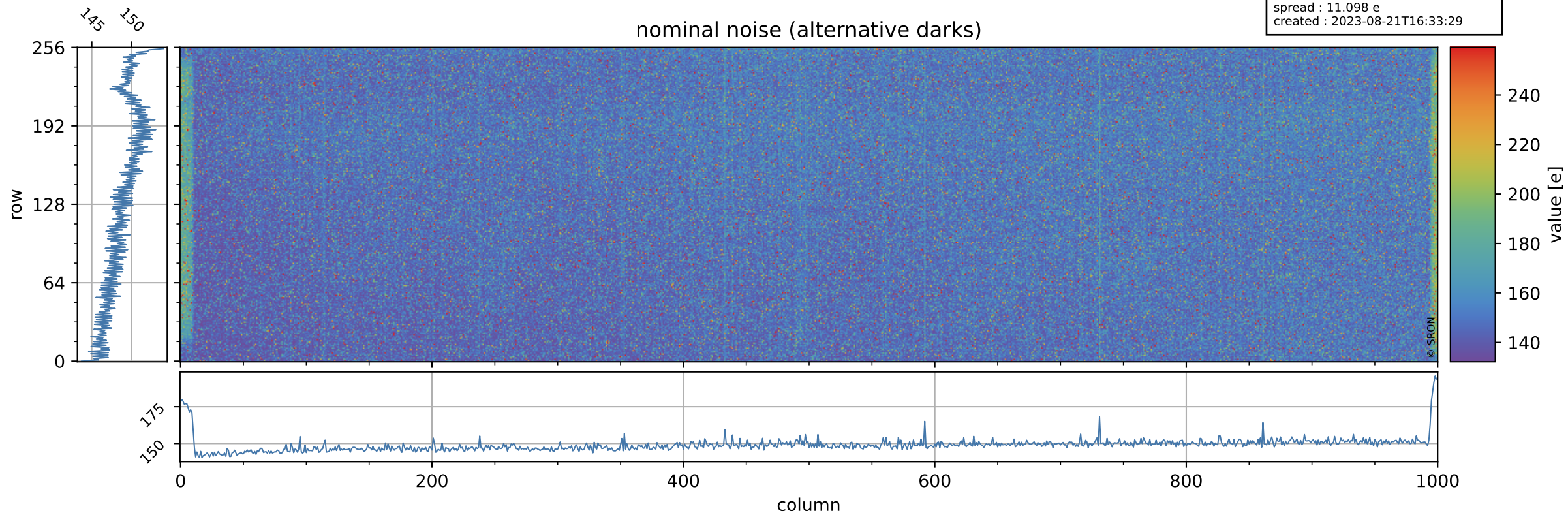


Tropomi SWIR background noise (swir)

orbits : 12 in [23842, 23932]
coverage : 2022-05-21 / 2022-05-26
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 11.098 e
created : 2023-08-21T16:33:29

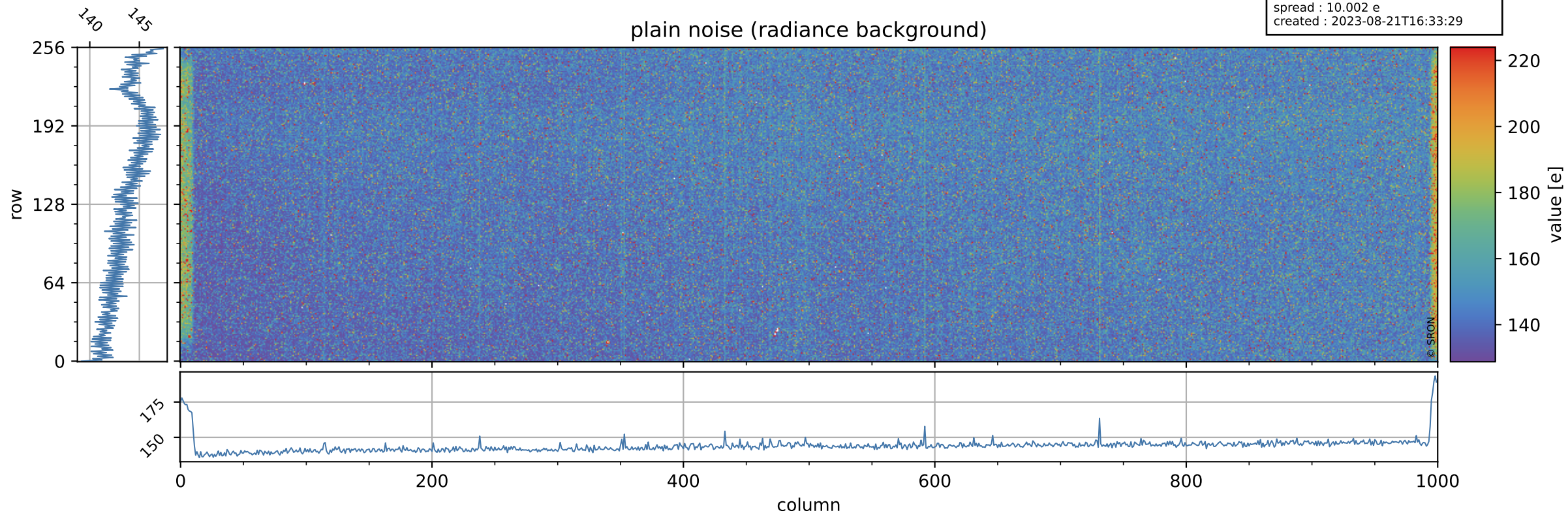
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23842, 23932]
coverage : 2022-05-21 / 2022-05-26
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 10.002 e
created : 2023-08-21T16:33:29

