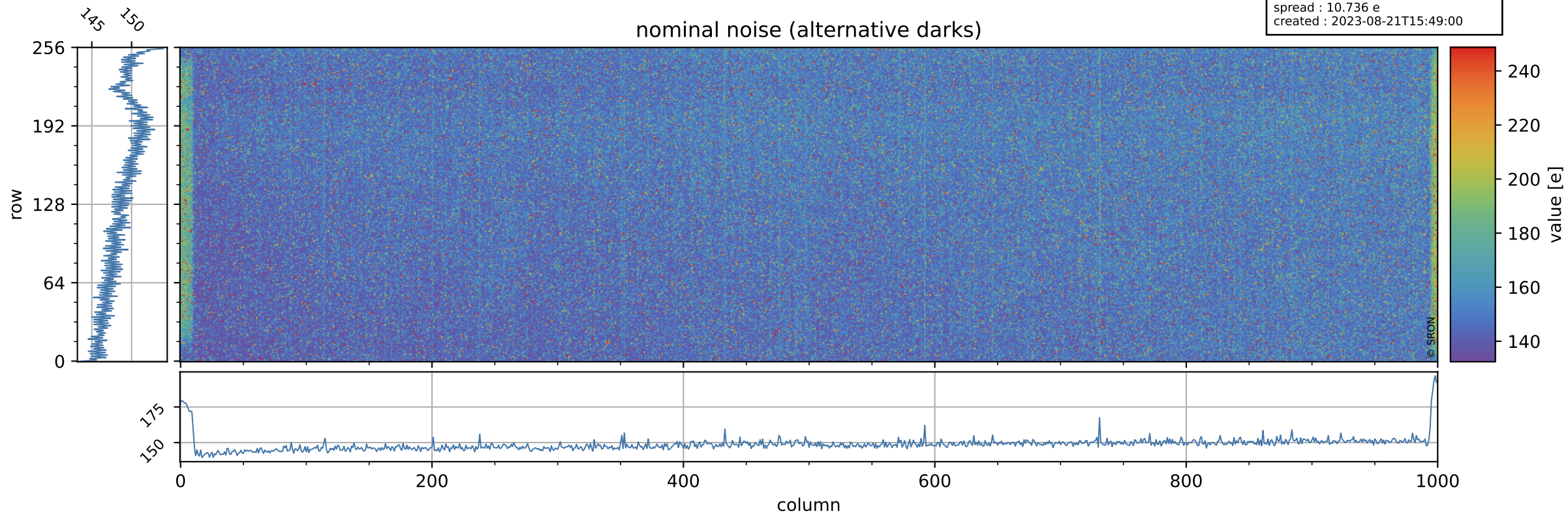


Tropomi SWIR background noise (swir)

orbits : 12 in [16597, 16672]
coverage : 2020-12-25 / 2020-12-30
n_coad, t_exp : 1, 1.0783
median : 148.59 e
spread : 10.736 e
created : 2023-08-21T15:49:00

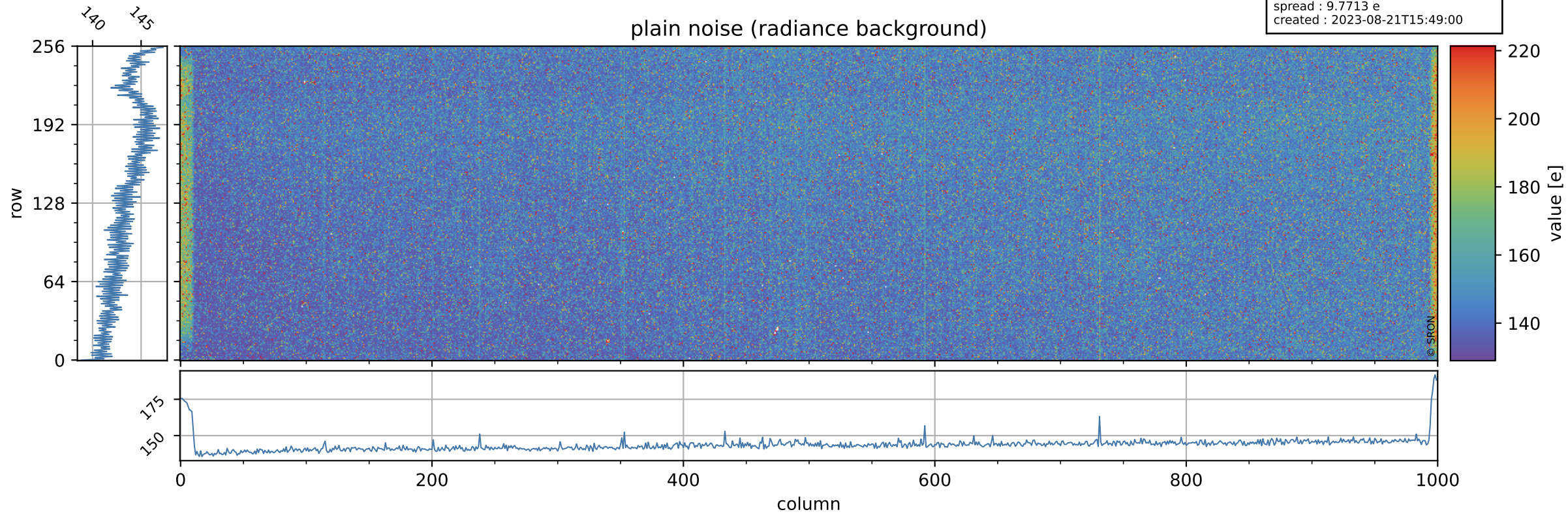
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16597, 16672]
coverage : 2020-12-25 / 2020-12-30
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7713 e
created : 2023-08-21T15:49:00

