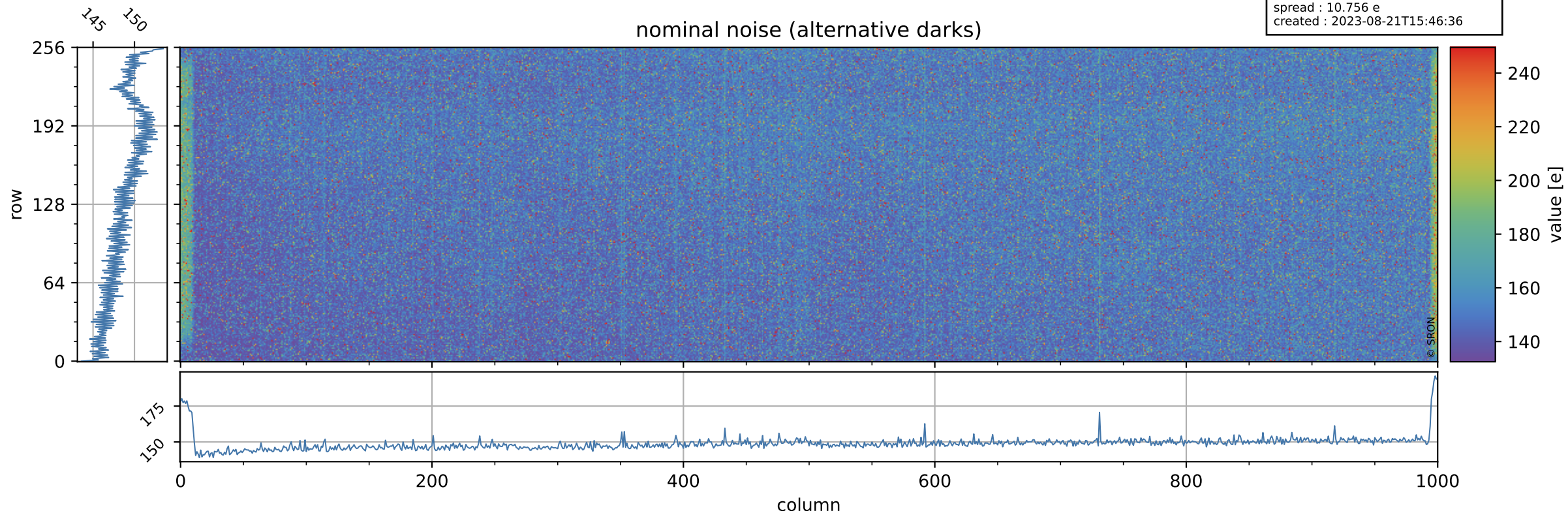


Tropomi SWIR background noise (swir)

orbits : 12 in [16162, 16252]
coverage : 2020-11-25 / 2020-12-01
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.756 e
created : 2023-08-21T15:46:36

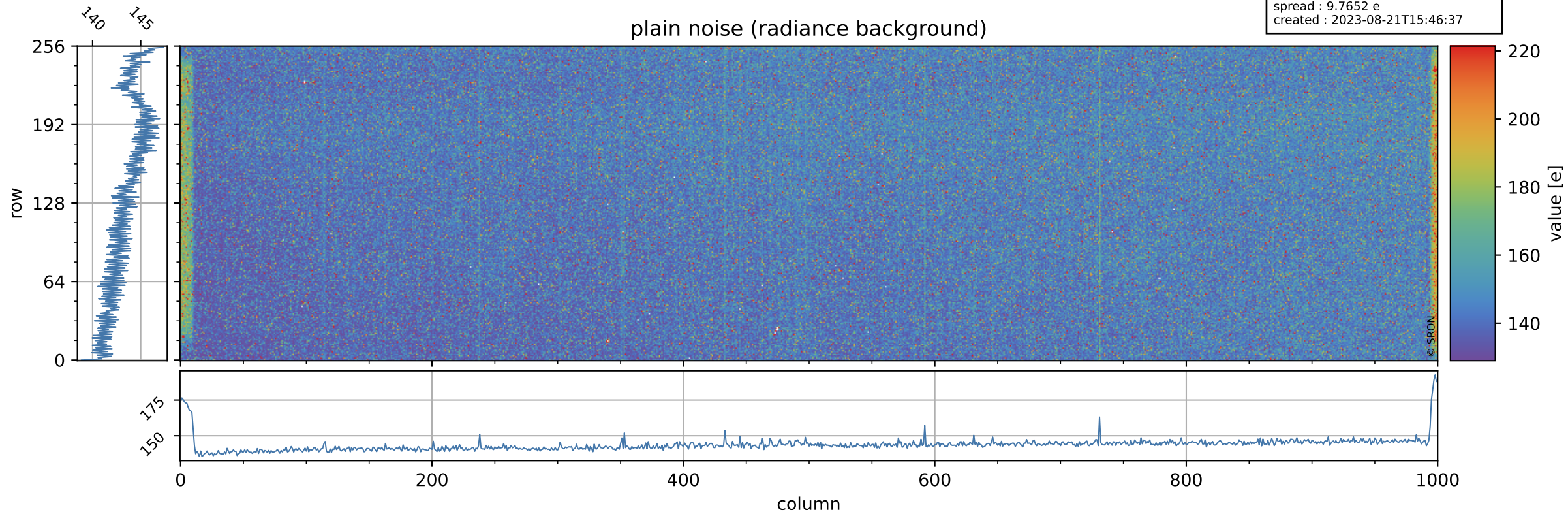
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16162, 16252]
coverage : 2020-11-25 / 2020-12-01
n_coad, t_exp : 1, 0.8383
median : 143.4 e
spread : 9.7652 e
created : 2023-08-21T15:46:37

