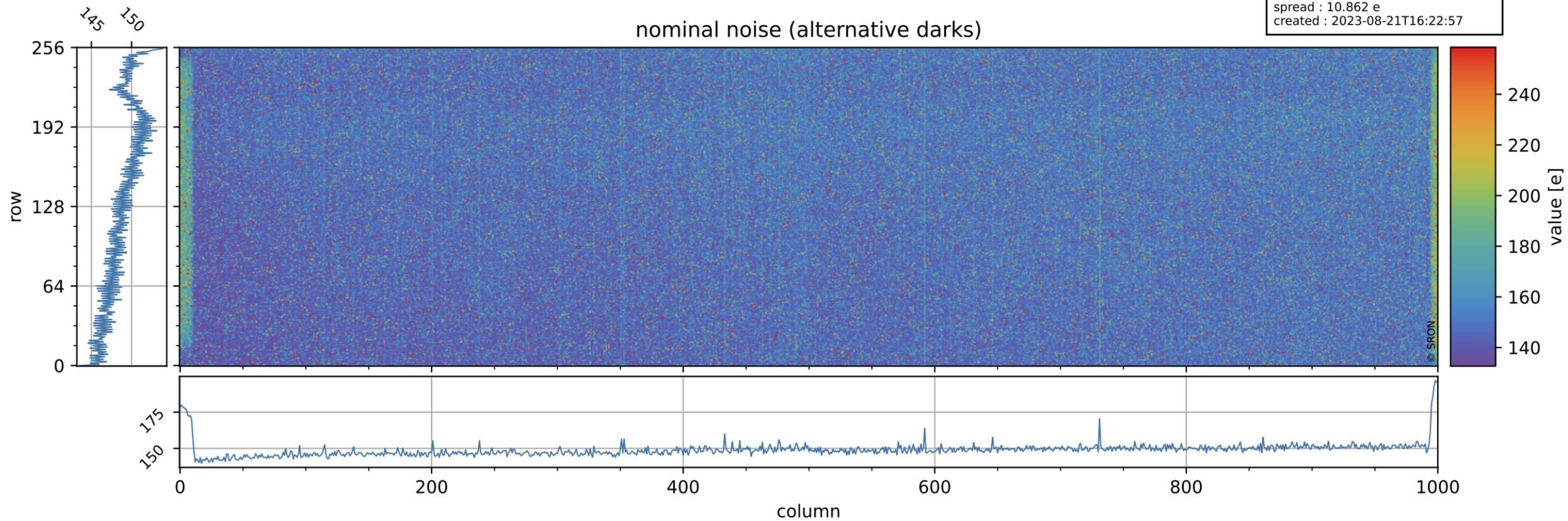


Tropomi SWIR background noise (swir)

orbits : 13 in [22207, 22297]
coverage : 2022-01-26 / 2022-02-01
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 10.862 e
created : 2023-08-21T16:22:57

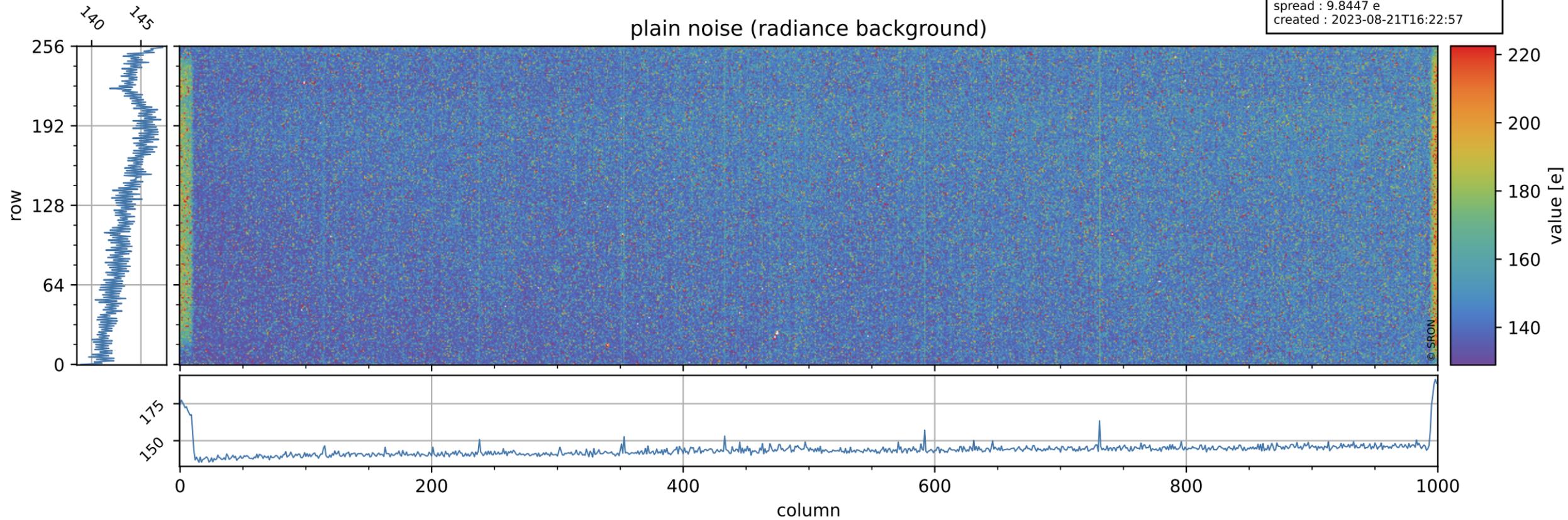
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [22207, 22297]
coverage : 2022-01-26 / 2022-02-01
n_coad, t_exp : 1, 0.8383
median : 143.47 e
spread : 9.8447 e
created : 2023-08-21T16:22:57

