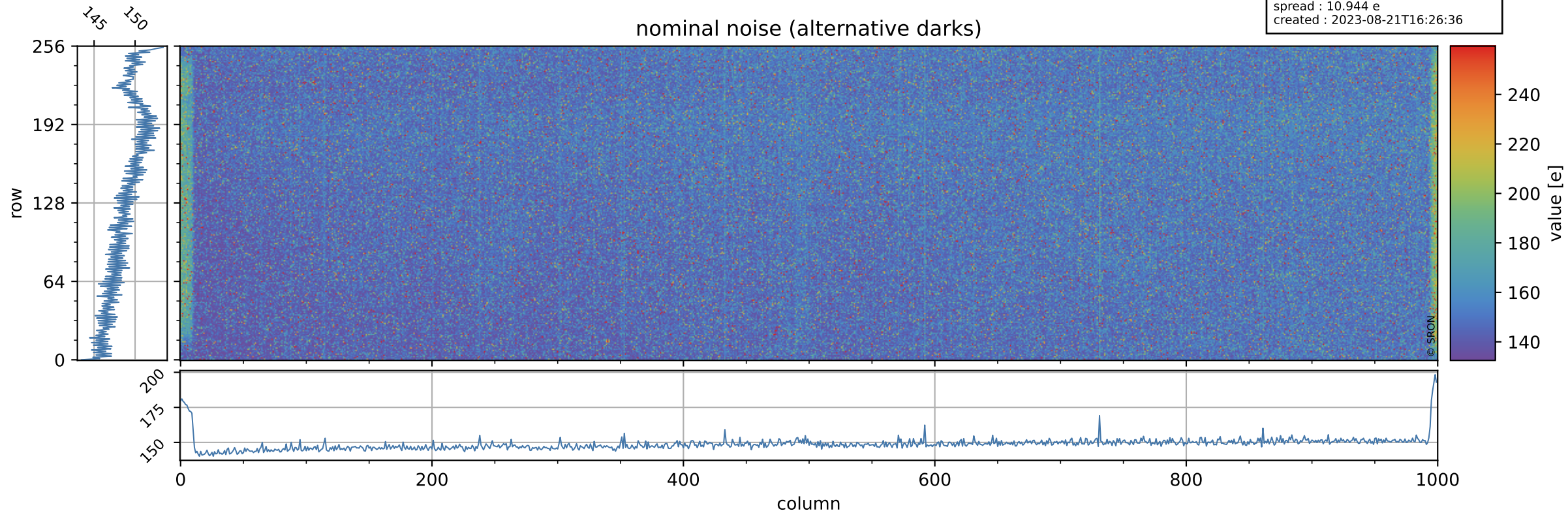


Tropomi SWIR background noise (swir)

orbits : 12 in [22792, 22867]
coverage : 2022-03-07 / 2022-03-12
n_coad, t_exp : 1, 1.0783
median : 148.73 e
spread : 10.944 e
created : 2023-08-21T16:26:36

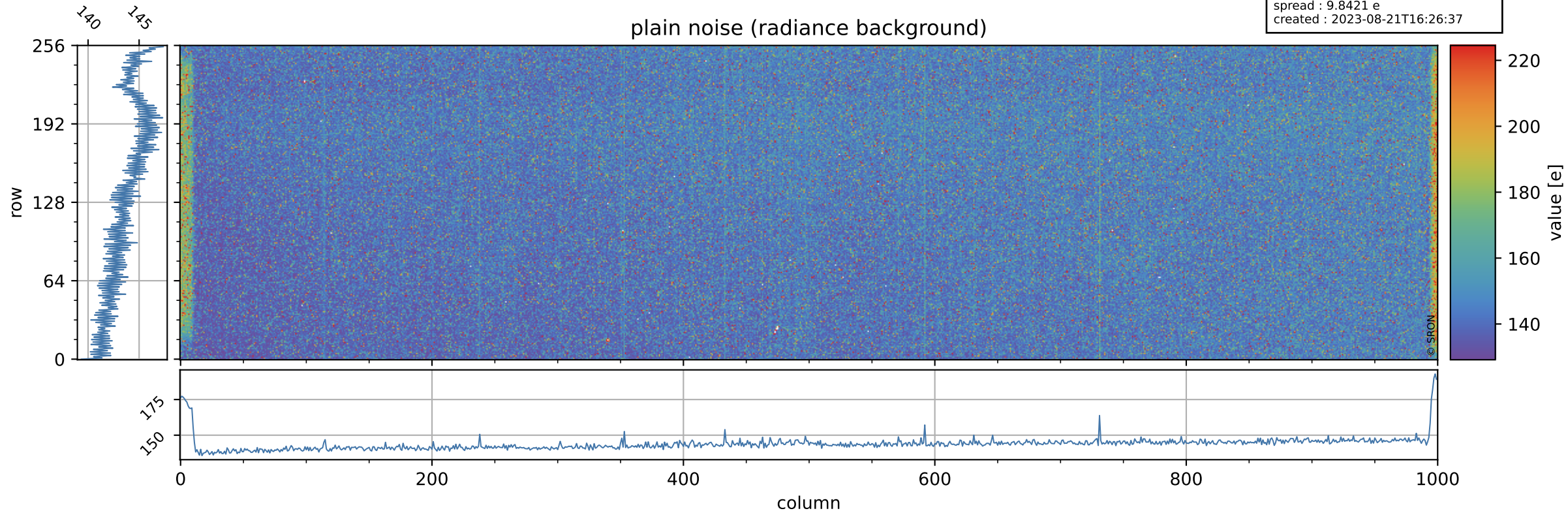
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22792, 22867]
coverage : 2022-03-07 / 2022-03-12
n_coad, t_exp : 1, 0.8383
median : 143.62 e
spread : 9.8421 e
created : 2023-08-21T16:26:37

