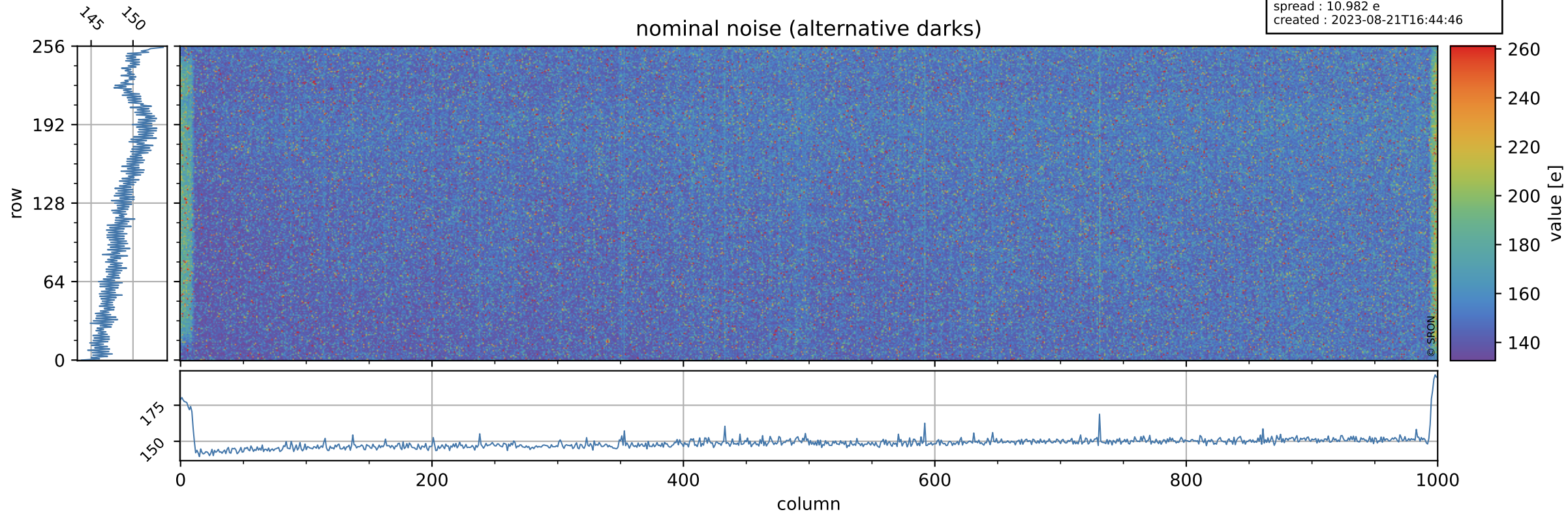


Tropomi SWIR background noise (swir)

orbits : 12 in [25672, 25747]
coverage : 2022-09-26 / 2022-10-01
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 10.982 e
created : 2023-08-21T16:44:46

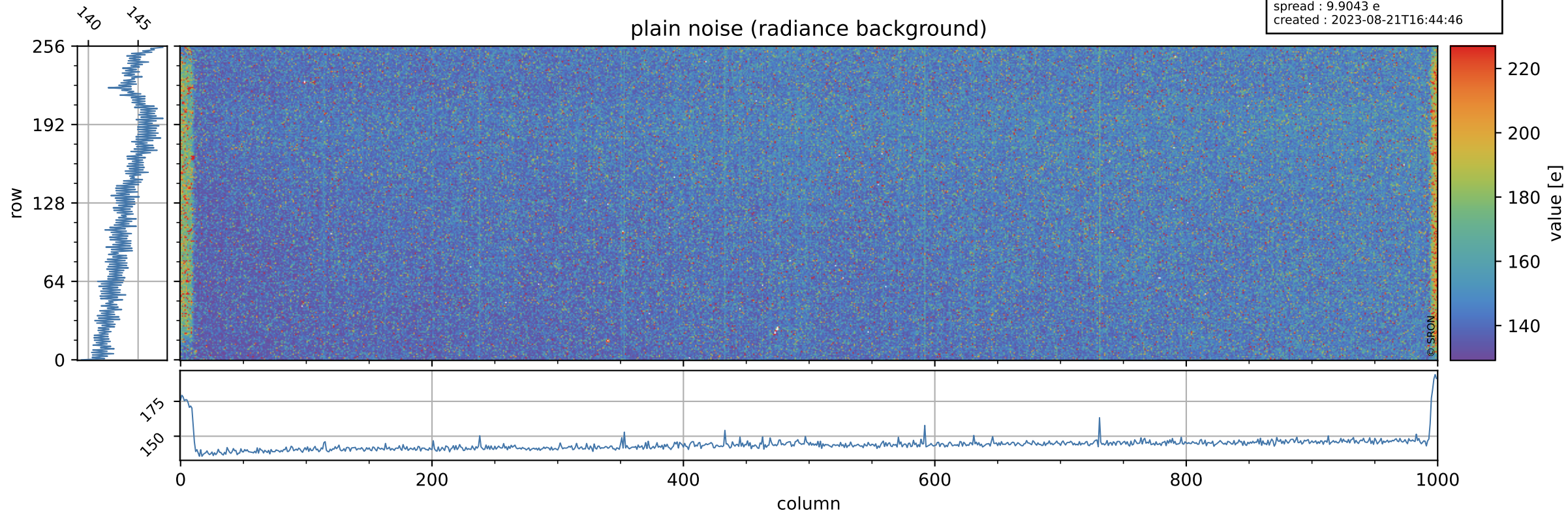
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25672, 25747]
coverage : 2022-09-26 / 2022-10-01
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.9043 e
created : 2023-08-21T16:44:46

