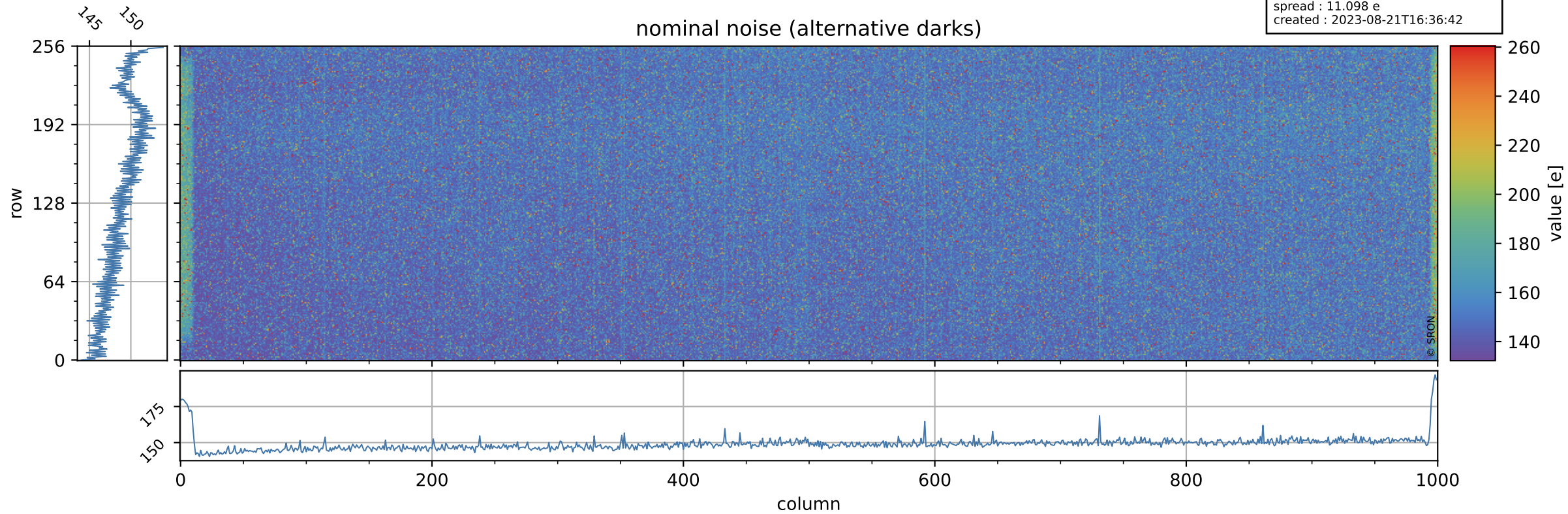


Tropomi SWIR background noise (swir)

orbits : 12 in [24337, 24427]
coverage : 2022-06-25 / 2022-07-01
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 11.098 e
created : 2023-08-21T16:36:42

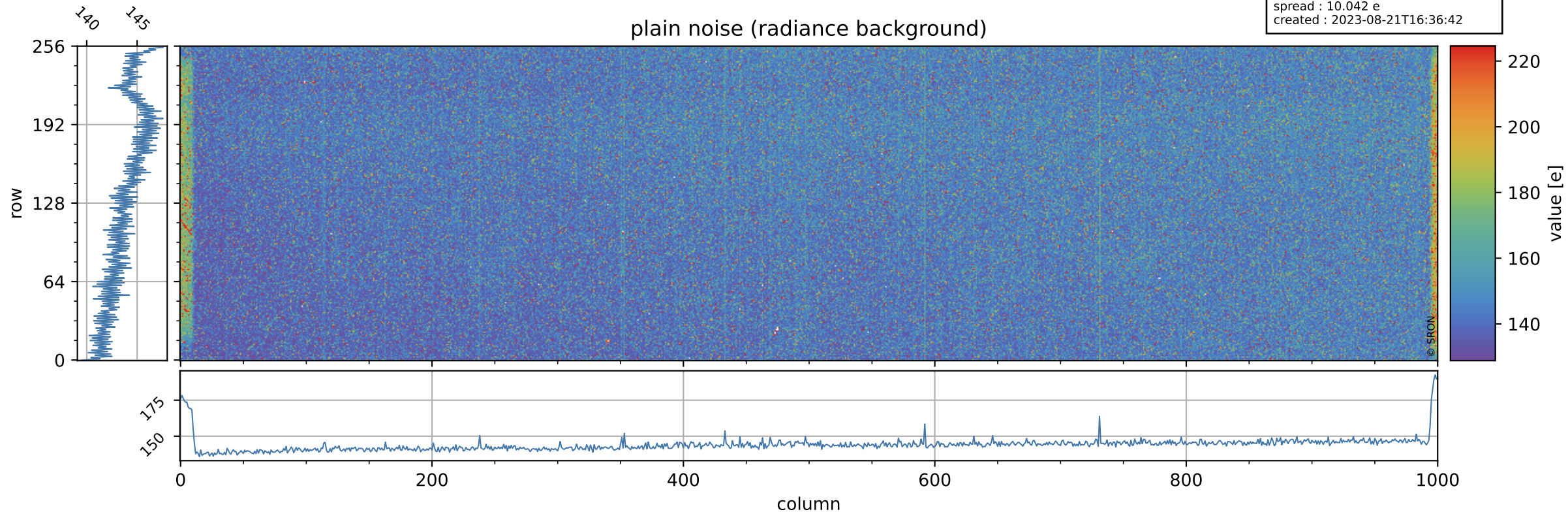
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24337, 24427]
coverage : 2022-06-25 / 2022-07-01
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 10.042 e
created : 2023-08-21T16:36:42