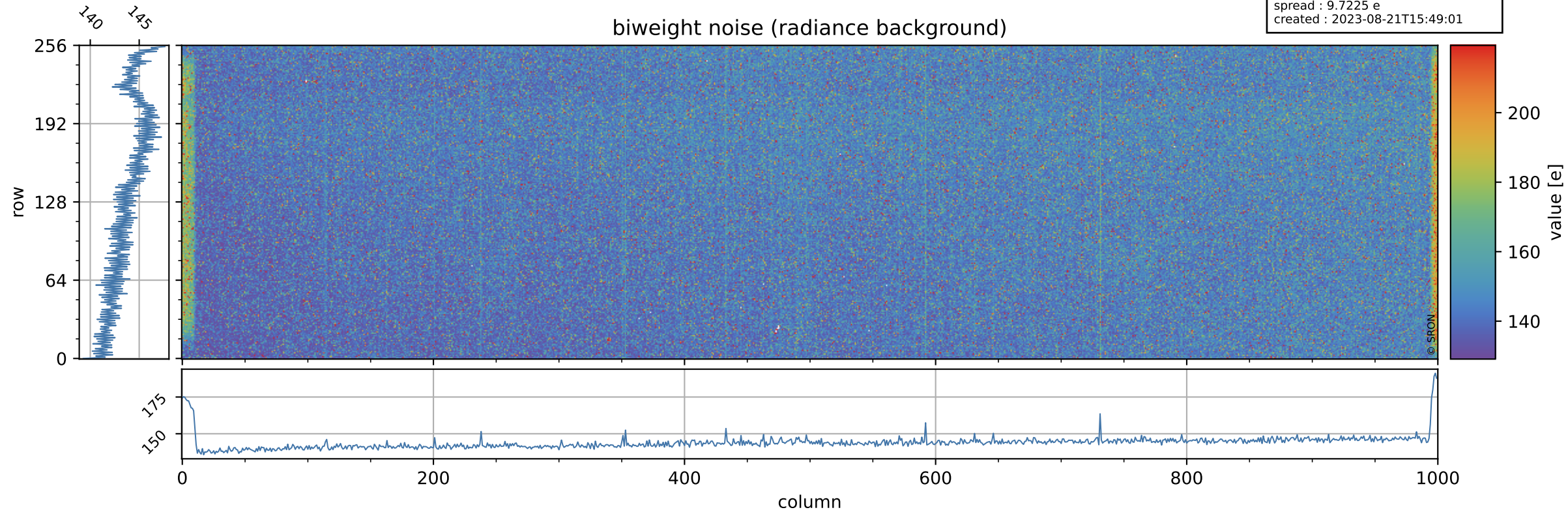
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16597, 16672]
coverage : 2020-12-25 / 2020-12-30
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.7225 e
created : 2023-08-21T15:49:01

