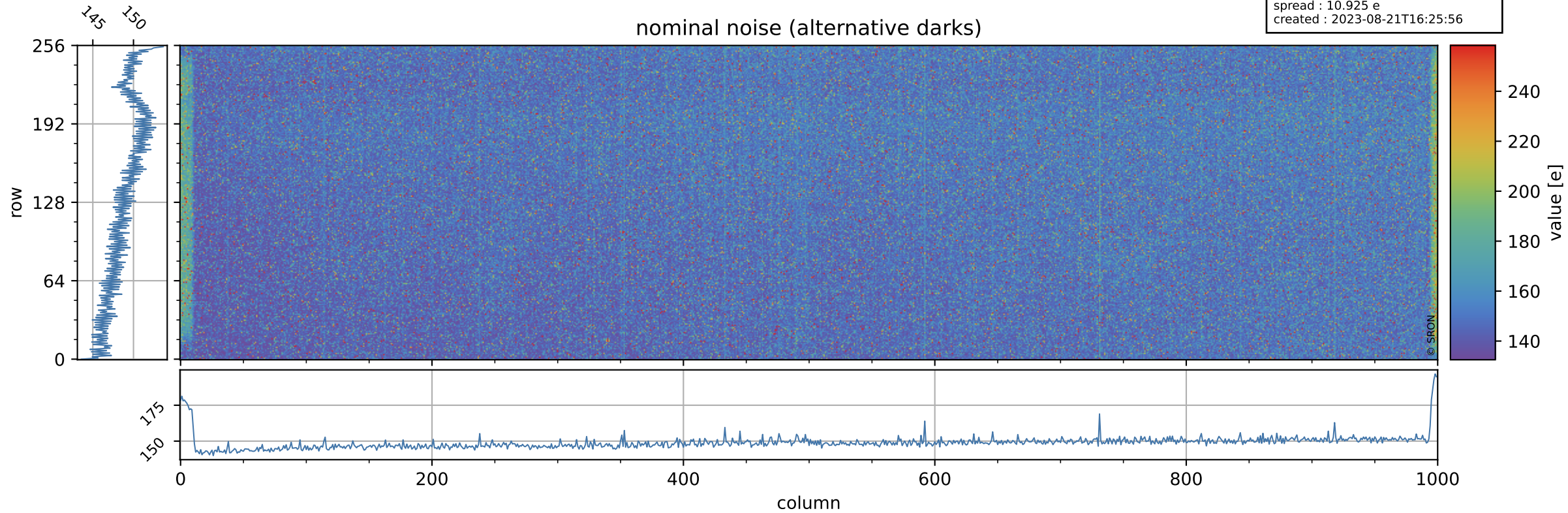


Tropomi SWIR background noise (swir)

orbits : 12 in [22672, 22762]
coverage : 2022-02-27 / 2022-03-05
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.925 e
created : 2023-08-21T16:25:56

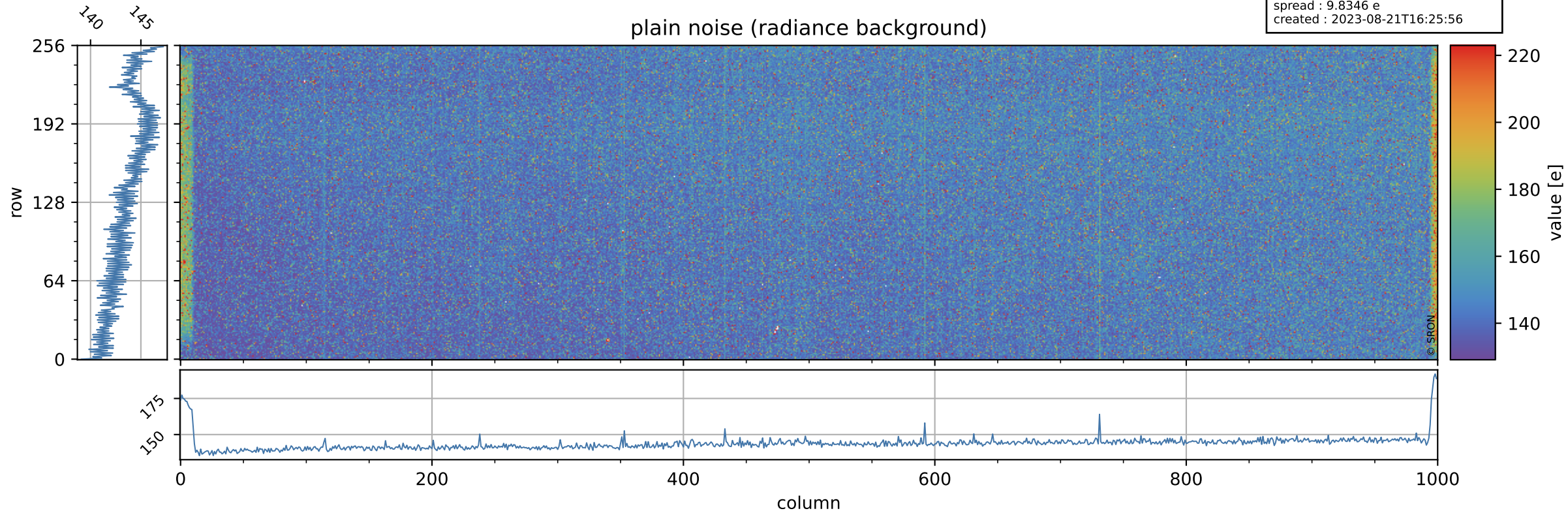
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22672, 22762]
coverage : 2022-02-27 / 2022-03-05
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8346 e
created : 2023-08-21T16:25:56

