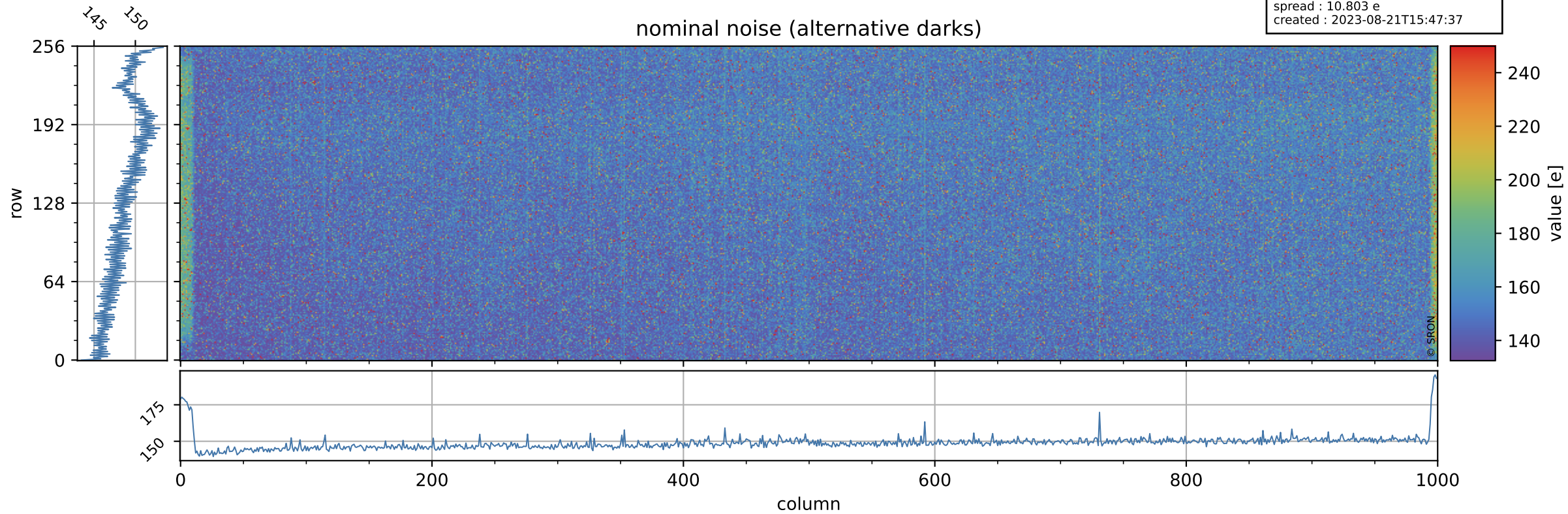


Tropomi SWIR background noise (swir)

orbits : 12 in [16342, 16432]
coverage : 2020-12-08 / 2020-12-14
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 10.803 e
created : 2023-08-21T15:47:37

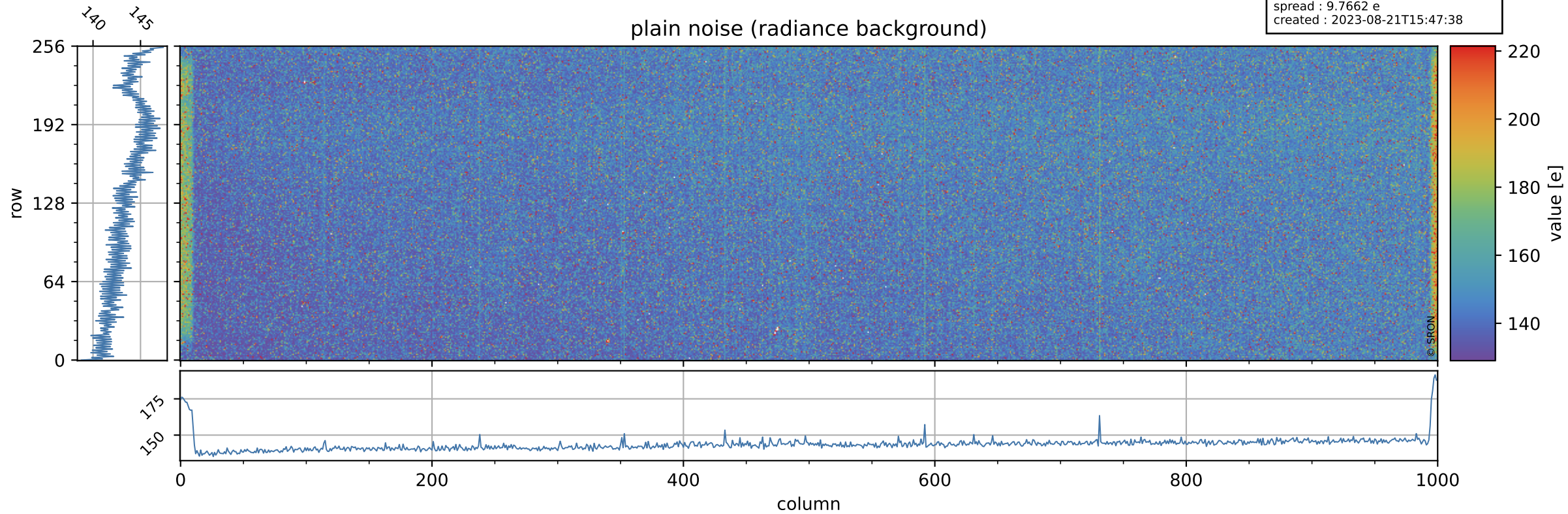
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16342, 16432]
coverage : 2020-12-08 / 2020-12-14
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7662 e
created : 2023-08-21T15:47:38