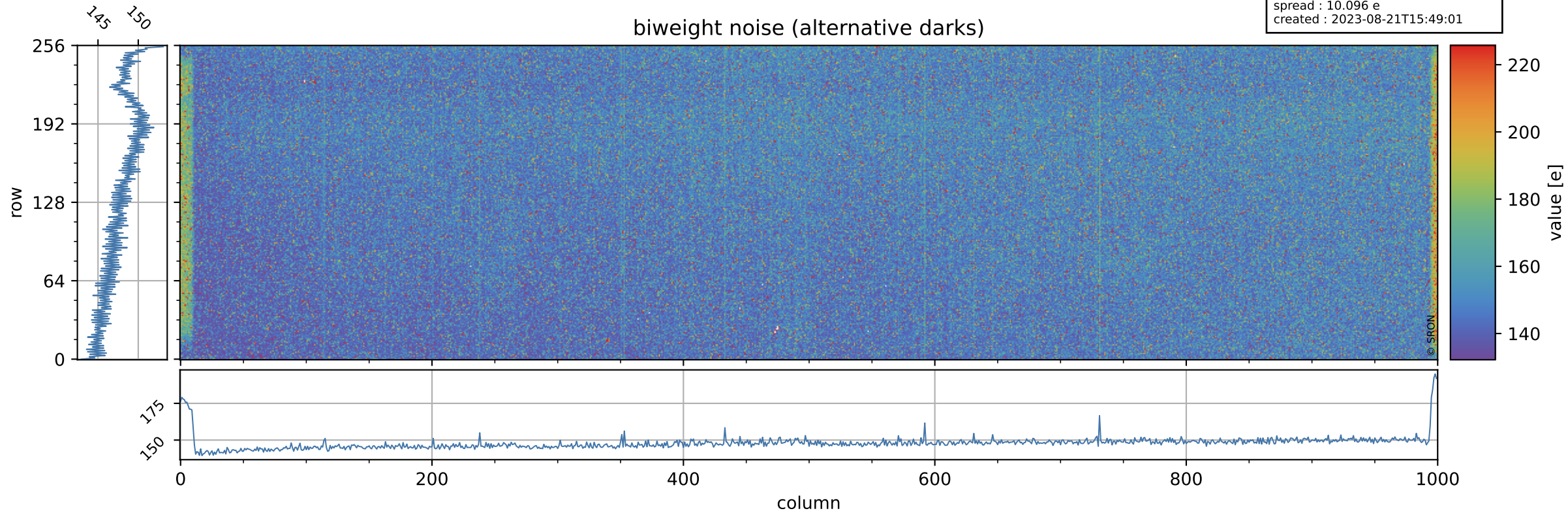
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16597, 16672]
coverage : 2020-12-25 / 2020-12-30
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.096 e
created : 2023-08-21T15:49:01

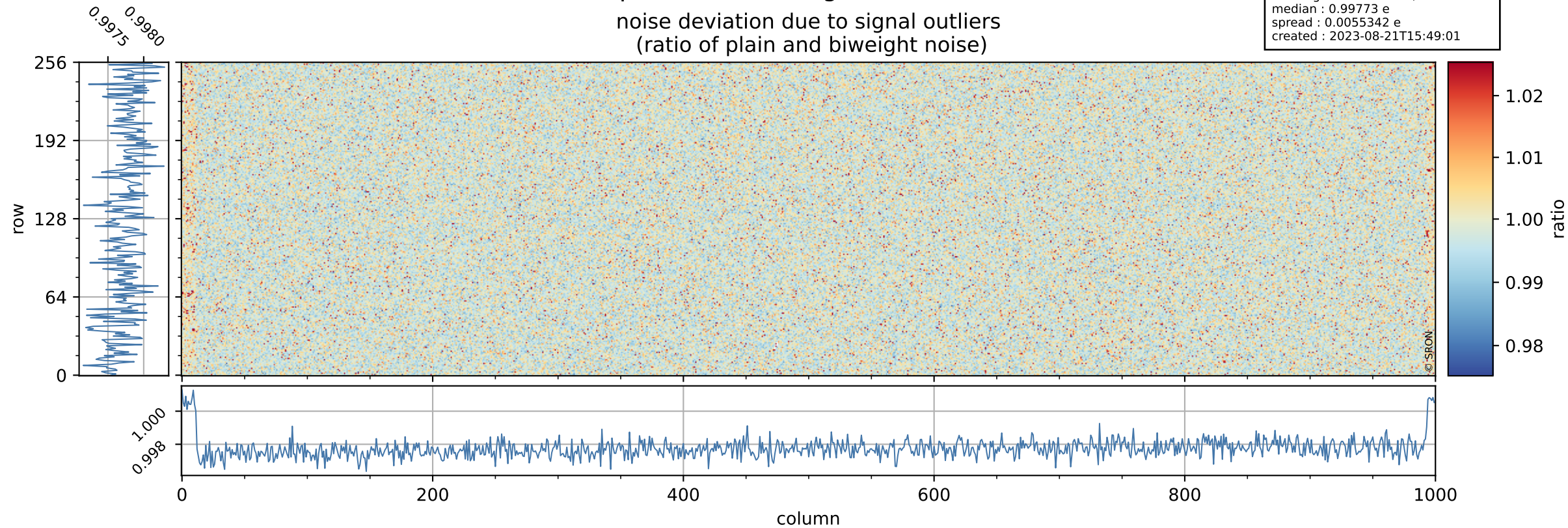
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

