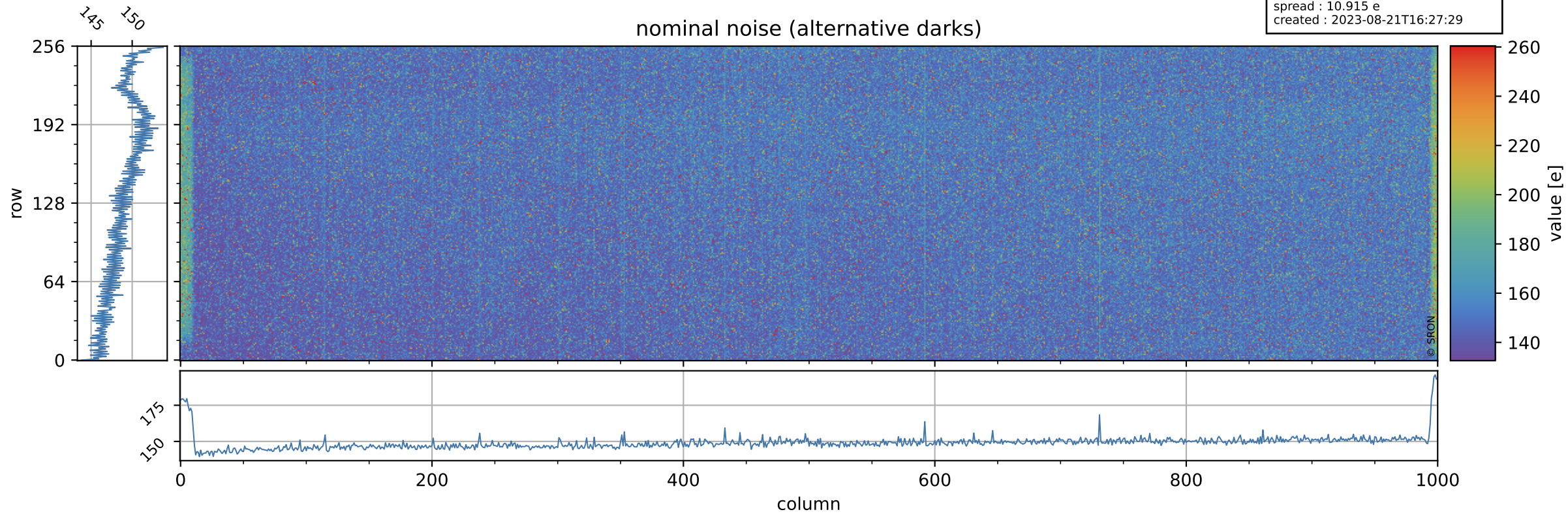


Tropomi SWIR background noise (swir)

orbits : 13 in [22912, 23002]
coverage : 2022-03-16 / 2022-03-22
n_coad, t_exp : 1, 1.0783
median : 148.82 e
spread : 10.915 e
created : 2023-08-21T16:27:29

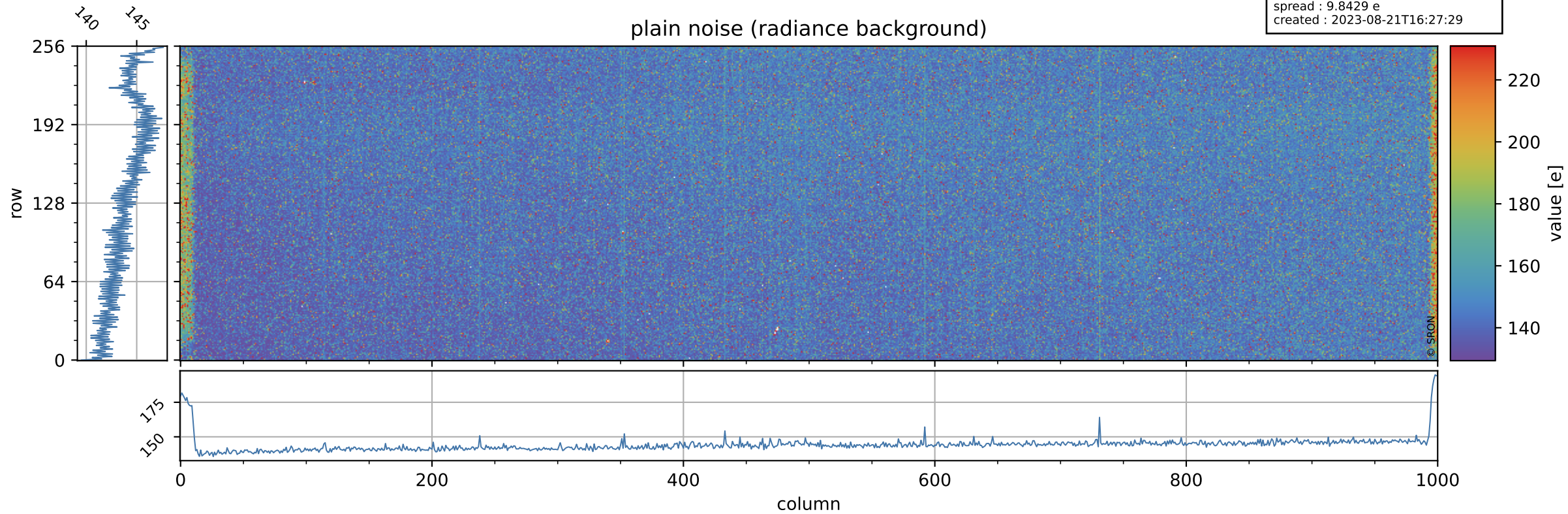
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [22912, 23002]
coverage : 2022-03-16 / 2022-03-22
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.8429 e
created : 2023-08-21T16:27:29

