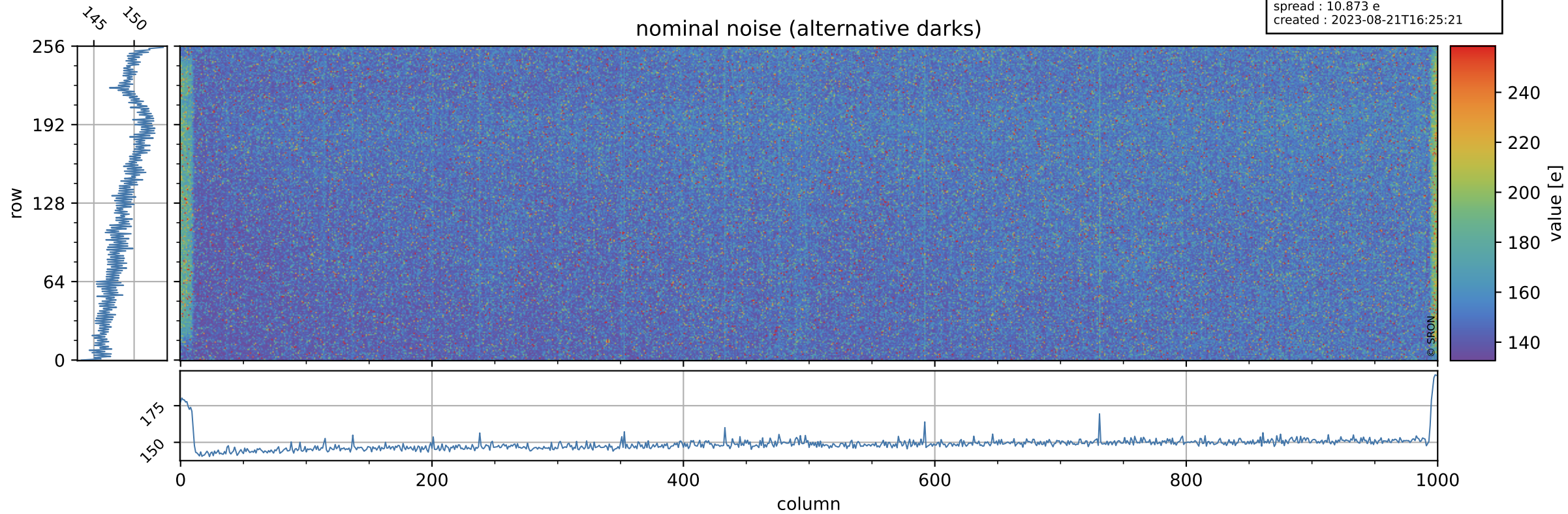


Tropomi SWIR background noise (swir)

orbits : 13 in [22582, 22672]
coverage : 2022-02-21 / 2022-02-26
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.873 e
created : 2023-08-21T16:25:21

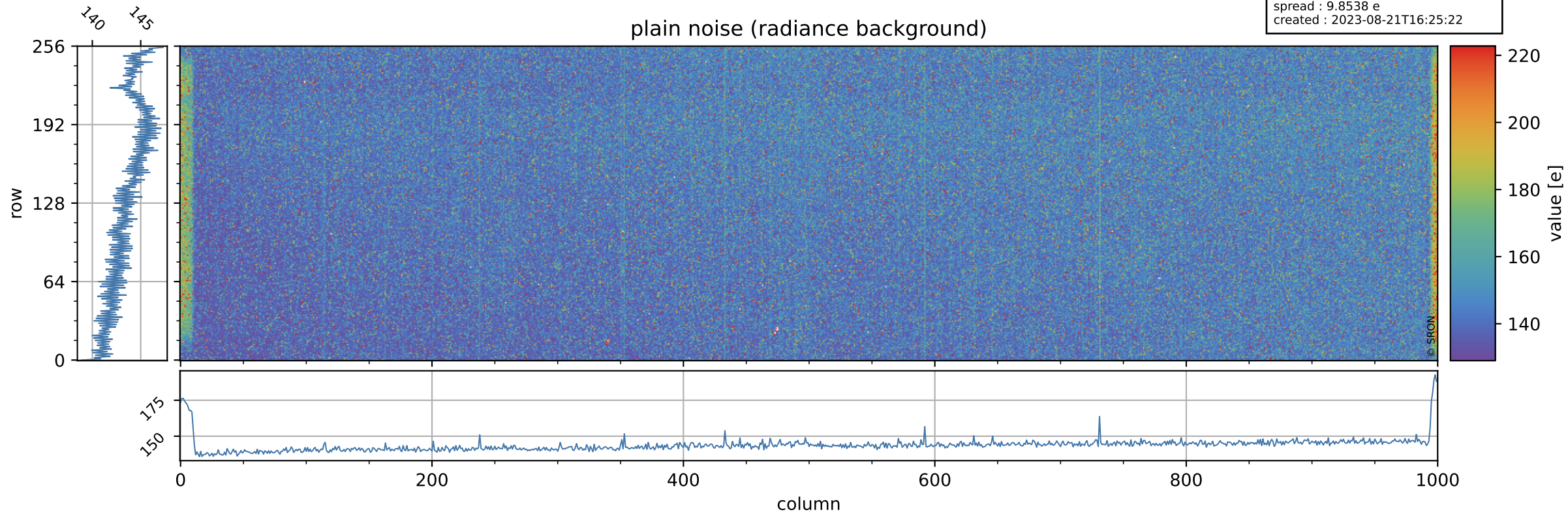
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [22582, 22672]
coverage : 2022-02-21 / 2022-02-26
n_coad, t_exp : 1, 0.8383
median : 143.5 e
spread : 9.8538 e
created : 2023-08-21T16:25:22

