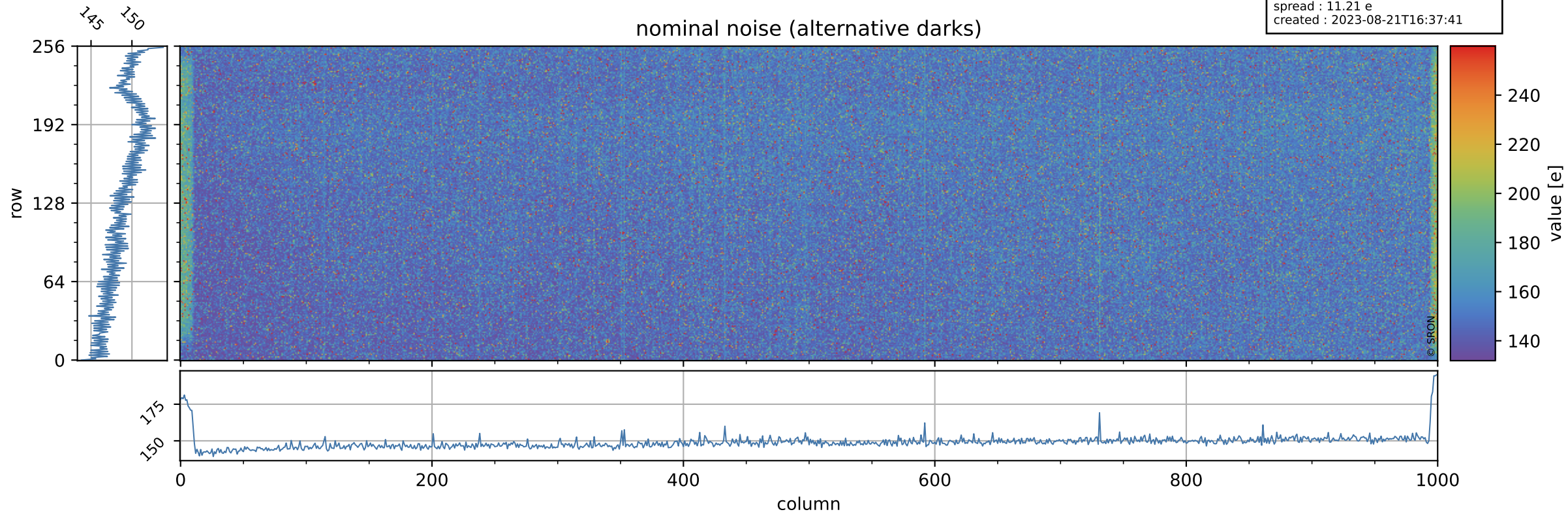


Tropomi SWIR background noise (swir)

orbits : 12 in [24502, 24577]
coverage : 2022-07-05 / 2022-07-11
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 11.21 e
created : 2023-08-21T16:37:41

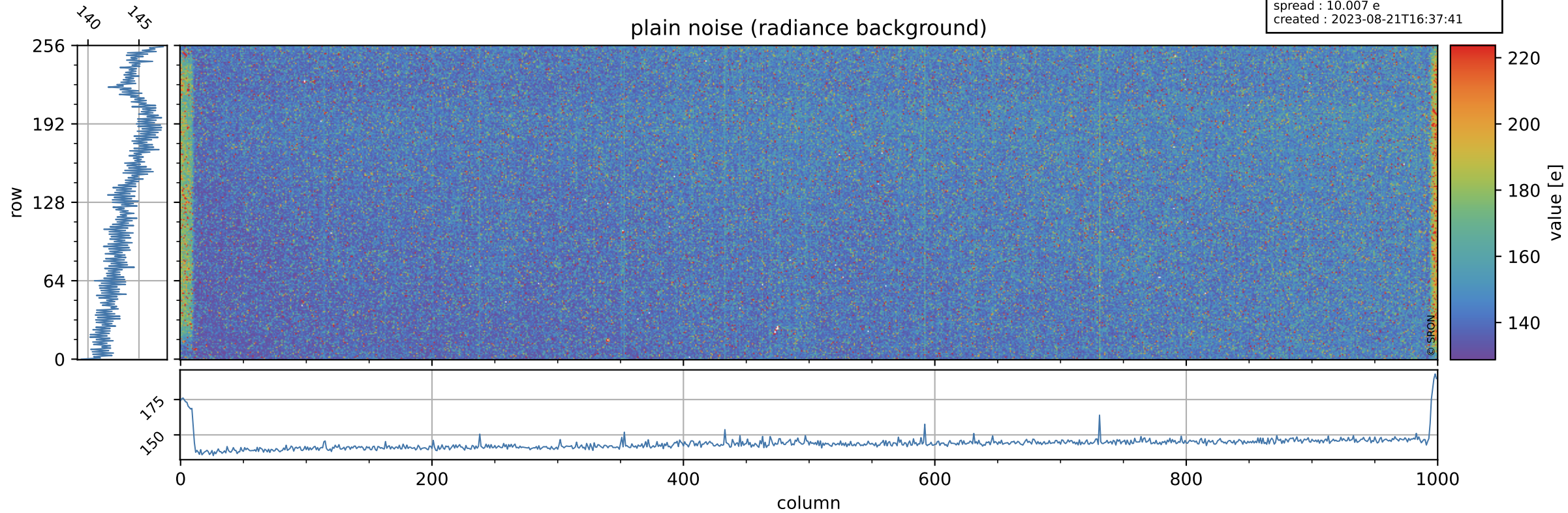
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24502, 24577]
coverage : 2022-07-05 / 2022-07-11
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 10.007 e
created : 2023-08-21T16:37:41