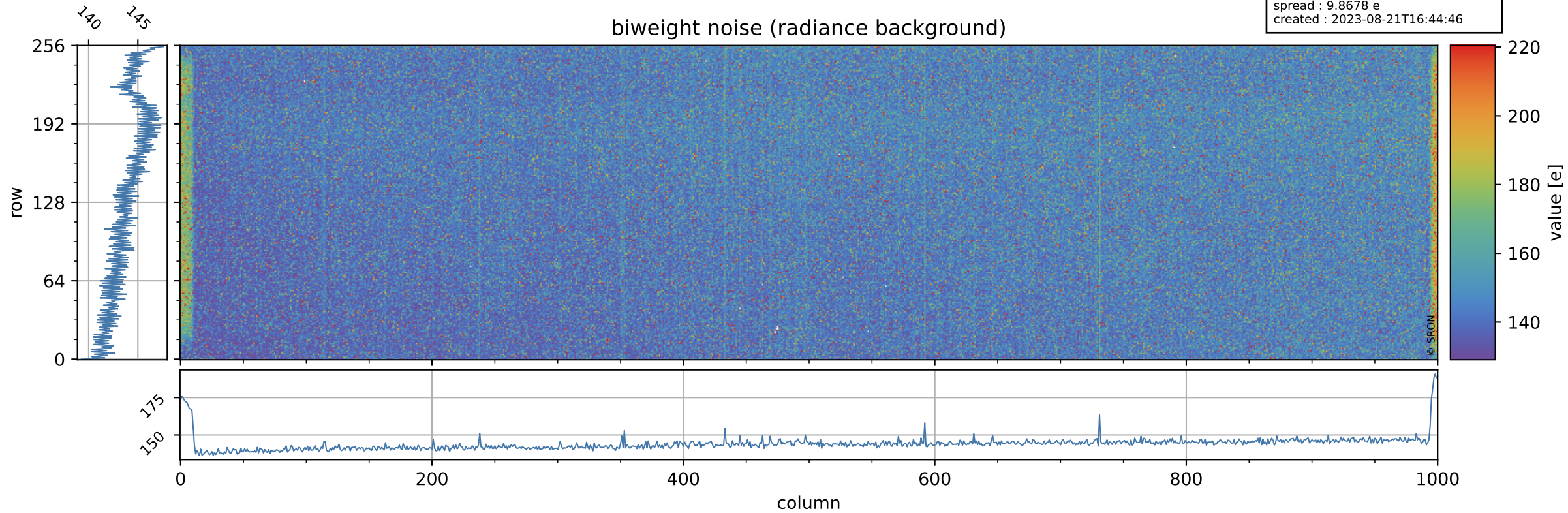
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25672, 25747]
coverage : 2022-09-26 / 2022-10-01
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.8678 e
created : 2023-08-21T16:44:46