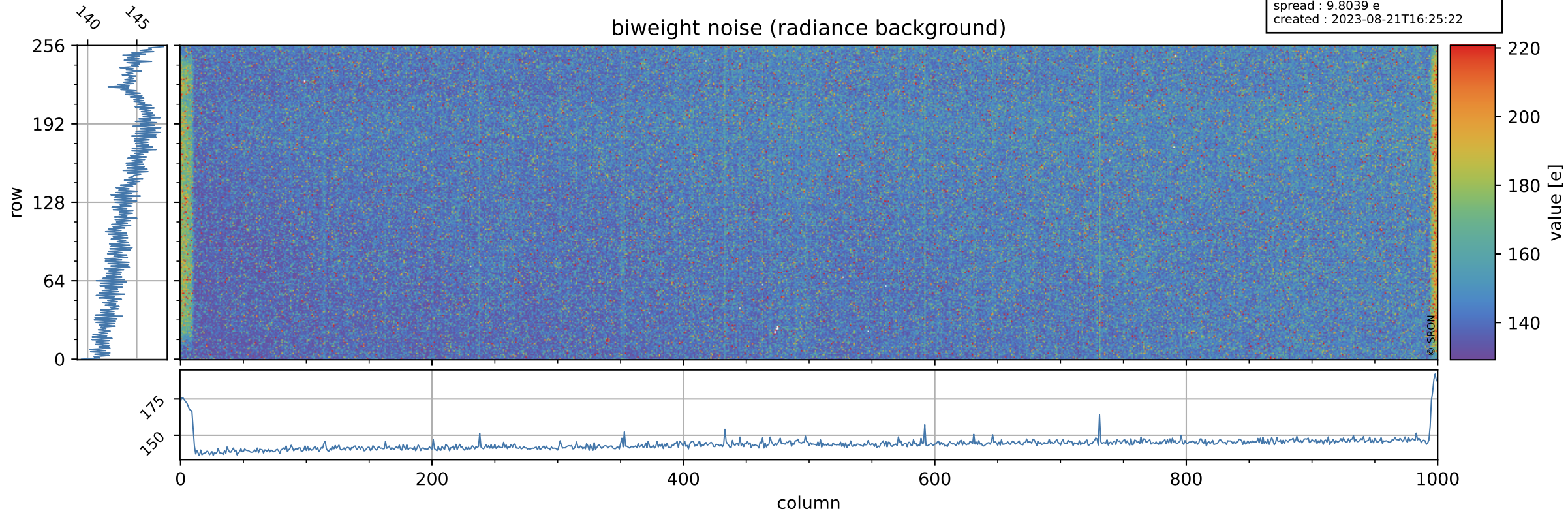
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22582, 22672]
coverage : 2022-02-21 / 2022-02-26
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.8039 e
created : 2023-08-21T16:25:22

