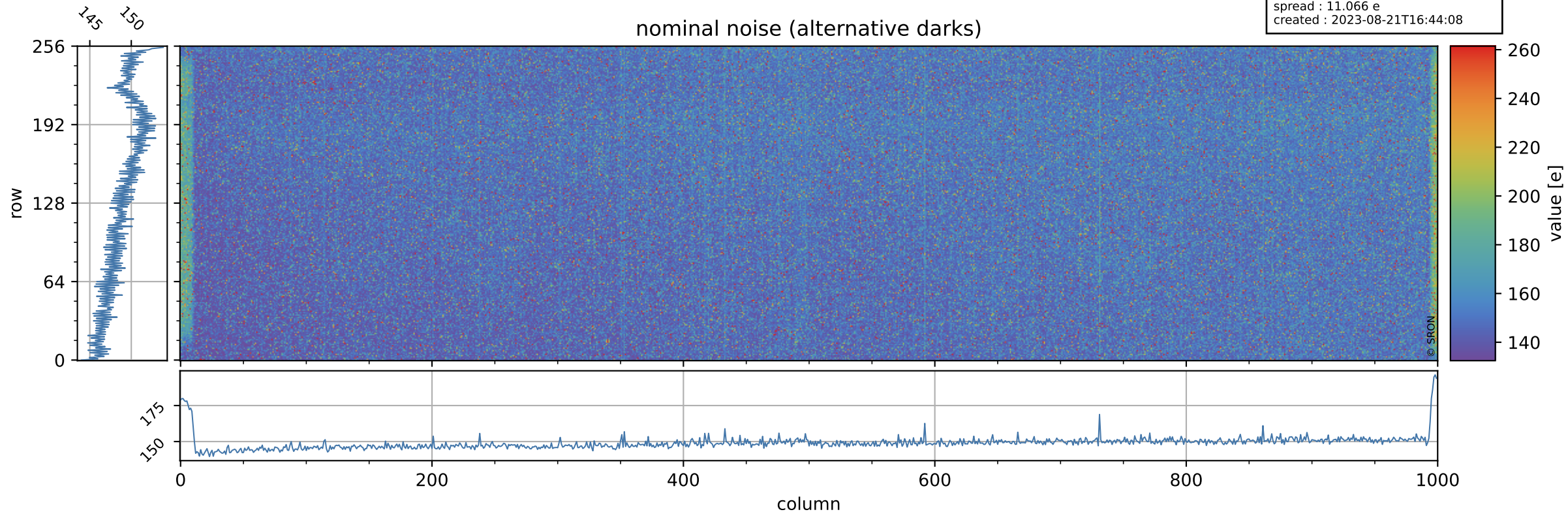


Tropomi SWIR background noise (swir)

orbits : 12 in [25552, 25642]
coverage : 2022-09-18 / 2022-09-24
n_coad, t_exp : 1, 1.0783
median : 148.85 e
spread : 11.066 e
created : 2023-08-21T16:44:08

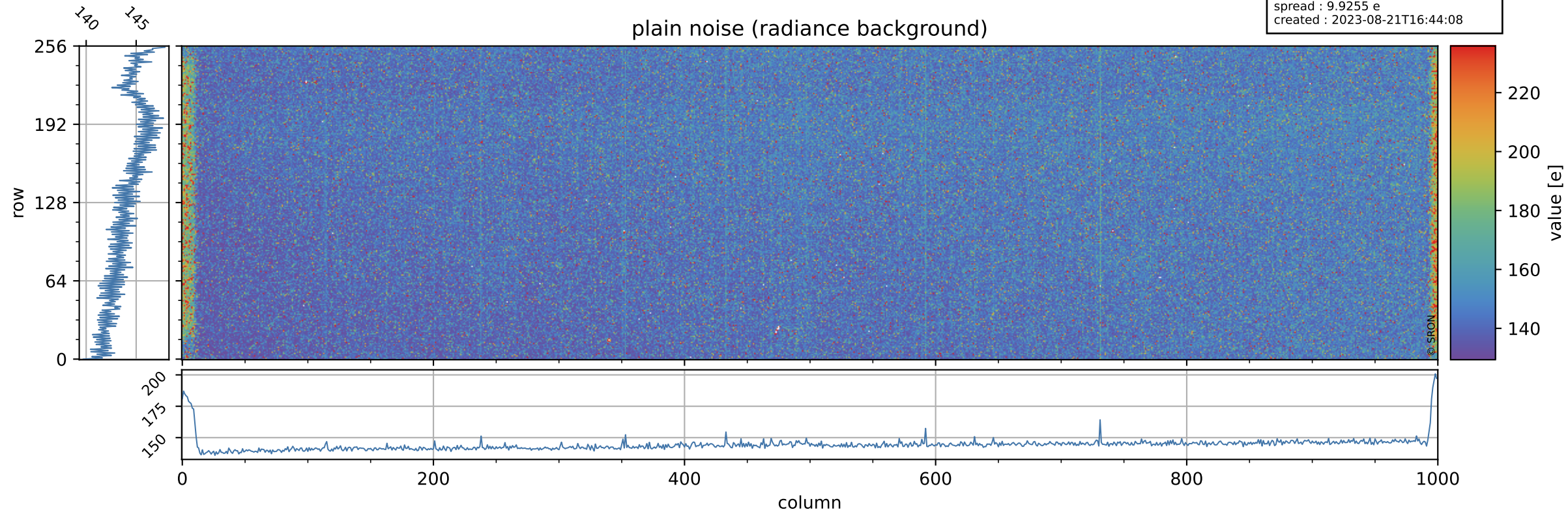
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25552, 25642]
coverage : 2022-09-18 / 2022-09-24
n_coad, t_exp : 1, 0.8383
median : 143.98 e
spread : 9.9255 e
created : 2023-08-21T16:44:08