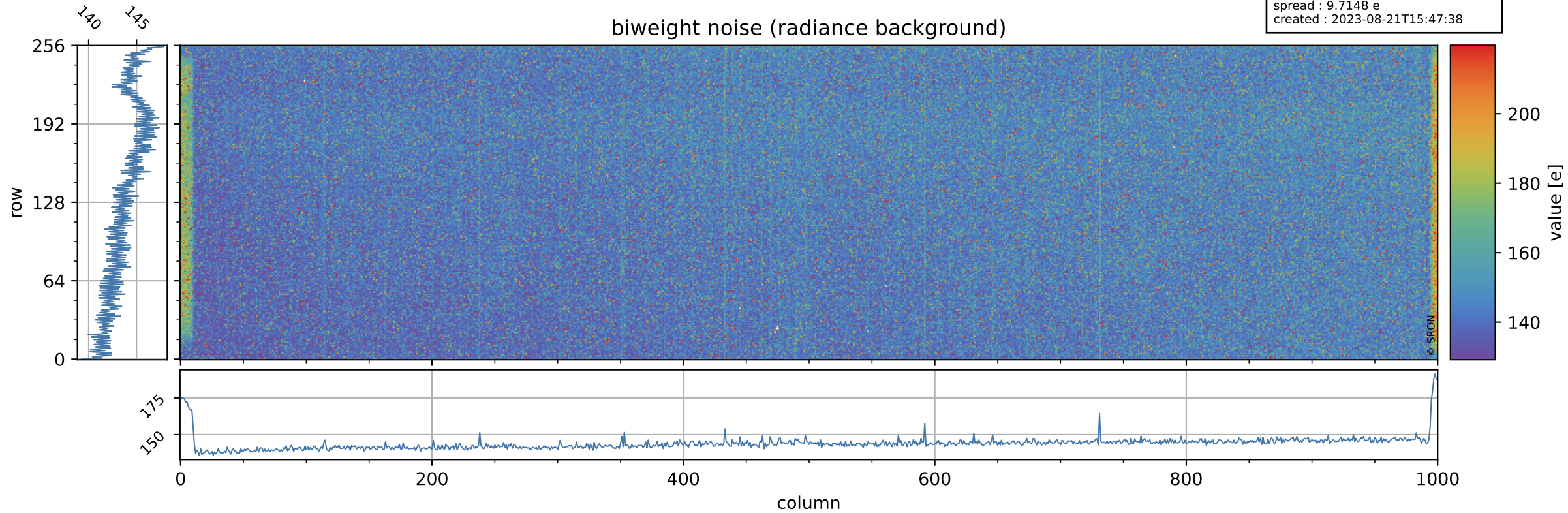
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16342, 16432]
coverage : 2020-12-08 / 2020-12-14
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.7148 e
created : 2023-08-21T15:47:38

