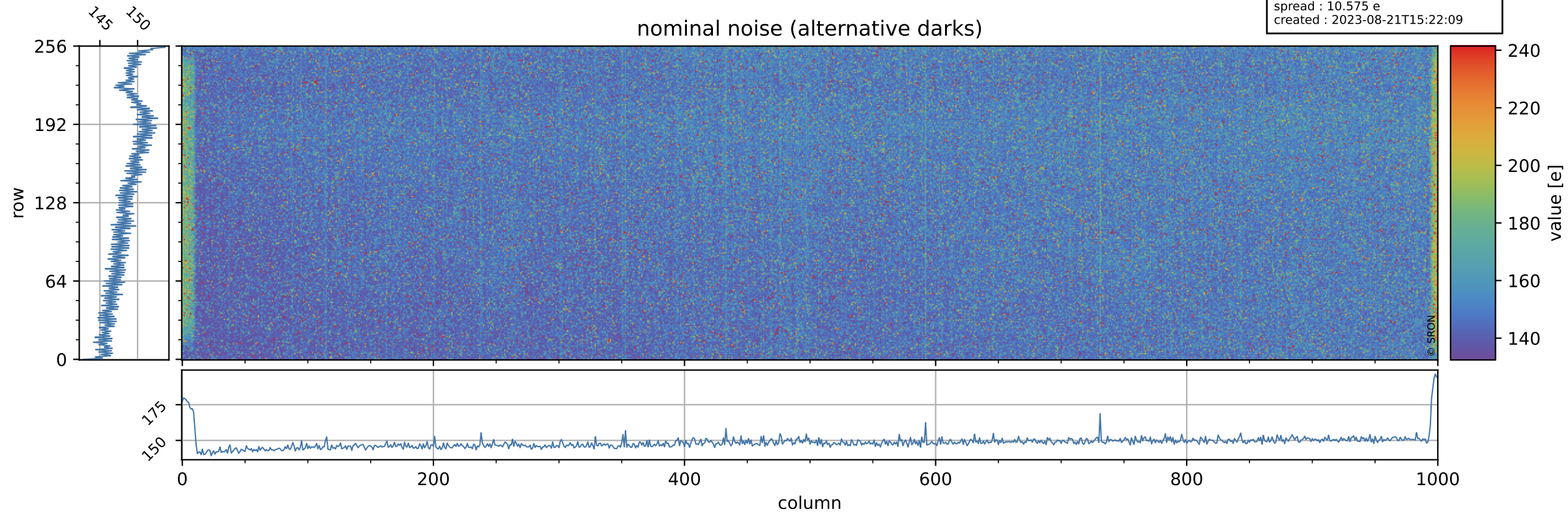


Tropomi SWIR background noise (swir)

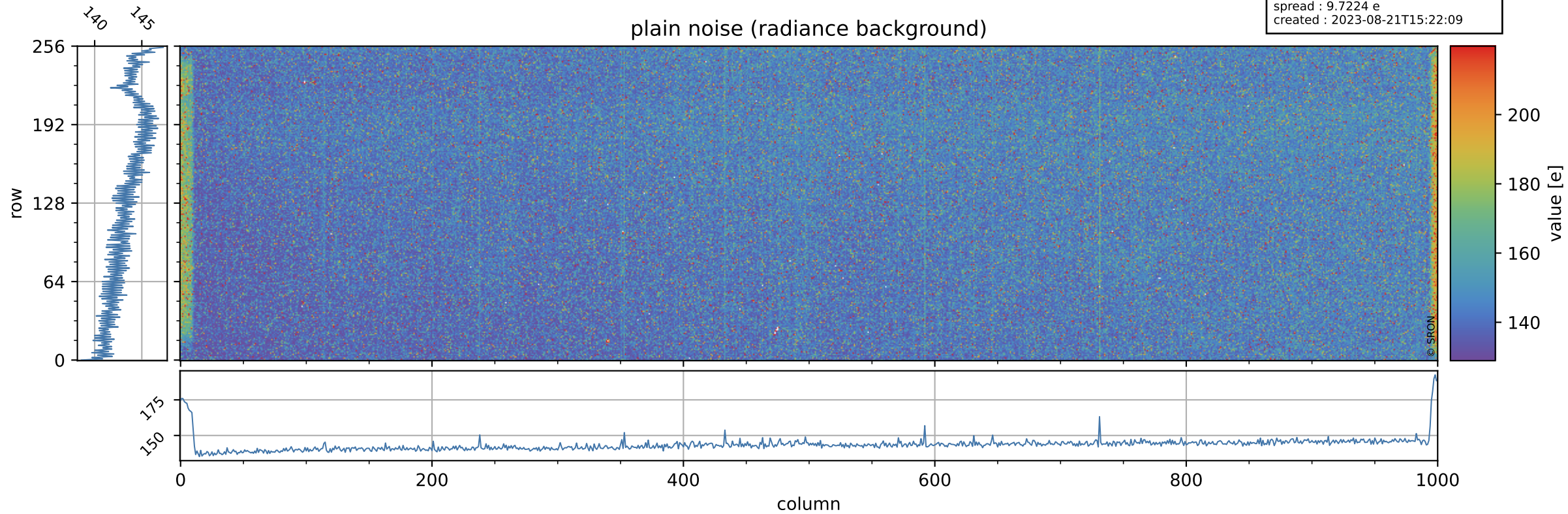
orbits : 12 in [11737, 11812]
coverage : 2020-01-18 / 2020-01-23
n_coad, t_exp : 1, 1.0783
median : 148.39 e
spread : 10.575 e
created : 2023-08-21T15:22:09