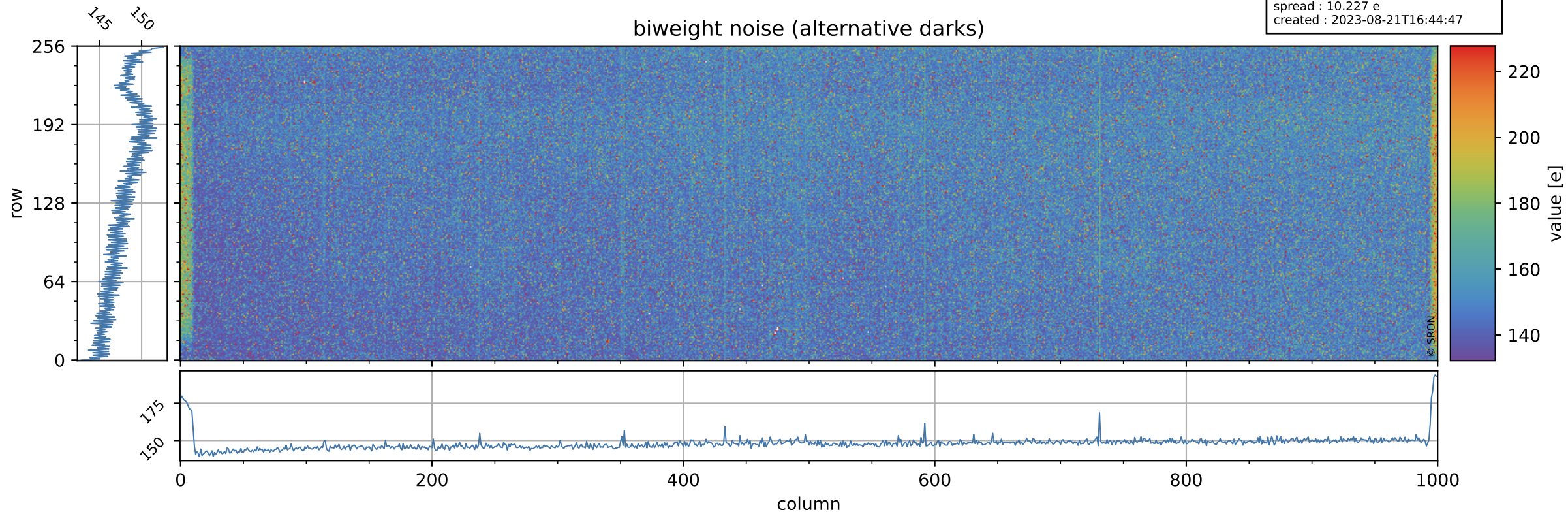
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25672, 25747]
coverage : 2022-09-26 / 2022-10-01
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.227 e
created : 2023-08-21T16:44:47

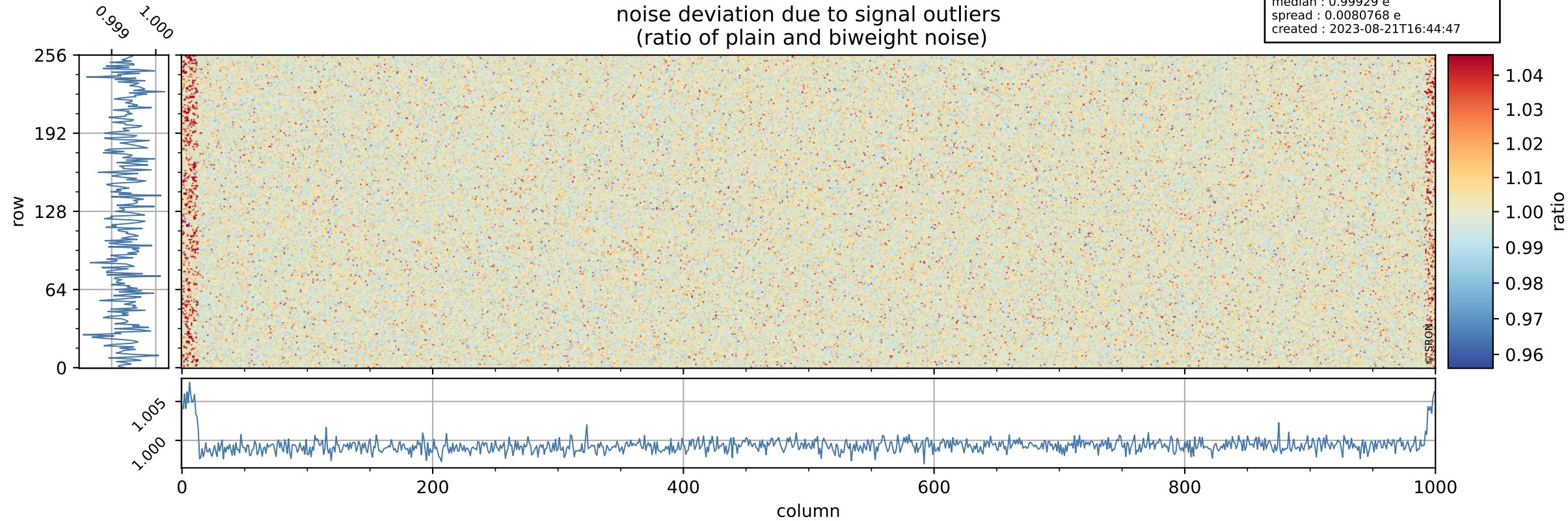
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