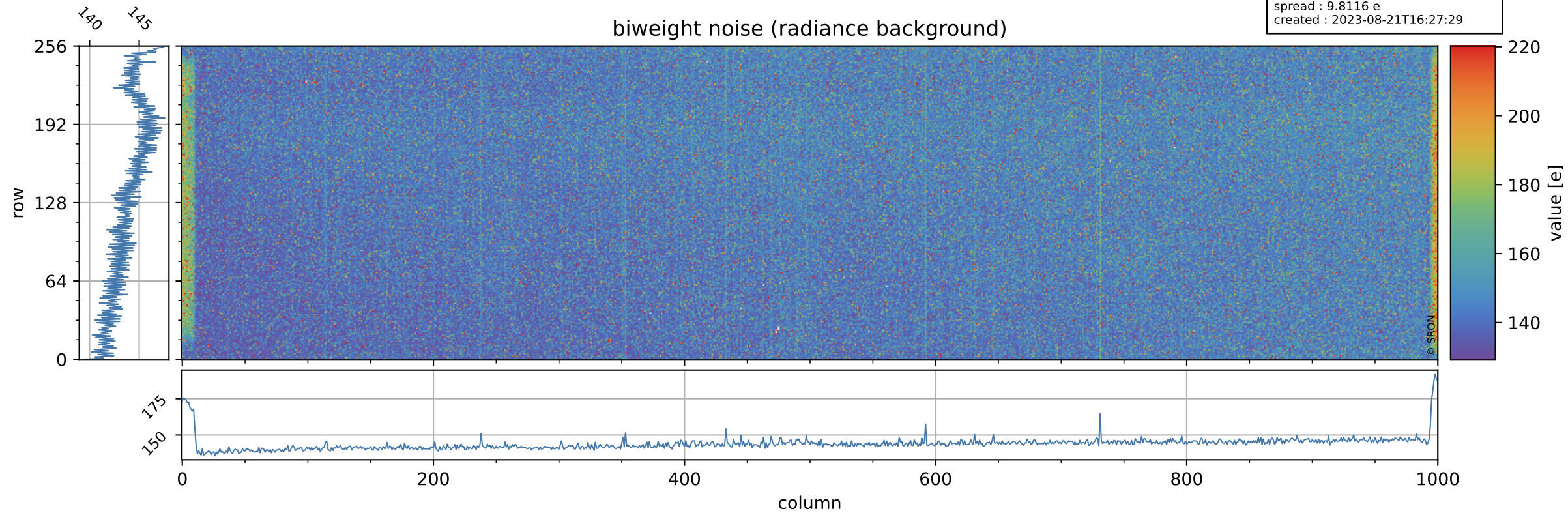
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22912, 23002]
coverage : 2022-03-16 / 2022-03-22
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.8116 e
created : 2023-08-21T16:27:29

