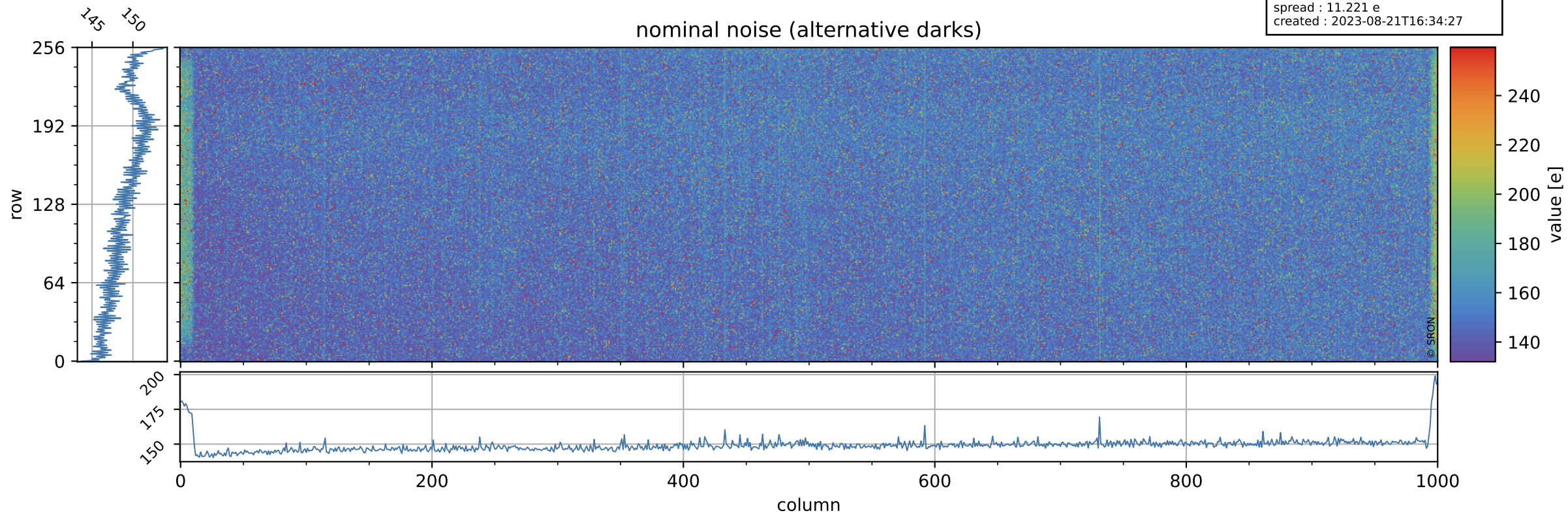


Tropomi SWIR background noise (swir)

orbits : 13 in [23992, 24082]
coverage : 2022-05-31 / 2022-06-06
n_coad, t_exp : 1, 1.0783
median : 148.89 e
spread : 11.221 e
created : 2023-08-21T16:34:27

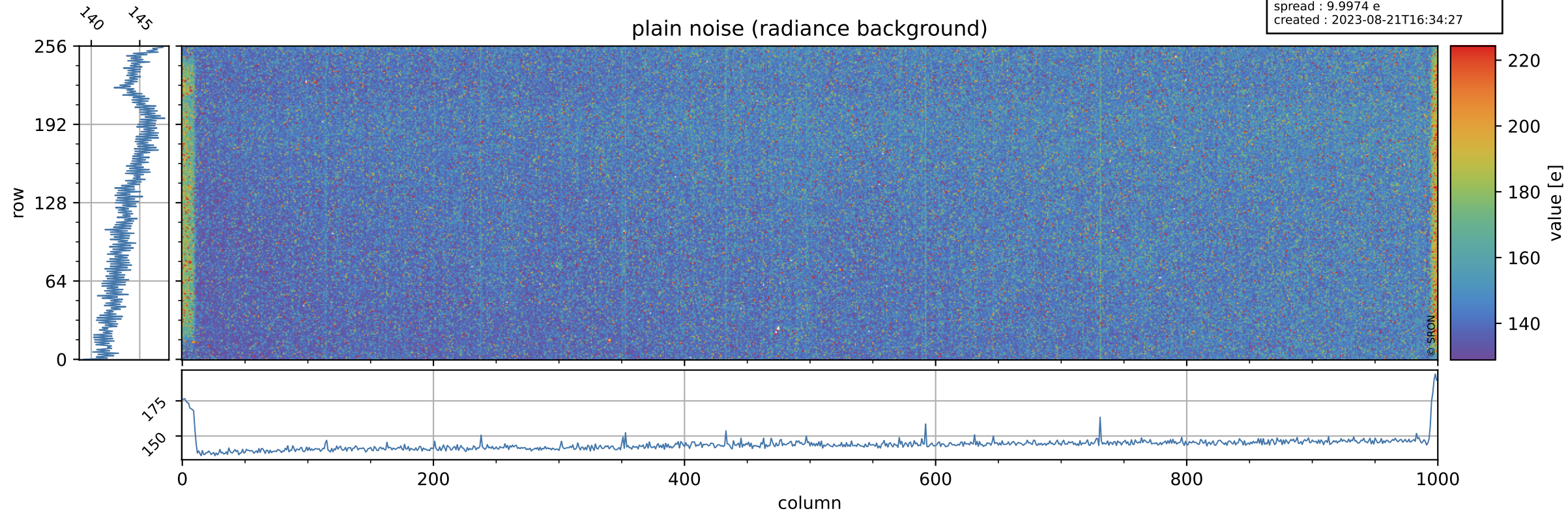
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [23992, 24082]
coverage : 2022-05-31 / 2022-06-06
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.9974 e
created : 2023-08-21T16:34:27

