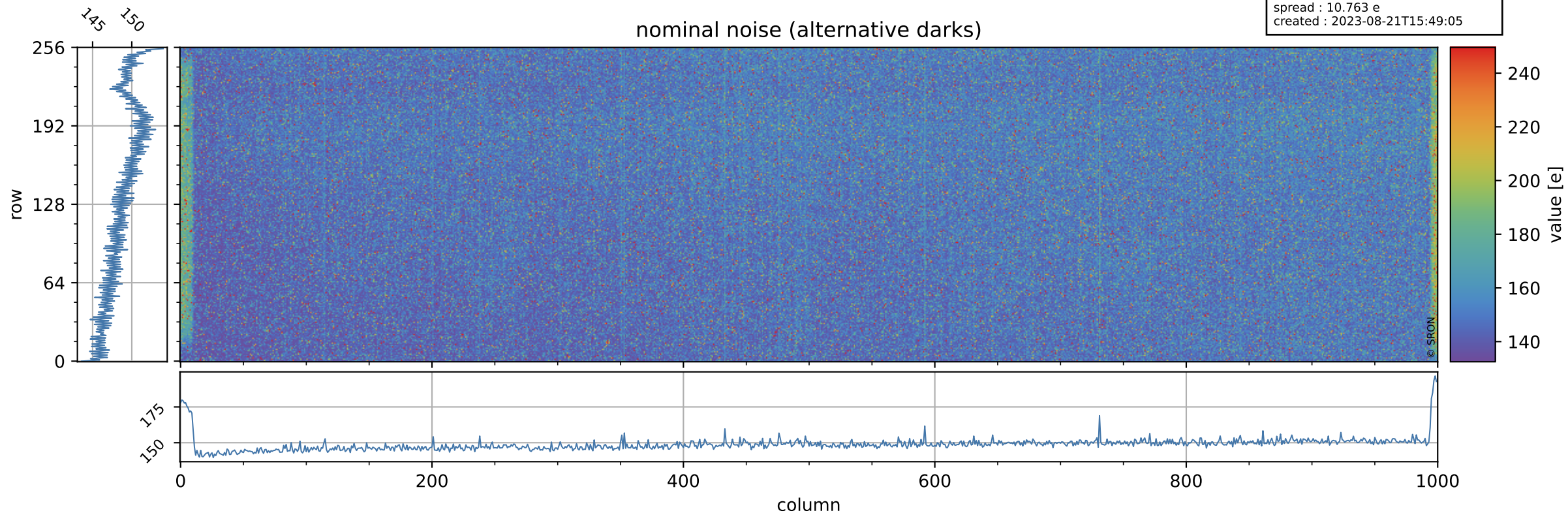


Tropomi SWIR background noise (swir)

orbits : 12 in [16597, 16687]
coverage : 2020-12-26 / 2021-01-01
n_coad, t_exp : 1, 1.0783
median : 148.67 e
spread : 10.763 e
created : 2023-08-21T15:49:05

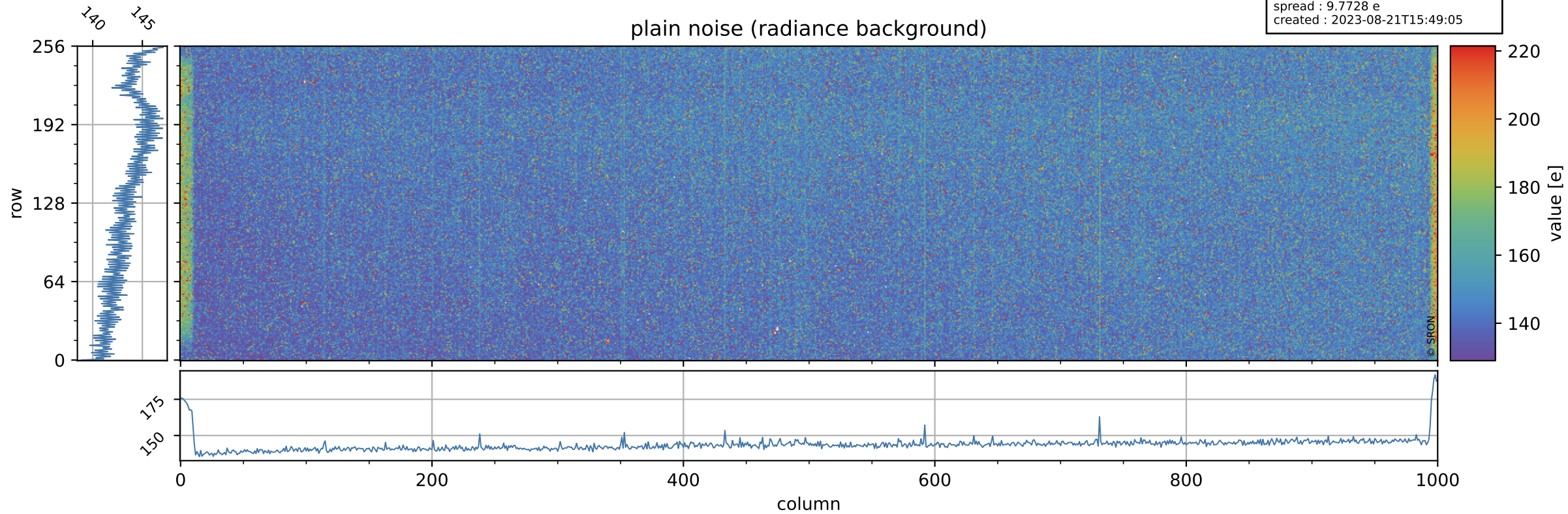
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16597, 16687]
coverage : 2020-12-26 / 2021-01-01
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.7728 e
created : 2023-08-21T15:49:05