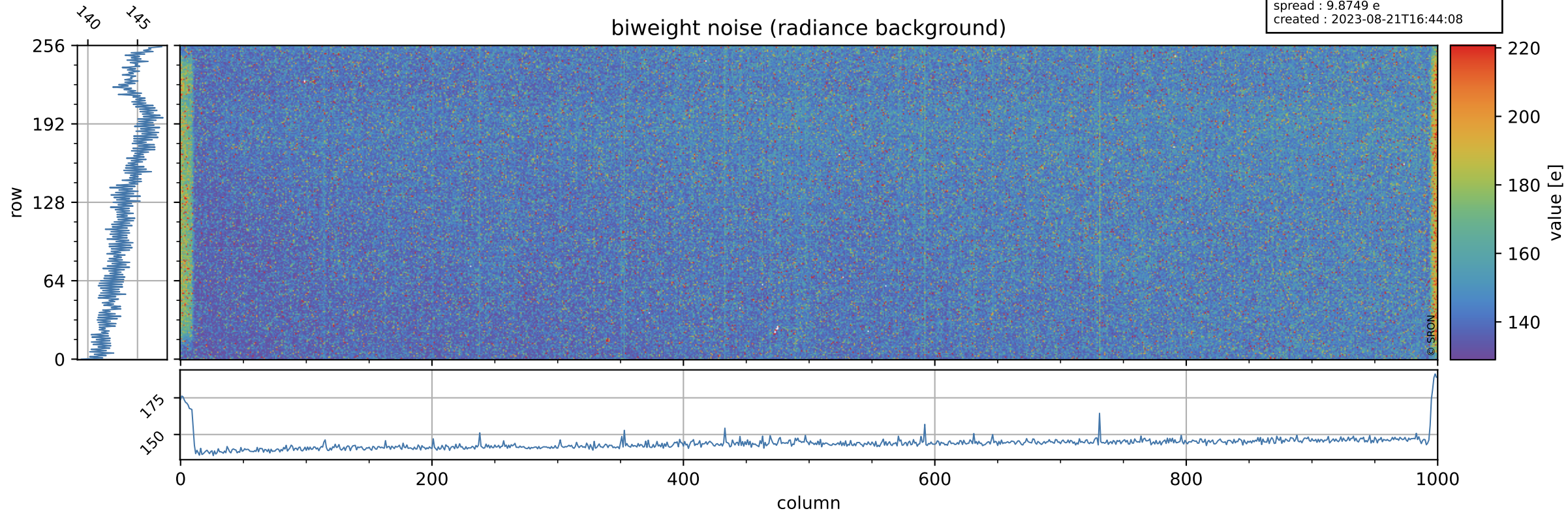
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25552, 25642]
coverage : 2022-09-18 / 2022-09-24
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.8749 e
created : 2023-08-21T16:44:08

