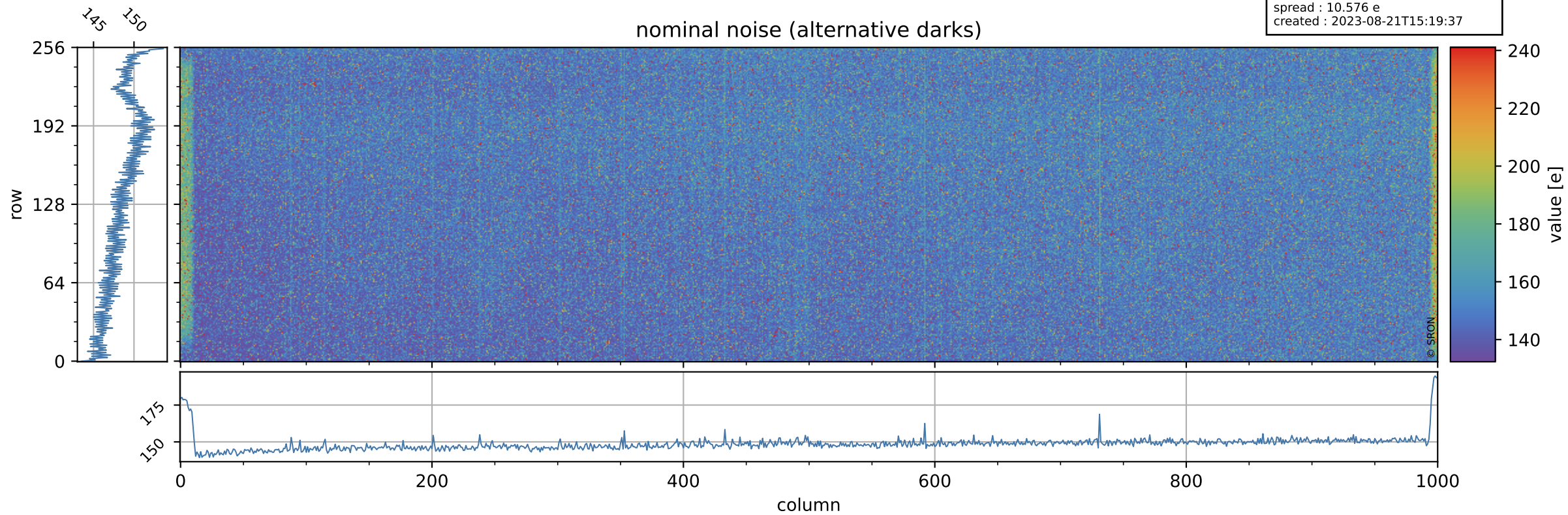


Tropomi SWIR background noise (swir)

orbits : 12 in [11332, 11422]
coverage : 2019-12-21 / 2019-12-26
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.576 e
created : 2023-08-21T15:19:37

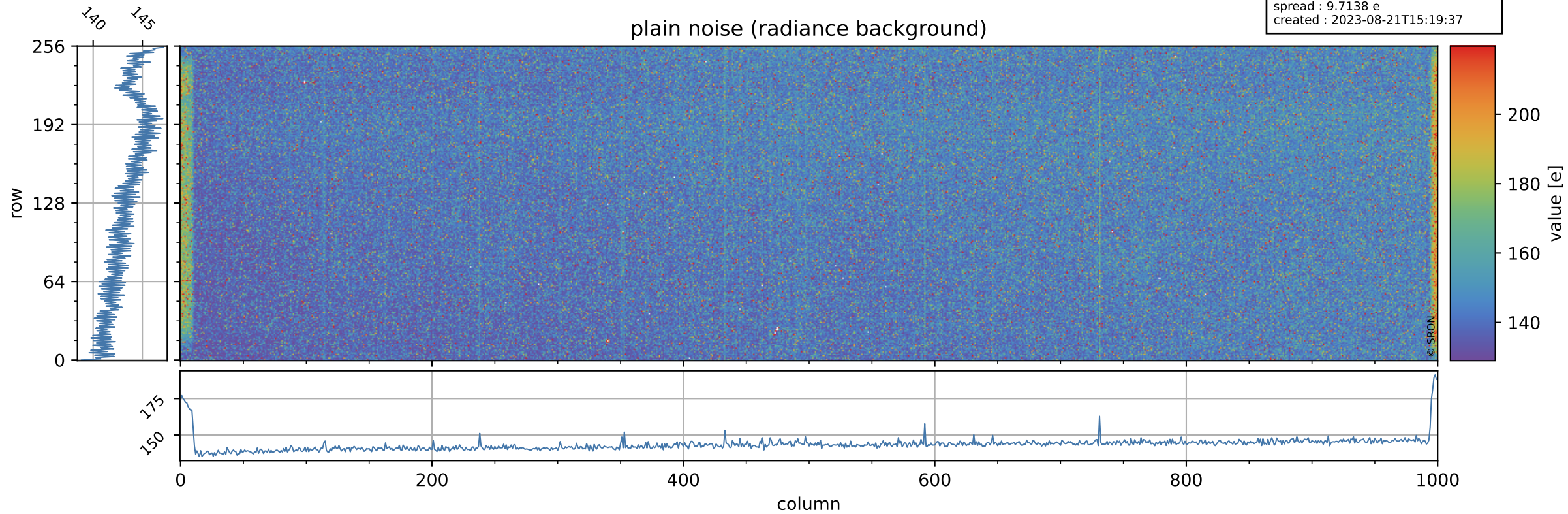
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11332, 11422]
coverage : 2019-12-21 / 2019-12-26
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7138 e
created : 2023-08-21T15:19:37