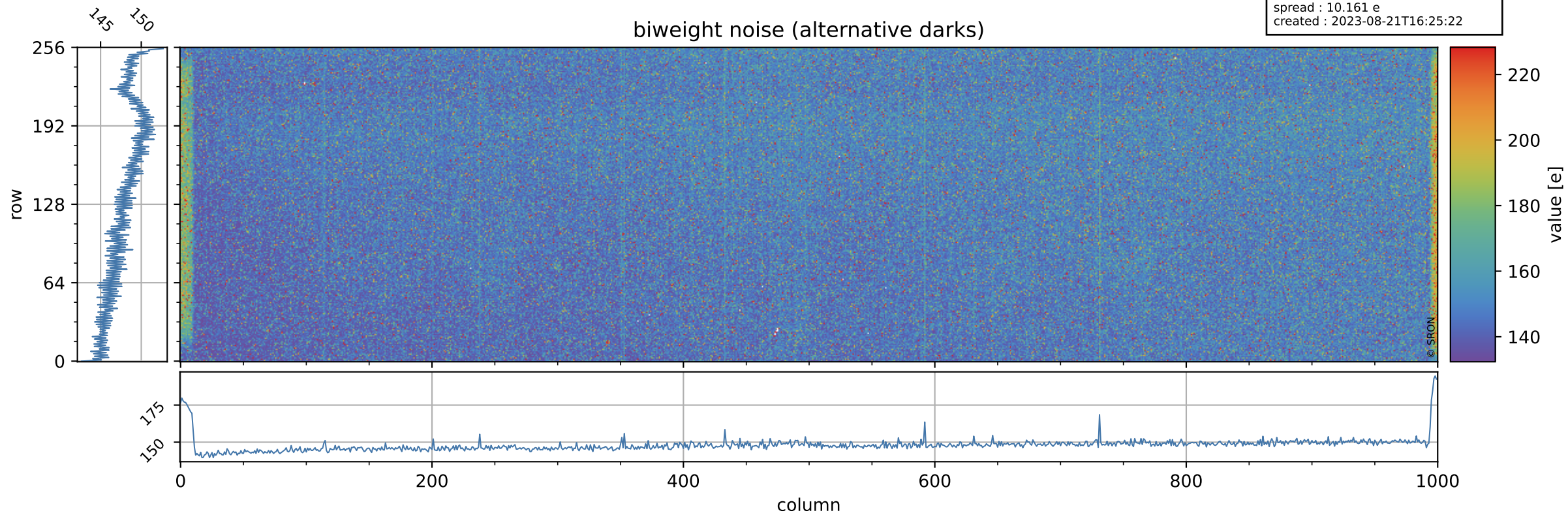
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22582, 22672]
coverage : 2022-02-21 / 2022-02-26
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.161 e
created : 2023-08-21T16:25:22

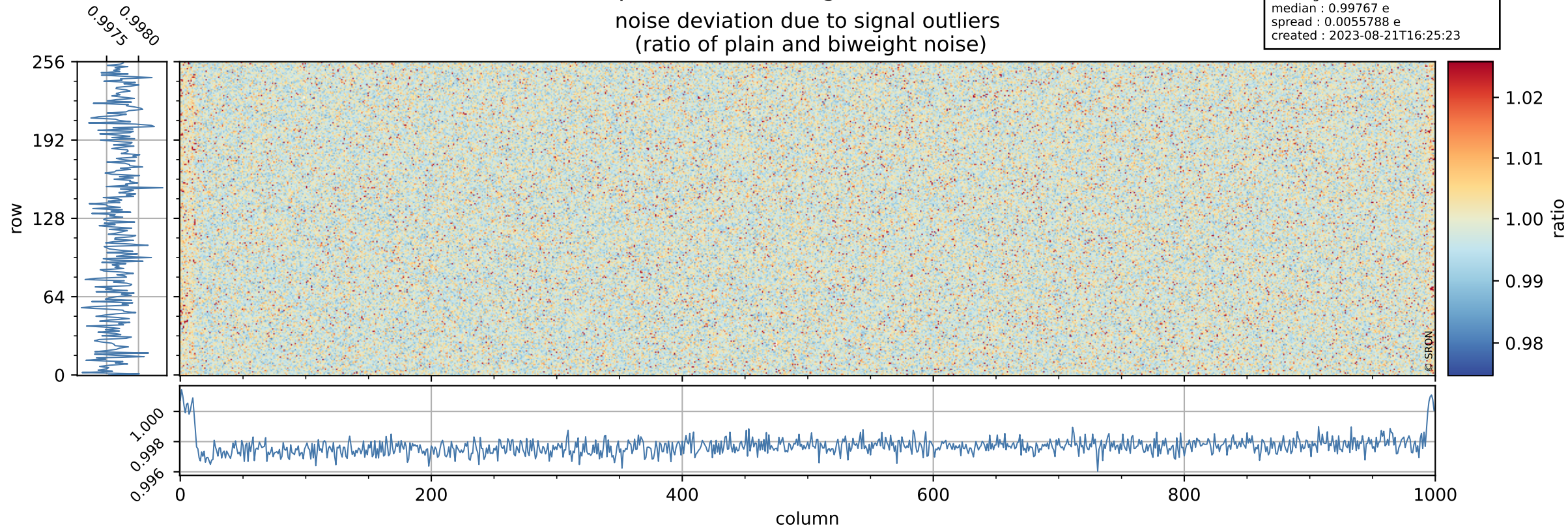
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

