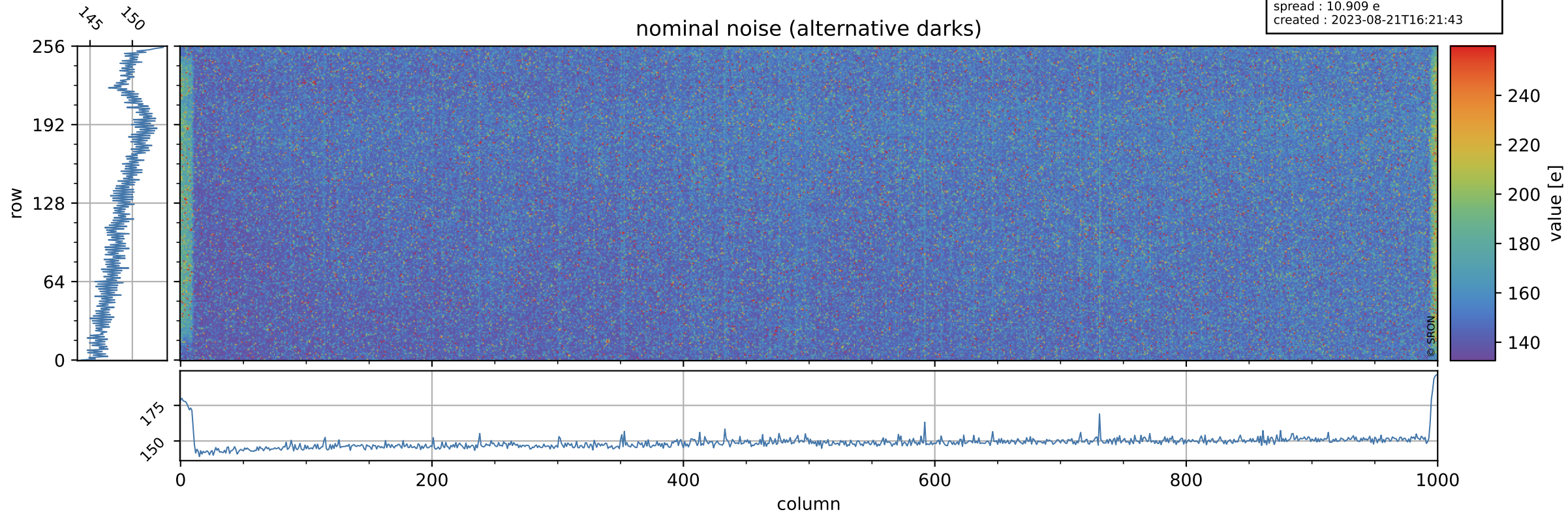


Tropomi SWIR background noise (swir)

orbits : 12 in [22012, 22102]
coverage : 2022-01-12 / 2022-01-18
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 10.909 e
created : 2023-08-21T16:21:43

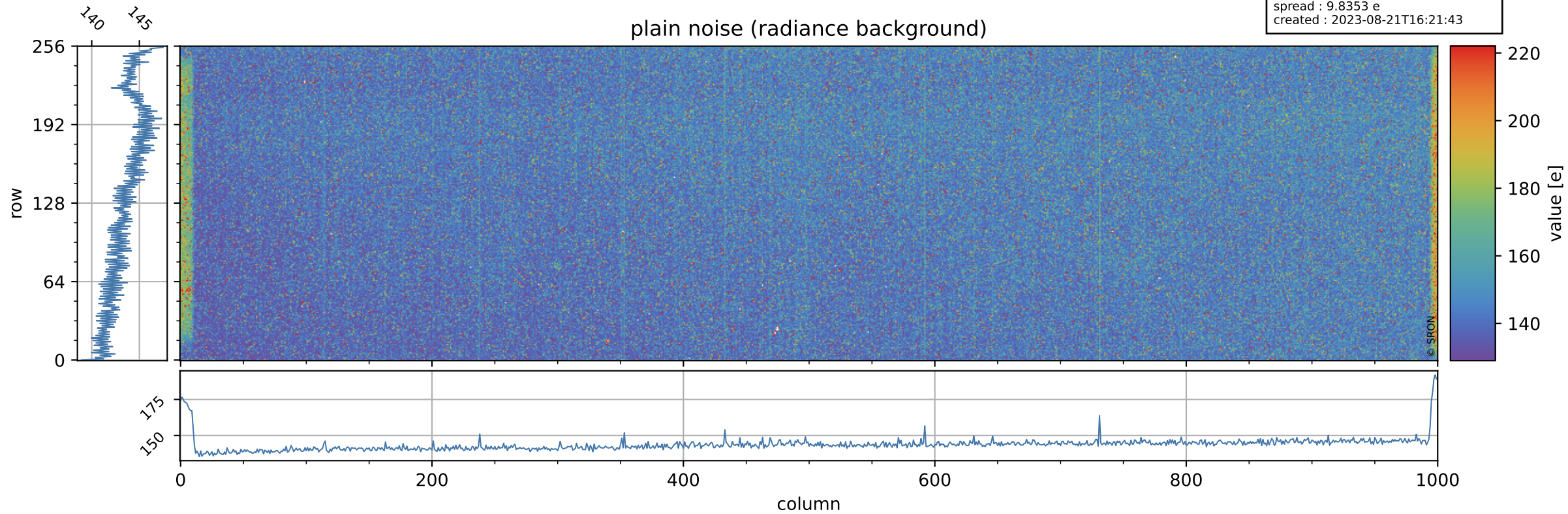
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22012, 22102]
coverage : 2022-01-12 / 2022-01-18
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8353 e
created : 2023-08-21T16:21:43