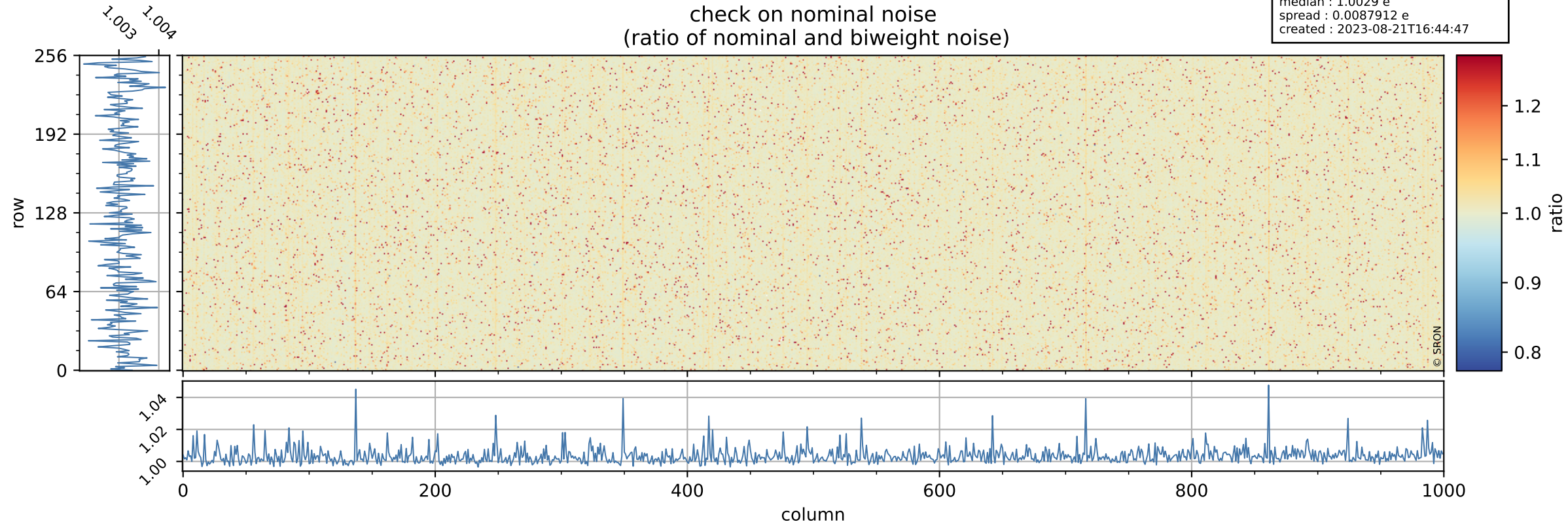
orbits : 12 in [25672, 25747]
coverage : 2022-09-26 / 2022-10-01
median : 0.99929 e
spread : 0.0080768 e
created : 2023-08-21T16:44:47



Tropomi SWIR background noise (swir)