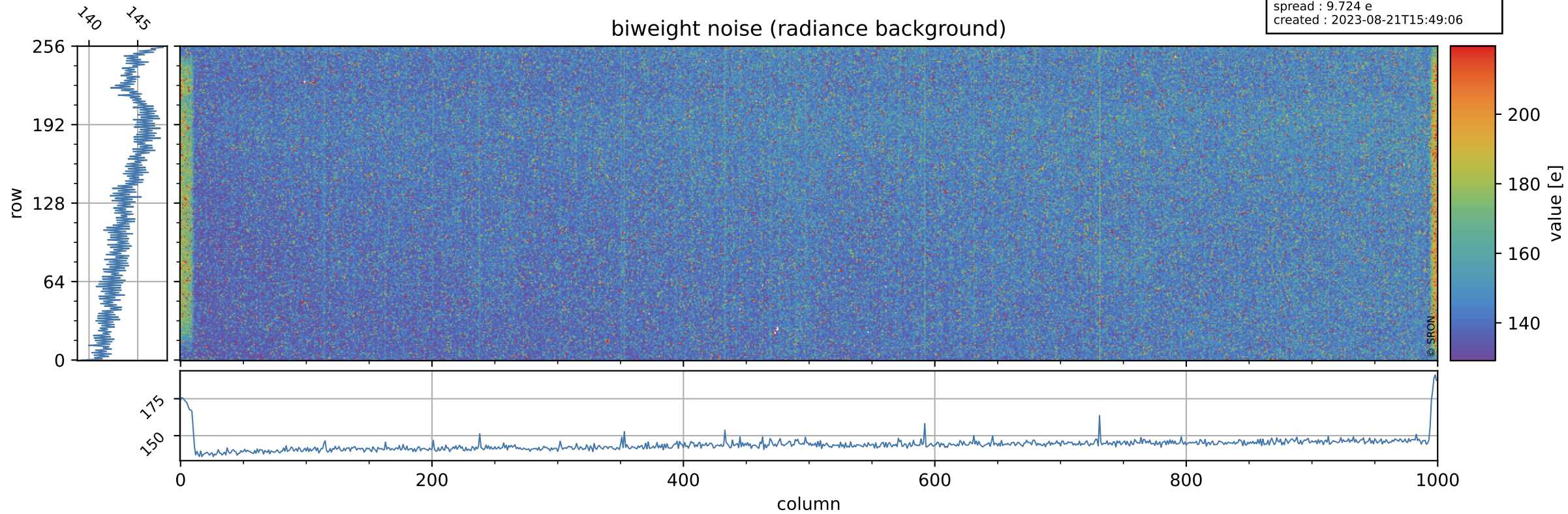
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16597, 16687]
coverage : 2020-12-26 / 2021-01-01
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.724 e
created : 2023-08-21T15:49:06

