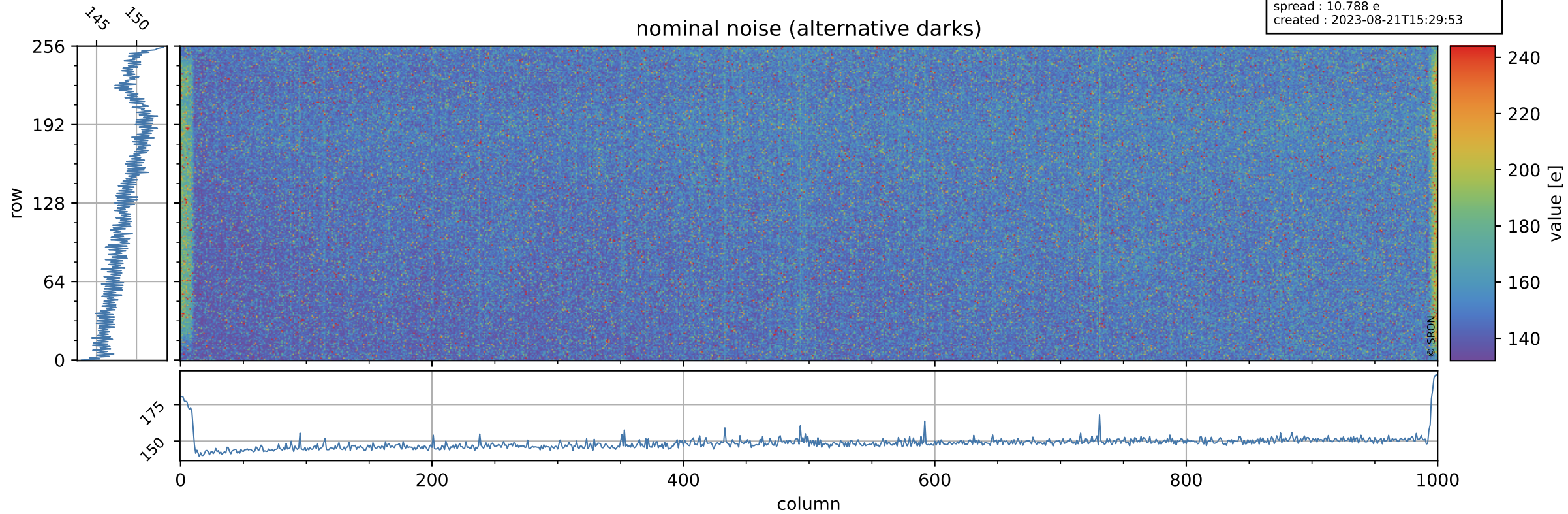


Tropomi SWIR background noise (swir)

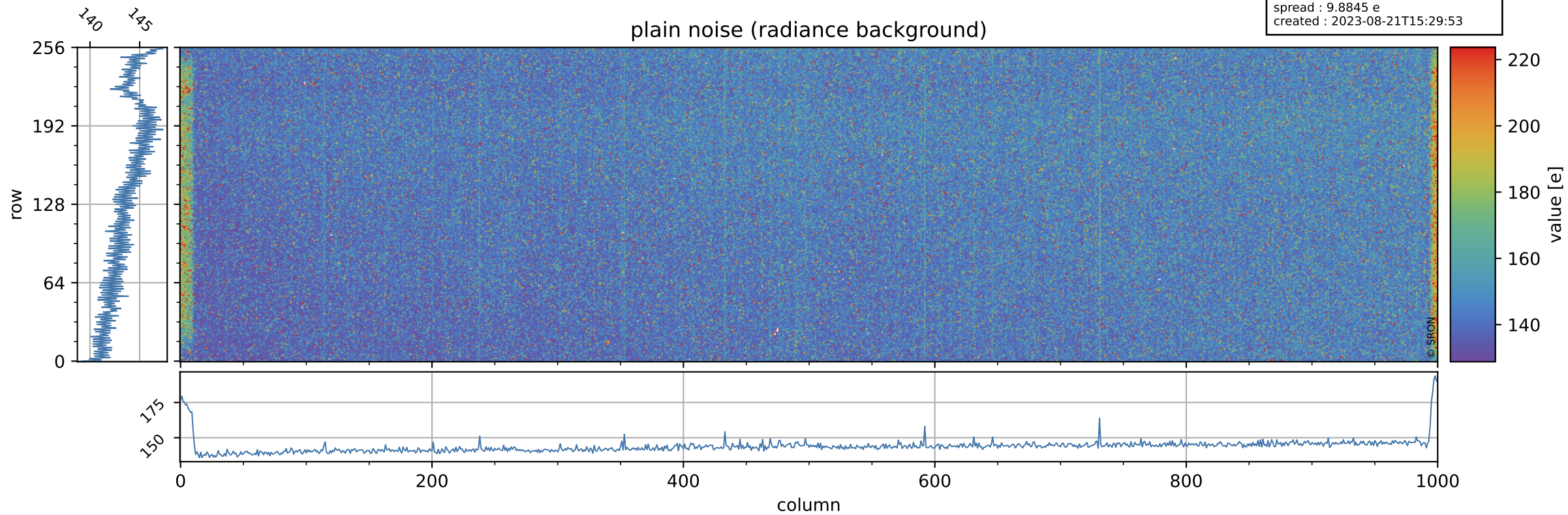
orbits : 12 in [13117, 13207]
coverage : 2020-04-25 / 2020-05-01
n_coad, t_exp : 1, 1.0783
median : 148.53 e
spread : 10.788 e
created : 2023-08-21T15:29:53



