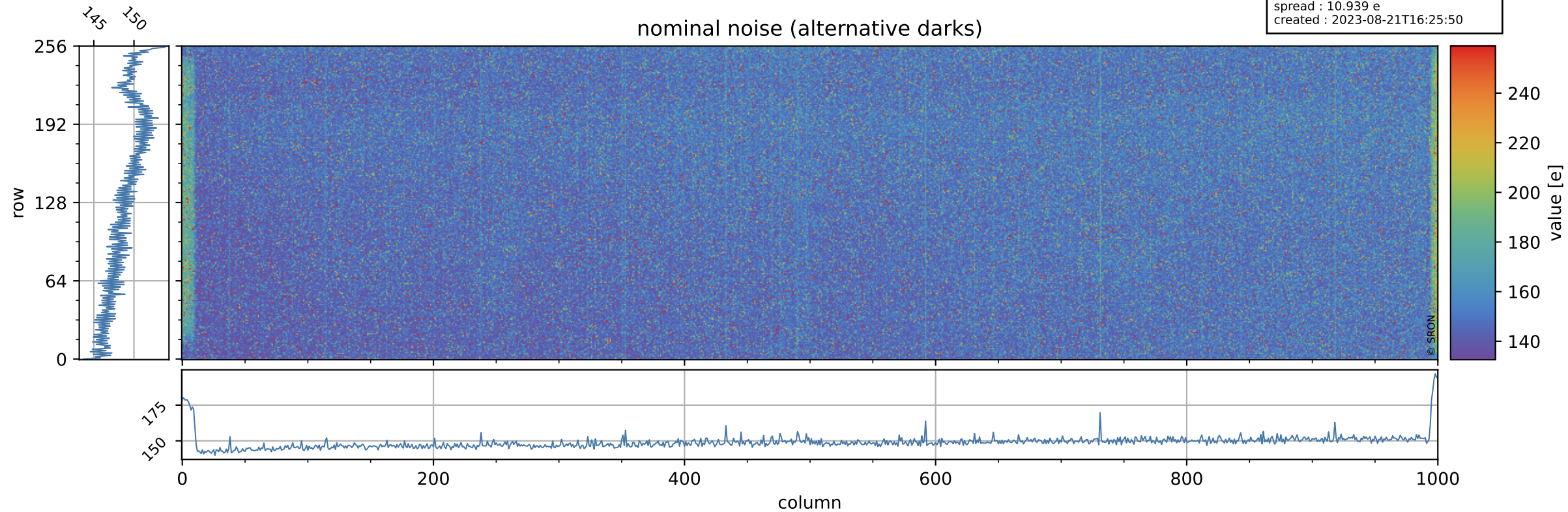


Tropomi SWIR background noise (swir)

orbits : 12 in [22657, 22747]
coverage : 2022-02-26 / 2022-03-04
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 10.939 e
created : 2023-08-21T16:25:50

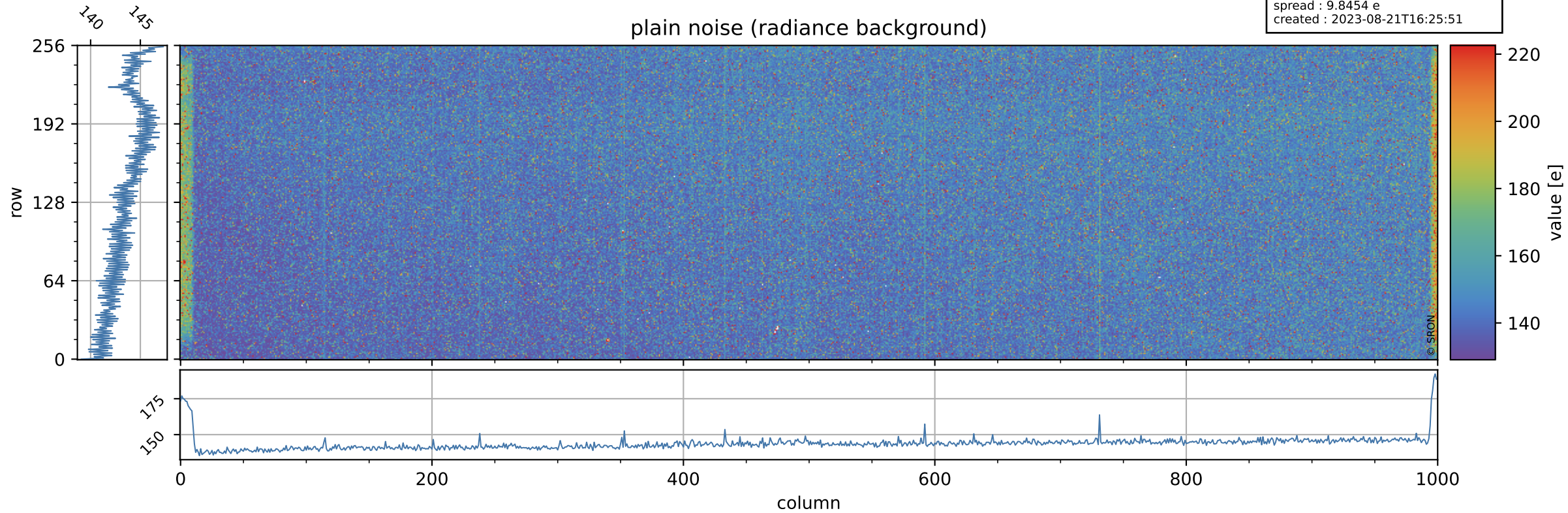
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22657, 22747]
coverage : 2022-02-26 / 2022-03-04
n_coad, t_exp : 1, 0.8383
median : 143.51 e
spread : 9.8454 e
created : 2023-08-21T16:25:51