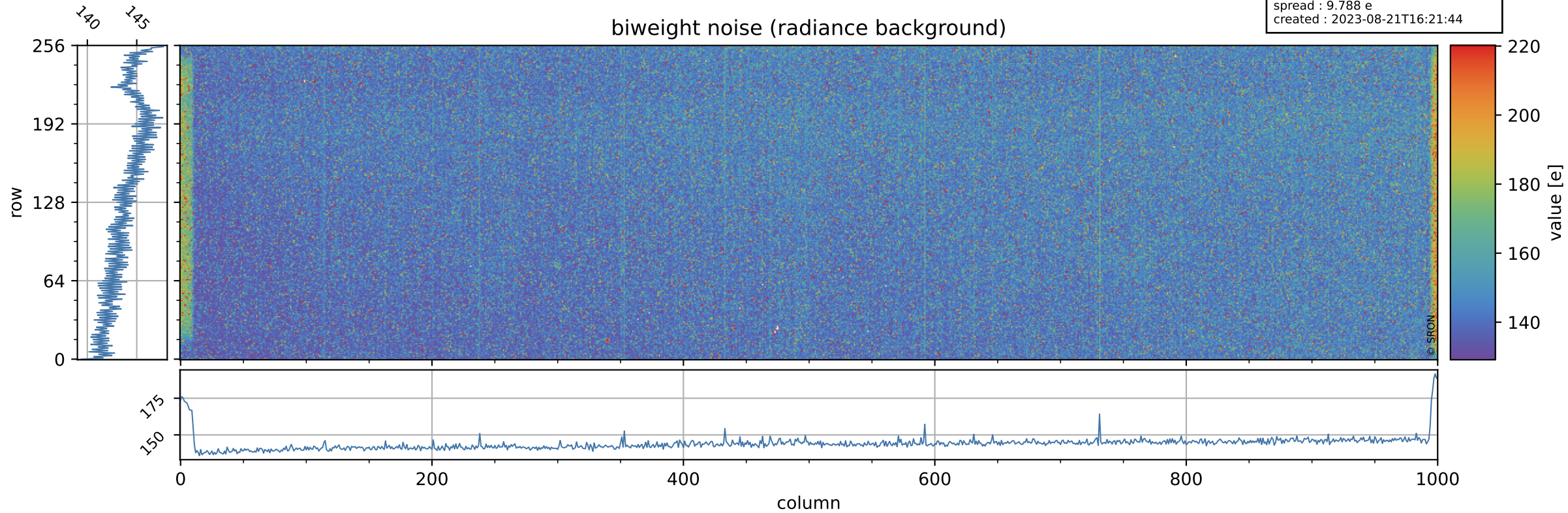
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22012, 22102]
coverage : 2022-01-12 / 2022-01-18
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.788 e
created : 2023-08-21T16:21:44