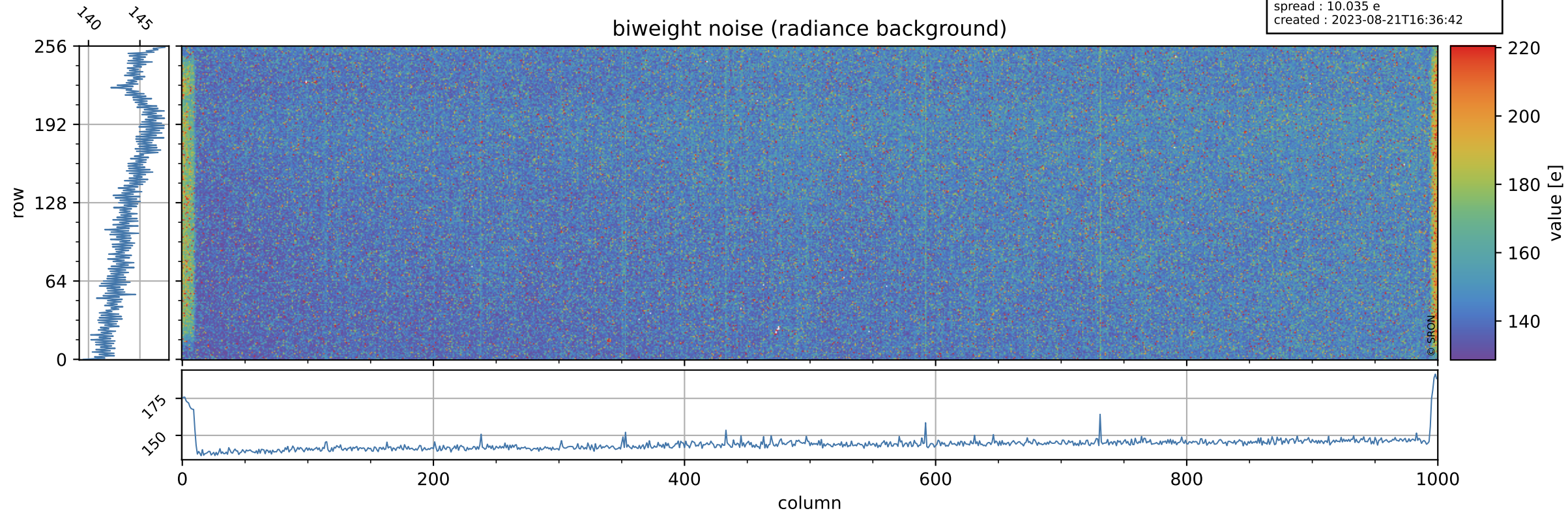
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24337, 24427]
coverage : 2022-06-25 / 2022-07-01
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 10.035 e
created : 2023-08-21T16:36:42