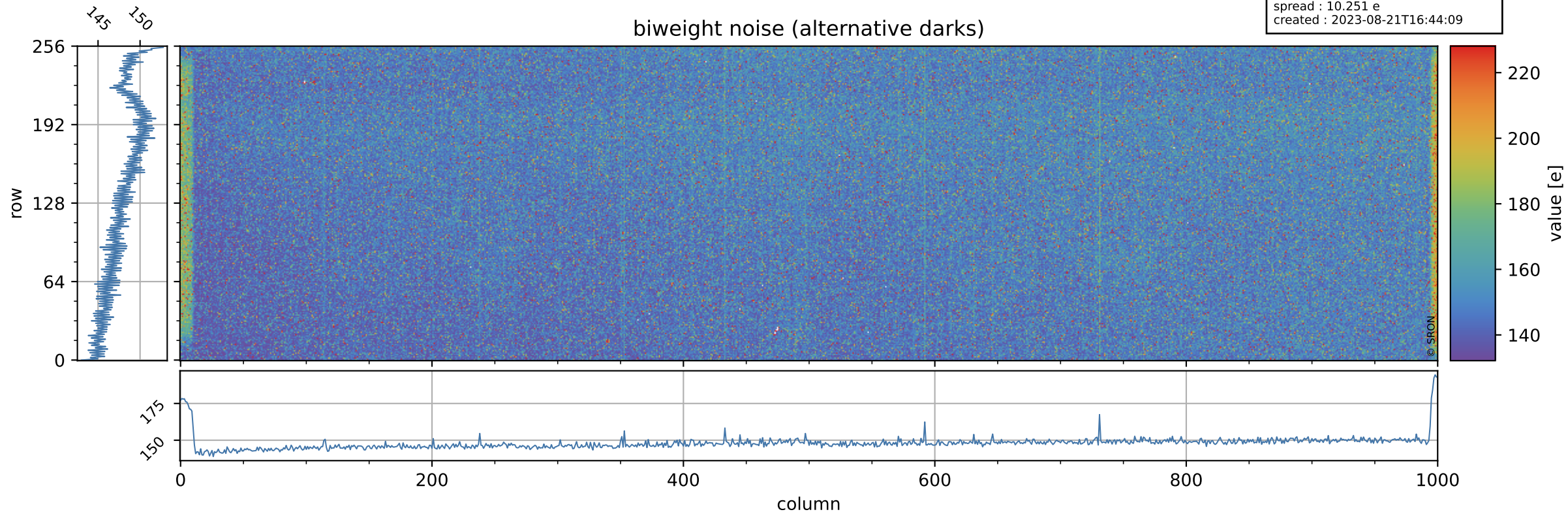
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25552, 25642]
coverage : 2022-09-18 / 2022-09-24
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.251 e
created : 2023-08-21T16:44:09

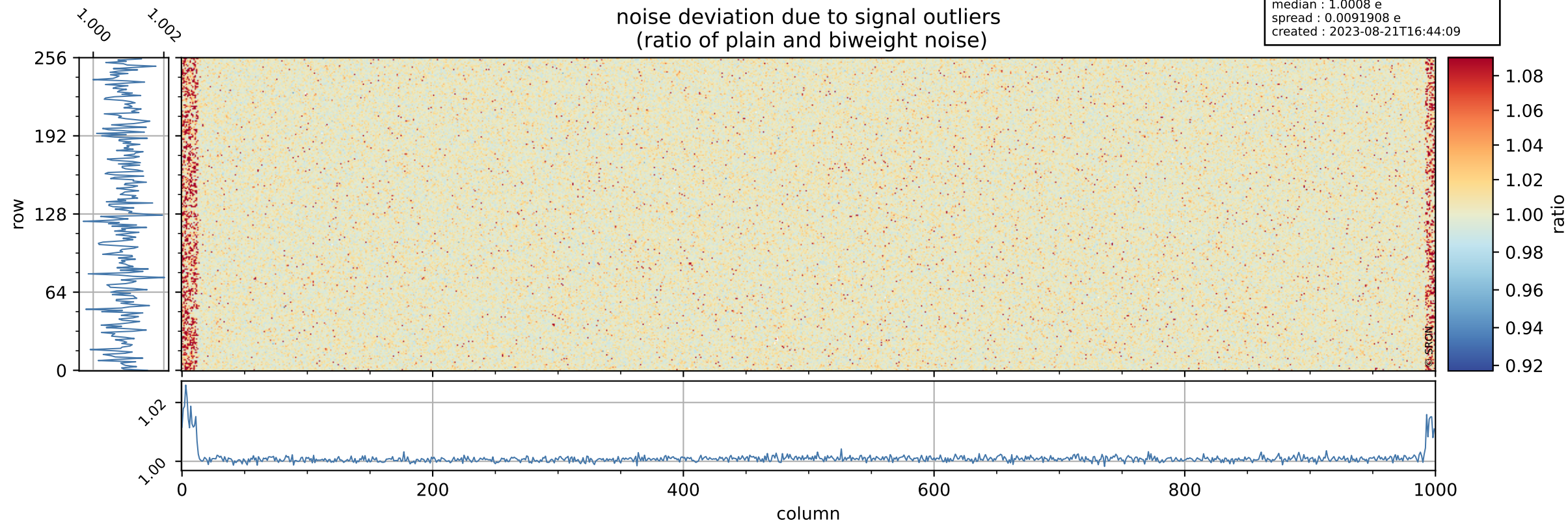
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