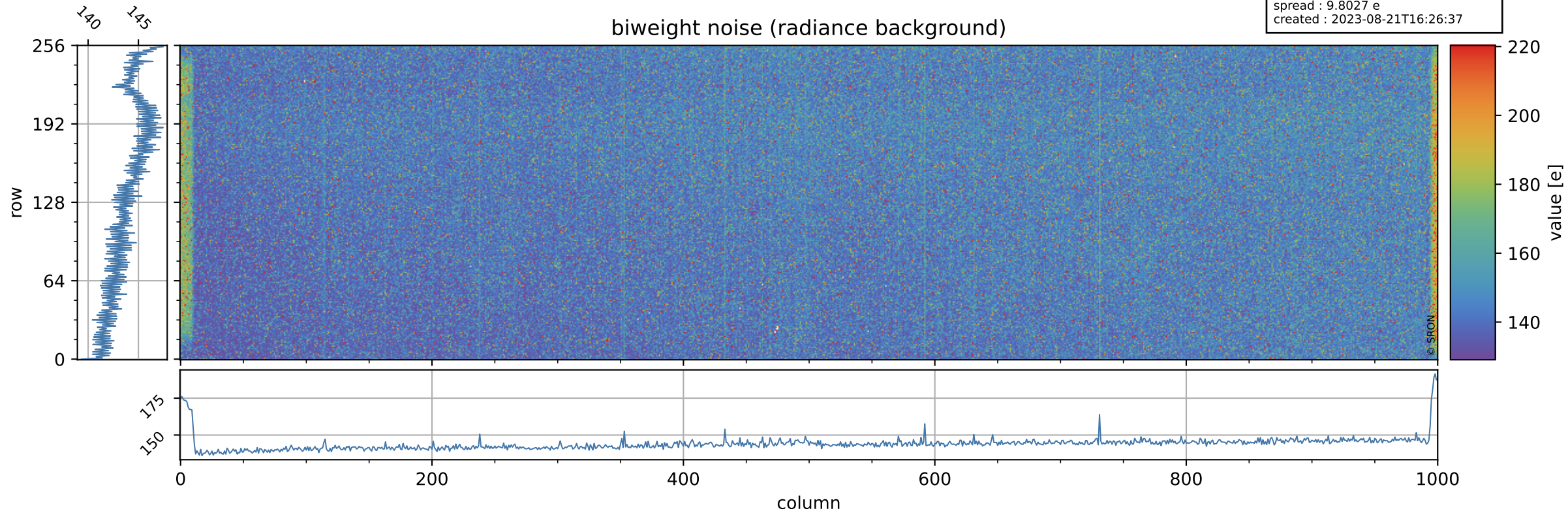
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22792, 22867]
coverage : 2022-03-07 / 2022-03-12
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.8027 e
created : 2023-08-21T16:26:37