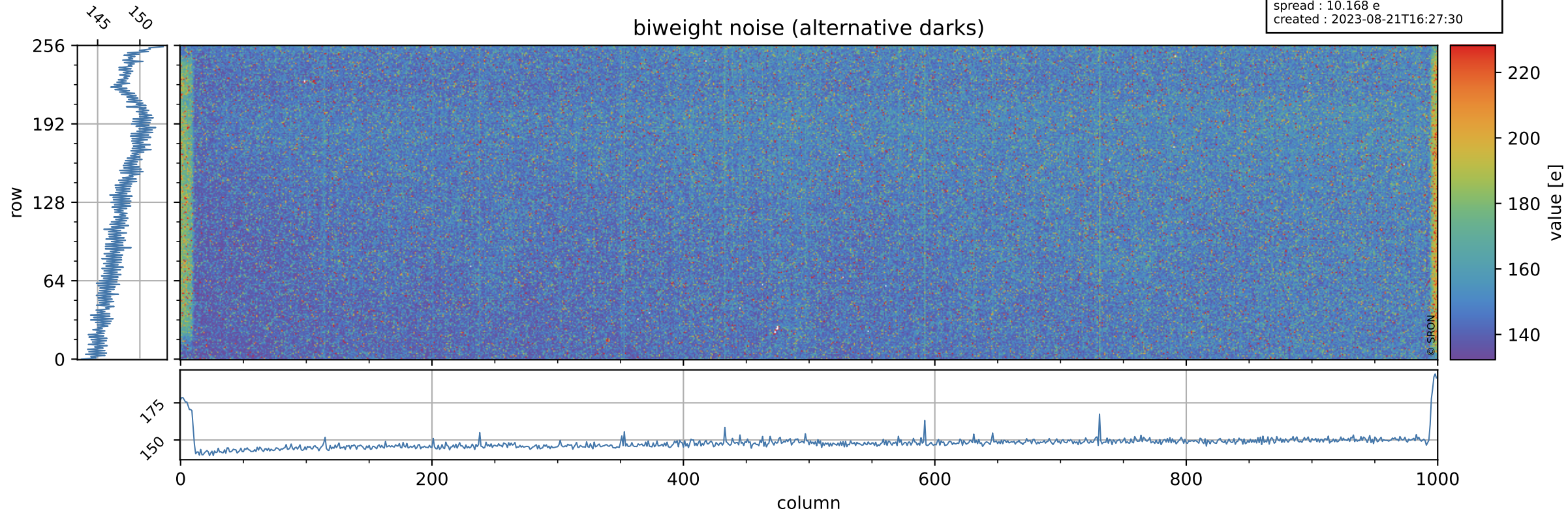
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22912, 23002]
coverage : 2022-03-16 / 2022-03-22
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.168 e
created : 2023-08-21T16:27:30

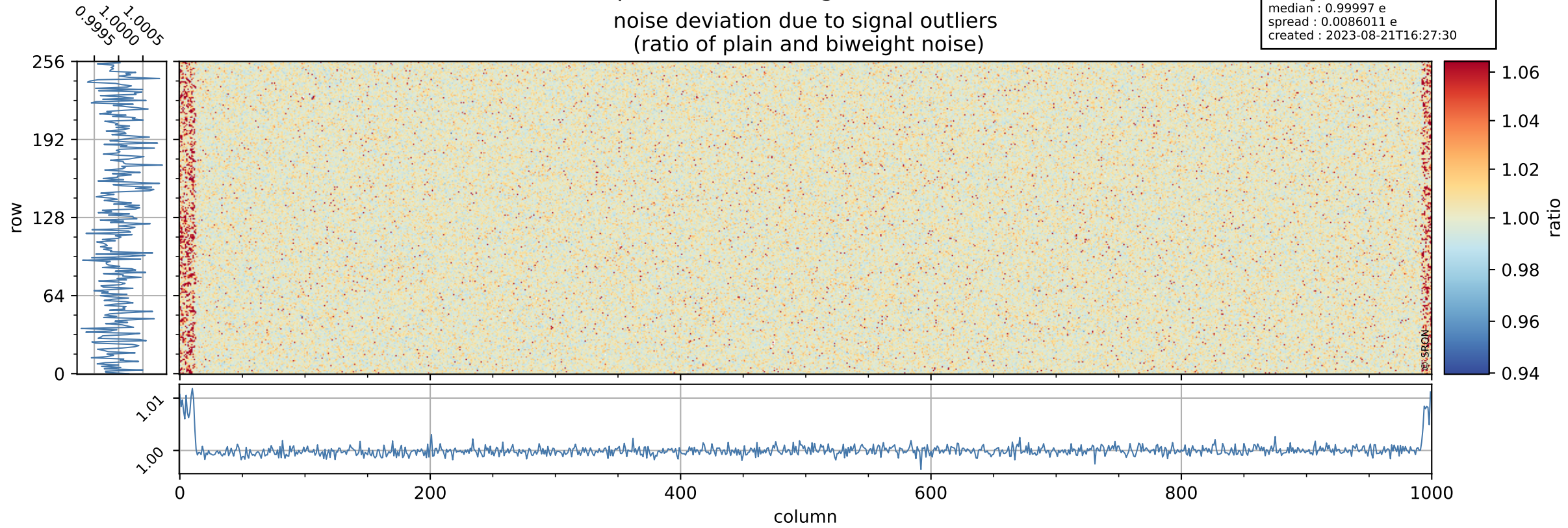
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