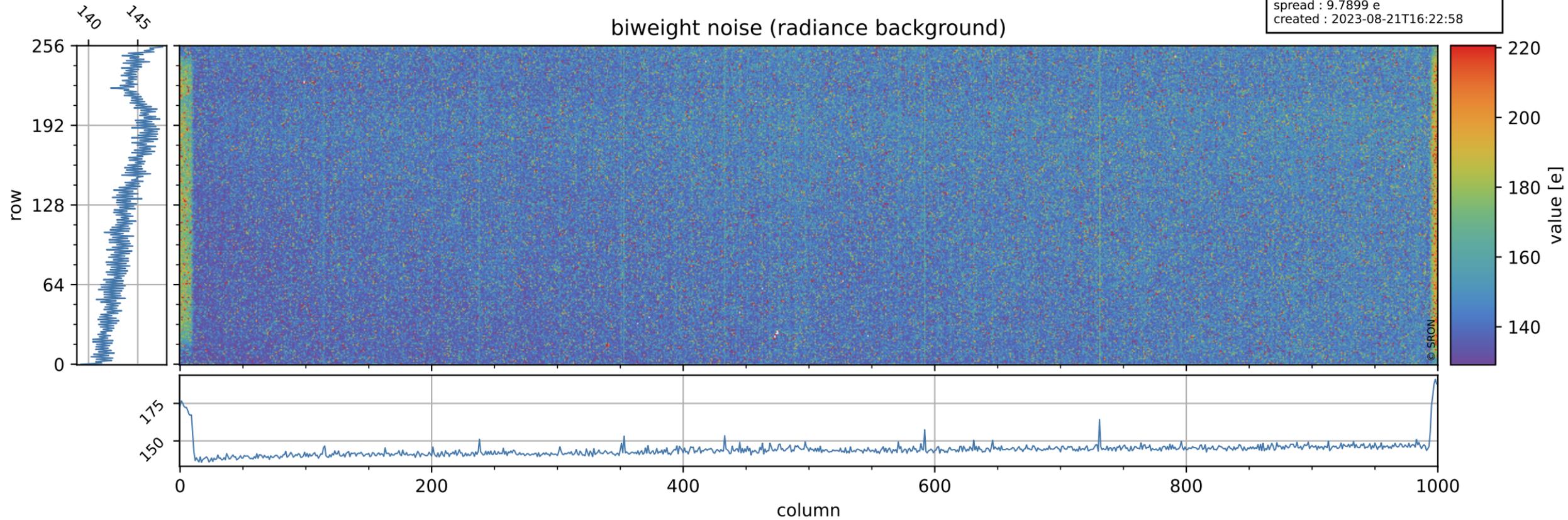
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22207, 22297]
coverage : 2022-01-26 / 2022-02-01
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7899 e
created : 2023-08-21T16:22:58