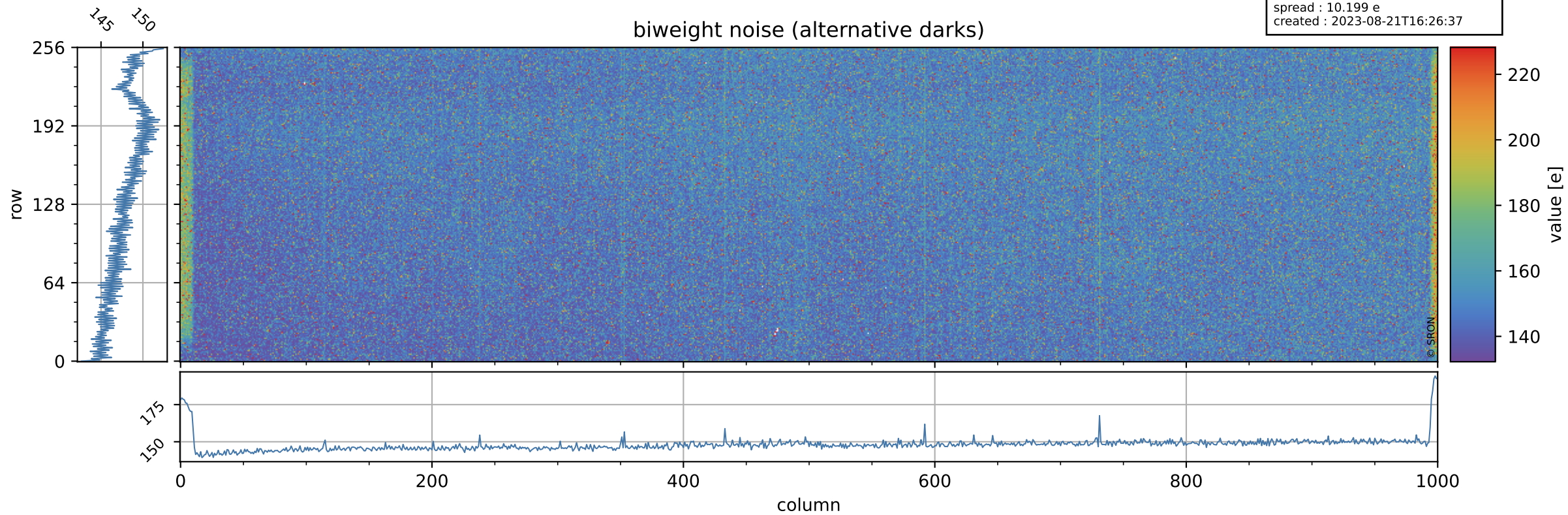
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22792, 22867]
coverage : 2022-03-07 / 2022-03-12
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.199 e
created : 2023-08-21T16:26:37

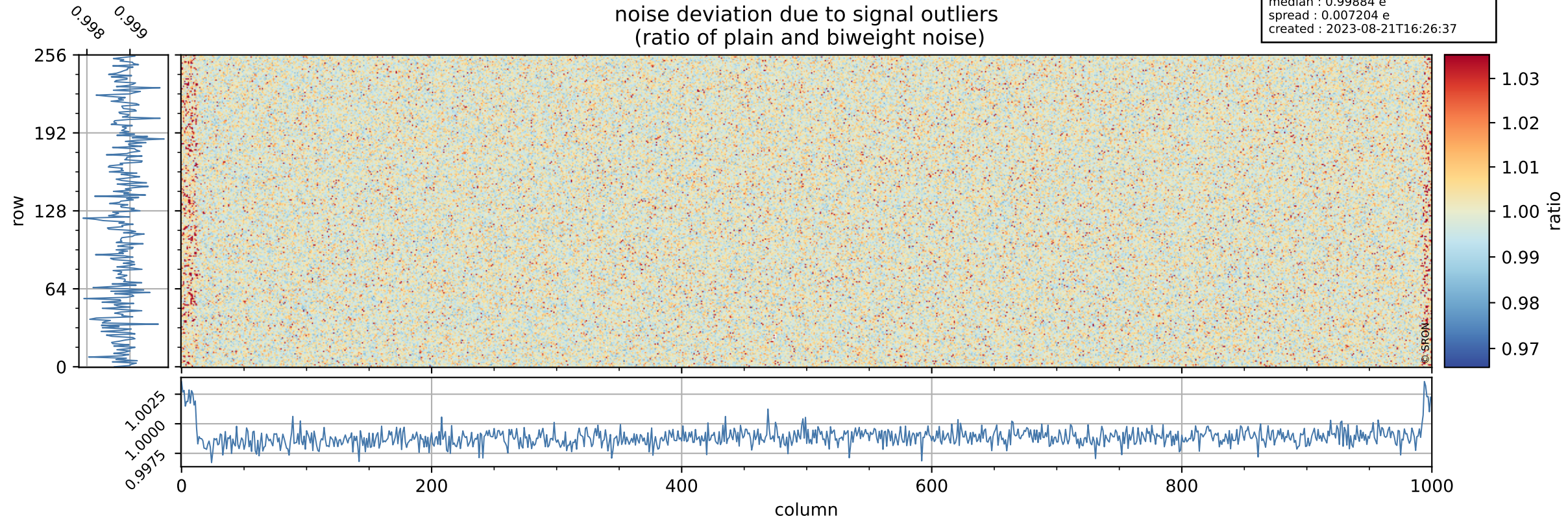
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