Tropomi SWIR background noise (swir)

orbits : 12 in [11737, 11812]
coverage : 2020-01-18 / 2020-01-23
n_coad, t_exp : 1, 0.8383
median : 143.32 e
spread : 9.7224 e
created : 2023-08-21T15:22:09

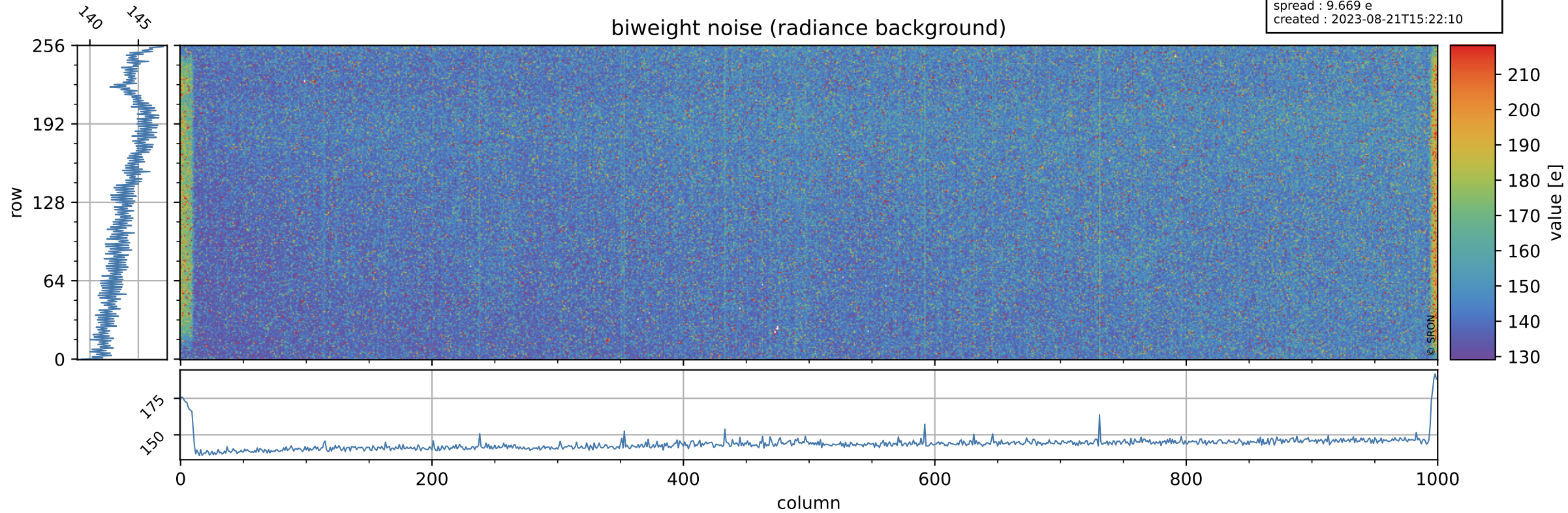
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11737, 11812]
coverage : 2020-01-18 / 2020-01-23
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.669 e
created : 2023-08-21T15:22:10

