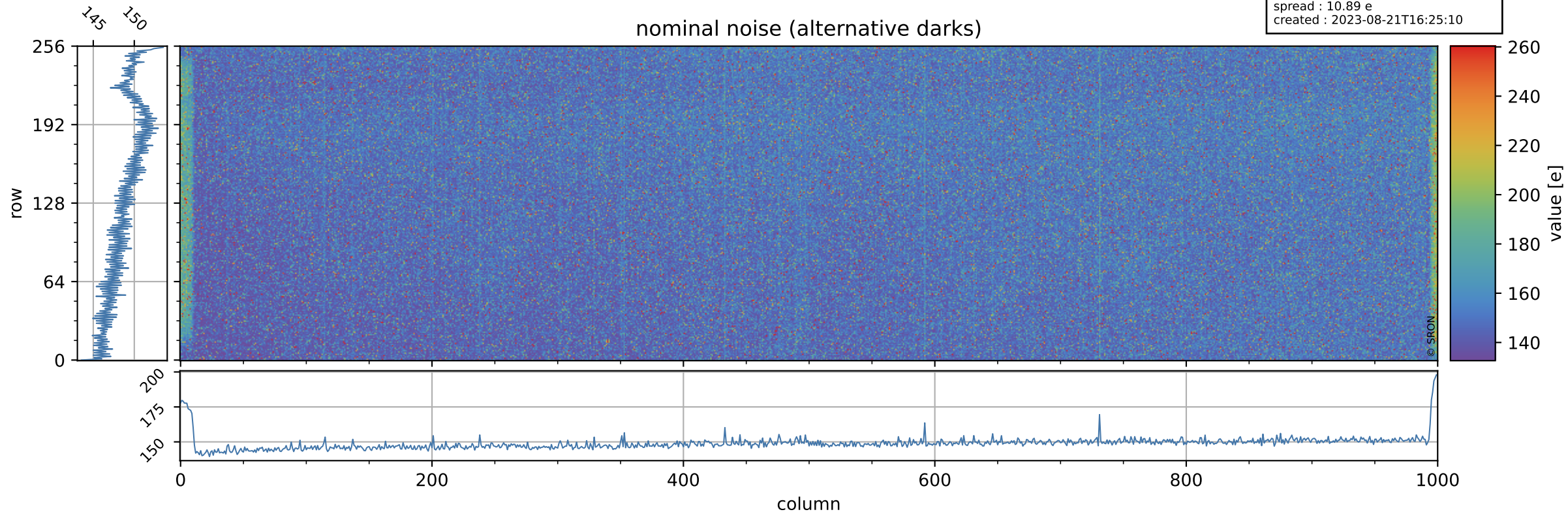


Tropomi SWIR background noise (swir)

orbits : 13 in [22552, 22642]
coverage : 2022-02-19 / 2022-02-25
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 10.89 e
created : 2023-08-21T16:25:10

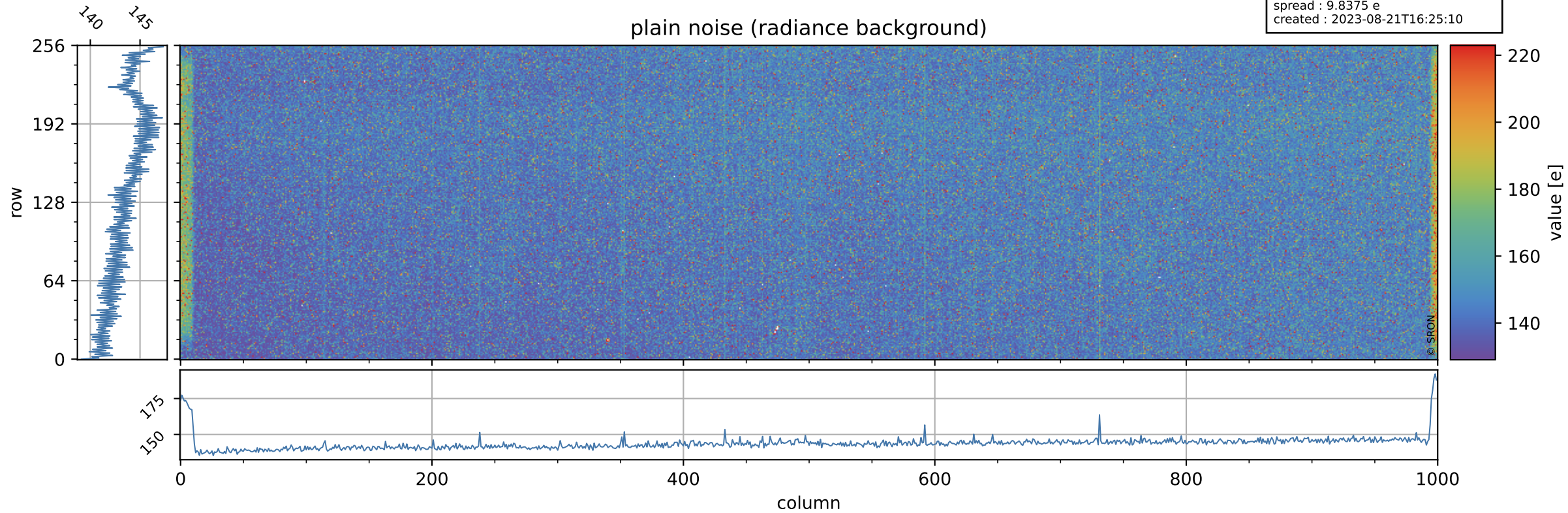
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [22552, 22642]
coverage : 2022-02-19 / 2022-02-25
n_coad, t_exp : 1, 0.8383
median : 143.51 e
spread : 9.8375 e
created : 2023-08-21T16:25:10