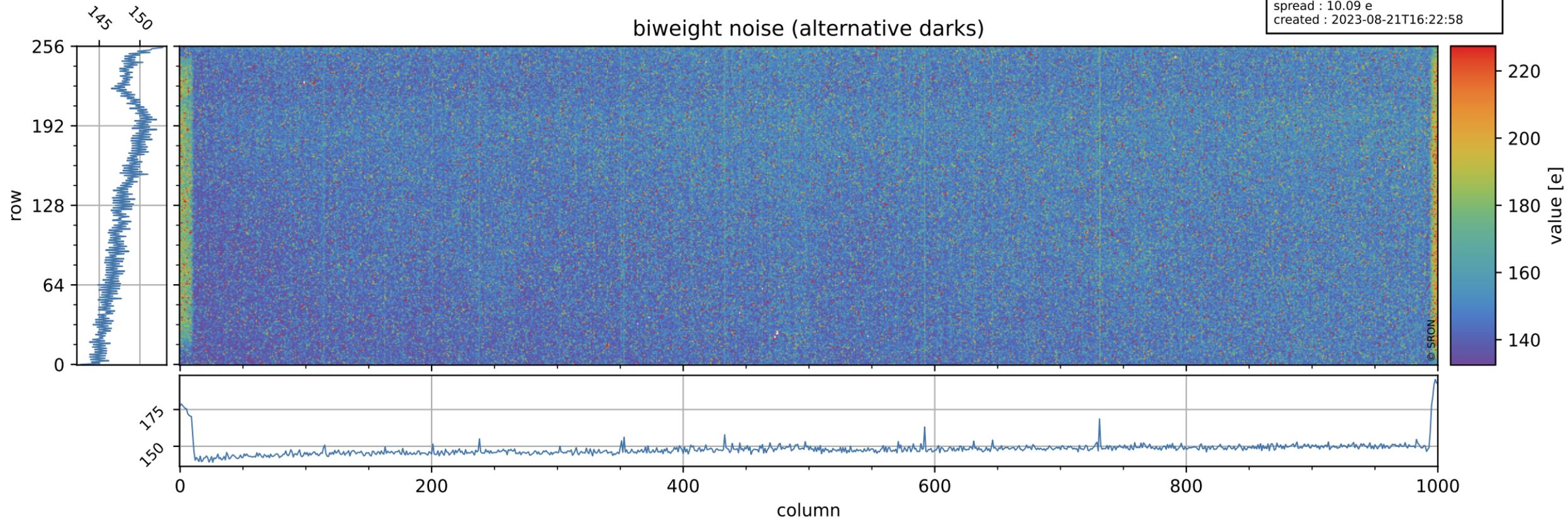
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22207, 22297]
coverage : 2022-01-26 / 2022-02-01
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.09 e
created : 2023-08-21T16:22:58

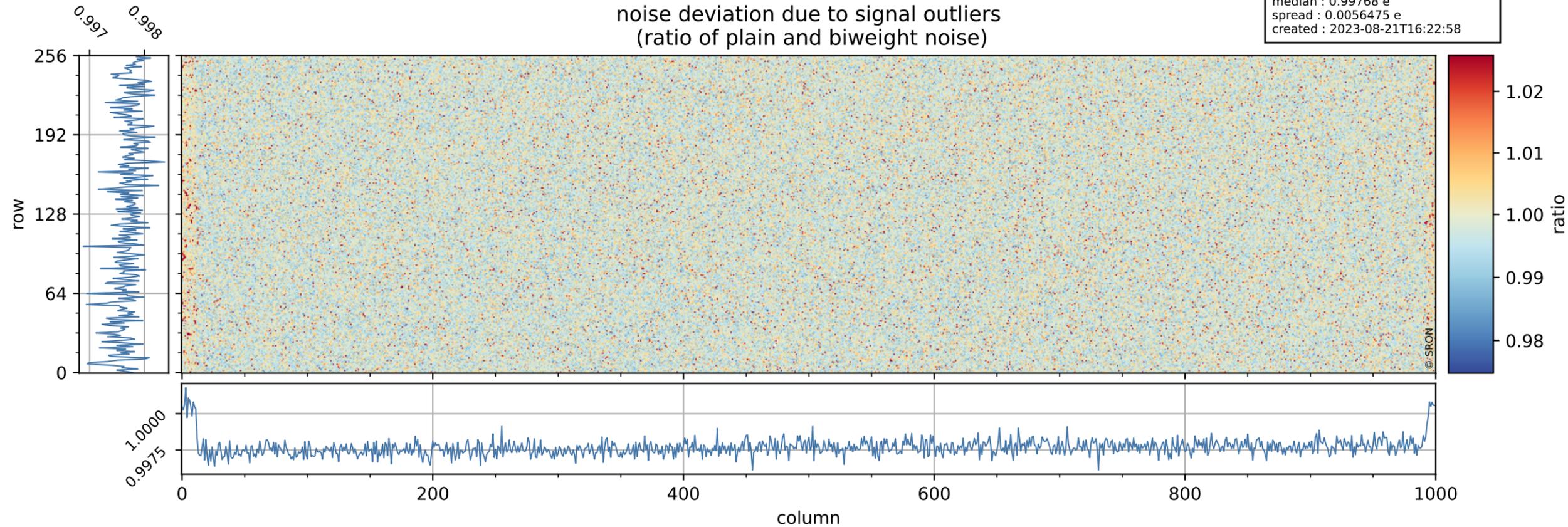
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

