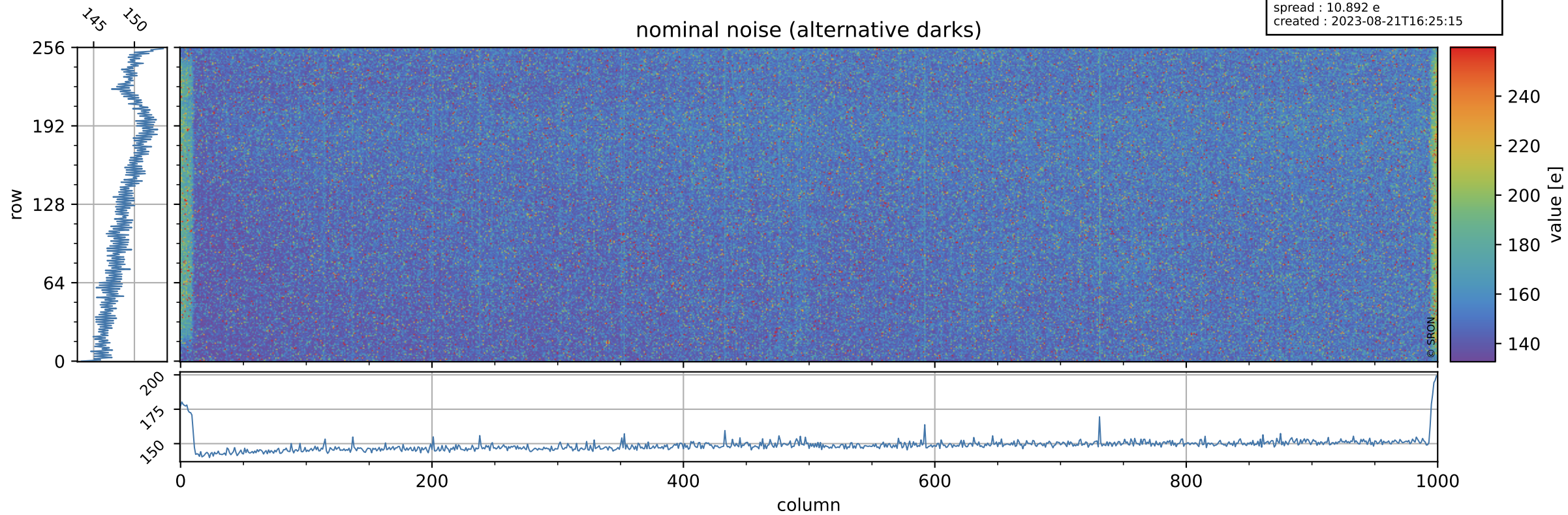


Tropomi SWIR background noise (swir)

orbits : 13 in [22567, 22657]
coverage : 2022-02-20 / 2022-02-26
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 10.892 e
created : 2023-08-21T16:25:15

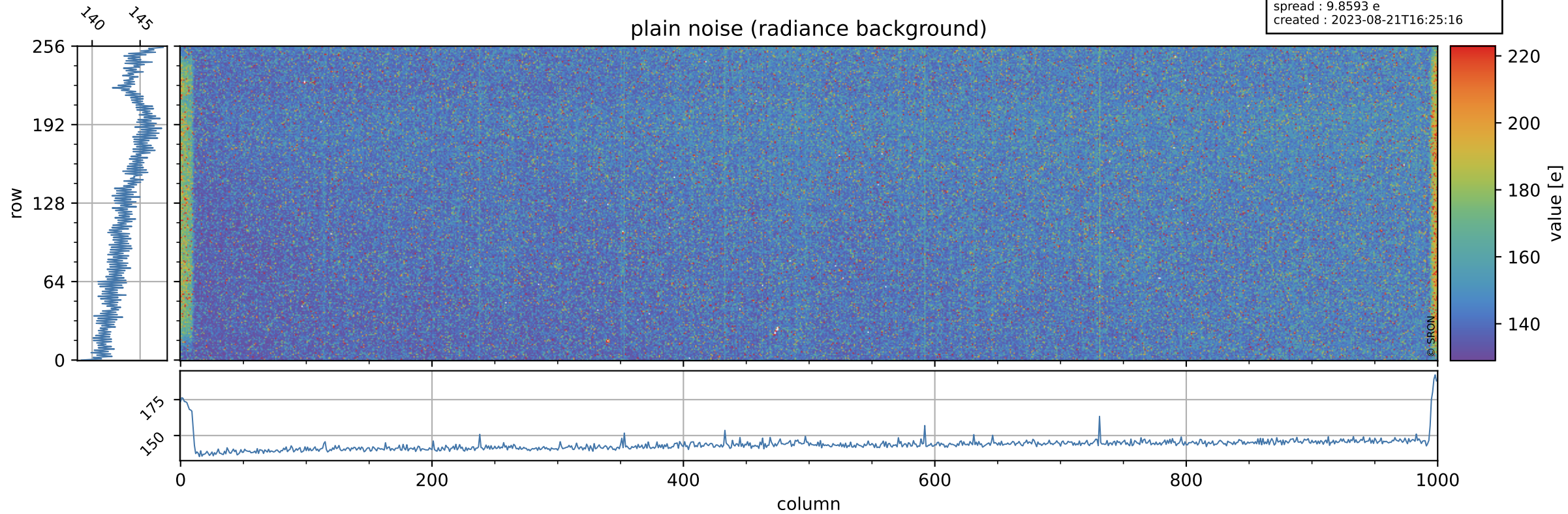
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [22567, 22657]
coverage : 2022-02-20 / 2022-02-26
n_coad, t_exp : 1, 0.8383
median : 143.51 e
spread : 9.8593 e
created : 2023-08-21T16:25:16