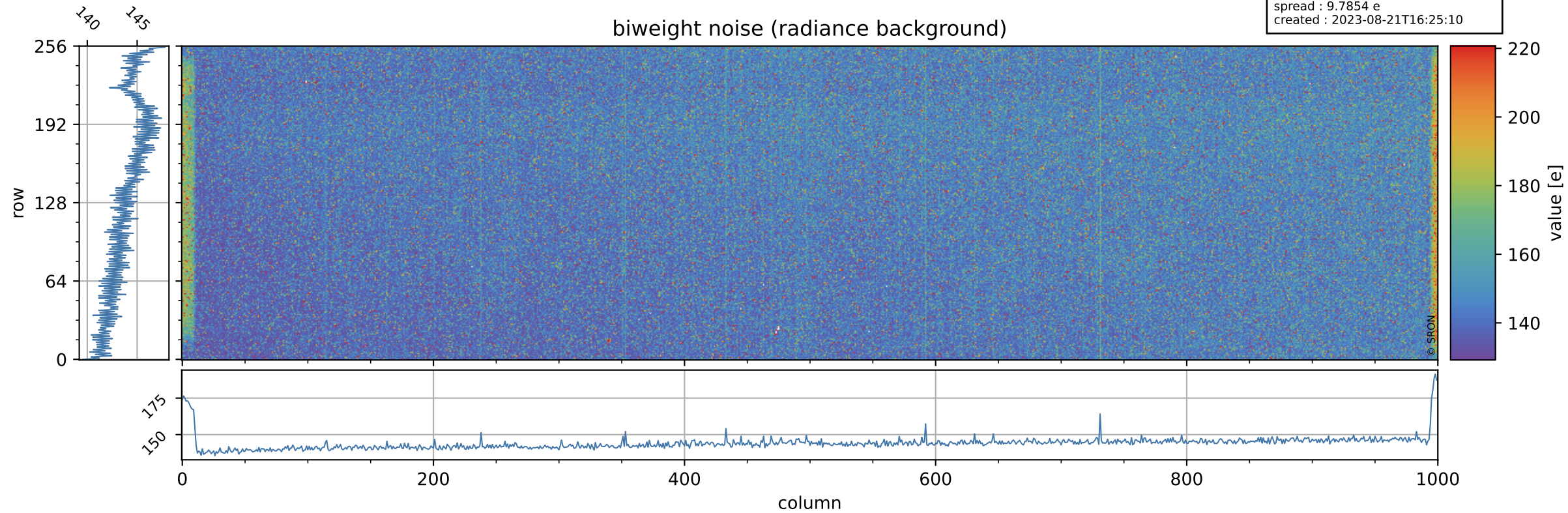
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22552, 22642]
coverage : 2022-02-19 / 2022-02-25
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.7854 e
created : 2023-08-21T16:25:10