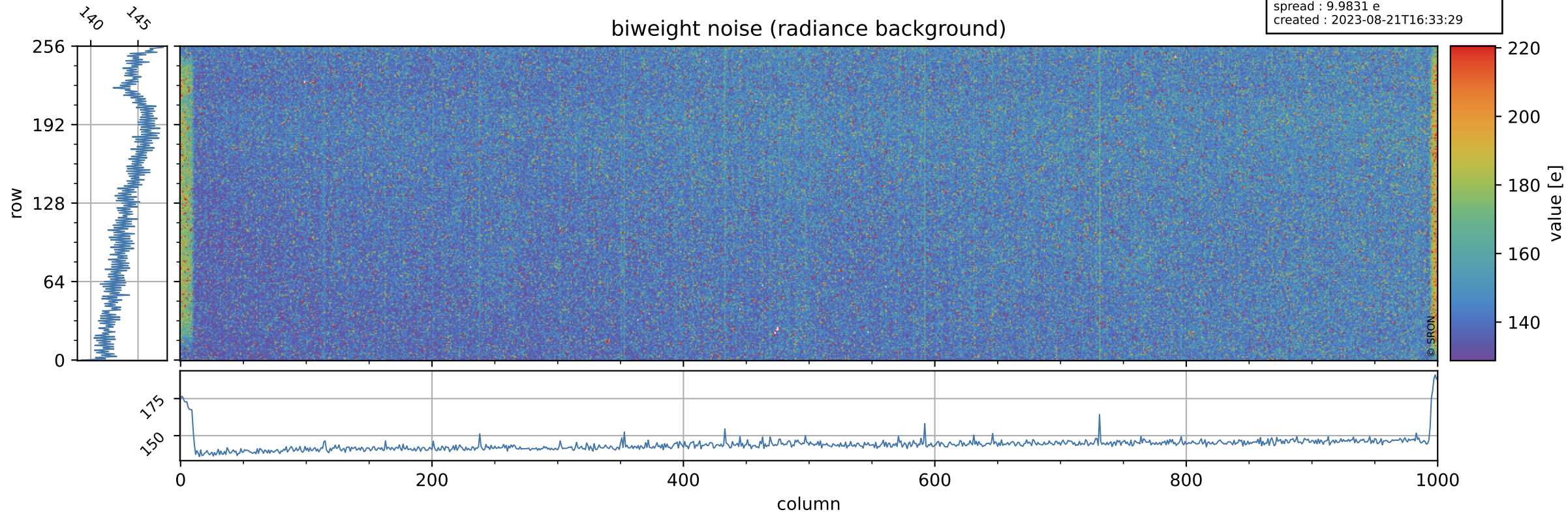
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23842, 23932]
coverage : 2022-05-21 / 2022-05-26
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.9831 e
created : 2023-08-21T16:33:29

