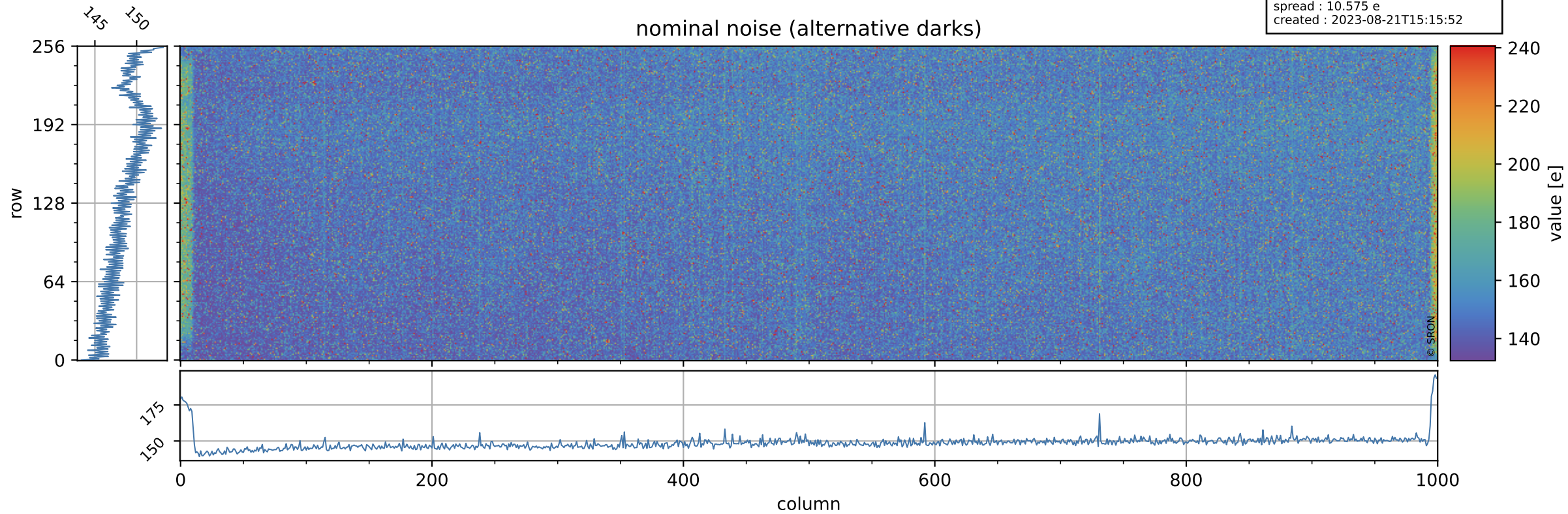


Tropomi SWIR background noise (swir)

orbits : 12 in [10837, 10912]
coverage : 2019-11-15 / 2019-11-20
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.575 e
created : 2023-08-21T15:15:52

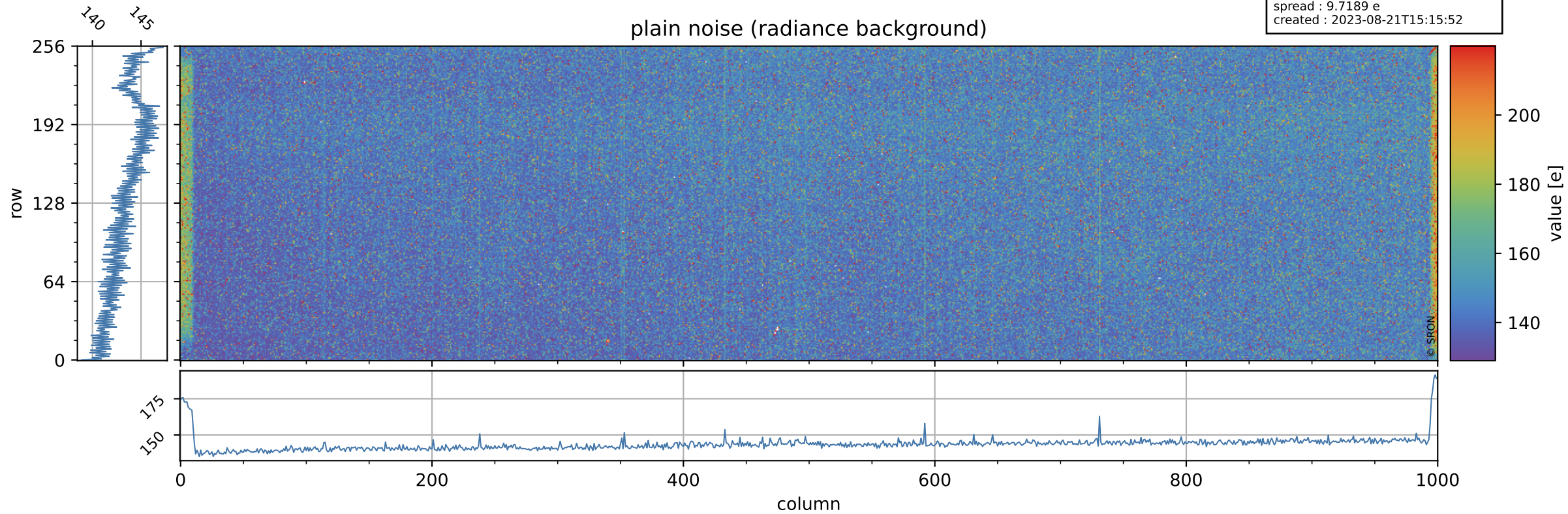
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10837, 10912]
coverage : 2019-11-15 / 2019-11-20
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7189 e
created : 2023-08-21T15:15:52