Tropomi SWIR background noise (swir)

orbits : 12 in [13117, 13207]
coverage : 2020-04-25 / 2020-05-01
n_coad, t_exp : 1, 0.8383
median : 143.57 e
spread : 9.8845 e
created : 2023-08-21T15:29:53

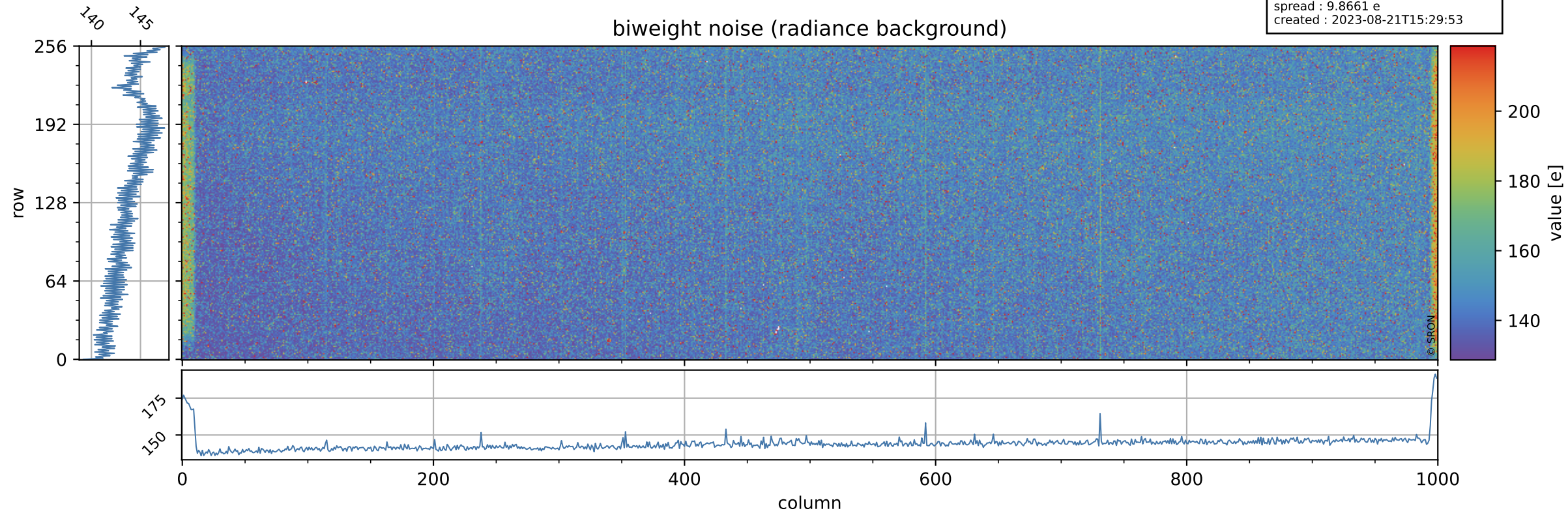
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13117, 13207]
coverage : 2020-04-25 / 2020-05-01
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.8661 e
created : 2023-08-21T15:29:53