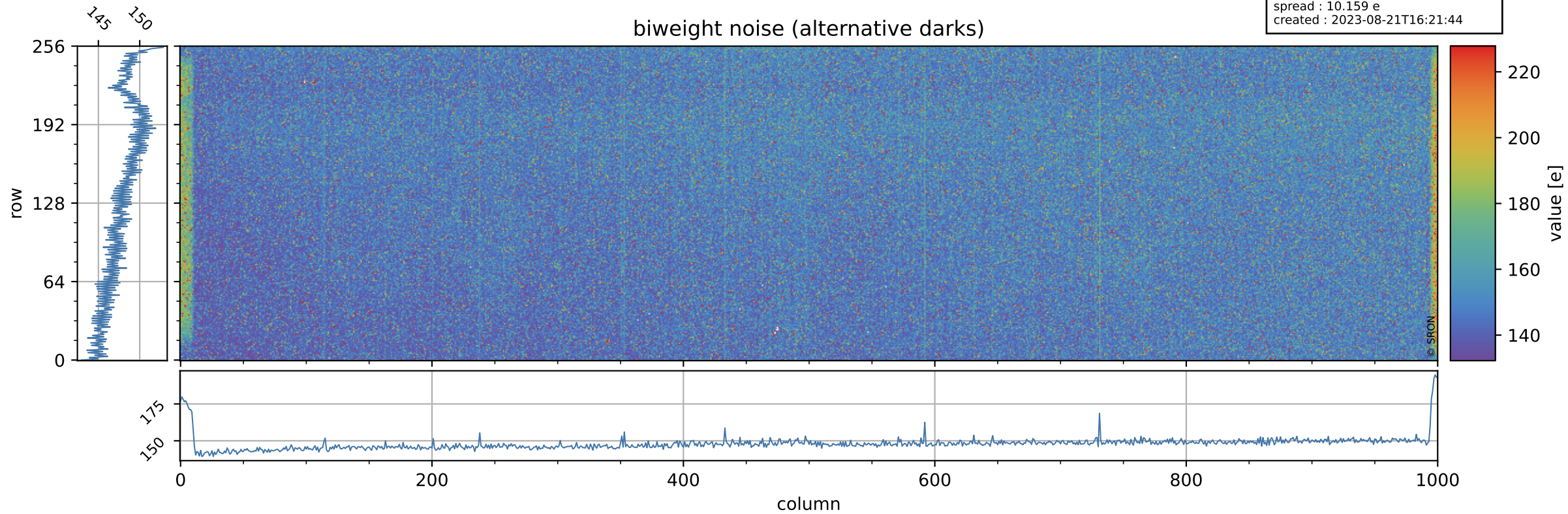
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22012, 22102]
coverage : 2022-01-12 / 2022-01-18
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.159 e
created : 2023-08-21T16:21:44

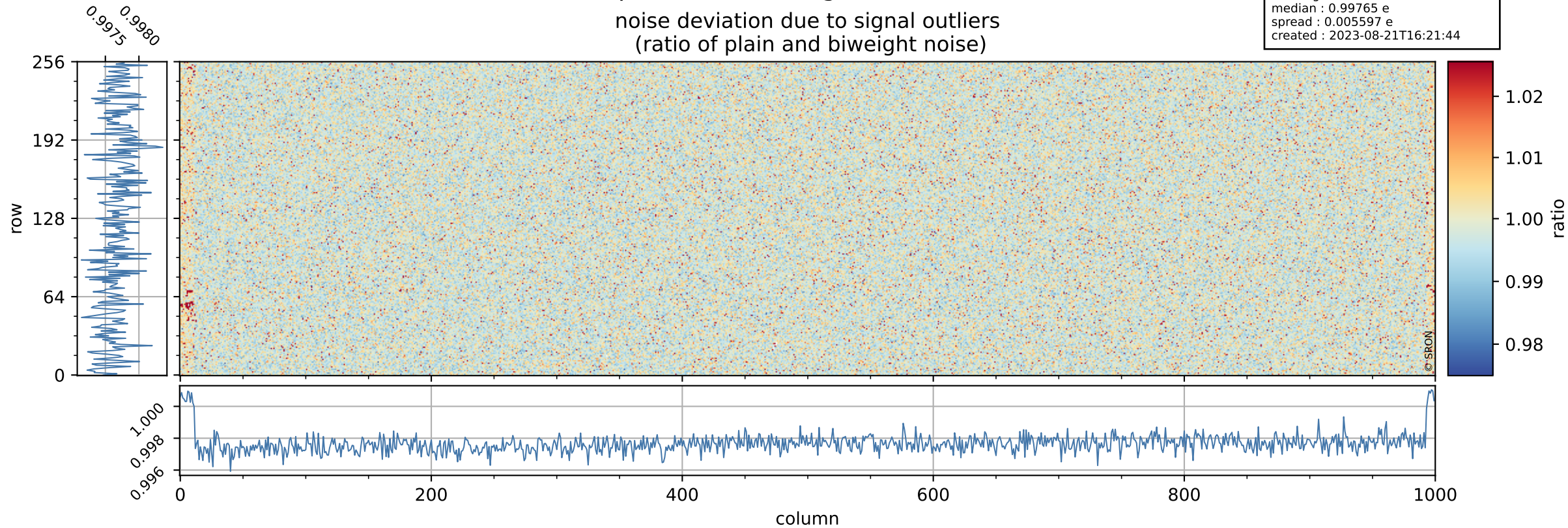
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