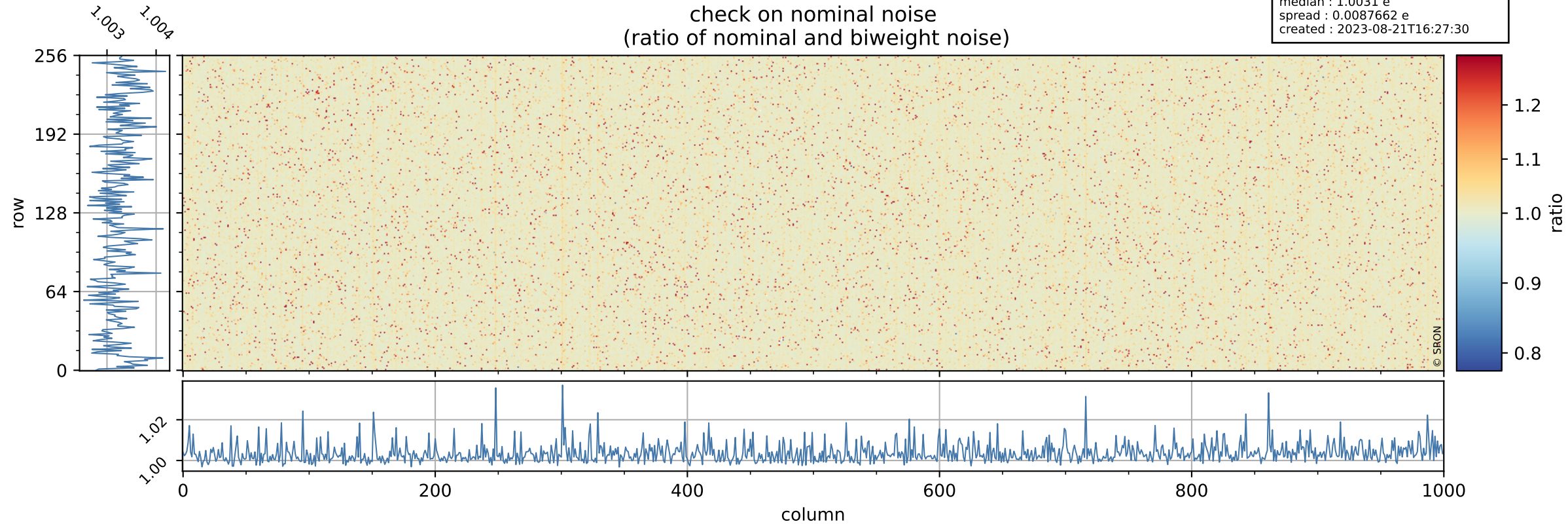
orbits : 13 in [22912, 23002]
coverage : 2022-03-16 / 2022-03-22
median : 0.99997 e
spread : 0.0086011 e
created : 2023-08-21T16:27:30



Tropomi SWIR background noise (swir)