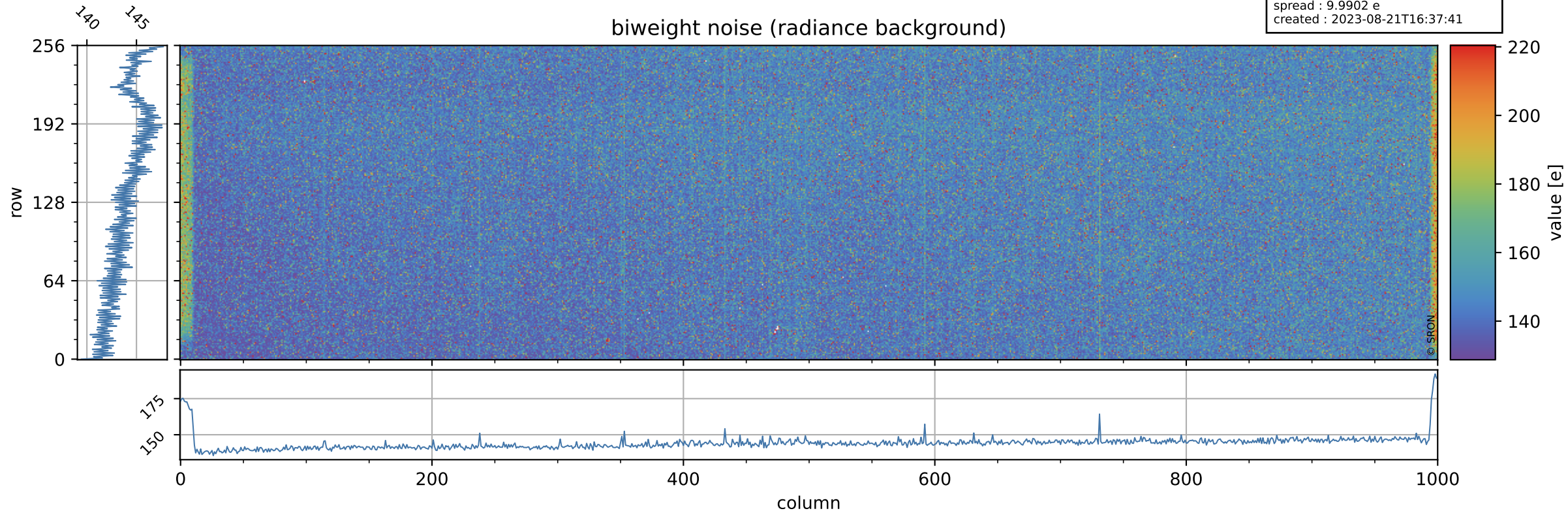
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24502, 24577]
coverage : 2022-07-05 / 2022-07-11
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 9.9902 e
created : 2023-08-21T16:37:41