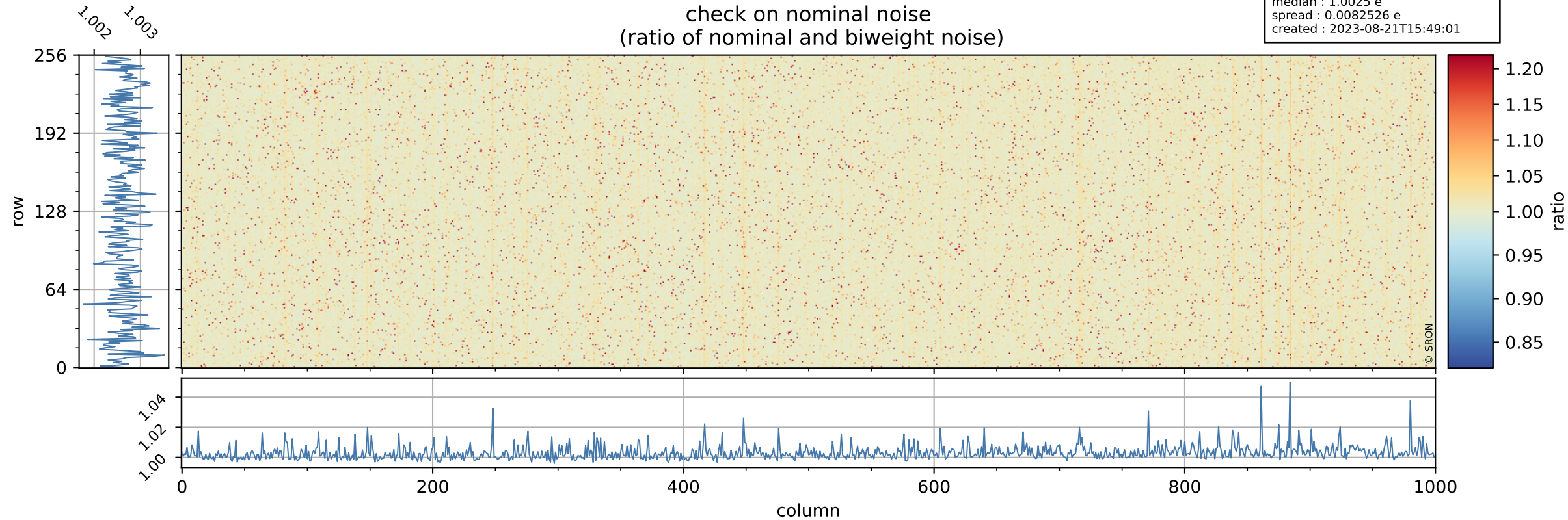
orbits : 12 in [16597, 16672]
coverage : 2020-12-25 / 2020-12-30
median : 0.99773 e
spread : 0.0055342 e
created : 2023-08-21T15:49:01



Tropomi SWIR background noise (swir)