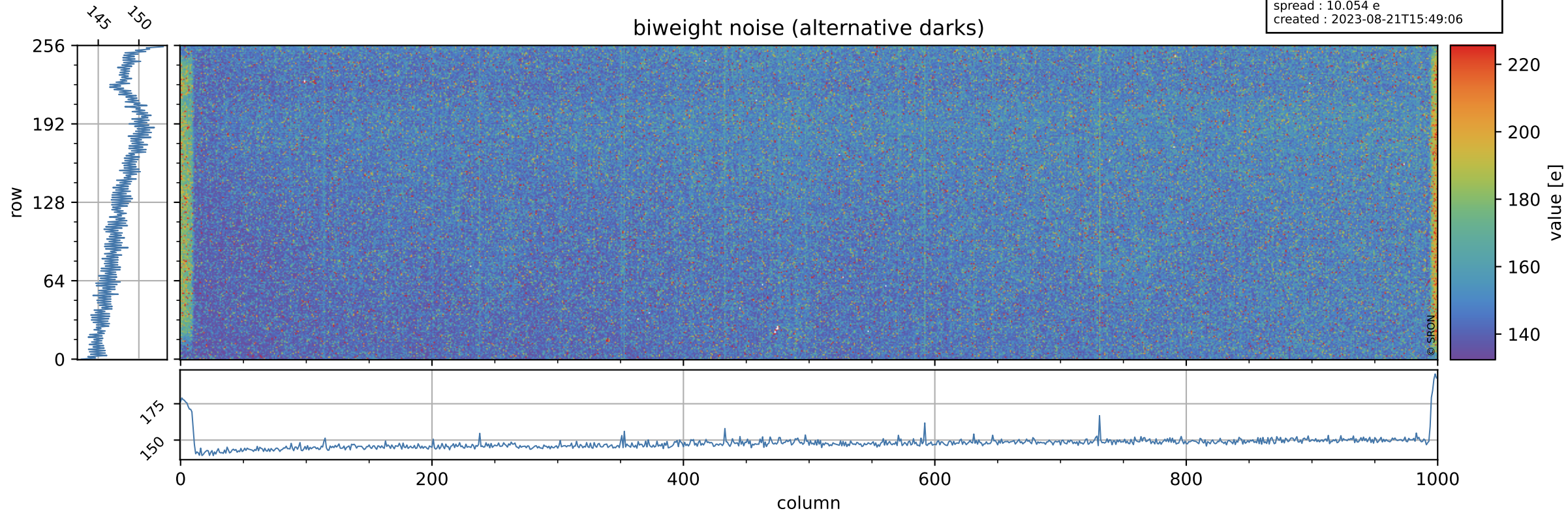
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16597, 16687]
coverage : 2020-12-26 / 2021-01-01
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.054 e
created : 2023-08-21T15:49:06

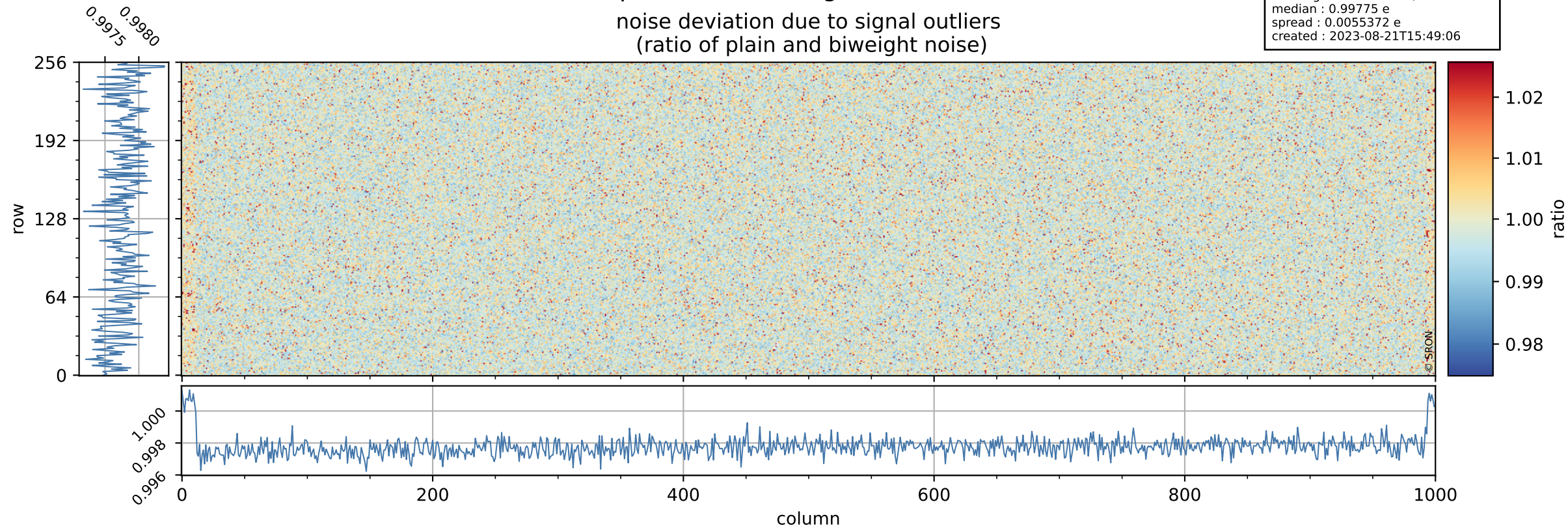
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