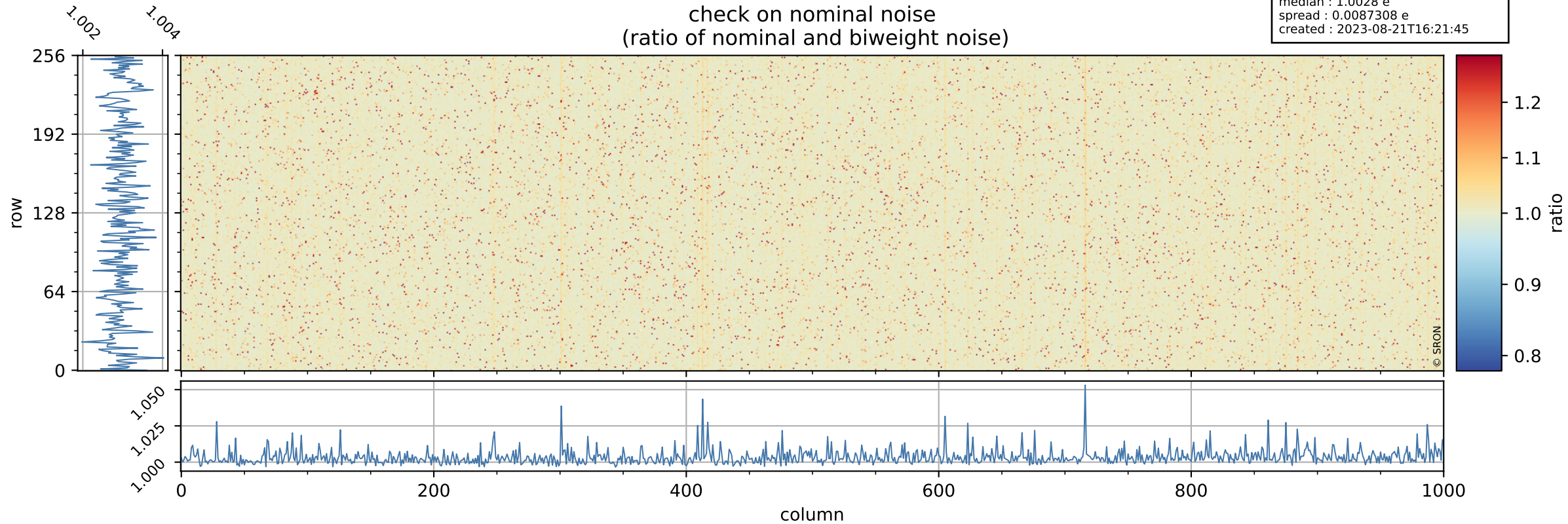
orbits : 12 in [22012, 22102]
coverage : 2022-01-12 / 2022-01-18
median : 0.99765 e
spread : 0.005597 e
created : 2023-08-21T16:21:44



Tropomi SWIR background noise (swir)