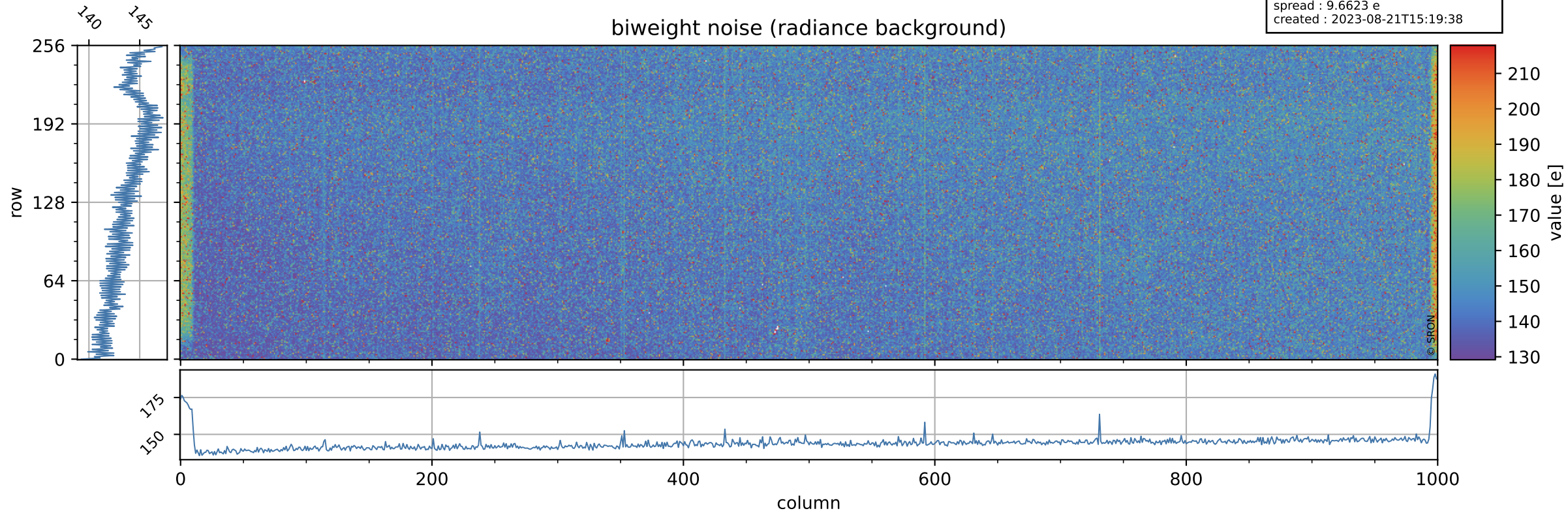
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11332, 11422]
coverage : 2019-12-21 / 2019-12-26
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.6623 e
created : 2023-08-21T15:19:38