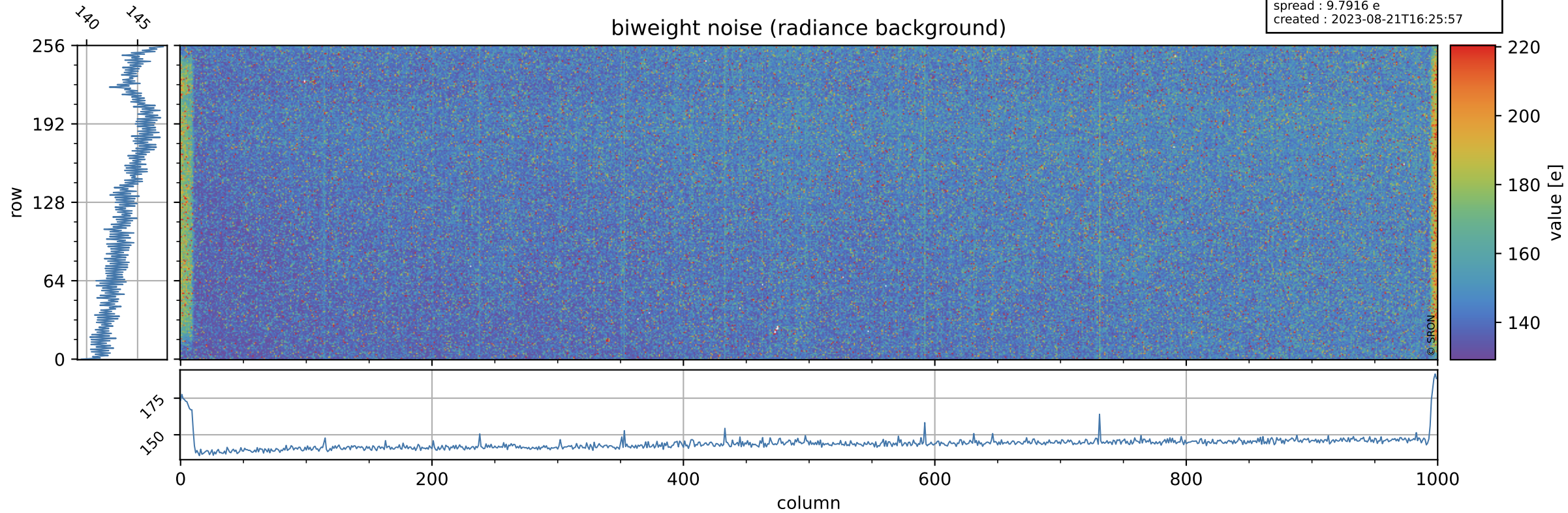
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22672, 22762]
coverage : 2022-02-27 / 2022-03-05
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.7916 e
created : 2023-08-21T16:25:57