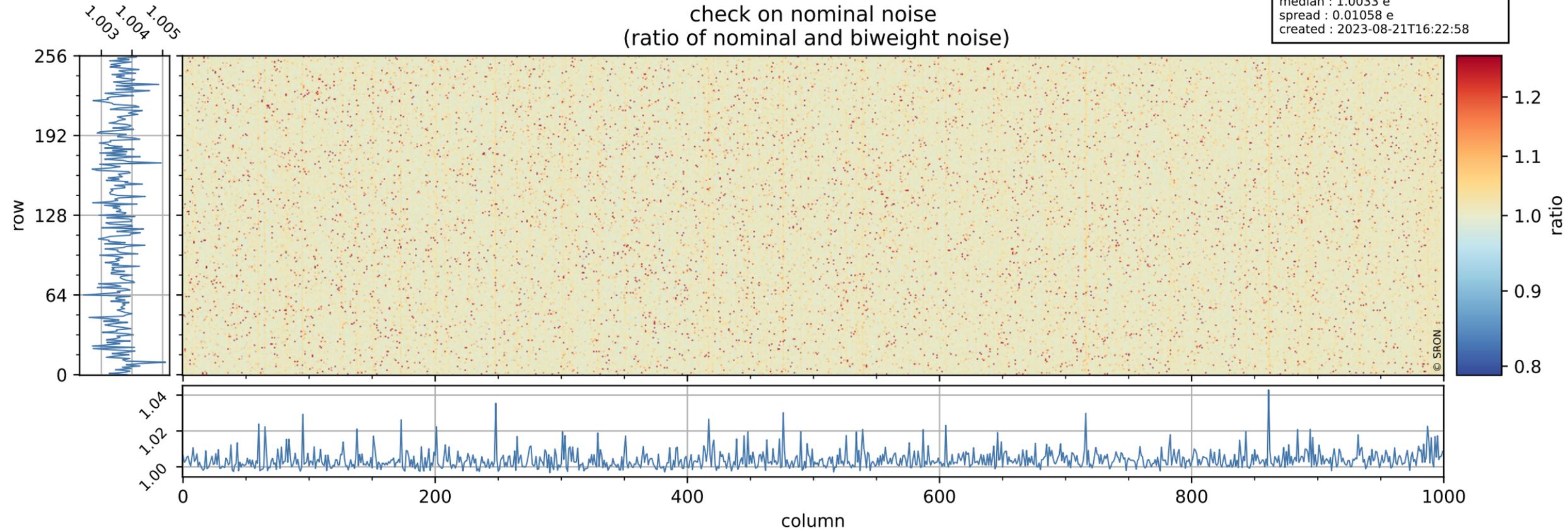
orbits : 13 in [22207, 22297]
coverage : 2022-01-26 / 2022-02-01
median : 0.99768 e
spread : 0.0056475 e
created : 2023-08-21T16:22:58



Tropomi SWIR background noise (swir)