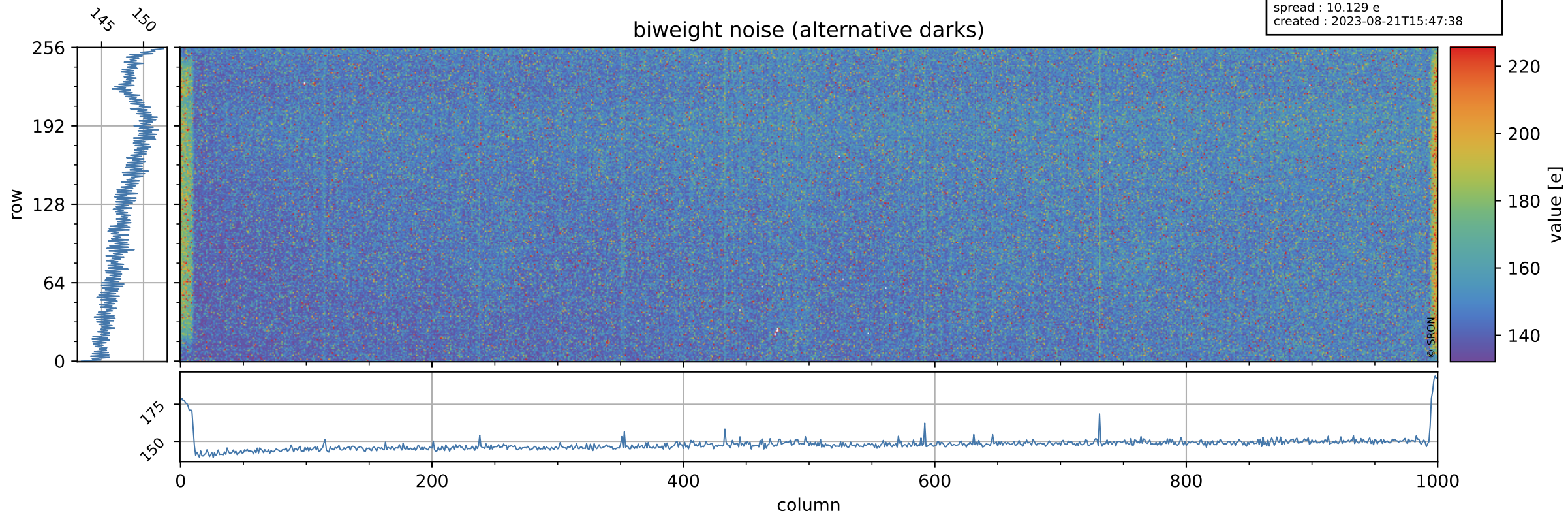
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16342, 16432]
coverage : 2020-12-08 / 2020-12-14
n_coad, t_exp : 1, 1.0783
median : 147.69 e
spread : 10.129 e
created : 2023-08-21T15:47:38

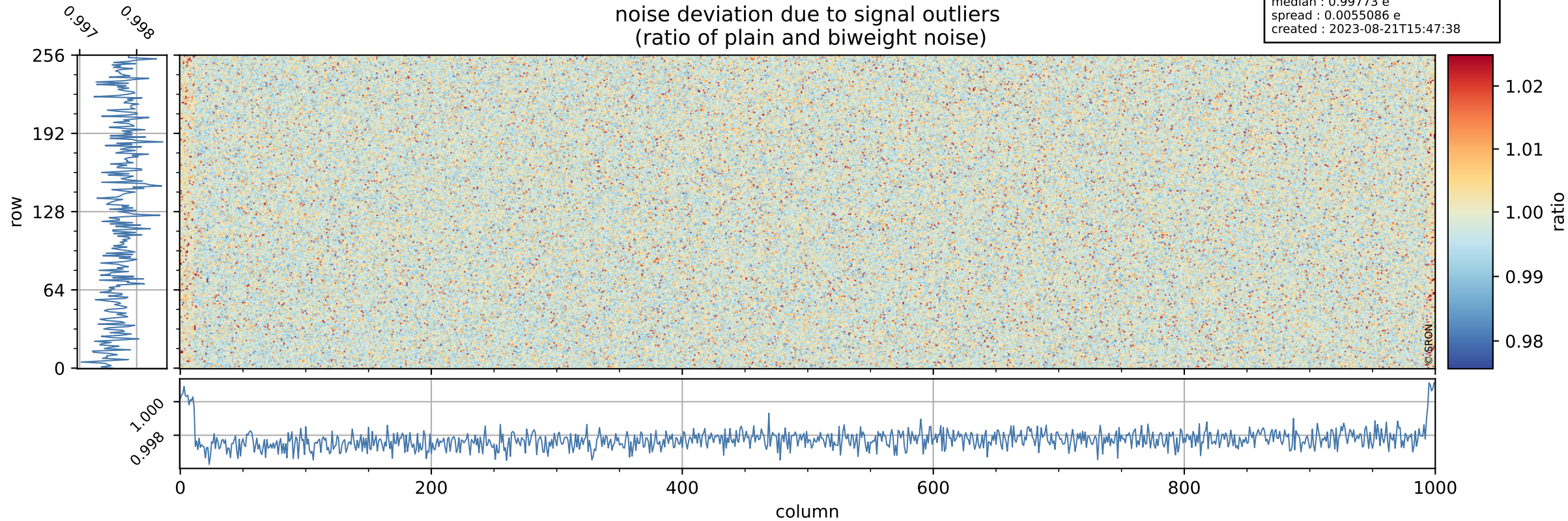
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

