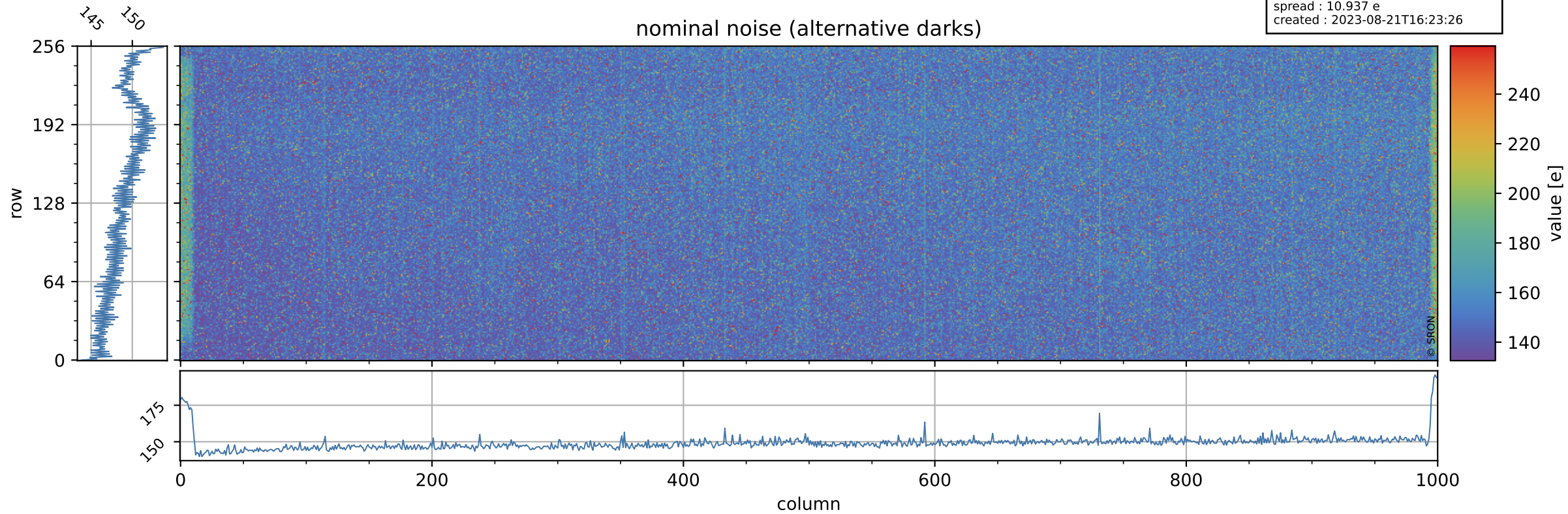


Tropomi SWIR background noise (swir)

orbits : 12 in [22282, 22372]
coverage : 2022-01-31 / 2022-02-06
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 10.937 e
created : 2023-08-21T16:23:26

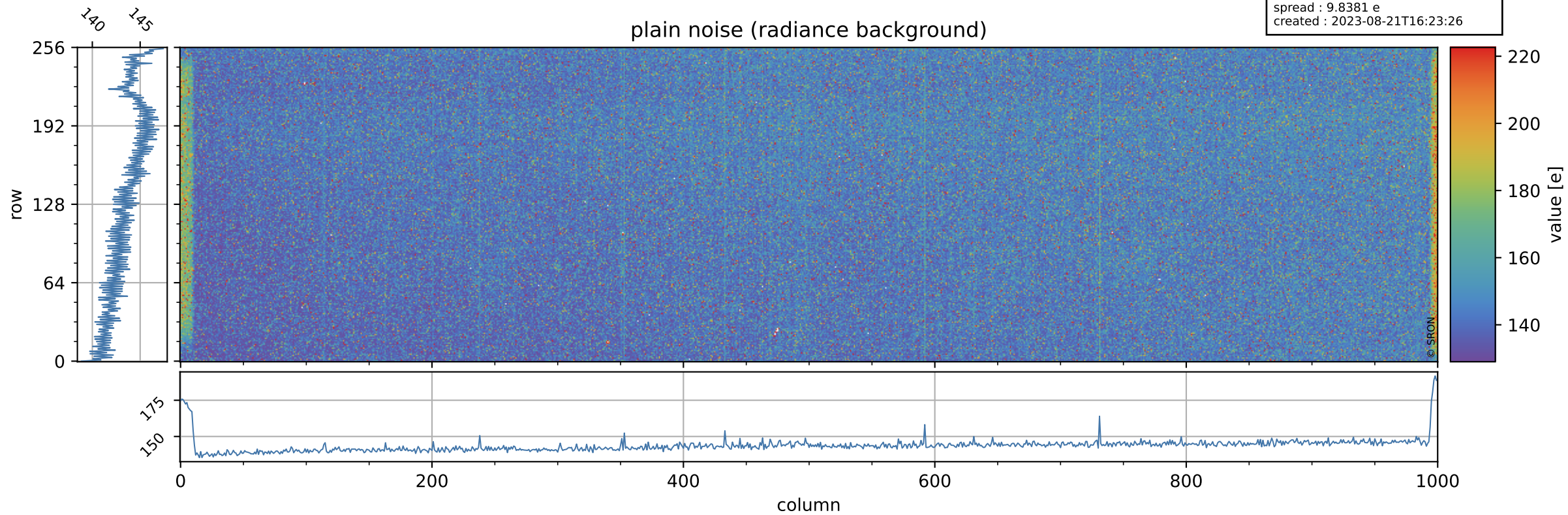
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22282, 22372]
coverage : 2022-01-31 / 2022-02-06
n_coad, t_exp : 1, 0.8383
median : 143.47 e
spread : 9.8381 e
created : 2023-08-21T16:23:26

