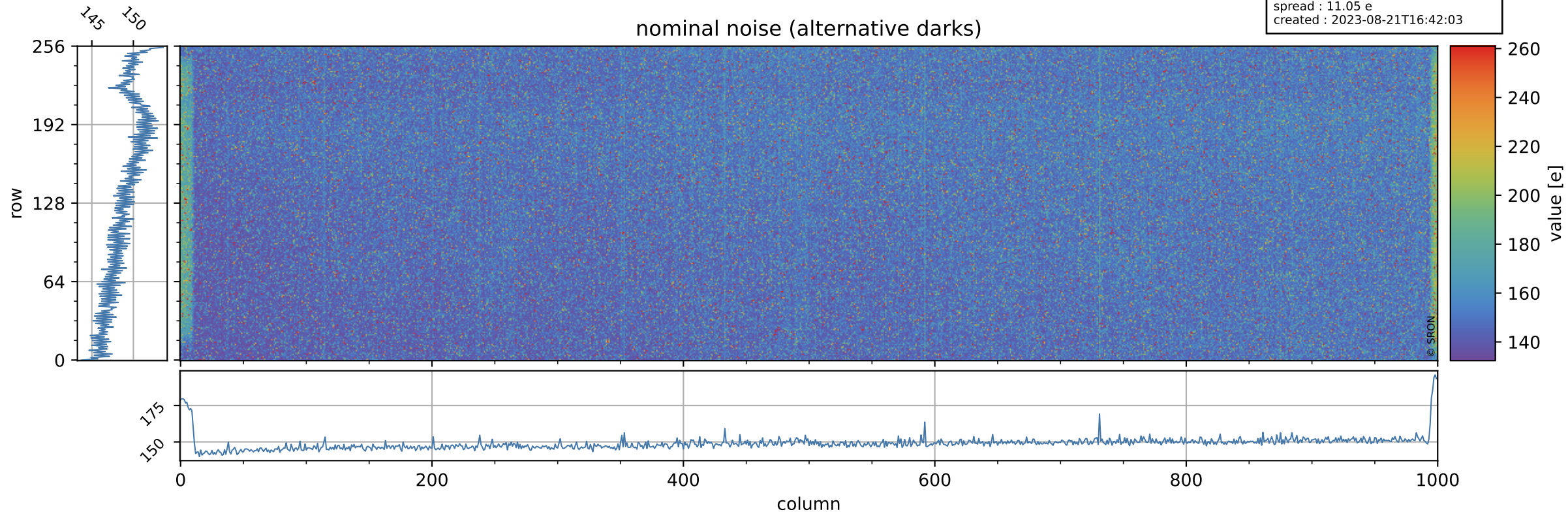


Tropomi SWIR background noise (swir)

orbits : 12 in [25222, 25297]
coverage : 2022-08-25 / 2022-08-30
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 11.05 e
created : 2023-08-21T16:42:03

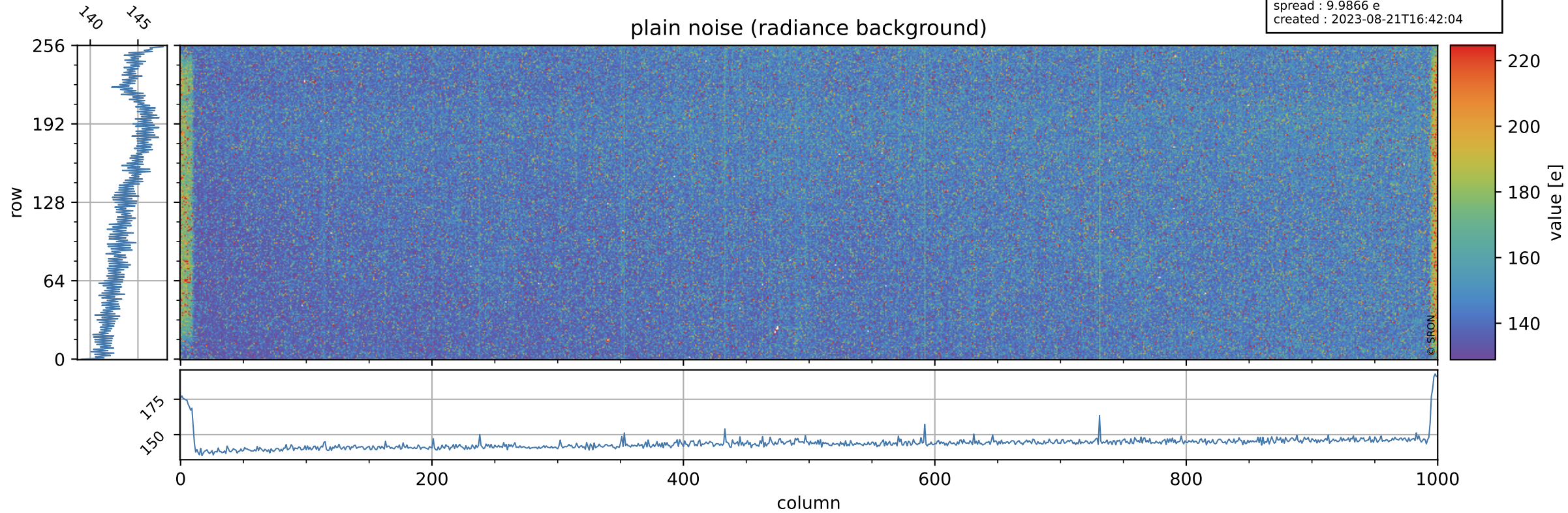
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25222, 25297]
coverage : 2022-08-25 / 2022-08-30
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.9866 e
created : 2023-08-21T16:42:04