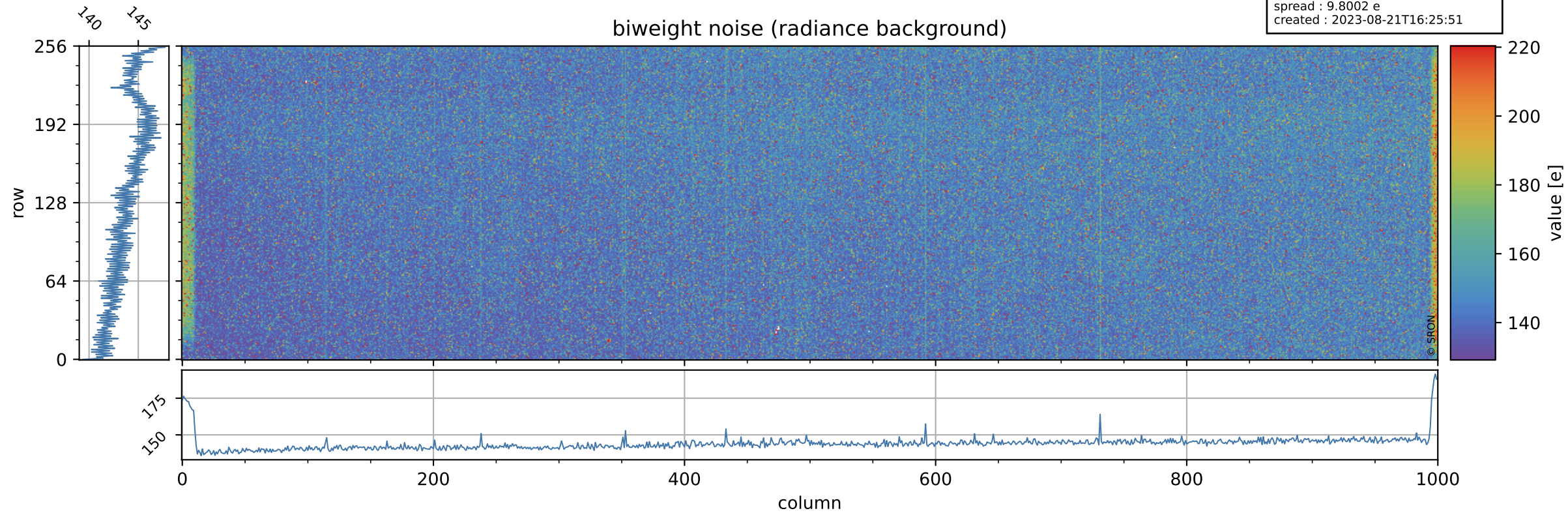
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22657, 22747]
coverage : 2022-02-26 / 2022-03-04
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.8002 e
created : 2023-08-21T16:25:51