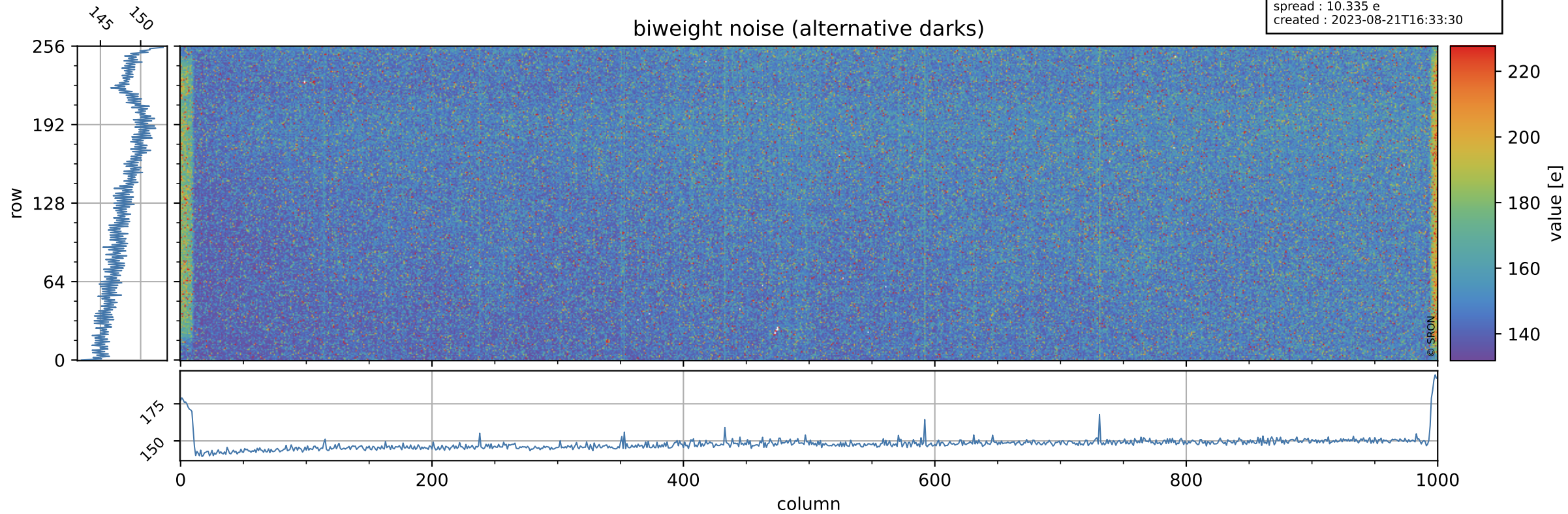
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23842, 23932]
coverage : 2022-05-21 / 2022-05-26
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.335 e
created : 2023-08-21T16:33:30

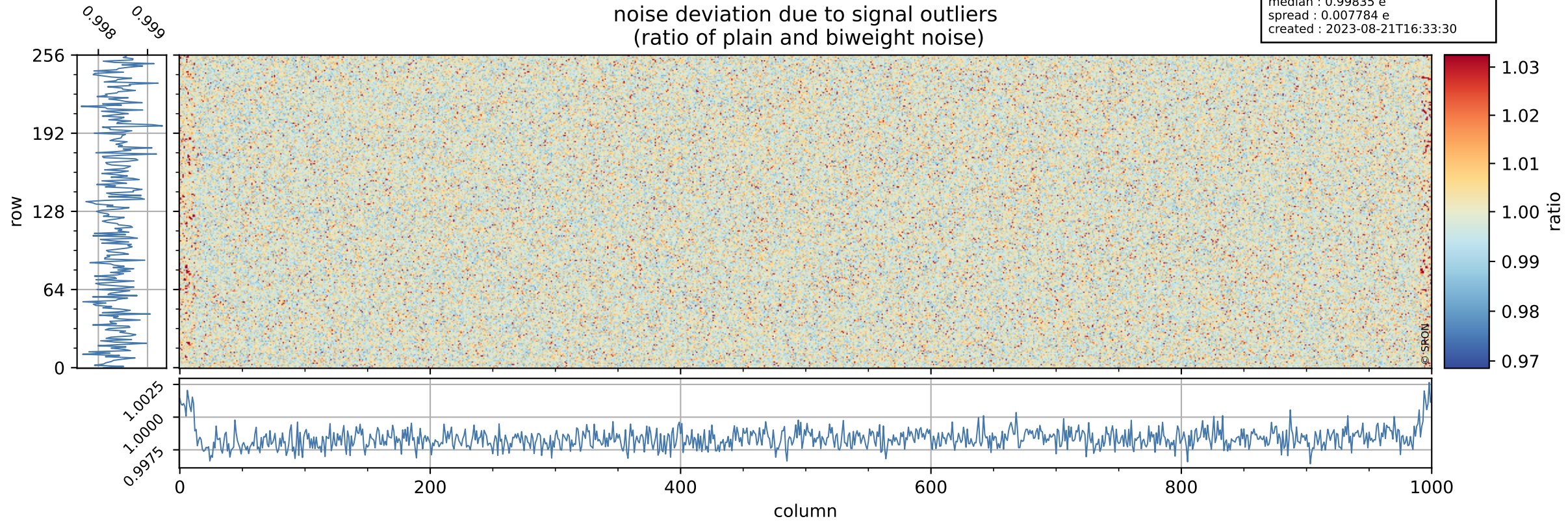
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