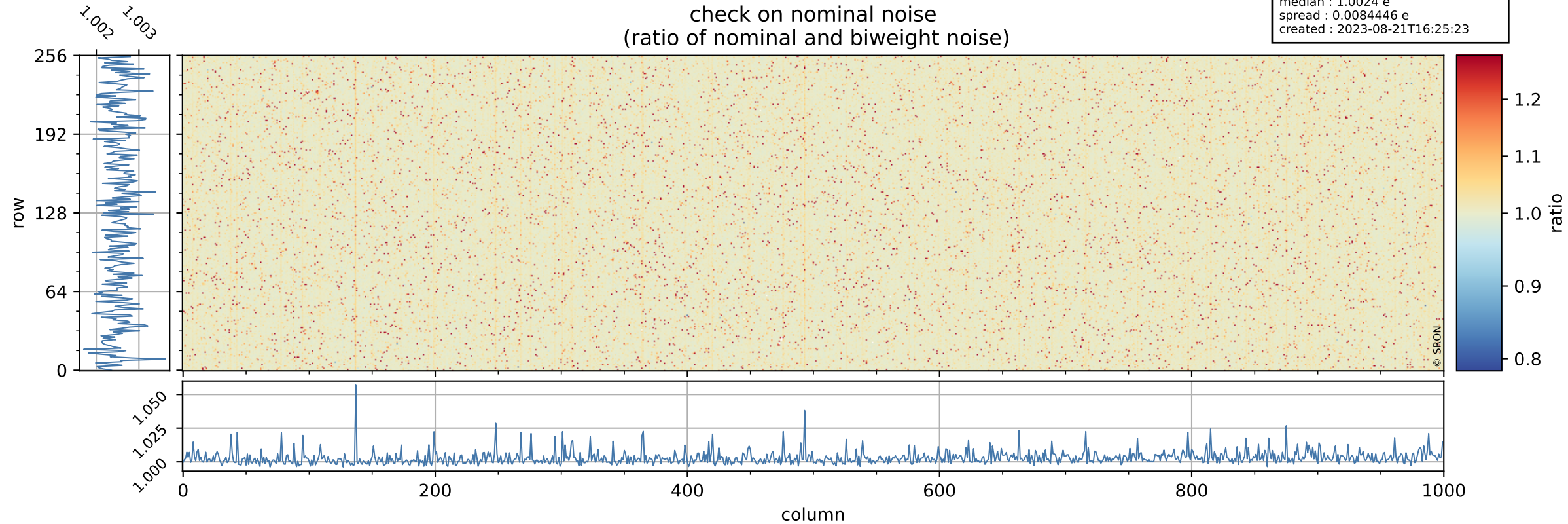
orbits : 13 in [22582, 22672]
coverage : 2022-02-21 / 2022-02-26
median : 0.99767 e
spread : 0.0055788 e
created : 2023-08-21T16:25:23



Tropomi SWIR background noise (swir)