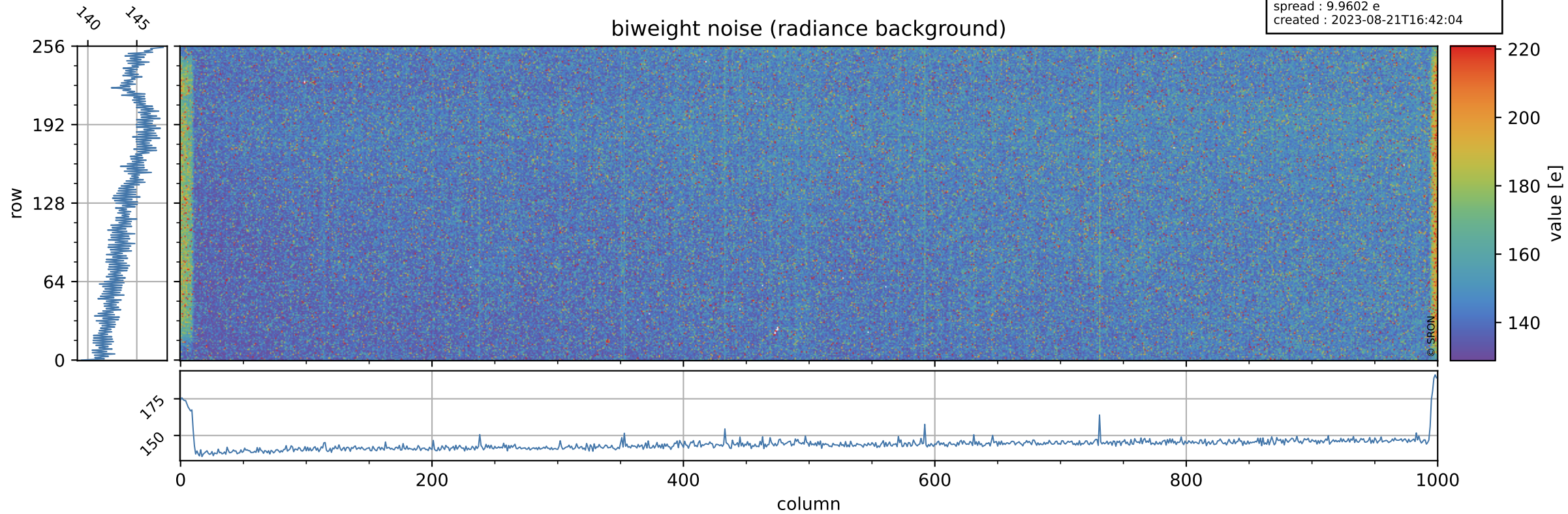
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25222, 25297]
coverage : 2022-08-25 / 2022-08-30
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 9.9602 e
created : 2023-08-21T16:42:04