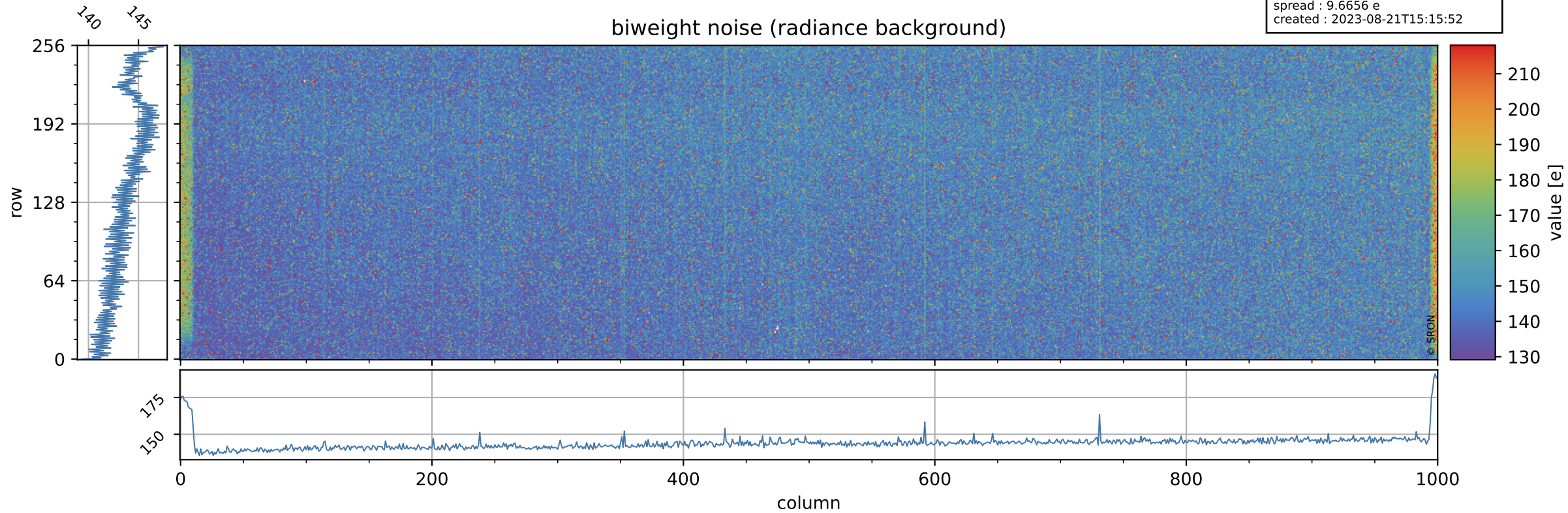
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10837, 10912]
coverage : 2019-11-15 / 2019-11-20
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 9.6656 e
created : 2023-08-21T15:15:52