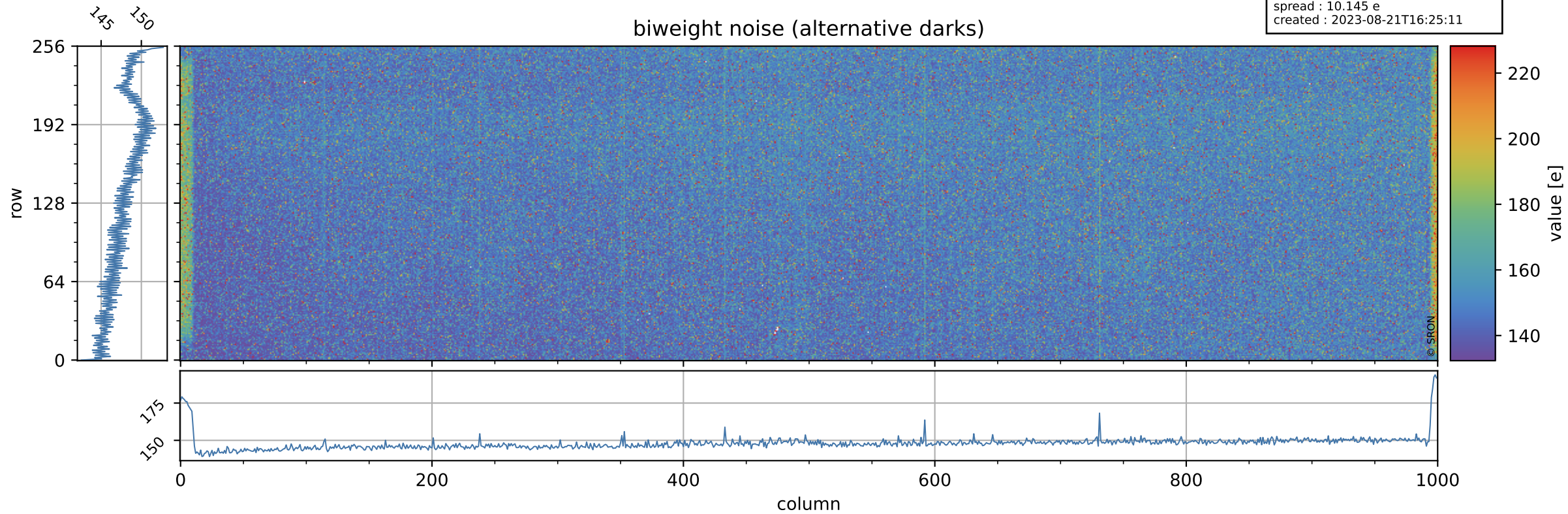
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22552, 22642]
coverage : 2022-02-19 / 2022-02-25
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.145 e
created : 2023-08-21T16:25:11

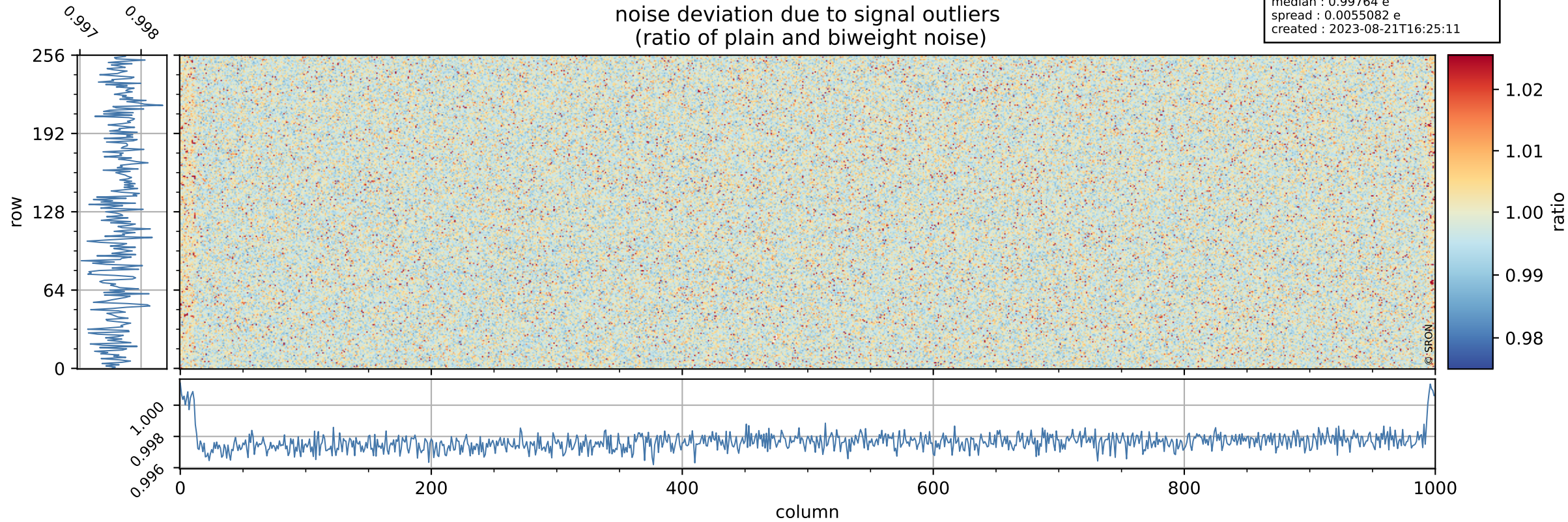
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