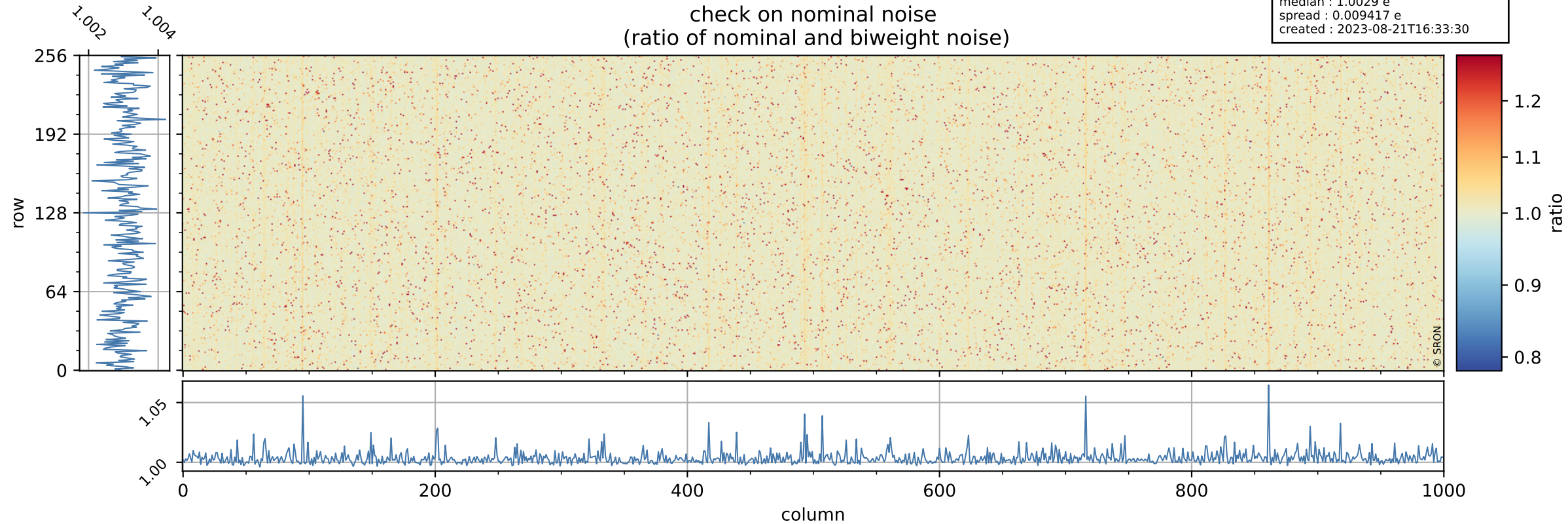
orbits : 12 in [23842, 23932]
coverage : 2022-05-21 / 2022-05-26
median : 0.99835 e
spread : 0.007784 e
created : 2023-08-21T16:33:30



Tropomi SWIR background noise (swir)