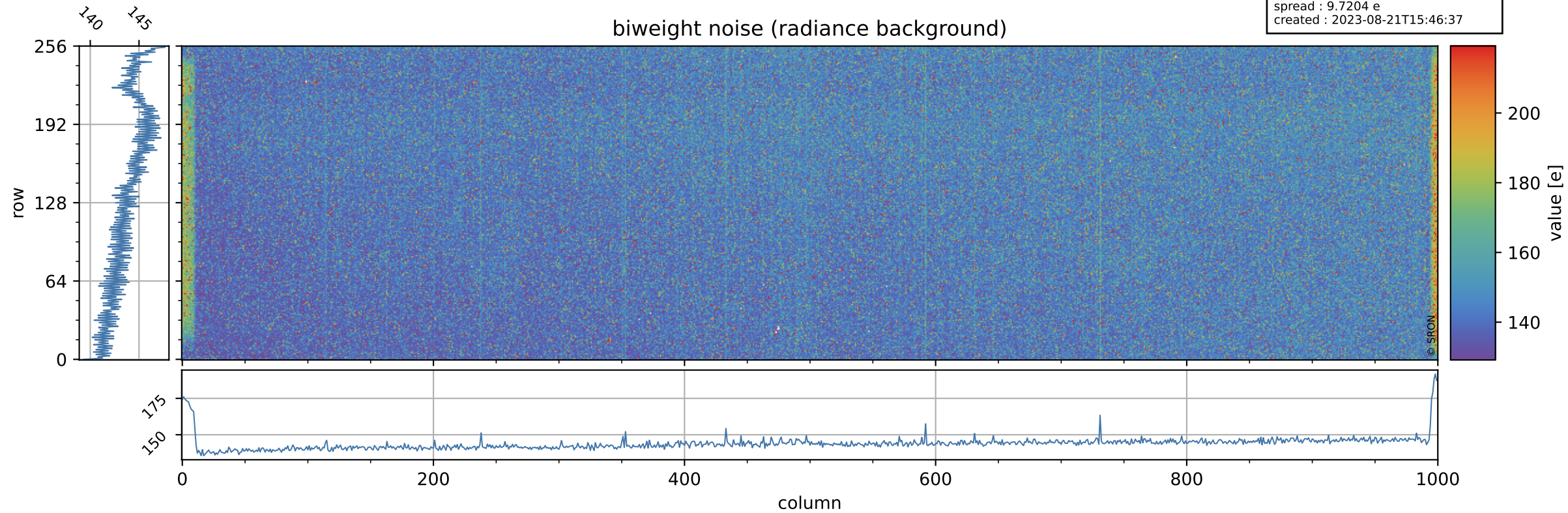
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16162, 16252]
coverage : 2020-11-25 / 2020-12-01
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.7204 e
created : 2023-08-21T15:46:37