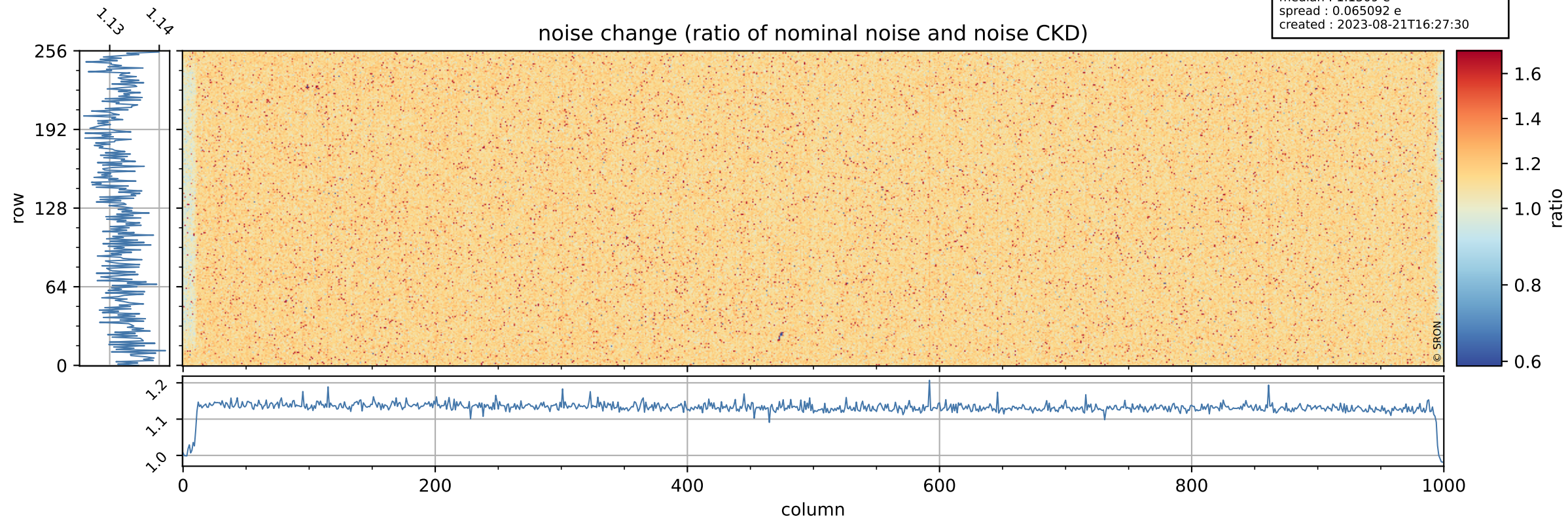
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [22912, 23002]
coverage : 2022-03-16 / 2022-03-22
median : 1.0031 e
spread : 0.0087662 e
created : 2023-08-21T16:27:30



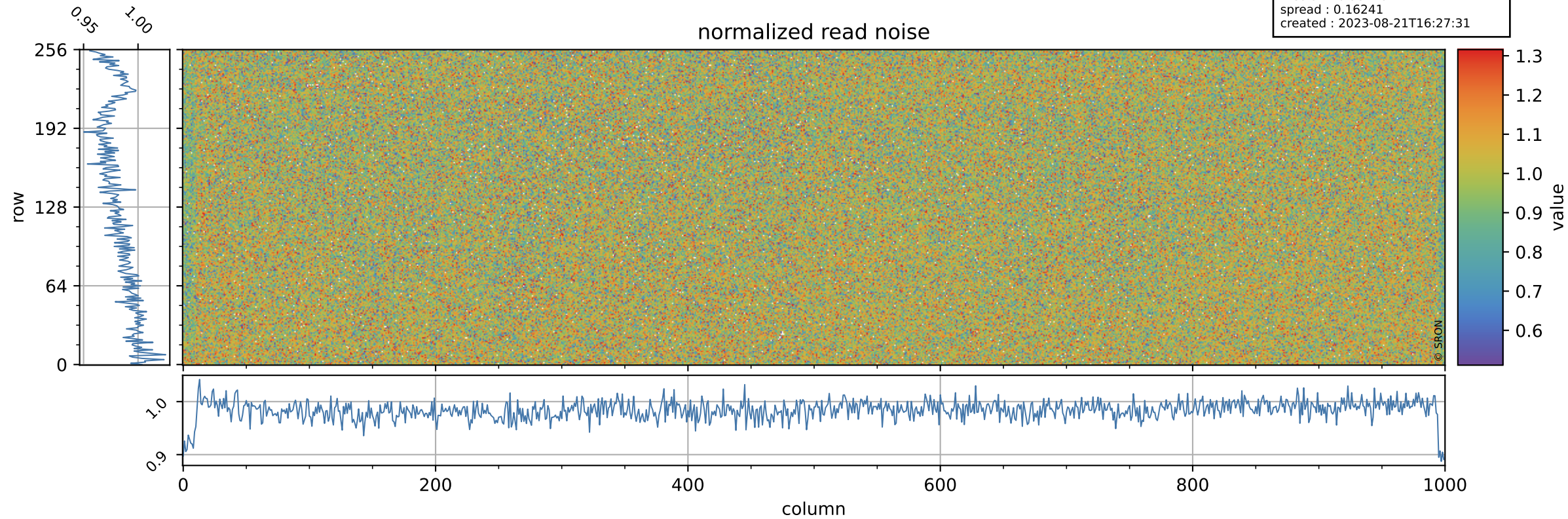
Tropomi SWIR background noise (swir)