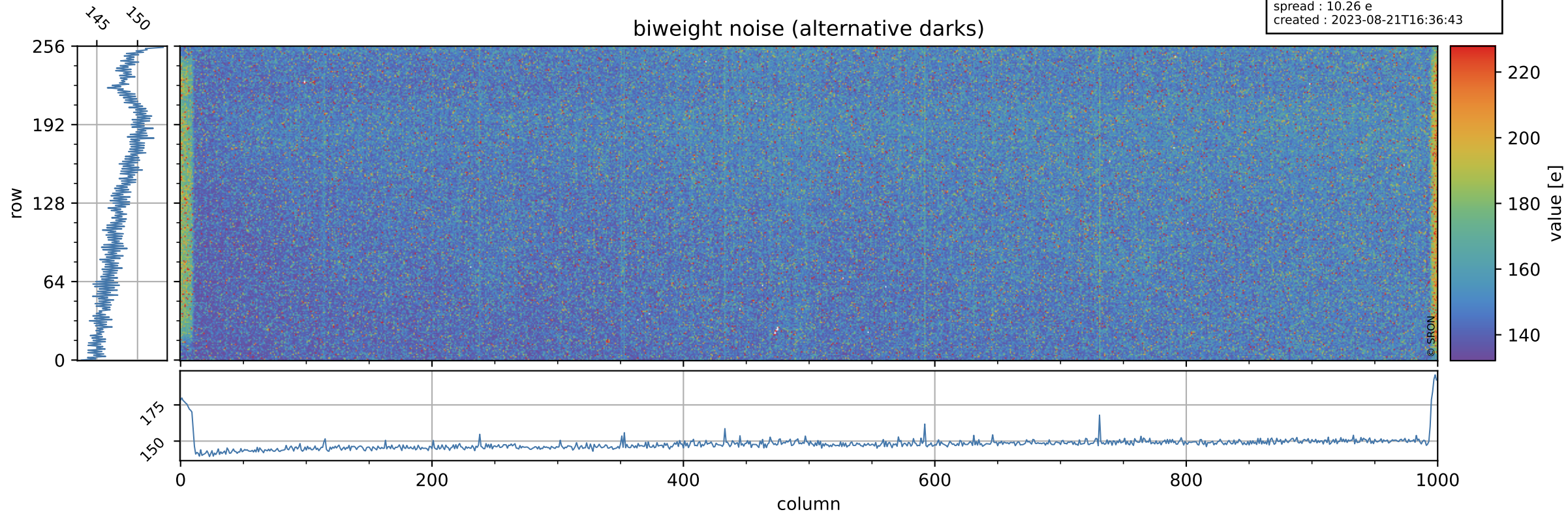
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24337, 24427]
coverage : 2022-06-25 / 2022-07-01
n_coad, t_exp : 1, 1.0783
median : 147.83 e
spread : 10.26 e
created : 2023-08-21T16:36:43

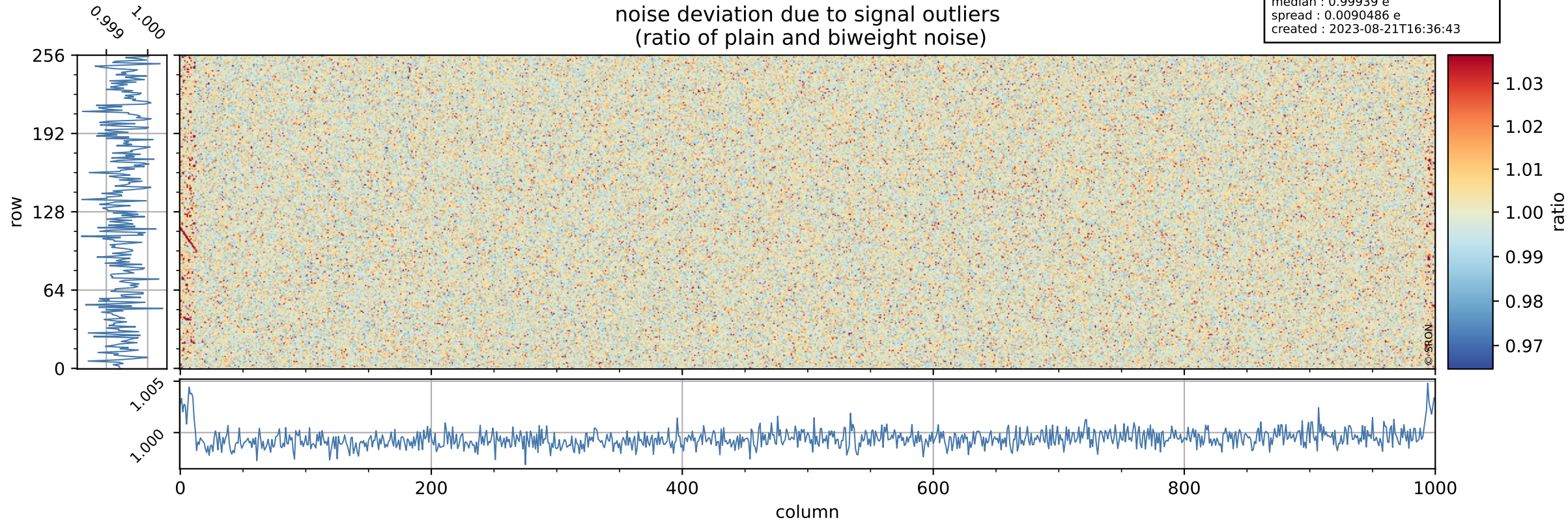
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