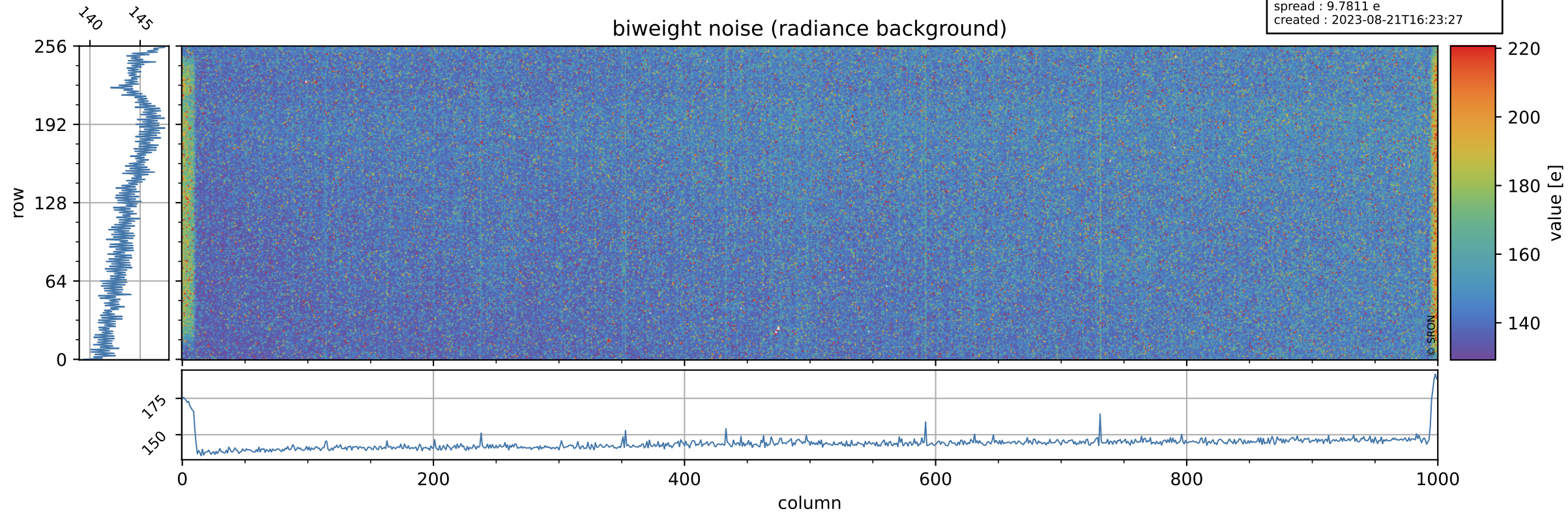
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22282, 22372]
coverage : 2022-01-31 / 2022-02-06
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7811 e
created : 2023-08-21T16:23:27