orbits : 13 in [22912, 23002]
coverage : 2022-03-16 / 2022-03-22
median : 1.1309 e
spread : 0.065092 e
created : 2023-08-21T16:27:30



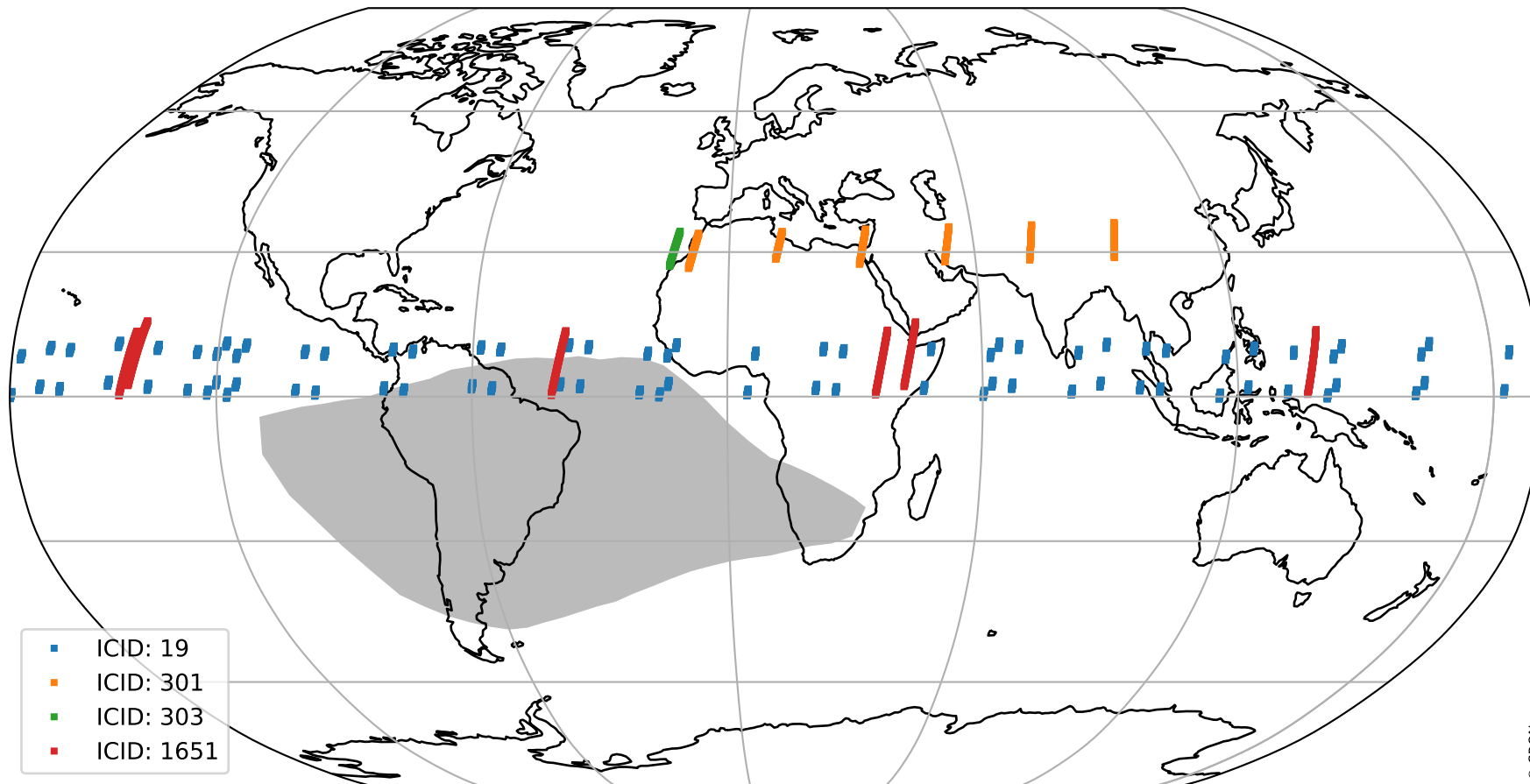
Tropomi SWIR background noise (swir)

orbits : 13 in [22912, 23002]
coverage : 2022-03-16 / 2022-03-22
median : 0.98226
spread : 0.16241
created : 2023-08-21T16:27:31