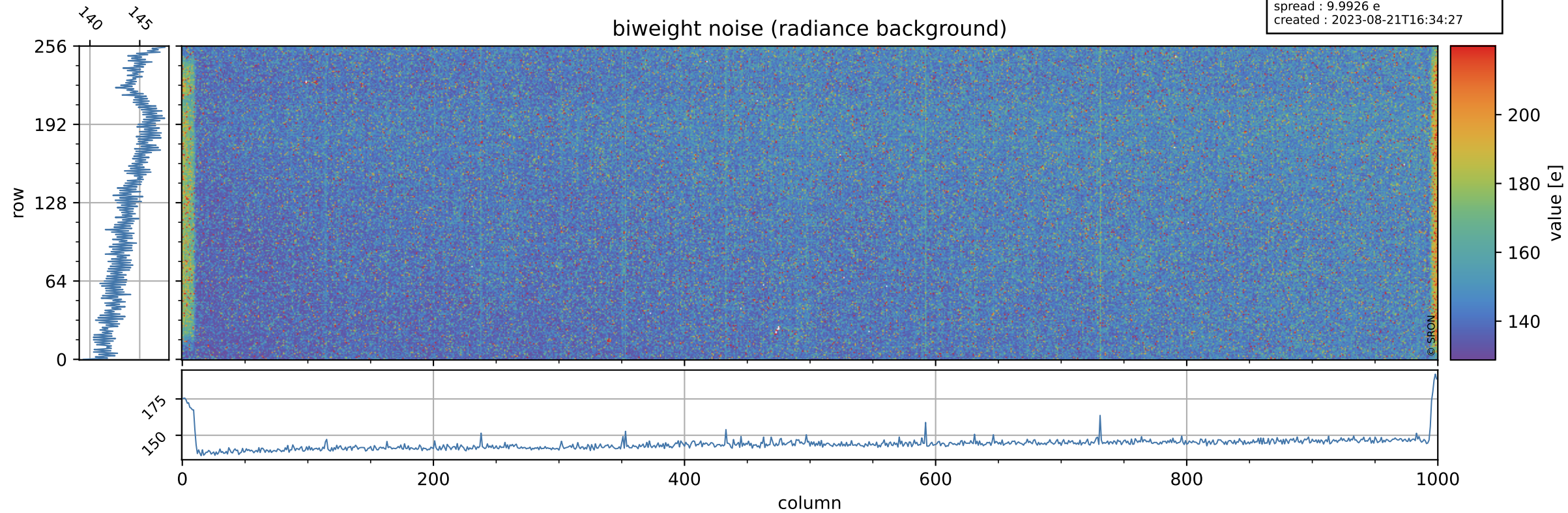
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [23992, 24082]
coverage : 2022-05-31 / 2022-06-06
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.9926 e
created : 2023-08-21T16:34:27