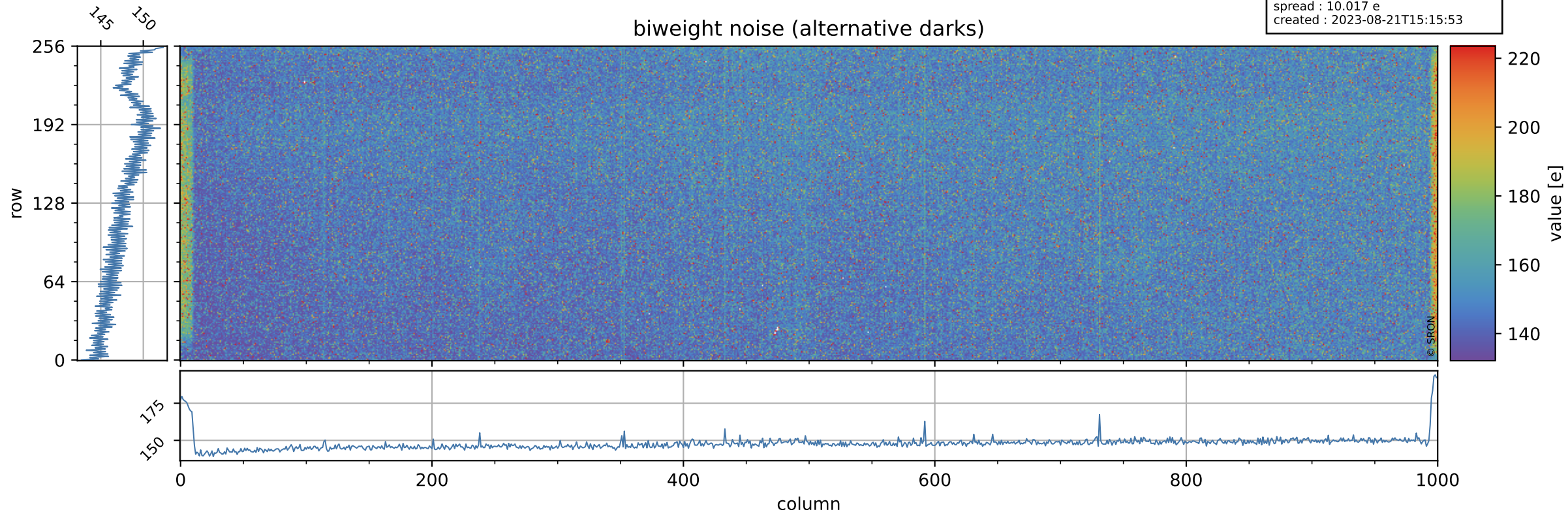
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10837, 10912]
coverage : 2019-11-15 / 2019-11-20
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.017 e
created : 2023-08-21T15:15:53

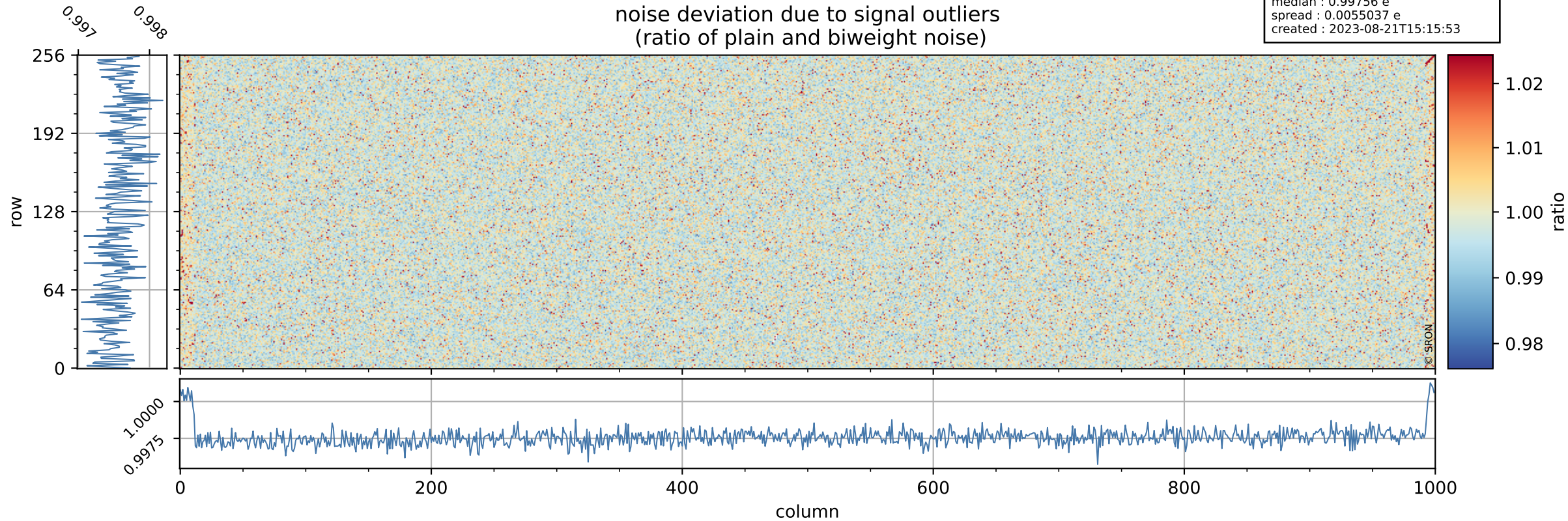
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