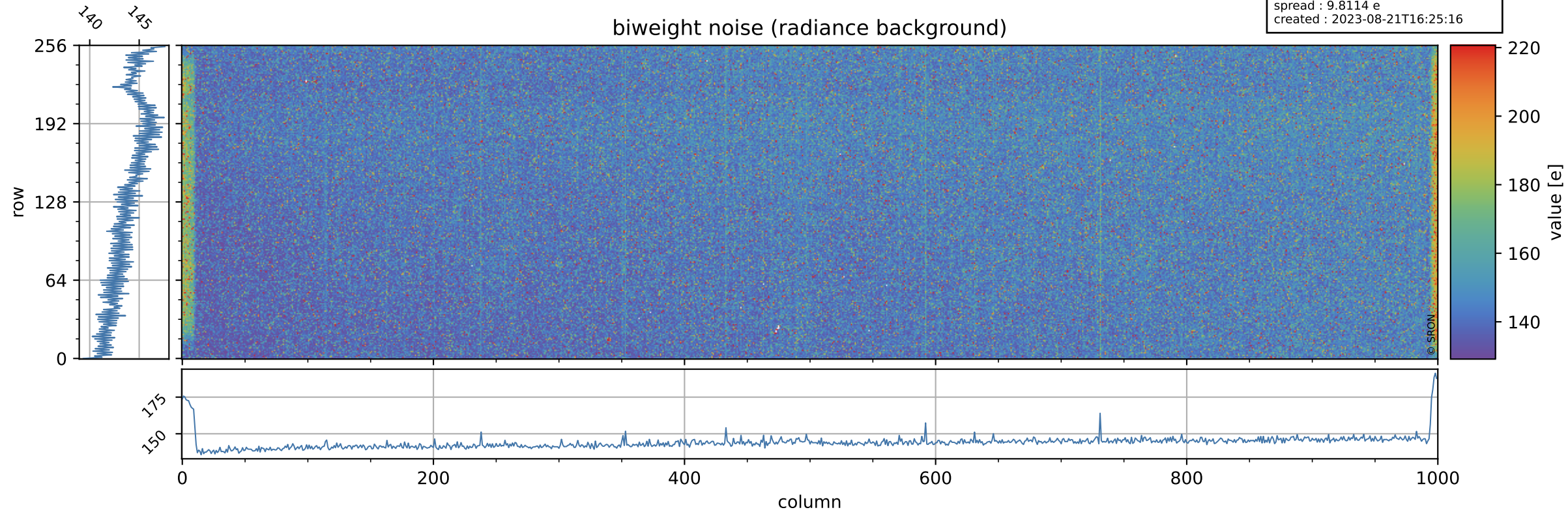
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22567, 22657]
coverage : 2022-02-20 / 2022-02-26
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.8114 e
created : 2023-08-21T16:25:16