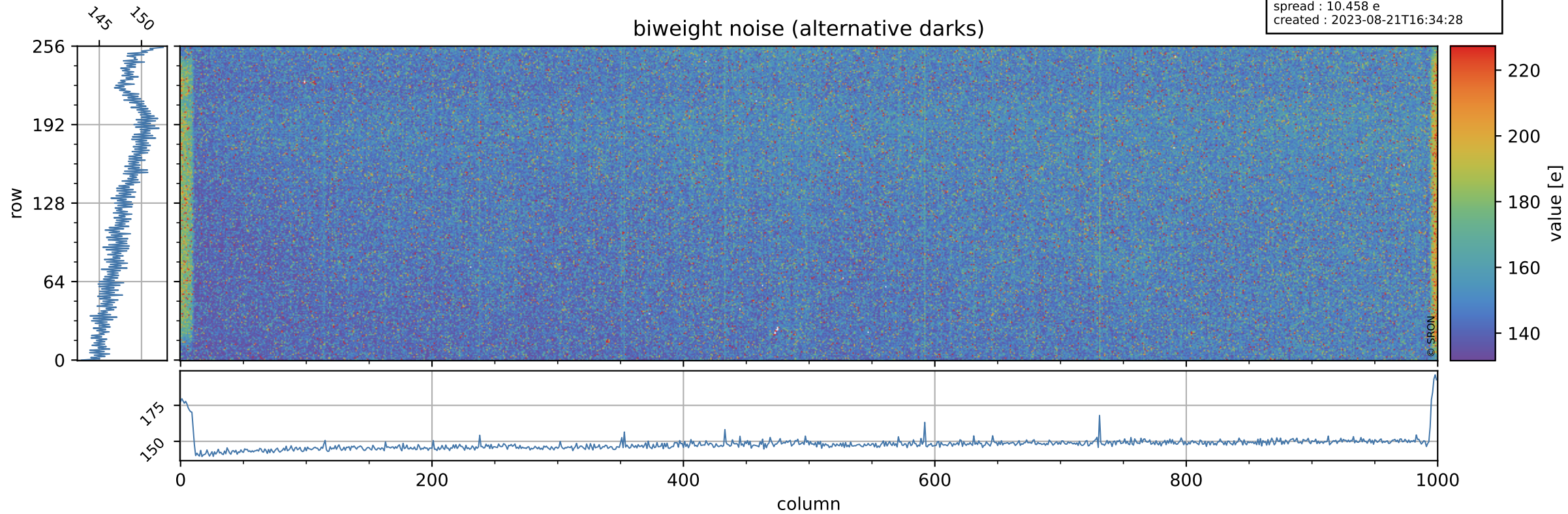
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [23992, 24082]
coverage : 2022-05-31 / 2022-06-06
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.458 e
created : 2023-08-21T16:34:28

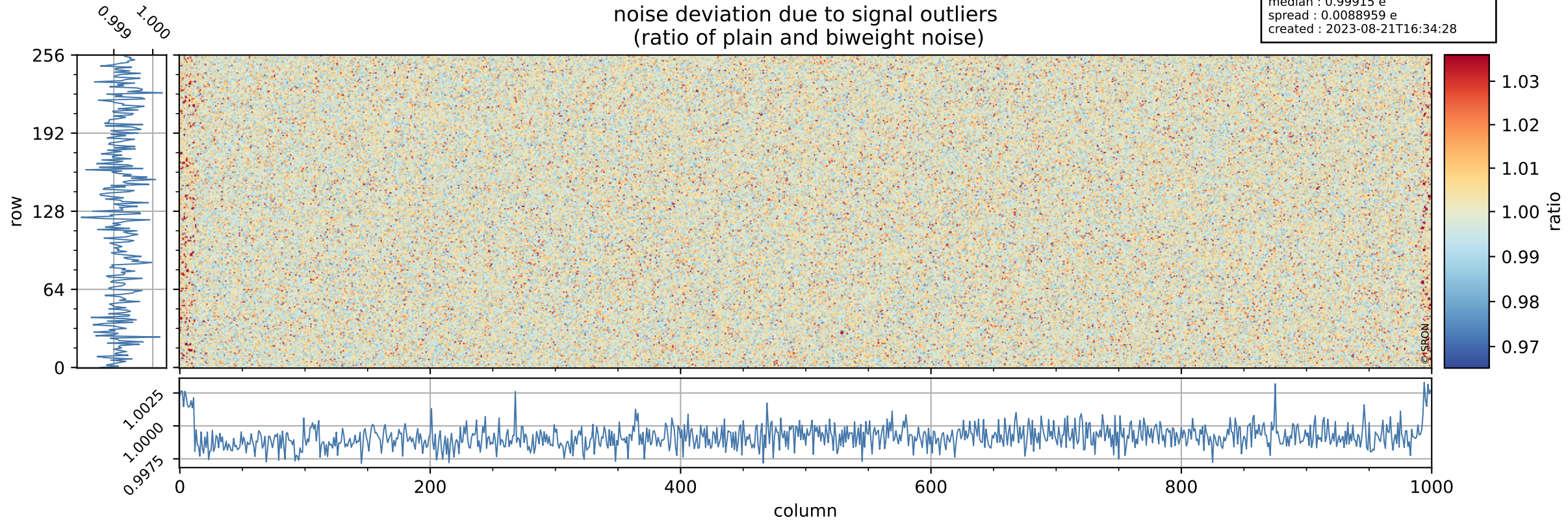
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

