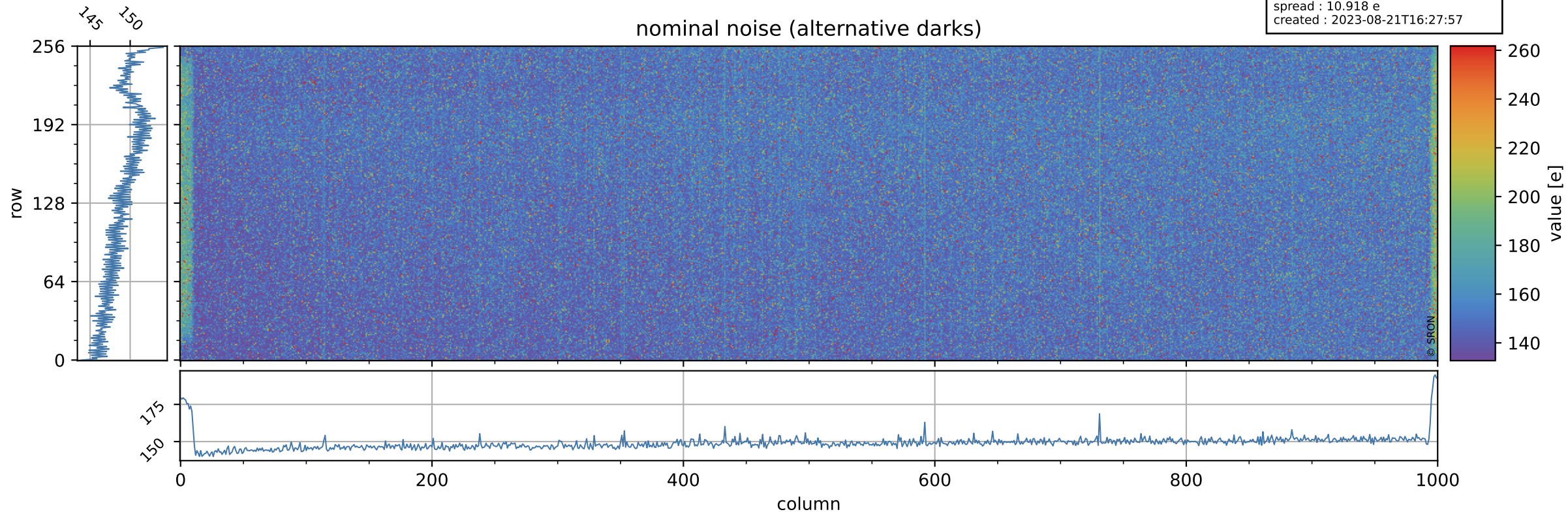


Tropomi SWIR background noise (swir)

orbits : 13 in [22987, 23077]
coverage : 2022-03-21 / 2022-03-28
n_coad, t_exp : 1, 1.0783
median : 148.89 e
spread : 10.918 e
created : 2023-08-21T16:27:57

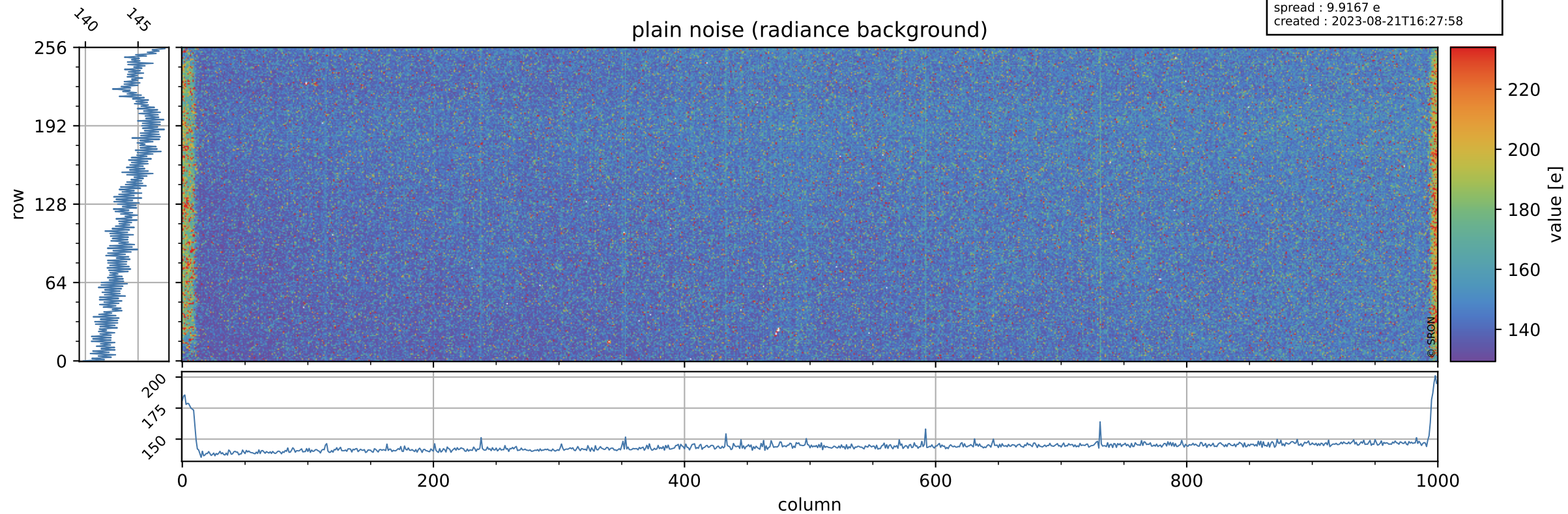
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [22987, 23077]
coverage : 2022-03-21 / 2022-03-28
n_coad, t_exp : 1, 0.8383
median : 143.96 e
spread : 9.9167 e
created : 2023-08-21T16:27:58