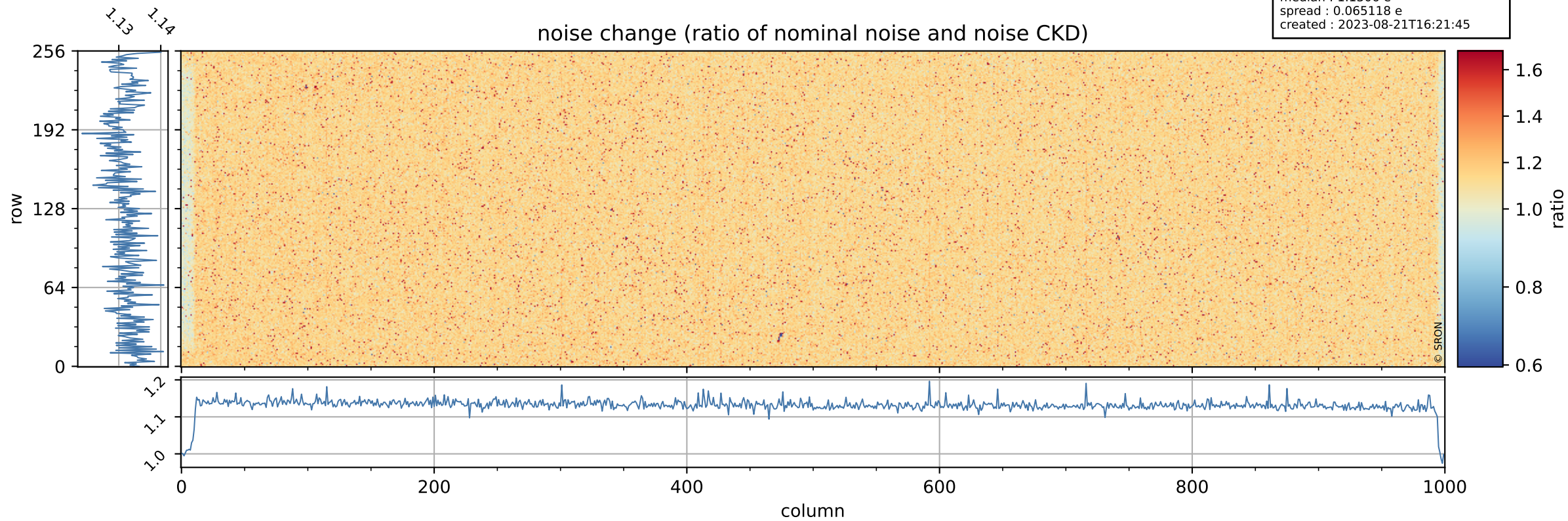
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22012, 22102]
coverage : 2022-01-12 / 2022-01-18
median : 1.0028 e
spread : 0.0087308 e
created : 2023-08-21T16:21:45



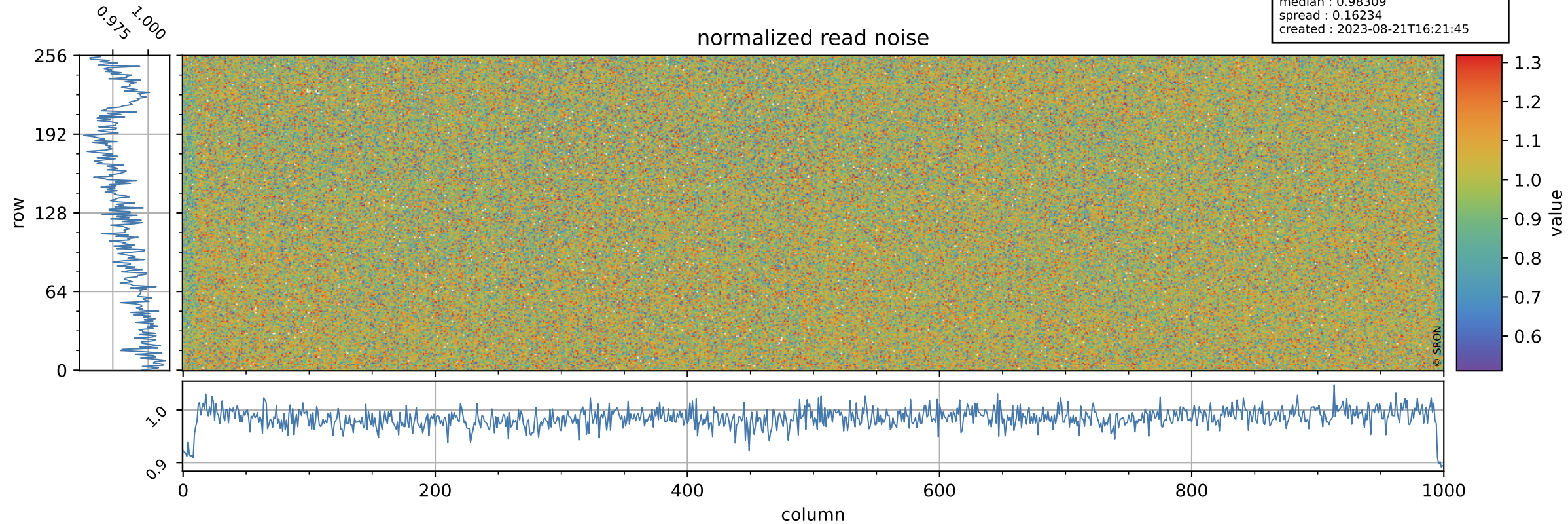
Tropomi SWIR background noise (swir)