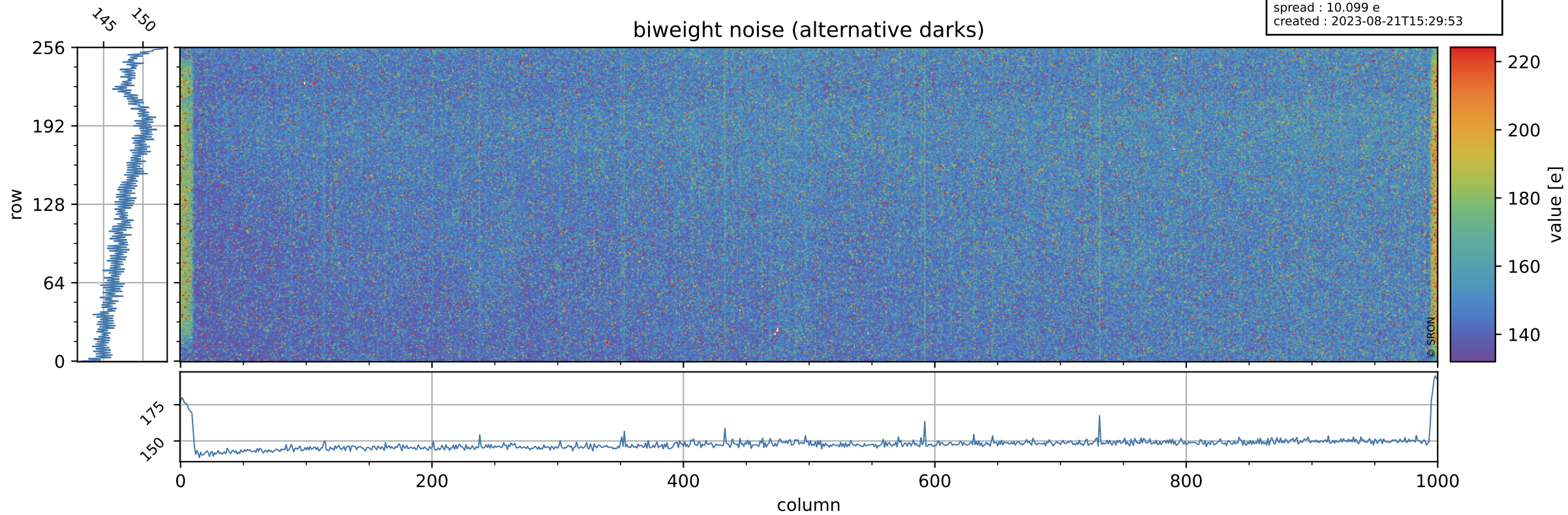
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13117, 13207]
coverage : 2020-04-25 / 2020-05-01
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.099 e
created : 2023-08-21T15:29:53

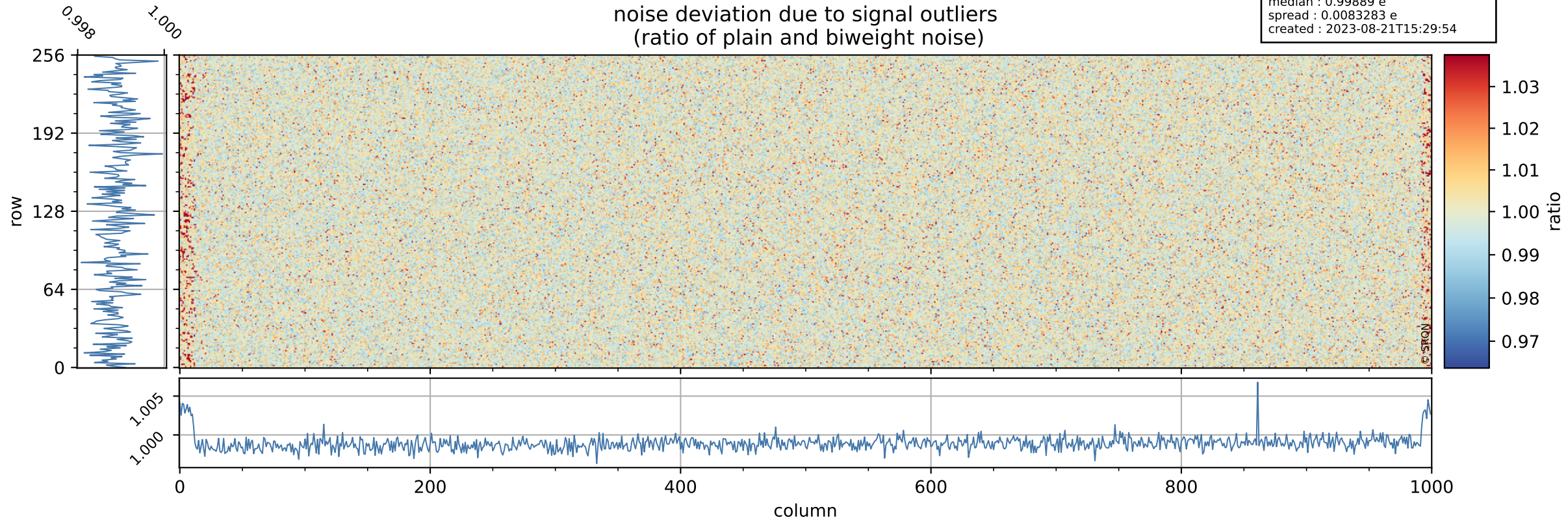
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