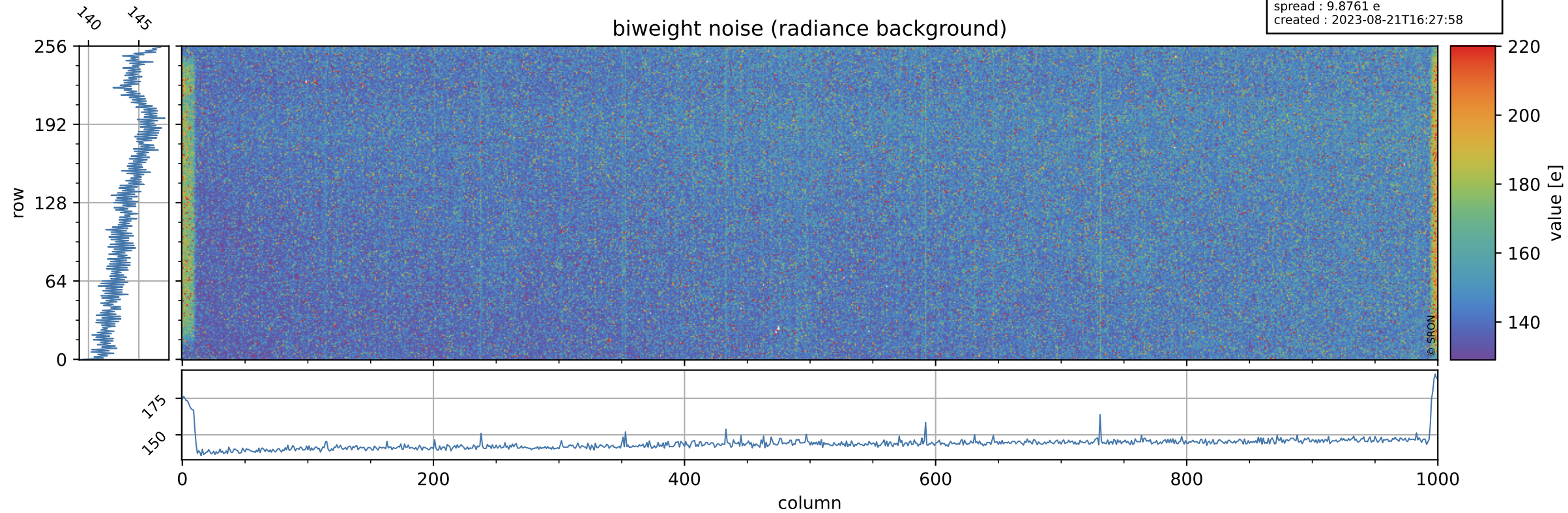
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22987, 23077]
coverage : 2022-03-21 / 2022-03-28
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.8761 e
created : 2023-08-21T16:27:58