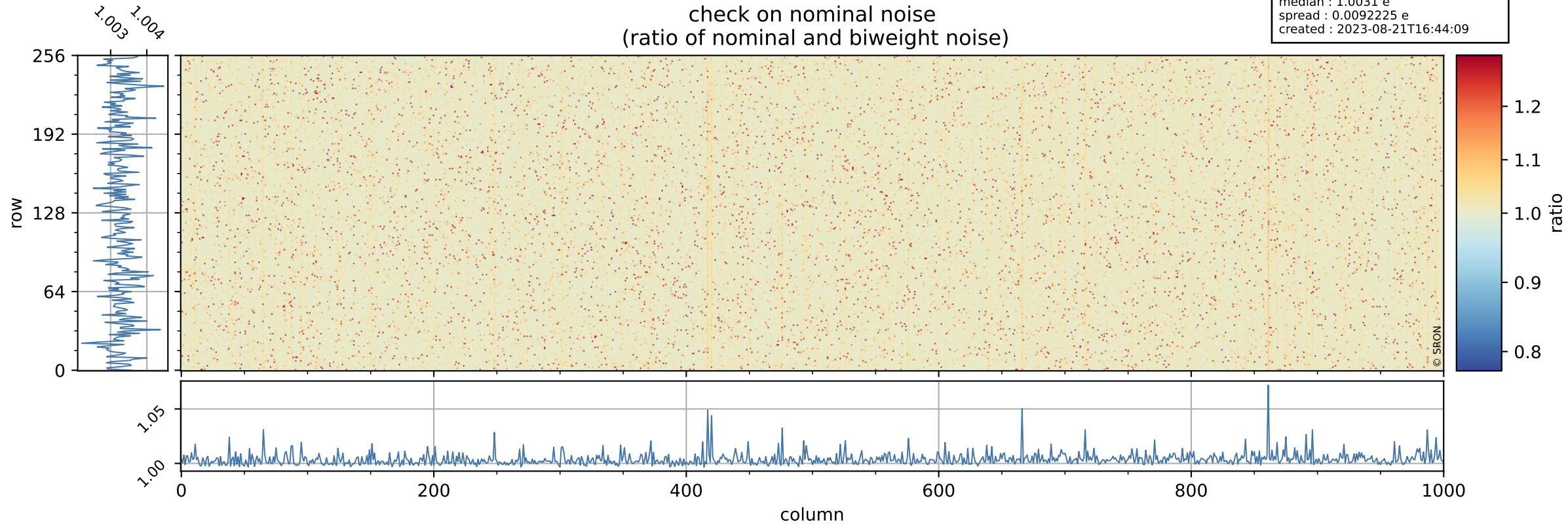
orbits : 12 in [25552, 25642]
coverage : 2022-09-18 / 2022-09-24
median : 1.0008 e
spread : 0.0091908 e
created : 2023-08-21T16:44:09



Tropomi SWIR background noise (swir)