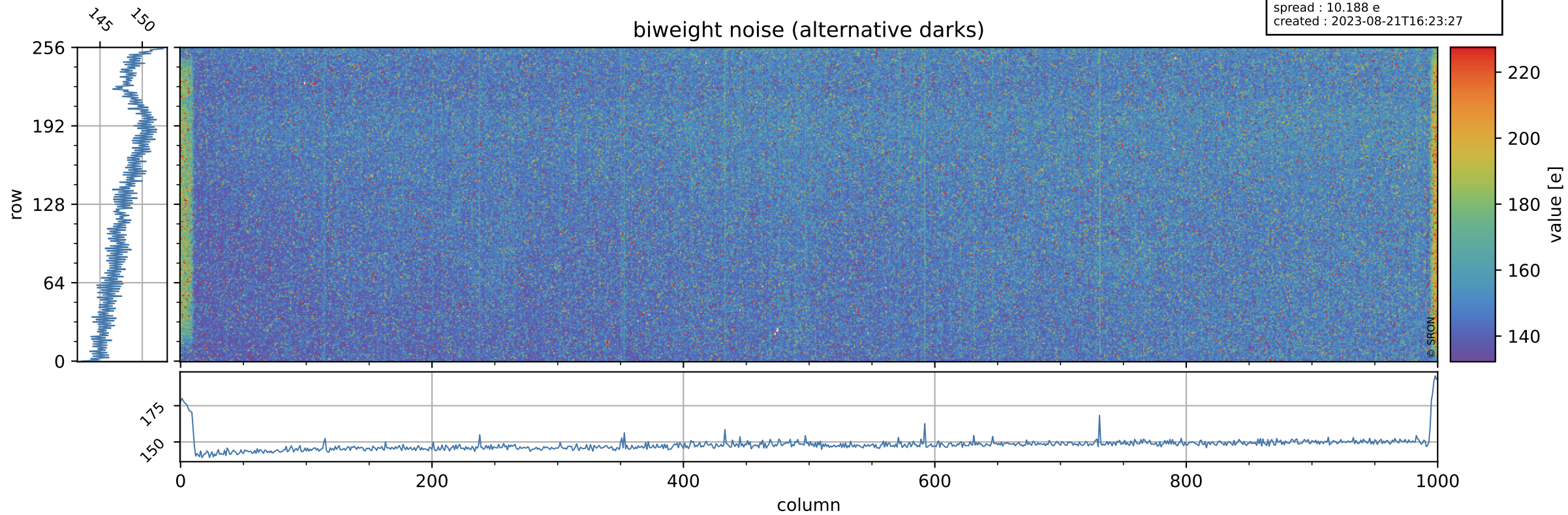
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22282, 22372]
coverage : 2022-01-31 / 2022-02-06
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.188 e
created : 2023-08-21T16:23:27

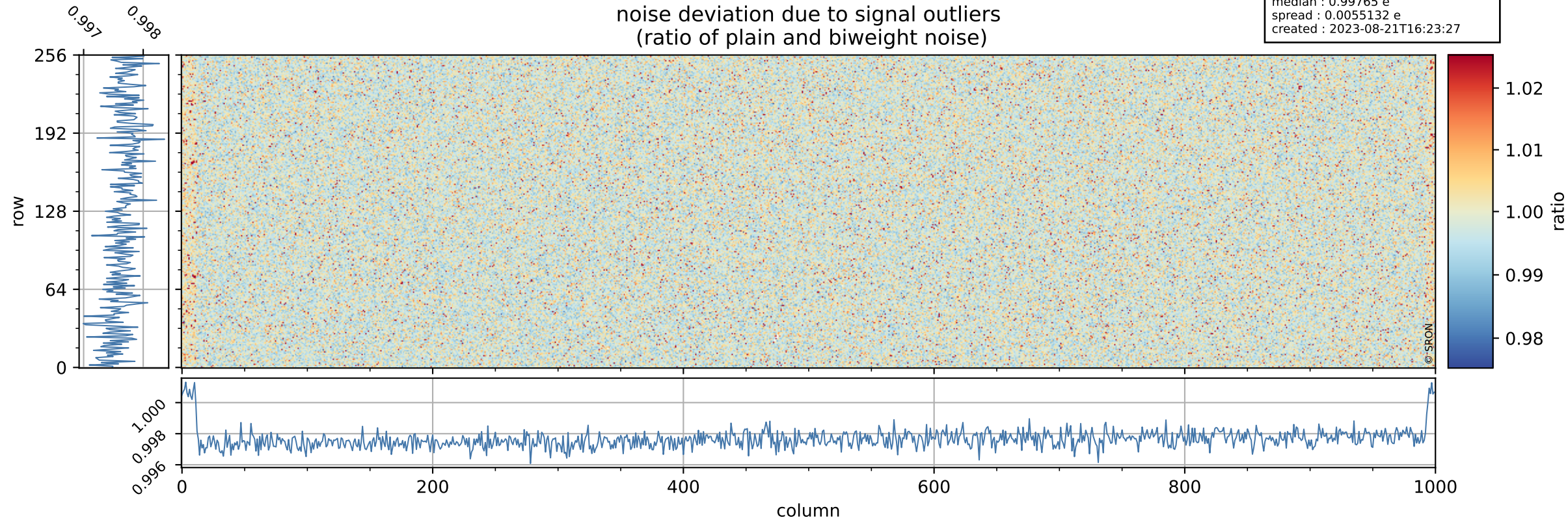
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