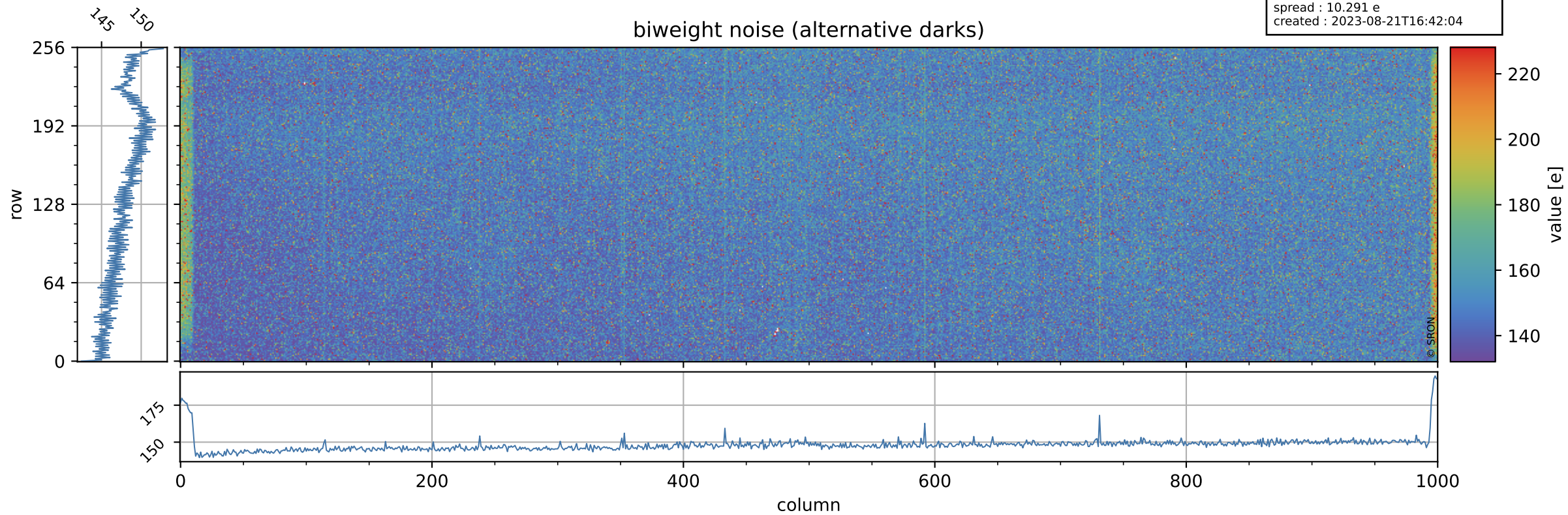
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25222, 25297]
coverage : 2022-08-25 / 2022-08-30
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.291 e
created : 2023-08-21T16:42:04

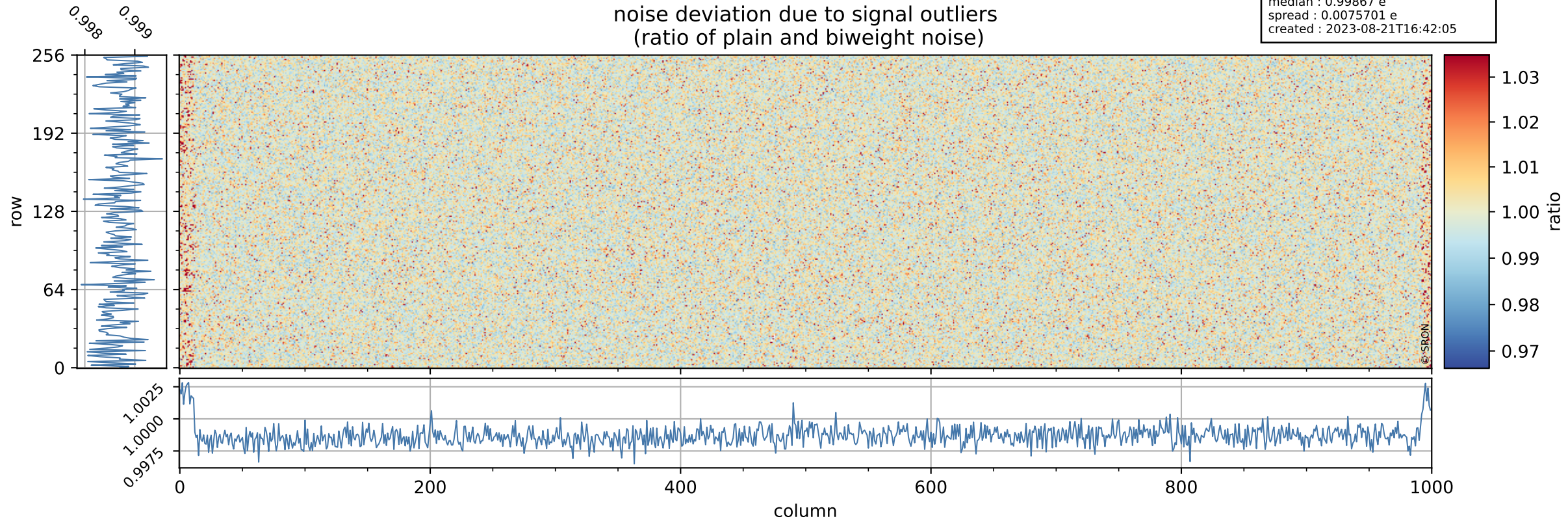
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