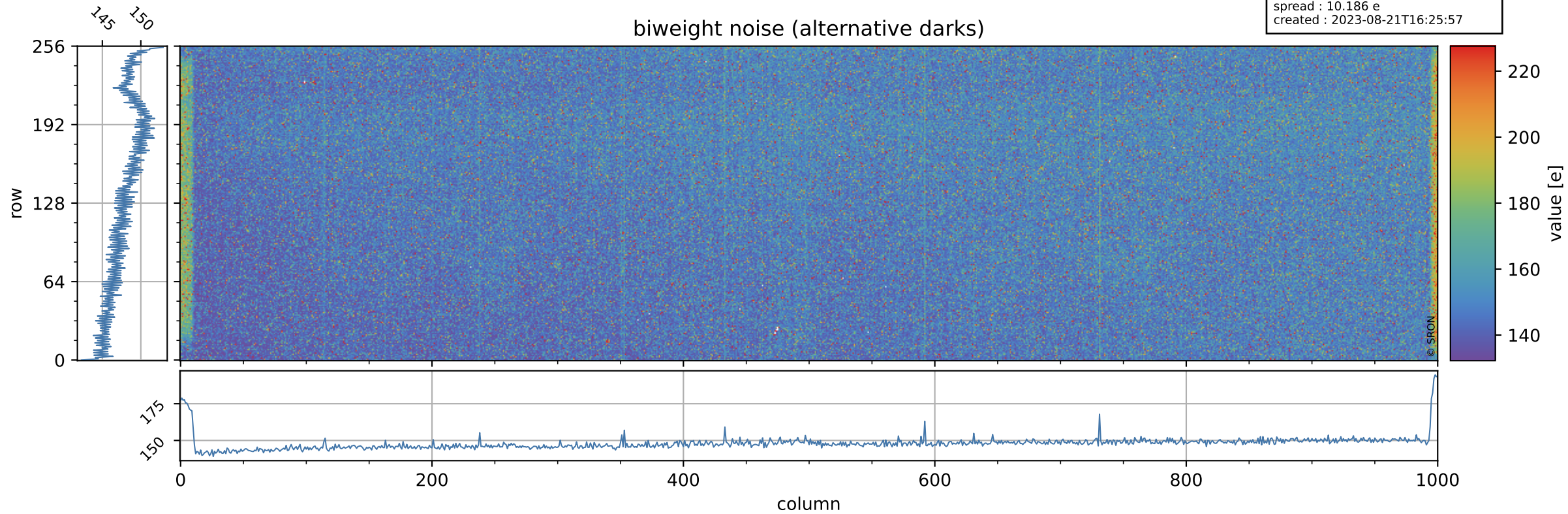
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22672, 22762]
coverage : 2022-02-27 / 2022-03-05
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.186 e
created : 2023-08-21T16:25:57

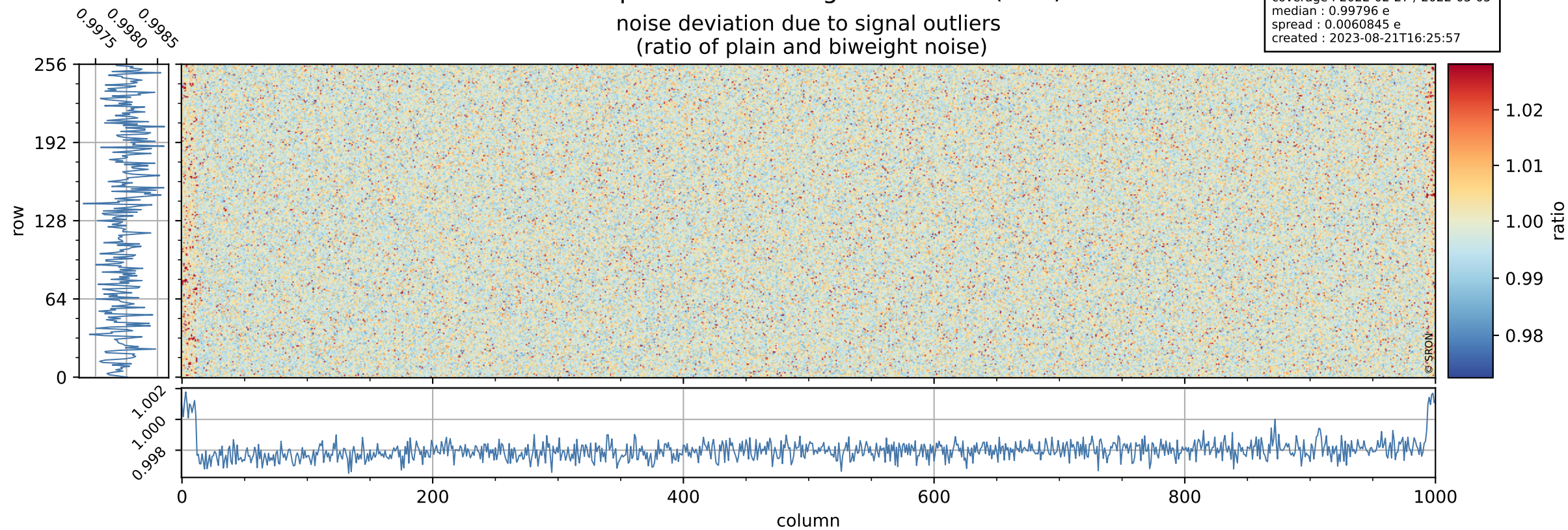
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