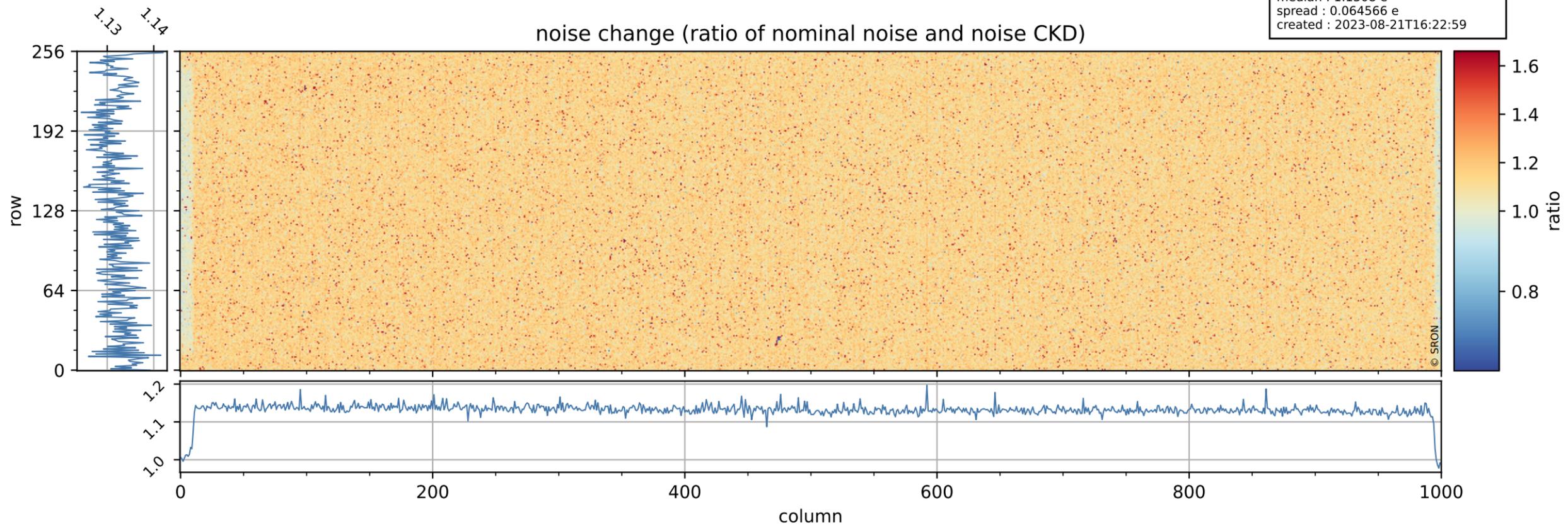
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [22207, 22297]
coverage : 2022-01-26 / 2022-02-01
median : 1.0033 e
spread : 0.01058 e
created : 2023-08-21T16:22:58



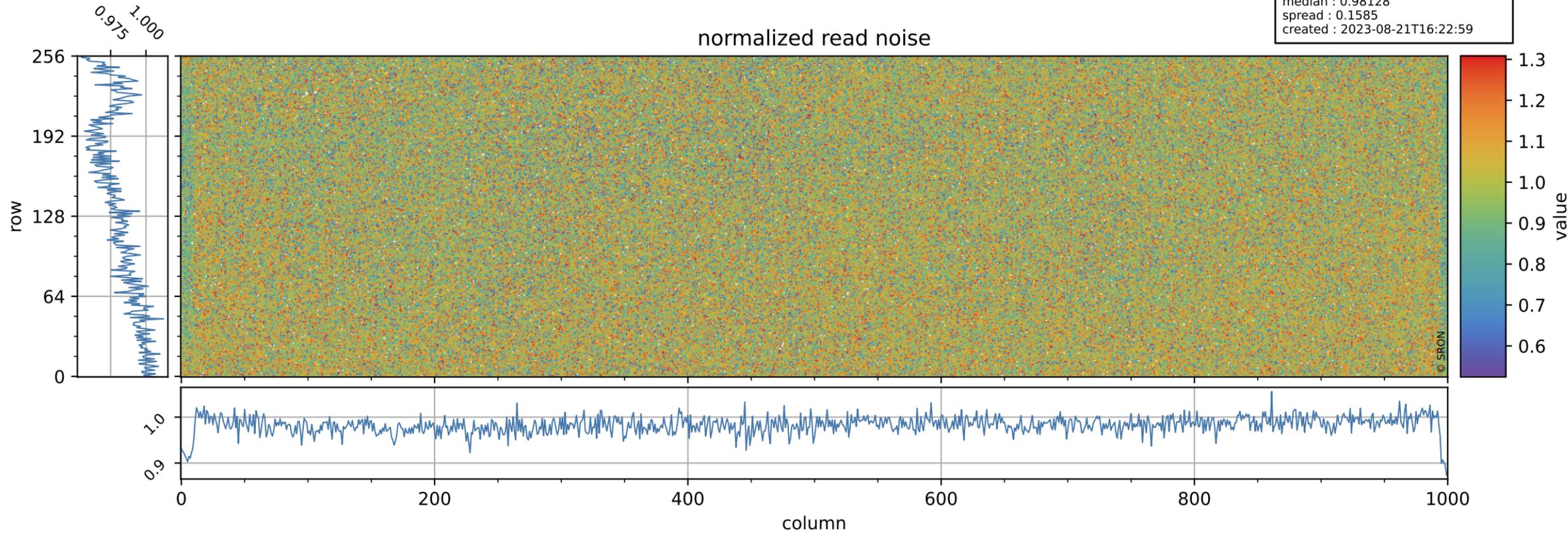
Tropomi SWIR background noise (swir)