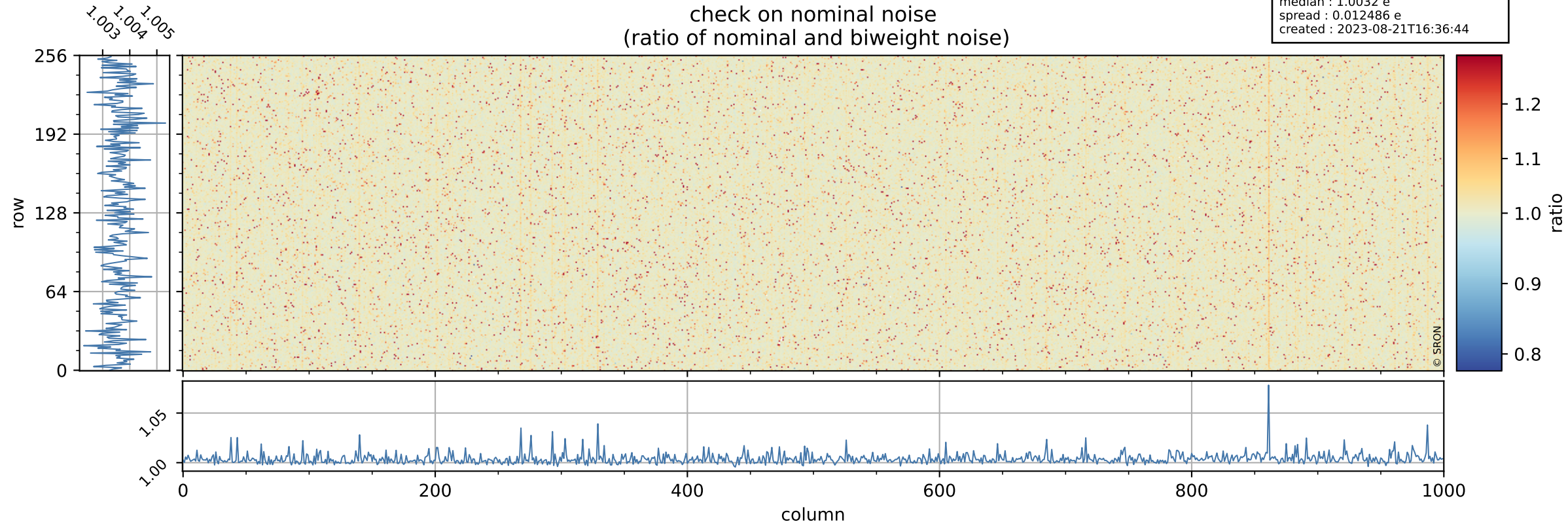
orbits : 12 in [24337, 24427]
coverage : 2022-06-25 / 2022-07-01
median : 0.99939 e
spread : 0.0090486 e
created : 2023-08-21T16:36:43



Tropomi SWIR background noise (swir)