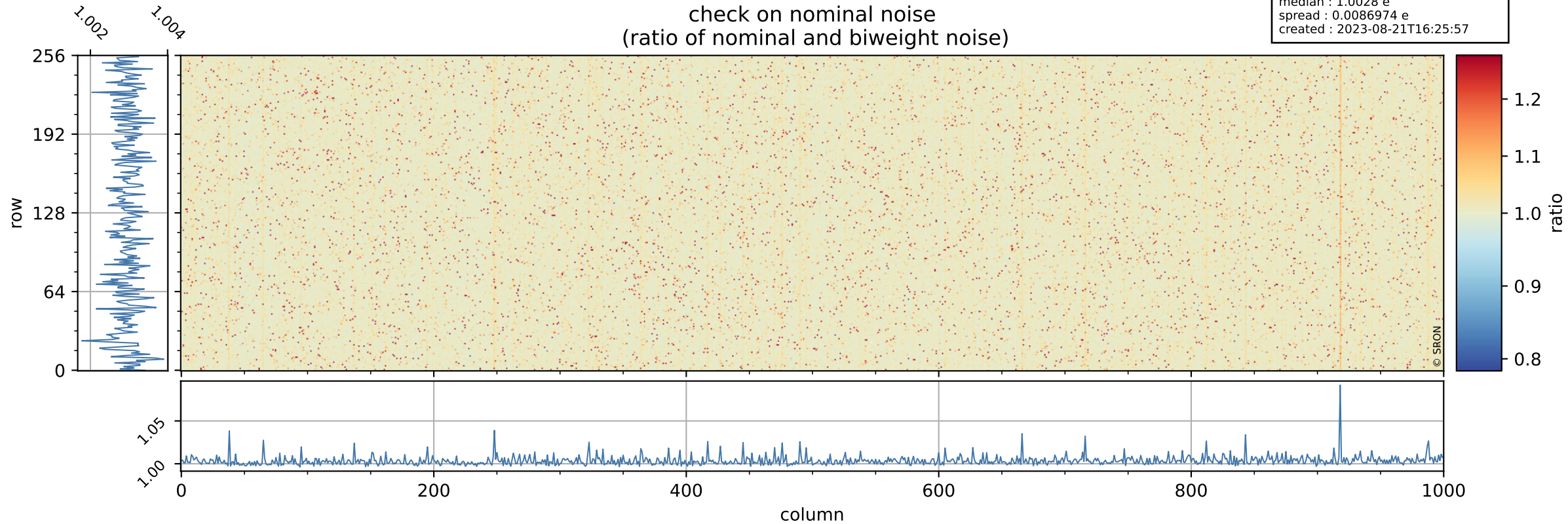
orbits : 12 in [22672, 22762]
coverage : 2022-02-27 / 2022-03-05
median : 0.99796 e
spread : 0.0060845 e
created : 2023-08-21T16:25:57



Tropomi SWIR background noise (swir)