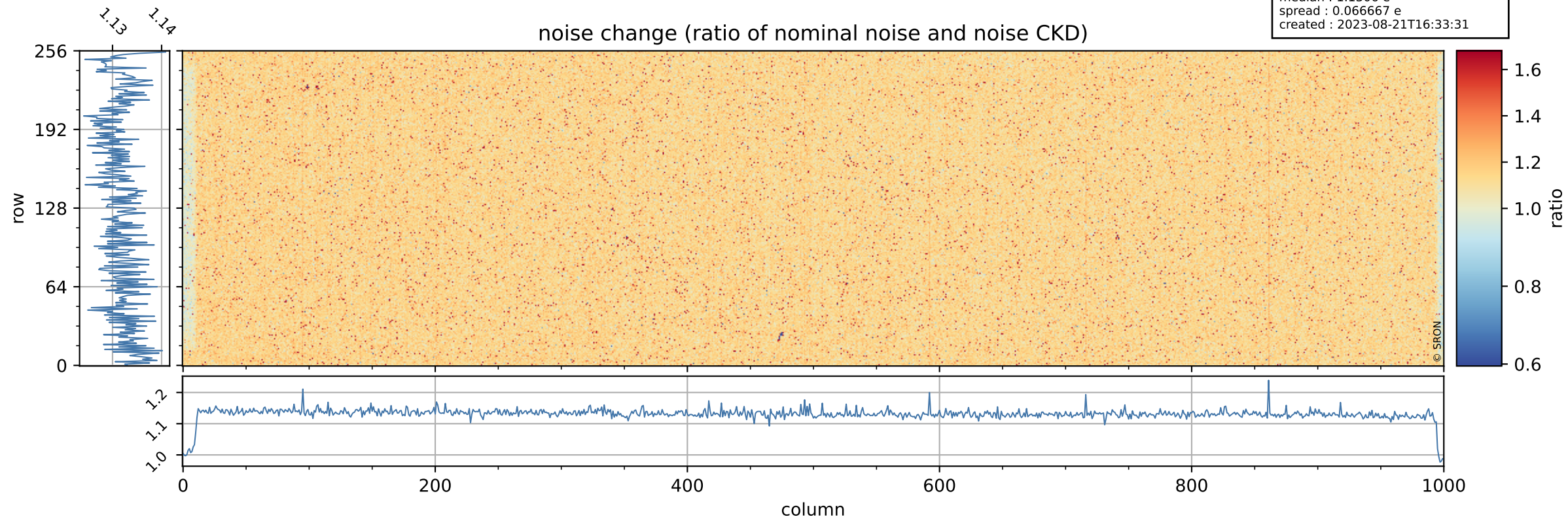
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23842, 23932]
coverage : 2022-05-21 / 2022-05-26
median : 1.0029 e
spread : 0.009417 e
created : 2023-08-21T16:33:30



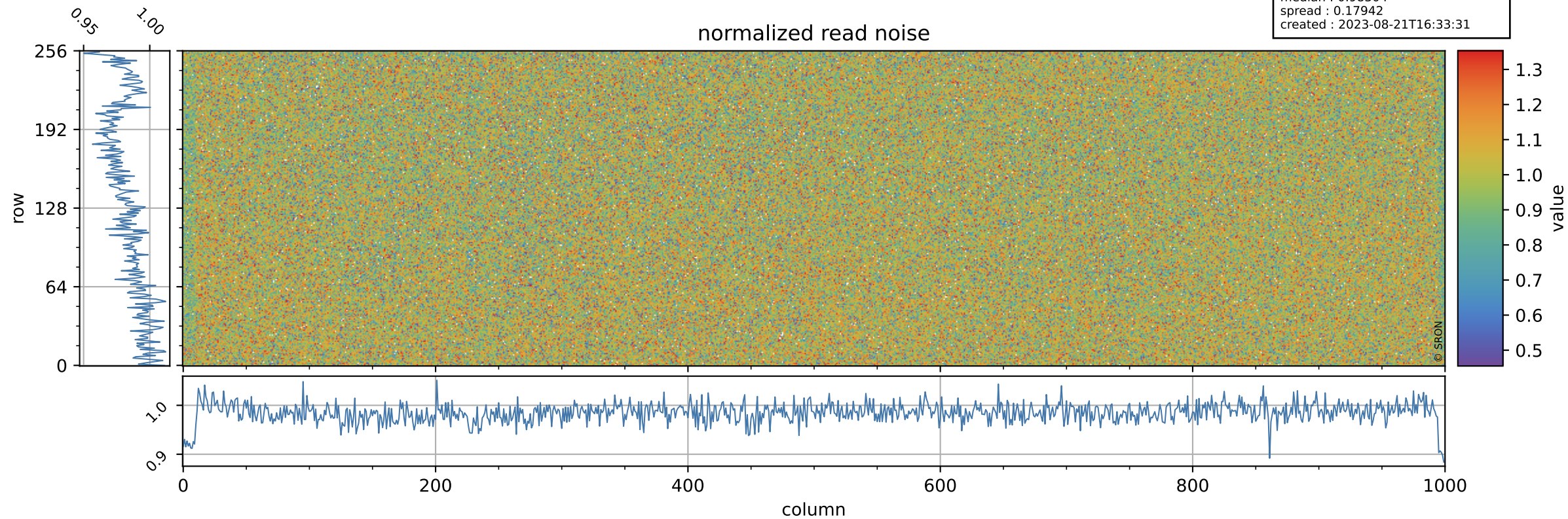
Tropomi SWIR background noise (swir)