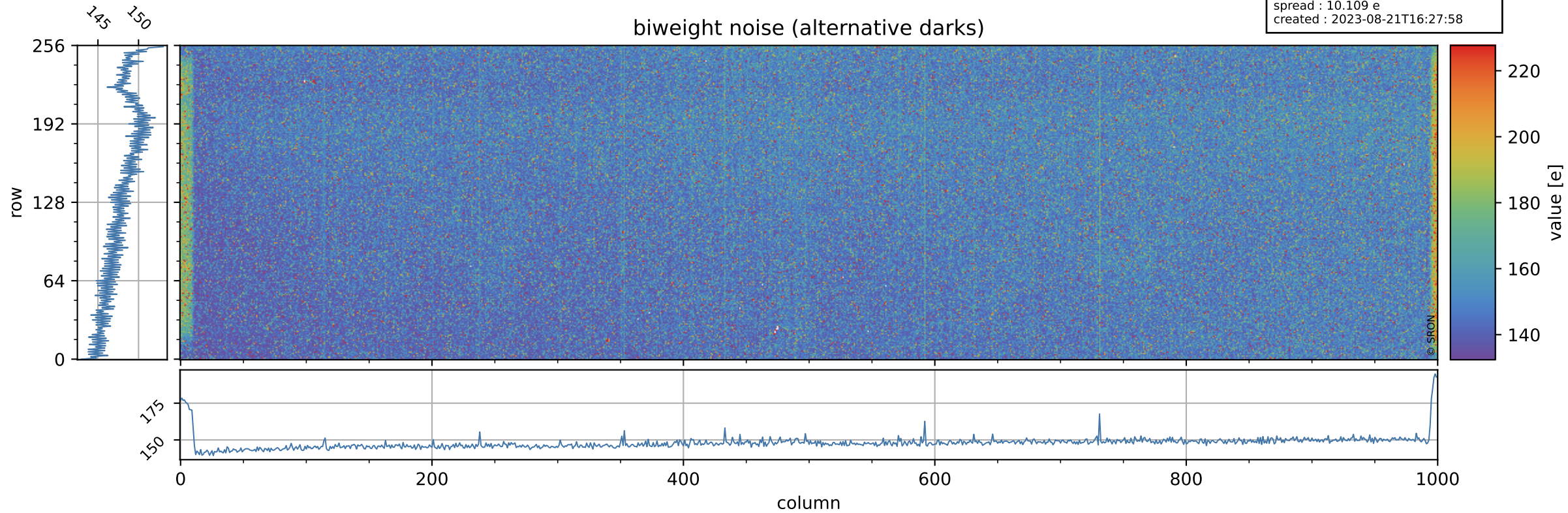
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22987, 23077]
coverage : 2022-03-21 / 2022-03-28
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.109 e
created : 2023-08-21T16:27:58

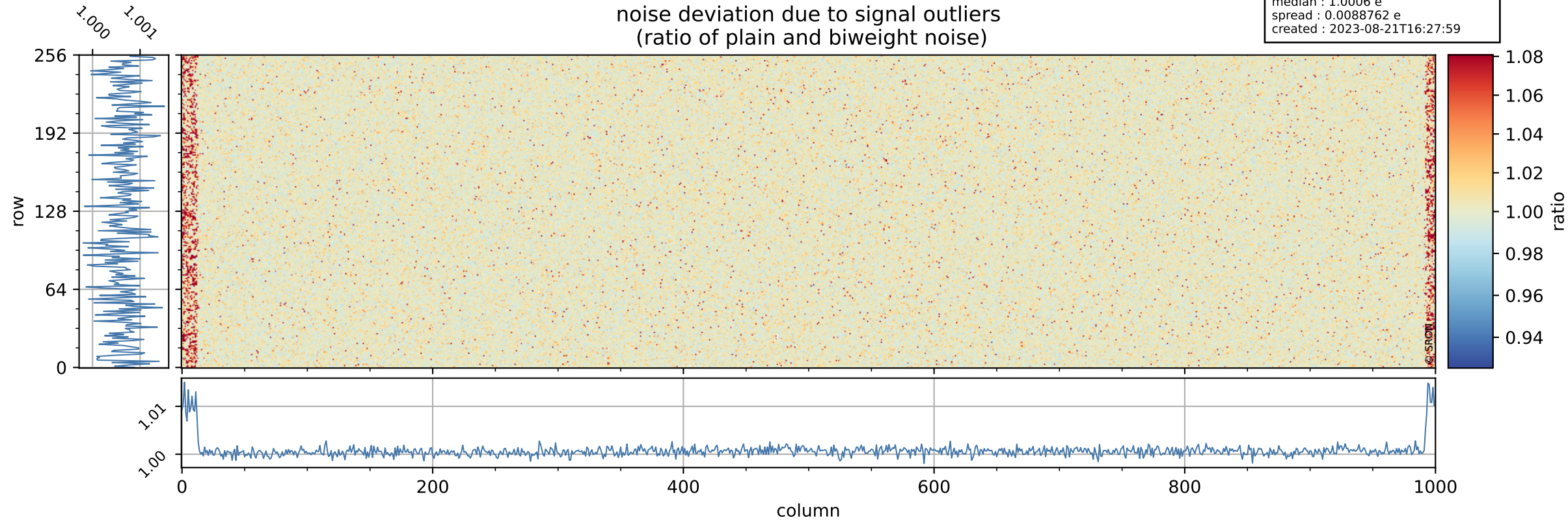
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