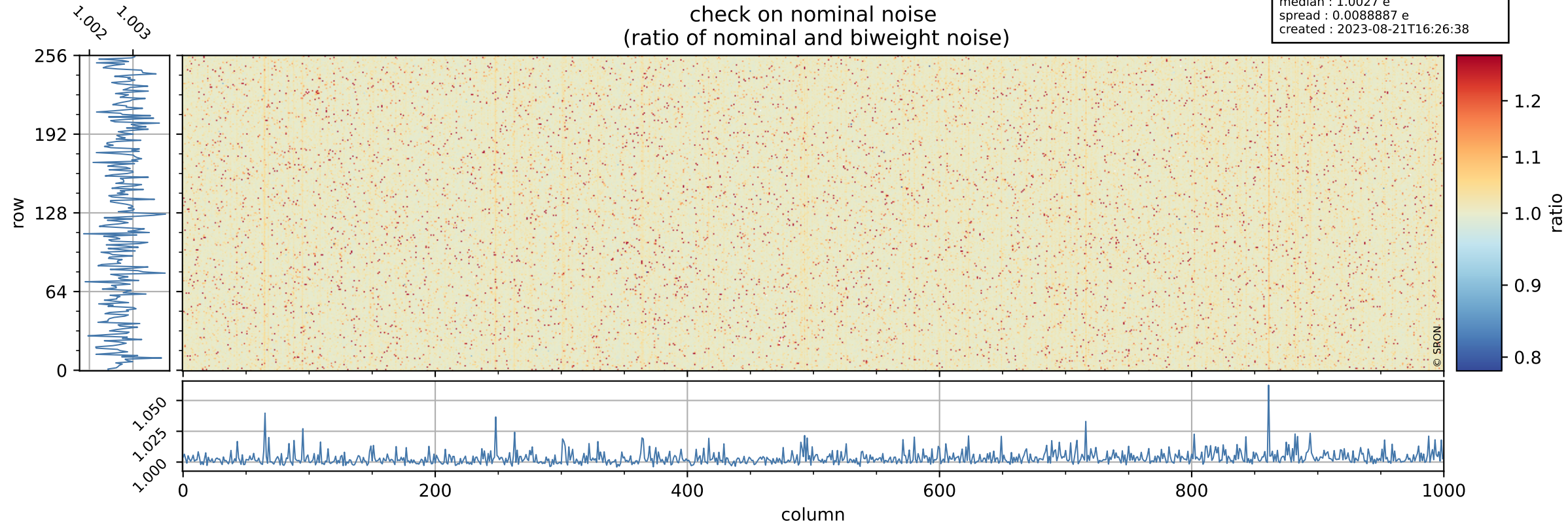
orbits : 12 in [22792, 22867]
coverage : 2022-03-07 / 2022-03-12
median : 0.99884 e
spread : 0.007204 e
created : 2023-08-21T16:26:37



Tropomi SWIR background noise (swir)