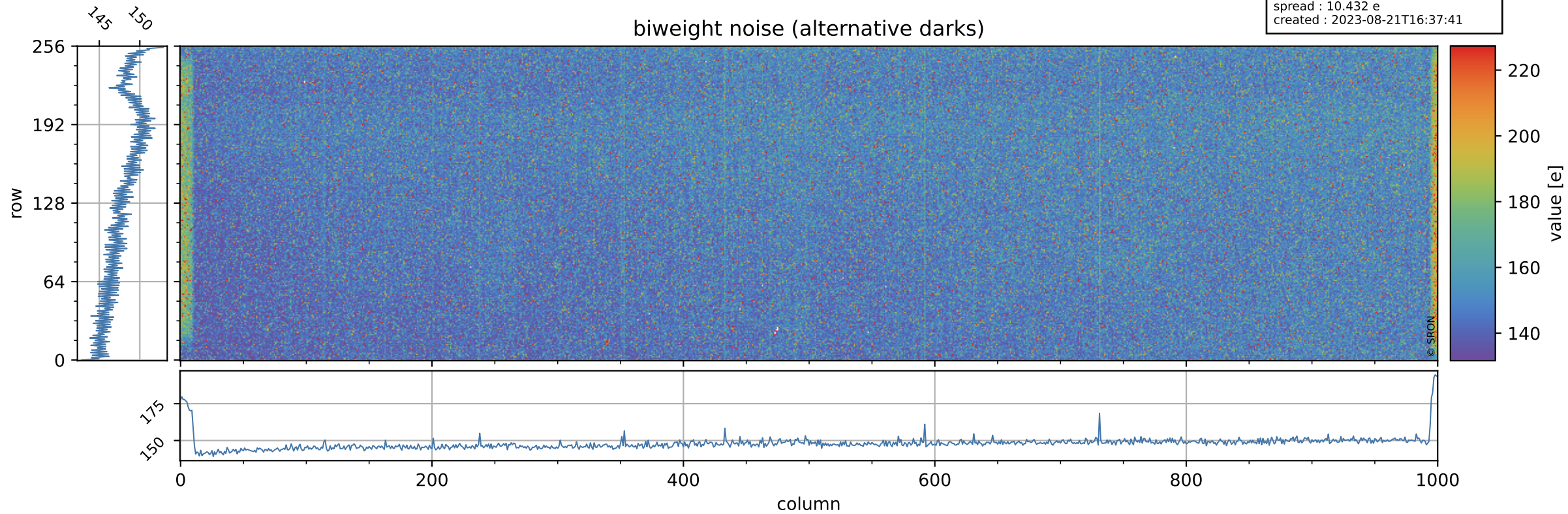
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24502, 24577]
coverage : 2022-07-05 / 2022-07-11
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.432 e
created : 2023-08-21T16:37:41

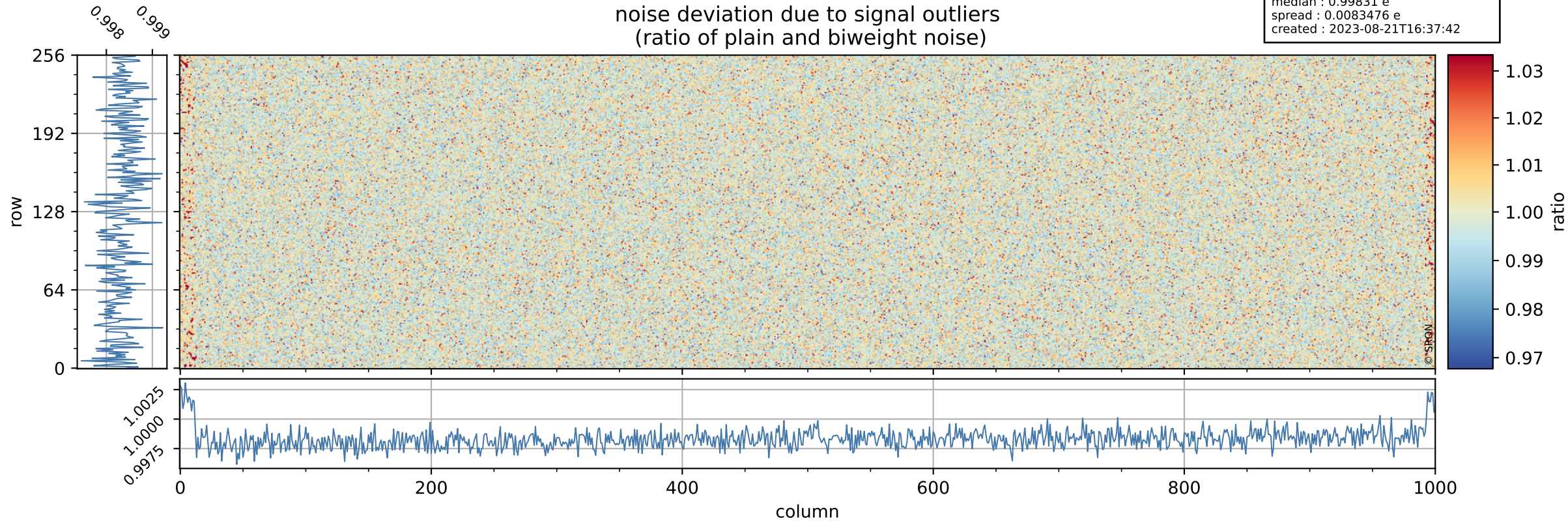
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