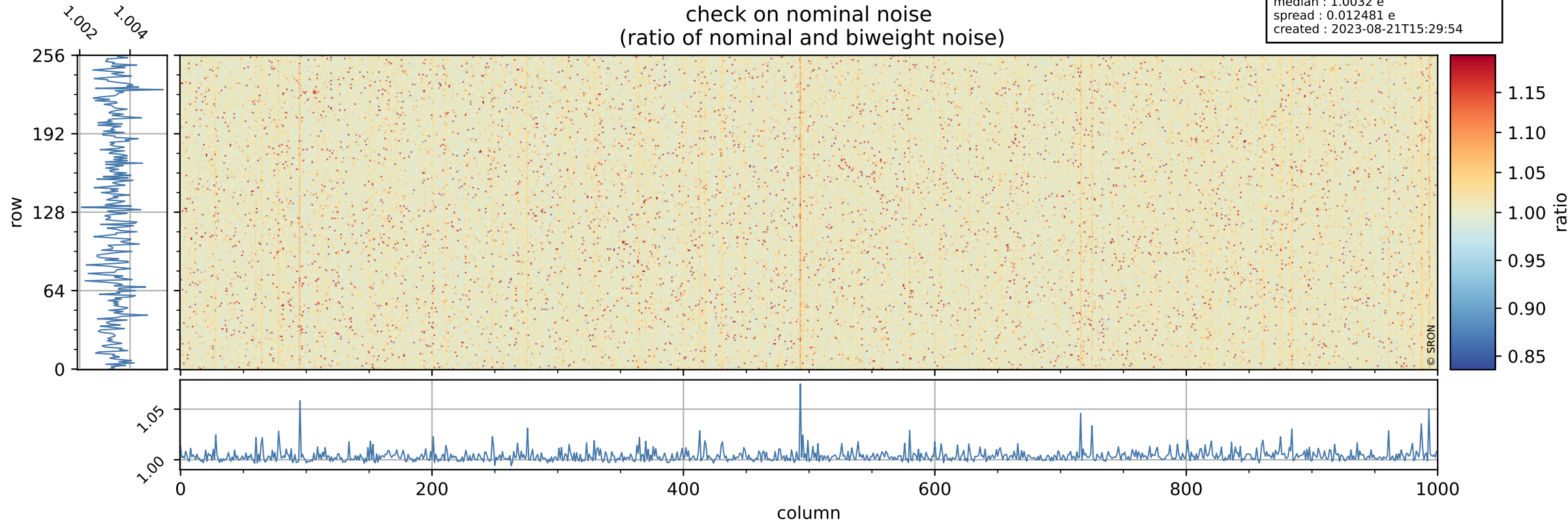
orbits : 12 in [13117, 13207]
coverage : 2020-04-25 / 2020-05-01
median : 0.99889 e
spread : 0.0083283 e
created : 2023-08-21T15:29:54



Tropomi SWIR background noise (swir)