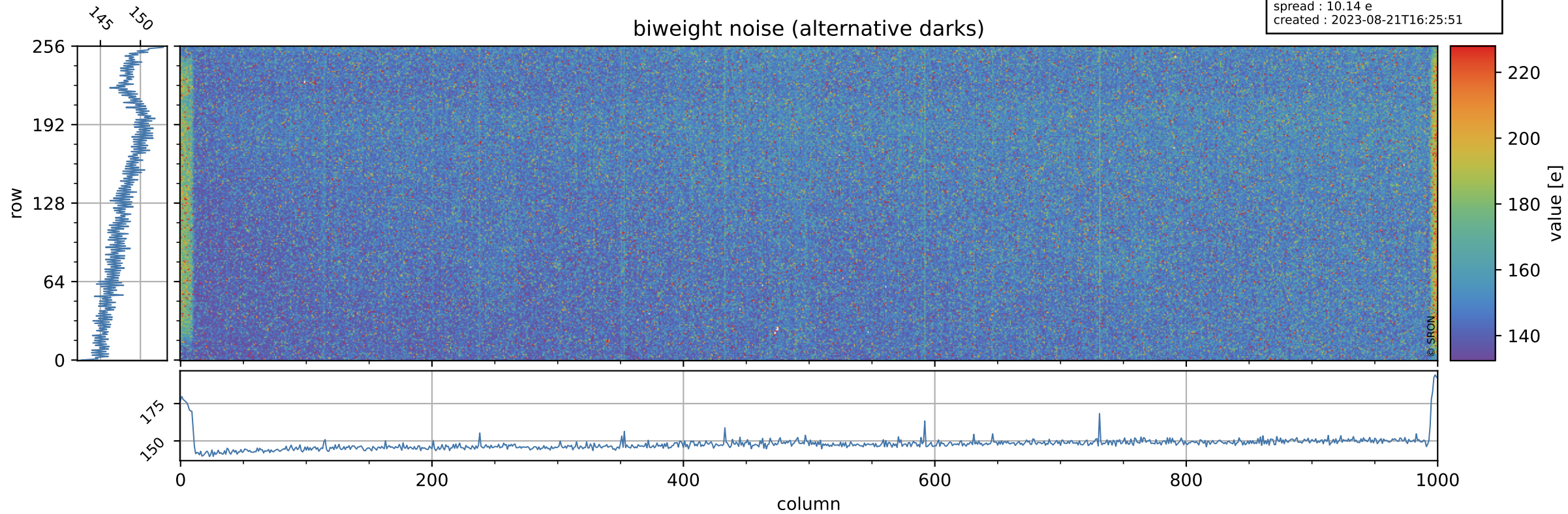
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22657, 22747]
coverage : 2022-02-26 / 2022-03-04
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.14 e
created : 2023-08-21T16:25:51

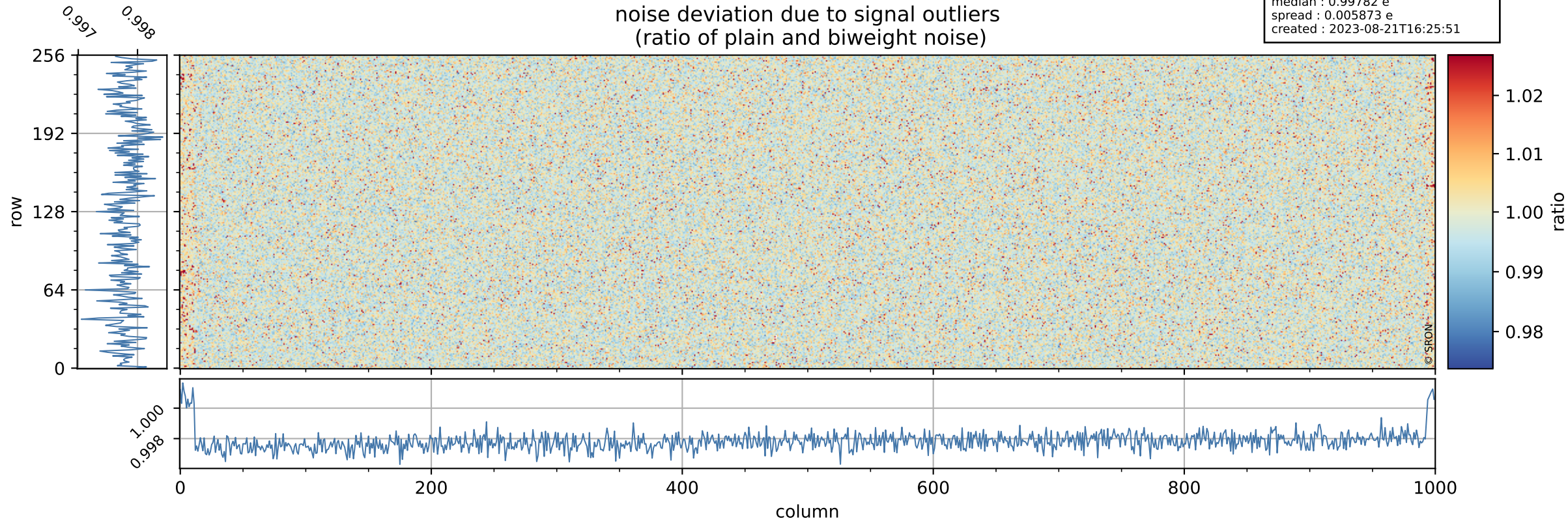
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