orbits : 13 in [22207, 22297]
coverage : 2022-01-26 / 2022-02-01
median : 1.1308 e
spread : 0.064566 e
created : 2023-08-21T16:22:59



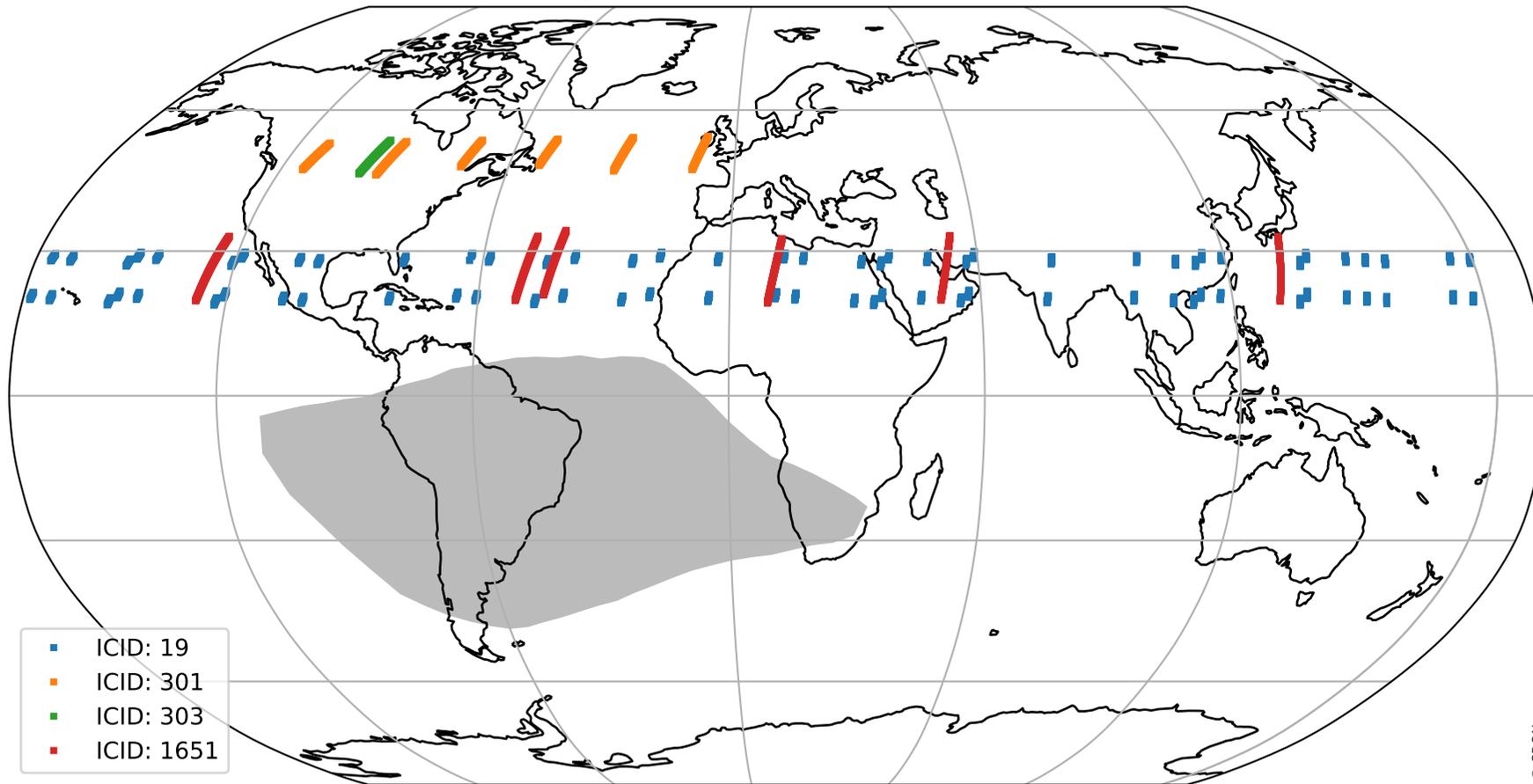
Tropomi SWIR background noise (swir)

orbits : 13 in [22207, 22297]
coverage : 2022-01-26 / 2022-02-01
median : 0.98128
spread : 0.1585
created : 2023-08-21T16:22:59