orbits : 12 in [22012, 22102]
coverage : 2022-01-12 / 2022-01-18
median : 1.1306 e
spread : 0.065118 e
created : 2023-08-21T16:21:45



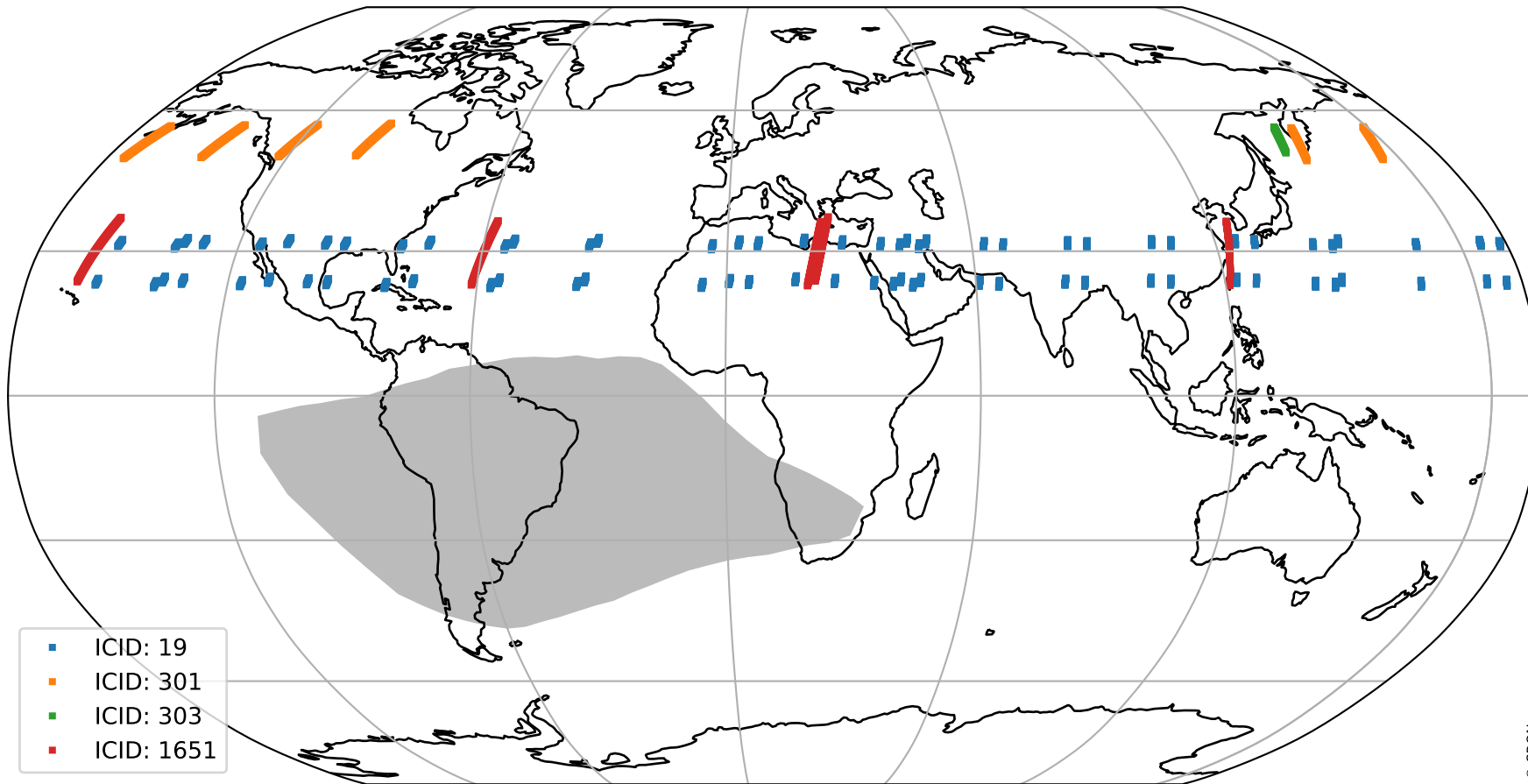
Tropomi SWIR background noise (swir)

orbits : 12 in [22012, 22102]
coverage : 2022-01-12 / 2022-01-18
median : 0.98309
spread : 0.16234
created : 2023-08-21T16:21:45