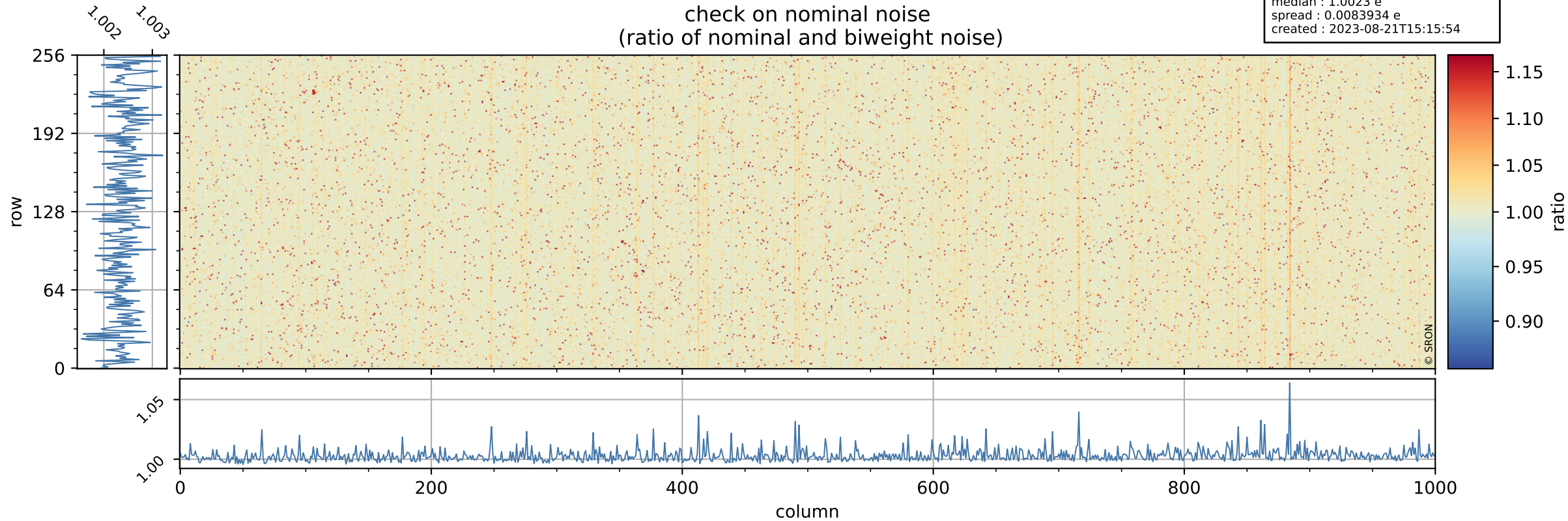
orbits : 12 in [10837, 10912]
coverage : 2019-11-15 / 2019-11-20
median : 0.99756 e
spread : 0.0055037 e
created : 2023-08-21T15:15:53



Tropomi SWIR background noise (swir)