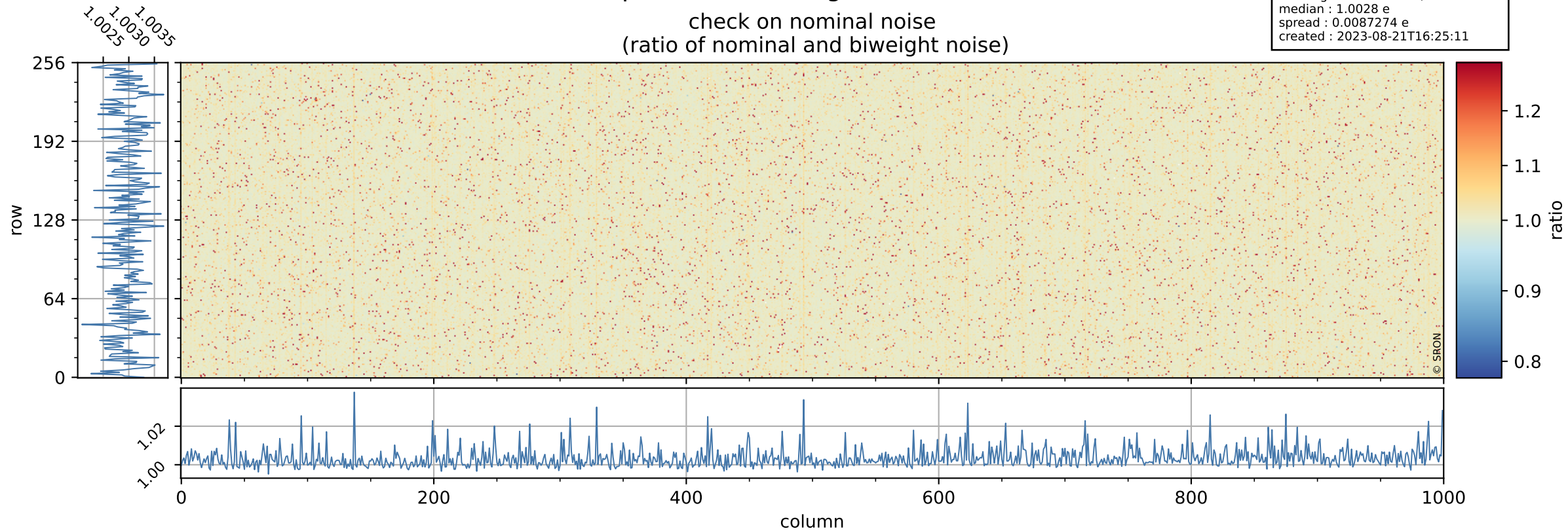
orbits : 13 in [22552, 22642]
coverage : 2022-02-19 / 2022-02-25
median : 0.99764 e
spread : 0.0055082 e
created : 2023-08-21T16:25:11



Tropomi SWIR background noise (swir)