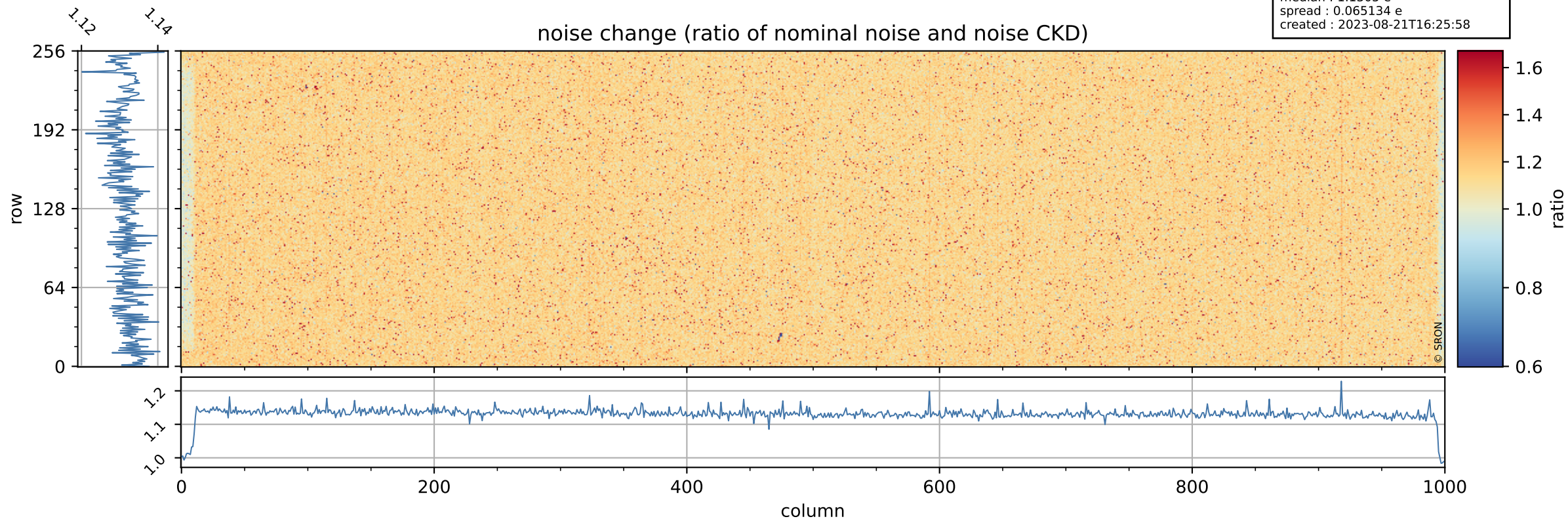
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22672, 22762]
coverage : 2022-02-27 / 2022-03-05
median : 1.0028 e
spread : 0.0086974 e
created : 2023-08-21T16:25:57



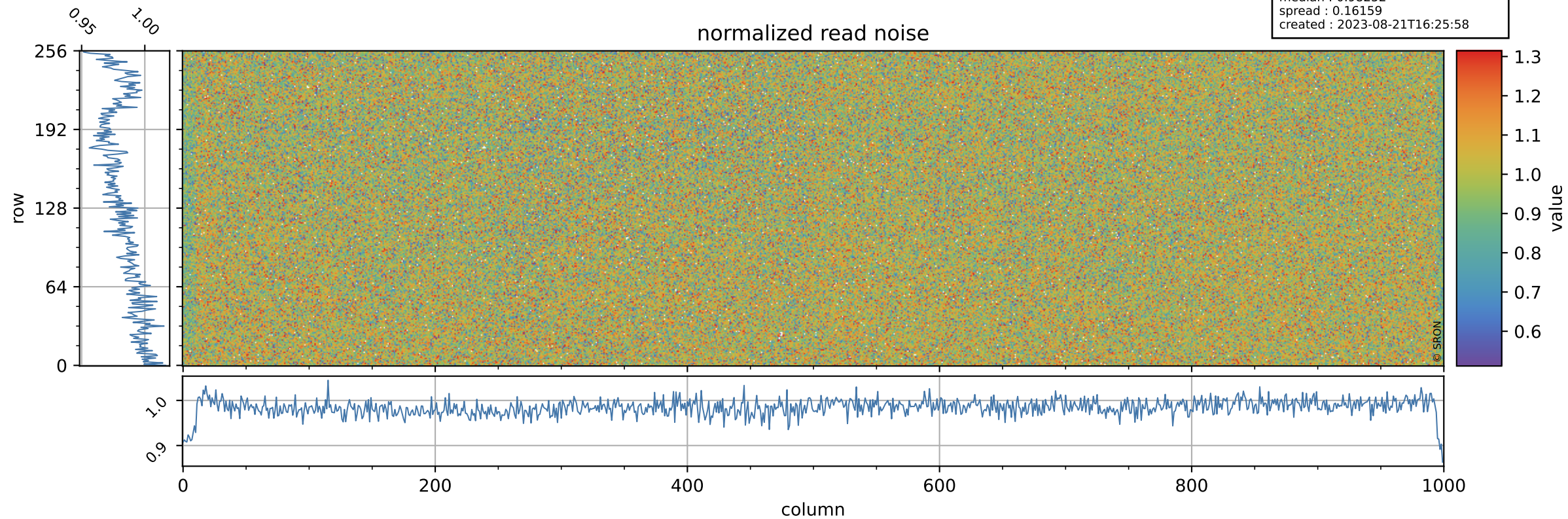
Tropomi SWIR background noise (swir)