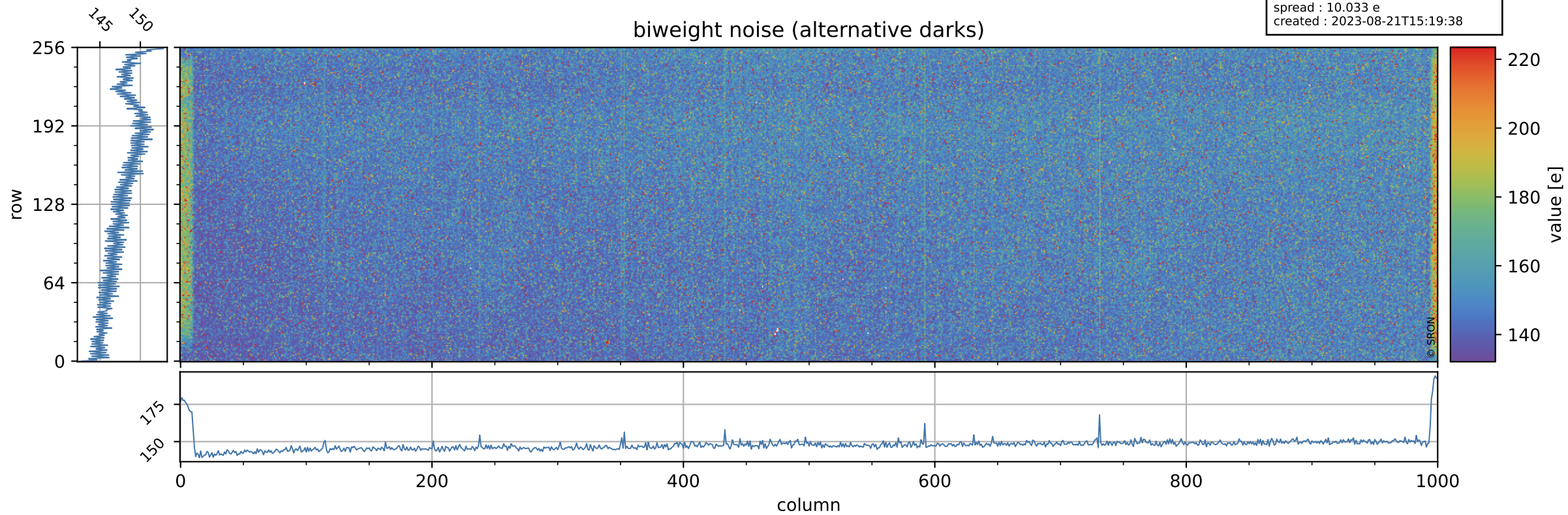
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11332, 11422]
coverage : 2019-12-21 / 2019-12-26
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.033 e
created : 2023-08-21T15:19:38

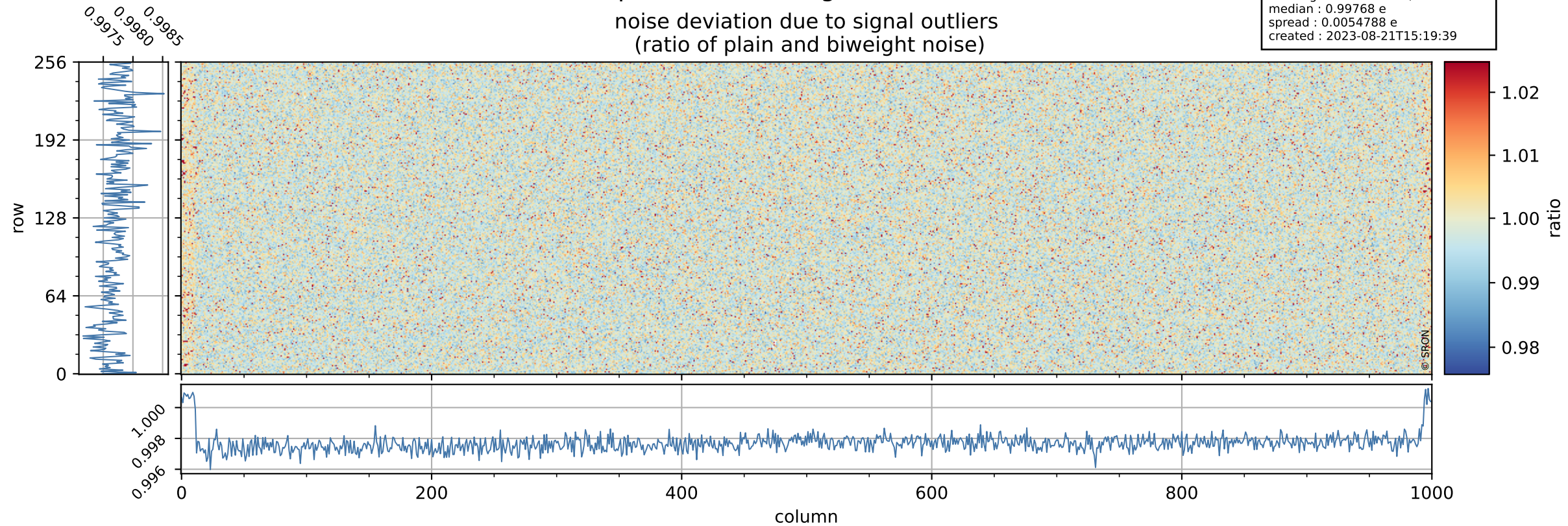
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