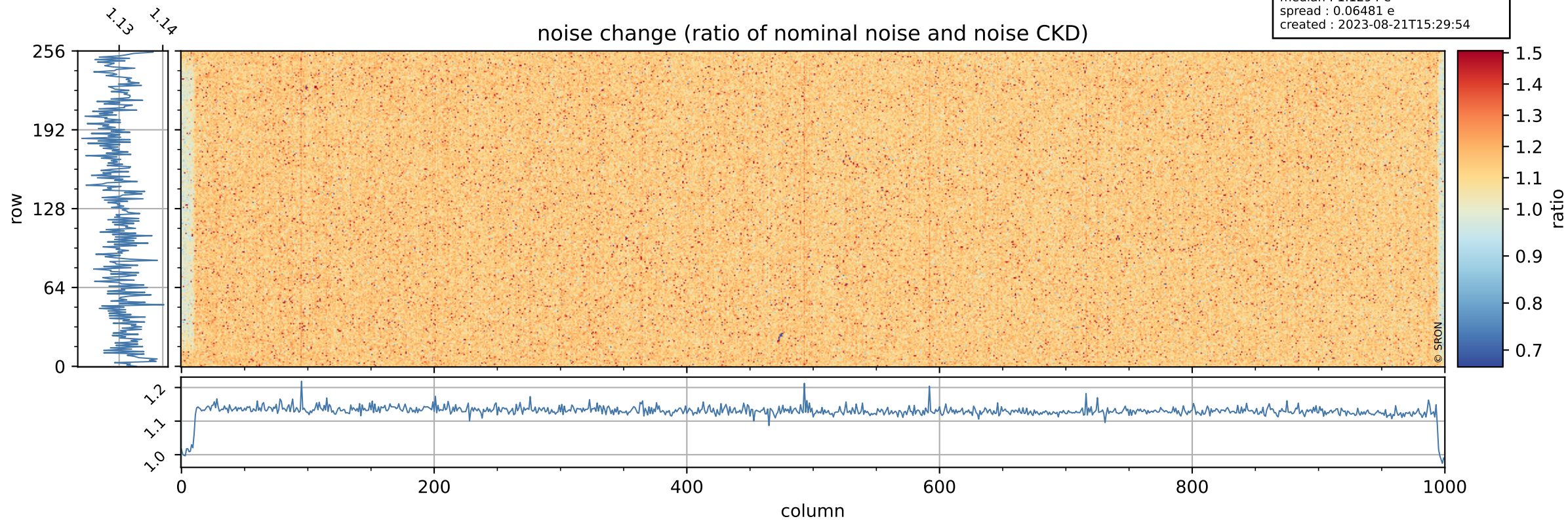
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13117, 13207]
coverage : 2020-04-25 / 2020-05-01
median : 1.0032 e
spread : 0.012481 e
created : 2023-08-21T15:29:54



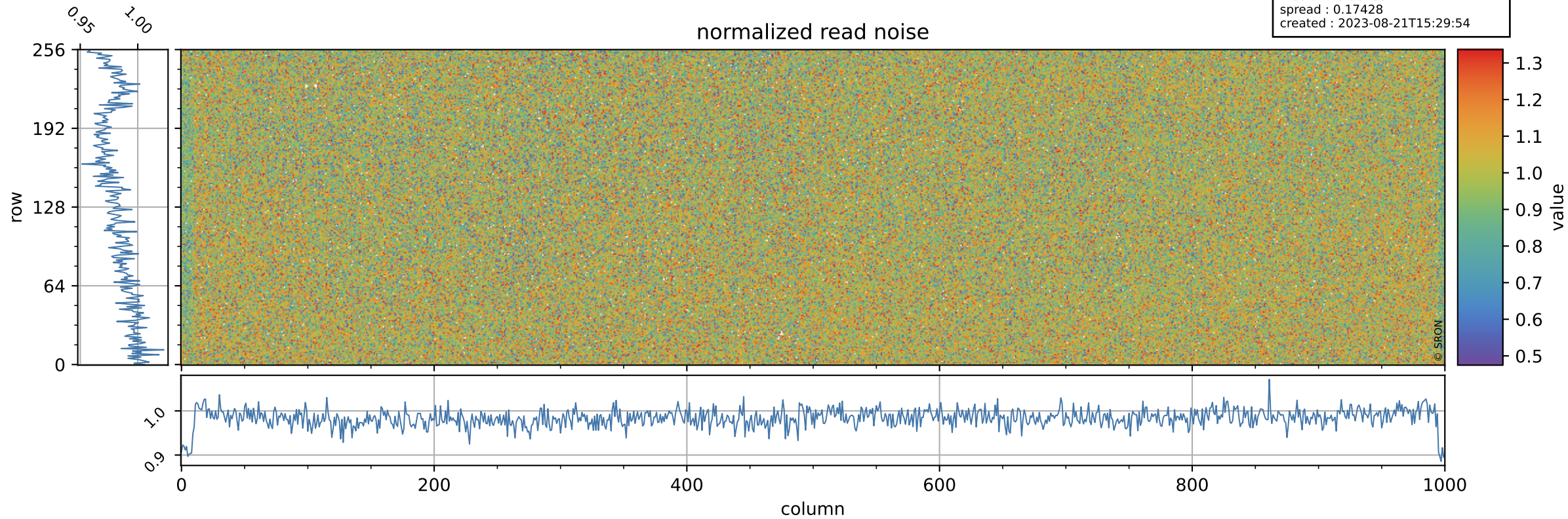
Tropomi SWIR background noise (swir)