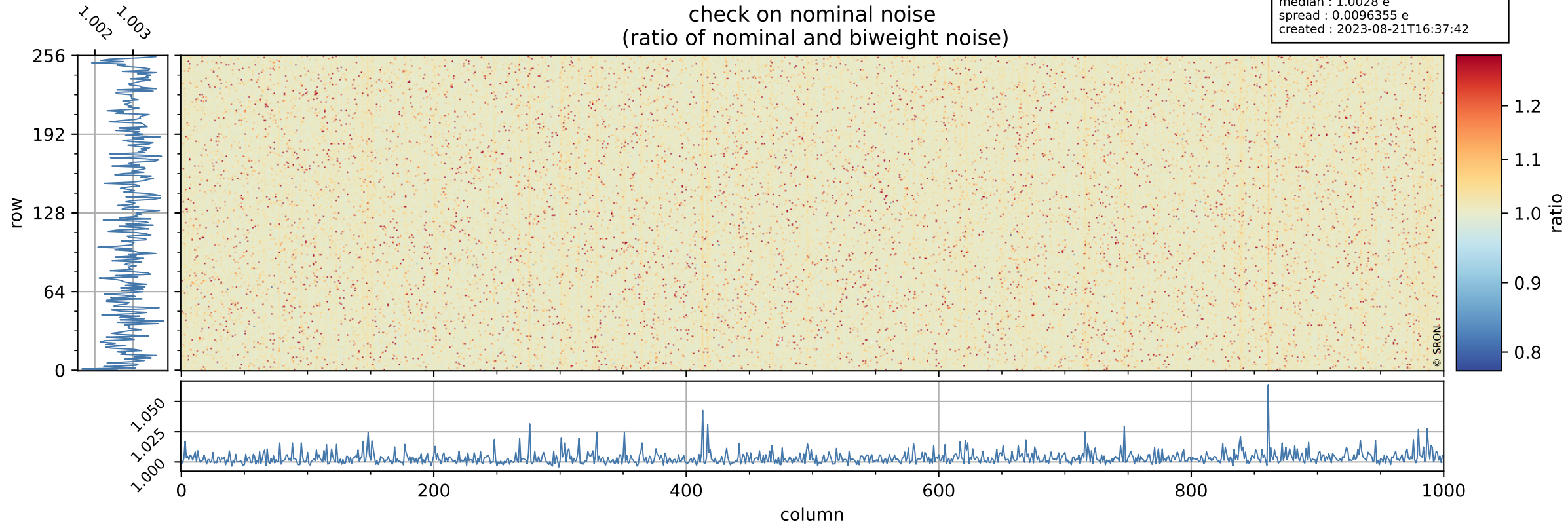
orbits : 12 in [24502, 24577]
coverage : 2022-07-05 / 2022-07-11
median : 0.99831 e
spread : 0.0083476 e
created : 2023-08-21T16:37:42



Tropomi SWIR background noise (swir)