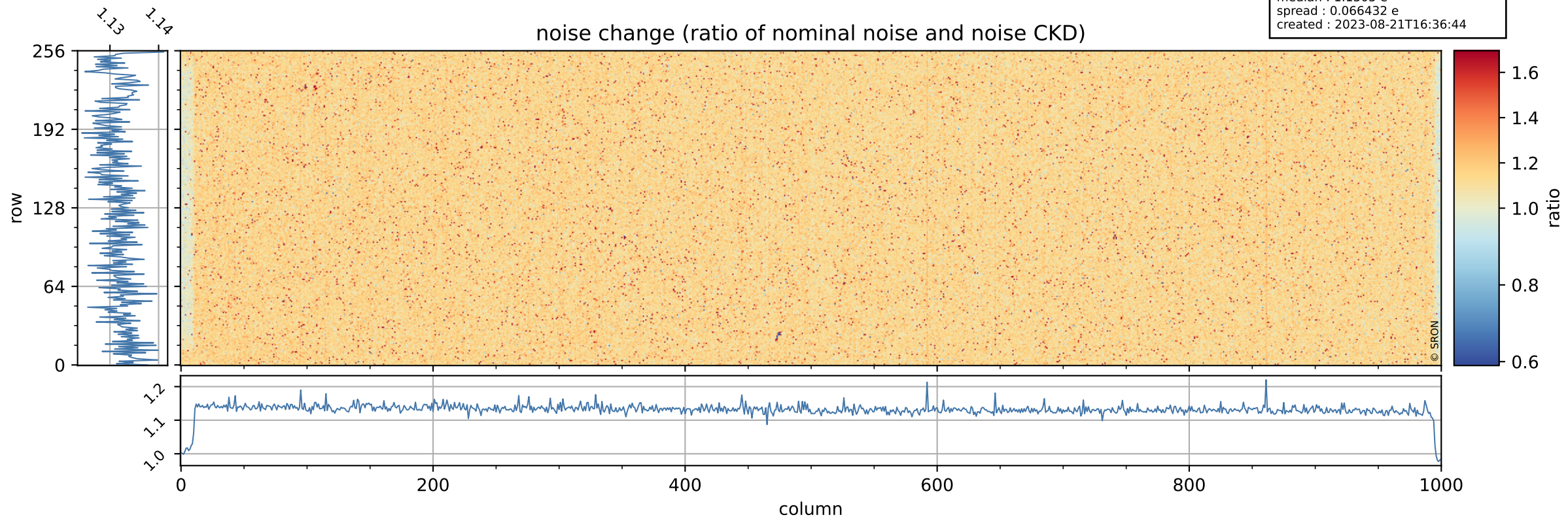
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24337, 24427]
coverage : 2022-06-25 / 2022-07-01
median : 1.0032 e
spread : 0.012486 e
created : 2023-08-21T16:36:44



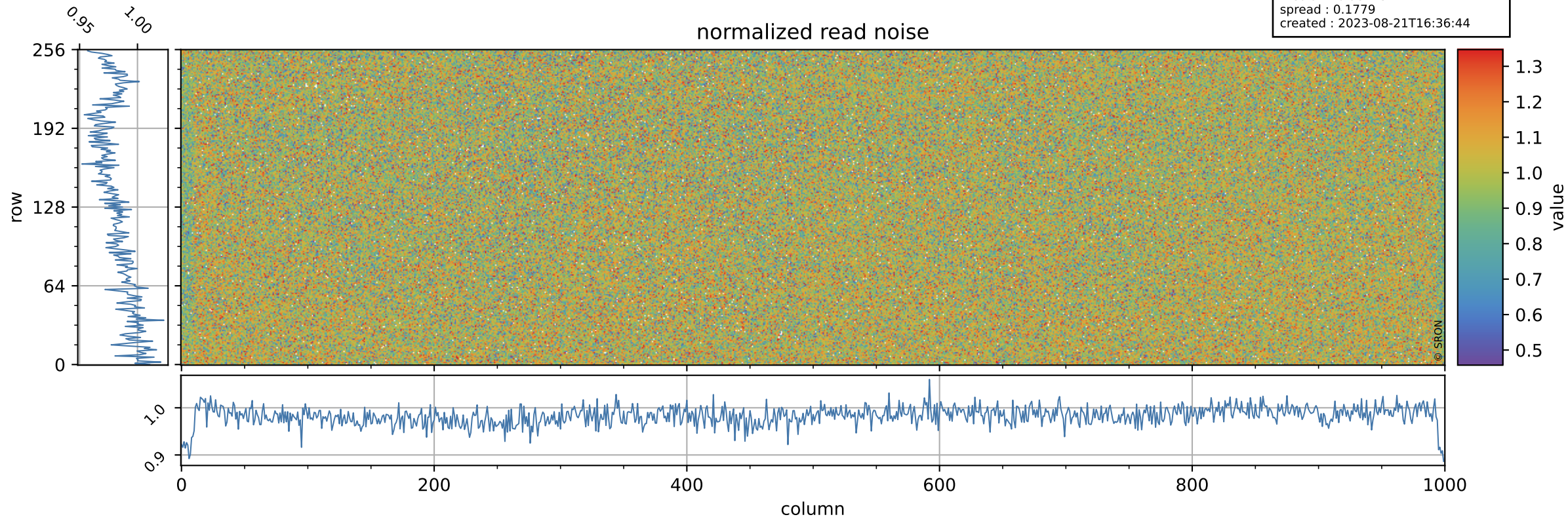
Tropomi SWIR background noise (swir)