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

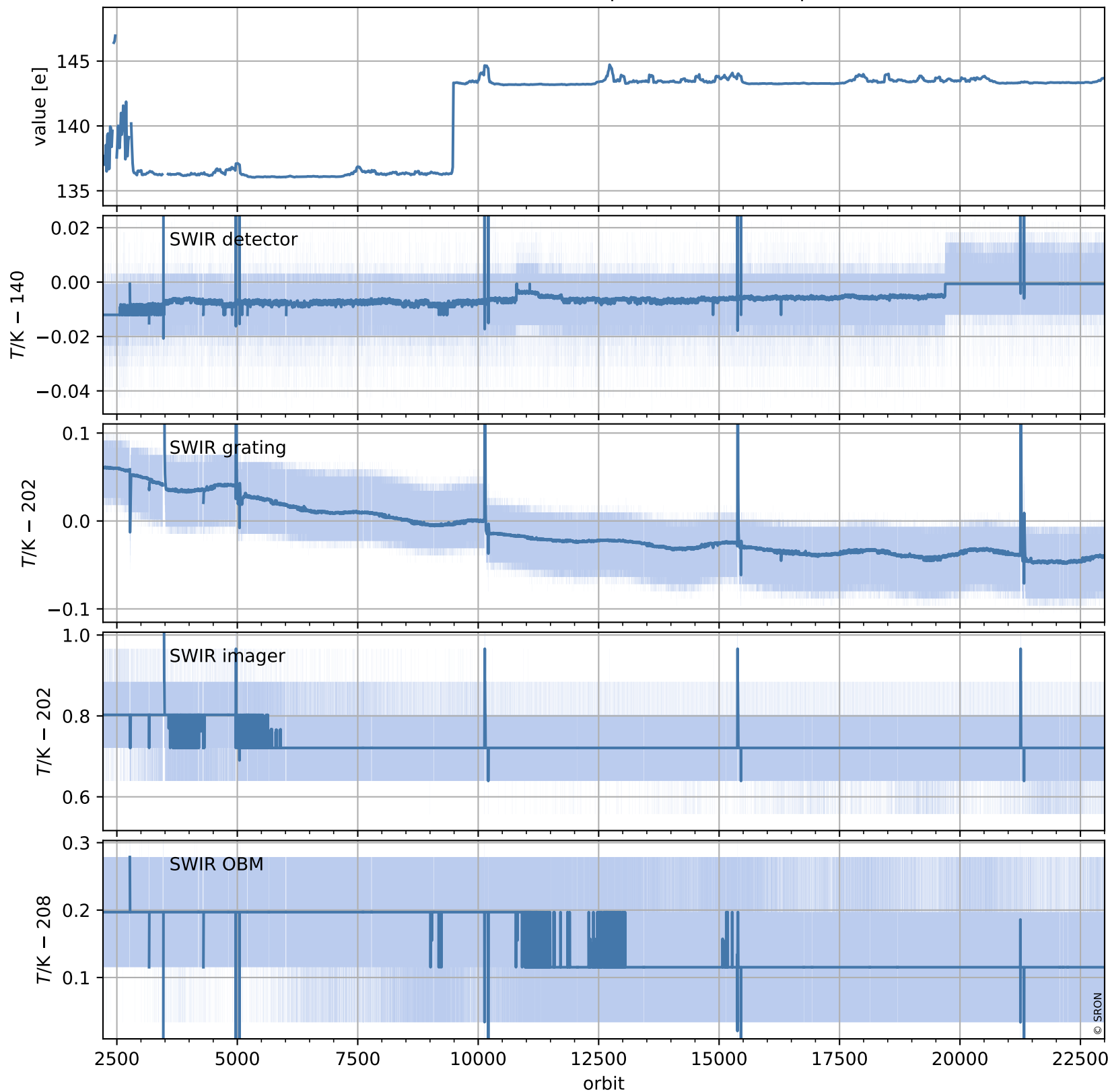
orbits : 13 in [22912, 23002]
coverage : 2022-03-16 / 2022-03-22
created : 2023-08-21T16:27:31