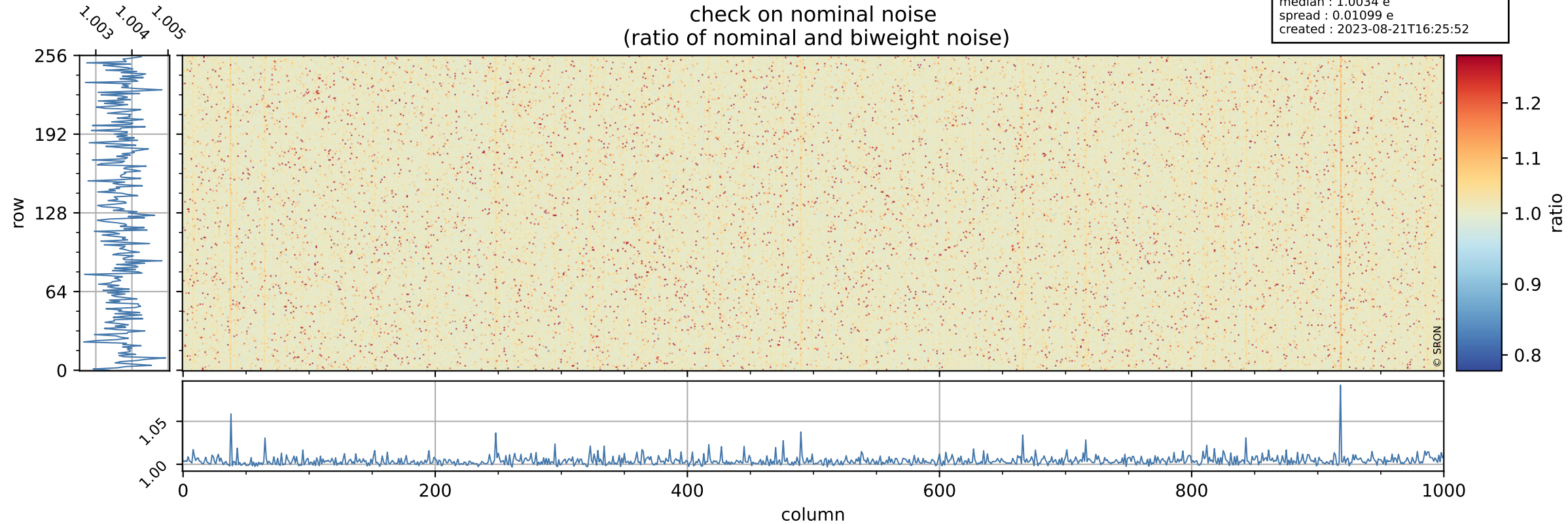
orbits : 12 in [22657, 22747]
coverage : 2022-02-26 / 2022-03-04
median : 0.99782 e
spread : 0.005873 e
created : 2023-08-21T16:25:51



Tropomi SWIR background noise (swir)