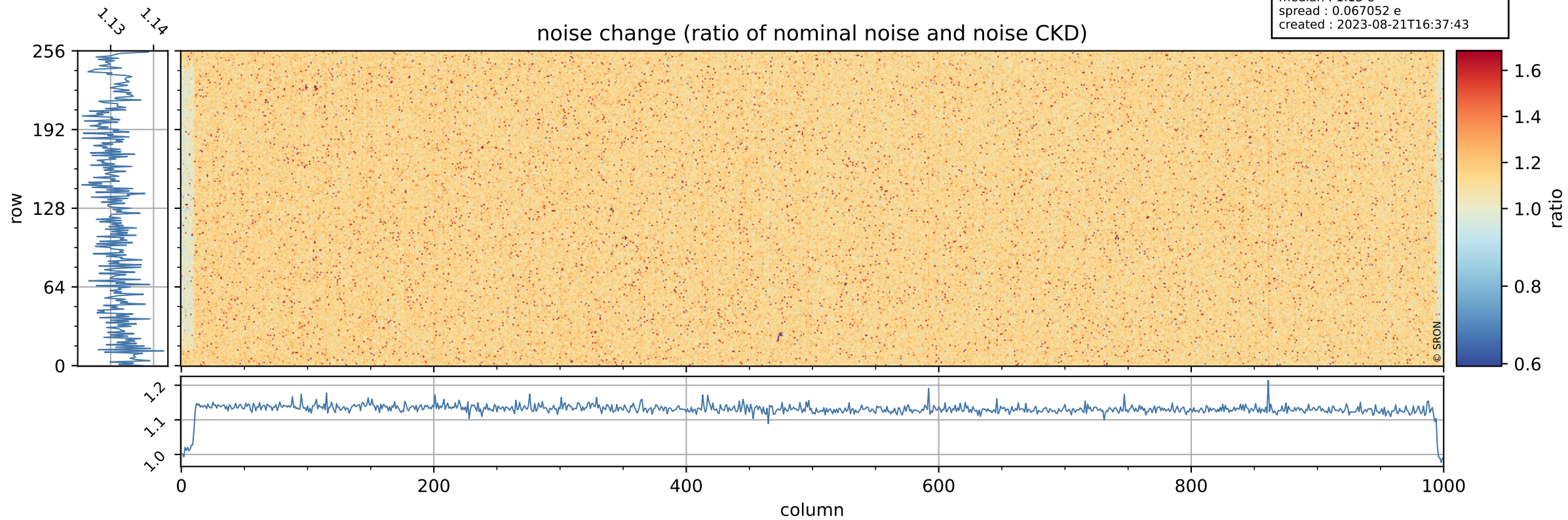
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24502, 24577]
coverage : 2022-07-05 / 2022-07-11
median : 1.0028 e
spread : 0.0096355 e
created : 2023-08-21T16:37:42



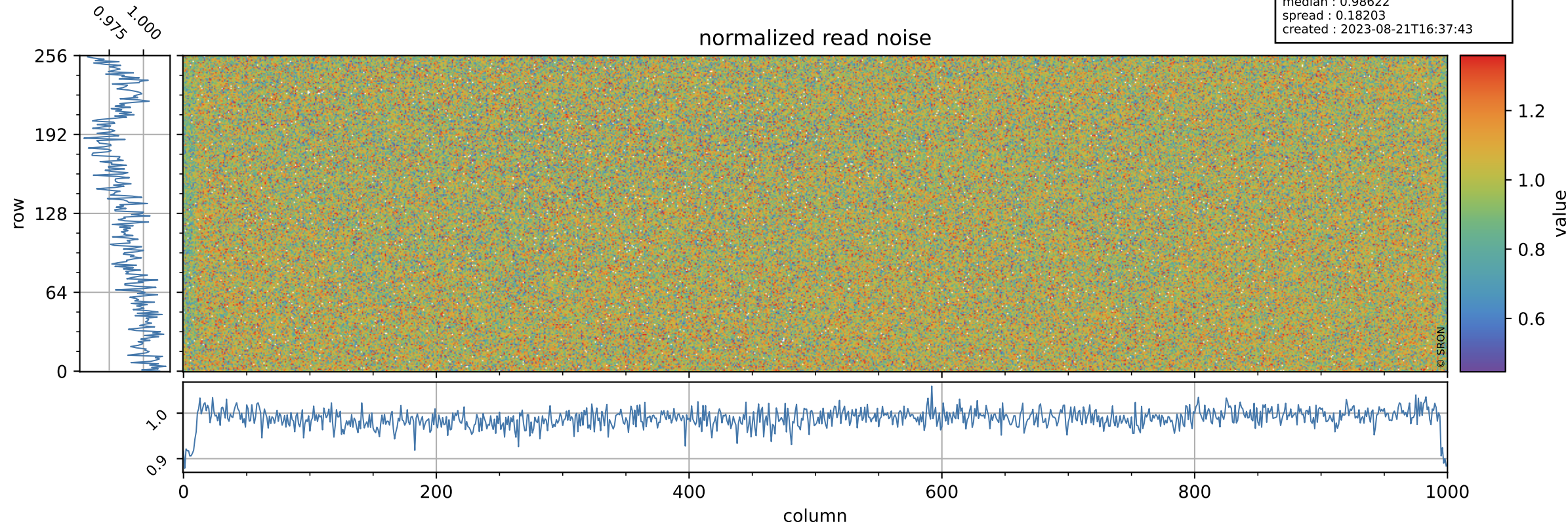
Tropomi SWIR background noise (swir)