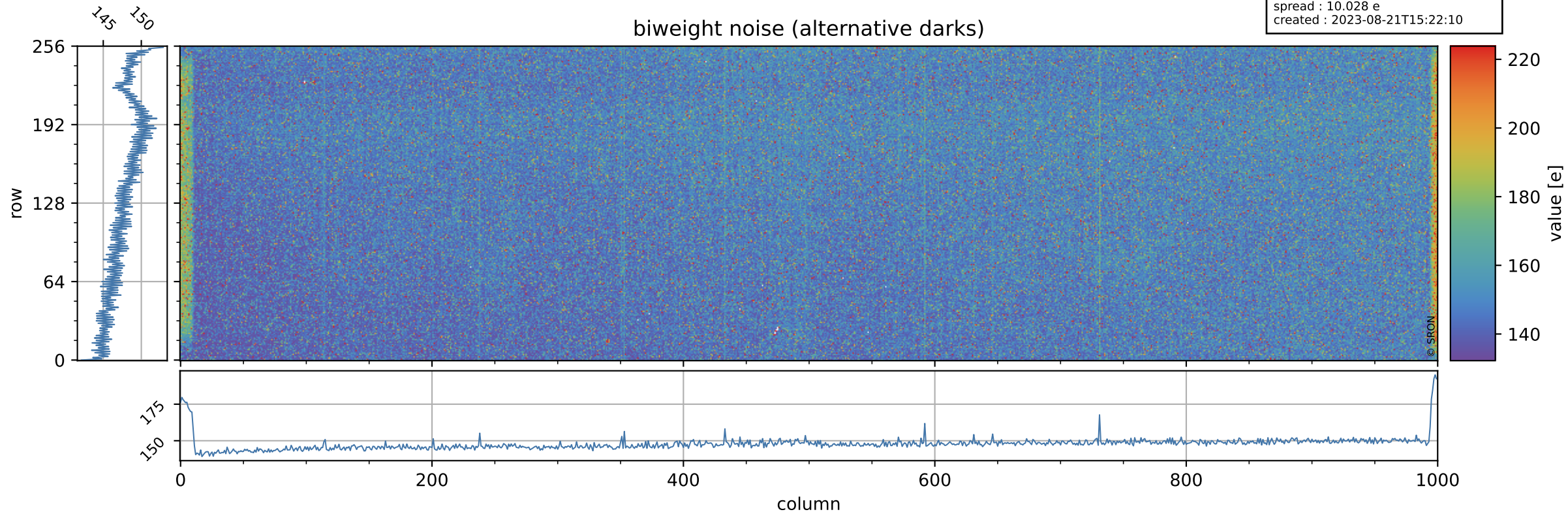
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11737, 11812]
coverage : 2020-01-18 / 2020-01-23
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.028 e
created : 2023-08-21T15:22:10

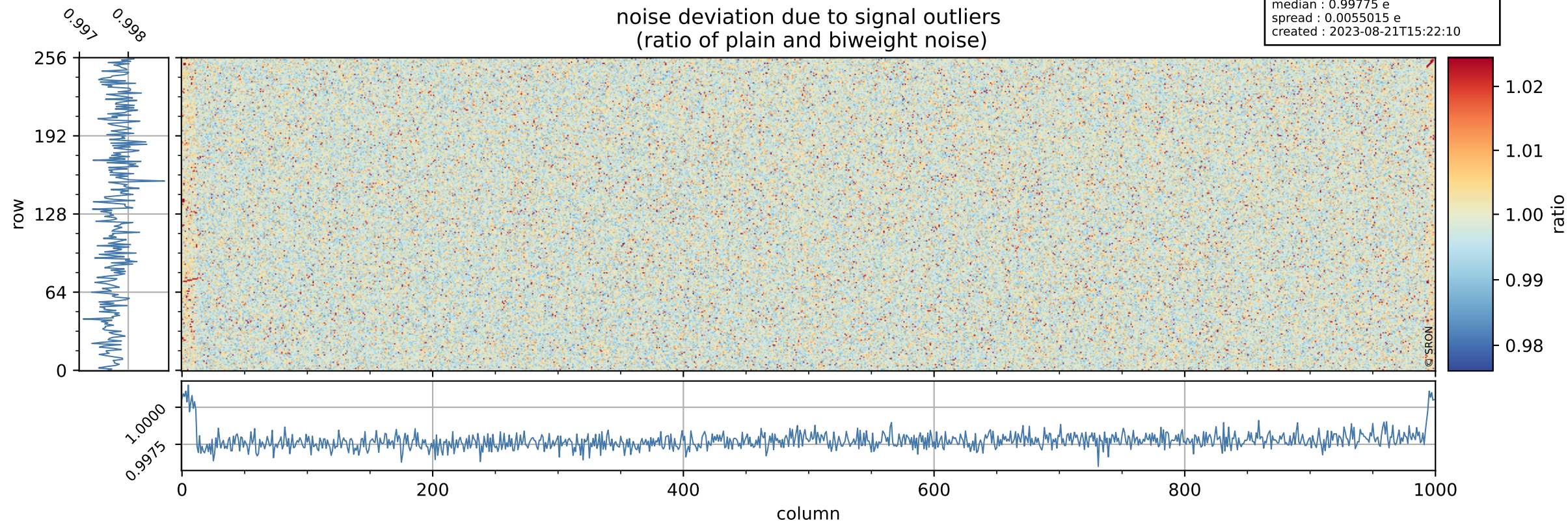
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