orbits : 12 in [13117, 13207]
coverage : 2020-04-25 / 2020-05-01
median : 1.1294 e
spread : 0.06481 e
created : 2023-08-21T15:29:54



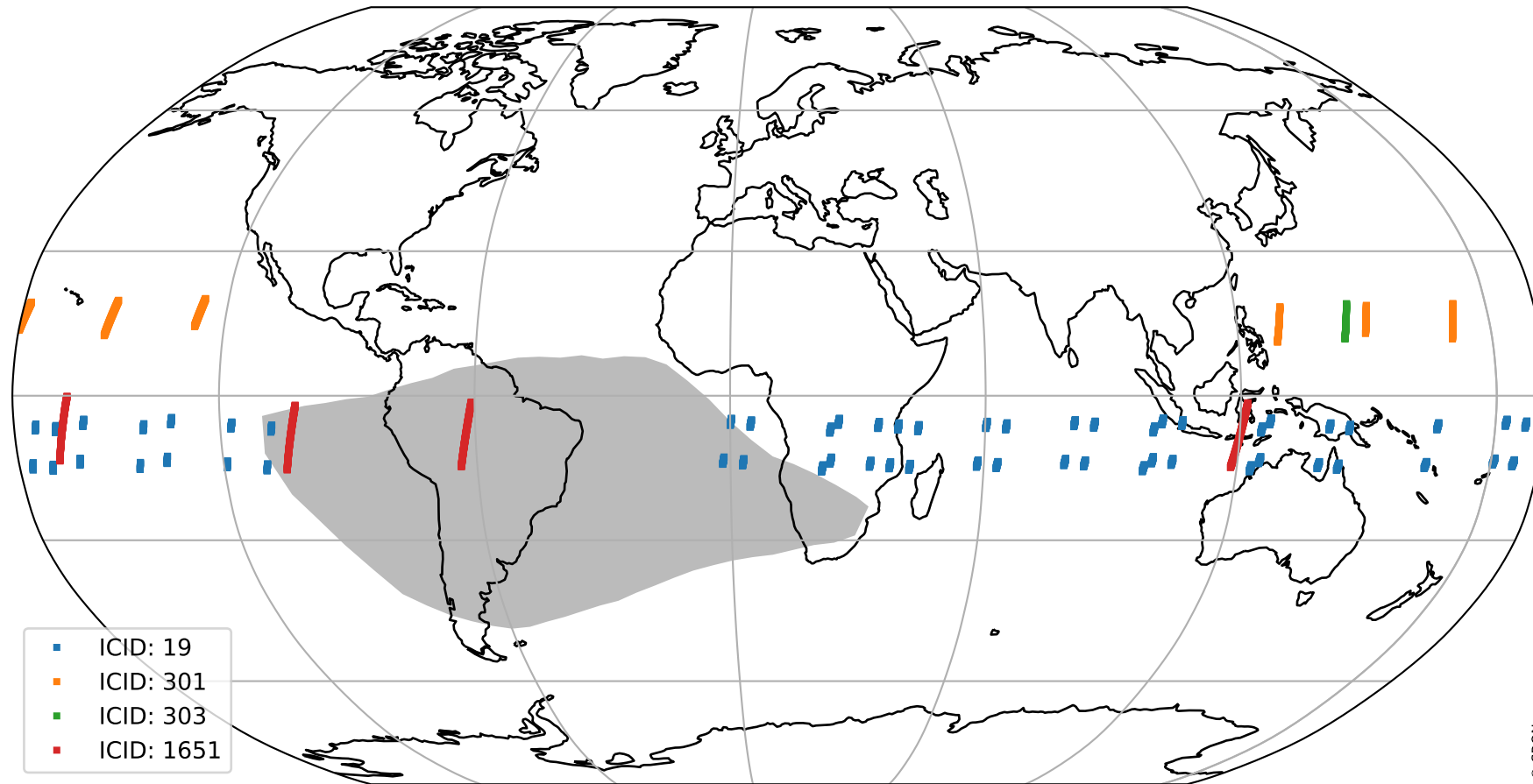
Tropomi SWIR background noise (swir)

orbits : 12 in [13117, 13207]
coverage : 2020-04-25 / 2020-05-01
median : 0.98233
spread : 0.17428
created : 2023-08-21T15:29:54