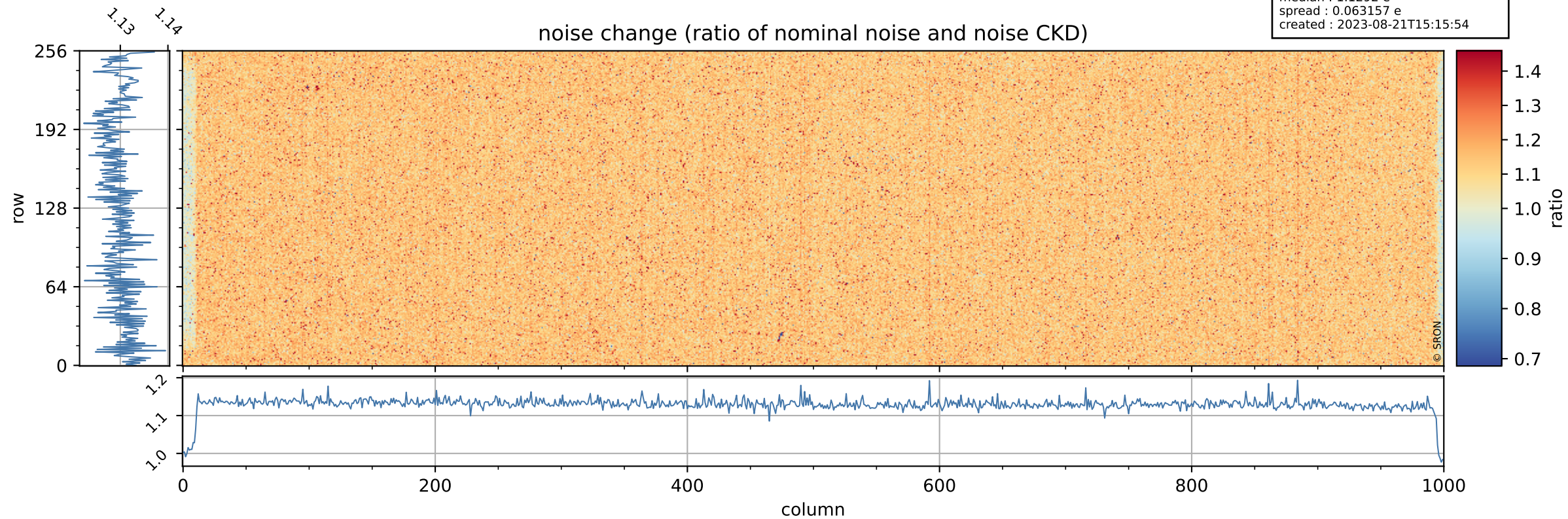
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10837, 10912]
coverage : 2019-11-15 / 2019-11-20
median : 1.0023 e
spread : 0.0083934 e
created : 2023-08-21T15:15:54



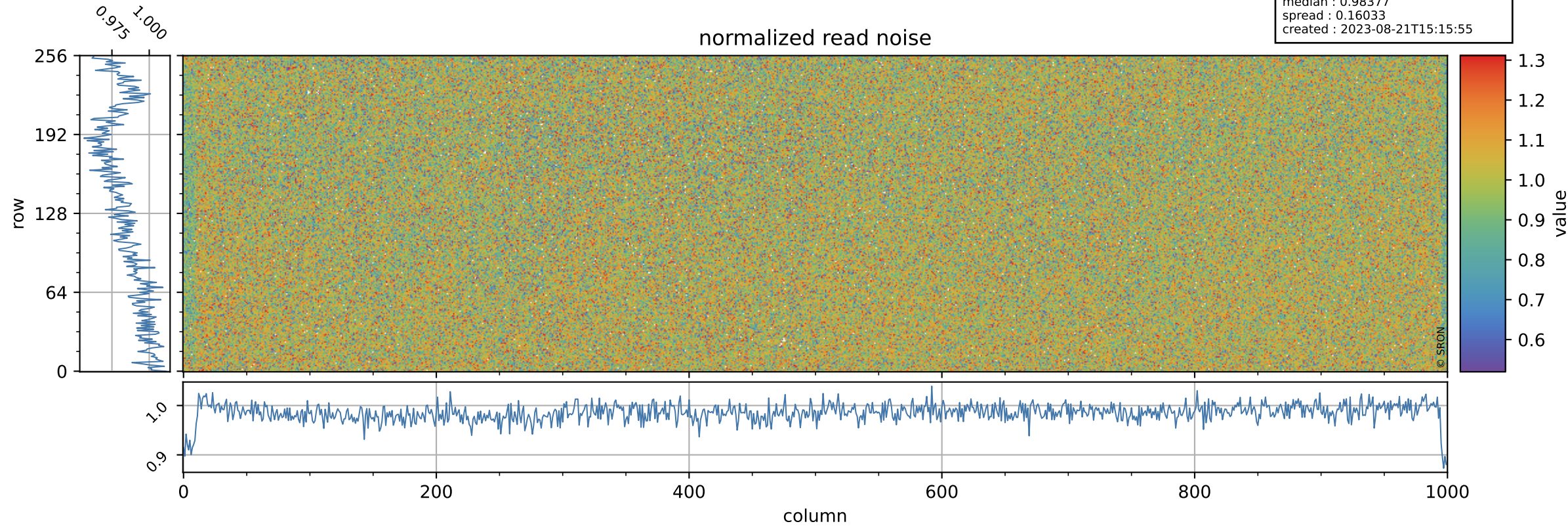
Tropomi SWIR background noise (swir)