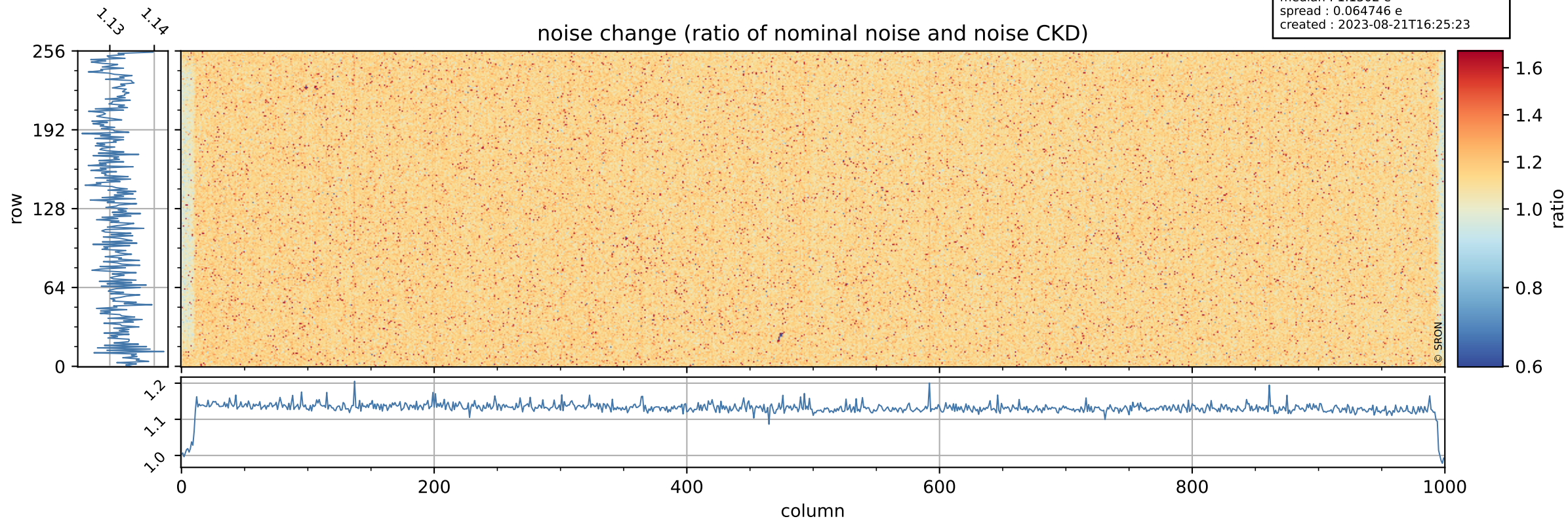
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [22582, 22672]
coverage : 2022-02-21 / 2022-02-26
median : 1.0024 e
spread : 0.0084446 e
created : 2023-08-21T16:25:23



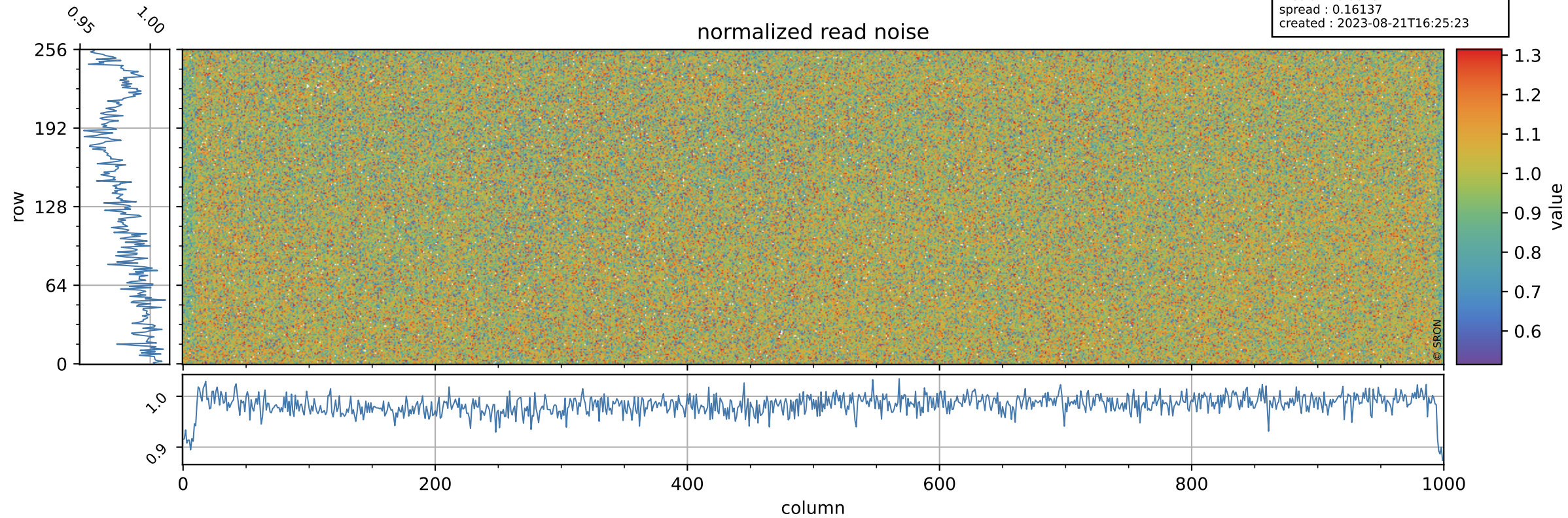
Tropomi SWIR background noise (swir)