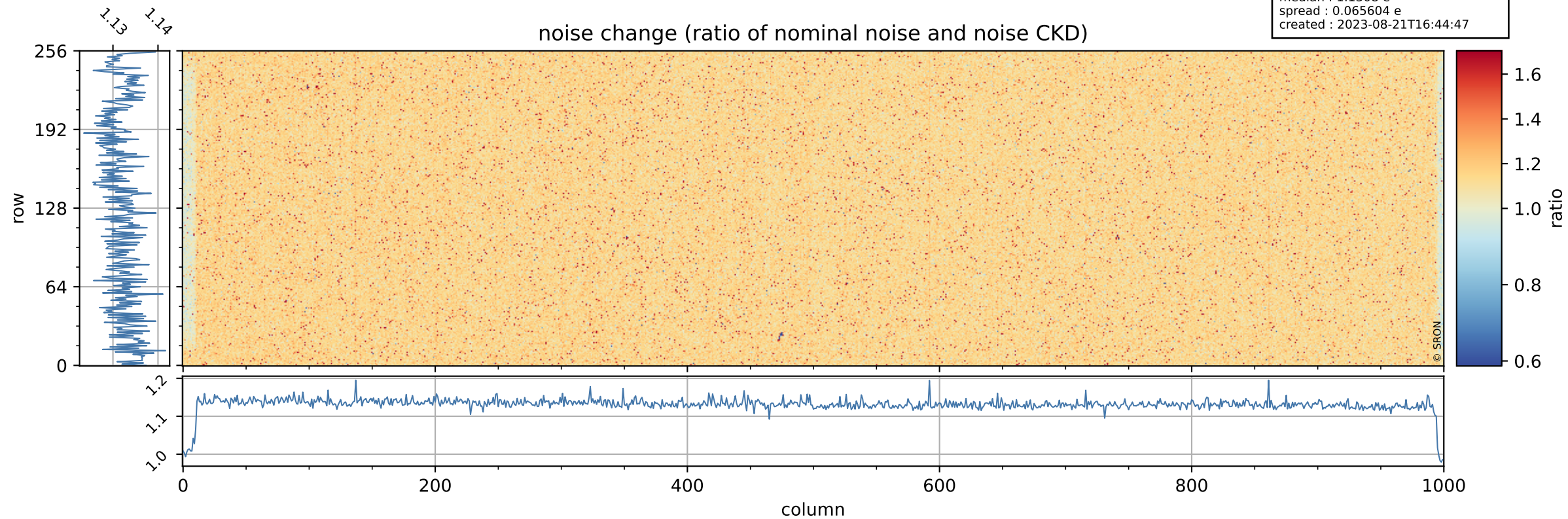
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25672, 25747]
coverage : 2022-09-26 / 2022-10-01
median : 1.0029 e
spread : 0.0087912 e
created : 2023-08-21T16:44:47



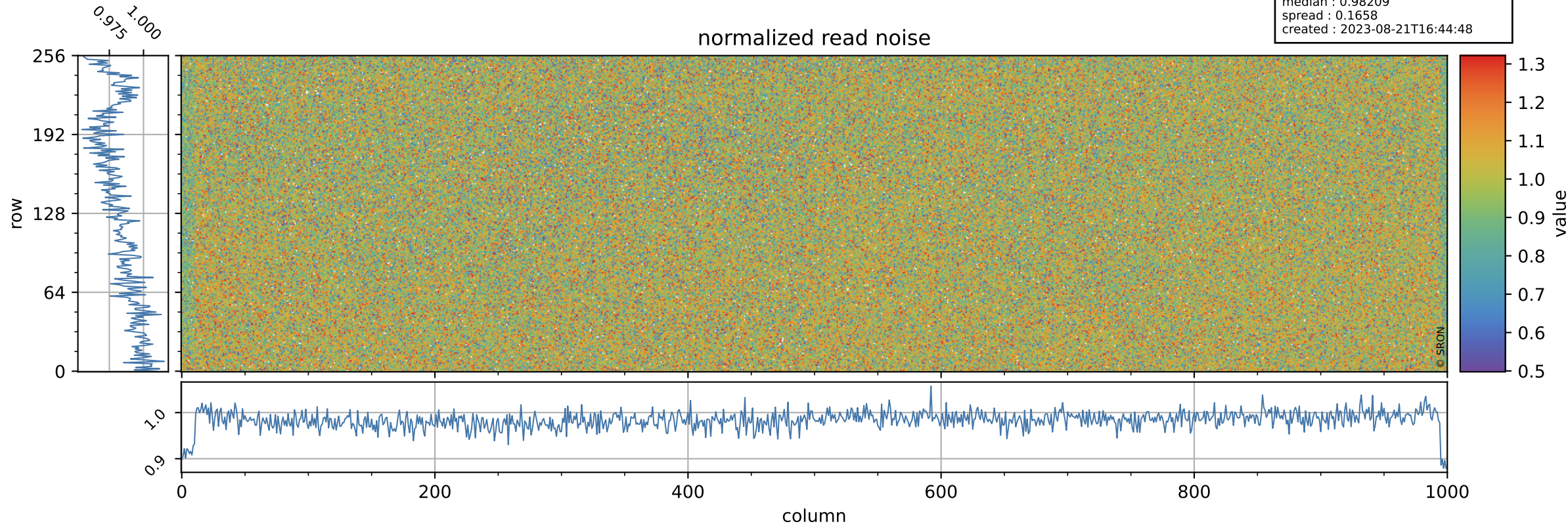
Tropomi SWIR background noise (swir)