orbits : 12 in [22672, 22762]
coverage : 2022-02-27 / 2022-03-05
median : 1.1305 e
spread : 0.065134 e
created : 2023-08-21T16:25:58



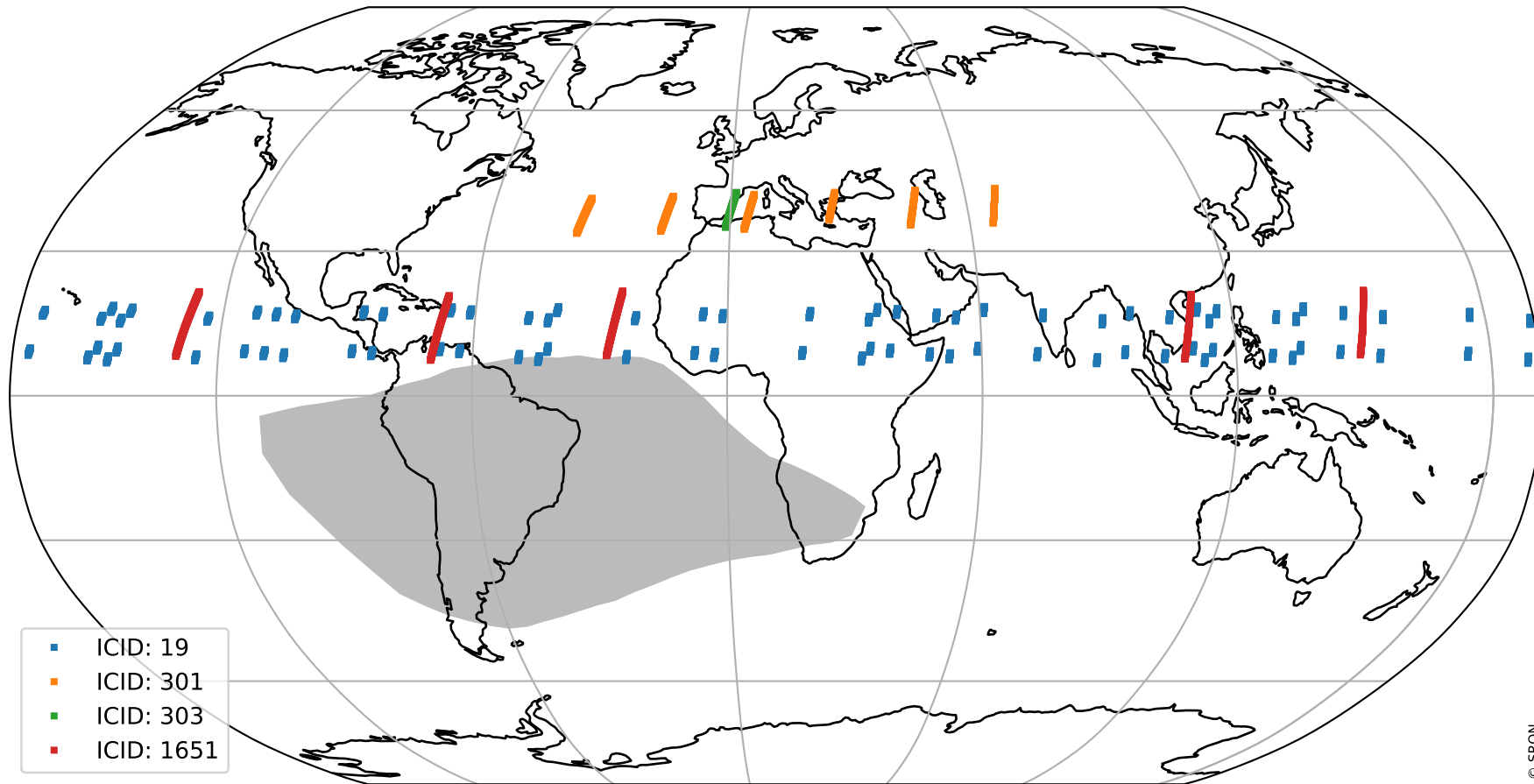
Tropomi SWIR background noise (swir)

orbits : 12 in [22672, 22762]
coverage : 2022-02-27 / 2022-03-05
median : 0.98252
spread : 0.16159
created : 2023-08-21T16:25:58