orbits : 13 in [22582, 22672]
coverage : 2022-02-21 / 2022-02-26
median : 1.1302 e
spread : 0.064746 e
created : 2023-08-21T16:25:23



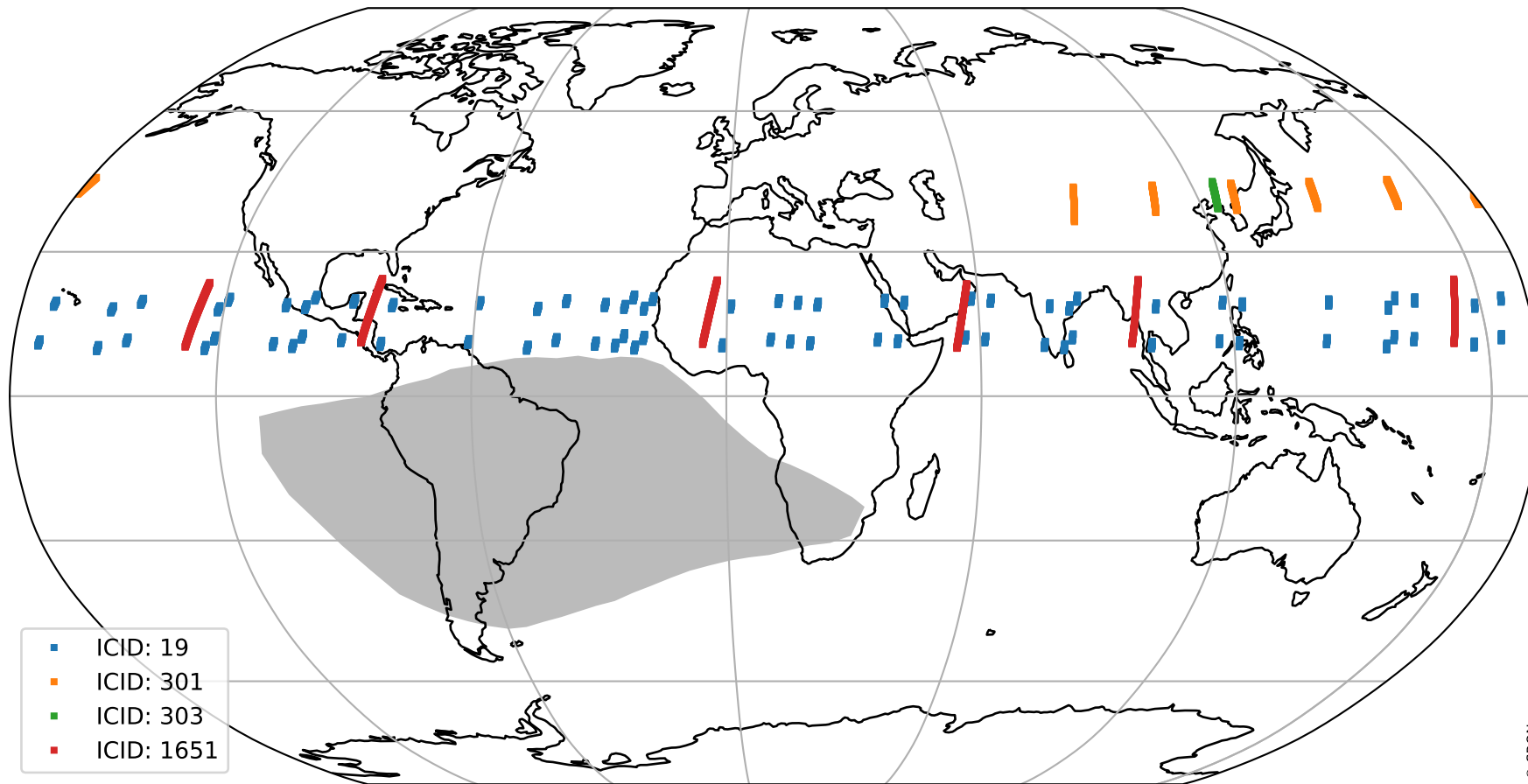
Tropomi SWIR background noise (swir)

orbits : 13 in [22582, 22672]
coverage : 2022-02-21 / 2022-02-26
median : 0.98187
spread : 0.16137
created : 2023-08-21T16:25:23