orbits : 12 in [24337, 24427]
coverage : 2022-06-25 / 2022-07-01
median : 1.1305 e
spread : 0.066432 e
created : 2023-08-21T16:36:44



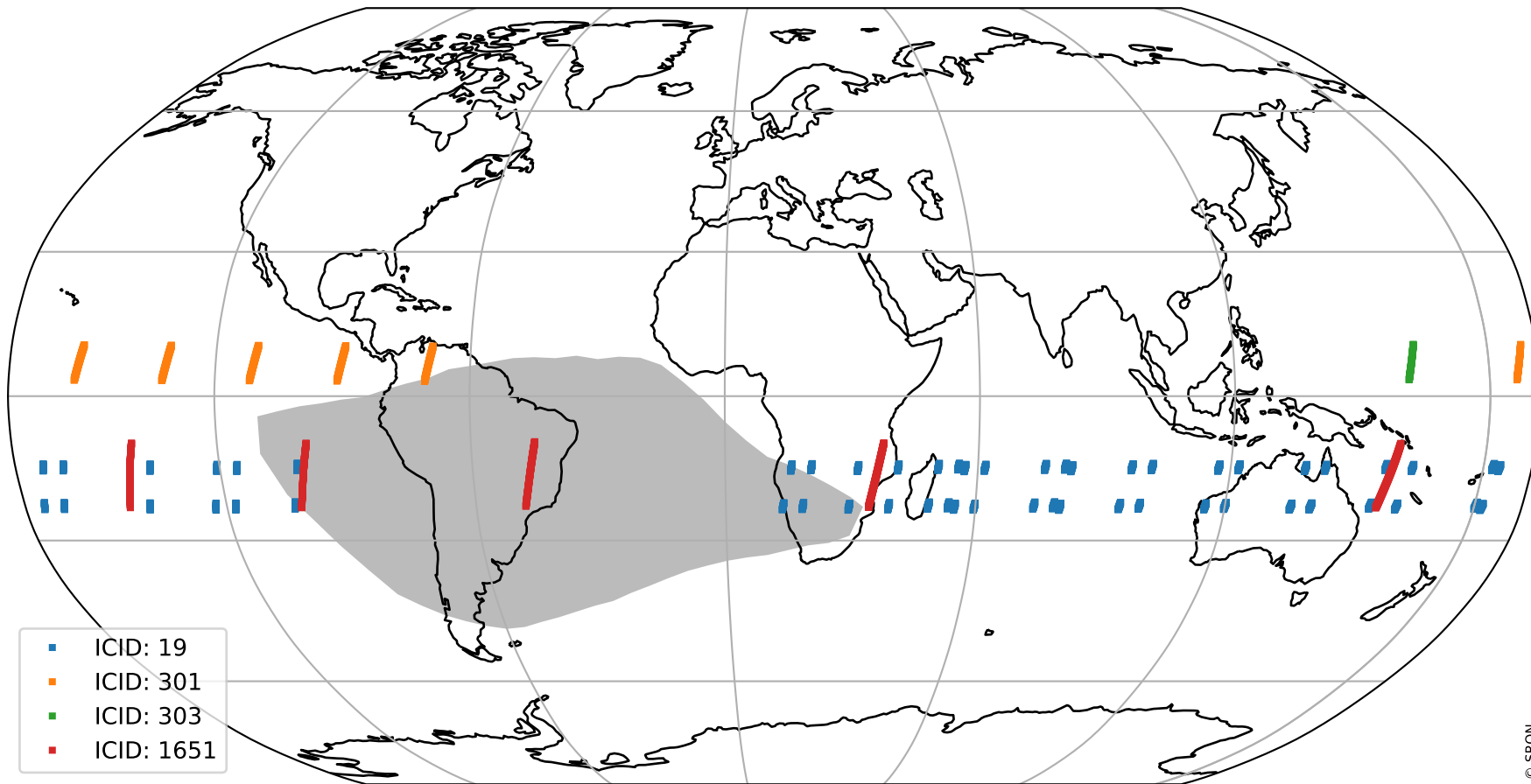
Tropomi SWIR background noise (swir)

orbits : 12 in [24337, 24427]
coverage : 2022-06-25 / 2022-07-01
median : 0.98145
spread : 0.1779
created : 2023-08-21T16:36:44