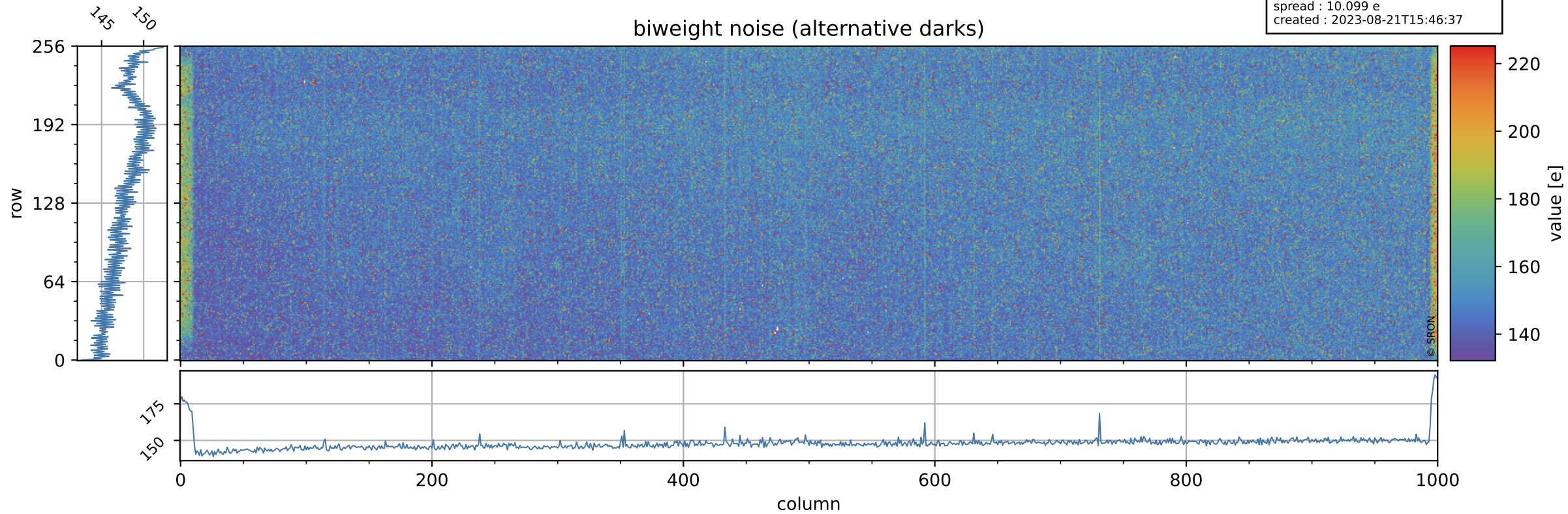
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16162, 16252]
coverage : 2020-11-25 / 2020-12-01
n_coad, t_exp : 1, 1.0783
median : 147.69 e
spread : 10.099 e
created : 2023-08-21T15:46:37

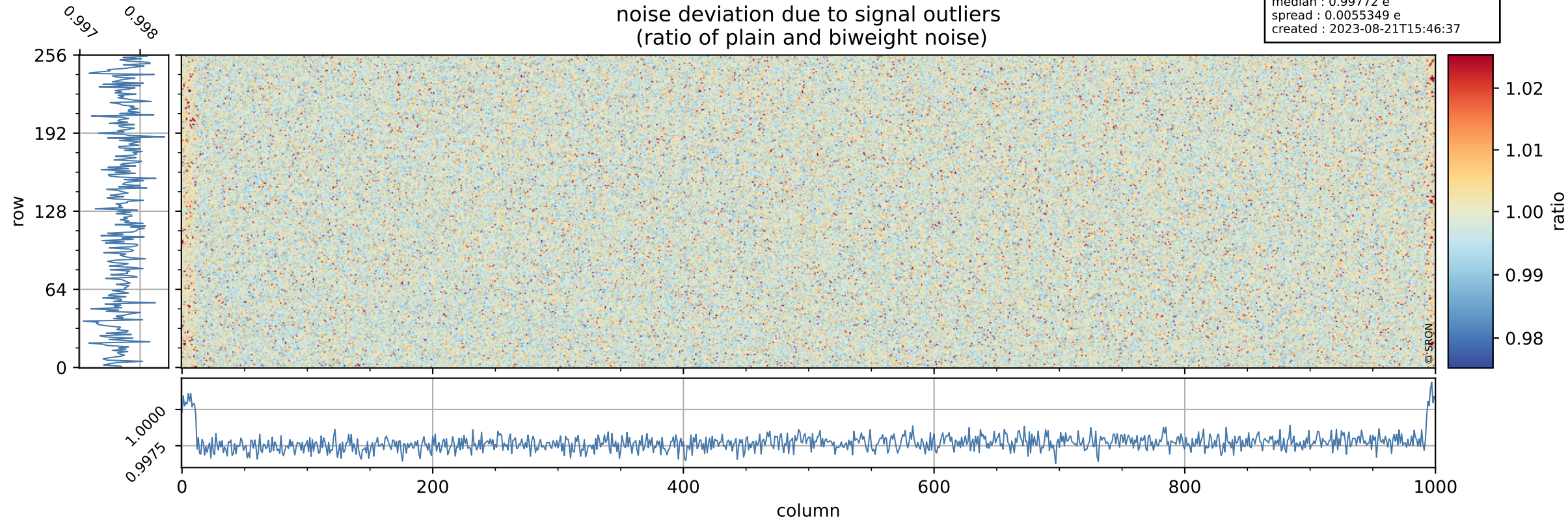
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