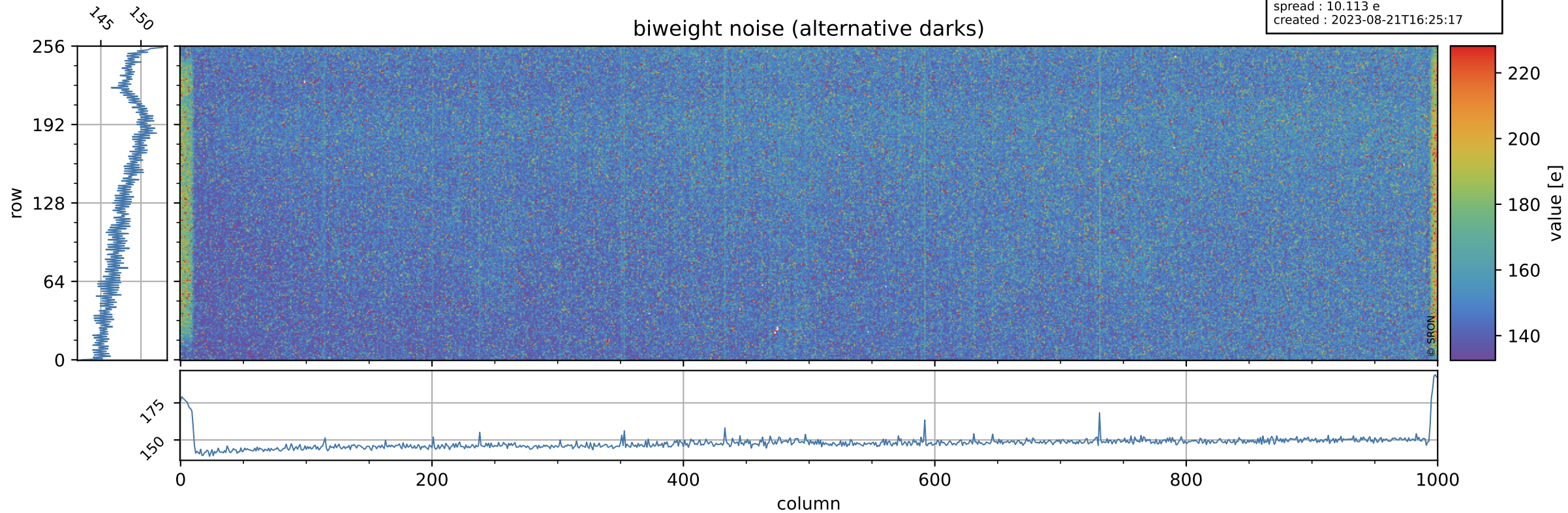
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22567, 22657]
coverage : 2022-02-20 / 2022-02-26
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.113 e
created : 2023-08-21T16:25:17

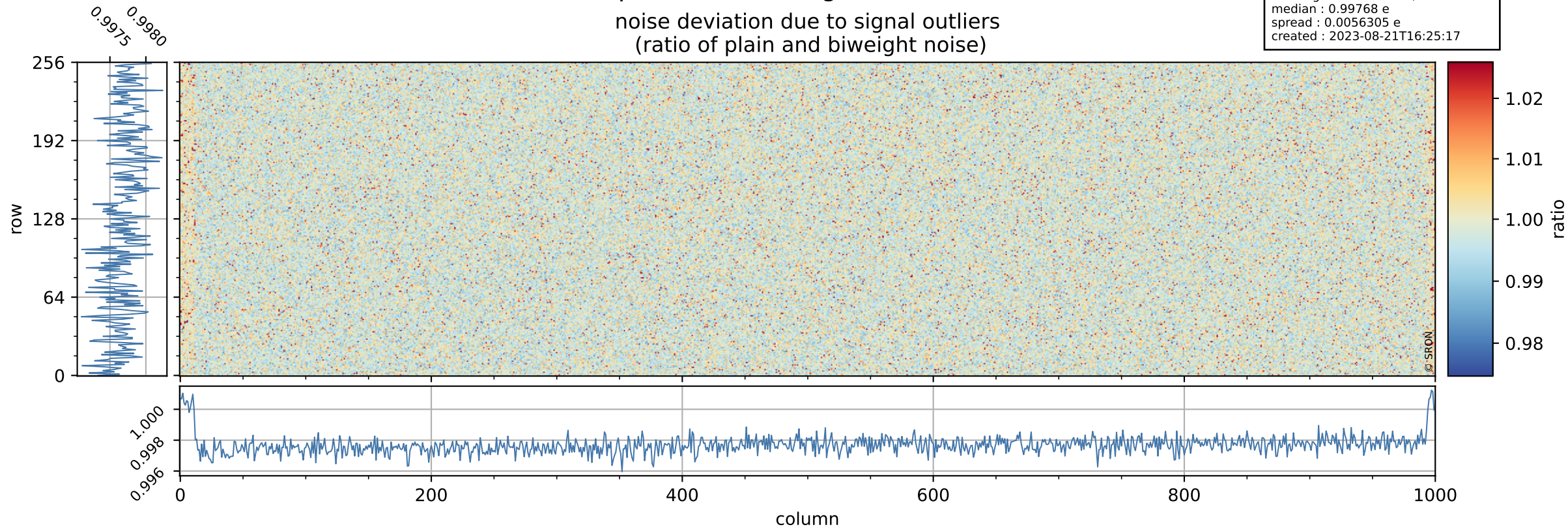
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