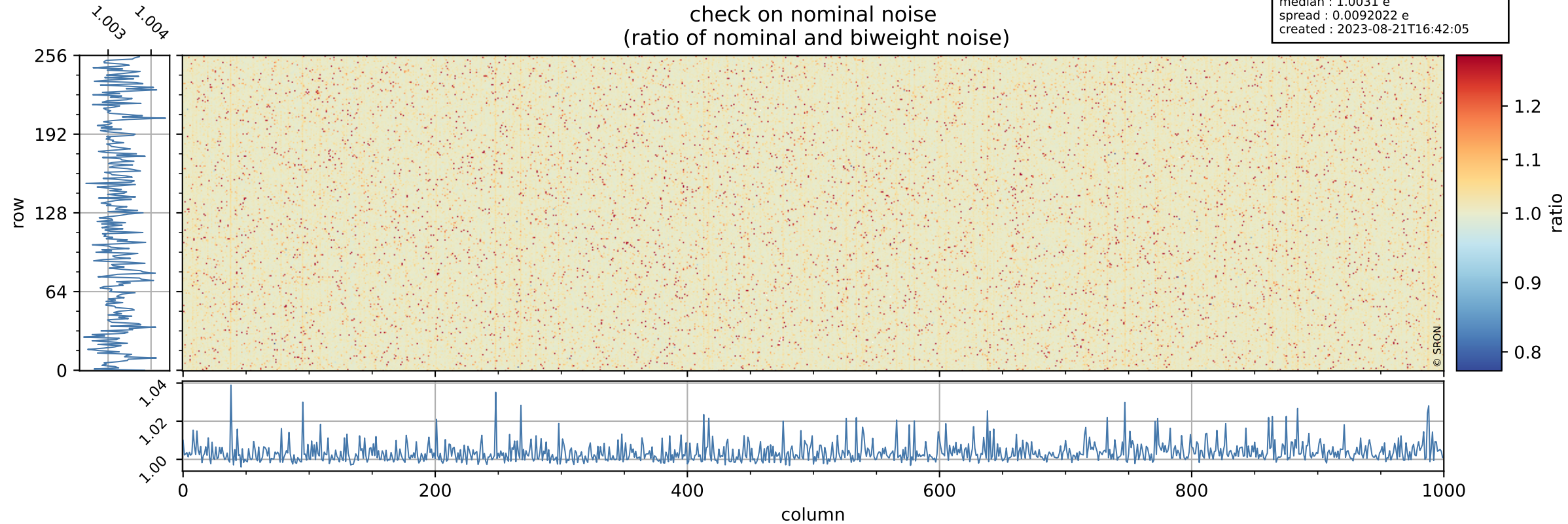
orbits : 12 in [25222, 25297]
coverage : 2022-08-25 / 2022-08-30
median : 0.99867 e
spread : 0.0075701 e
created : 2023-08-21T16:42:05



Tropomi SWIR background noise (swir)