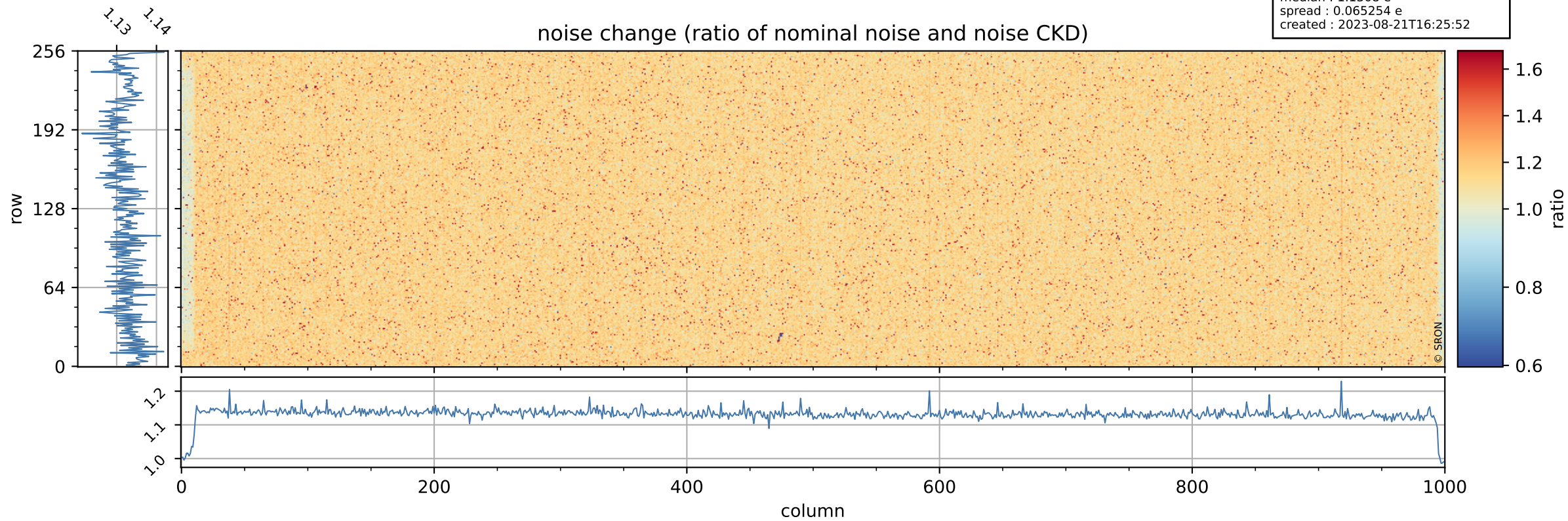
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22657, 22747]
coverage : 2022-02-26 / 2022-03-04
median : 1.0034 e
spread : 0.01099 e
created : 2023-08-21T16:25:52



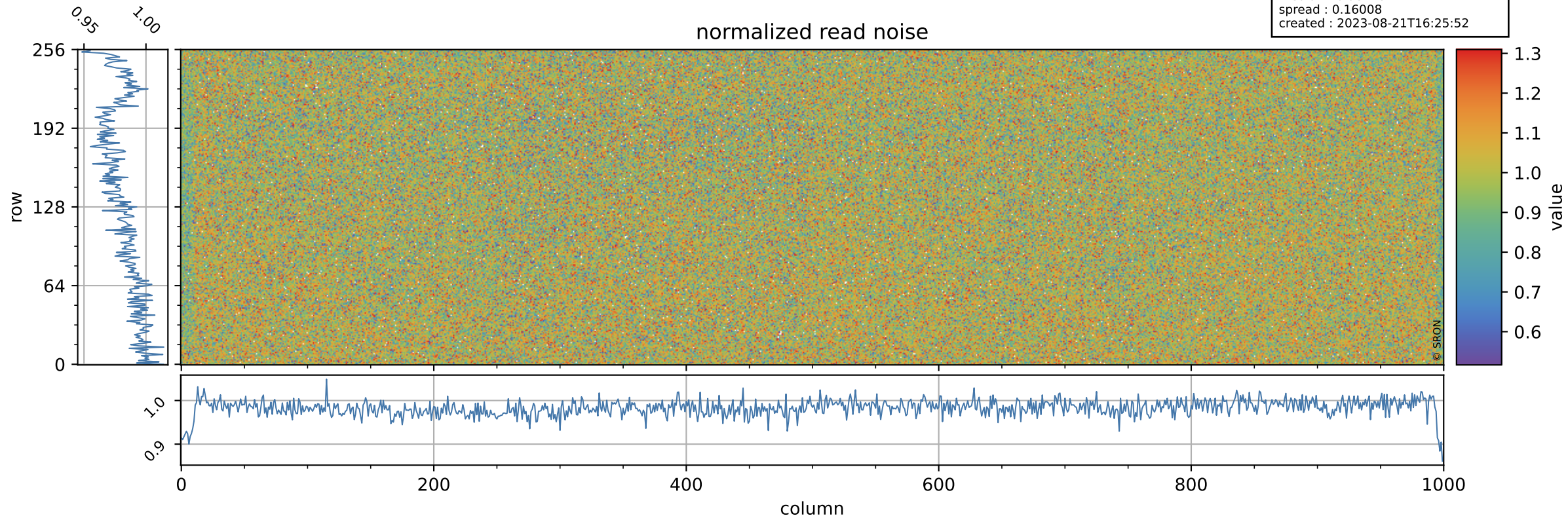
Tropomi SWIR background noise (swir)