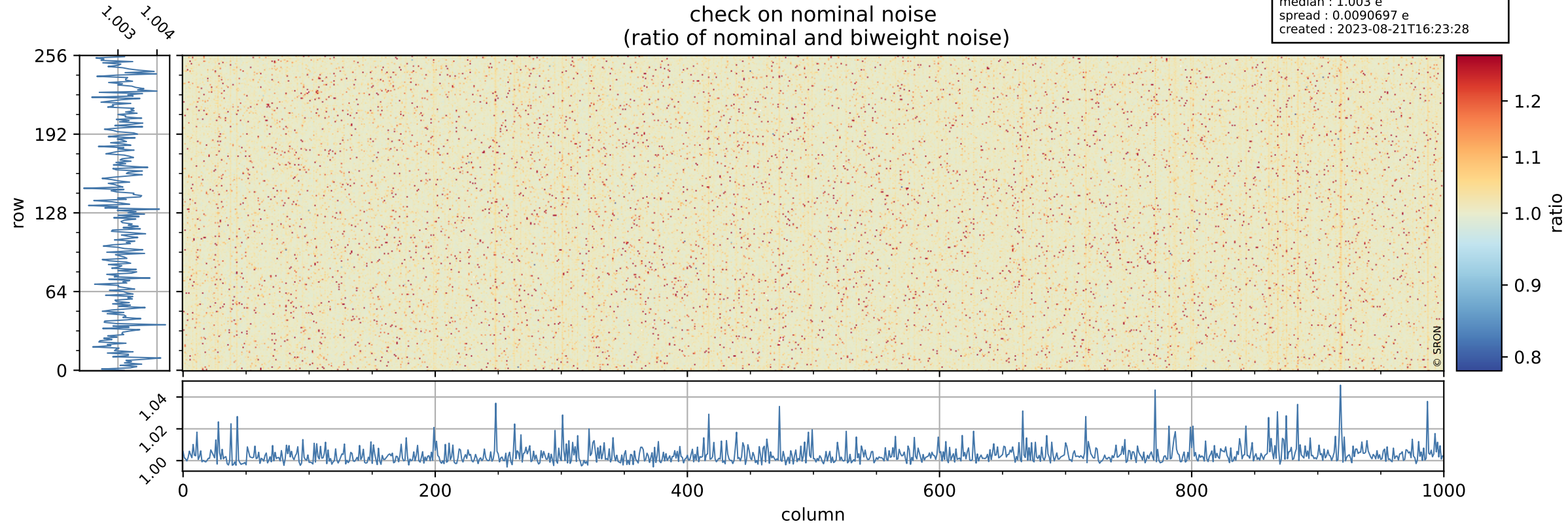
orbits : 12 in [22282, 22372]
coverage : 2022-01-31 / 2022-02-06
median : 0.99765 e
spread : 0.0055132 e
created : 2023-08-21T16:23:27



Tropomi SWIR background noise (swir)