orbits : 12 in [25672, 25747]
coverage : 2022-09-26 / 2022-10-01
median : 1.1308 e
spread : 0.065604 e
created : 2023-08-21T16:44:47



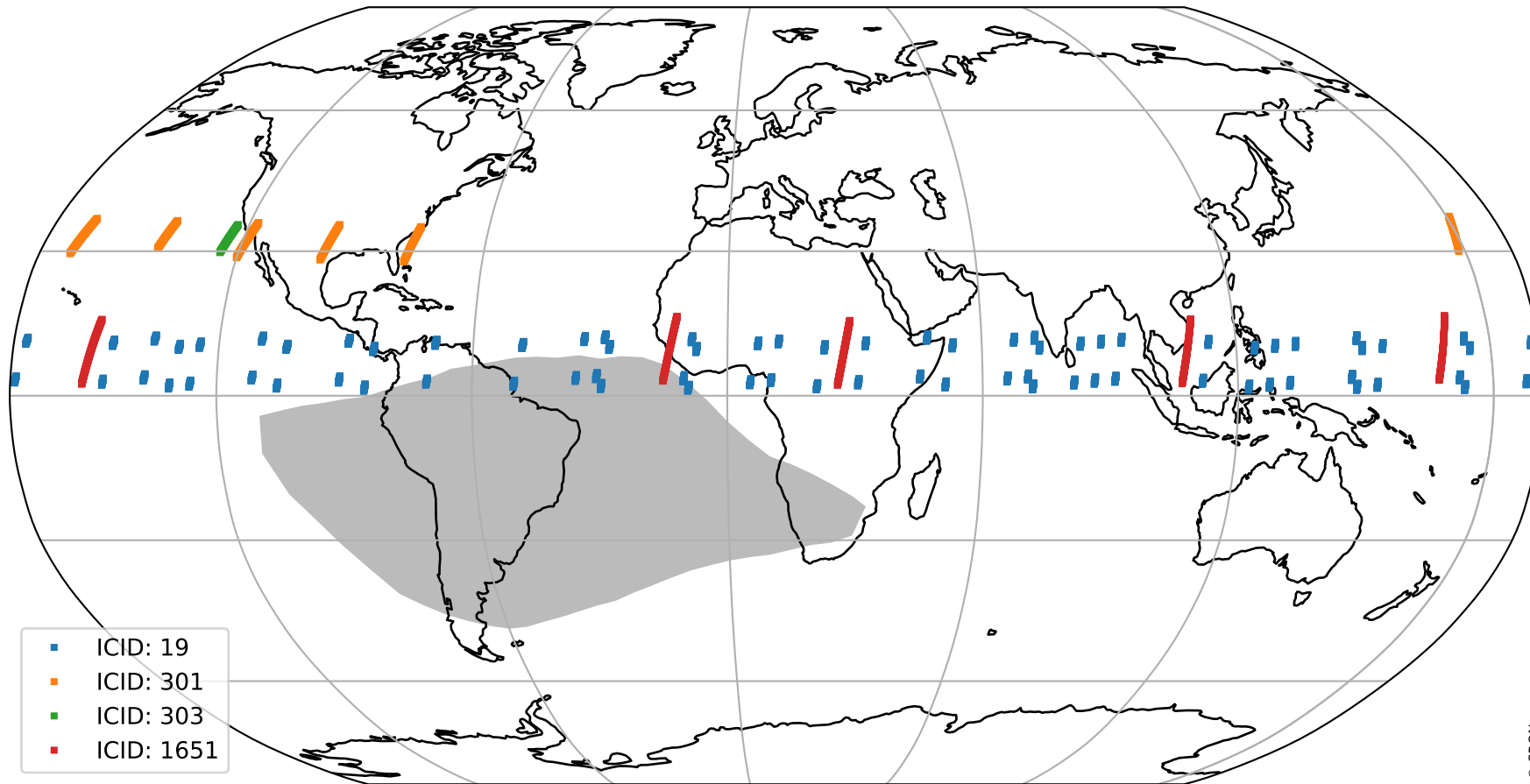
Tropomi SWIR background noise (swir)

orbits : 12 in [25672, 25747]
coverage : 2022-09-26 / 2022-10-01
median : 0.98209
spread : 0.1658
created : 2023-08-21T16:44:48