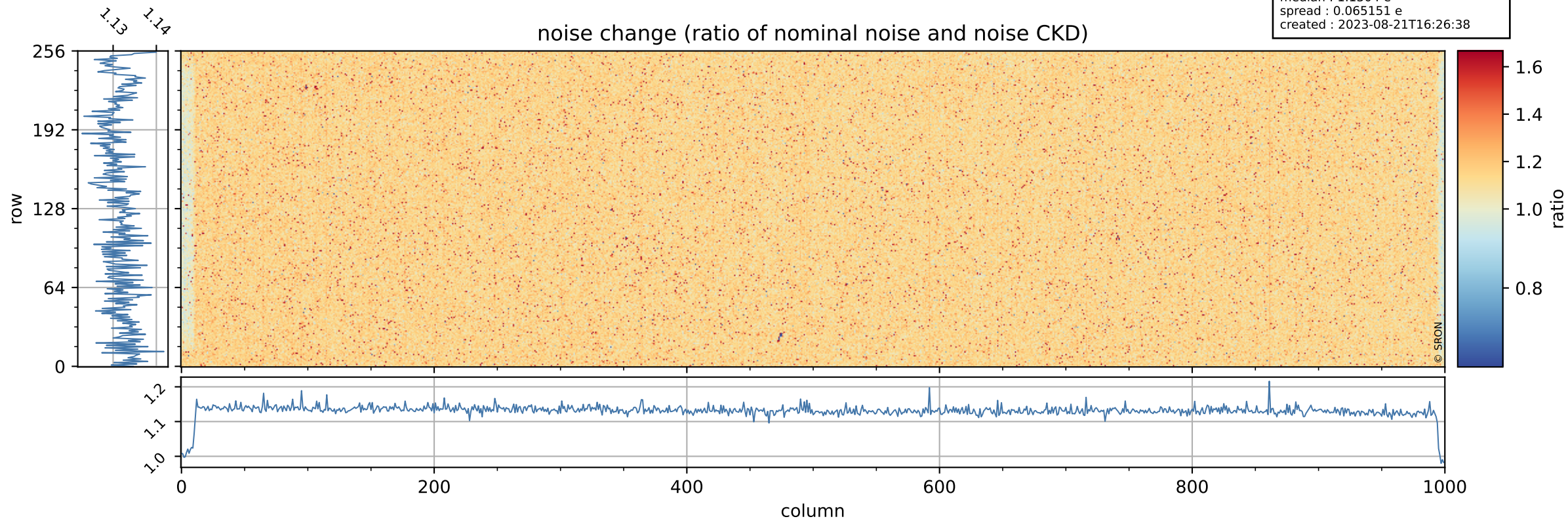
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22792, 22867]
coverage : 2022-03-07 / 2022-03-12
median : 1.0027 e
spread : 0.0088887 e
created : 2023-08-21T16:26:38



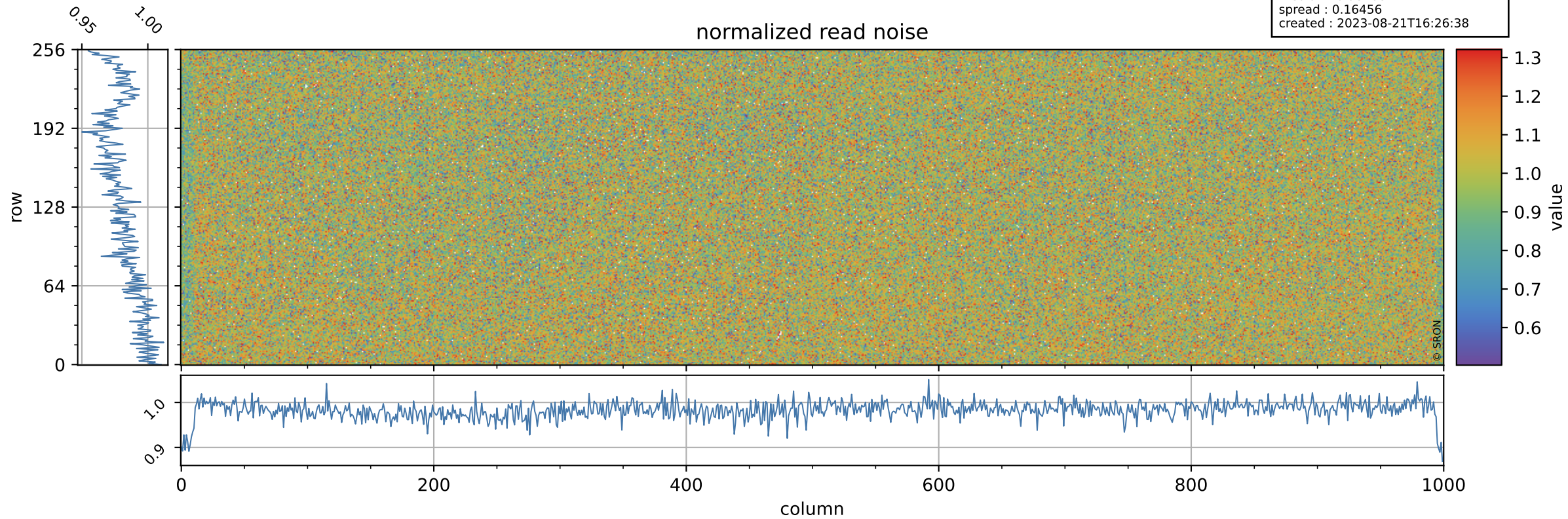
Tropomi SWIR background noise (swir)