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

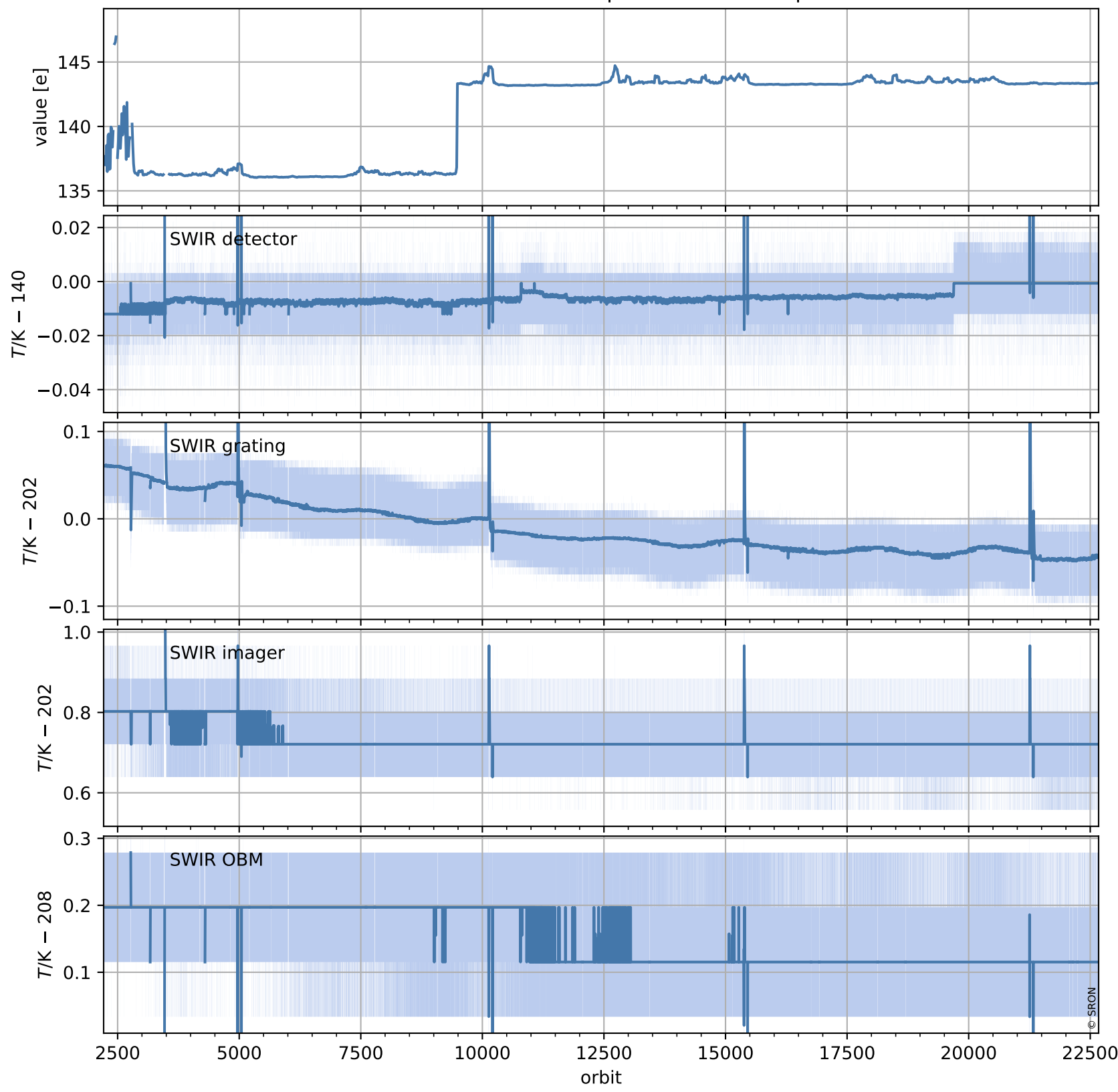
orbits : 13 in [22582, 22672]
coverage : 2022-02-21 / 2022-02-26
created : 2023-08-21T16:25:24