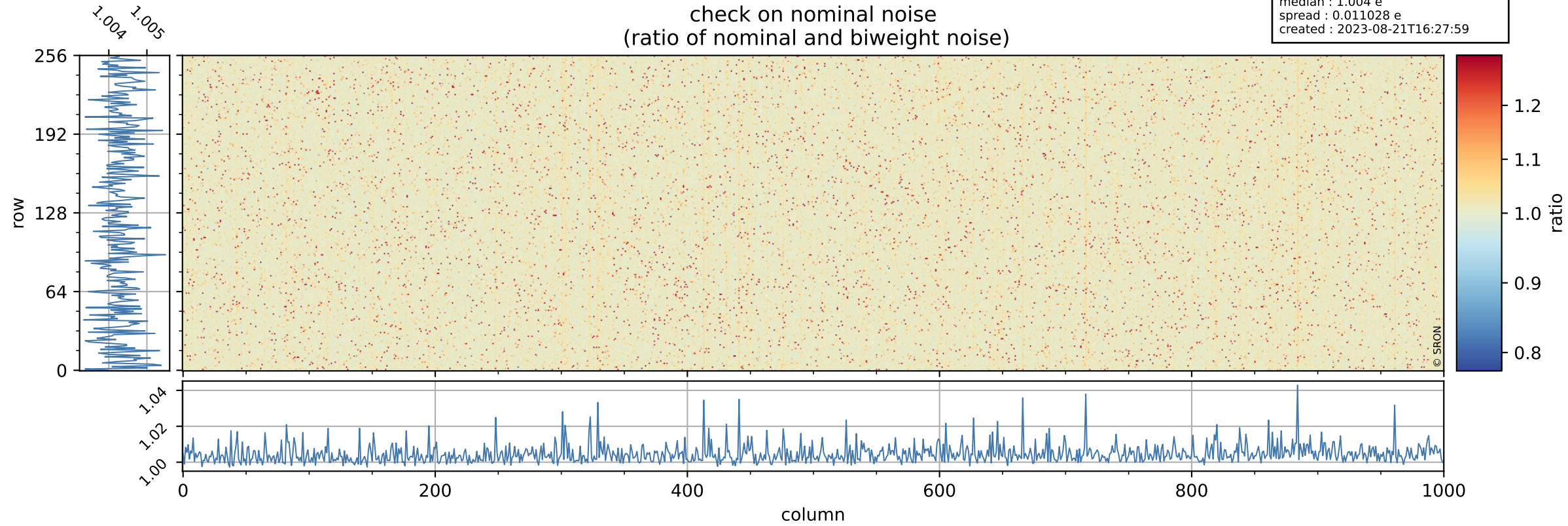
orbits : 13 in [22987, 23077]
coverage : 2022-03-21 / 2022-03-28
median : 1.0006 e
spread : 0.0088762 e
created : 2023-08-21T16:27:59



Tropomi SWIR background noise (swir)