orbits : 12 in [22792, 22867]
coverage : 2022-03-07 / 2022-03-12
median : 1.1304 e
spread : 0.065151 e
created : 2023-08-21T16:26:38



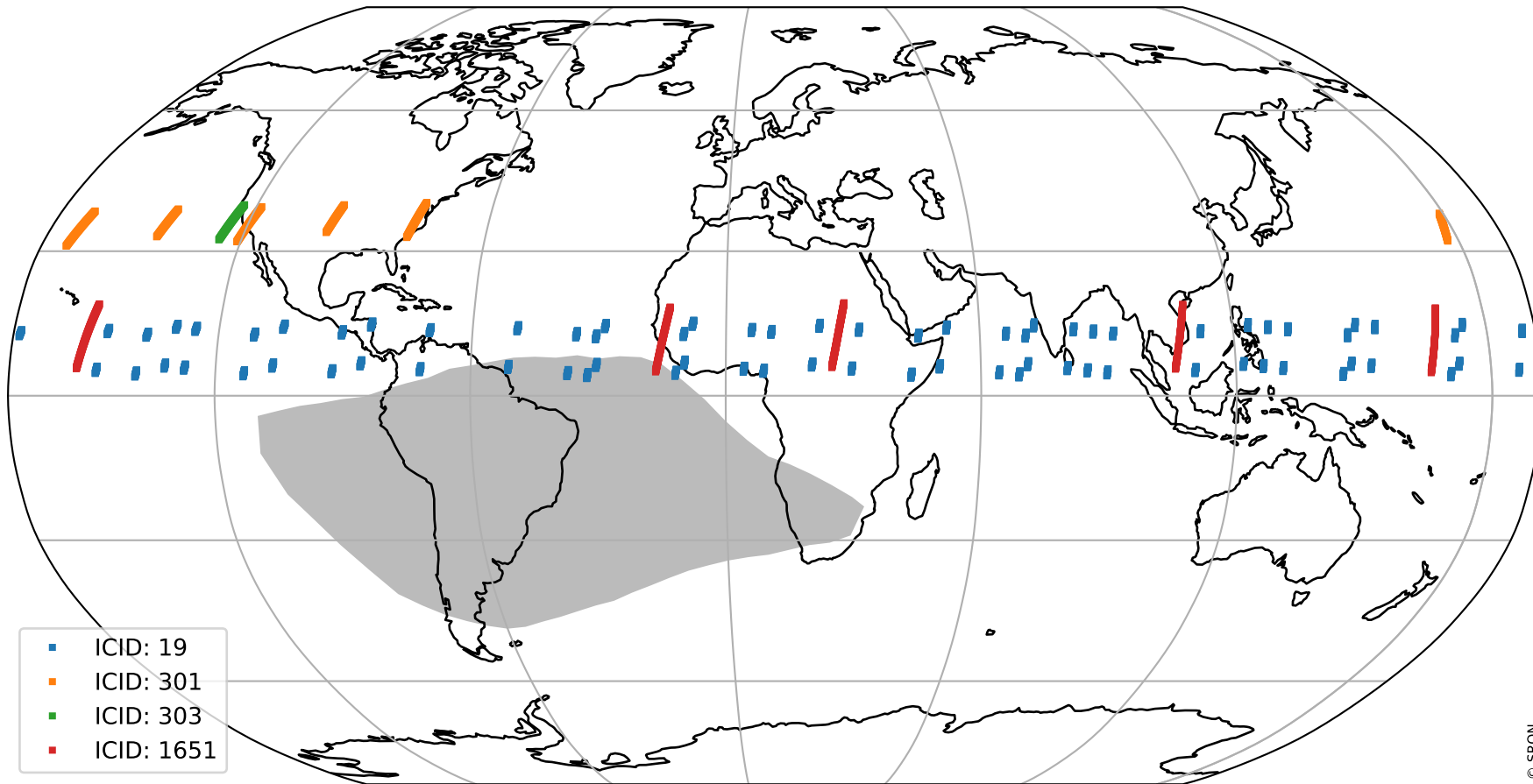
Tropomi SWIR background noise (swir)

orbits : 12 in [22792, 22867]
coverage : 2022-03-07 / 2022-03-12
median : 0.98108
spread : 0.16456
created : 2023-08-21T16:26:38