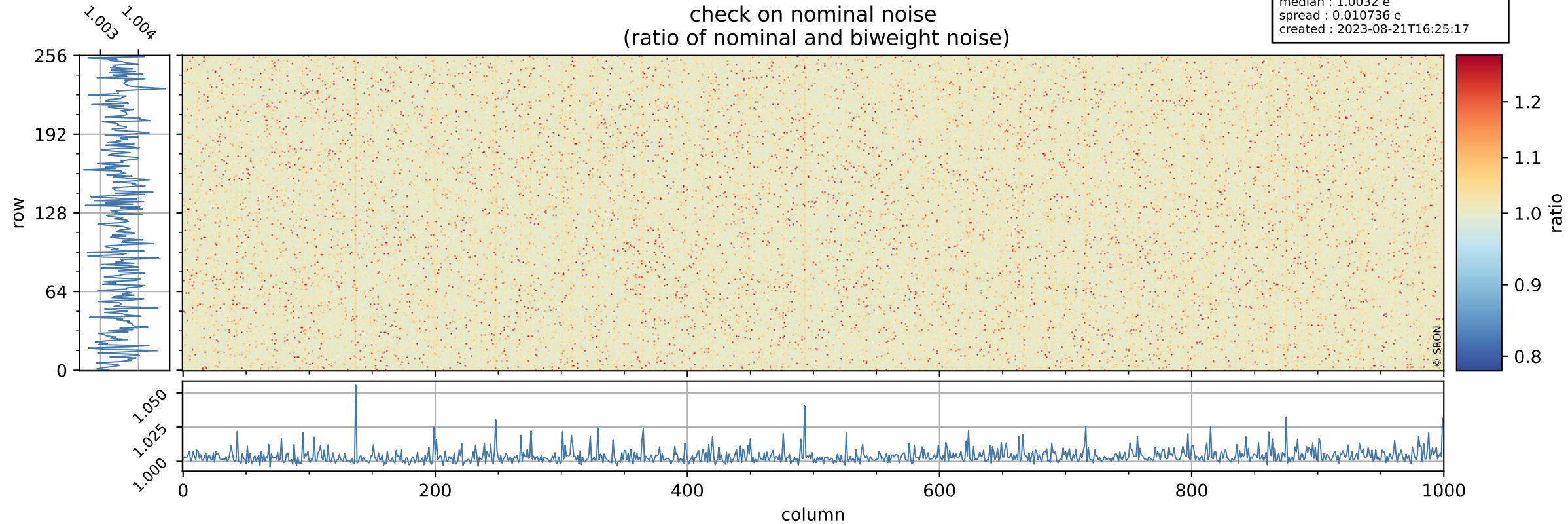
orbits : 13 in [22567, 22657]
coverage : 2022-02-20 / 2022-02-26
median : 0.99768 e
spread : 0.0056305 e
created : 2023-08-21T16:25:17



Tropomi SWIR background noise (swir)