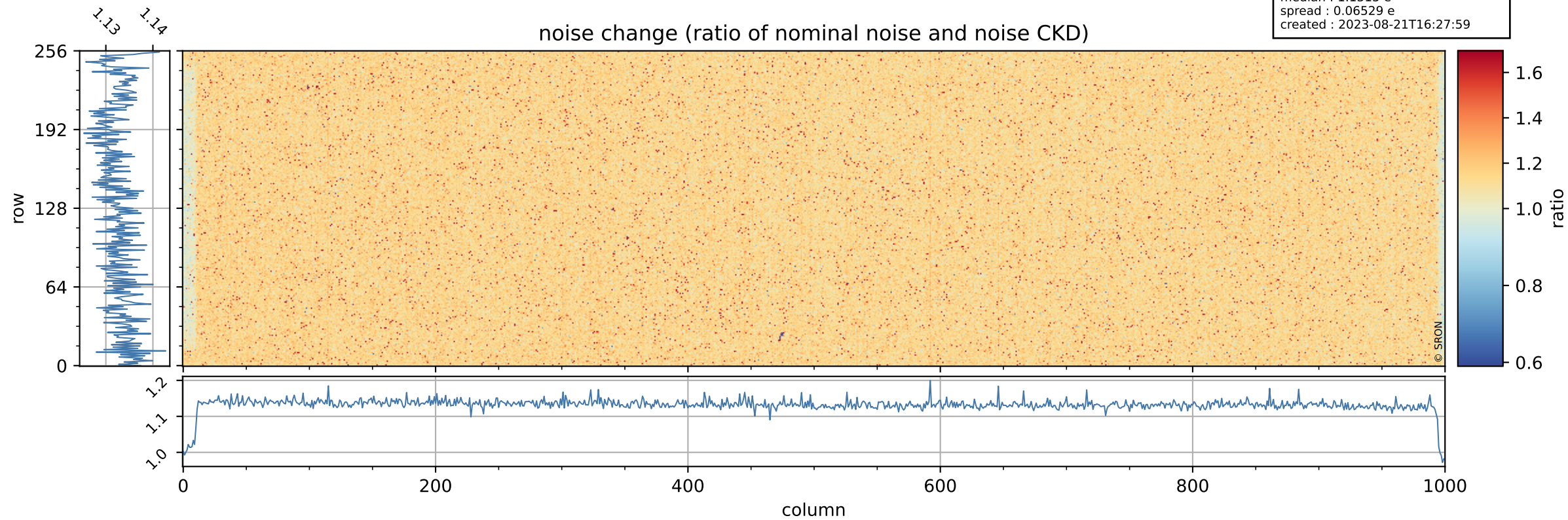
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [22987, 23077]
coverage : 2022-03-21 / 2022-03-28
median : 1.004 e
spread : 0.011028 e
created : 2023-08-21T16:27:59



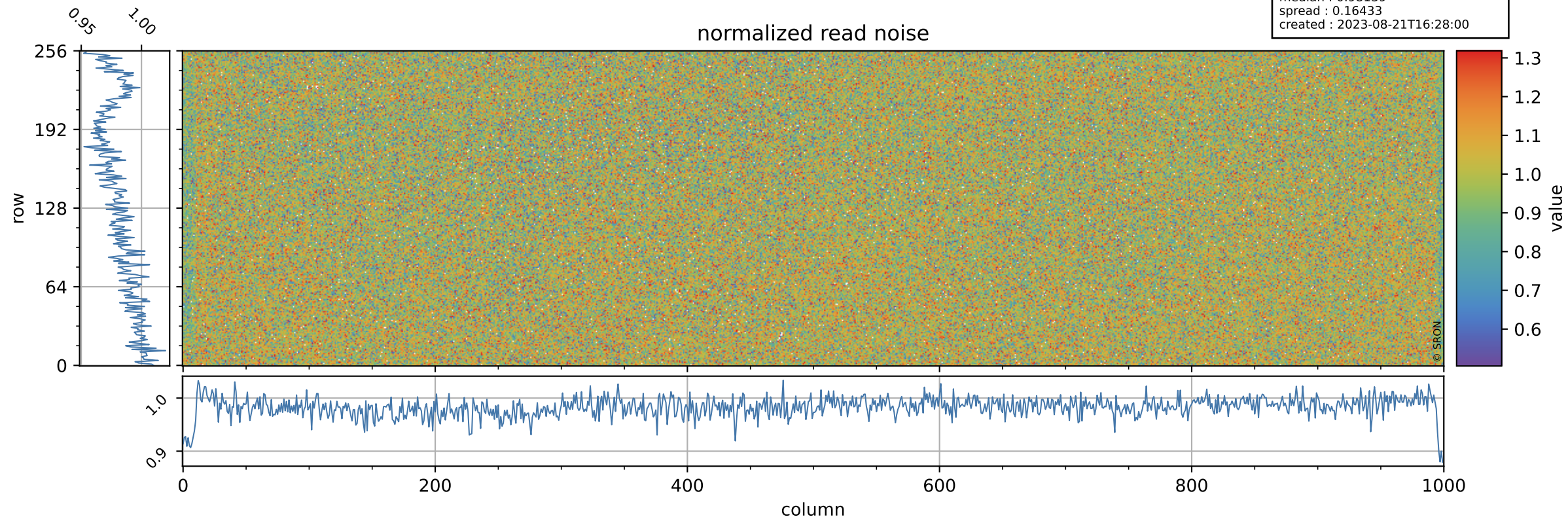
Tropomi SWIR background noise (swir)