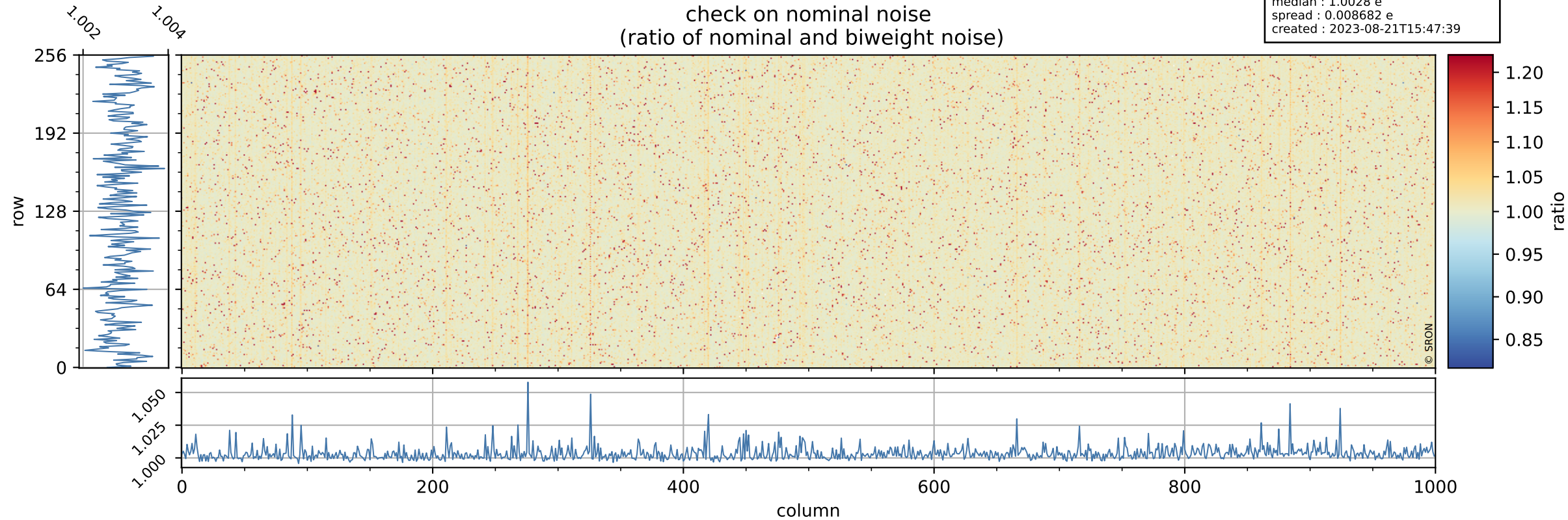
orbits : 12 in [16342, 16432]
coverage : 2020-12-08 / 2020-12-14
median : 0.99773 e
spread : 0.0055086 e
created : 2023-08-21T15:47:38



Tropomi SWIR background noise (swir)