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

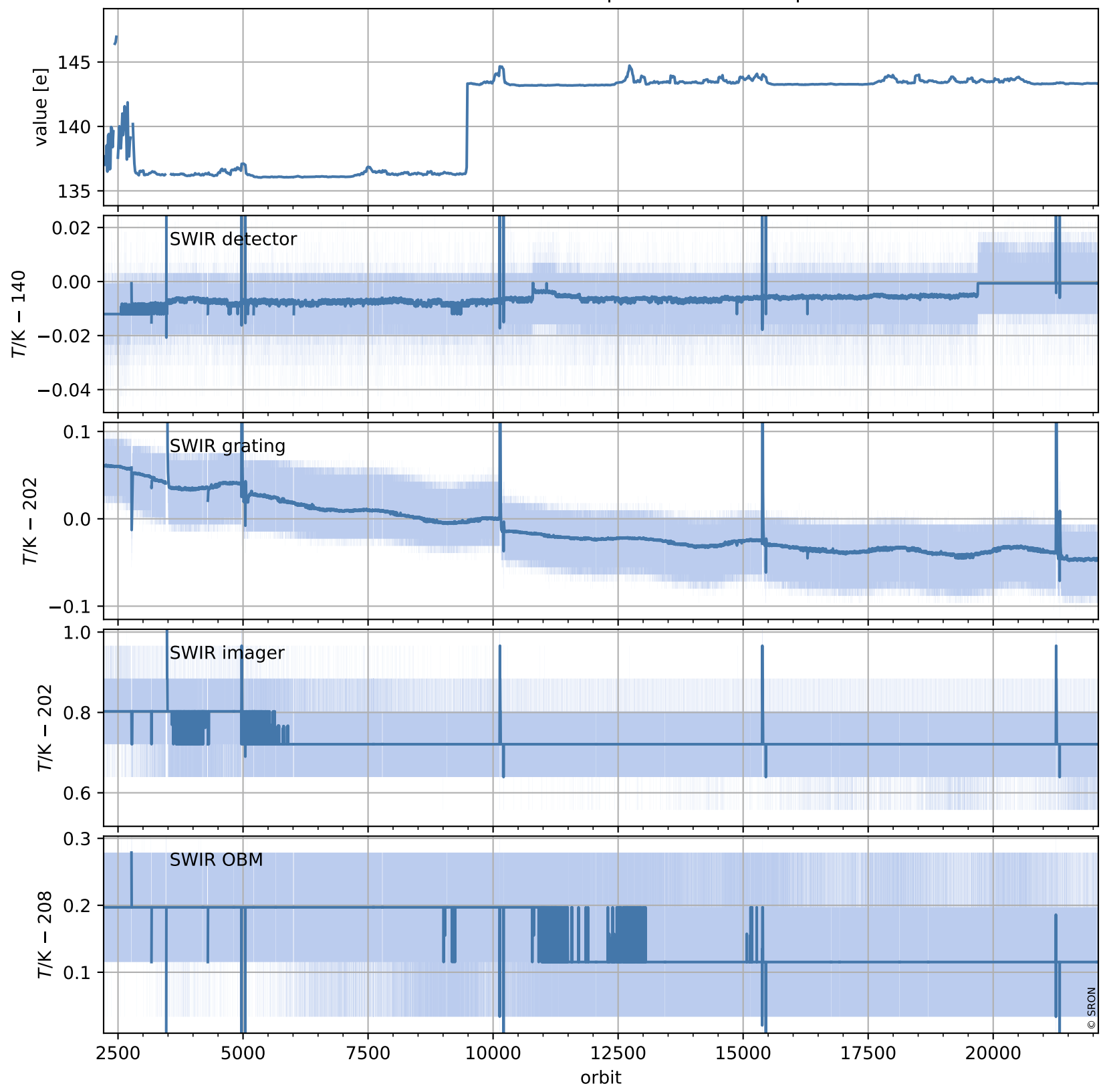
orbits : 12 in [22012, 22102]
coverage : 2022-01-12 / 2022-01-18
created : 2023-08-21T16:21:45