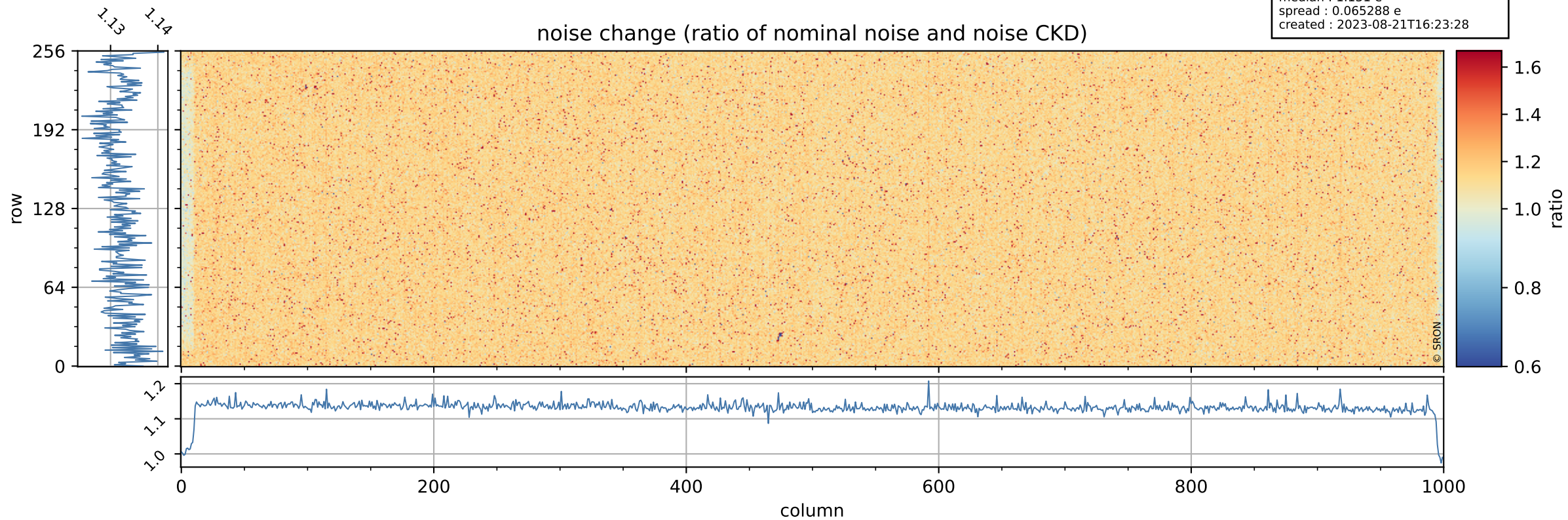
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22282, 22372]
coverage : 2022-01-31 / 2022-02-06
median : 1.003 e
spread : 0.0090697 e
created : 2023-08-21T16:23:28



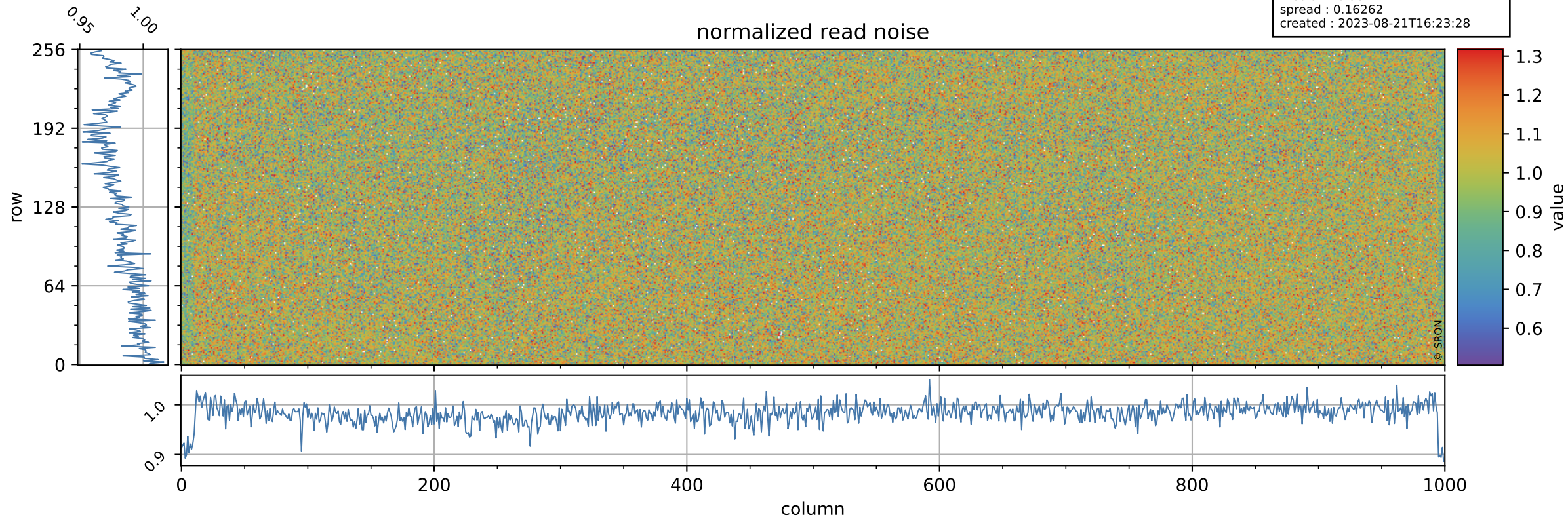
Tropomi SWIR background noise (swir)