Tropomi SWIR background noise (swir)

orbits : [2212, 23002]
coverage : 2018-03-18 / 2022-03-22
created : 2023-08-21T16:27:31

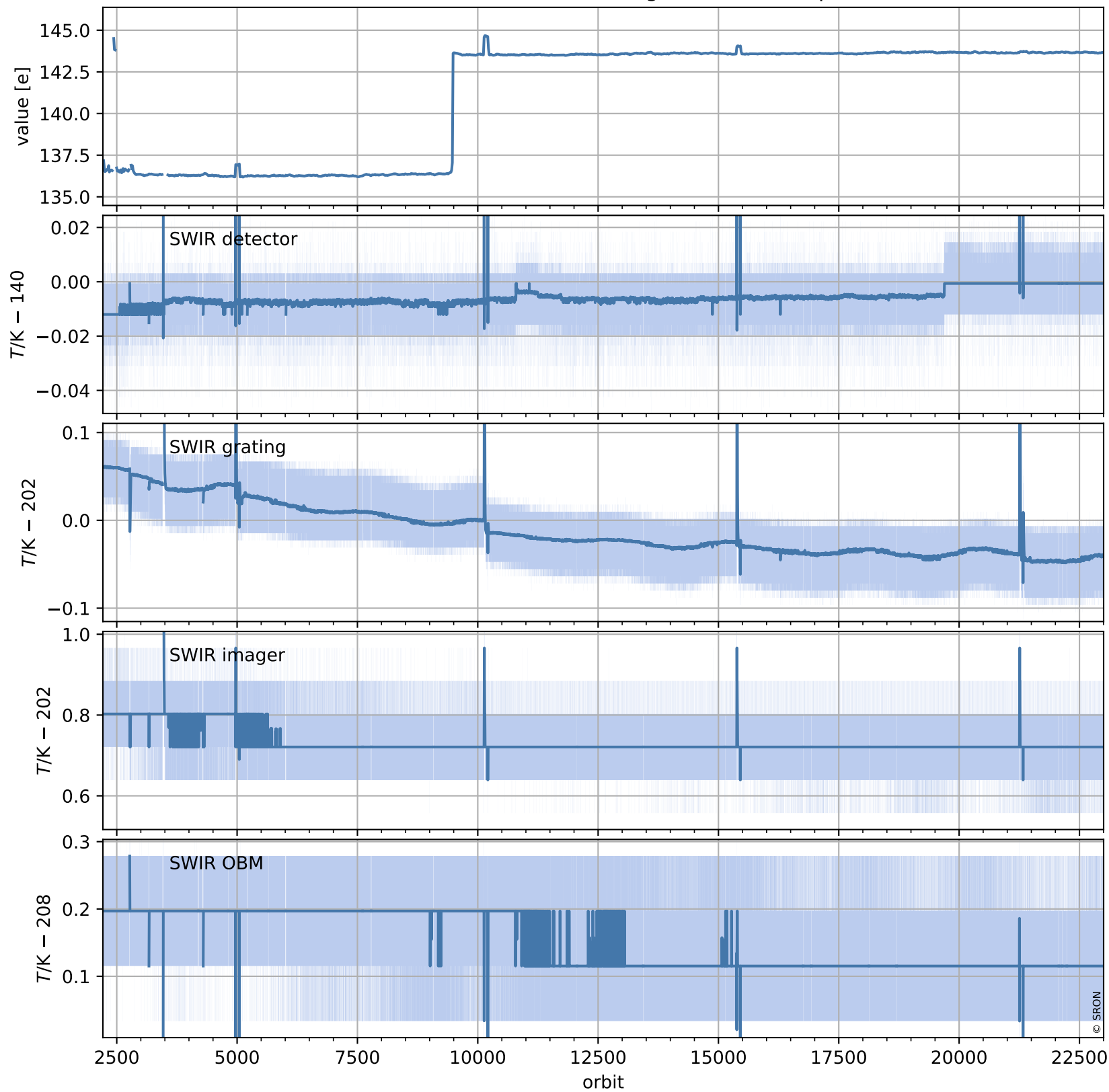
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23002]
coverage : 2018-03-18 / 2022-03-22
created : 2023-08-21T16:27:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23002]
coverage : 2018-03-18 / 2022-03-22
created : 2023-08-21T16:27:33

trend of normalized read-noise & temperatures