orbits : 12 in [23842, 23932]
coverage : 2022-05-21 / 2022-05-26
median : 1.1306 e
spread : 0.066667 e
created : 2023-08-21T16:33:31



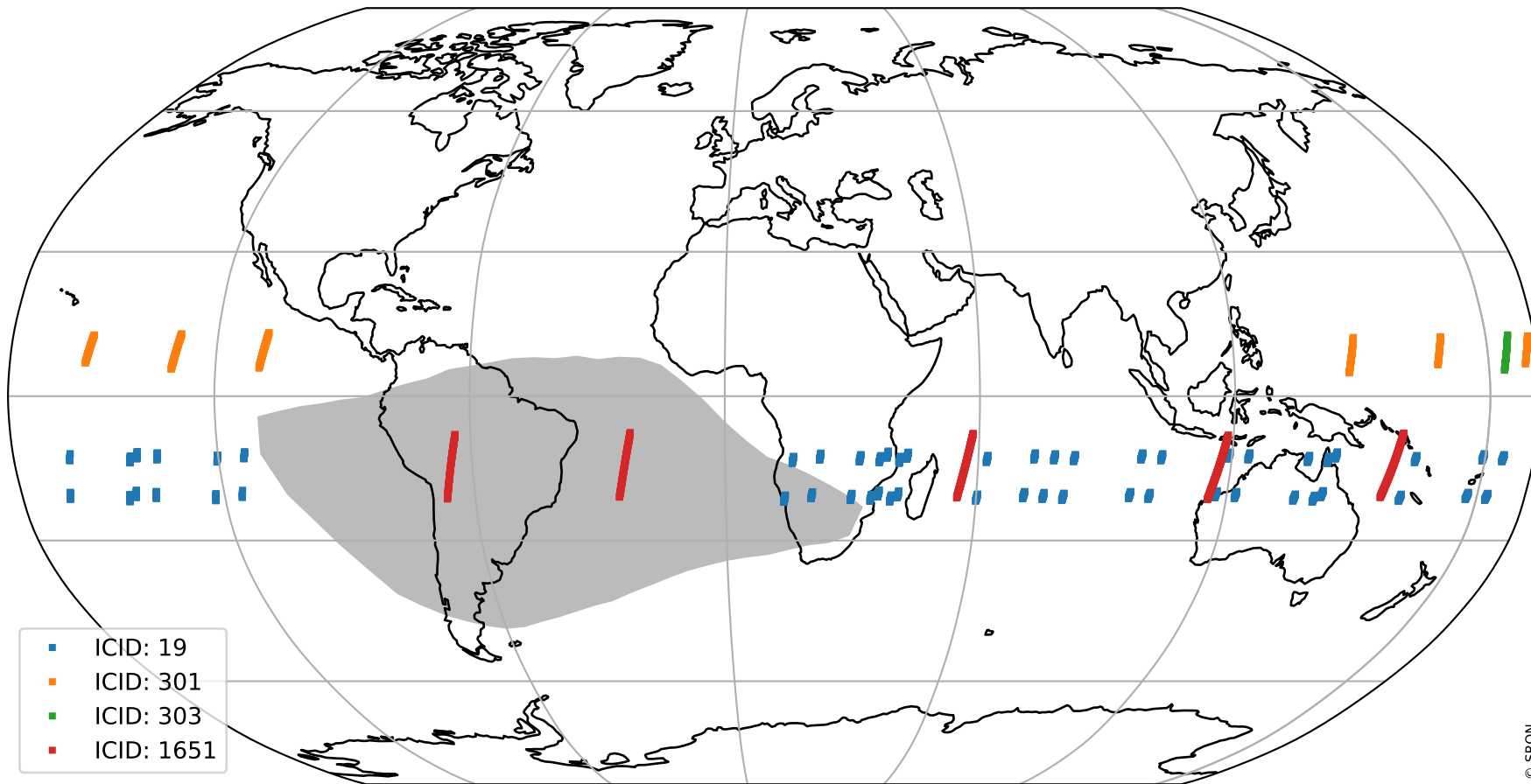
Tropomi SWIR background noise (swir)

orbits : 12 in [23842, 23932]
coverage : 2022-05-21 / 2022-05-26
median : 0.98304
spread : 0.17942
created : 2023-08-21T16:33:31