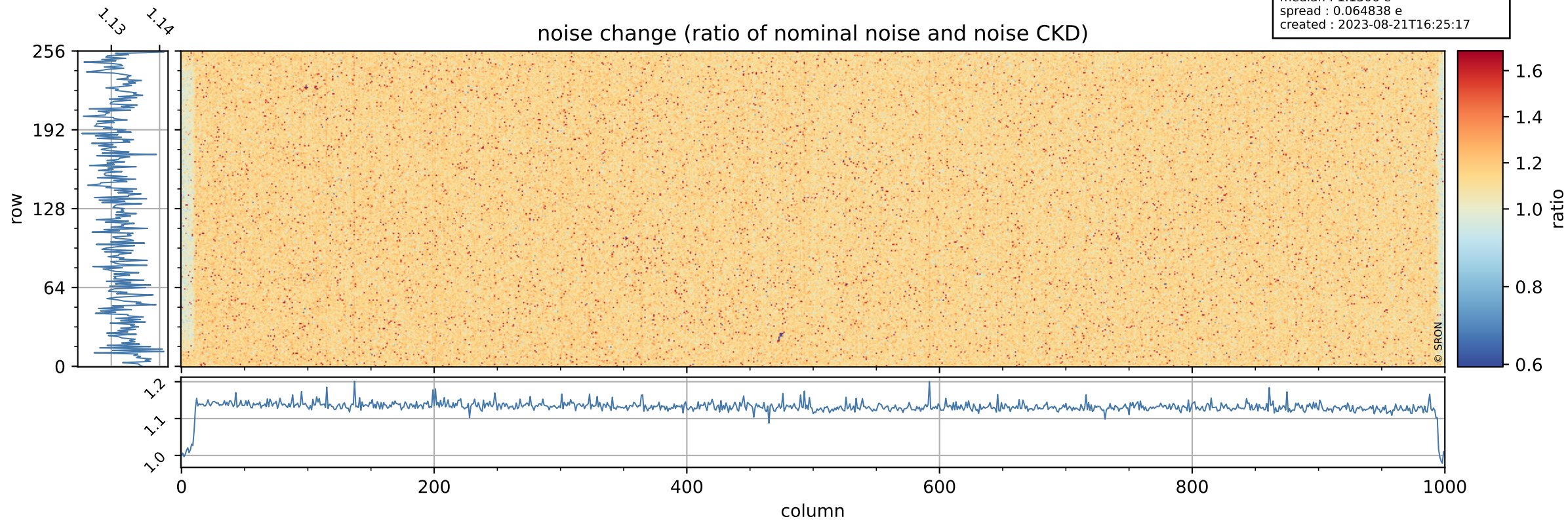
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [22567, 22657]
coverage : 2022-02-20 / 2022-02-26
median : 1.0032 e
spread : 0.010736 e
created : 2023-08-21T16:25:17



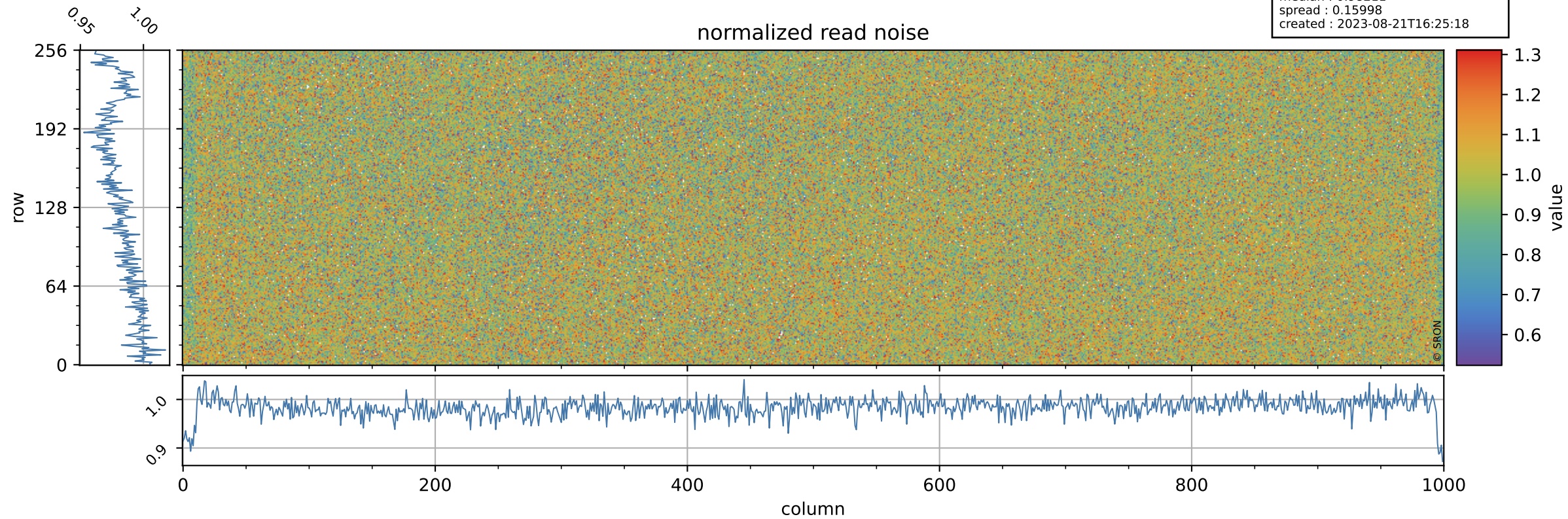
Tropomi SWIR background noise (swir)