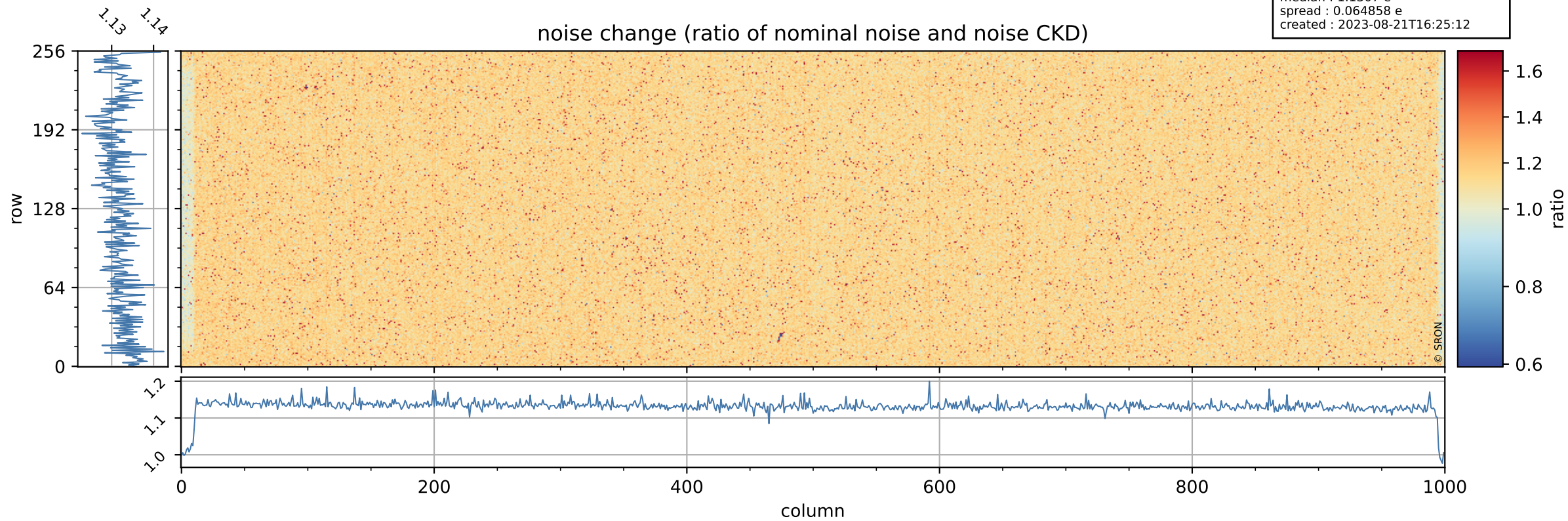
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [22552, 22642]
coverage : 2022-02-19 / 2022-02-25
median : 1.0028 e
spread : 0.0087274 e
created : 2023-08-21T16:25:11



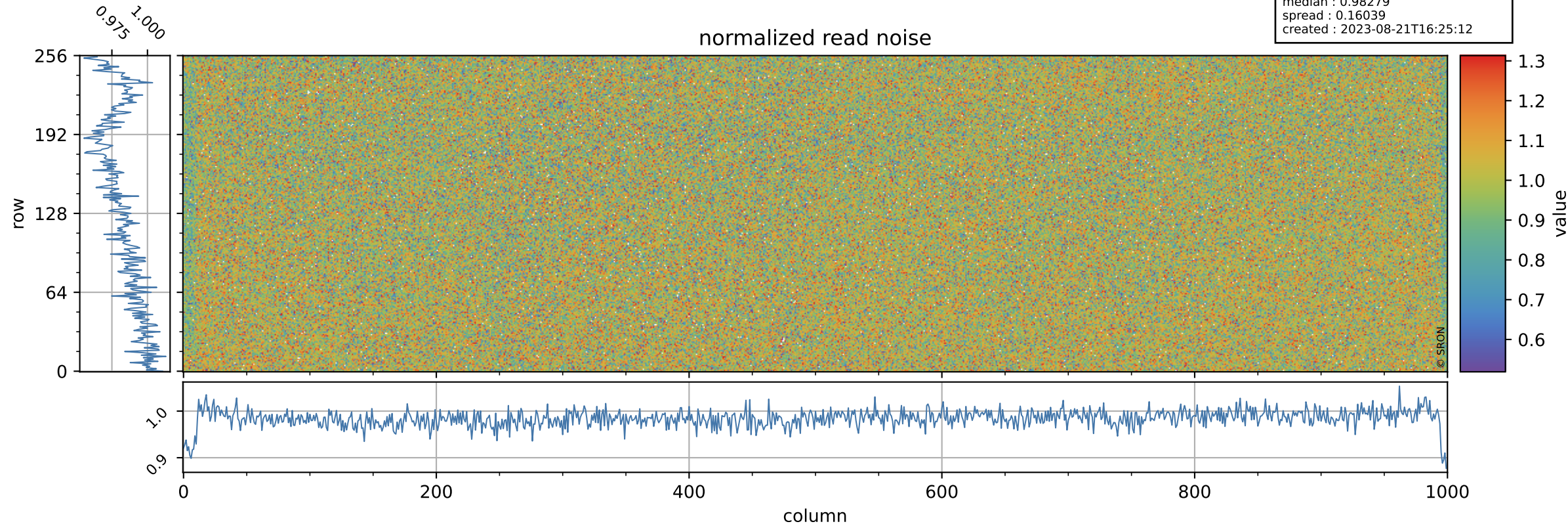
Tropomi SWIR background noise (swir)