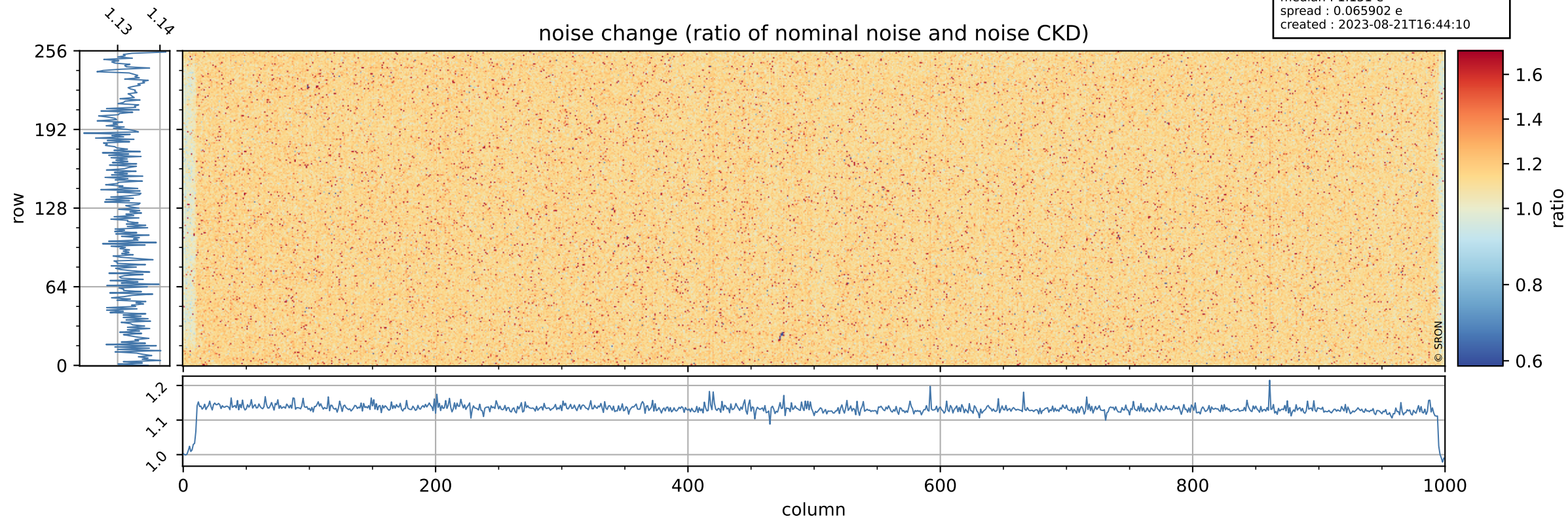
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25552, 25642]
coverage : 2022-09-18 / 2022-09-24
median : 1.0031 e
spread : 0.0092225 e
created : 2023-08-21T16:44:09



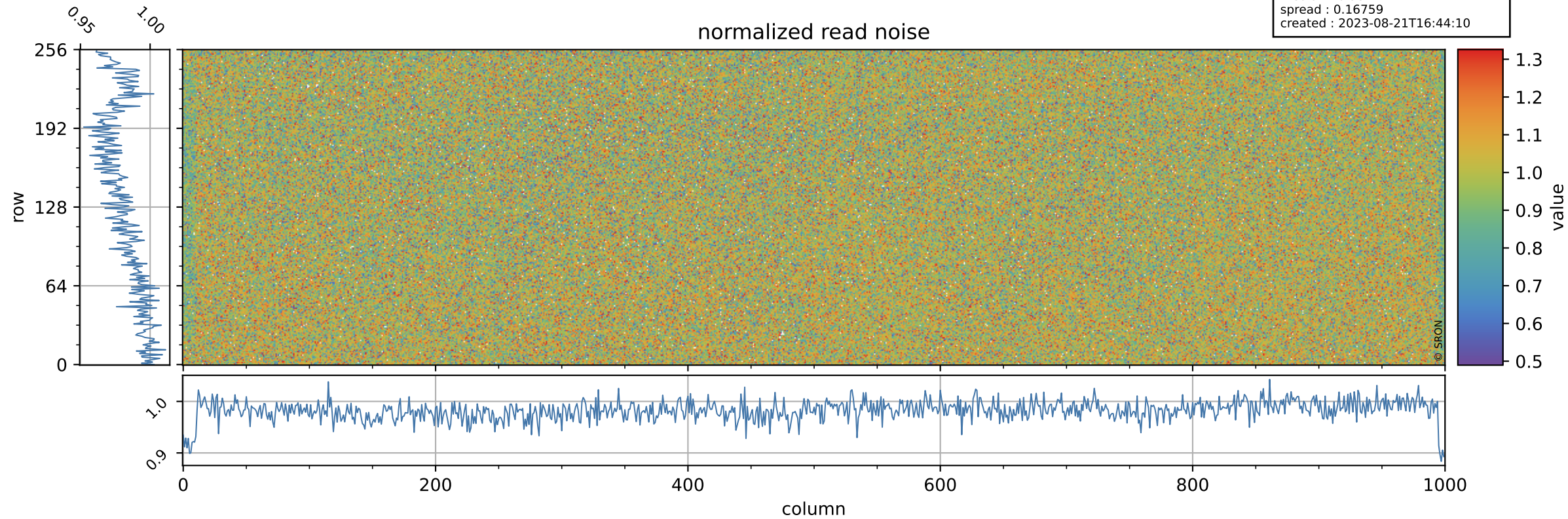
Tropomi SWIR background noise (swir)