Tropomi SWIR background noise (swir)

orbits : [2212, 22672]
coverage : 2018-03-18 / 2022-02-26
created : 2023-08-21T16:25:24

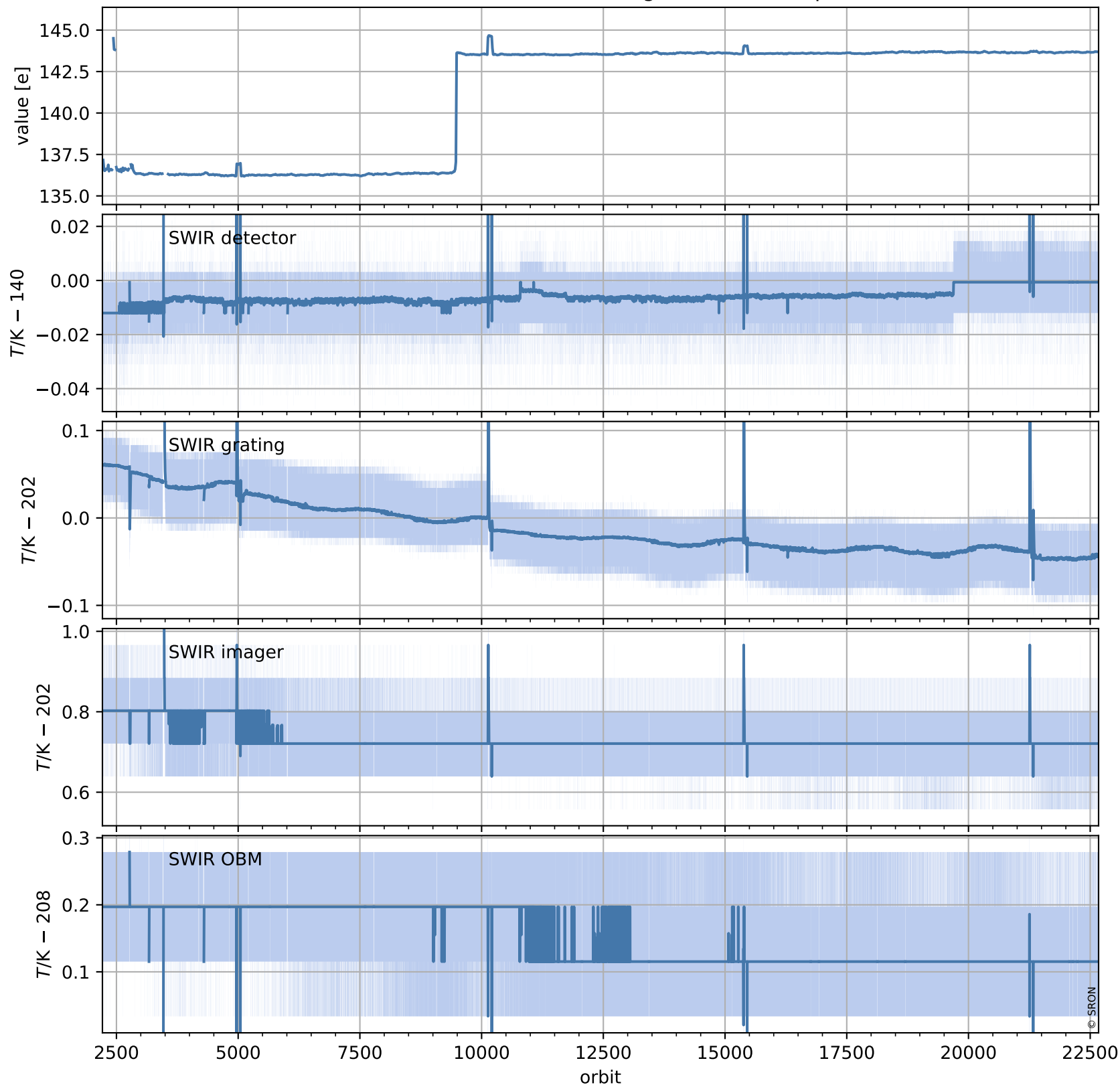
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22672]
coverage : 2018-03-18 / 2022-02-26
created : 2023-08-21T16:25:25

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22672]
coverage : 2018-03-18 / 2022-02-26
created : 2023-08-21T16:25:26

trend of normalized read-noise & temperatures