orbits : 13 in [22552, 22642]
coverage : 2022-02-19 / 2022-02-25
median : 1.1307 e
spread : 0.064858 e
created : 2023-08-21T16:25:12



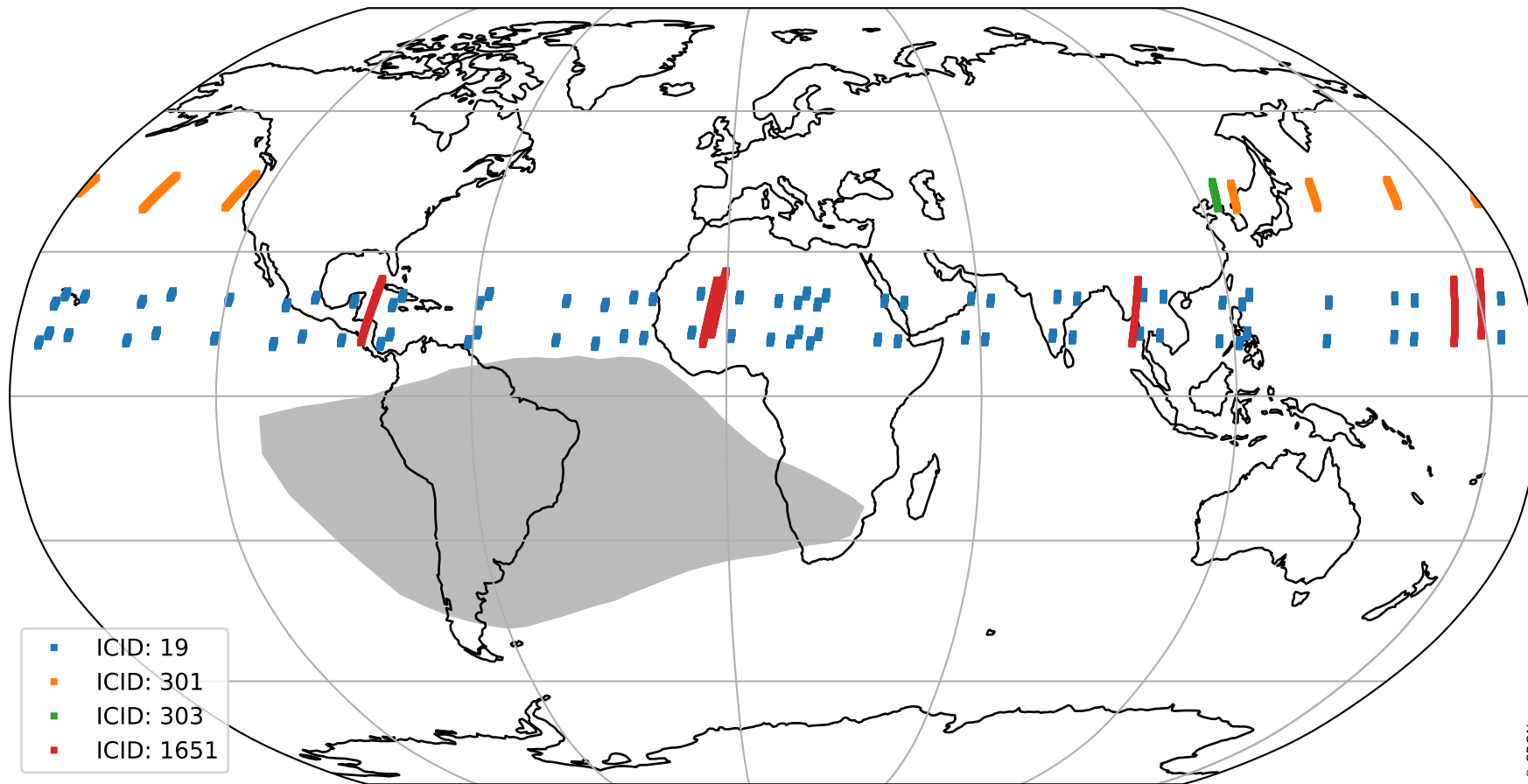
Tropomi SWIR background noise (swir)

orbits : 13 in [22552, 22642]
coverage : 2022-02-19 / 2022-02-25
median : 0.98279
spread : 0.16039
created : 2023-08-21T16:25:12