orbits : 13 in [22987, 23077]
coverage : 2022-03-21 / 2022-03-28
median : 1.1315 e
spread : 0.06529 e
created : 2023-08-21T16:27:59



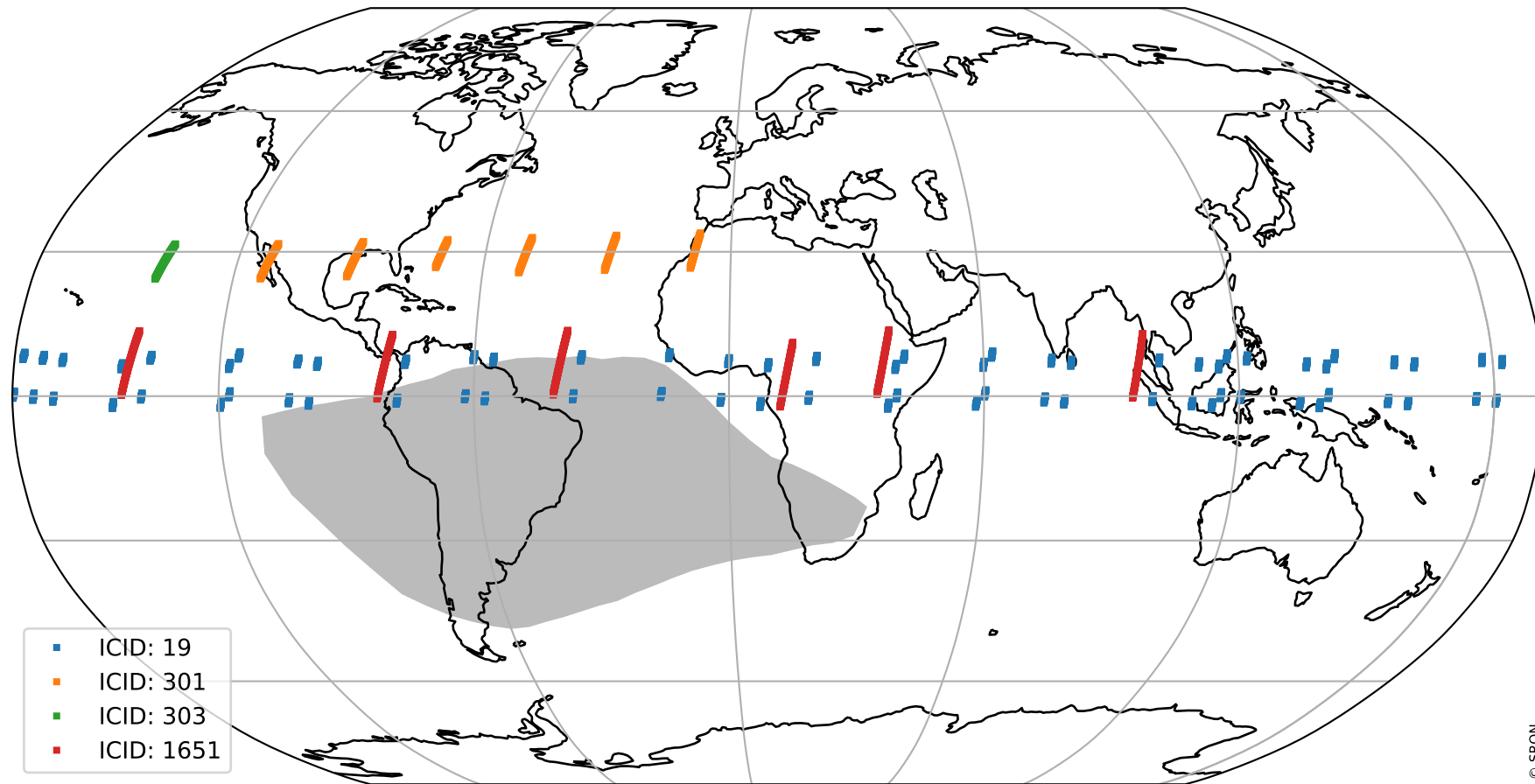
Tropomi SWIR background noise (swir)

orbits : 13 in [22987, 23077]
coverage : 2022-03-21 / 2022-03-28
median : 0.98139
spread : 0.16433
created : 2023-08-21T16:28:00