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

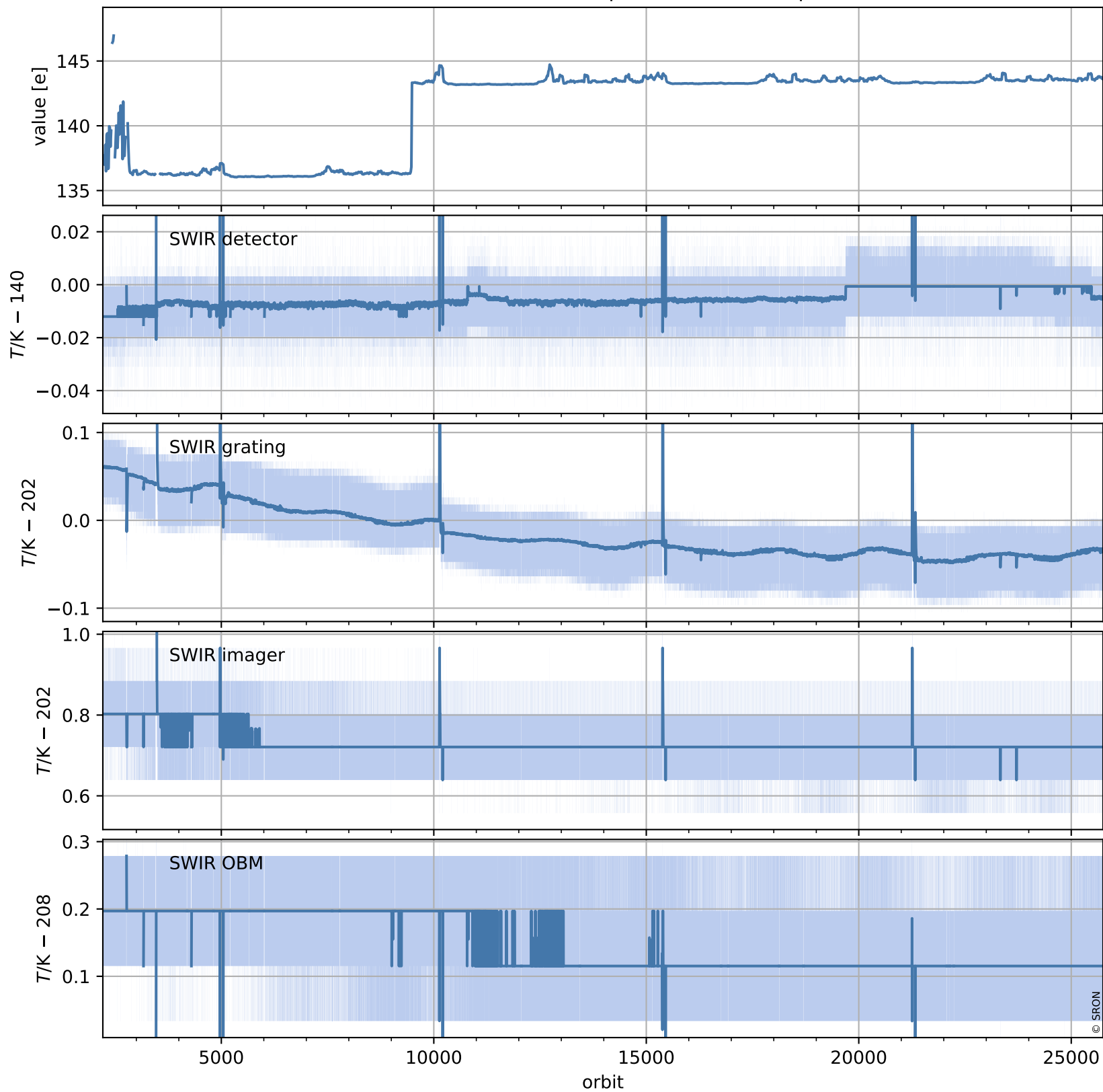
orbits : 12 in [25672, 25747]
coverage : 2022-09-26 / 2022-10-01
created : 2023-08-21T16:44:48