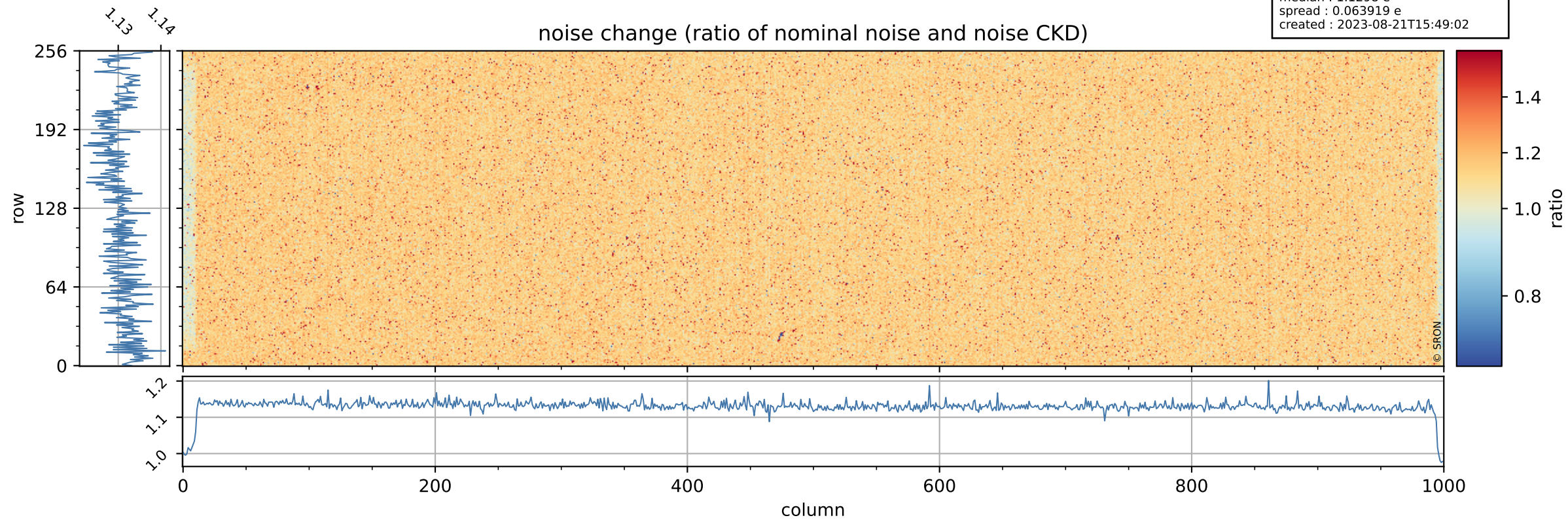
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16597, 16672]
coverage : 2020-12-25 / 2020-12-30
median : 1.0025 e
spread : 0.0082526 e
created : 2023-08-21T15:49:01



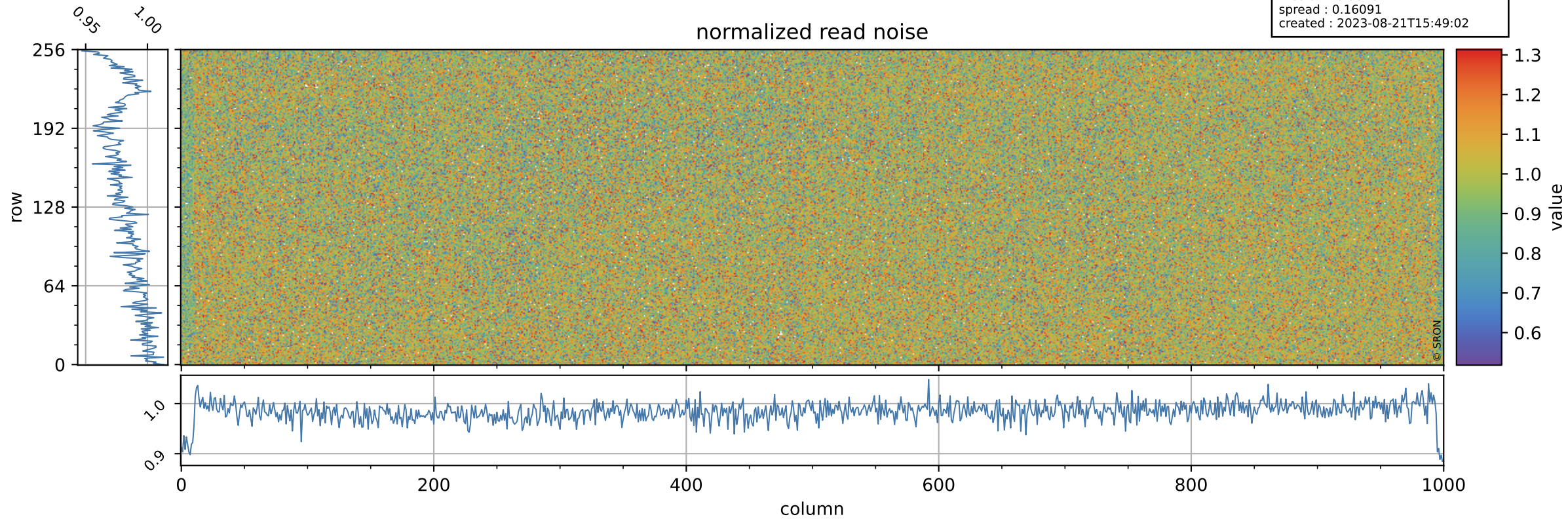
Tropomi SWIR background noise (swir)