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

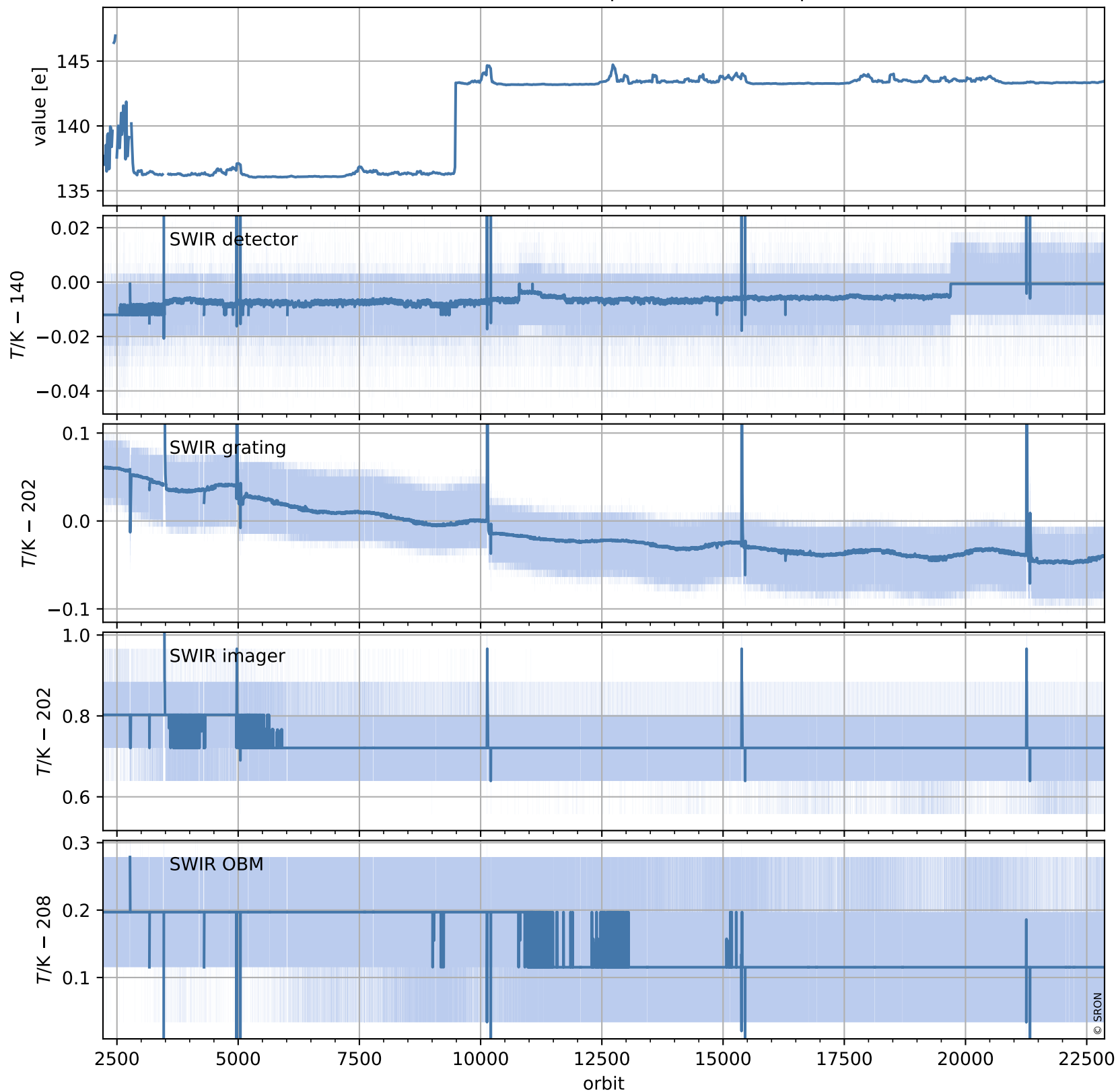
orbits : 12 in [22792, 22867]
coverage : 2022-03-07 / 2022-03-12
created : 2023-08-21T16:26:39