orbits : 12 in [22282, 22372]
coverage : 2022-01-31 / 2022-02-06
median : 1.131 e
spread : 0.065288 e
created : 2023-08-21T16:23:28



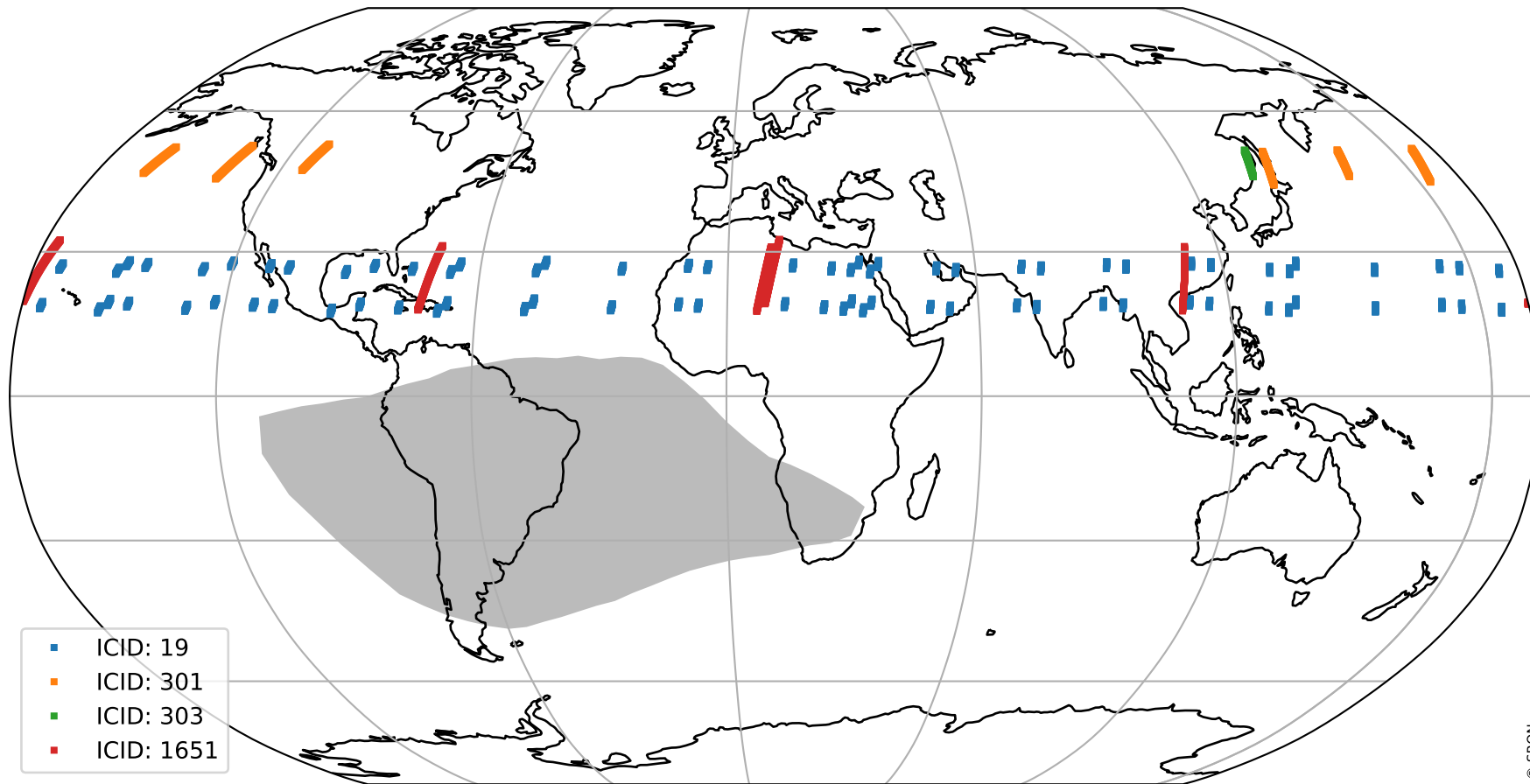
Tropomi SWIR background noise (swir)

orbits : 12 in [22282, 22372]
coverage : 2022-01-31 / 2022-02-06
median : 0.98171
spread : 0.16262
created : 2023-08-21T16:23:28