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

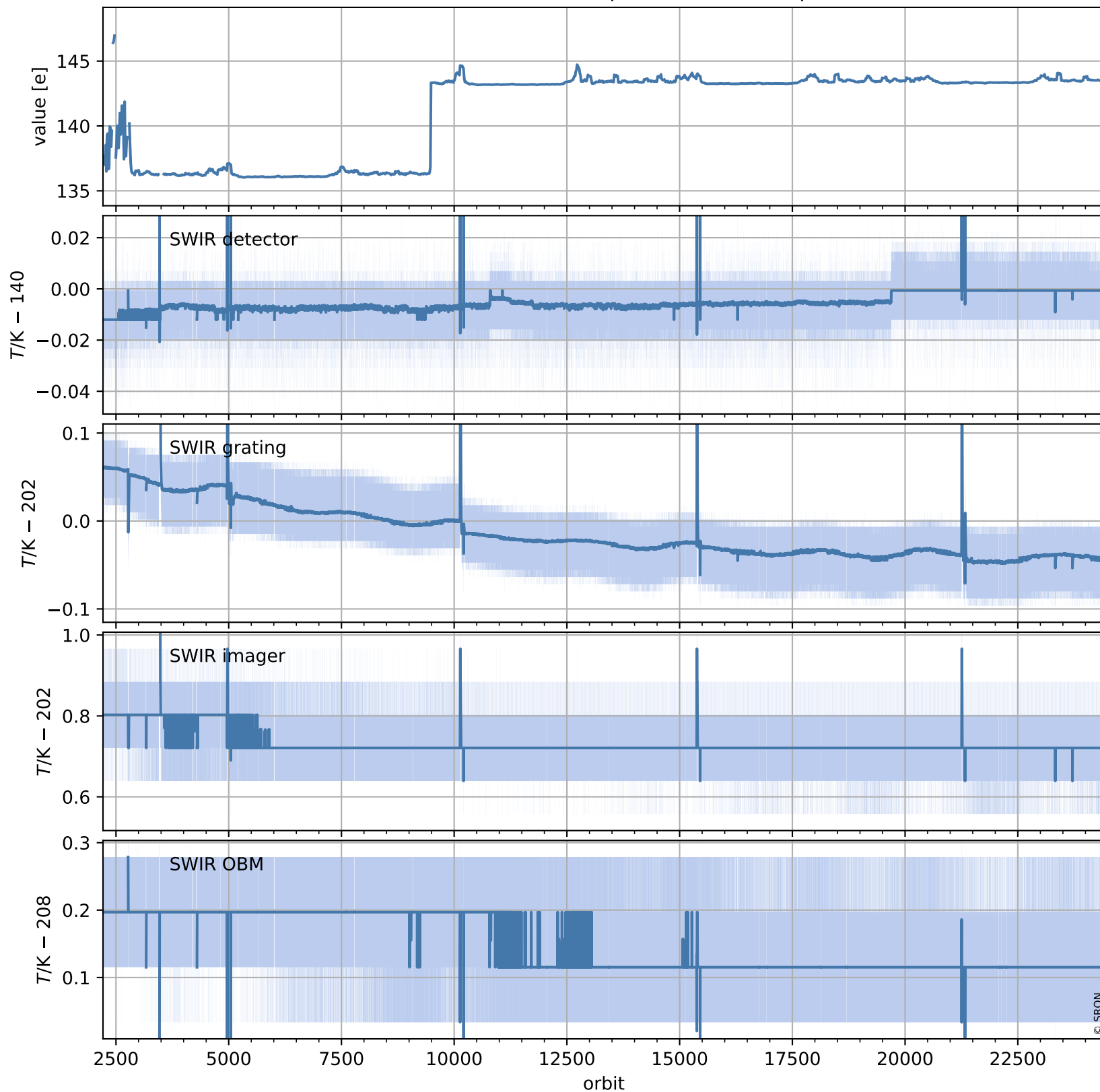
orbits : 12 in [24337, 24427]
coverage : 2022-06-25 / 2022-07-01
created : 2023-08-21T16:36:44