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

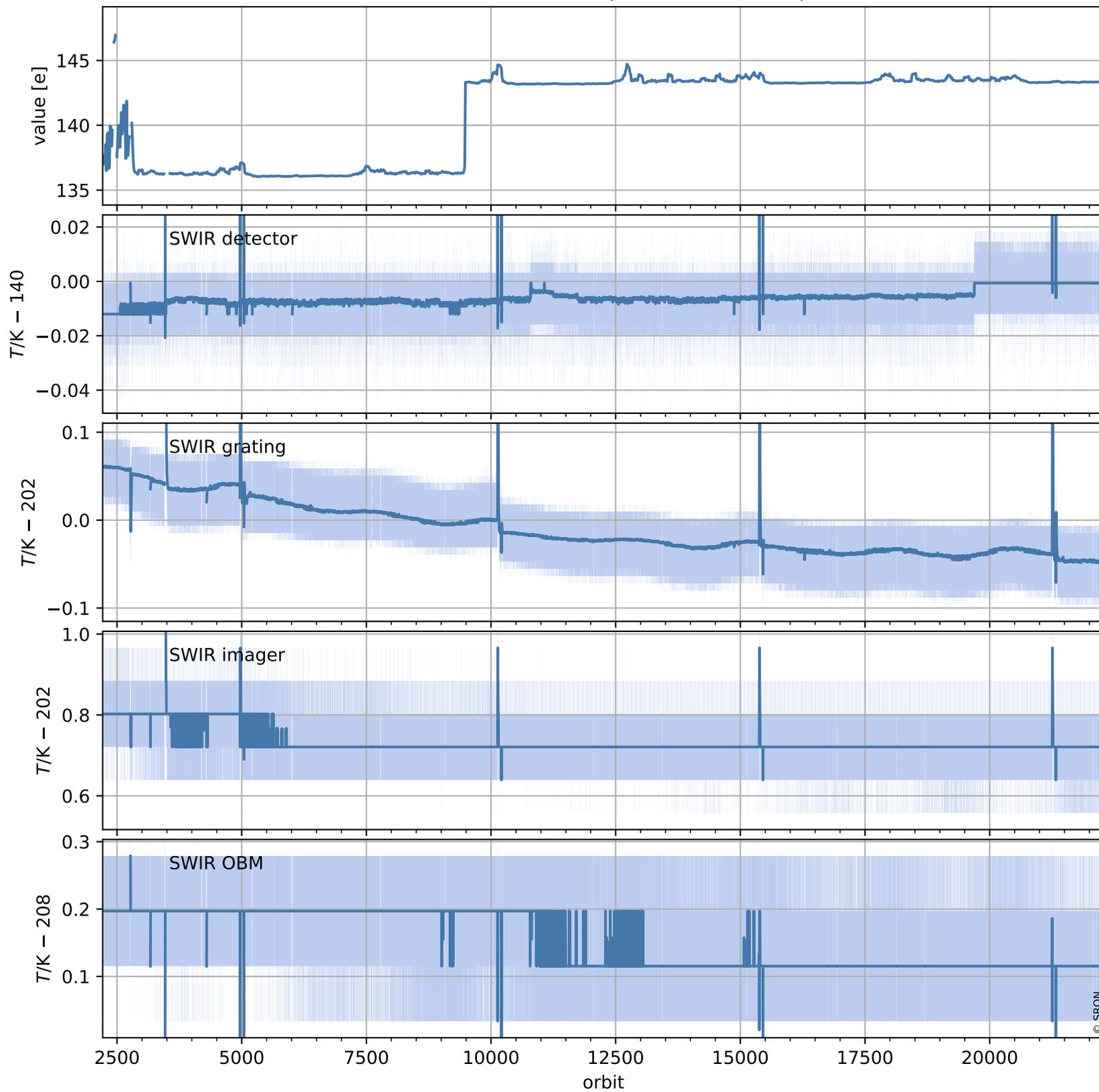
orbits : 13 in [22207, 22297]
coverage : 2022-01-26 / 2022-02-01
created : 2023-08-21T16:22:59