orbits : 12 in [16597, 16672]
coverage : 2020-12-25 / 2020-12-30
median : 1.1298 e
spread : 0.063919 e
created : 2023-08-21T15:49:02



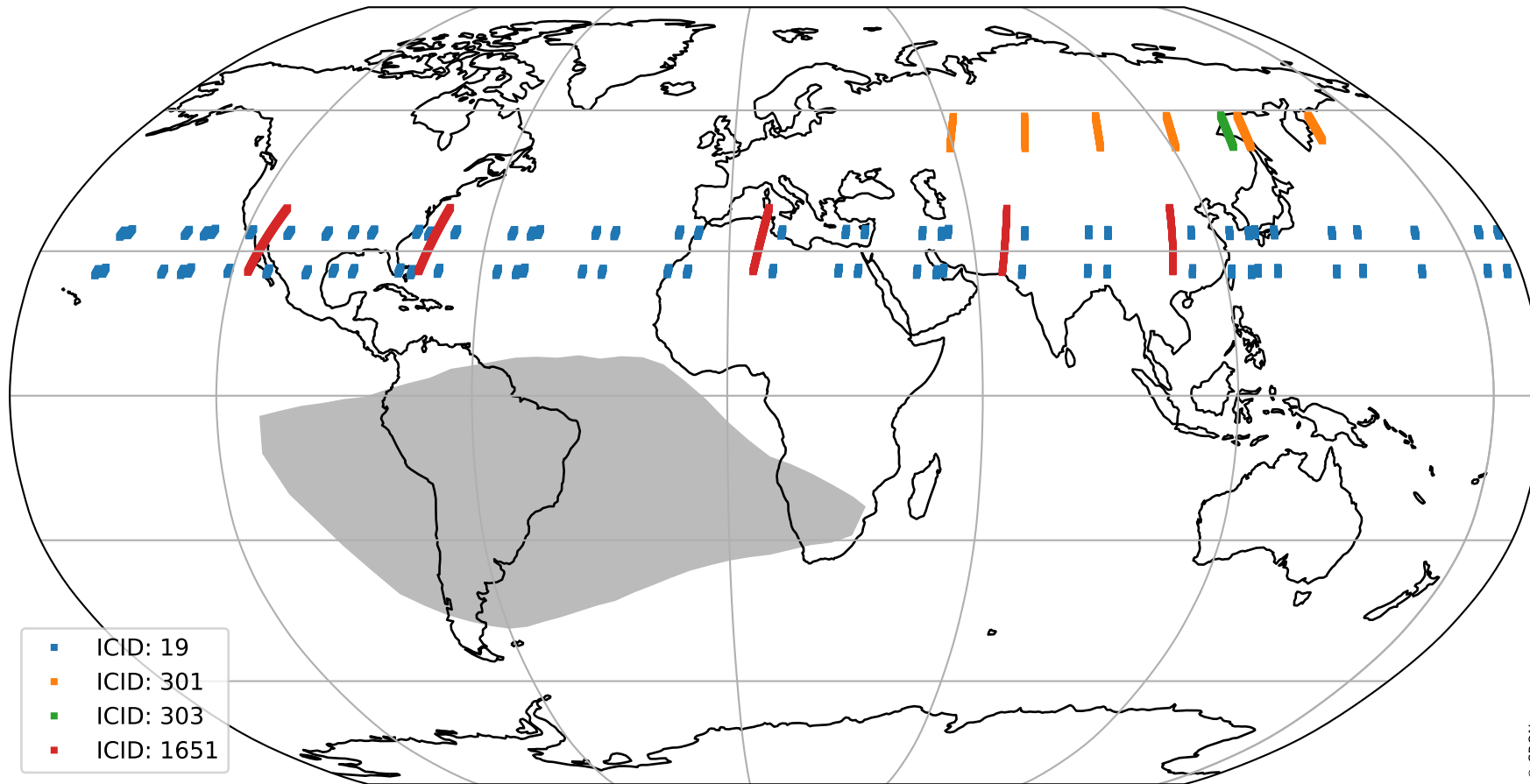
Tropomi SWIR background noise (swir)

orbits : 12 in [16597, 16672]
coverage : 2020-12-25 / 2020-12-30
median : 0.98262
spread : 0.16091
created : 2023-08-21T15:49:02