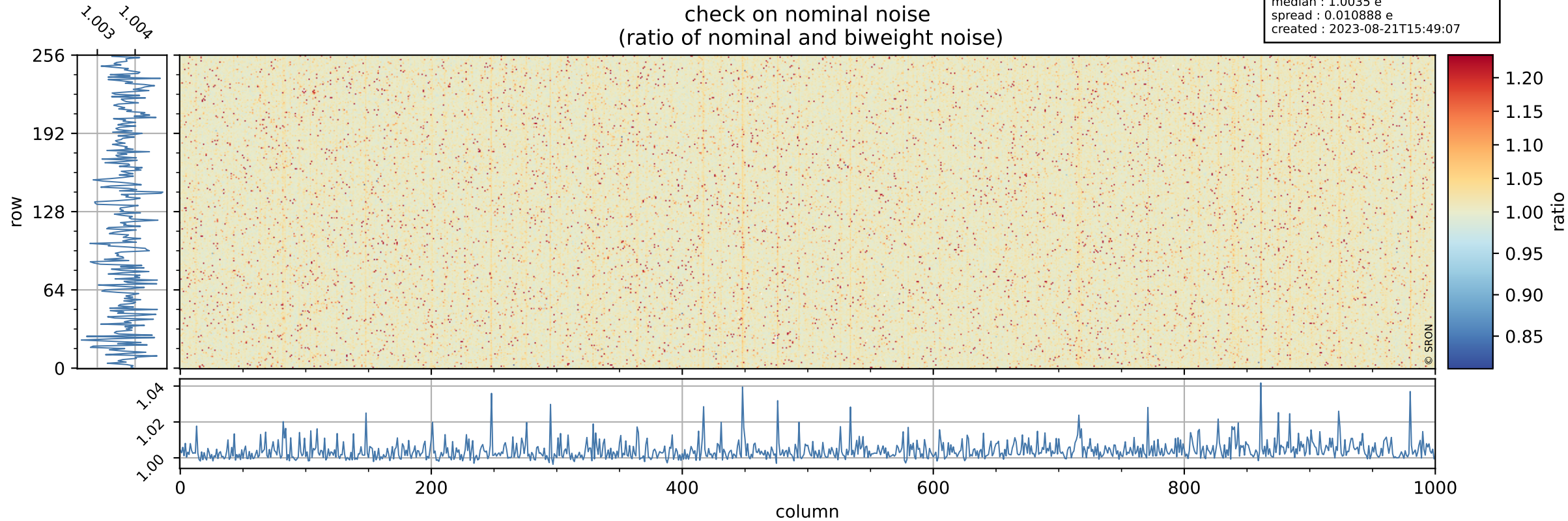
orbits : 12 in [16597, 16687]
coverage : 2020-12-26 / 2021-01-01
median : 0.99775 e
spread : 0.0055372 e
created : 2023-08-21T15:49:06



Tropomi SWIR background noise (swir)