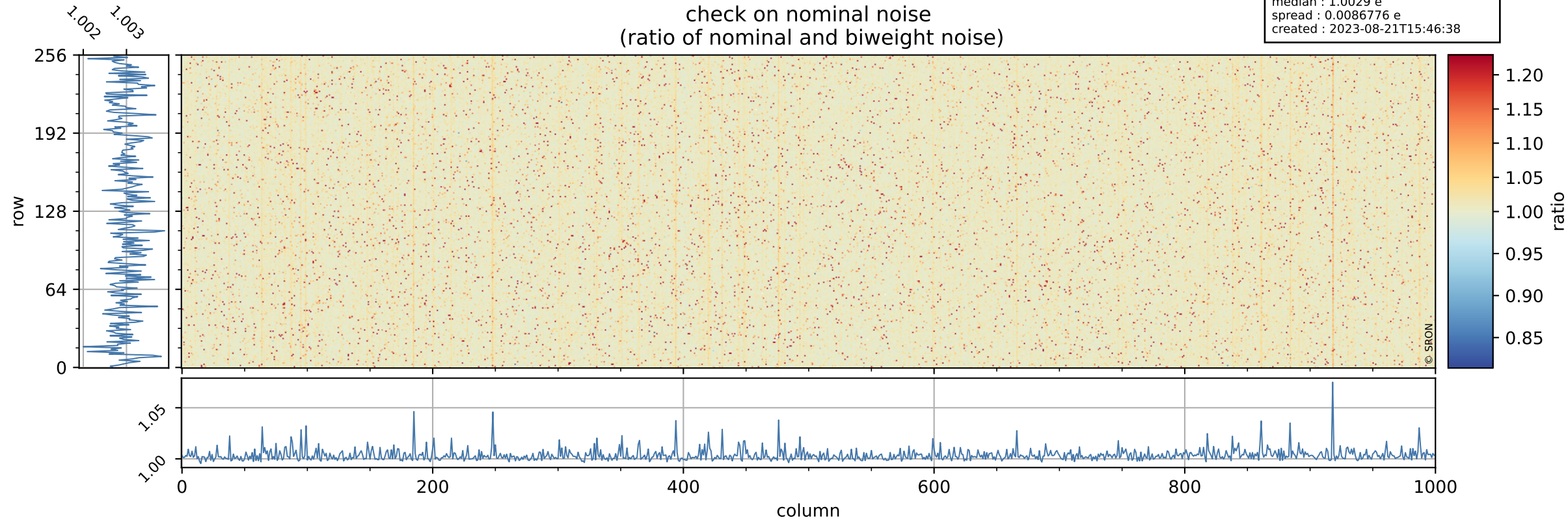
orbits : 12 in [16162, 16252]
coverage : 2020-11-25 / 2020-12-01
median : 0.99772 e
spread : 0.0055349 e
created : 2023-08-21T15:46:37



Tropomi SWIR background noise (swir)