orbits : 12 in [22657, 22747]
coverage : 2022-02-26 / 2022-03-04
median : 1.1308 e
spread : 0.065254 e
created : 2023-08-21T16:25:52



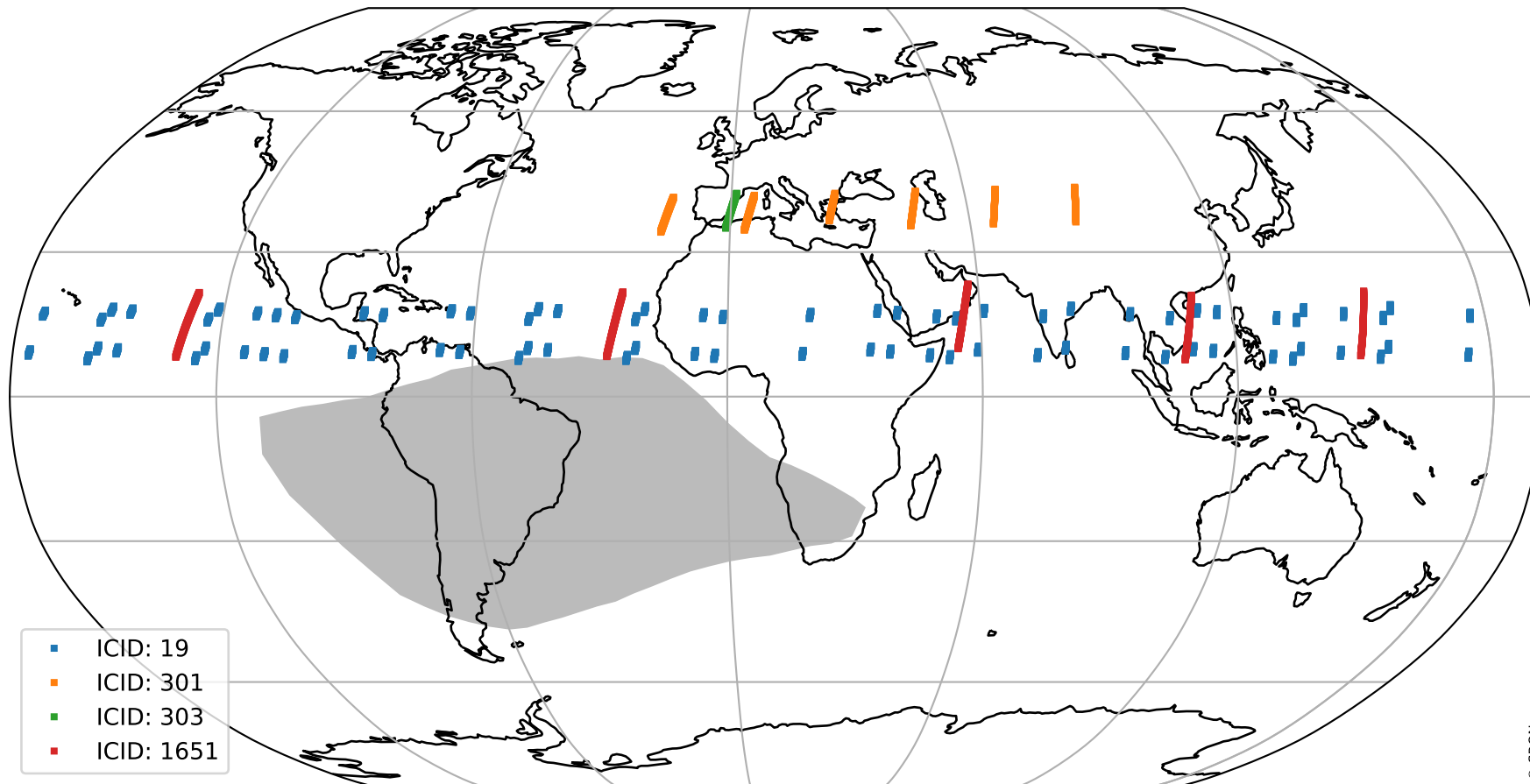
Tropomi SWIR background noise (swir)

orbits : 12 in [22657, 22747]
coverage : 2022-02-26 / 2022-03-04
median : 0.98173
spread : 0.16008
created : 2023-08-21T16:25:52