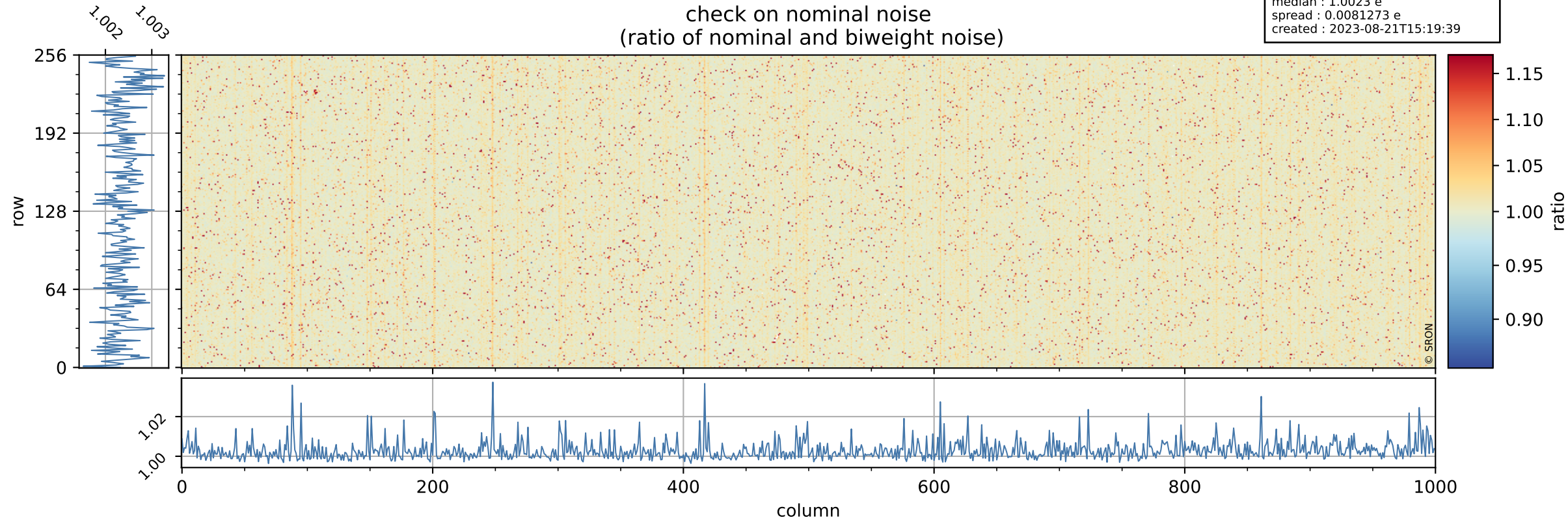
orbits : 12 in [11332, 11422]
coverage : 2019-12-21 / 2019-12-26
median : 0.99768 e
spread : 0.0054788 e
created : 2023-08-21T15:19:39



Tropomi SWIR background noise (swir)