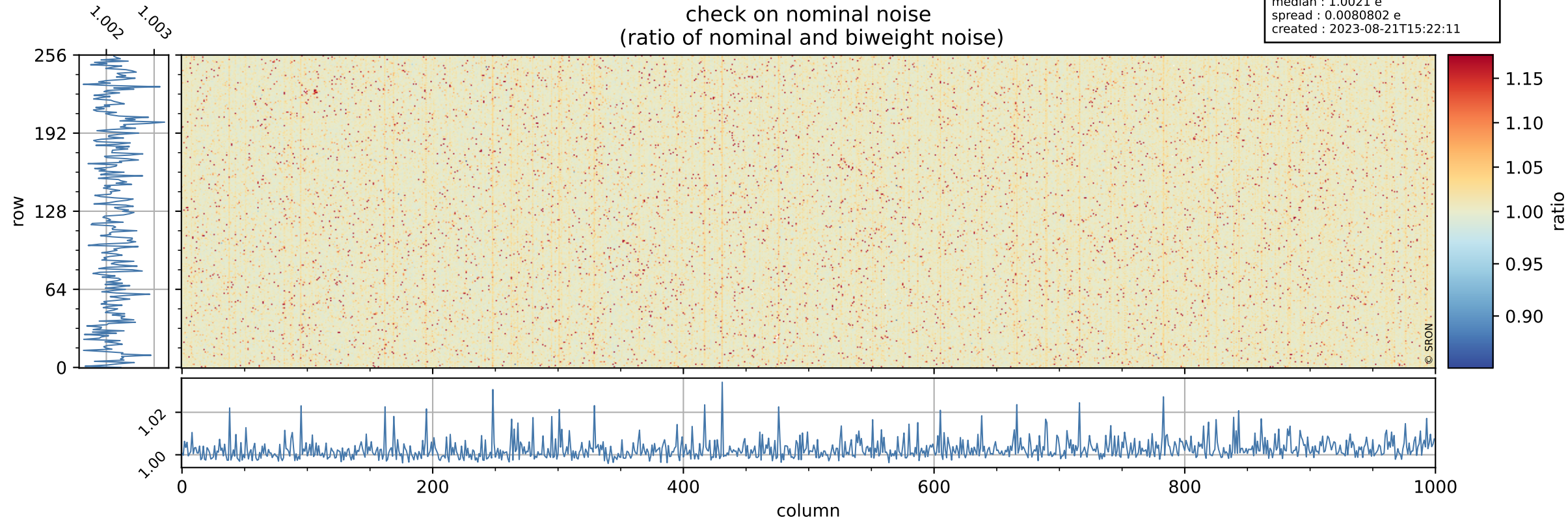
orbits : 12 in [11737, 11812]
coverage : 2020-01-18 / 2020-01-23
median : 0.99775 e
spread : 0.0055015 e
created : 2023-08-21T15:22:10



Tropomi SWIR background noise (swir)