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

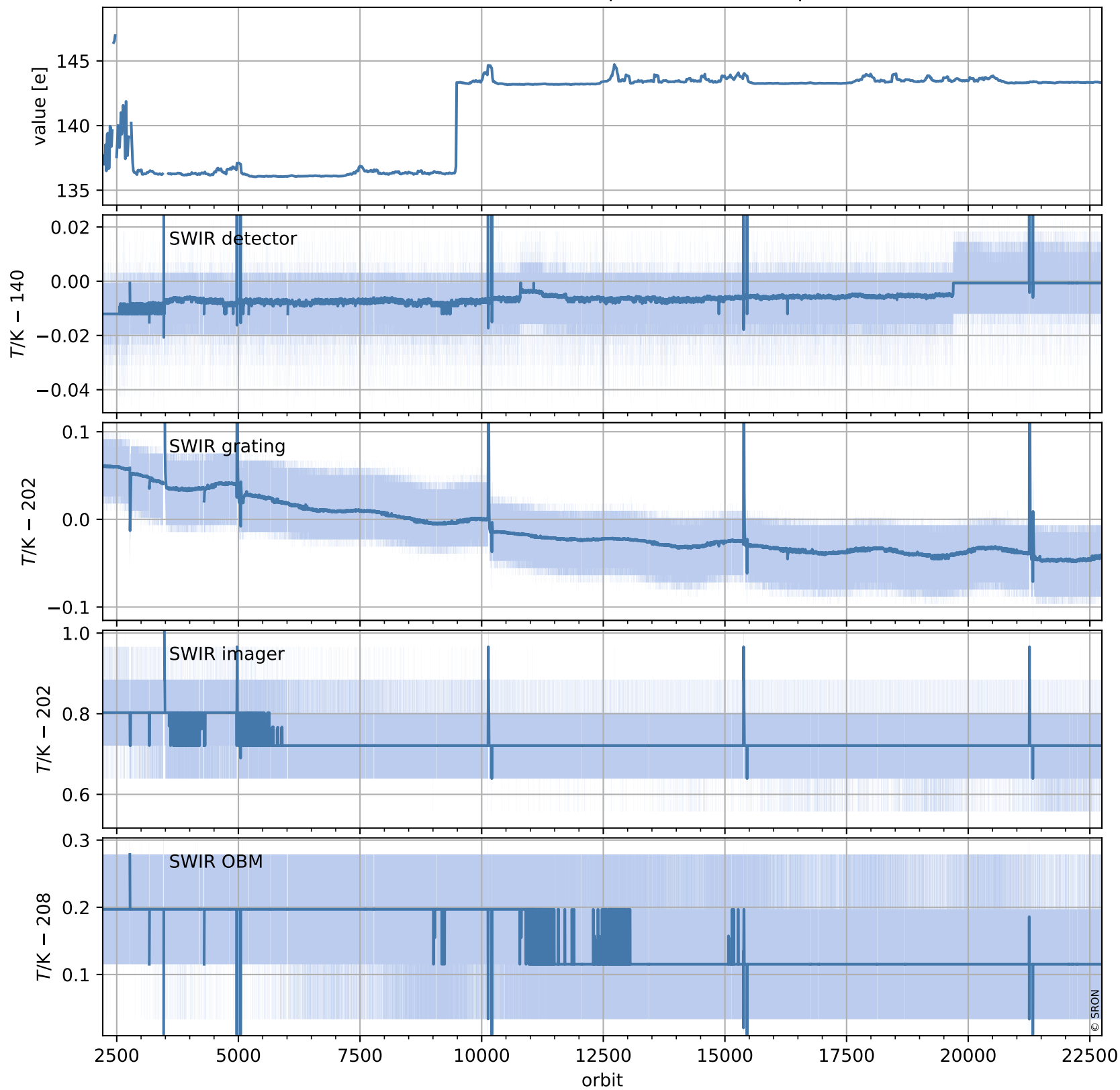
orbits : 12 in [22657, 22747]
coverage : 2022-02-26 / 2022-03-04
created : 2023-08-21T16:25:53