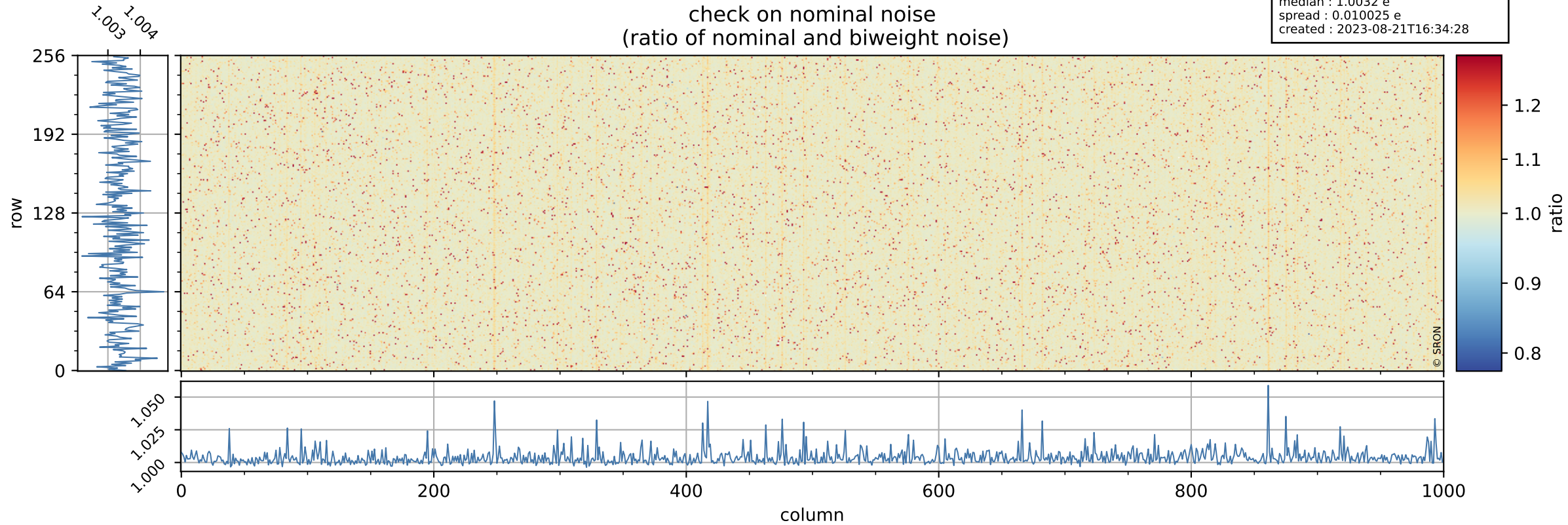
orbits : 13 in [23992, 24082]
coverage : 2022-05-31 / 2022-06-06
median : 0.99915 e
spread : 0.0088959 e
created : 2023-08-21T16:34:28



Tropomi SWIR background noise (swir)