orbits : 12 in [10837, 10912]
coverage : 2019-11-15 / 2019-11-20
median : 1.1292 e
spread : 0.063157 e
created : 2023-08-21T15:15:54



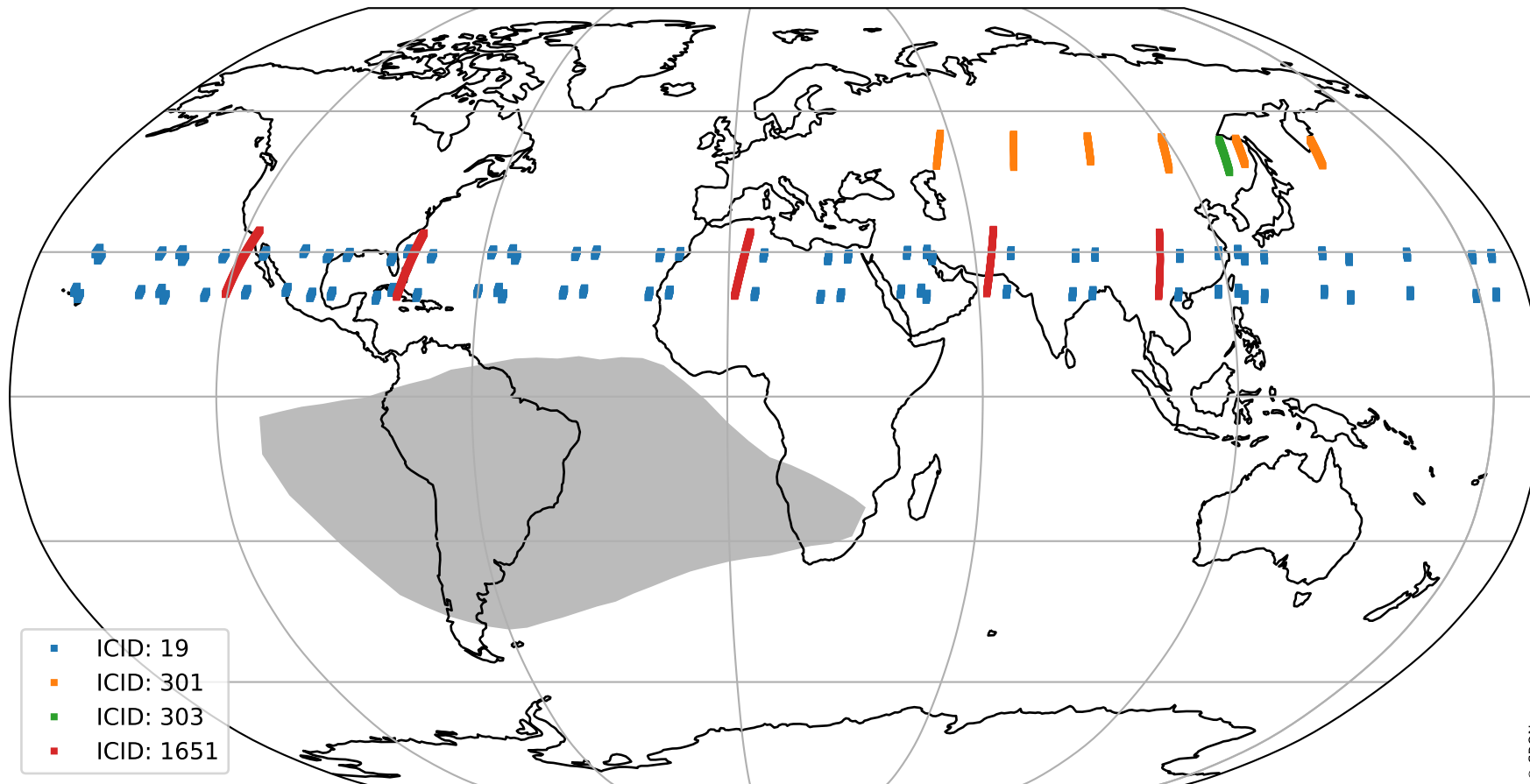
Tropomi SWIR background noise (swir)

orbits : 12 in [10837, 10912]
coverage : 2019-11-15 / 2019-11-20
median : 0.98377
spread : 0.16033
created : 2023-08-21T15:15:55