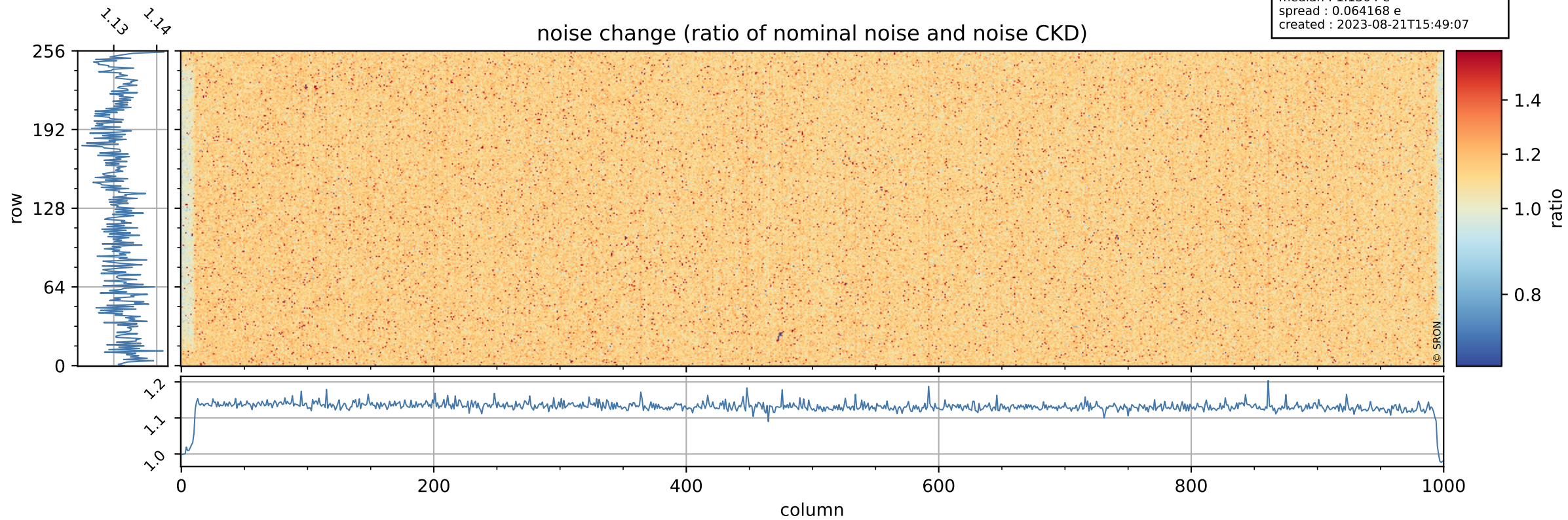
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16597, 16687]
coverage : 2020-12-26 / 2021-01-01
median : 1.0035 e
spread : 0.010888 e
created : 2023-08-21T15:49:07



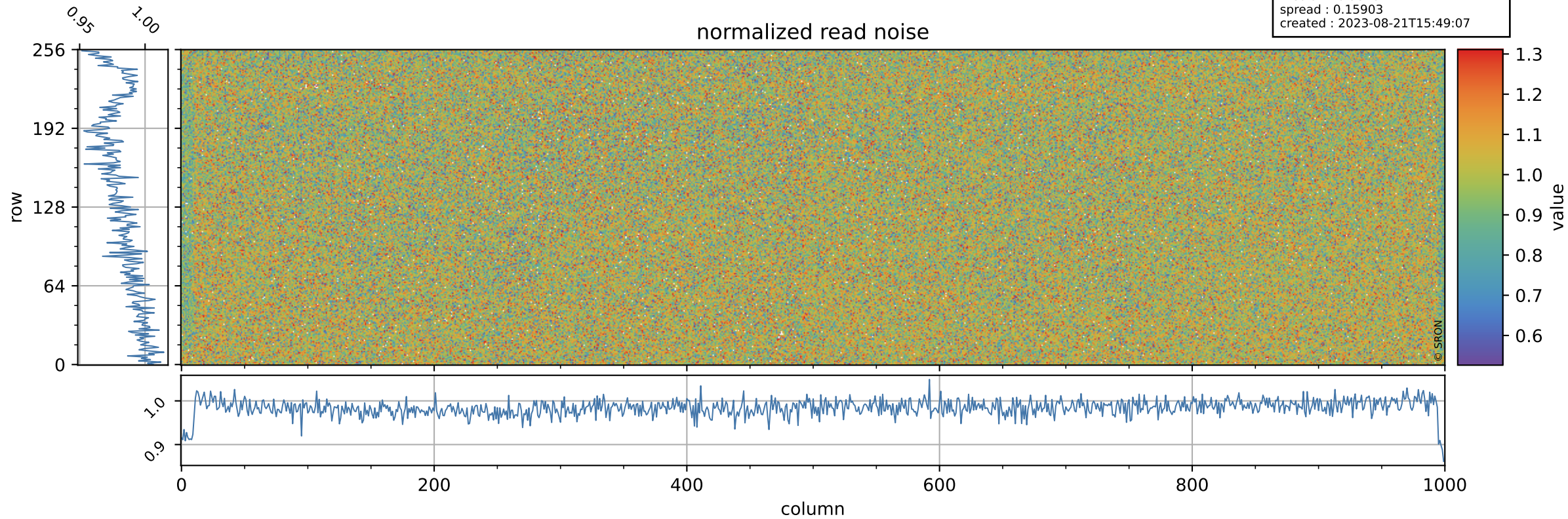
Tropomi SWIR background noise (swir)