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

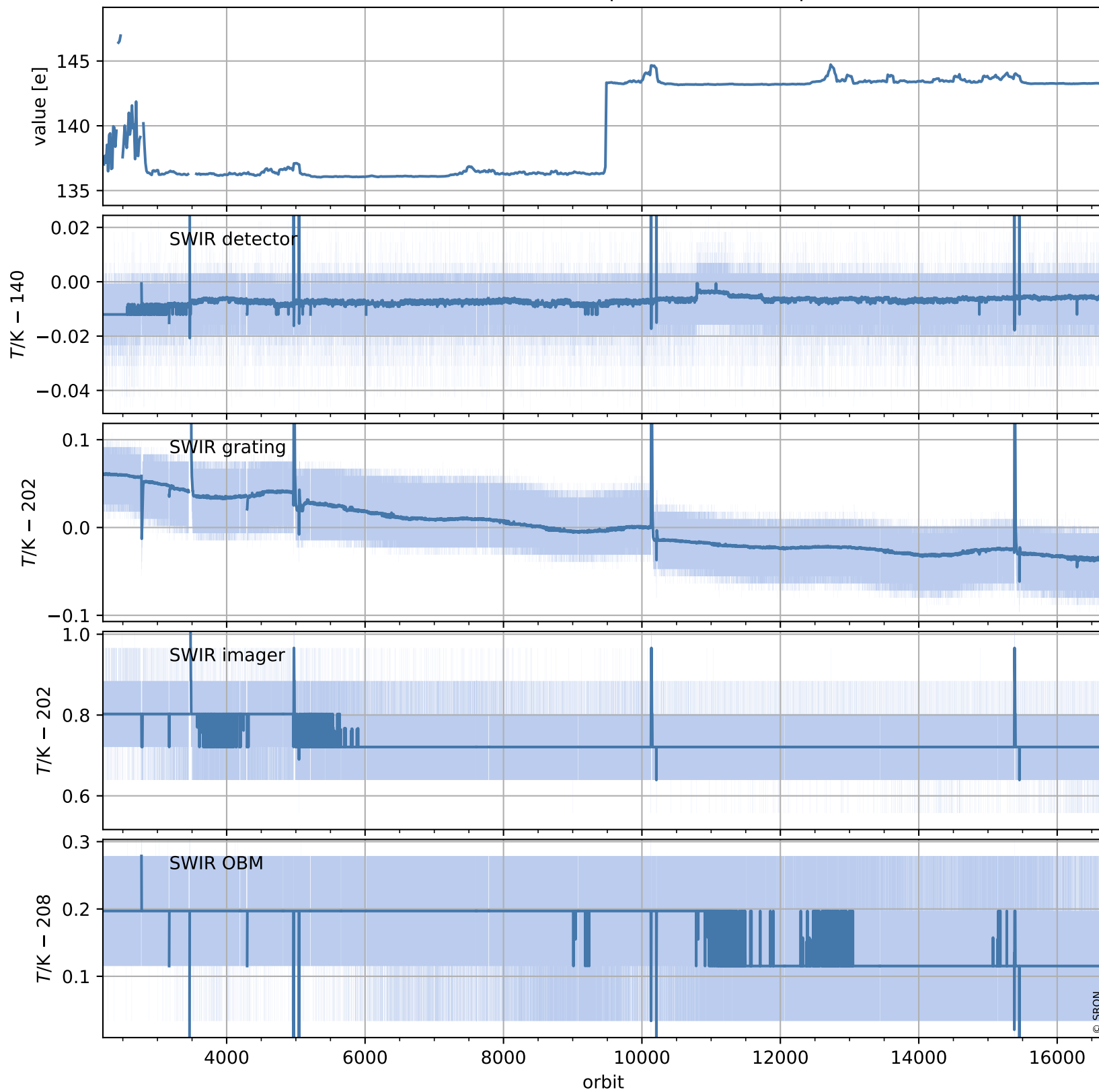
orbits : 12 in [16597, 16672]
coverage : 2020-12-25 / 2020-12-30
created : 2023-08-21T15:49:02