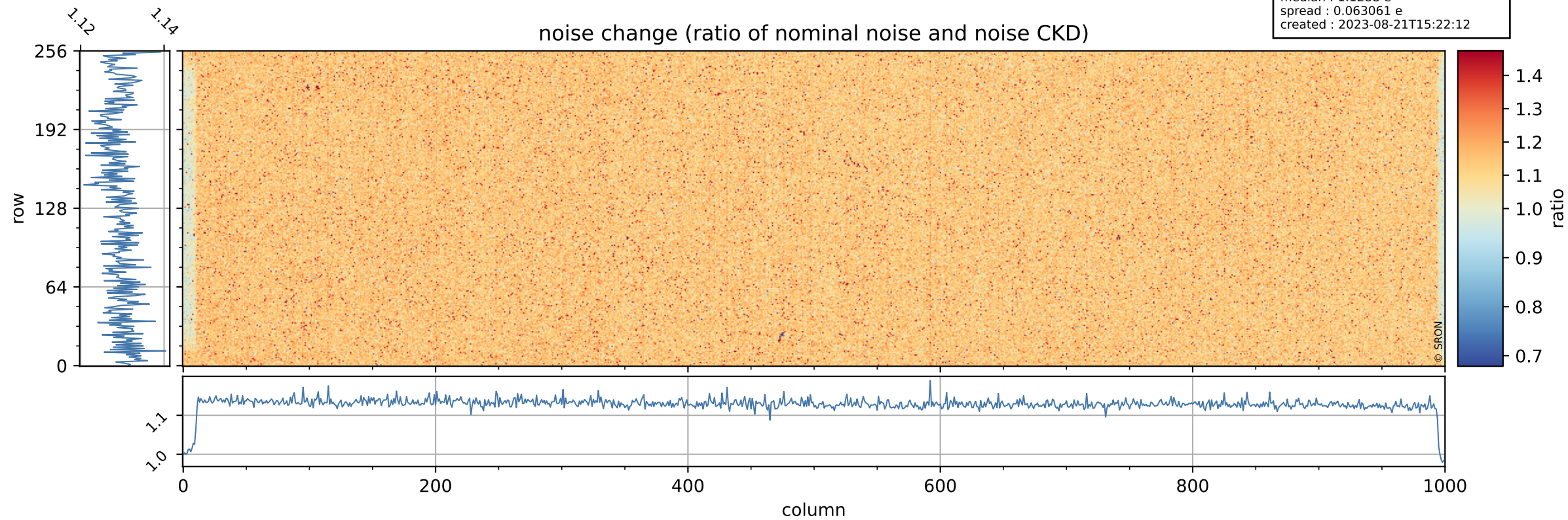
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11737, 11812]
coverage : 2020-01-18 / 2020-01-23
median : 1.0021 e
spread : 0.0080802 e
created : 2023-08-21T15:22:11



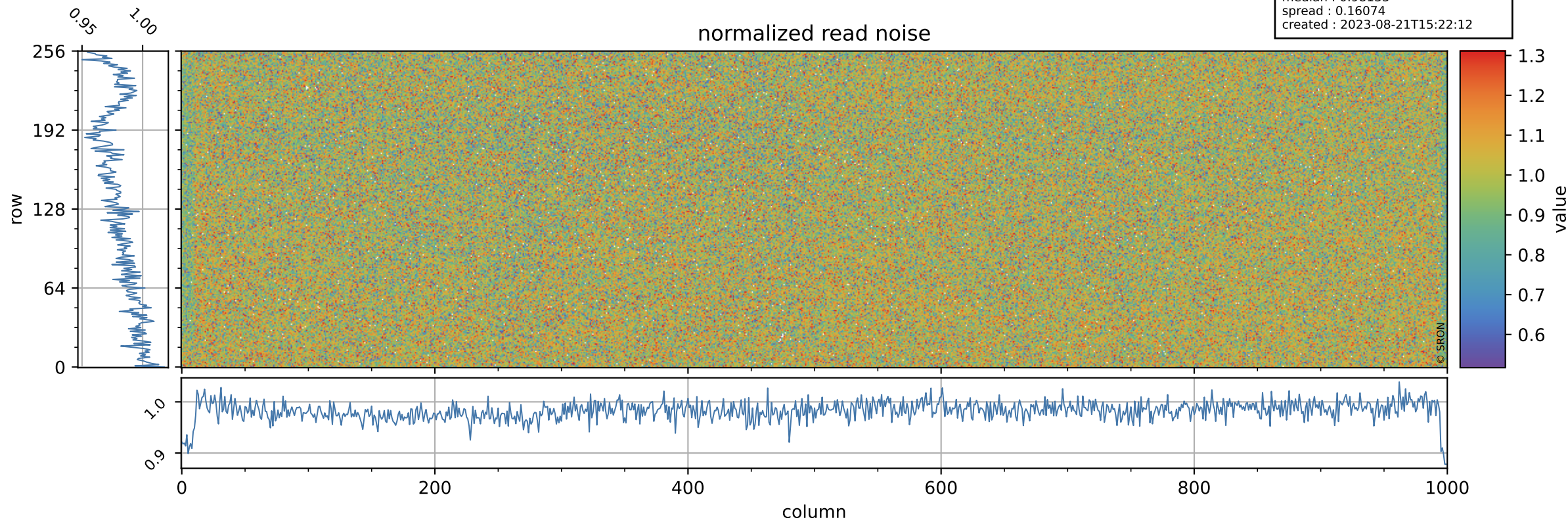
Tropomi SWIR background noise (swir)