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

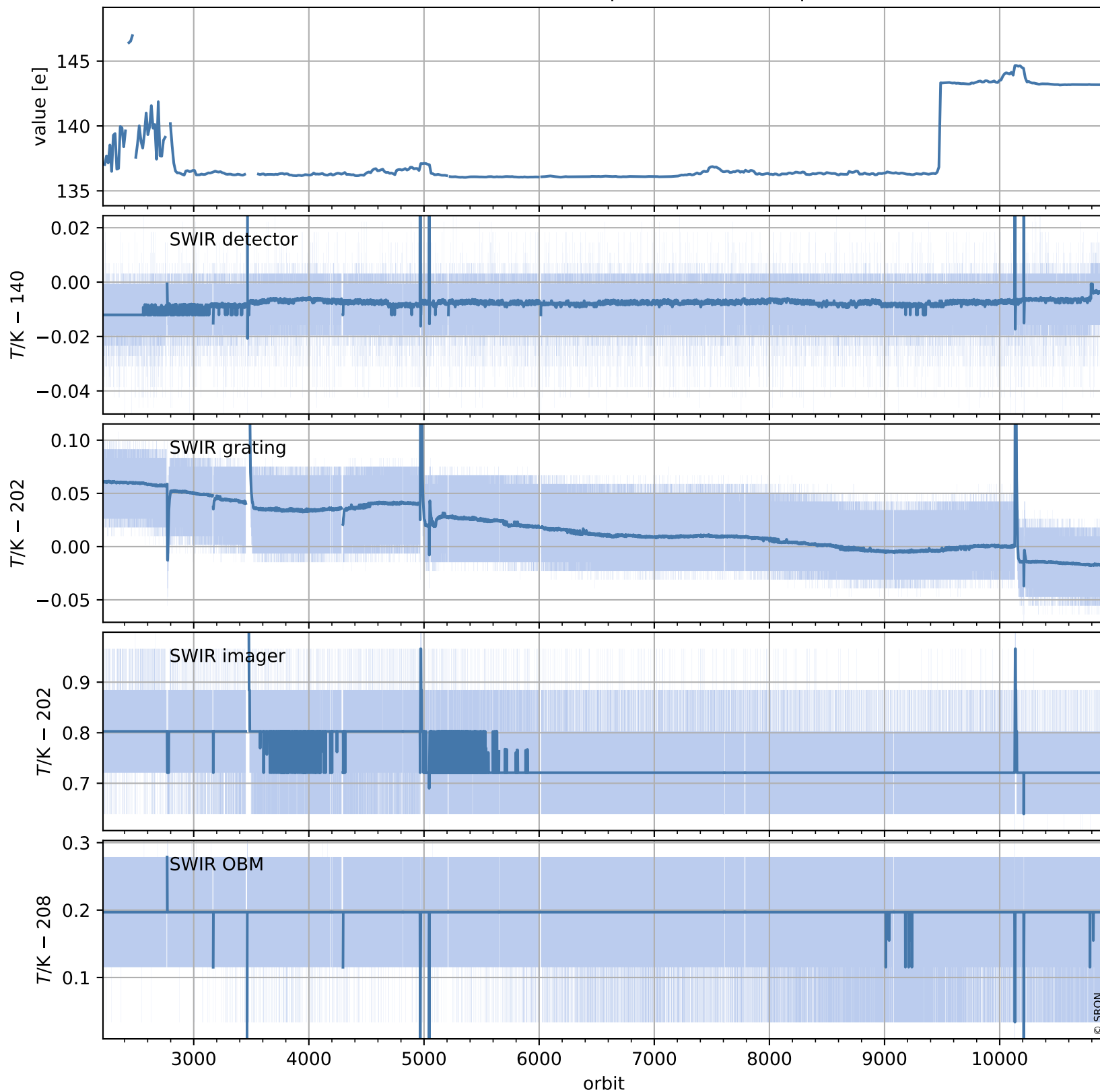
orbits : 12 in [10837, 10912]
coverage : 2019-11-15 / 2019-11-20
created : 2023-08-21T15:15:55