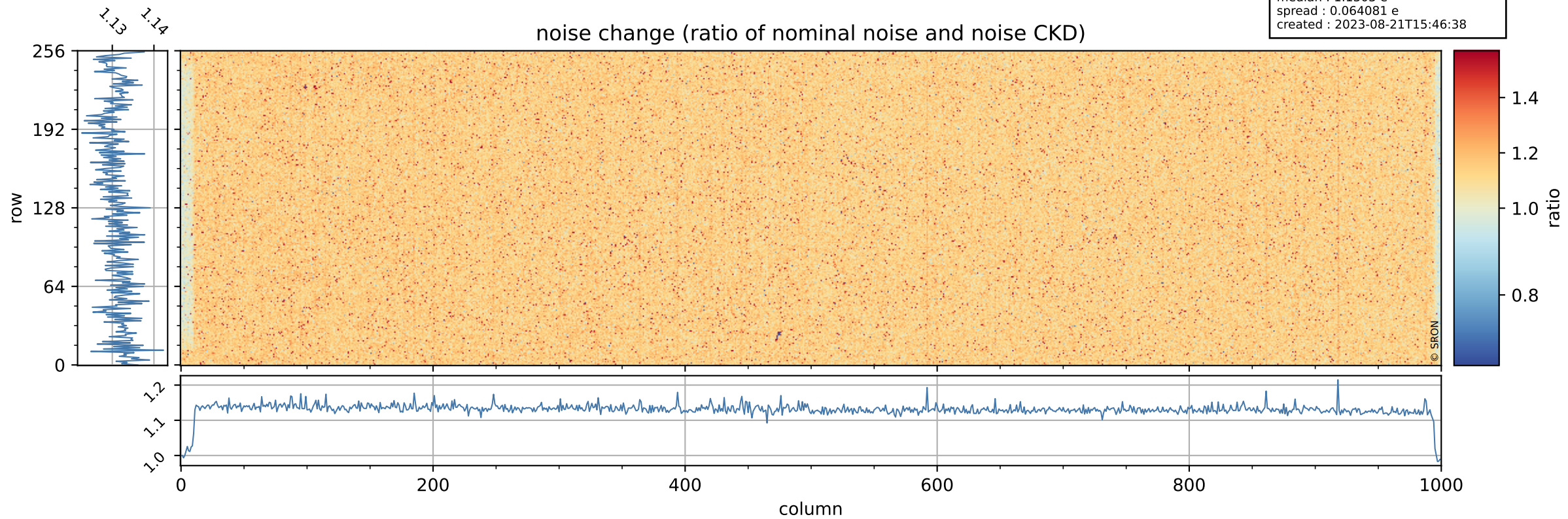
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16162, 16252]
coverage : 2020-11-25 / 2020-12-01
median : 1.0029 e
spread : 0.0086776 e
created : 2023-08-21T15:46:38



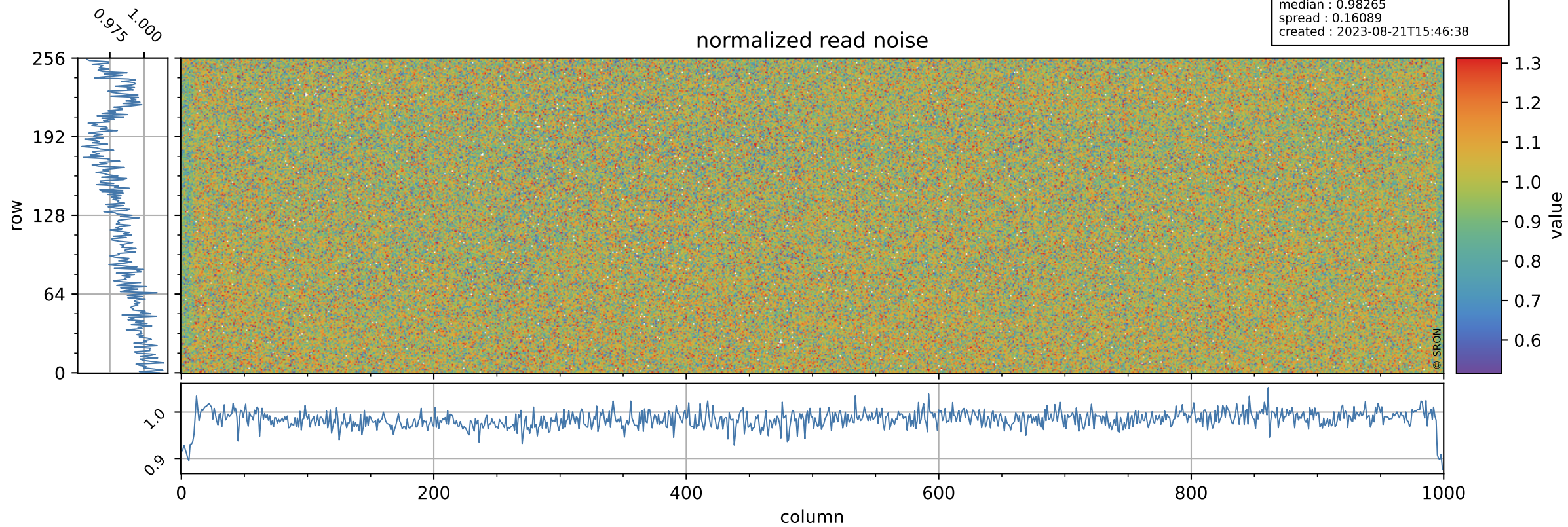
Tropomi SWIR background noise (swir)