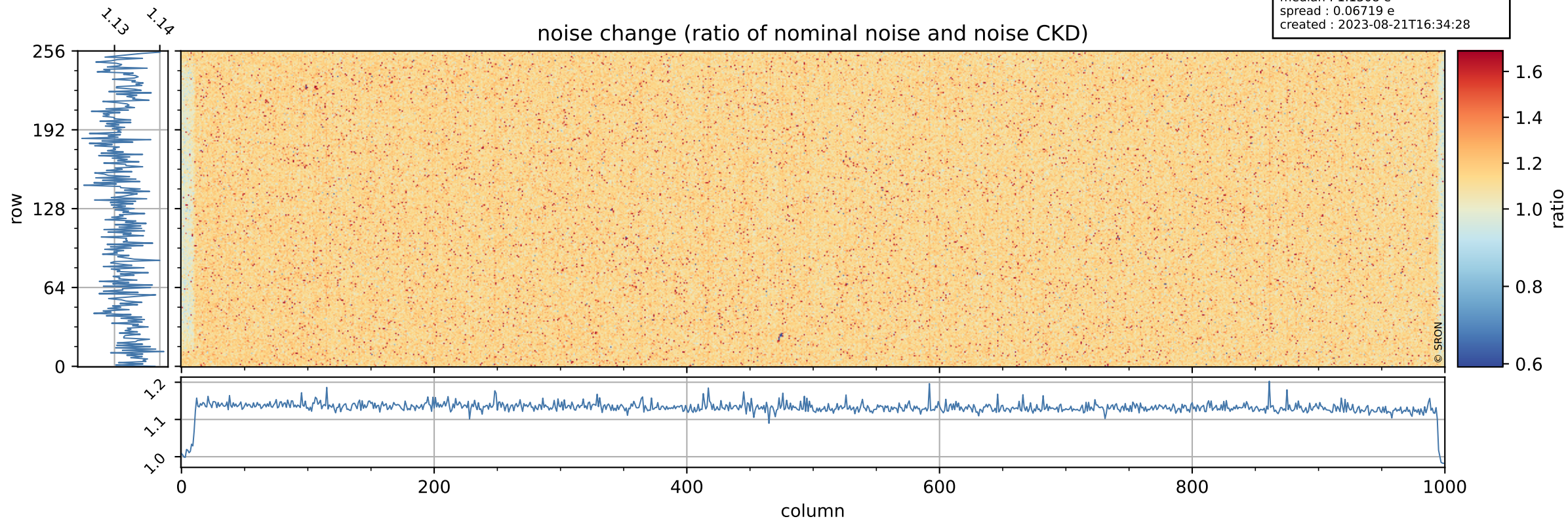
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [23992, 24082]
coverage : 2022-05-31 / 2022-06-06
median : 1.0032 e
spread : 0.010025 e
created : 2023-08-21T16:34:28



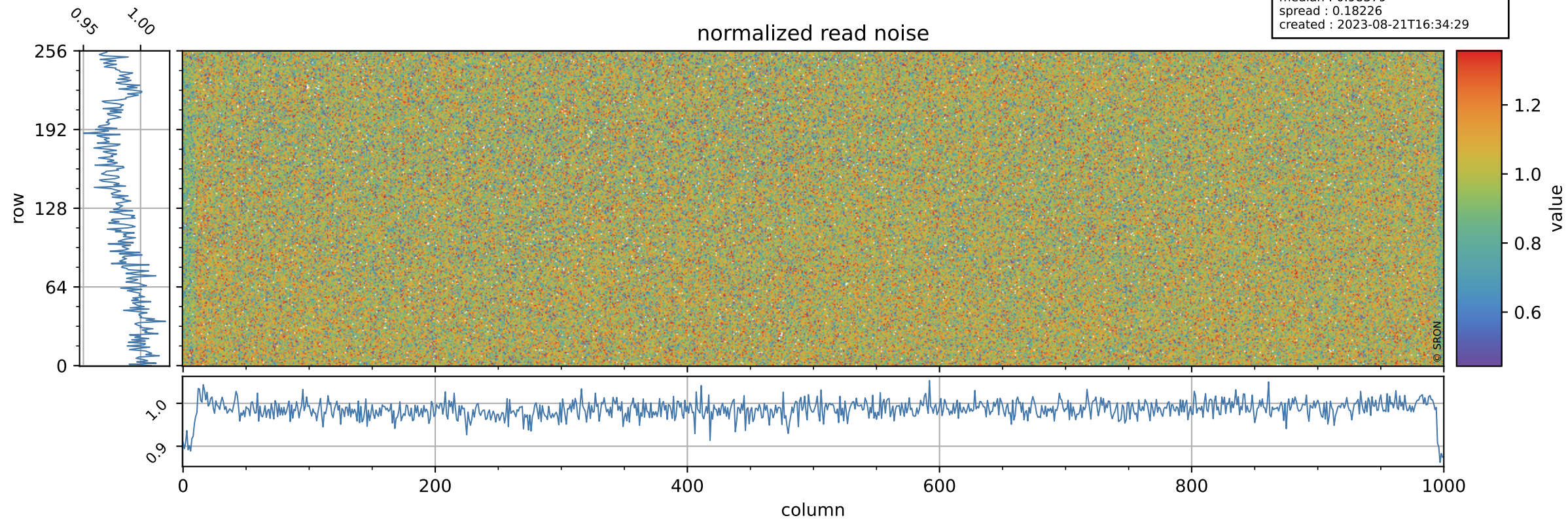
Tropomi SWIR background noise (swir)