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

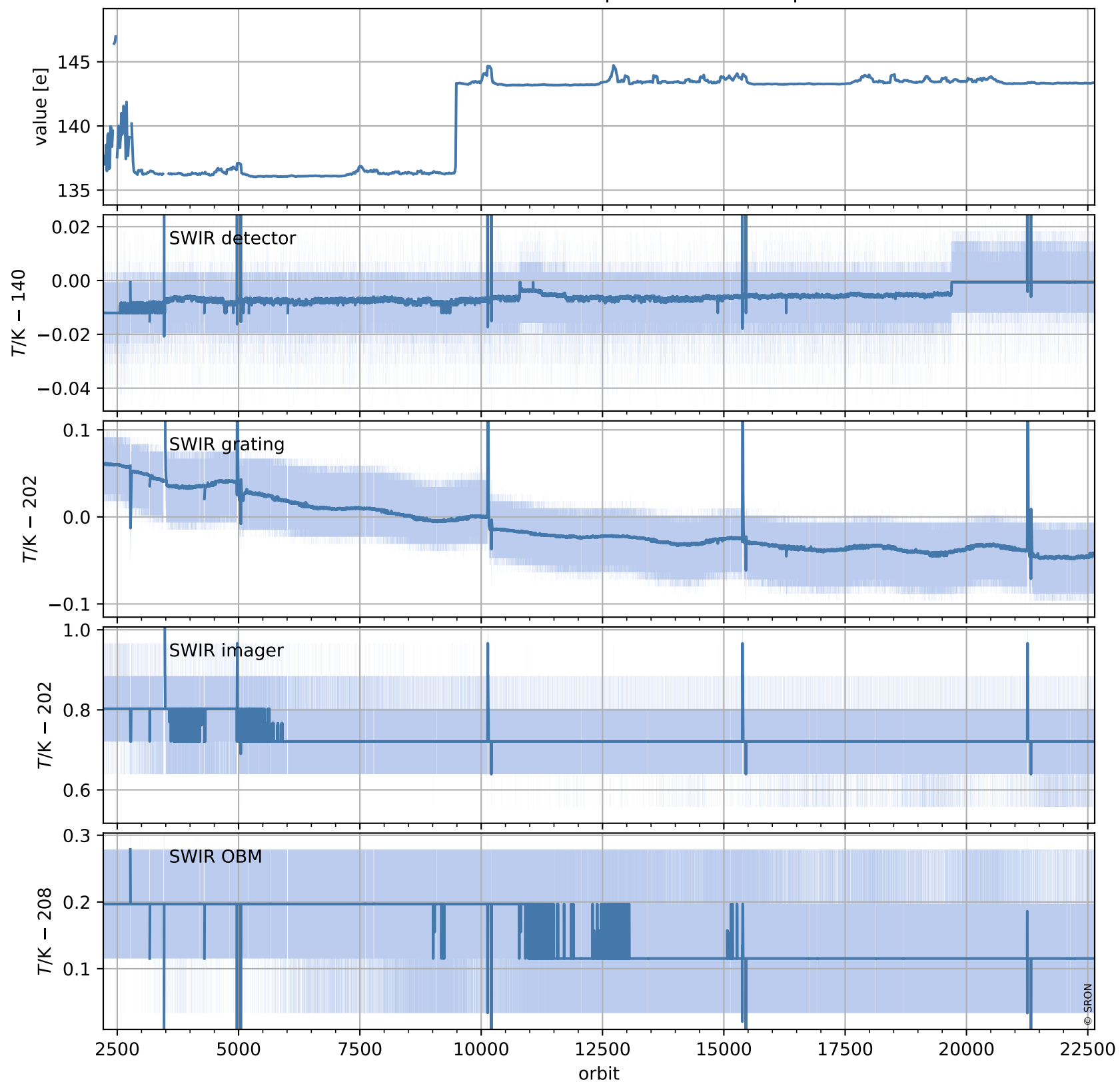
orbits : 13 in [22552, 22642]
coverage : 2022-02-19 / 2022-02-25
created : 2023-08-21T16:25:12