orbits : 12 in [16162, 16252]
coverage : 2020-11-25 / 2020-12-01
median : 1.1303 e
spread : 0.064081 e
created : 2023-08-21T15:46:38



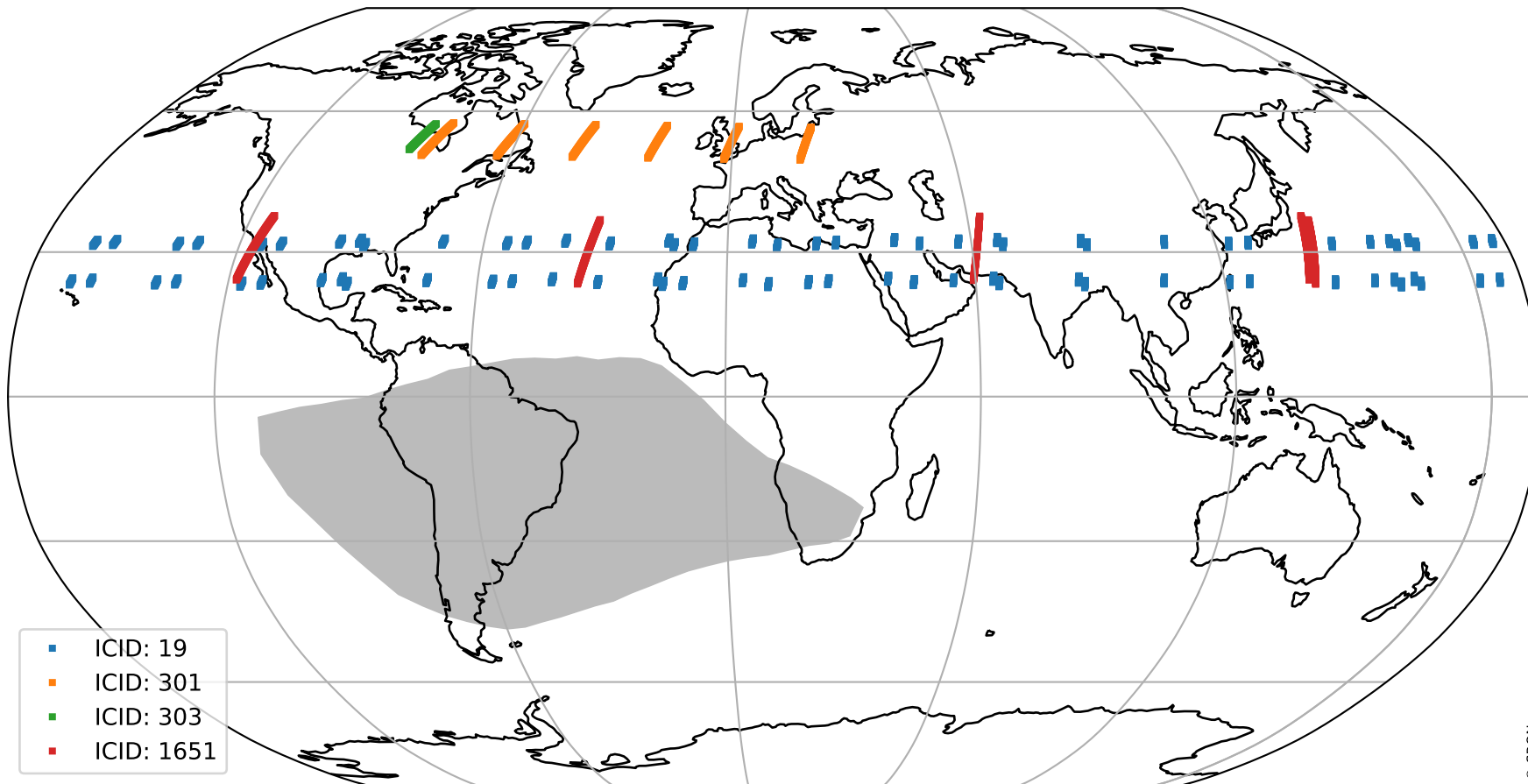
Tropomi SWIR background noise (swir)

orbits : 12 in [16162, 16252]
coverage : 2020-11-25 / 2020-12-01
median : 0.98265
spread : 0.16089
created : 2023-08-21T15:46:38