orbits : 13 in [23992, 24082]
coverage : 2022-05-31 / 2022-06-06
median : 1.1308 e
spread : 0.06719 e
created : 2023-08-21T16:34:28



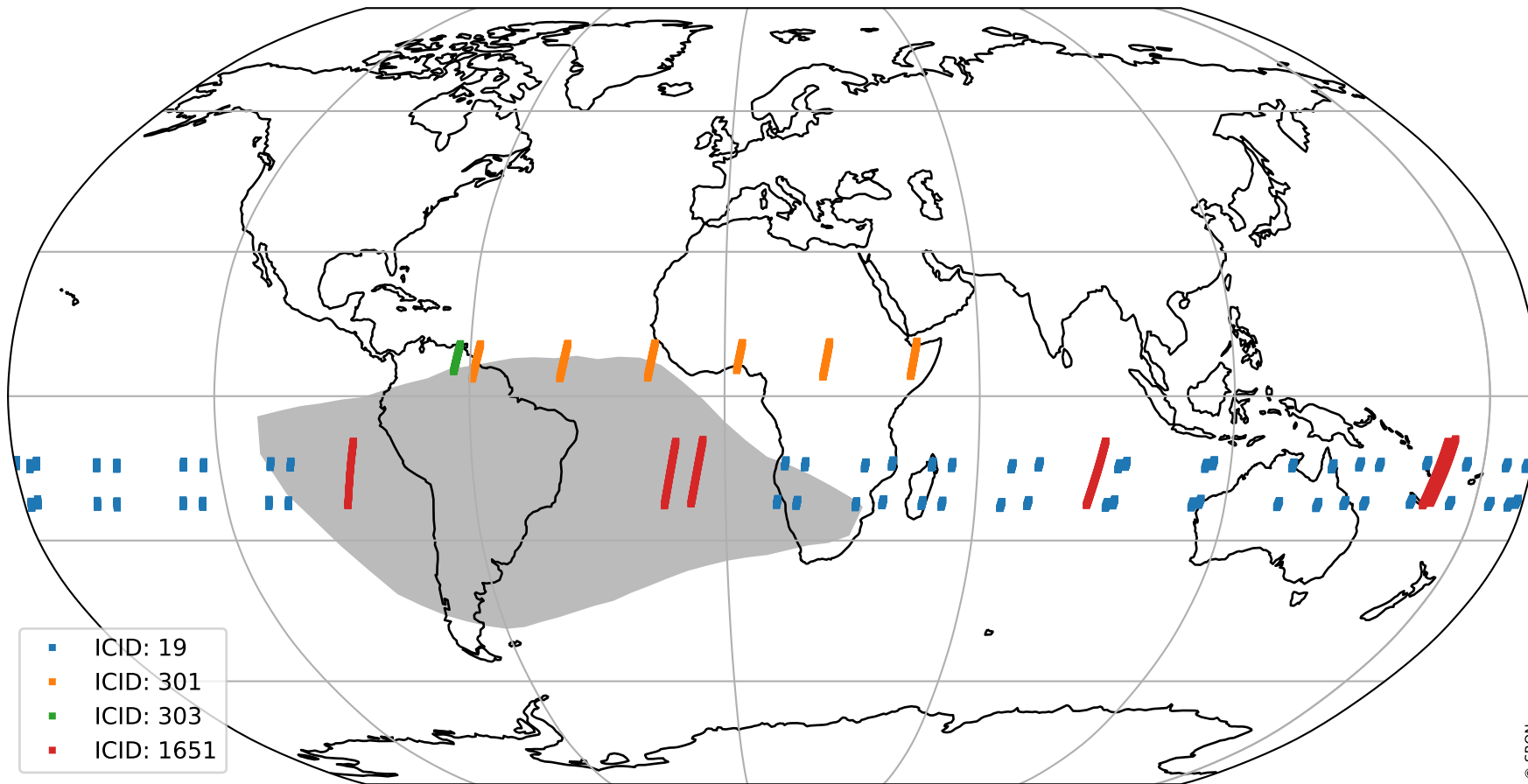
Tropomi SWIR background noise (swir)

orbits : 13 in [23992, 24082]
coverage : 2022-05-31 / 2022-06-06
median : 0.98379
spread : 0.18226
created : 2023-08-21T16:34:29