Tropomi SWIR background noise (swir)

orbits : [2212, 22642]
coverage : 2018-03-18 / 2022-02-25
created : 2023-08-21T16:25:13

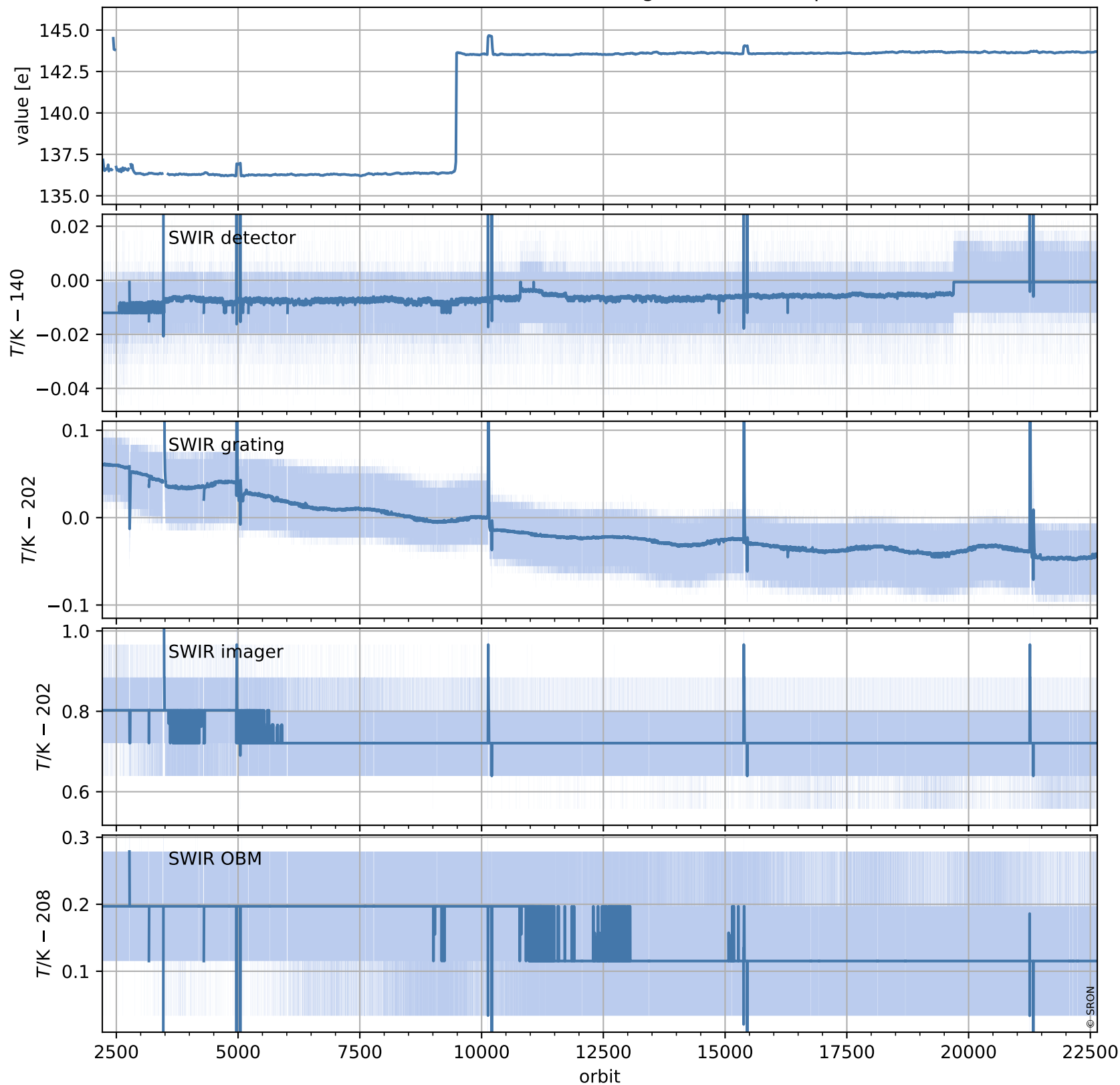
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22642]
coverage : 2018-03-18 / 2022-02-25
created : 2023-08-21T16:25:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22642]
coverage : 2018-03-18 / 2022-02-25
created : 2023-08-21T16:25:14

trend of normalized read-noise & temperatures