Tropomi SWIR background noise (swir)

orbits : [2212, 22867]
coverage : 2018-03-18 / 2022-03-12
created : 2023-08-21T16:26:39

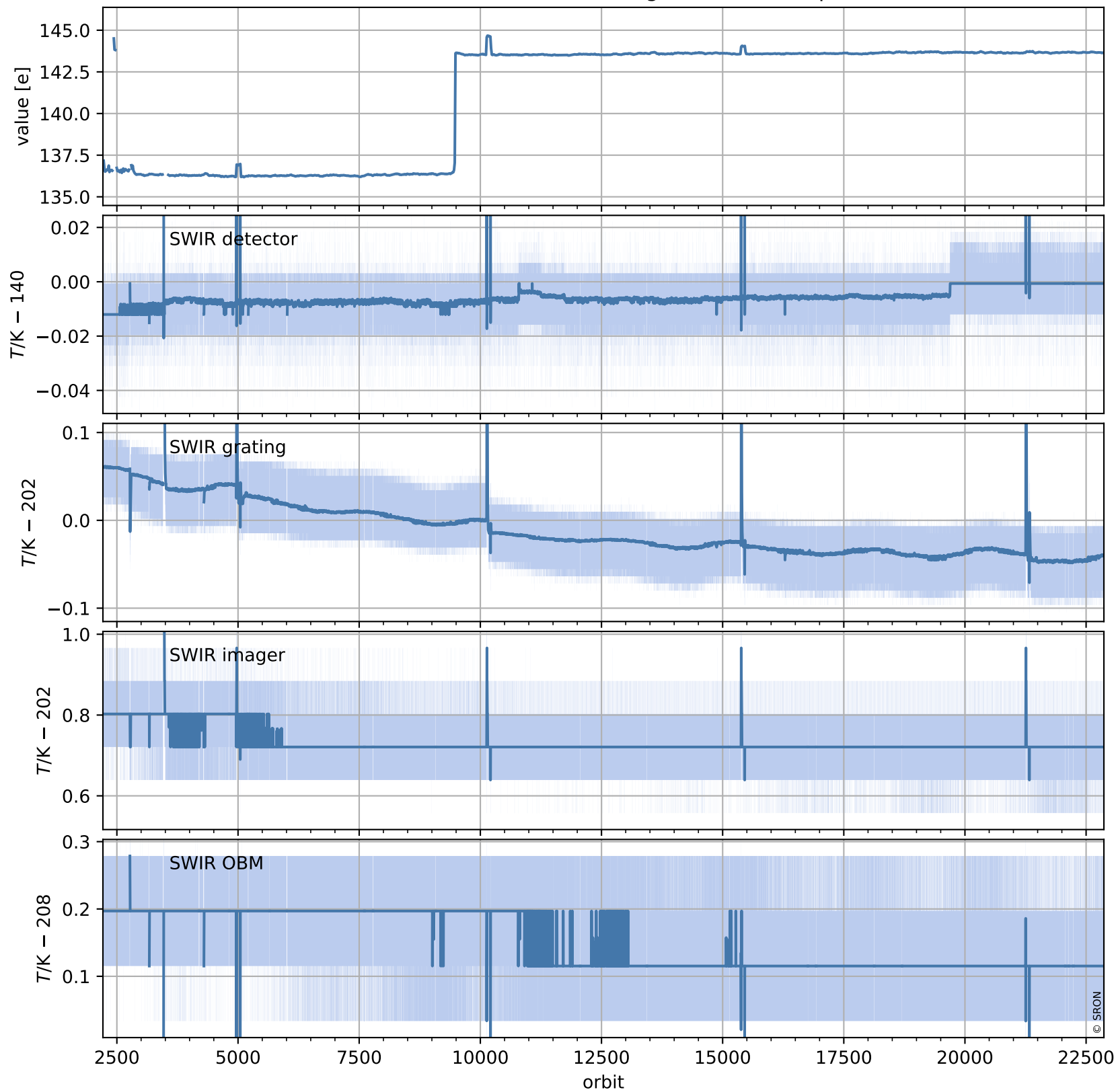
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22867]
coverage : 2018-03-18 / 2022-03-12
created : 2023-08-21T16:26:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22867]
coverage : 2018-03-18 / 2022-03-12
created : 2023-08-21T16:26:41

trend of normalized read-noise & temperatures