orbits : 12 in [25552, 25642]
coverage : 2022-09-18 / 2022-09-24
median : 1.131 e
spread : 0.065902 e
created : 2023-08-21T16:44:10



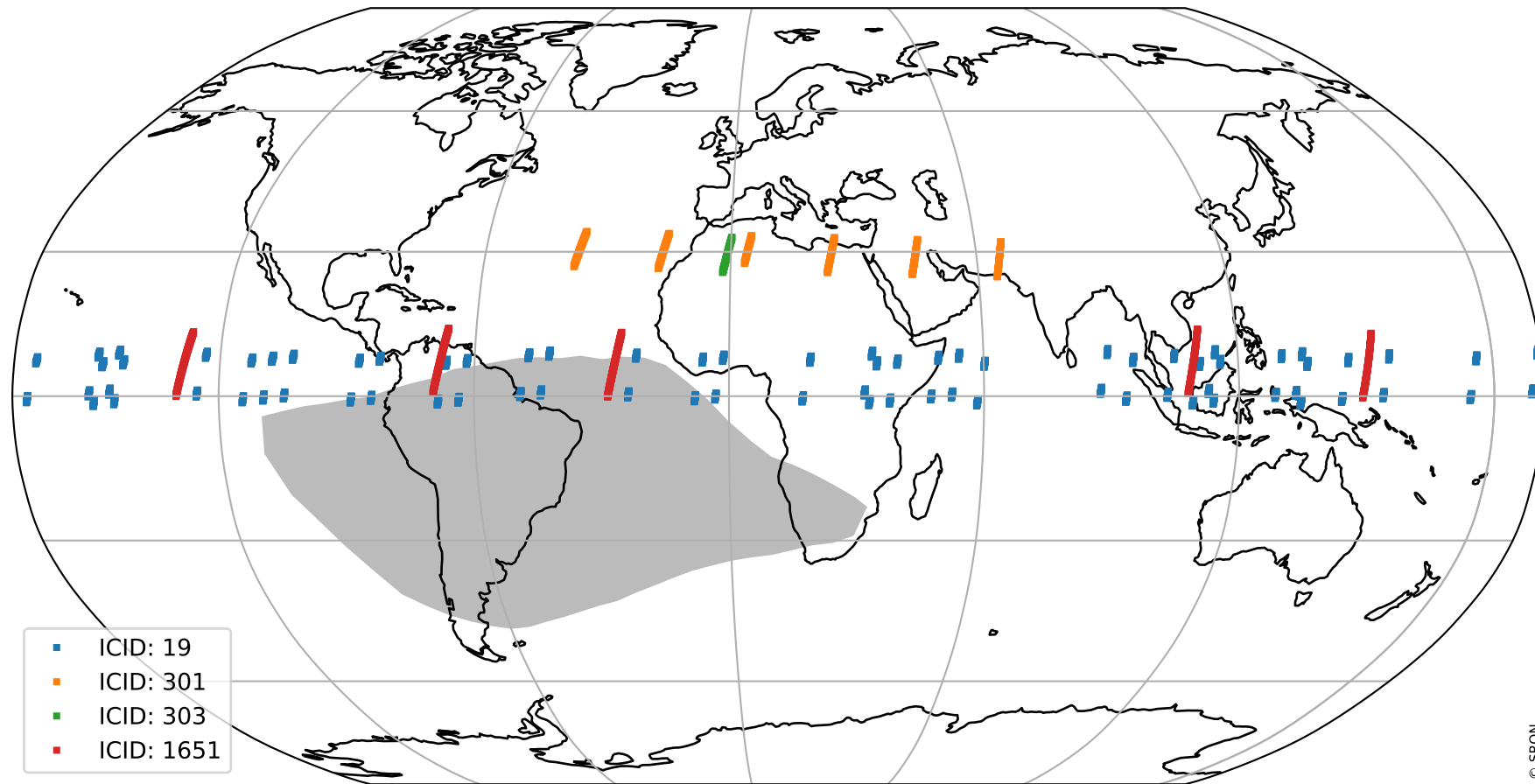
Tropomi SWIR background noise (swir)

orbits : 12 in [25552, 25642]
coverage : 2022-09-18 / 2022-09-24
median : 0.9811
spread : 0.16759
created : 2023-08-21T16:44:10