orbits : 12 in [11737, 11812]
coverage : 2020-01-18 / 2020-01-23
median : 1.1288 e
spread : 0.063061 e
created : 2023-08-21T15:22:12



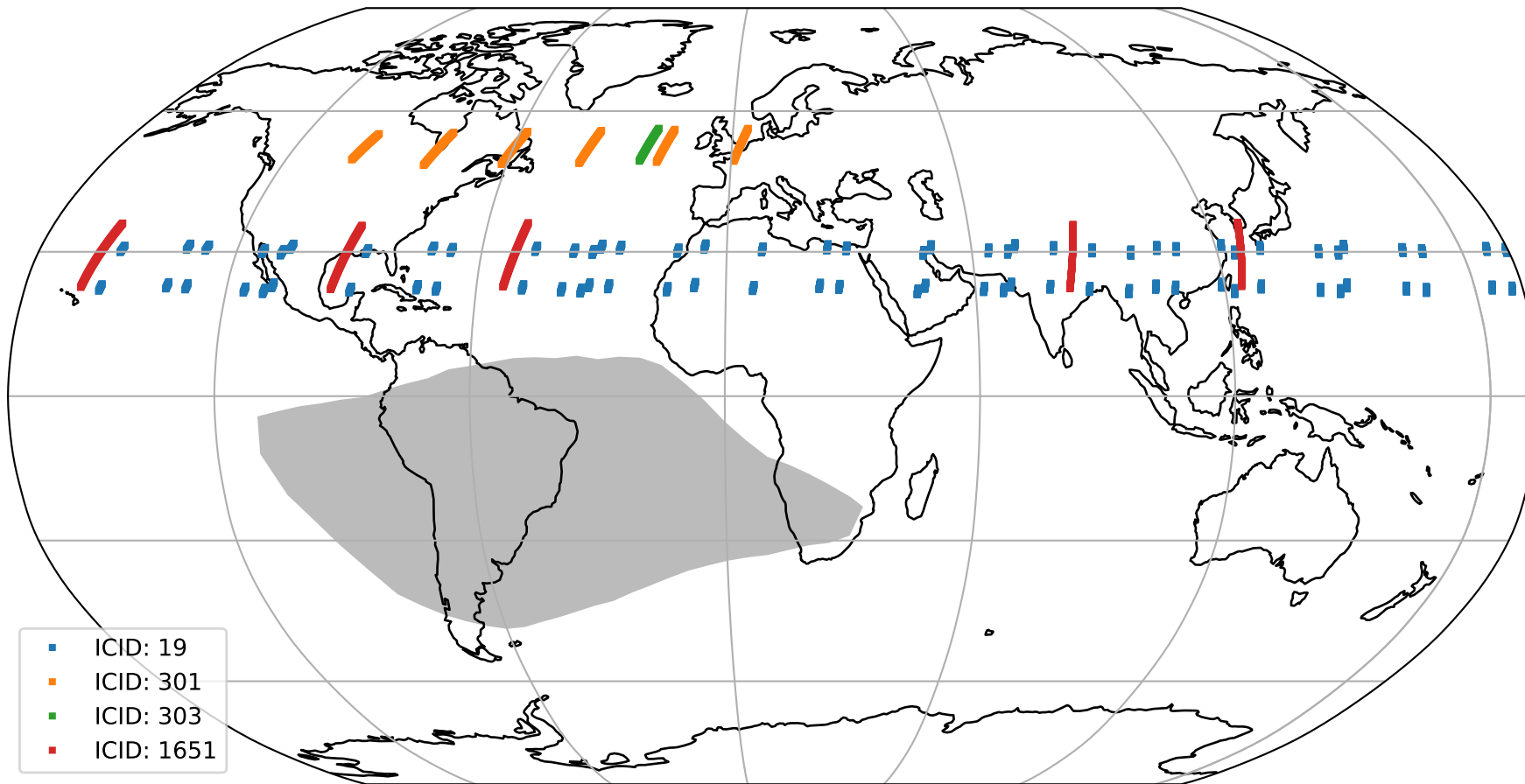
Tropomi SWIR background noise (swir)

orbits : 12 in [11737, 11812]
coverage : 2020-01-18 / 2020-01-23
median : 0.98133
spread : 0.16074
created : 2023-08-21T15:22:12