orbits : 12 in [16597, 16687]
coverage : 2020-12-26 / 2021-01-01
median : 1.1304 e
spread : 0.064168 e
created : 2023-08-21T15:49:07



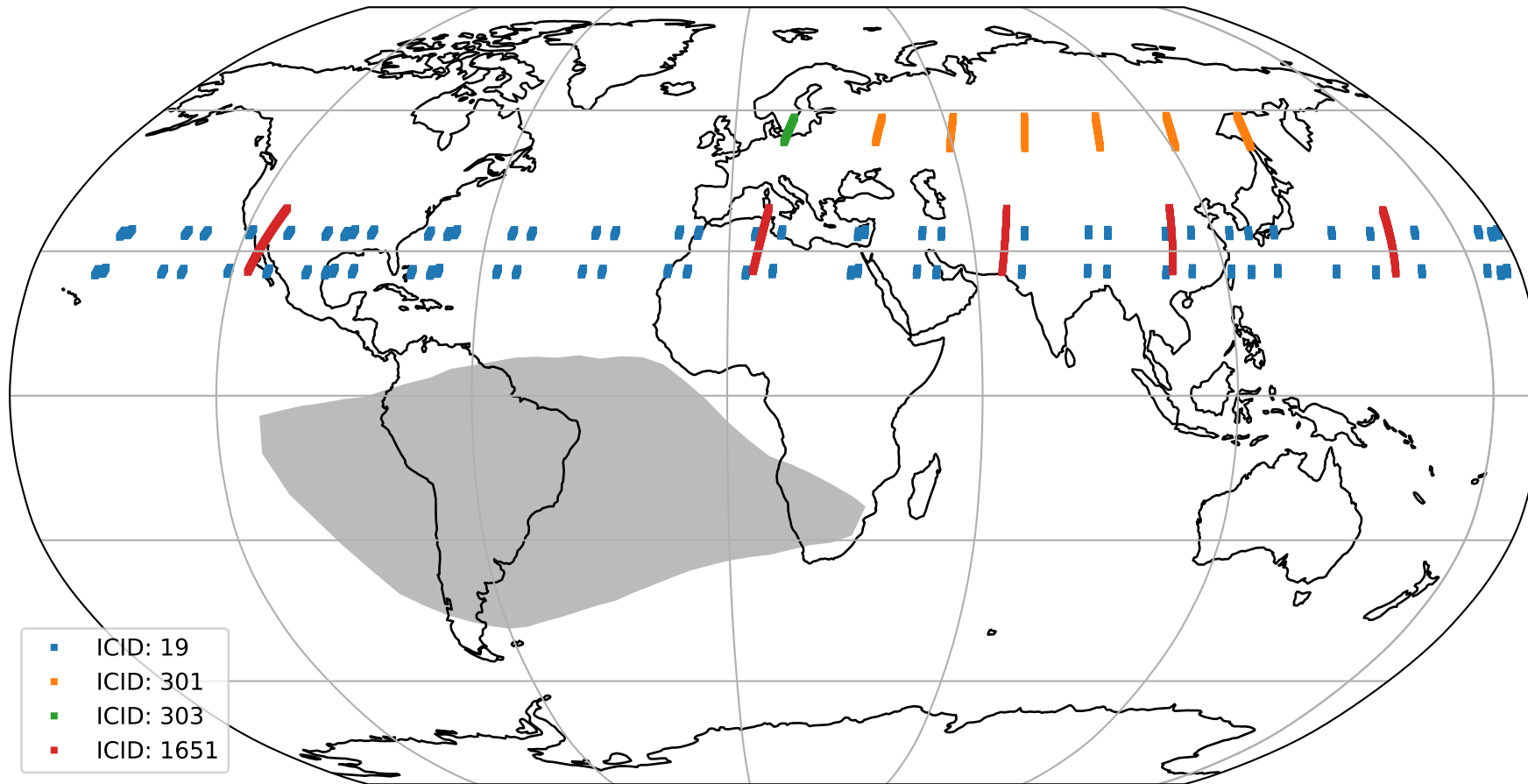
Tropomi SWIR background noise (swir)

orbits : 12 in [16597, 16687]
coverage : 2020-12-26 / 2021-01-01
median : 0.98262
spread : 0.15903
created : 2023-08-21T15:49:07