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

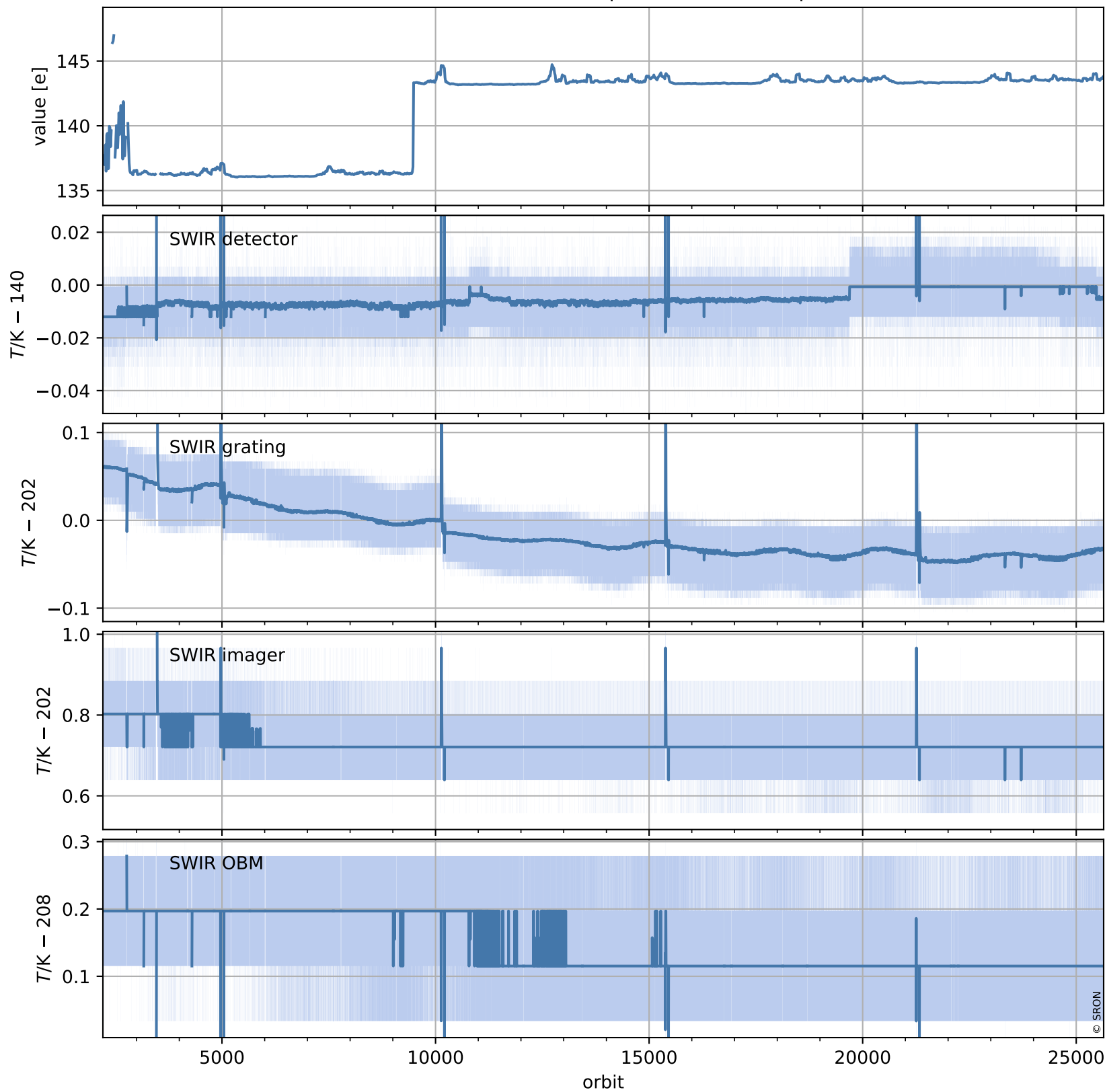
orbits : 12 in [25552, 25642]
coverage : 2022-09-18 / 2022-09-24
created : 2023-08-21T16:44:10