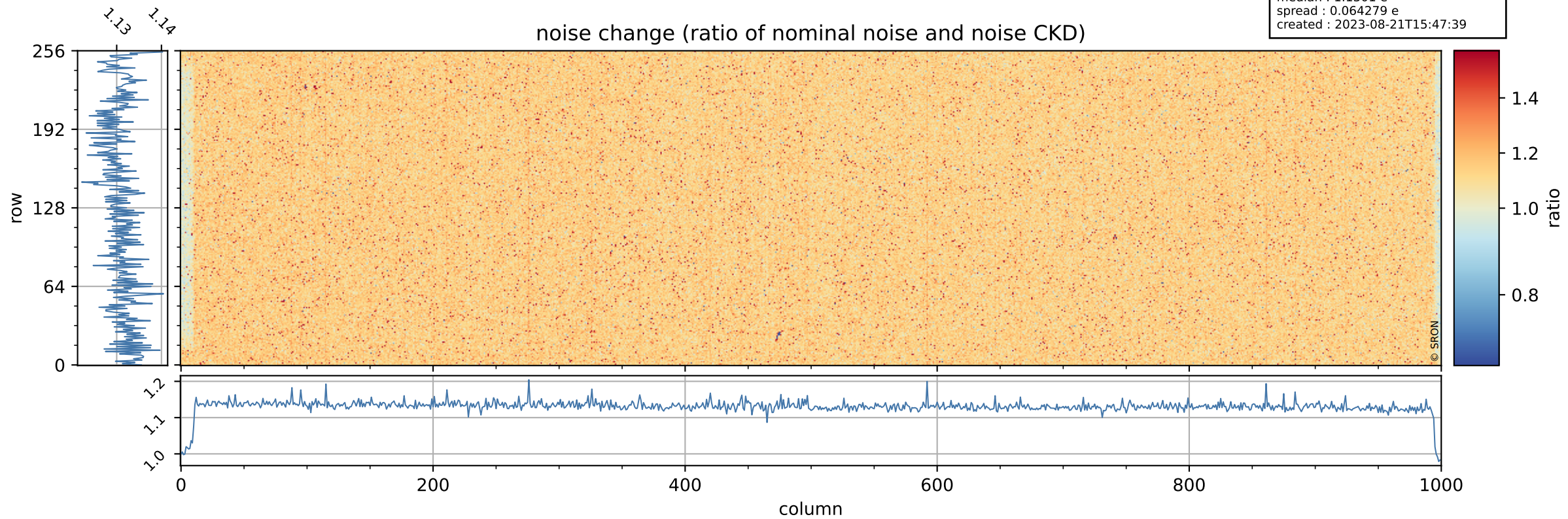
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16342, 16432]
coverage : 2020-12-08 / 2020-12-14
median : 1.0028 e
spread : 0.008682 e
created : 2023-08-21T15:47:39



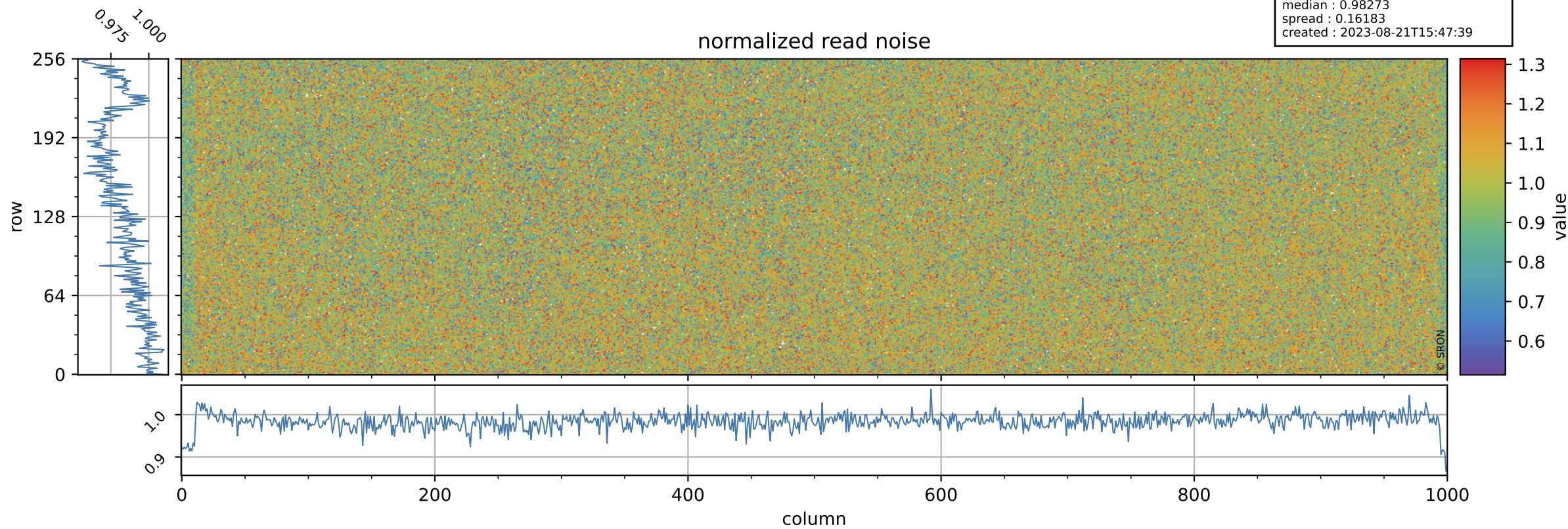
Tropomi SWIR background noise (swir)