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

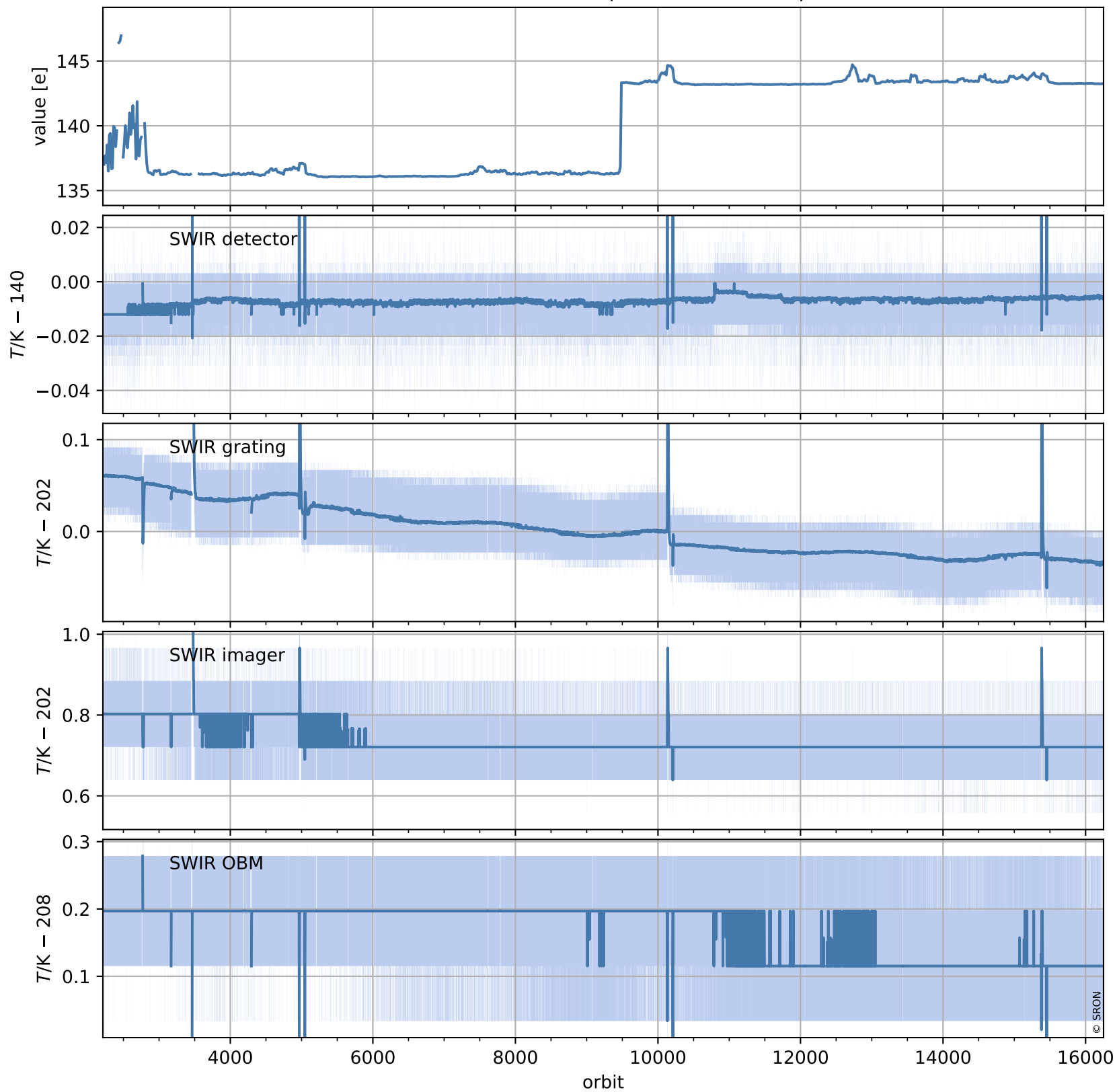
orbits : 12 in [16162, 16252]
coverage : 2020-11-25 / 2020-12-01
created : 2023-08-21T15:46:39