Tropomi SWIR background noise (swir)

orbits : [2212, 25642]
coverage : 2018-03-18 / 2022-09-24
created : 2023-08-21T16:44:11

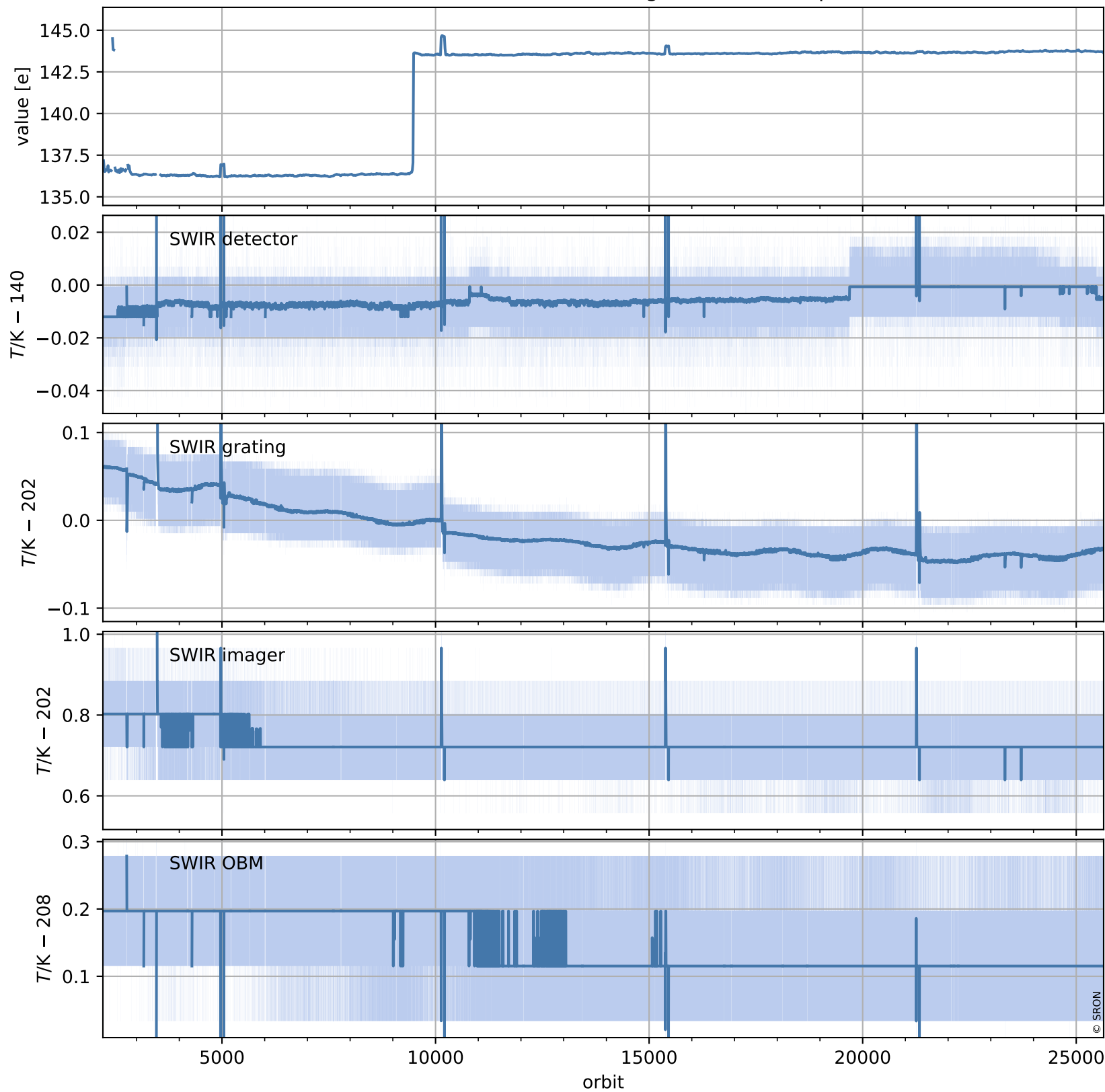
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25642]
coverage : 2018-03-18 / 2022-09-24
created : 2023-08-21T16:44:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25642]
coverage : 2018-03-18 / 2022-09-24
created : 2023-08-21T16:44:12

trend of normalized read-noise & temperatures