Tropomi SWIR background noise (swir)

orbits : [2212, 10912]
coverage : 2018-03-18 / 2019-11-20
created : 2023-08-21T15:15:55

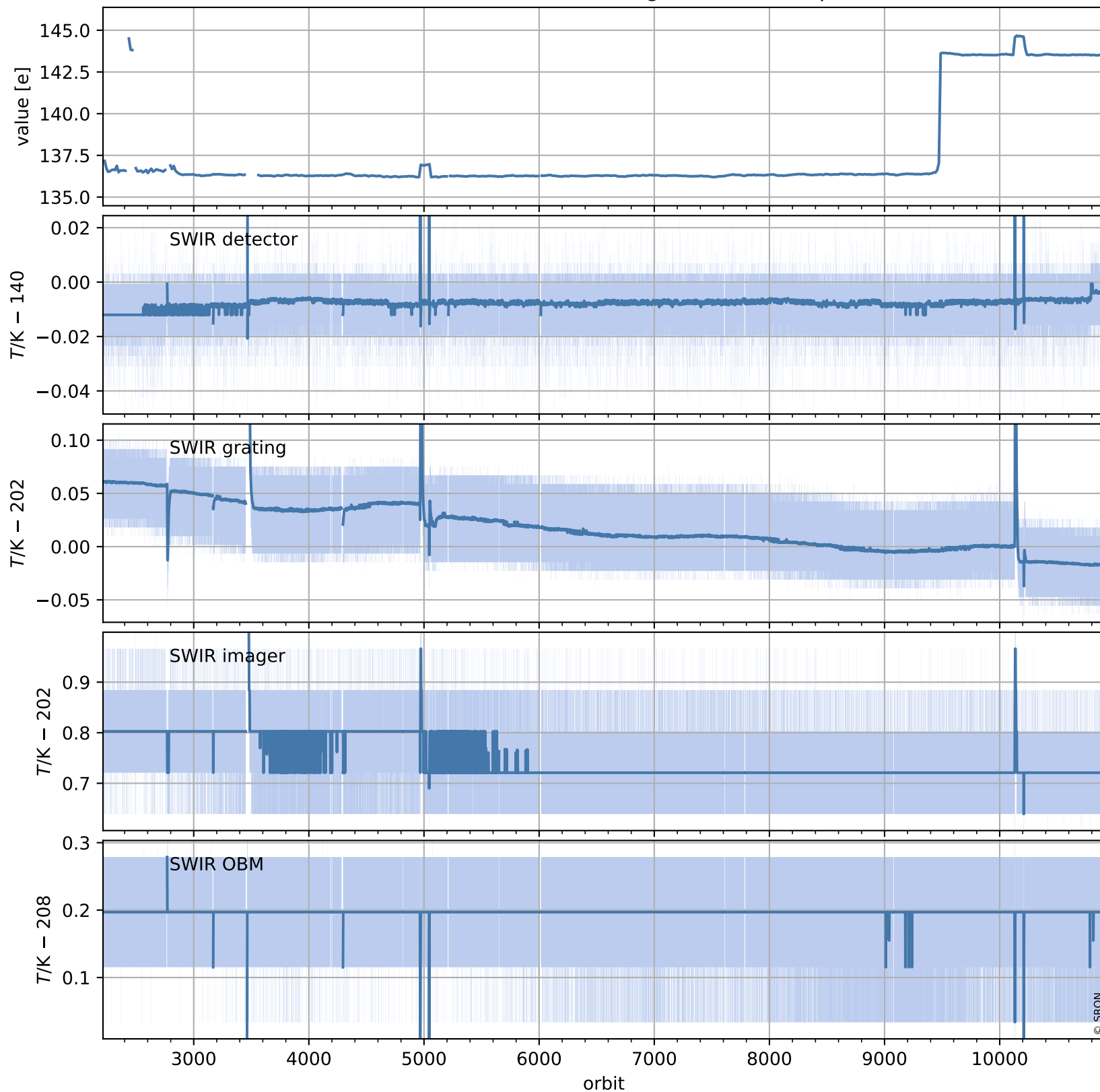
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10912]
coverage : 2018-03-18 / 2019-11-20
created : 2023-08-21T15:15:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10912]
coverage : 2018-03-18 / 2019-11-20
created : 2023-08-21T15:15:57

trend of normalized read-noise & temperatures