orbits : 12 in [16342, 16432]
coverage : 2020-12-08 / 2020-12-14
median : 1.1301 e
spread : 0.064279 e
created : 2023-08-21T15:47:39



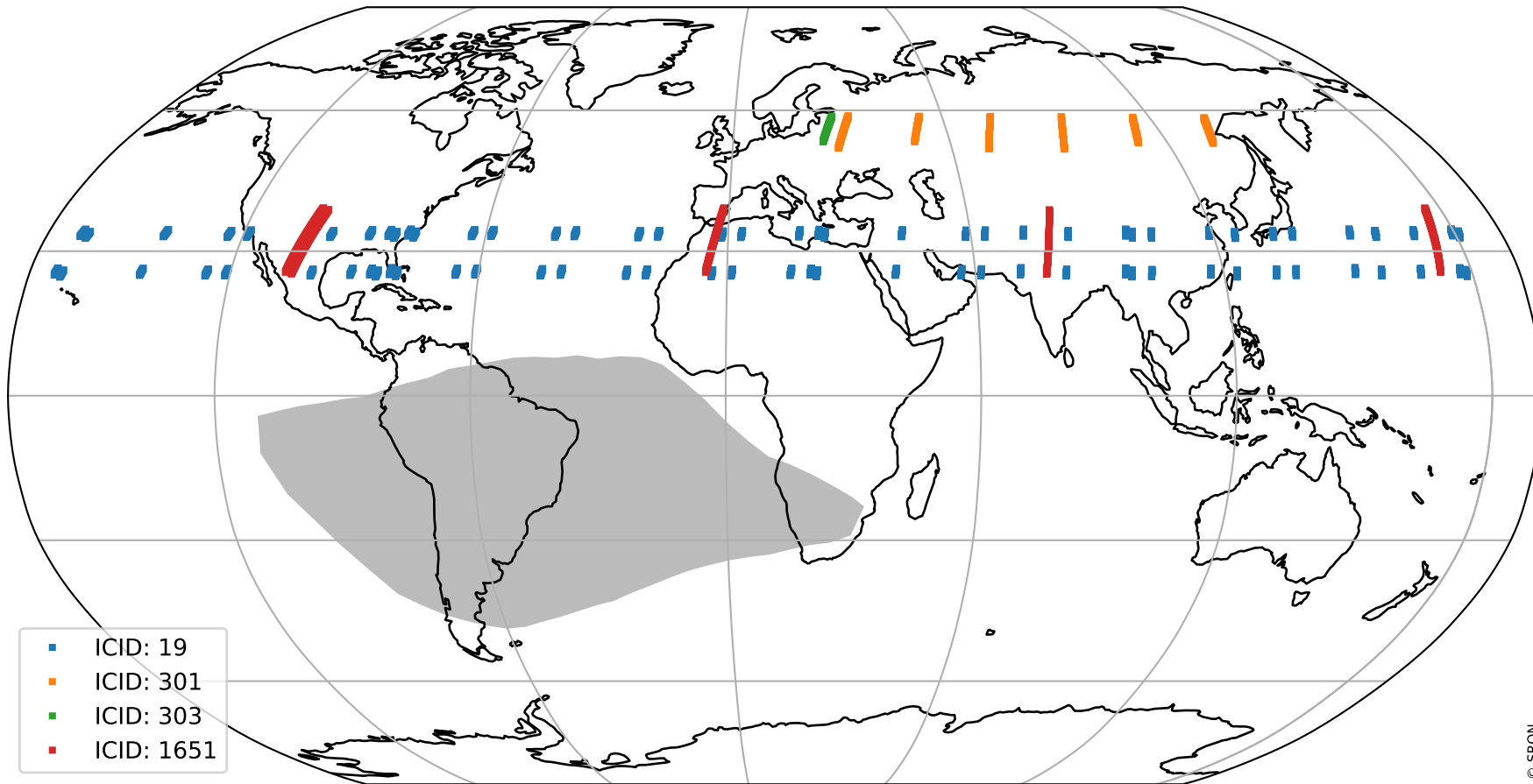
Tropomi SWIR background noise (swir)

orbits : 12 in [16342, 16432]
coverage : 2020-12-08 / 2020-12-14
median : 0.98273
spread : 0.16183
created : 2023-08-21T15:47:39