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

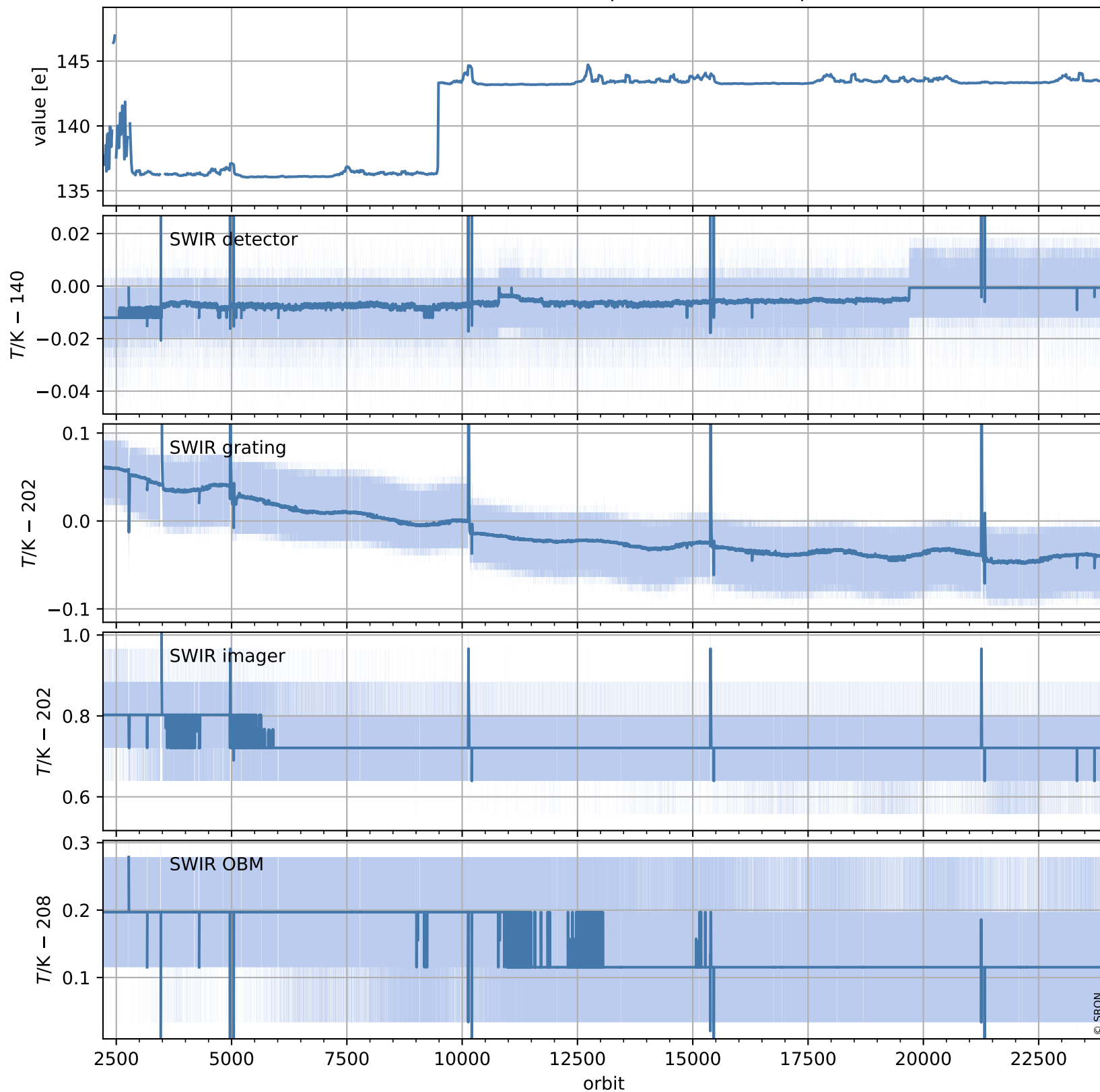
orbits : 12 in [23842, 23932]
coverage : 2022-05-21 / 2022-05-26
created : 2023-08-21T16:33:31