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

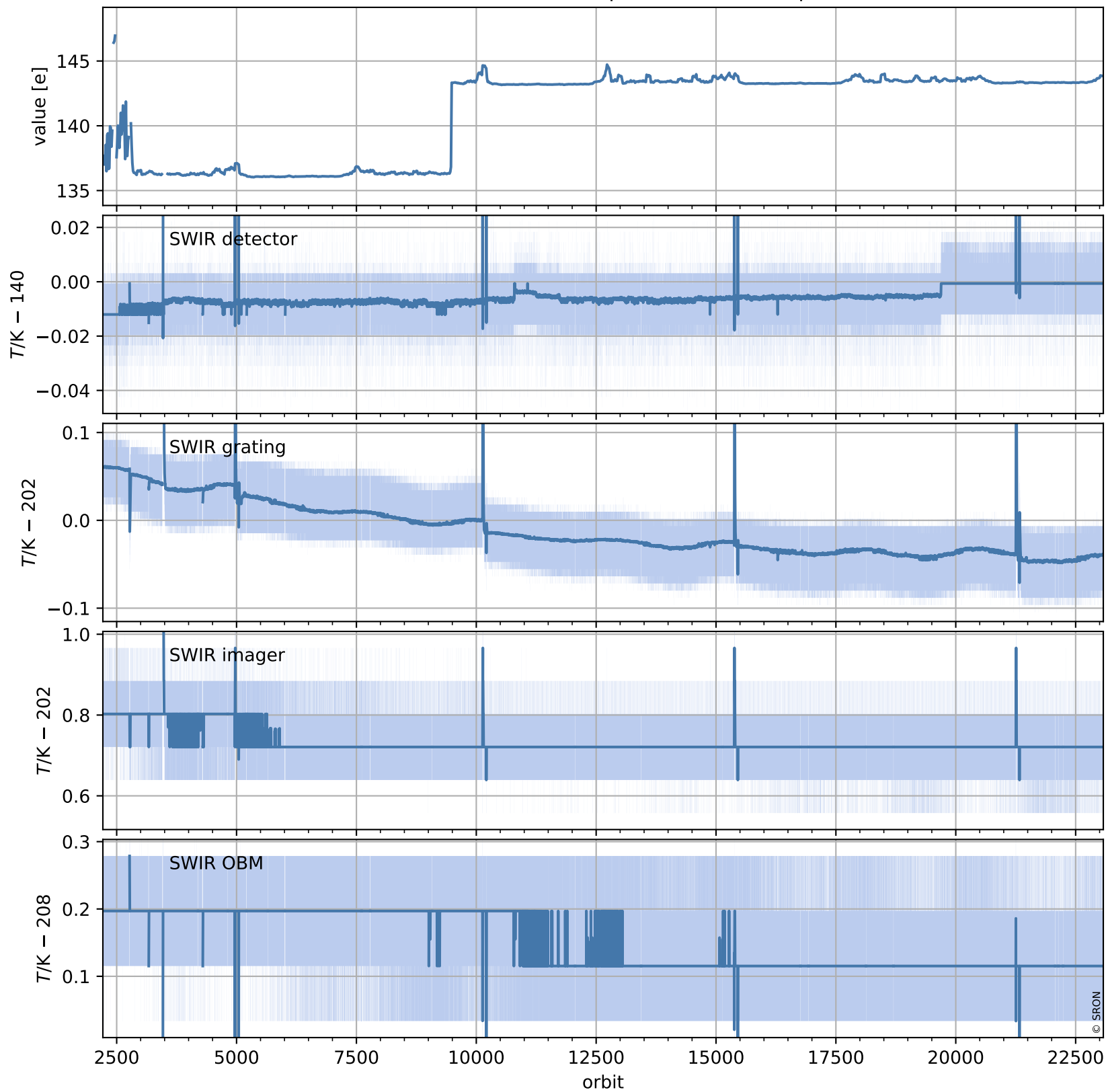
orbits : 13 in [22987, 23077]
coverage : 2022-03-21 / 2022-03-28
created : 2023-08-21T16:28:00