orbits : 13 in [22567, 22657]
coverage : 2022-02-20 / 2022-02-26
median : 1.1306 e
spread : 0.064838 e
created : 2023-08-21T16:25:17



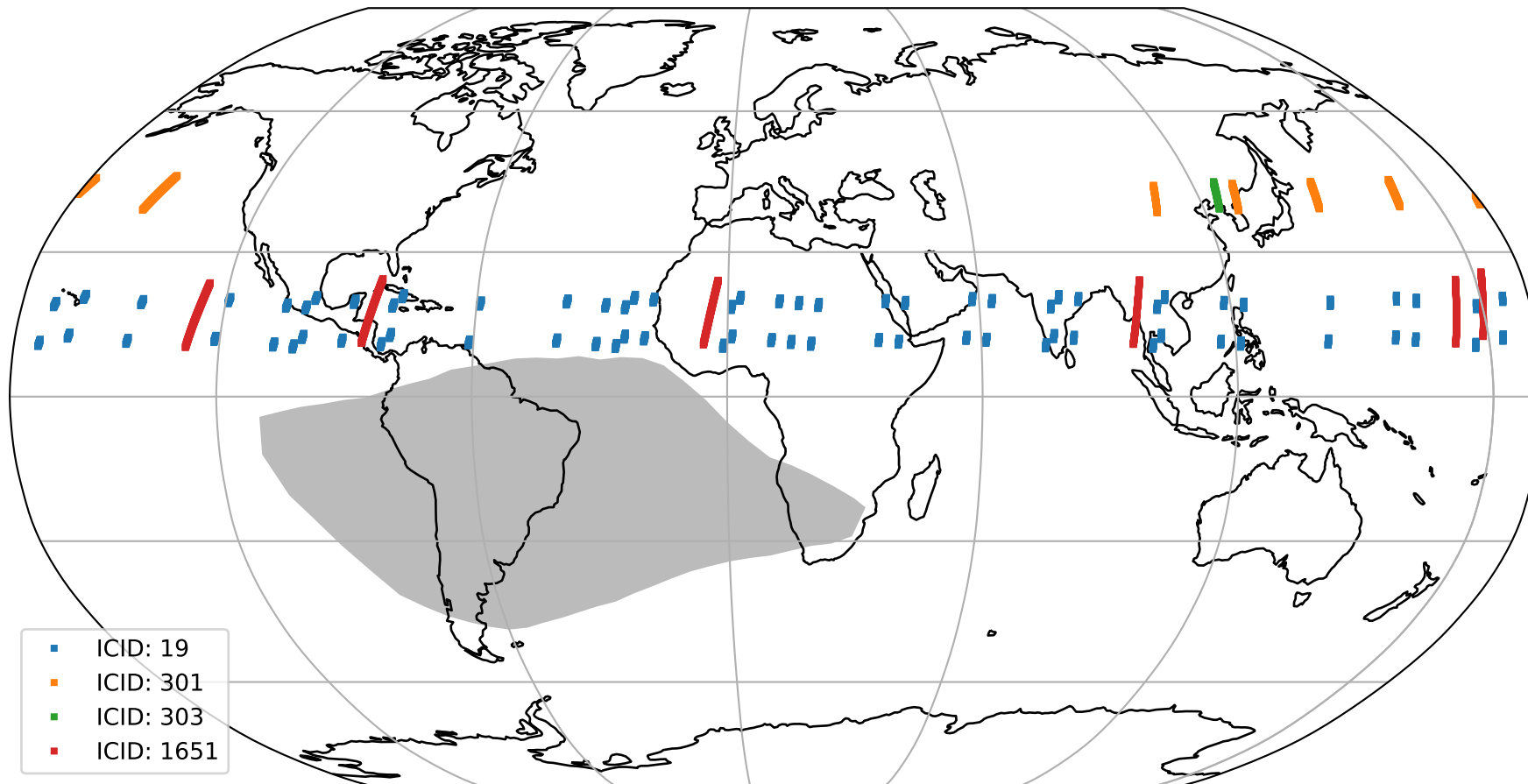
Tropomi SWIR background noise (swir)

orbits : 13 in [22567, 22657]
coverage : 2022-02-20 / 2022-02-26
median : 0.98211
spread : 0.15998
created : 2023-08-21T16:25:18