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

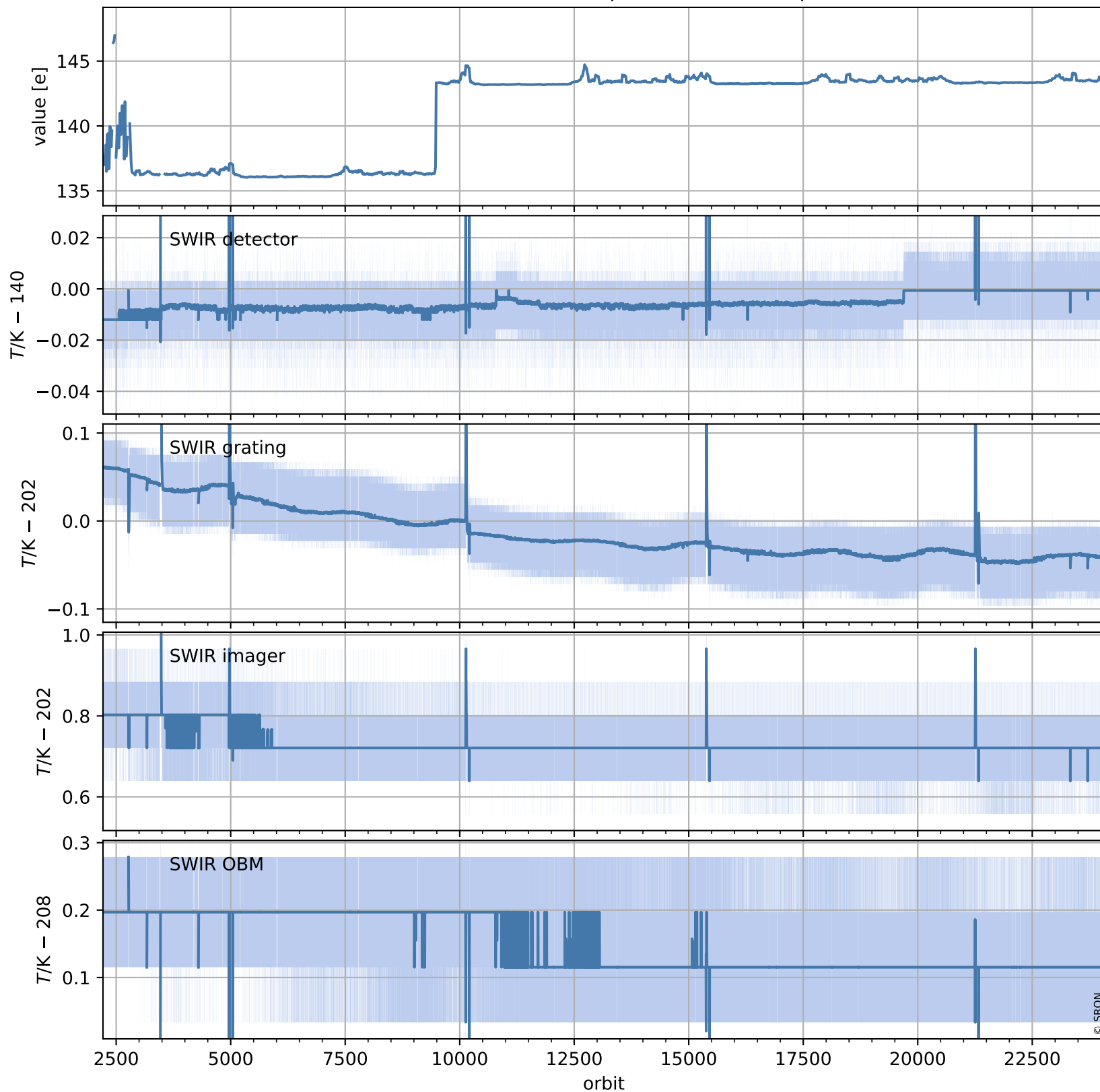
orbits : 13 in [23992, 24082]
coverage : 2022-05-31 / 2022-06-06
created : 2023-08-21T16:34:29