Tropomi SWIR background noise (swir)

orbits : [2212, 22747]
coverage : 2018-03-18 / 2022-03-04
created : 2023-08-21T16:25:53

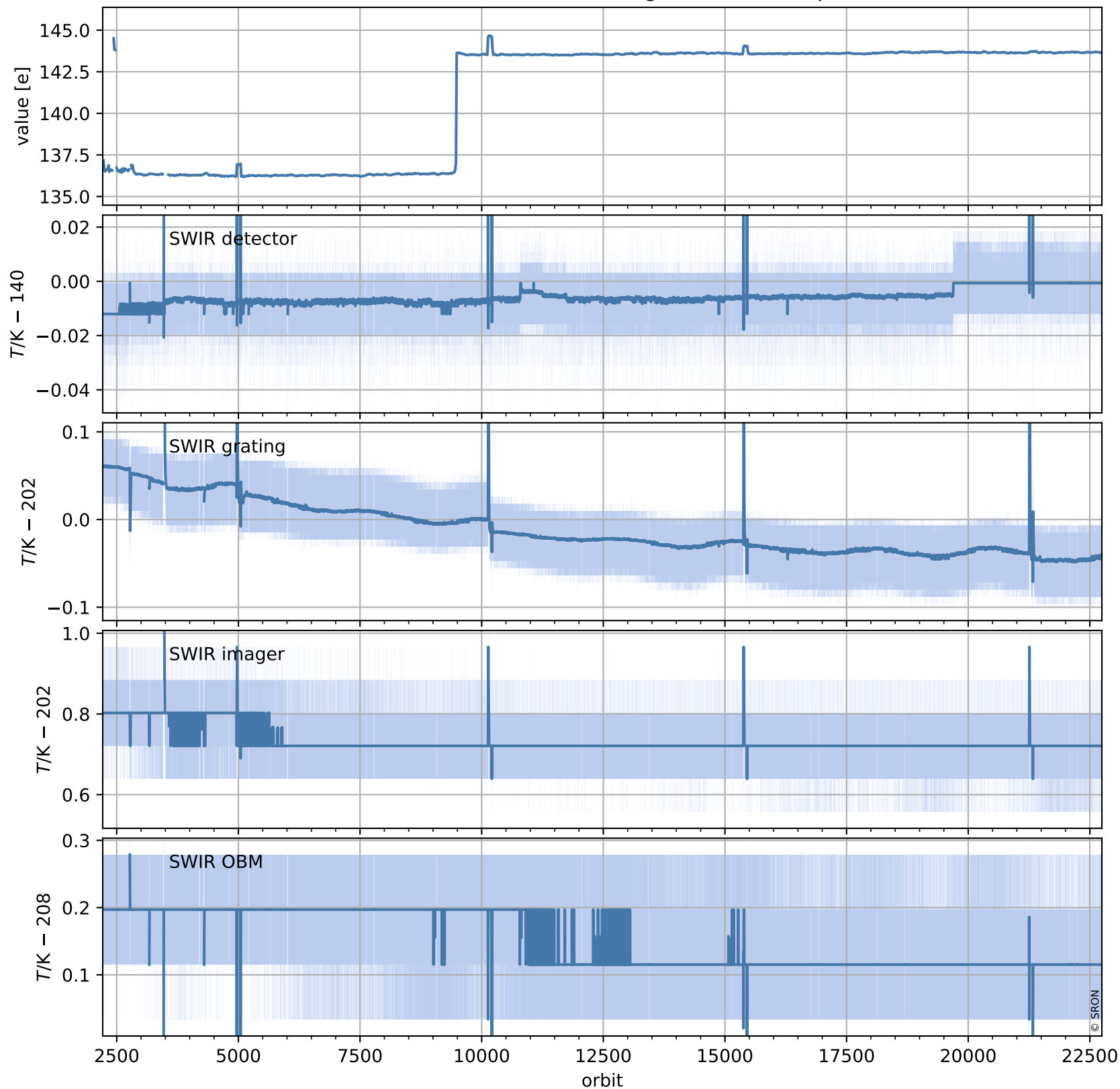
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22747]
coverage : 2018-03-18 / 2022-03-04
created : 2023-08-21T16:25:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22747]
coverage : 2018-03-18 / 2022-03-04
created : 2023-08-21T16:25:55

trend of normalized read-noise & temperatures