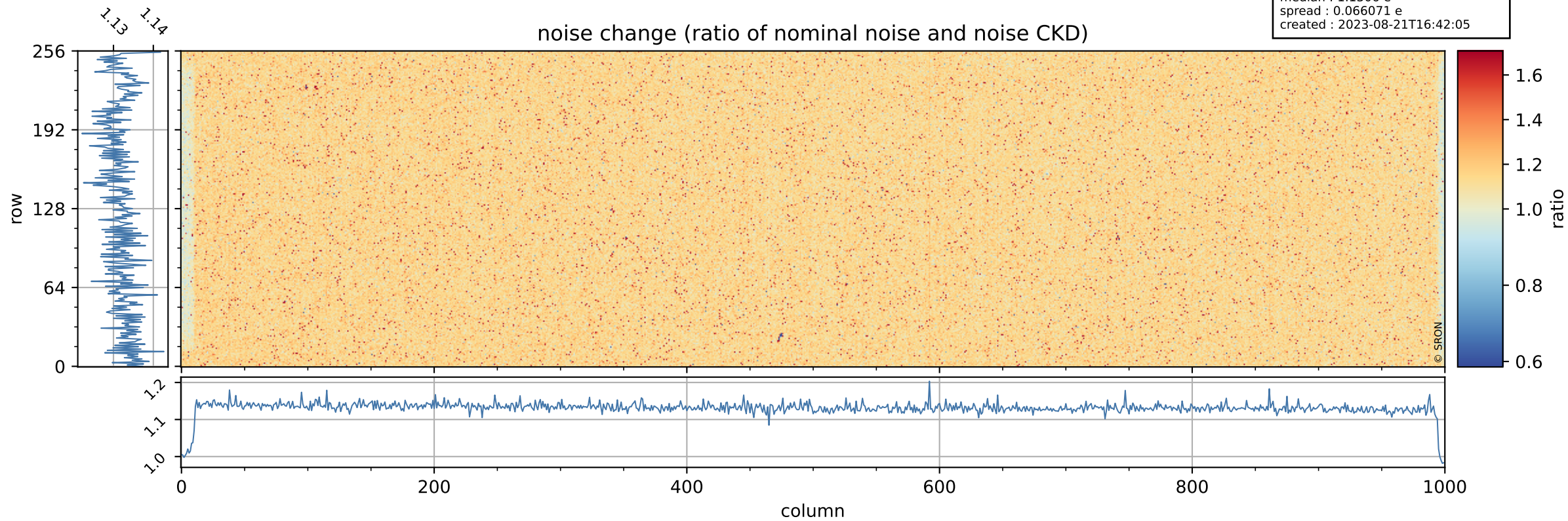
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25222, 25297]
coverage : 2022-08-25 / 2022-08-30
median : 1.0031 e
spread : 0.0092022 e
created : 2023-08-21T16:42:05



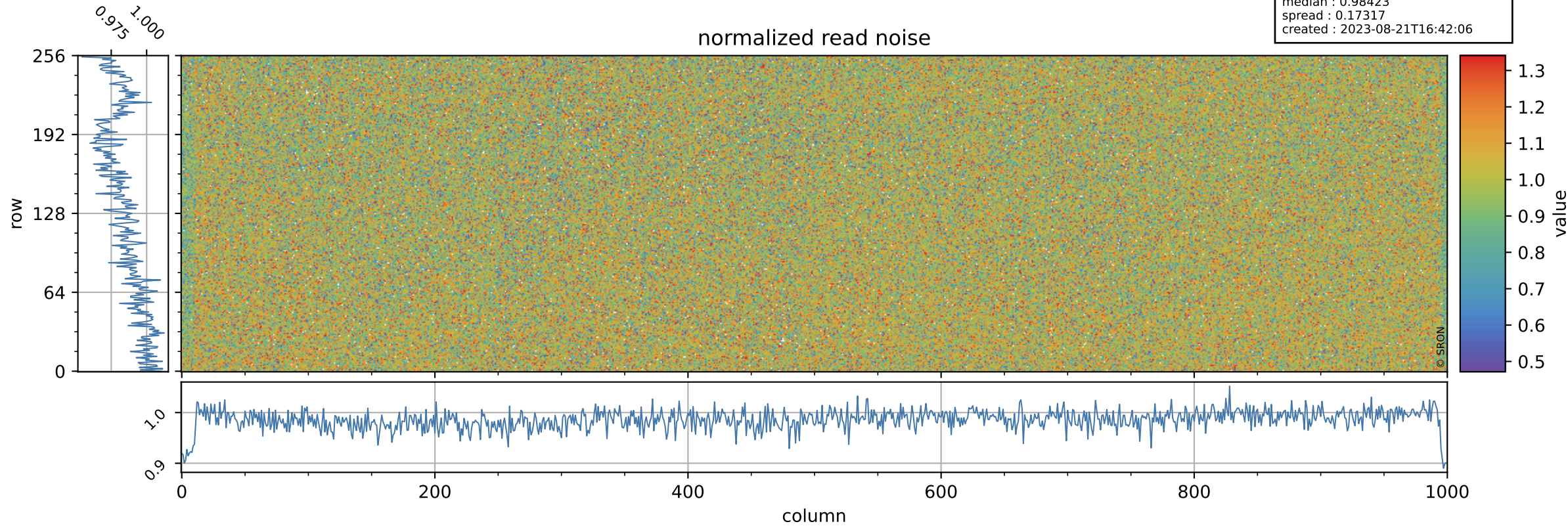
Tropomi SWIR background noise (swir)