Tropomi SWIR background noise (swir)

orbits : [2212, 24427]
coverage : 2018-03-18 / 2022-07-01
created : 2023-08-21T16:36:45

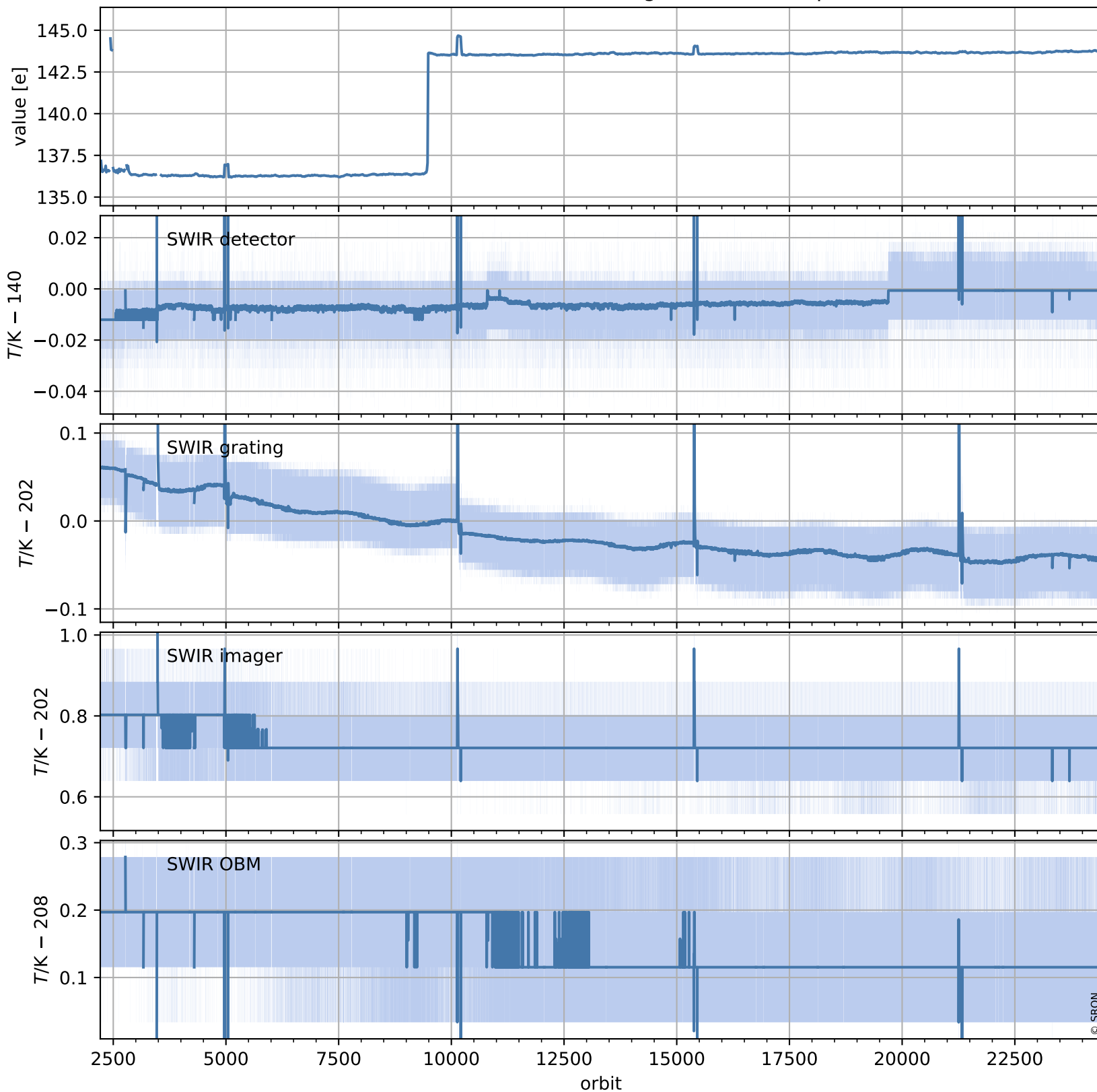
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24427]
coverage : 2018-03-18 / 2022-07-01
created : 2023-08-21T16:36:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24427]
coverage : 2018-03-18 / 2022-07-01
created : 2023-08-21T16:36:47

trend of normalized read-noise & temperatures