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

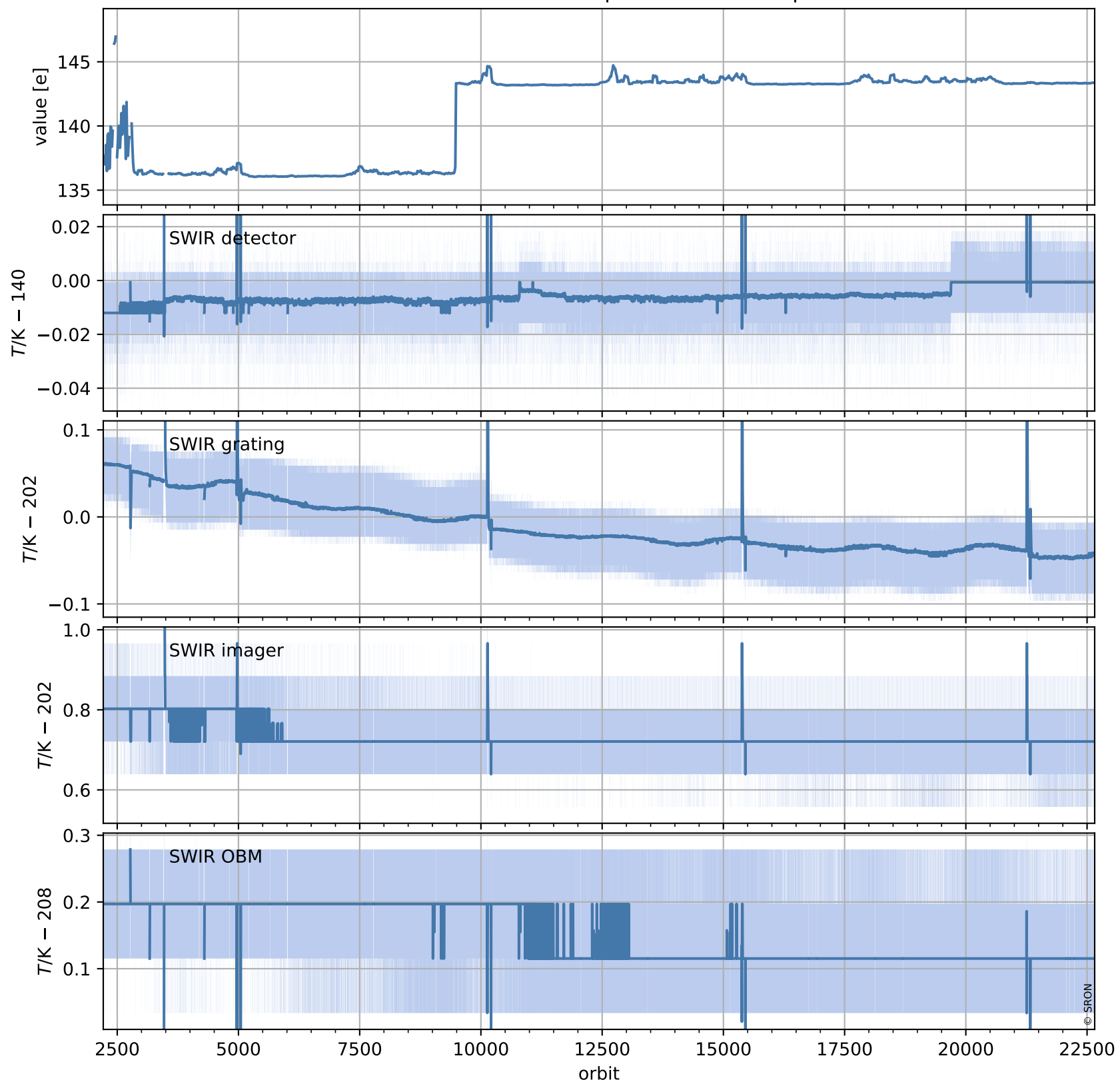
orbits : 13 in [22567, 22657]
coverage : 2022-02-20 / 2022-02-26
created : 2023-08-21T16:25:18