orbits : 12 in [25222, 25297]
coverage : 2022-08-25 / 2022-08-30
median : 1.1306 e
spread : 0.066071 e
created : 2023-08-21T16:42:05



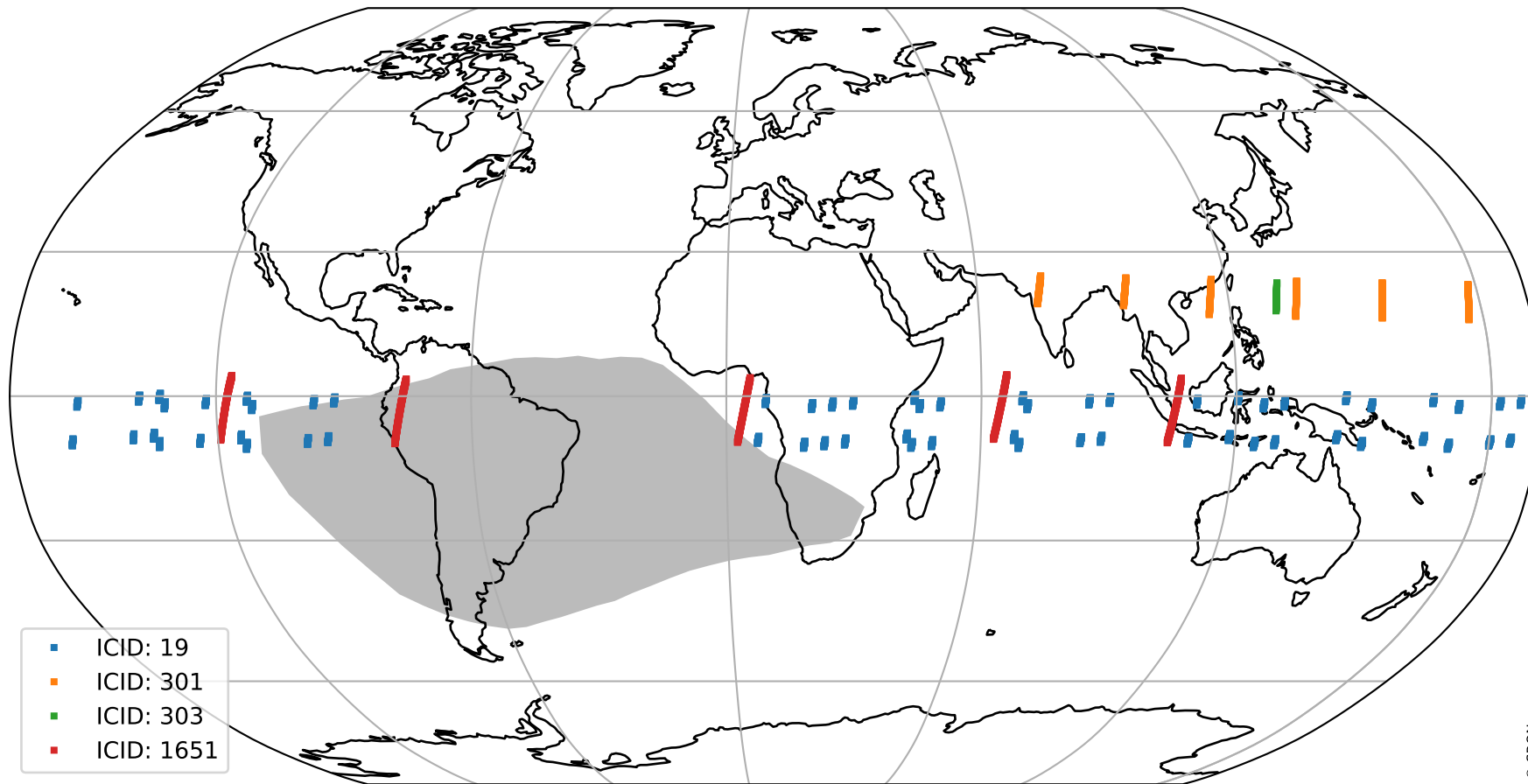
Tropomi SWIR background noise (swir)

orbits : 12 in [25222, 25297]
coverage : 2022-08-25 / 2022-08-30
median : 0.98423
spread : 0.17317
created : 2023-08-21T16:42:06