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

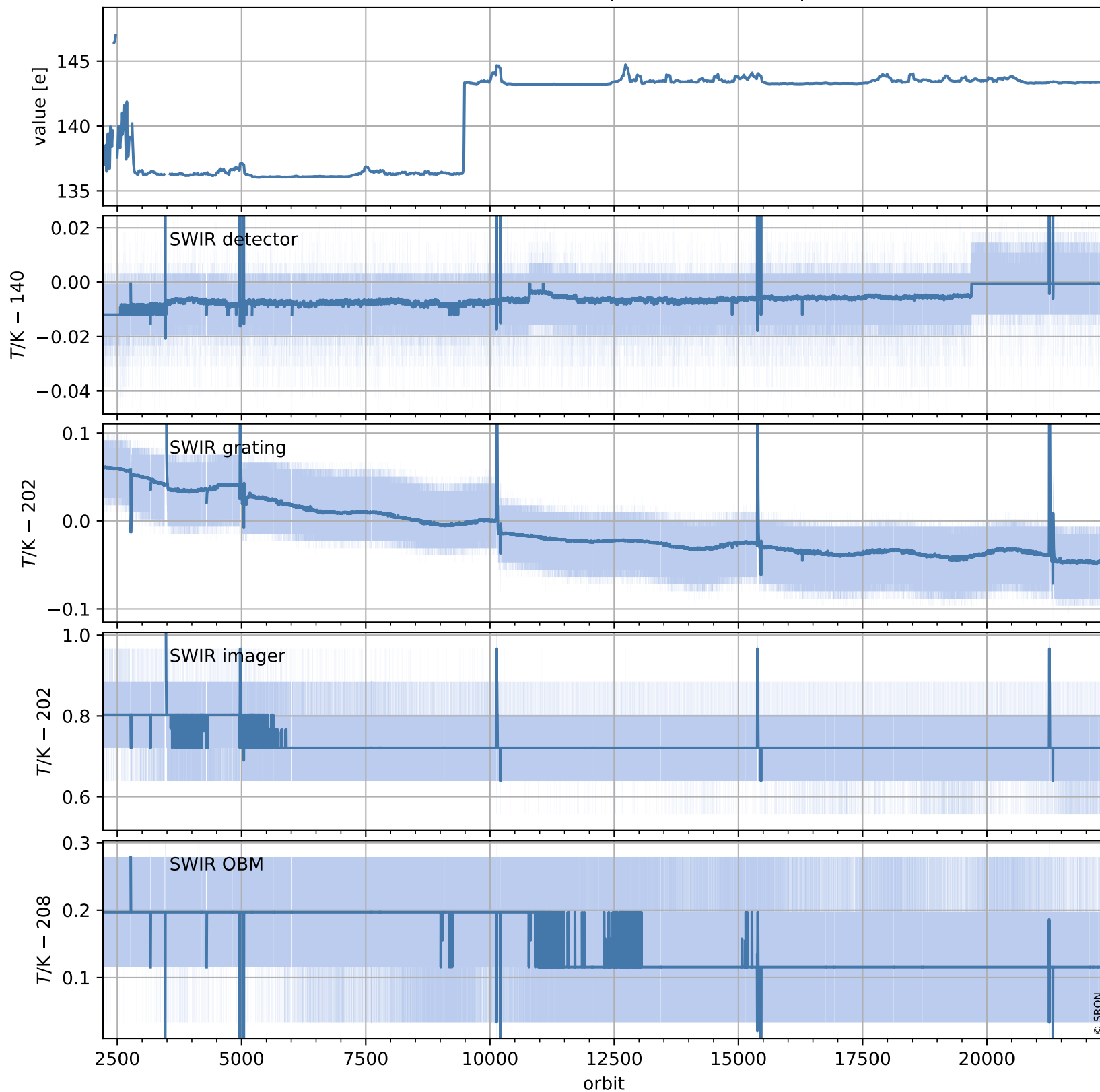
orbits : 12 in [22282, 22372]
coverage : 2022-01-31 / 2022-02-06
created : 2023-08-21T16:23:29