Tropomi SWIR background noise (swir)

orbits : [2212, 22657]
coverage : 2018-03-18 / 2022-02-26
created : 2023-08-21T16:25:18

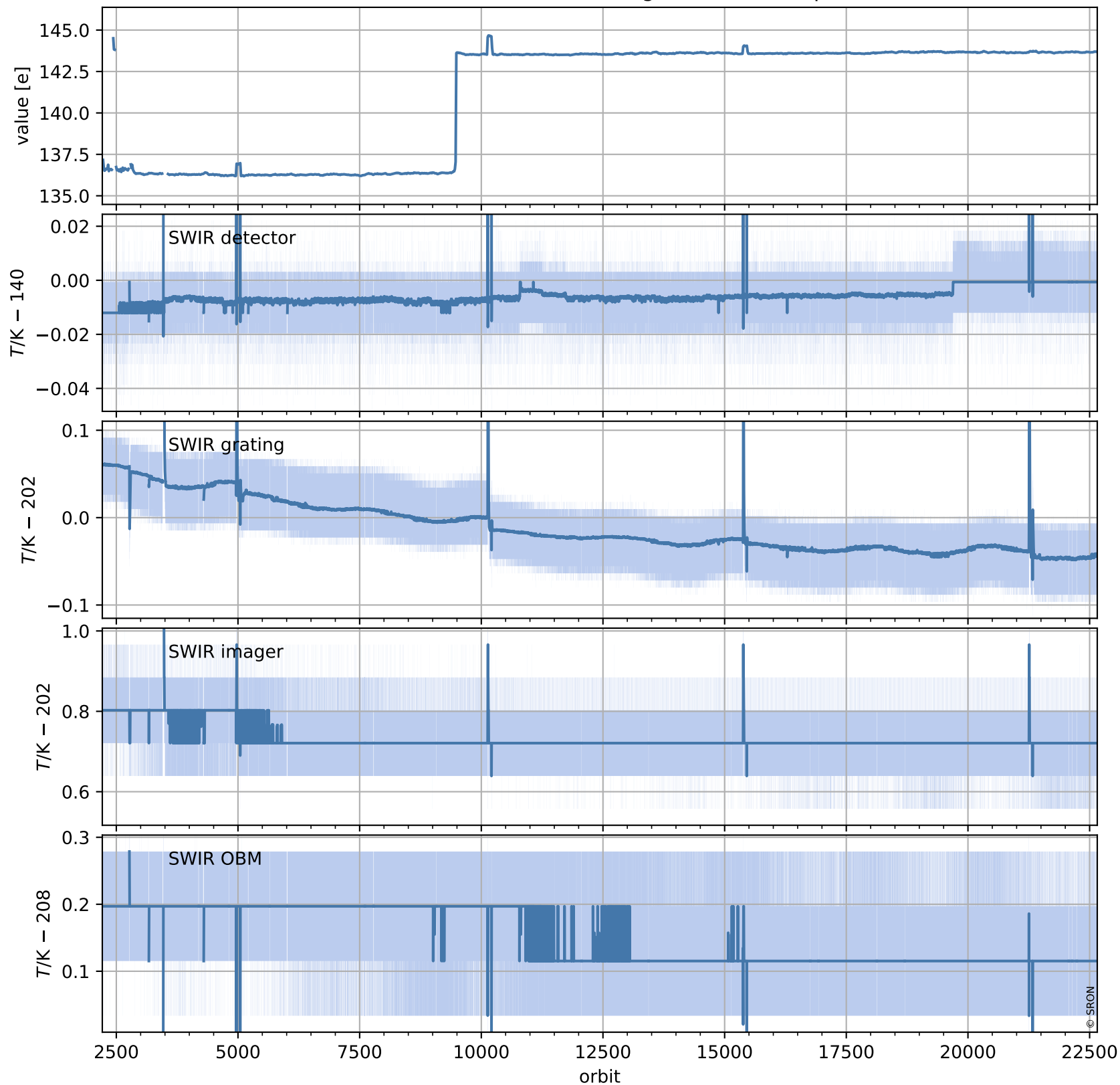
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22657]
coverage : 2018-03-18 / 2022-02-26
created : 2023-08-21T16:25:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22657]
coverage : 2018-03-18 / 2022-02-26
created : 2023-08-21T16:25:20

trend of normalized read-noise & temperatures