Tropomi SWIR background noise (swir)

orbits : [2212, 22297]
coverage : 2018-03-18 / 2022-02-01
created : 2023-08-21T16:23:00

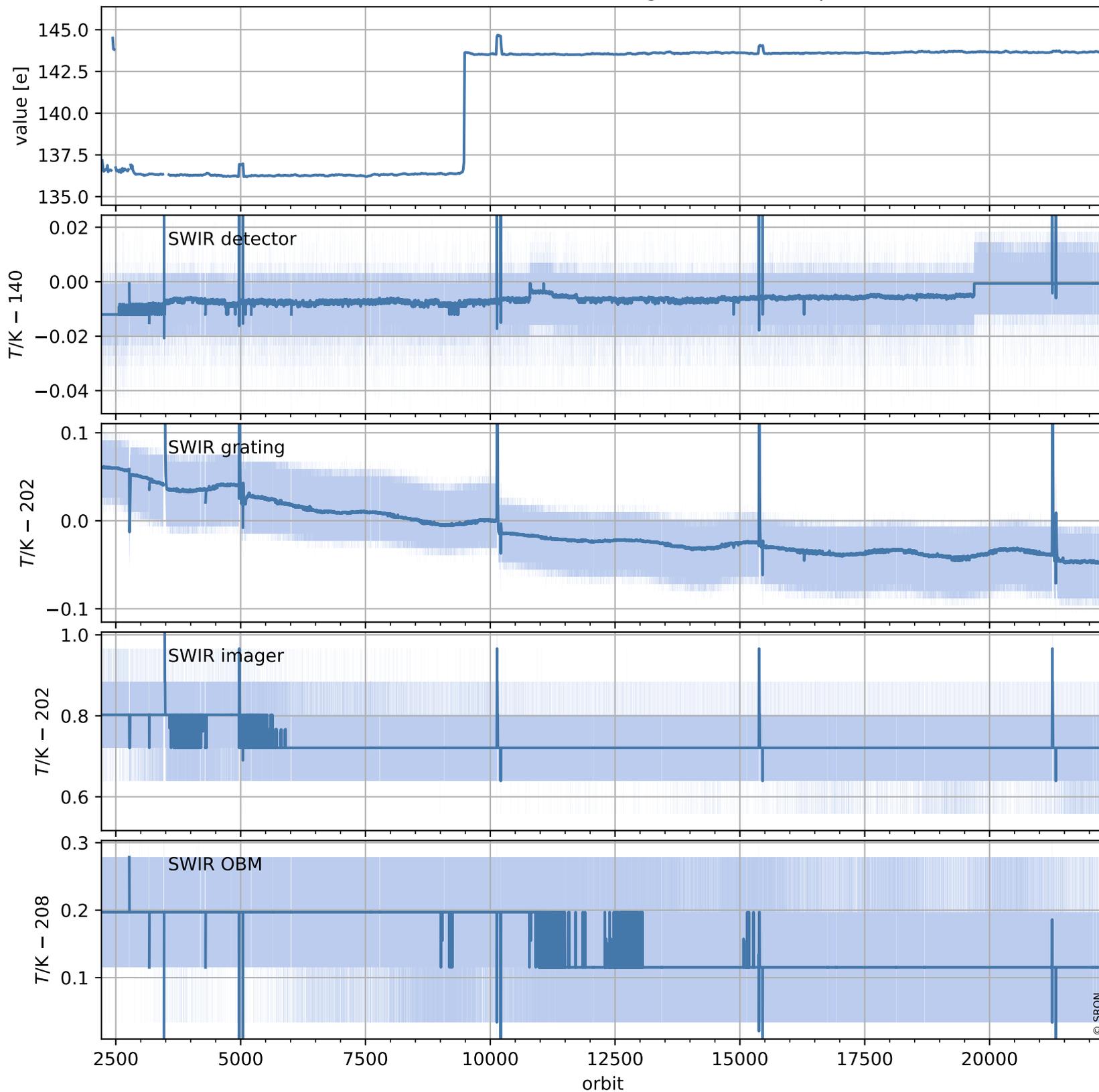
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22297]
coverage : 2018-03-18 / 2022-02-01
created : 2023-08-21T16:23:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22297]
coverage : 2018-03-18 / 2022-02-01
created : 2023-08-21T16:23:02

trend of normalized read-noise & temperatures