orbits : 12 in [24502, 24577]
coverage : 2022-07-05 / 2022-07-11
median : 1.13 e
spread : 0.067052 e
created : 2023-08-21T16:37:43



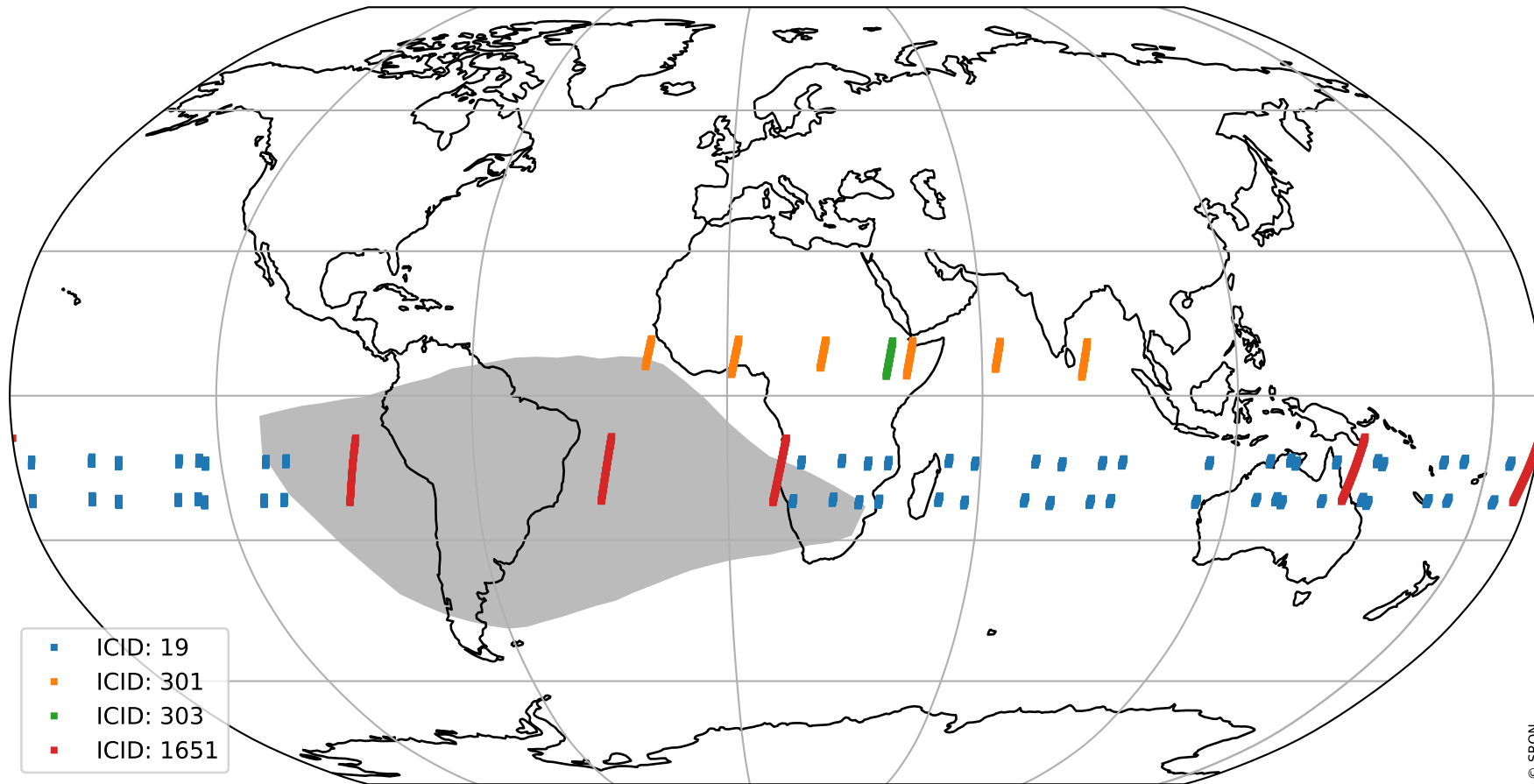
Tropomi SWIR background noise (swir)

orbits : 12 in [24502, 24577]
coverage : 2022-07-05 / 2022-07-11
median : 0.98622
spread : 0.18203
created : 2023-08-21T16:37:43