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

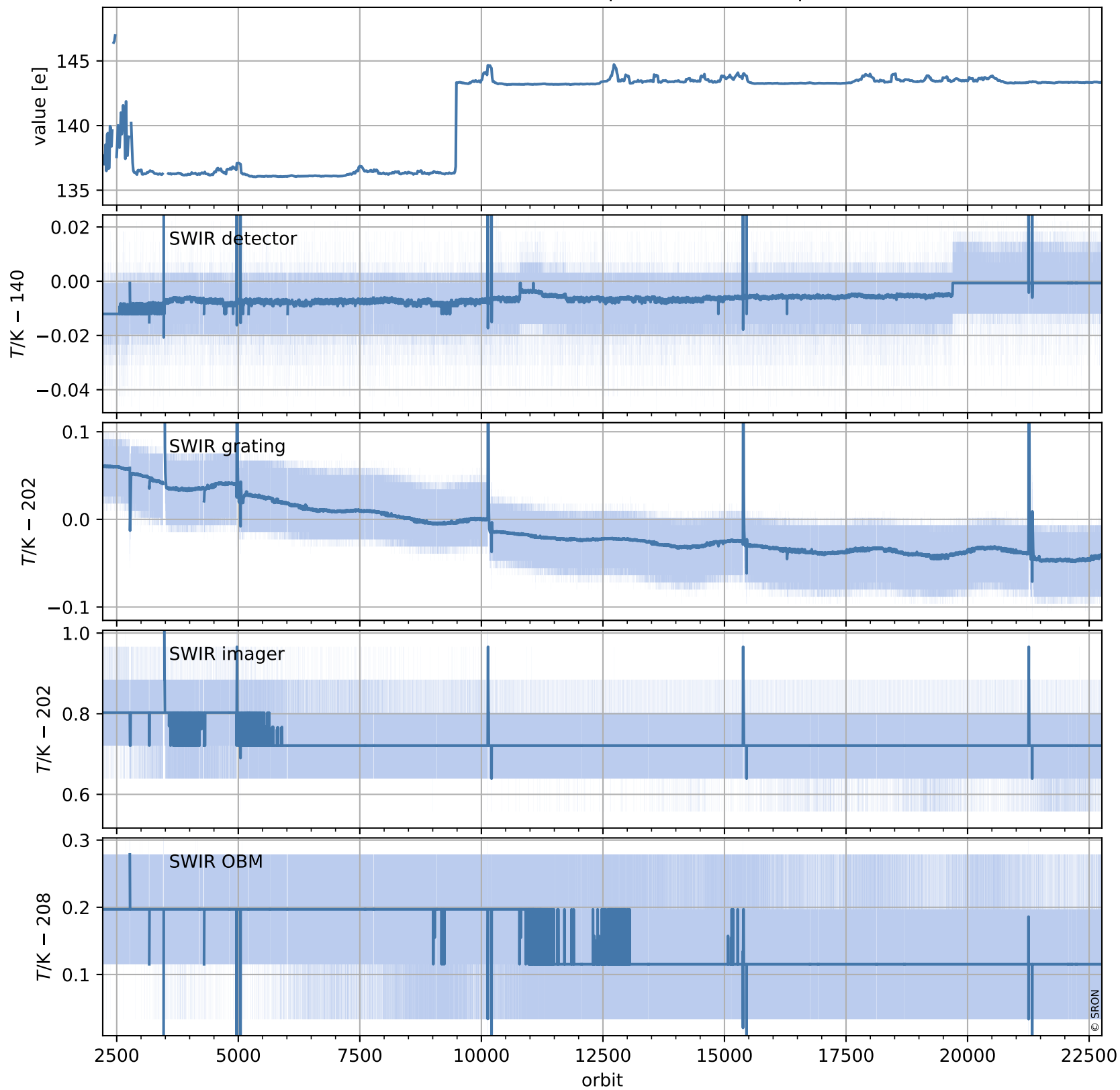
orbits : 12 in [22672, 22762]
coverage : 2022-02-27 / 2022-03-05
created : 2023-08-21T16:25:58