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

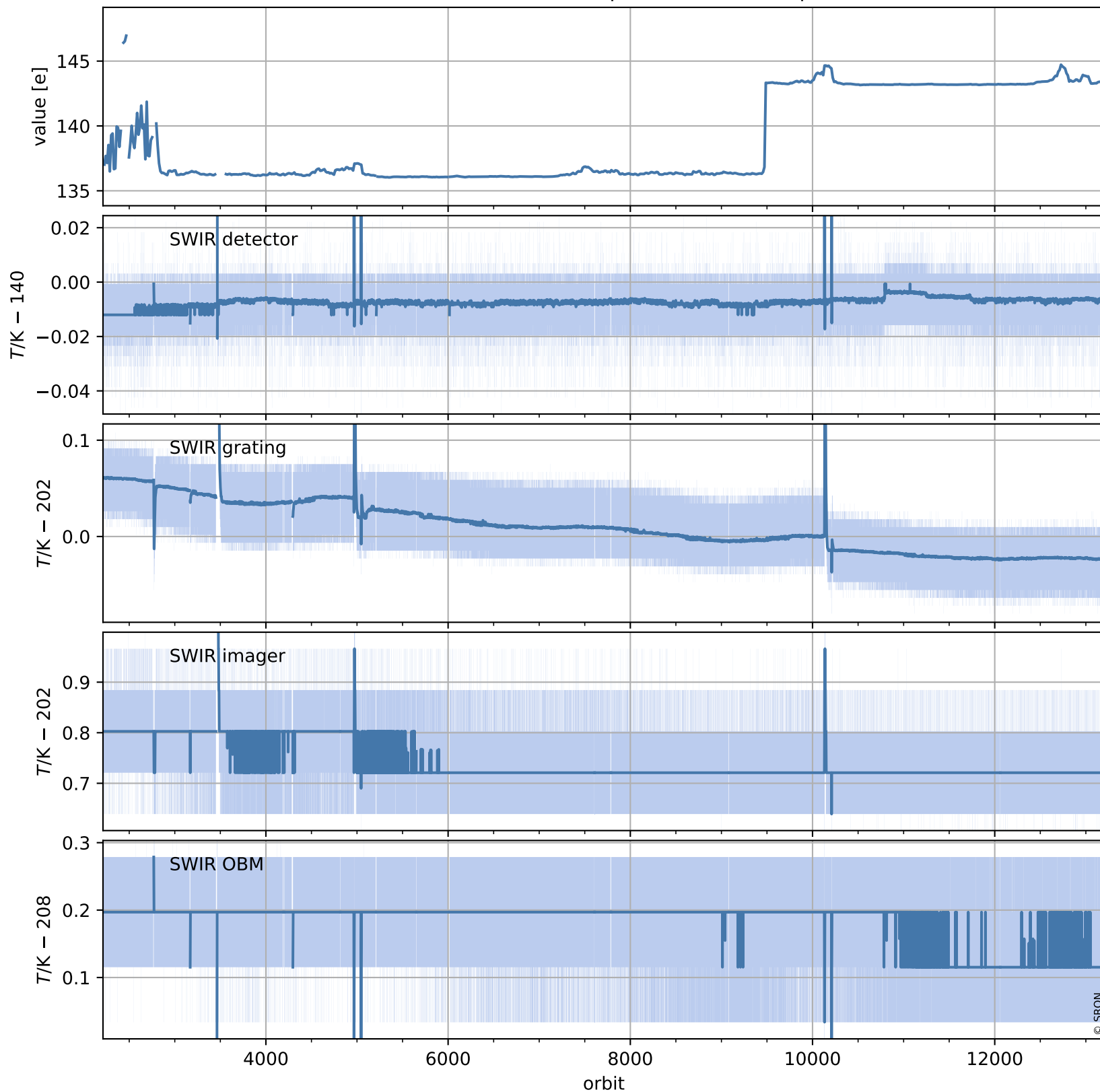
orbits : 12 in [13117, 13207]
coverage : 2020-04-25 / 2020-05-01
created : 2023-08-21T15:29:55