Tropomi SWIR background noise (swir)

orbits : [2212, 23932]
coverage : 2018-03-18 / 2022-05-26
created : 2023-08-21T16:33:31

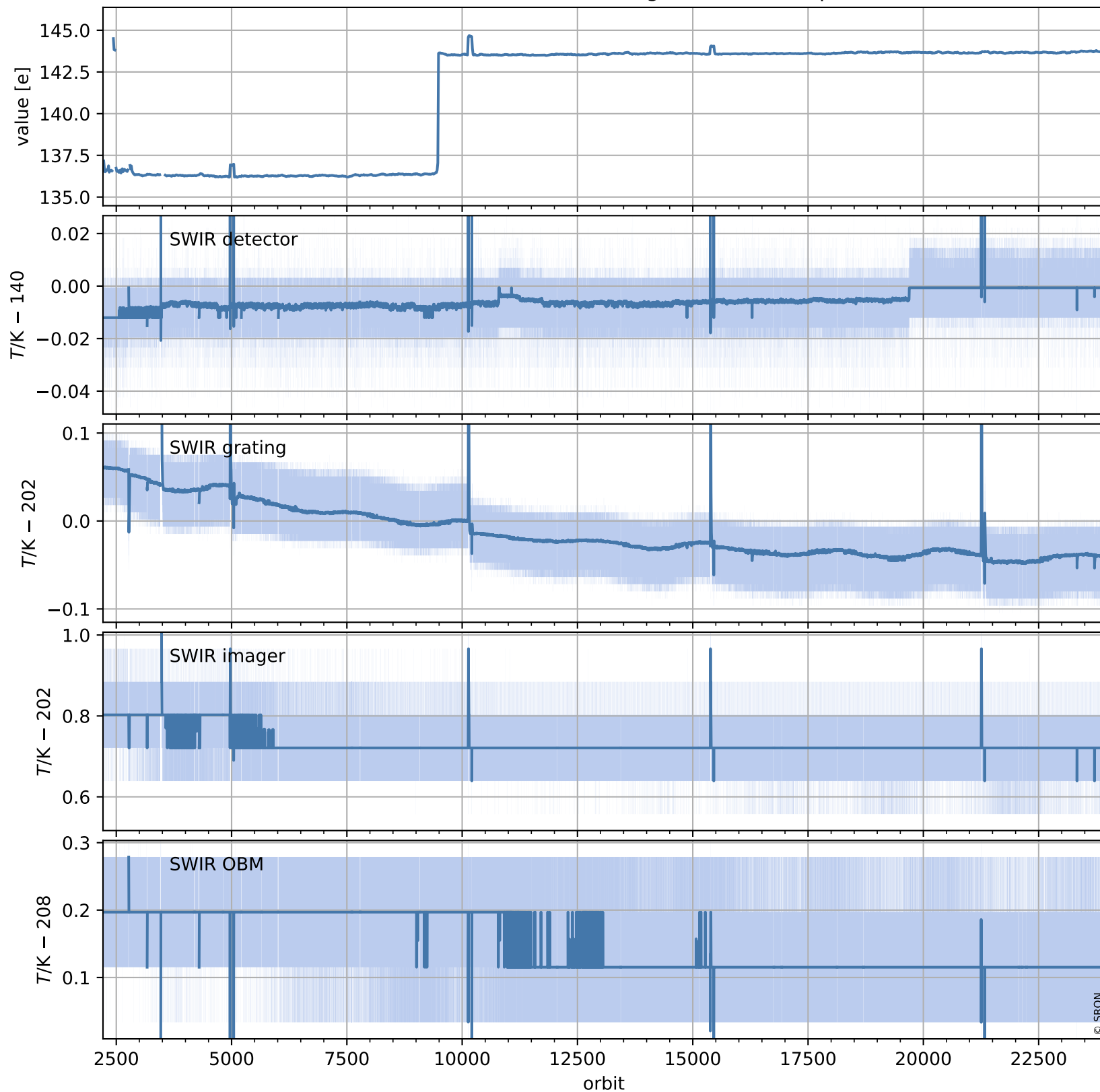
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23932]
coverage : 2018-03-18 / 2022-05-26
created : 2023-08-21T16:33:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23932]
coverage : 2018-03-18 / 2022-05-26
created : 2023-08-21T16:33:33

trend of normalized read-noise & temperatures