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

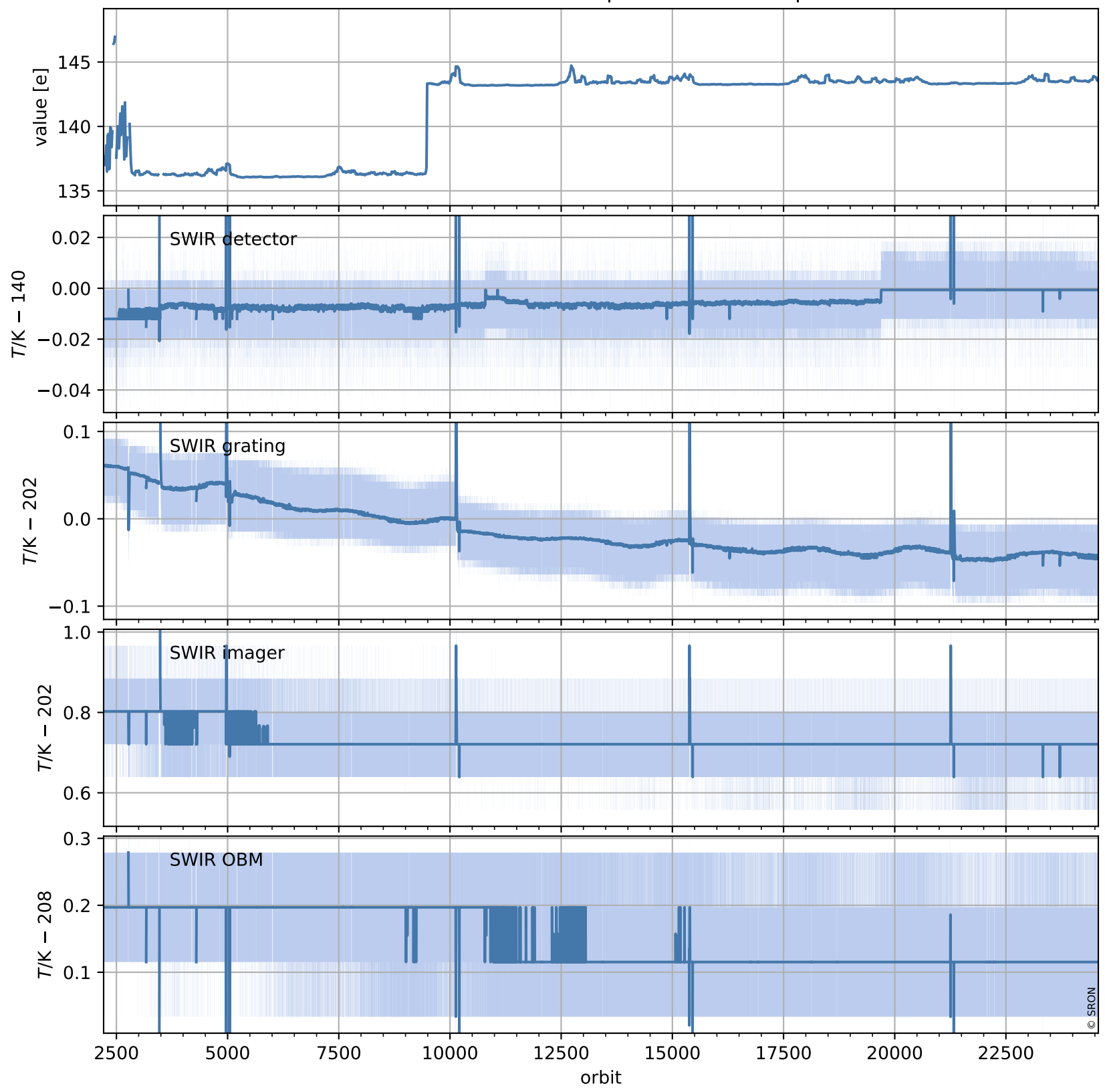
orbits : 12 in [24502, 24577]
coverage : 2022-07-05 / 2022-07-11
created : 2023-08-21T16:37:43