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

orbits : 12 in [11737, 11812]
coverage : 2020-01-18 / 2020-01-23
created : 2023-08-21T15:22:12

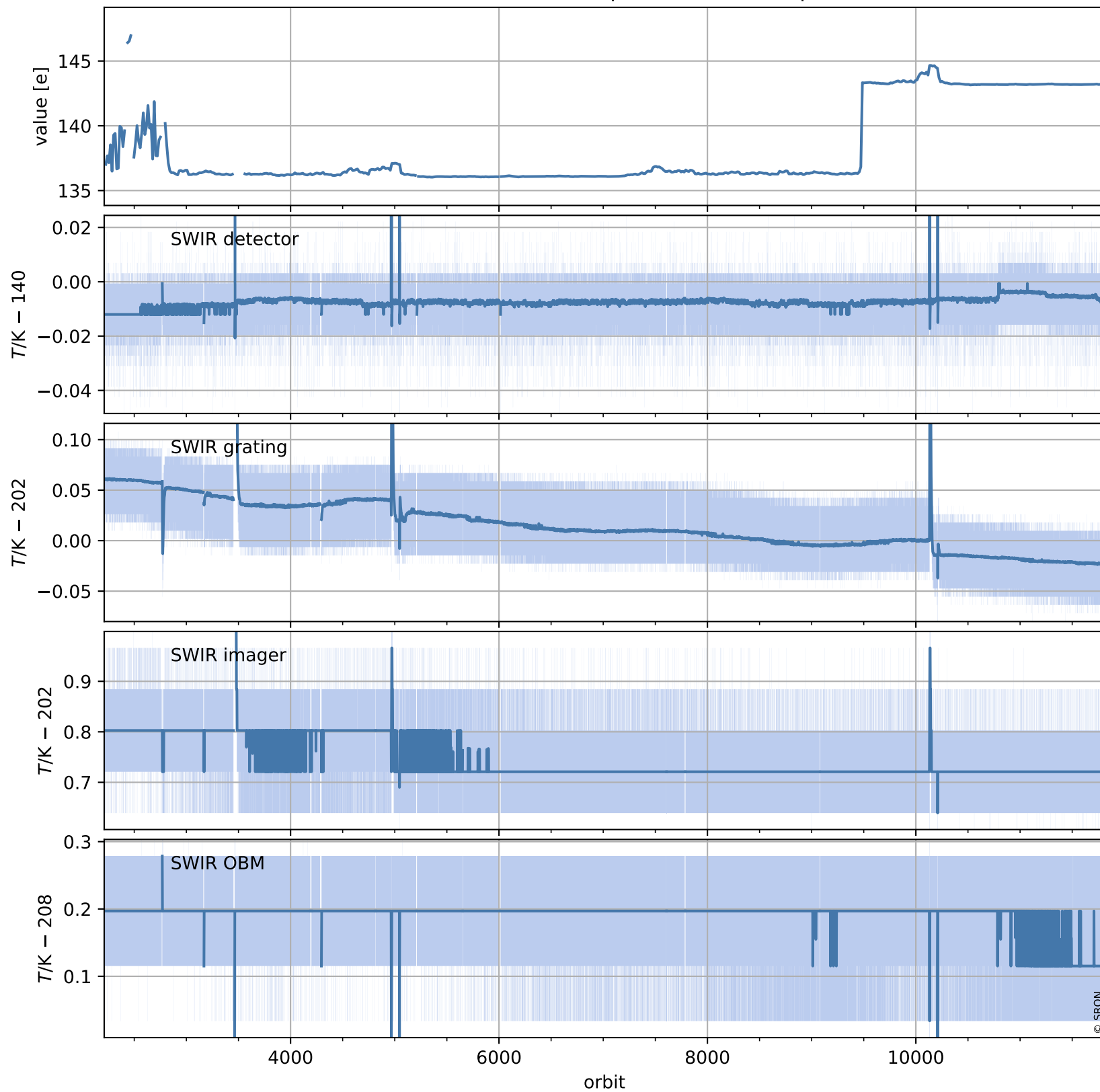


- ICID: 19
- ICID: 301
- ICID: 303
- ICID: 1651

Tropomi SWIR background noise (swir)

orbits : [2212, 11812]
coverage : 2018-03-18 / 2020-01-23
created : 2023-08-21T15:22:13