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

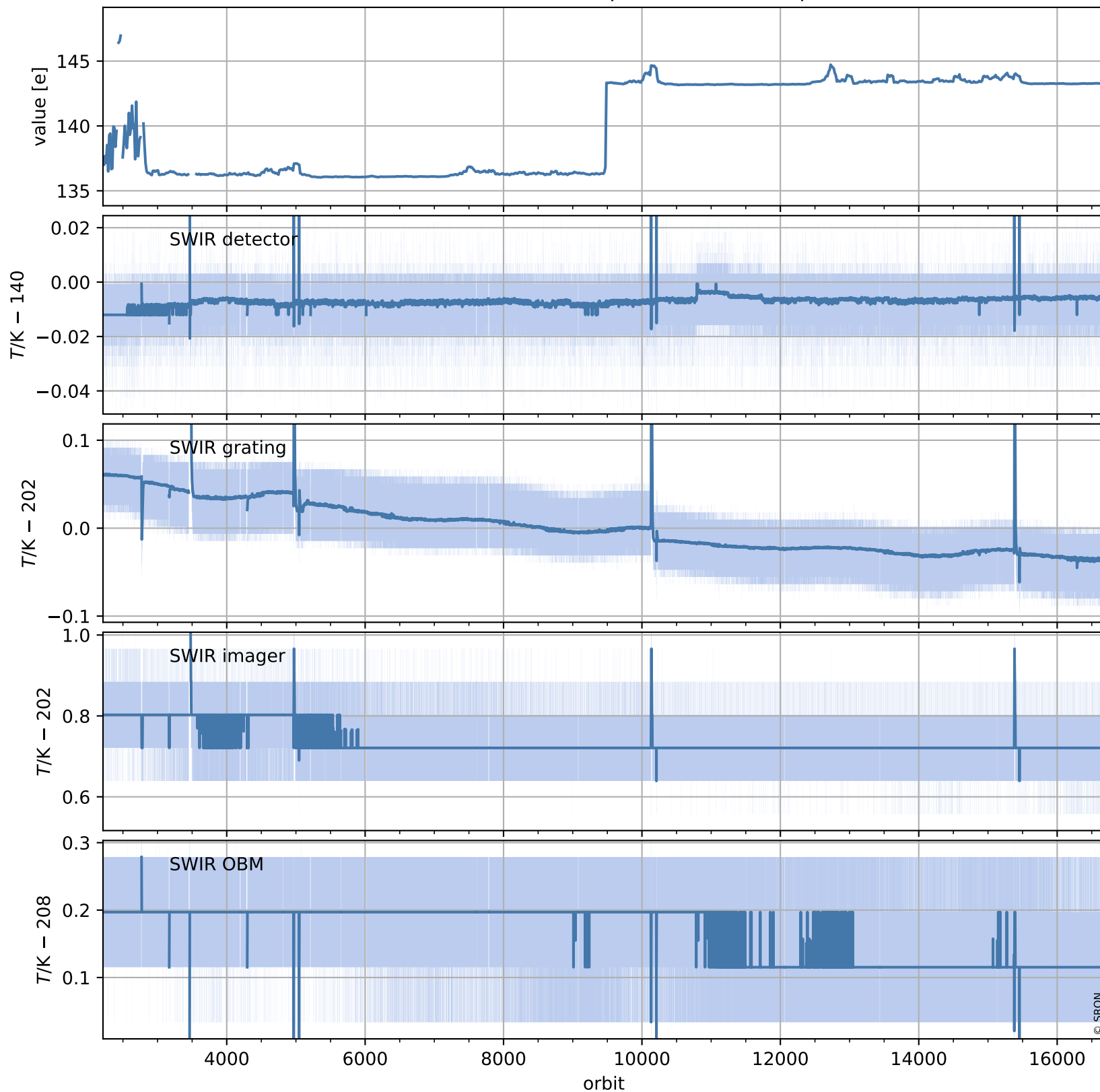
orbits : 12 in [16597, 16687]
coverage : 2020-12-26 / 2021-01-01
created : 2023-08-21T15:49:08