Tropomi SWIR background noise (swir)

orbits : [2212, 16672]
coverage : 2018-03-18 / 2020-12-30
created : 2023-08-21T15:49:03

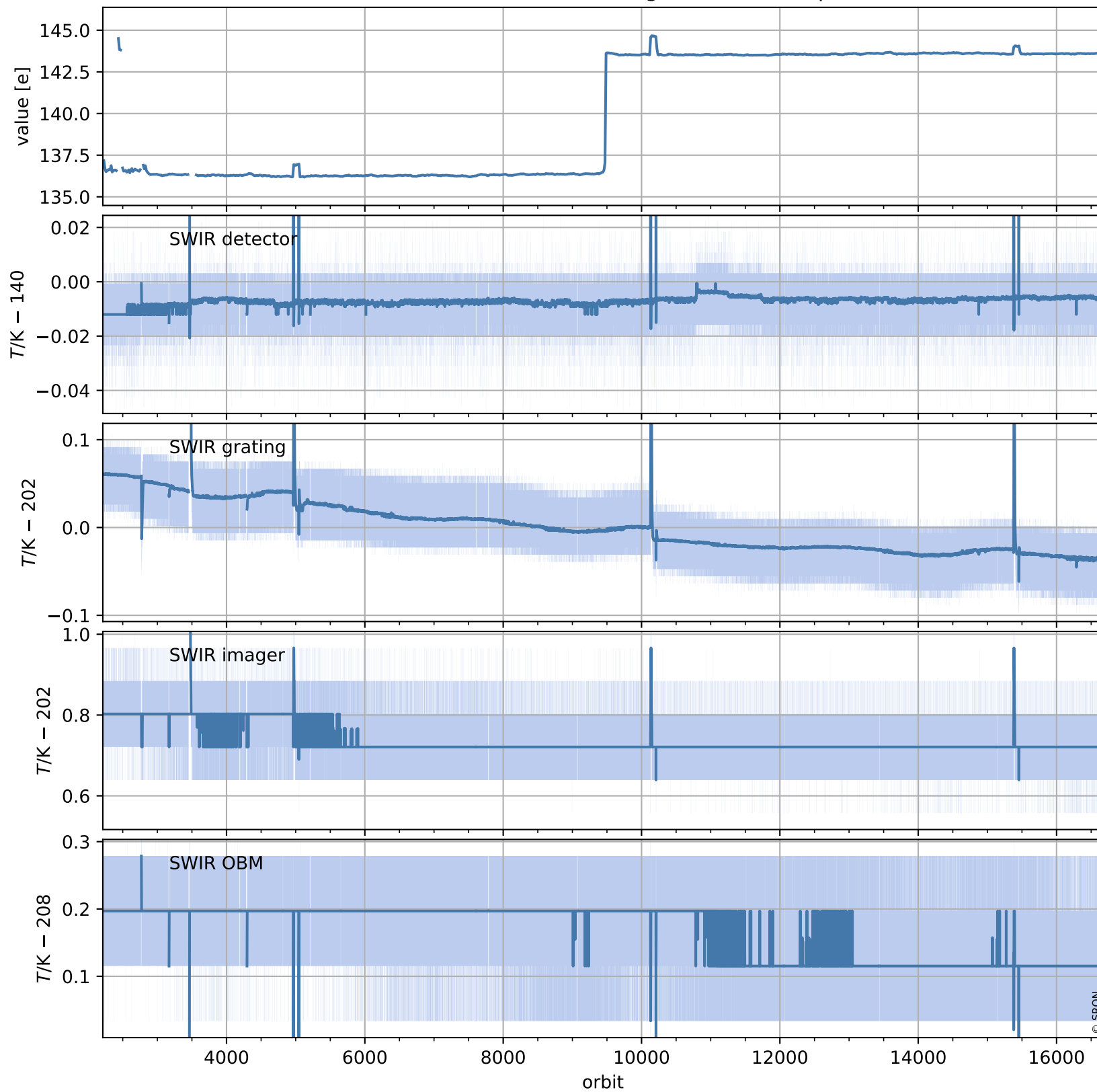
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16672]
coverage : 2018-03-18 / 2020-12-30
created : 2023-08-21T15:49:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16672]
coverage : 2018-03-18 / 2020-12-30
created : 2023-08-21T15:49:04

trend of normalized read-noise & temperatures