Tropomi SWIR background noise (swir)

orbits : [2212, 13207]
coverage : 2018-03-18 / 2020-05-01
created : 2023-08-21T15:29:55

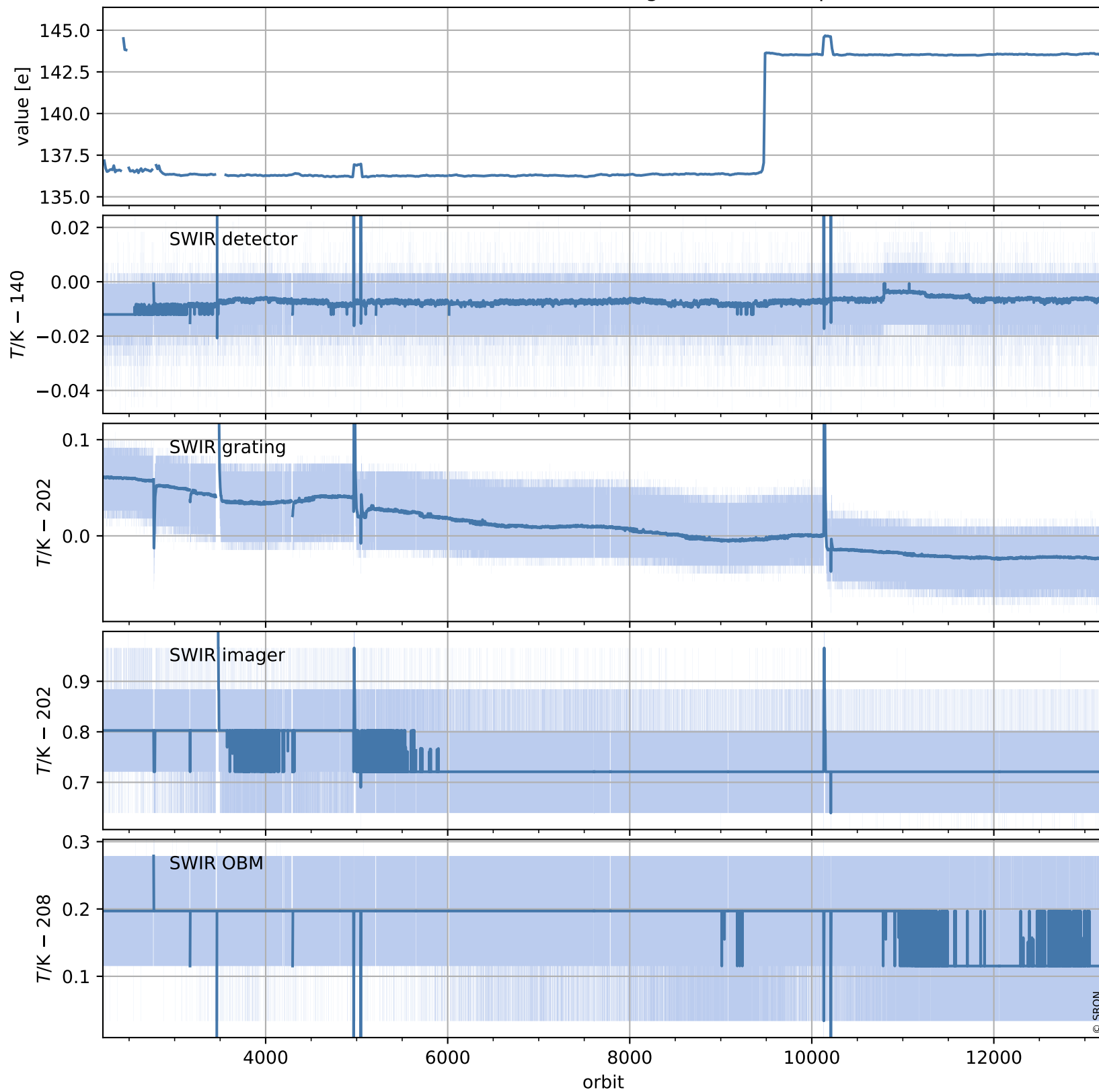
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13207]
coverage : 2018-03-18 / 2020-05-01
created : 2023-08-21T15:29:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13207]
coverage : 2018-03-18 / 2020-05-01
created : 2023-08-21T15:29:56

trend of normalized read-noise & temperatures