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

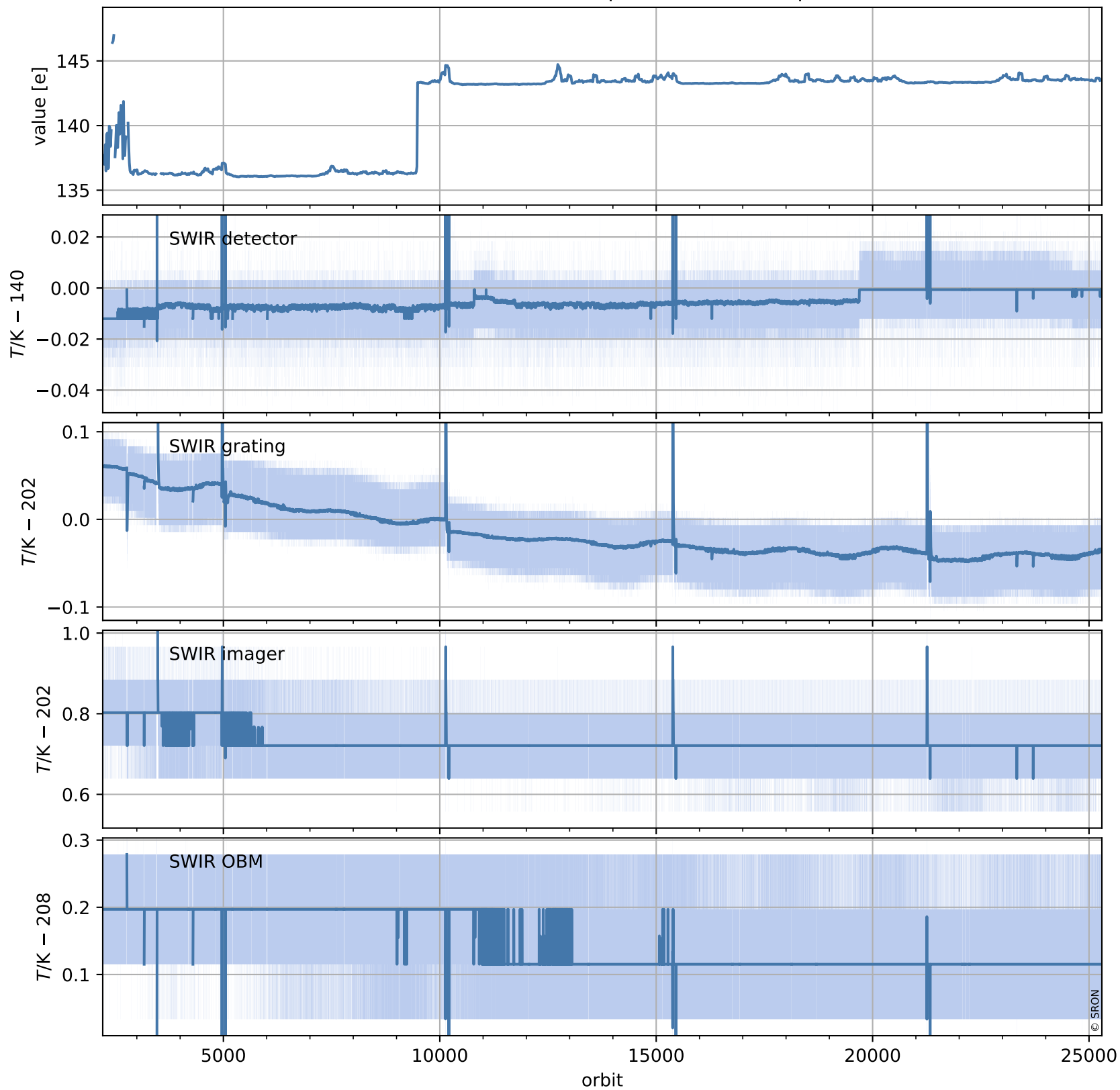
orbits : 12 in [25222, 25297]
coverage : 2022-08-25 / 2022-08-30
created : 2023-08-21T16:42:06