Tropomi SWIR background noise (swir)

orbits : [2212, 16252]
coverage : 2018-03-18 / 2020-12-01
created : 2023-08-21T15:46:39

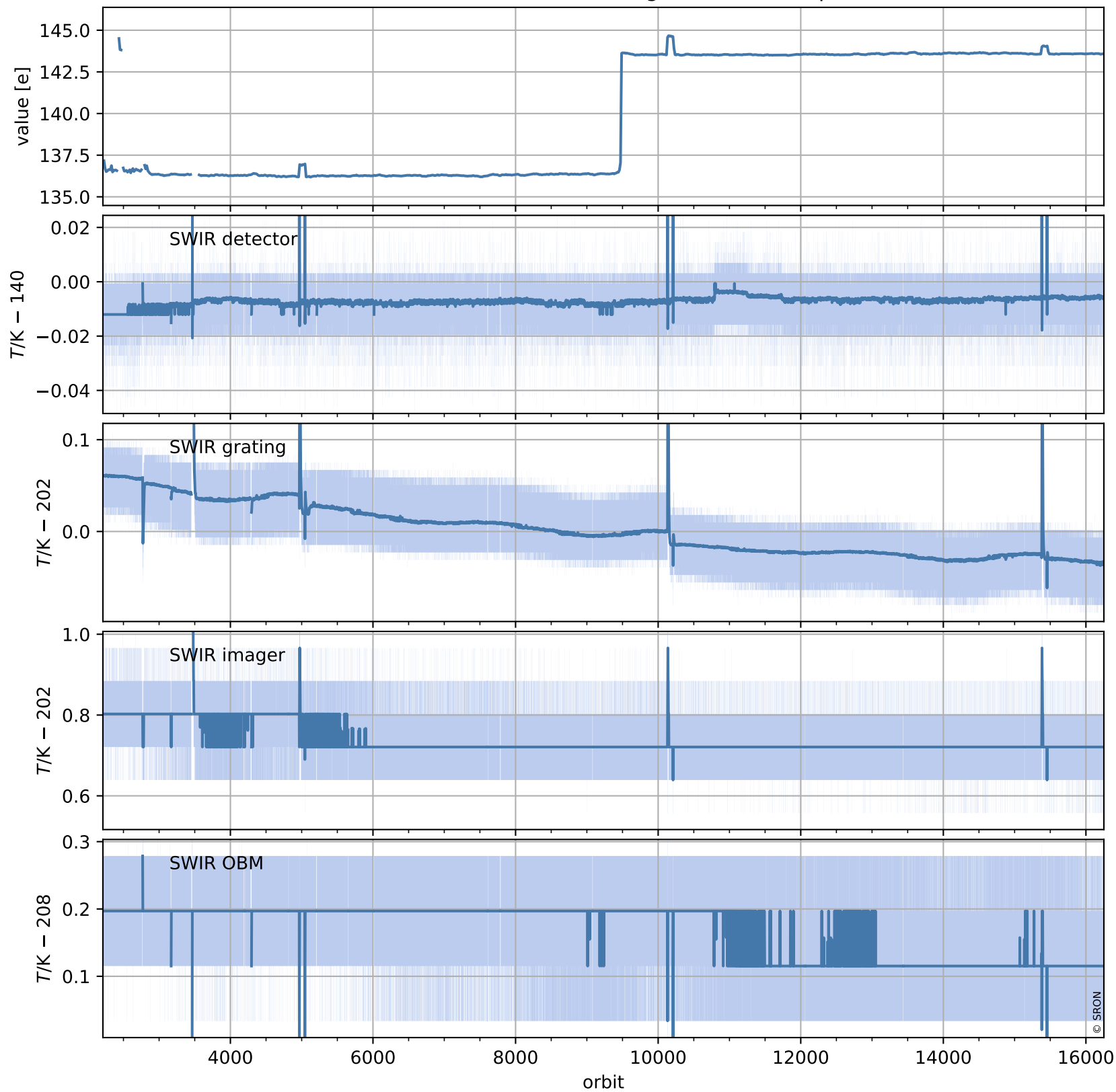
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16252]
coverage : 2018-03-18 / 2020-12-01
created : 2023-08-21T15:46:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16252]
coverage : 2018-03-18 / 2020-12-01
created : 2023-08-21T15:46:40

trend of normalized read-noise & temperatures