Tropomi SWIR background noise (swir)

orbits : [2212, 22762]
coverage : 2018-03-18 / 2022-03-05
created : 2023-08-21T16:25:59

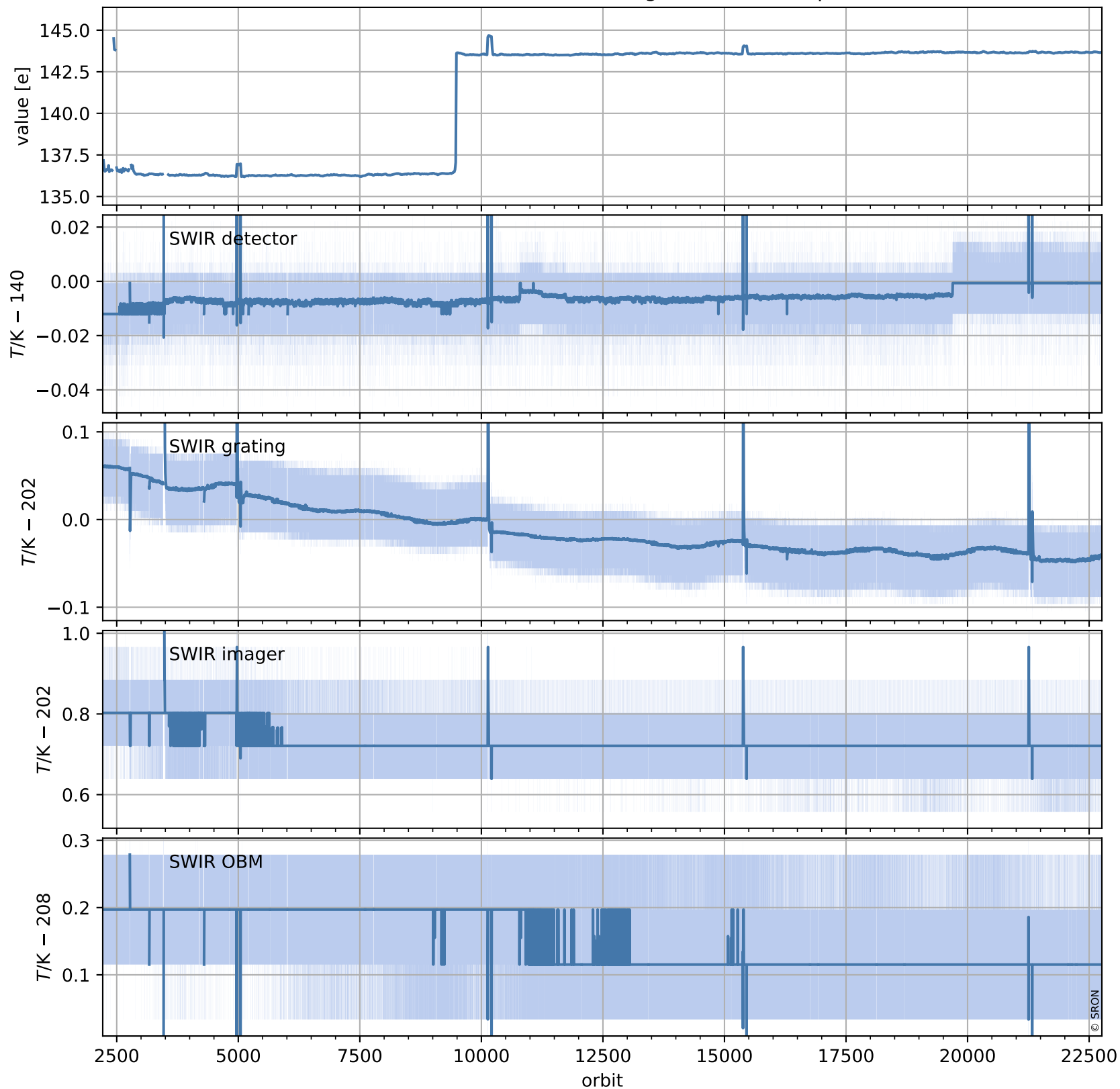
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22762]
coverage : 2018-03-18 / 2022-03-05
created : 2023-08-21T16:26:00

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22762]
coverage : 2018-03-18 / 2022-03-05
created : 2023-08-21T16:26:01

trend of normalized read-noise & temperatures