Tropomi SWIR background noise (swir)

orbits : [2212, 25297]
coverage : 2018-03-18 / 2022-08-30
created : 2023-08-21T16:42:06

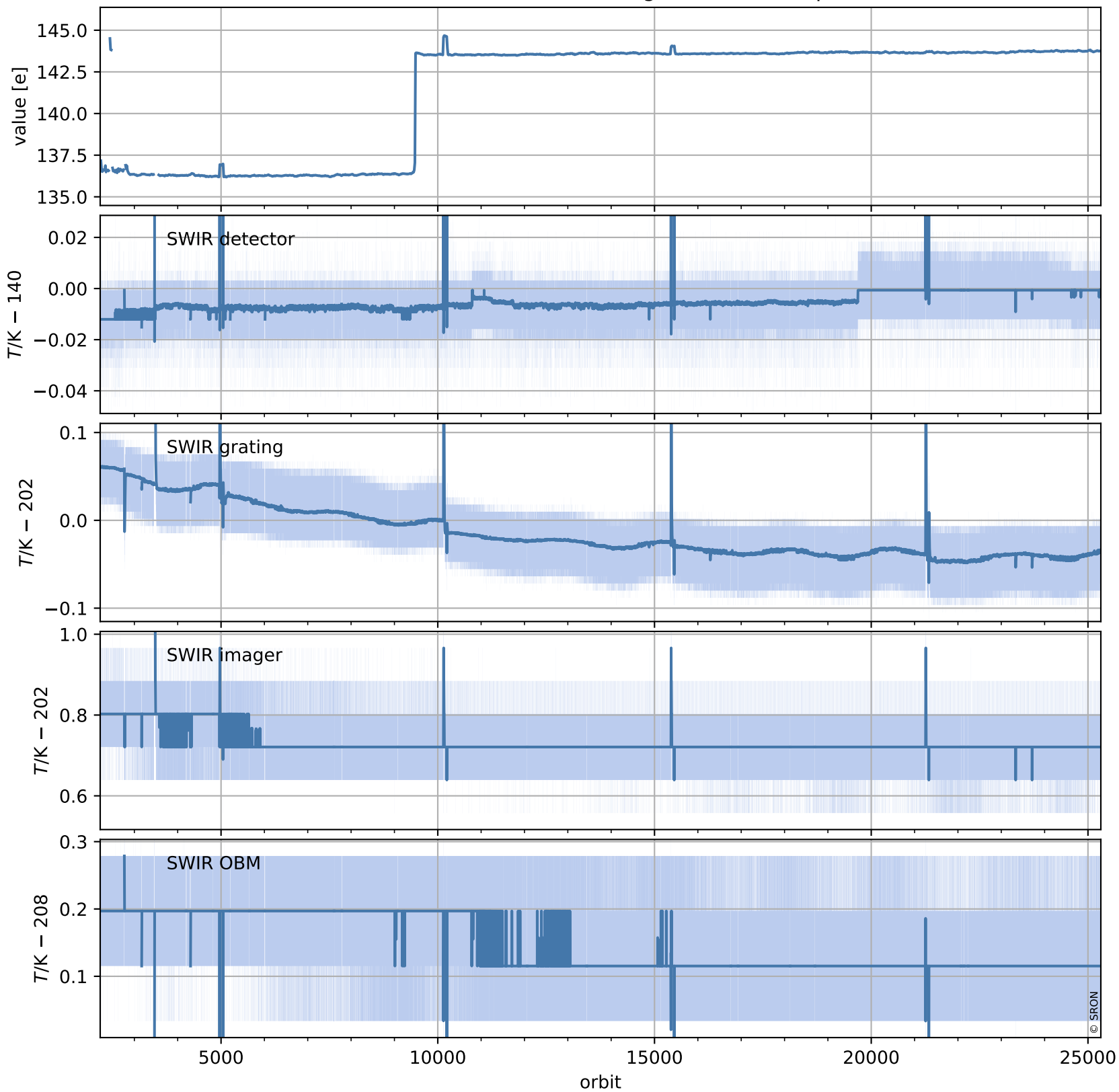
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25297]
coverage : 2018-03-18 / 2022-08-30
created : 2023-08-21T16:42:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25297]
coverage : 2018-03-18 / 2022-08-30
created : 2023-08-21T16:42:08

trend of normalized read-noise & temperatures