Tropomi SWIR background noise (swir)

orbits : [2212, 24577]
coverage : 2018-03-18 / 2022-07-11
created : 2023-08-21T16:37:43

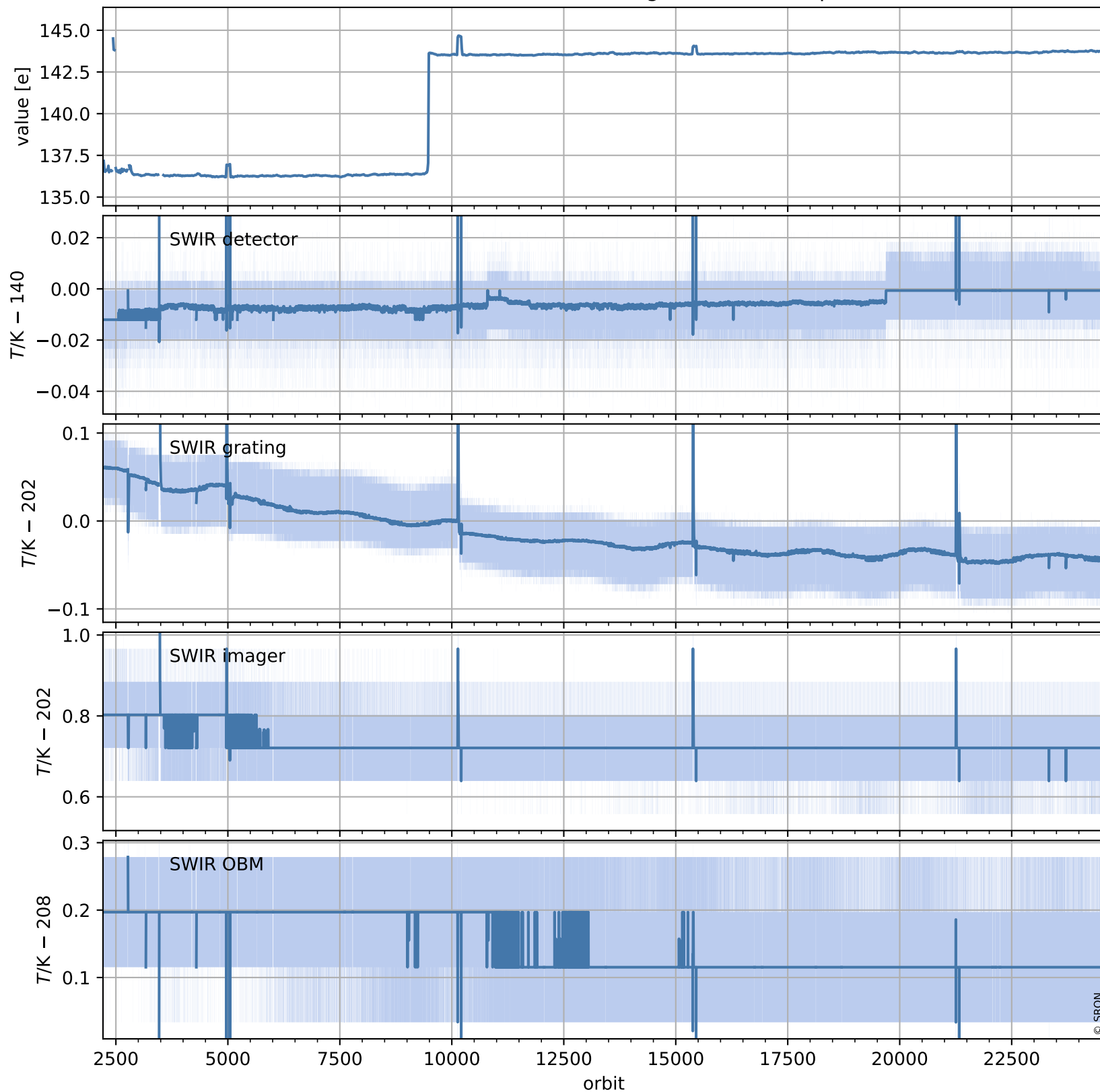
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24577]
coverage : 2018-03-18 / 2022-07-11
created : 2023-08-21T16:37:44

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24577]
coverage : 2018-03-18 / 2022-07-11
created : 2023-08-21T16:37:45

trend of normalized read-noise & temperatures