Tropomi SWIR background noise (swir)

orbits : [2212, 25747]
coverage : 2018-03-18 / 2022-10-01
created : 2023-08-21T16:44:48

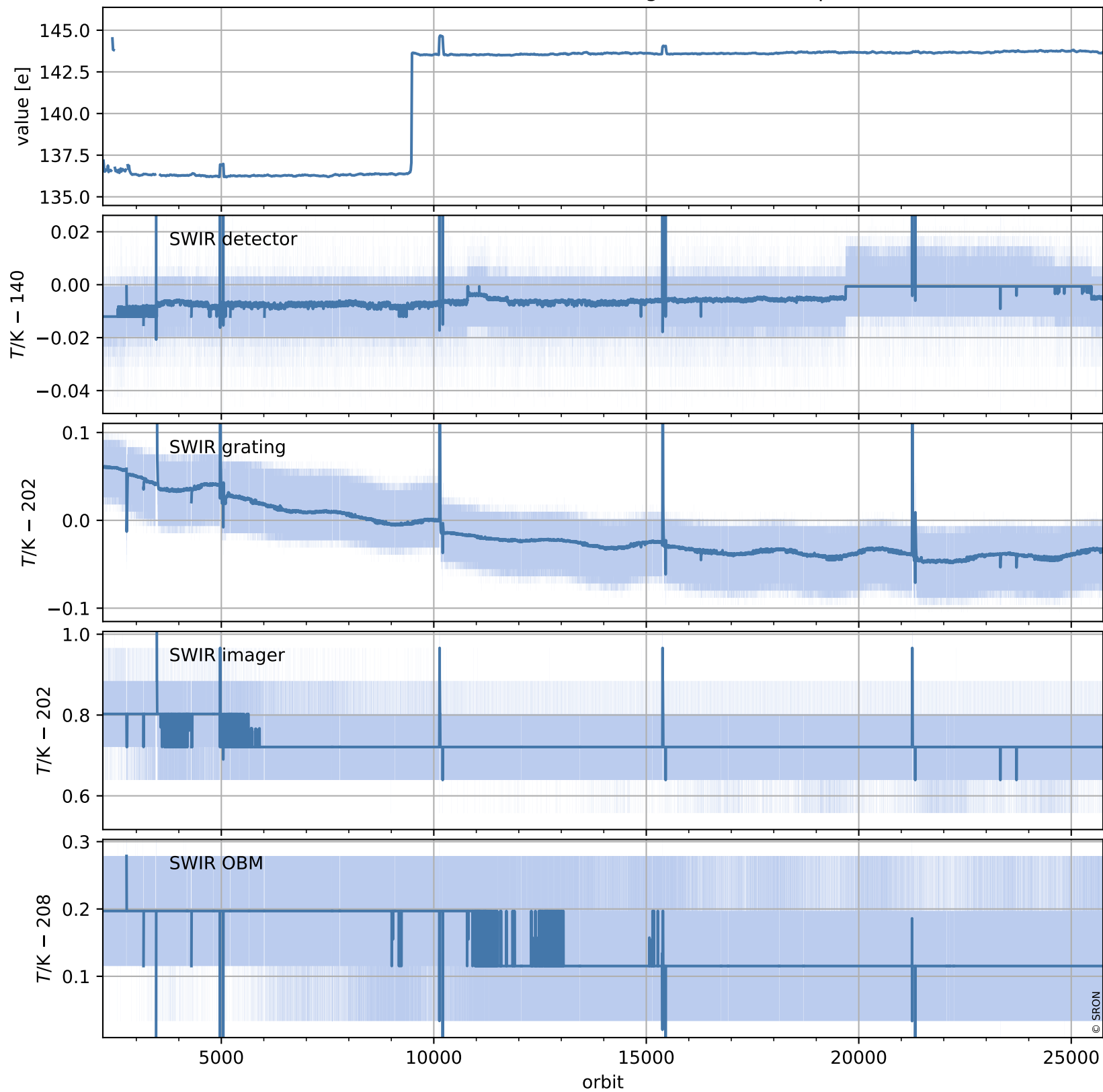
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25747]
coverage : 2018-03-18 / 2022-10-01
created : 2023-08-21T16:44:49

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25747]
coverage : 2018-03-18 / 2022-10-01
created : 2023-08-21T16:44:50

trend of normalized read-noise & temperatures