Tropomi SWIR background noise (swir)

orbits : [2212, 22372]
coverage : 2018-03-18 / 2022-02-06
created : 2023-08-21T16:23:29

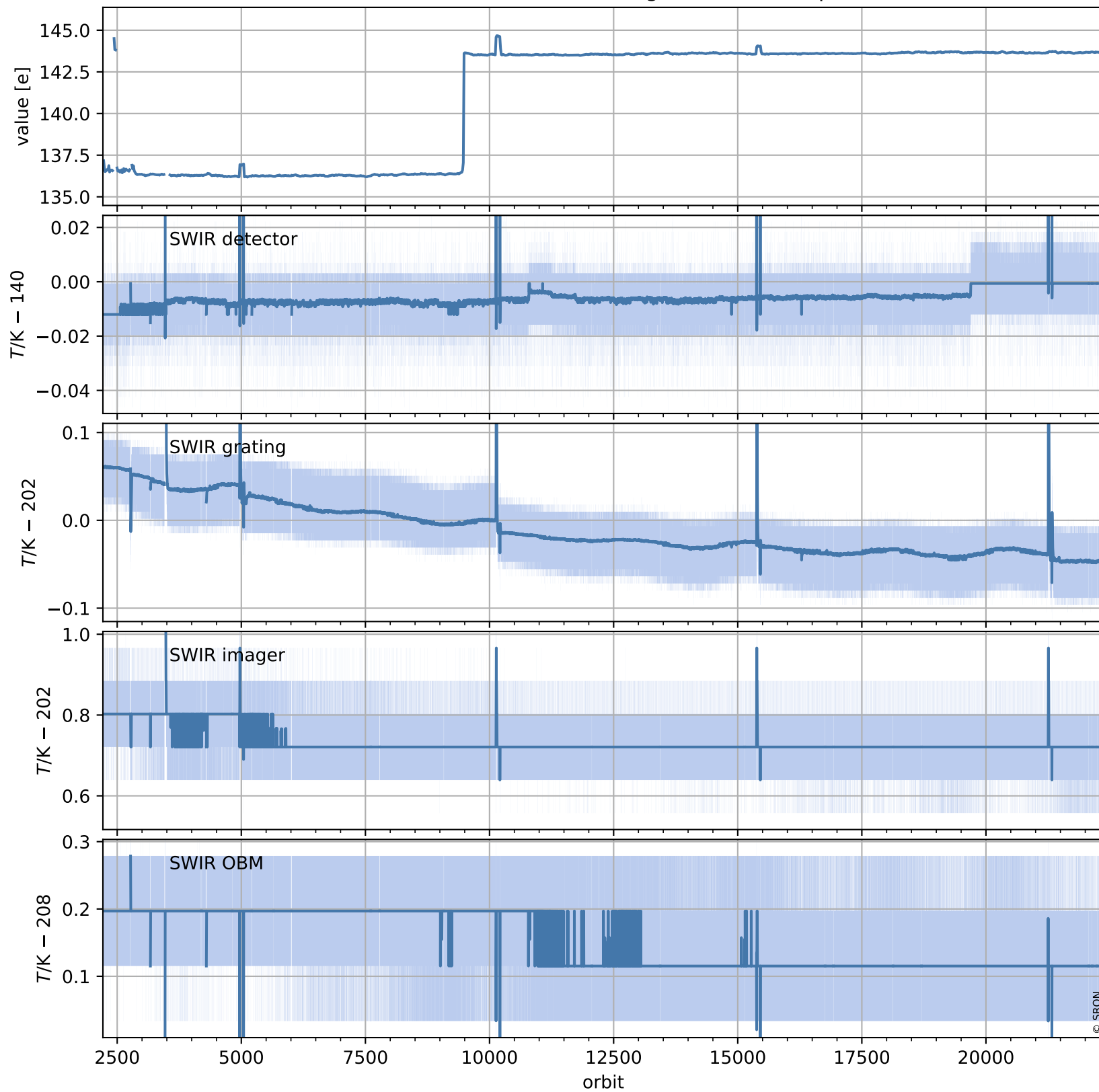
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22372]
coverage : 2018-03-18 / 2022-02-06
created : 2023-08-21T16:23:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22372]
coverage : 2018-03-18 / 2022-02-06
created : 2023-08-21T16:23:31

trend of normalized read-noise & temperatures