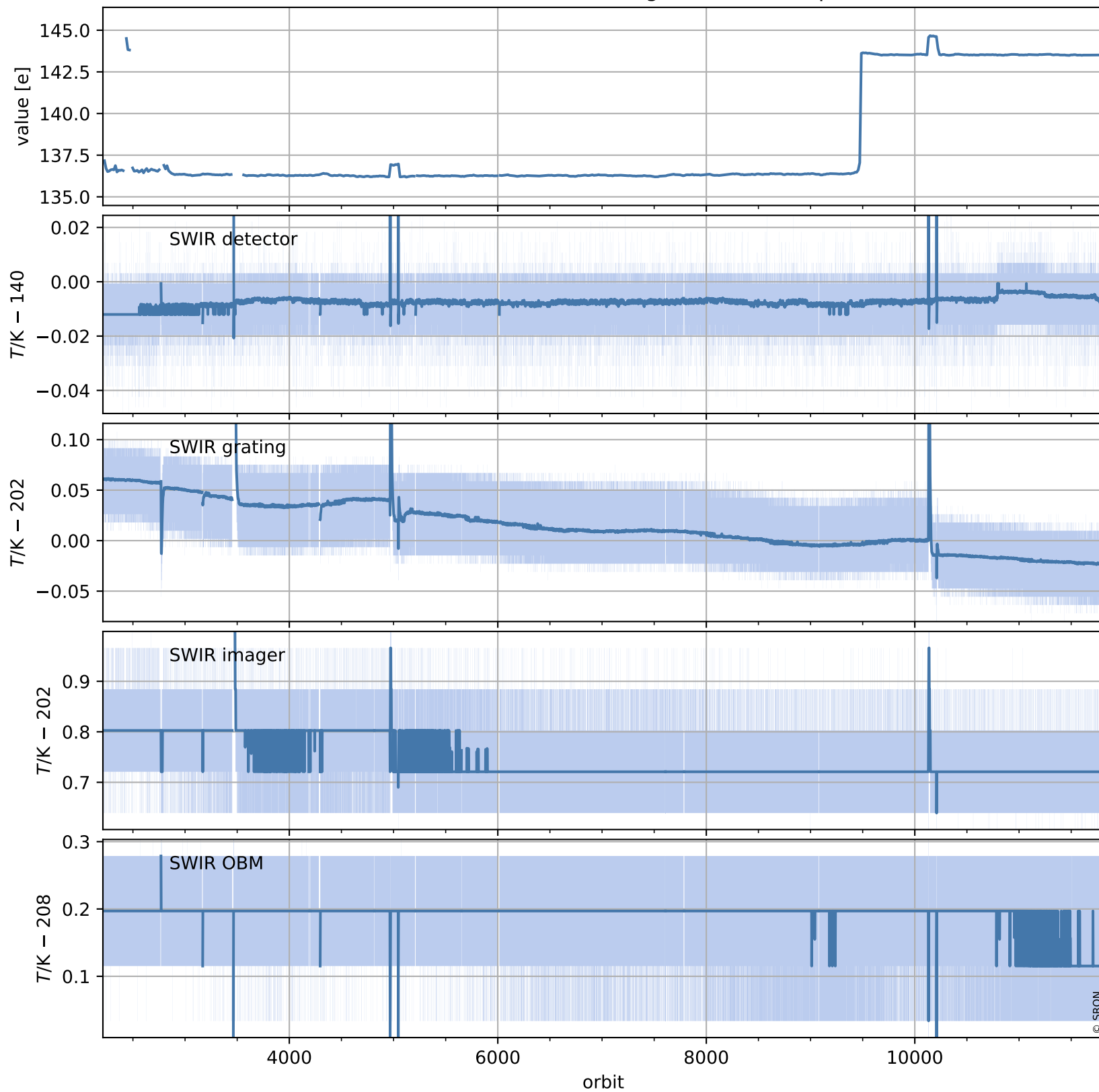
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11812]
coverage : 2018-03-18 / 2020-01-23
created : 2023-08-21T15:22:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11812]
coverage : 2018-03-18 / 2020-01-23
created : 2023-08-21T15:22:14

trend of normalized read-noise & temperatures