Tropomi SWIR background noise (swir)

orbits : [2212, 22102]
coverage : 2018-03-18 / 2022-01-18
created : 2023-08-21T16:21:46

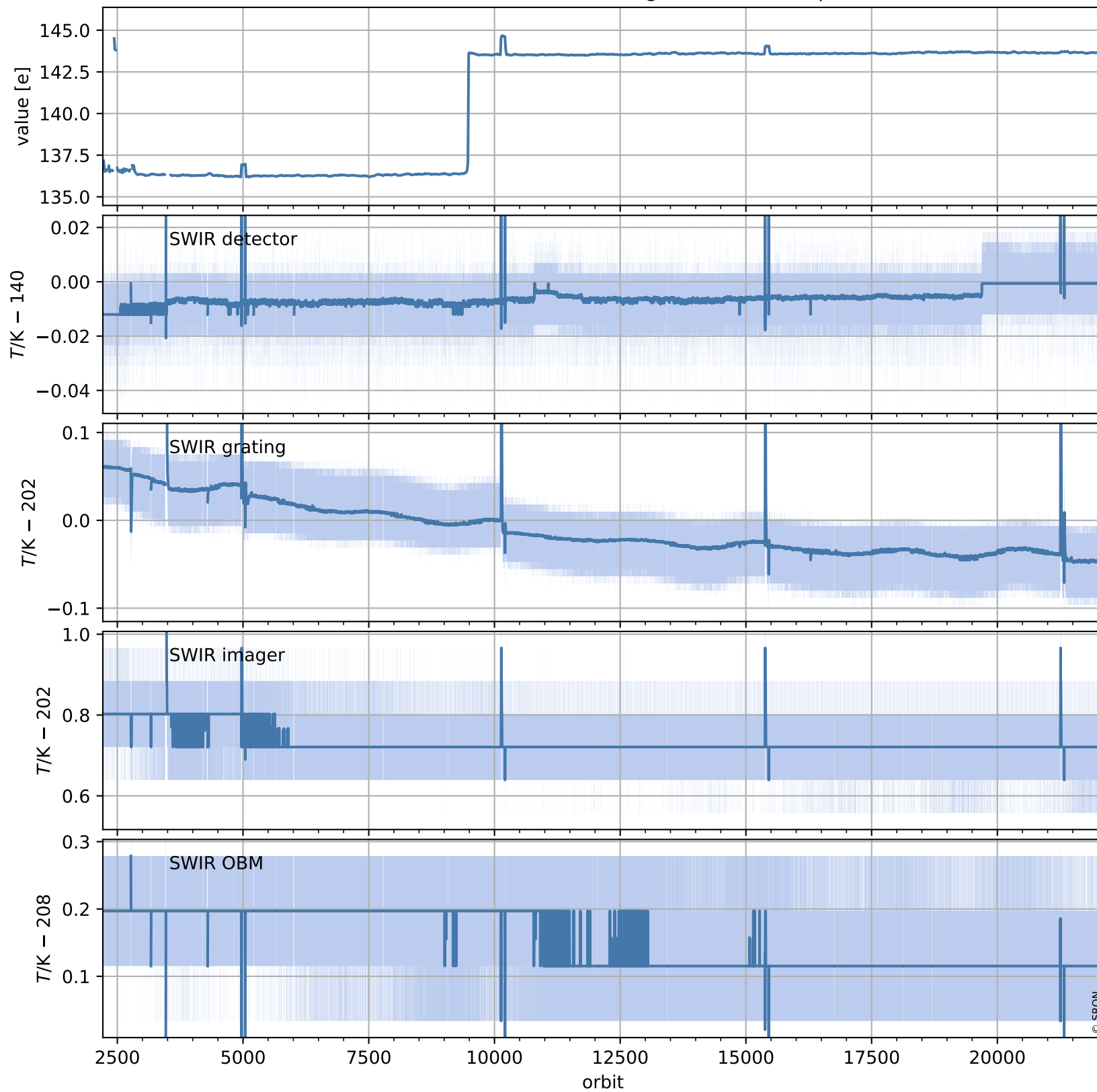
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22102]
coverage : 2018-03-18 / 2022-01-18
created : 2023-08-21T16:21:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22102]
coverage : 2018-03-18 / 2022-01-18
created : 2023-08-21T16:21:48

trend of normalized read-noise & temperatures