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

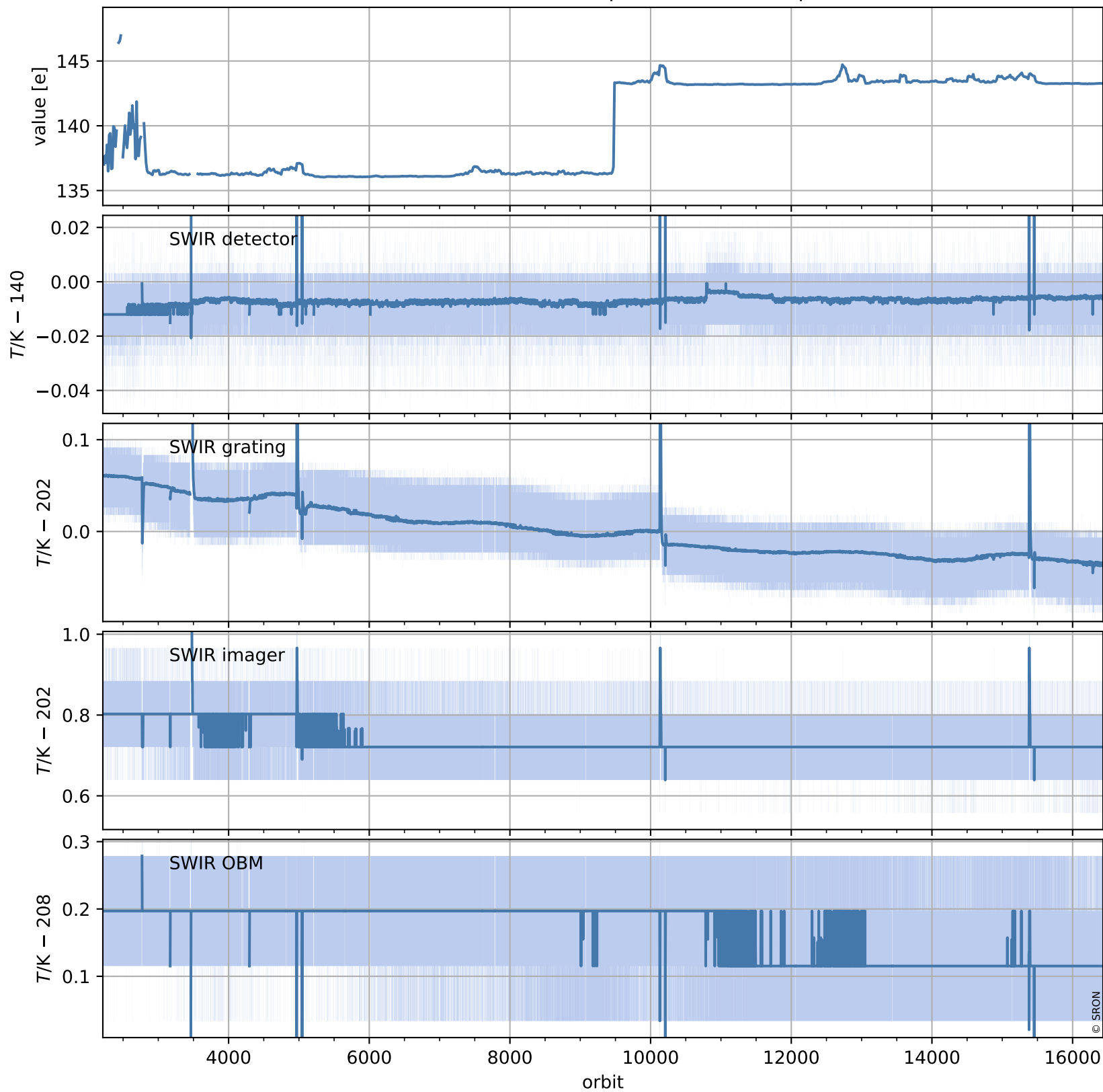
orbits : 12 in [16342, 16432]
coverage : 2020-12-08 / 2020-12-14
created : 2023-08-21T15:47:40