Tropomi SWIR background noise (swir)

orbits : [2212, 16687]
coverage : 2018-03-18 / 2021-01-01
created : 2023-08-21T15:49:08

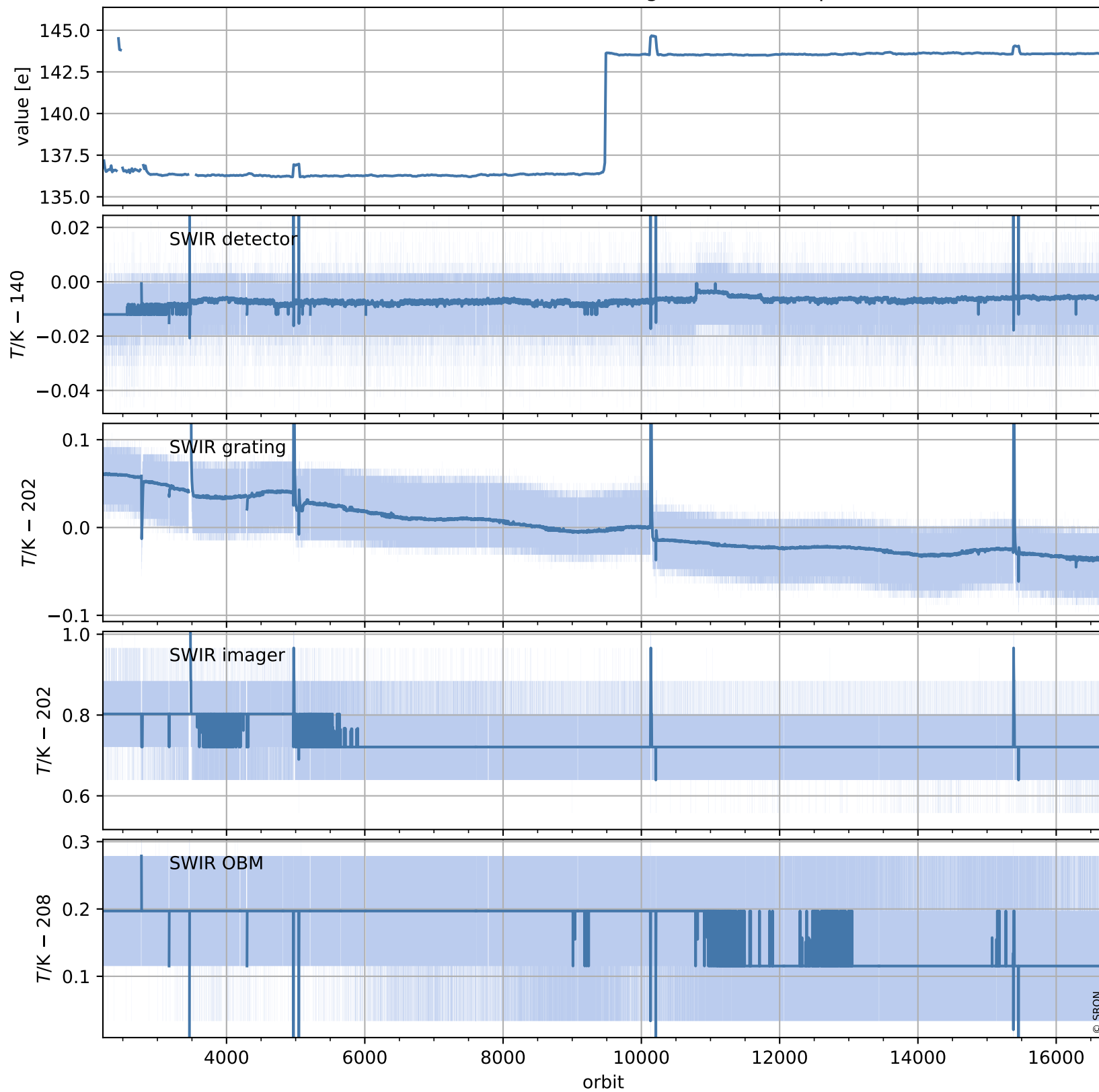
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16687]
coverage : 2018-03-18 / 2021-01-01
created : 2023-08-21T15:49:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16687]
coverage : 2018-03-18 / 2021-01-01
created : 2023-08-21T15:49:09

trend of normalized read-noise & temperatures