Tropomi SWIR background noise (swir)

orbits : [2212, 24082]
coverage : 2018-03-18 / 2022-06-06
created : 2023-08-21T16:34:29

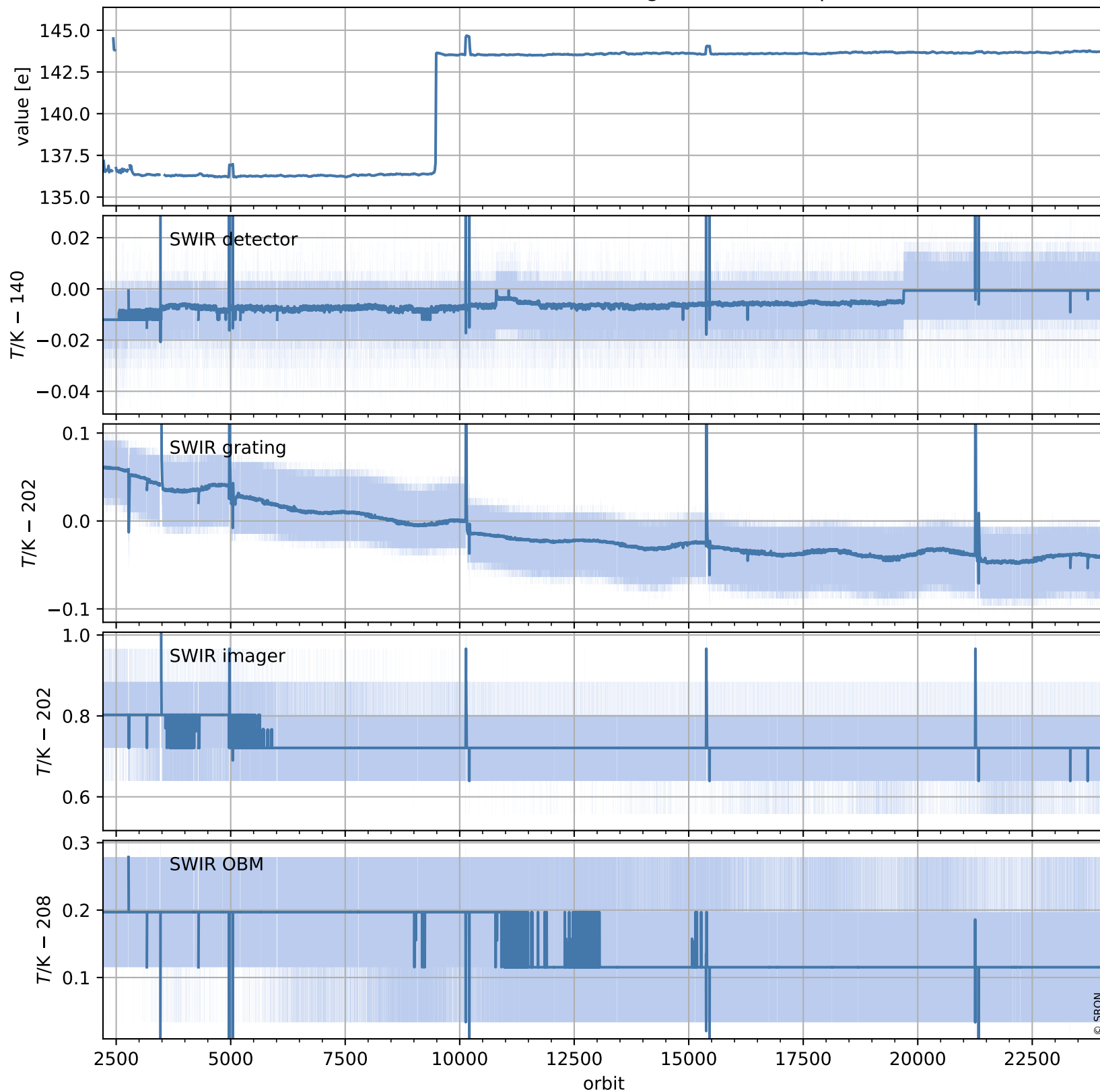
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24082]
coverage : 2018-03-18 / 2022-06-06
created : 2023-08-21T16:34:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24082]
coverage : 2018-03-18 / 2022-06-06
created : 2023-08-21T16:34:31

trend of normalized read-noise & temperatures