Tropomi SWIR background noise (swir)

orbits : [2212, 16432]
coverage : 2018-03-18 / 2020-12-14
created : 2023-08-21T15:47:40

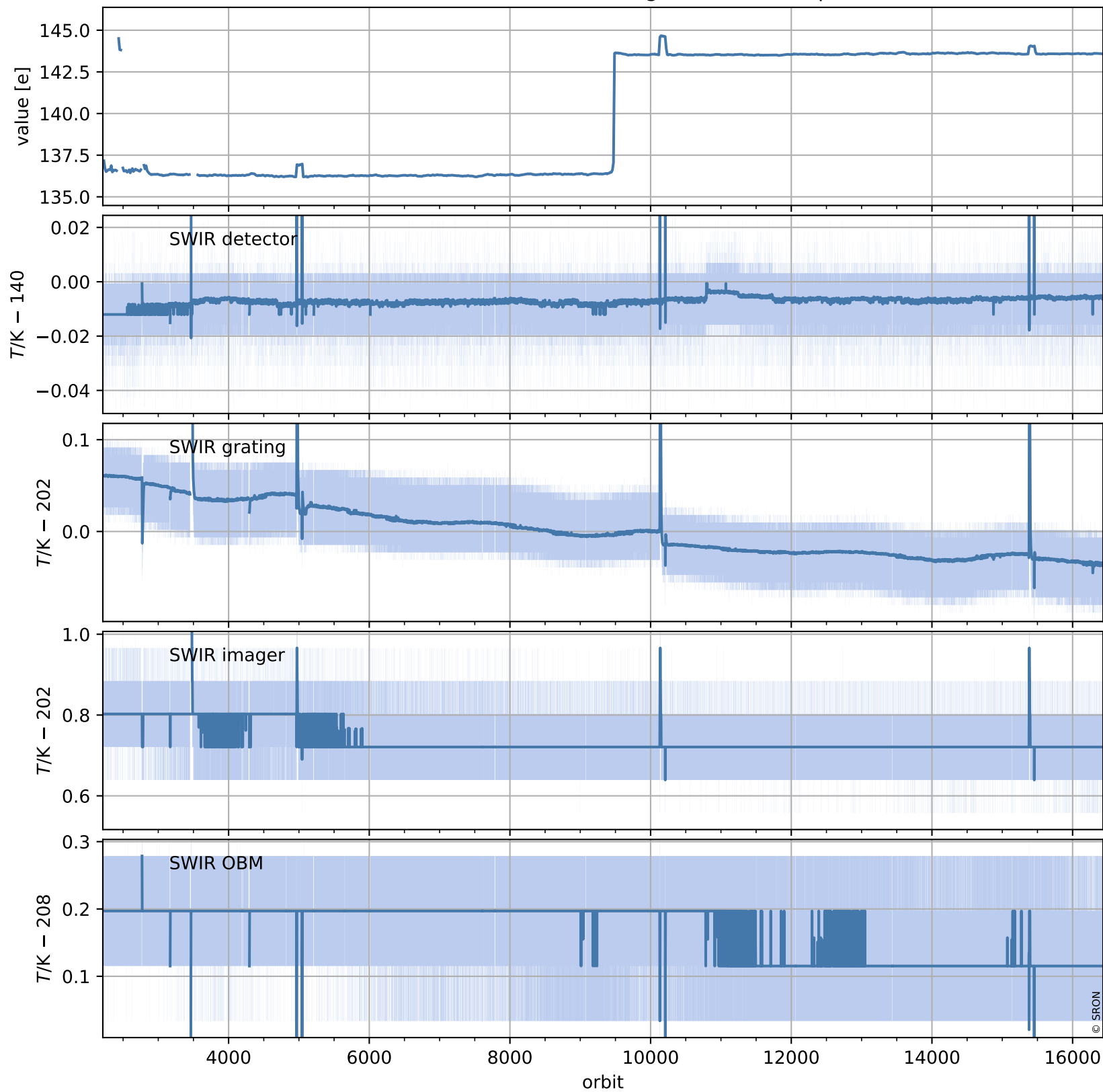
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16432]
coverage : 2018-03-18 / 2020-12-14
created : 2023-08-21T15:47:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16432]
coverage : 2018-03-18 / 2020-12-14
created : 2023-08-21T15:47:41

trend of normalized read-noise & temperatures