Tropomi SWIR background noise (swir)

orbits : [2212, 23077]
coverage : 2018-03-18 / 2022-03-28
created : 2023-08-21T16:28:00

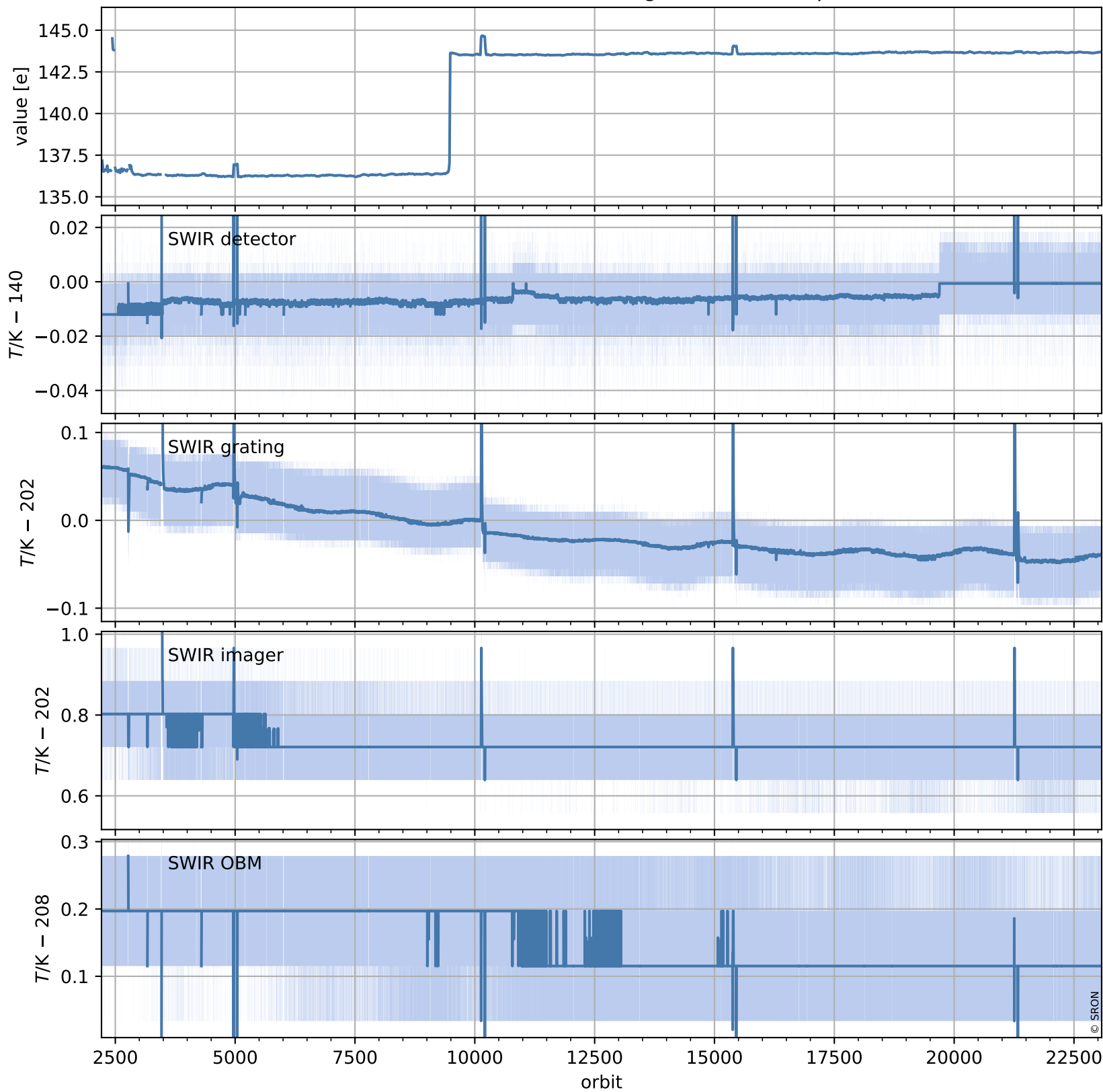
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23077]
coverage : 2018-03-18 / 2022-03-28
created : 2023-08-21T16:28:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23077]
coverage : 2018-03-18 / 2022-03-28
created : 2023-08-21T16:28:02

trend of normalized read-noise & temperatures