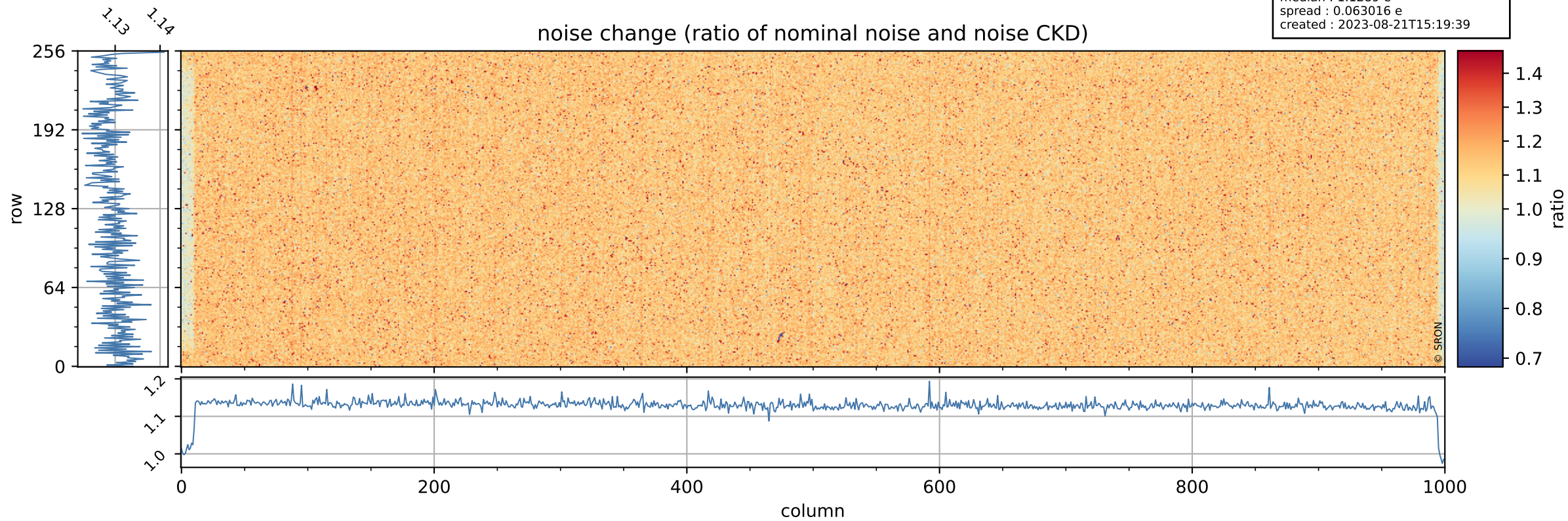
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11332, 11422]
coverage : 2019-12-21 / 2019-12-26
median : 1.0023 e
spread : 0.0081273 e
created : 2023-08-21T15:19:39



Tropomi SWIR background noise (swir)

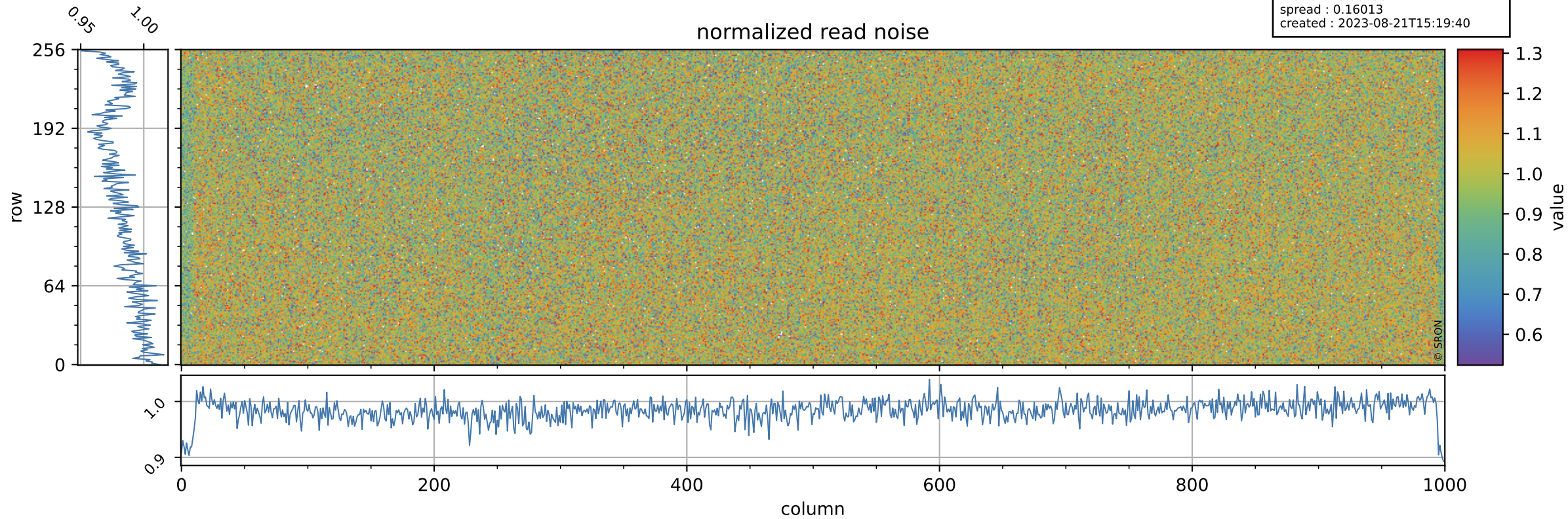
orbits : 12 in [11332, 11422]
coverage : 2019-12-21 / 2019-12-26
median : 1.1289 e
spread : 0.063016 e
created : 2023-08-21T15:19:39



Tropomi SWIR background noise (swir)

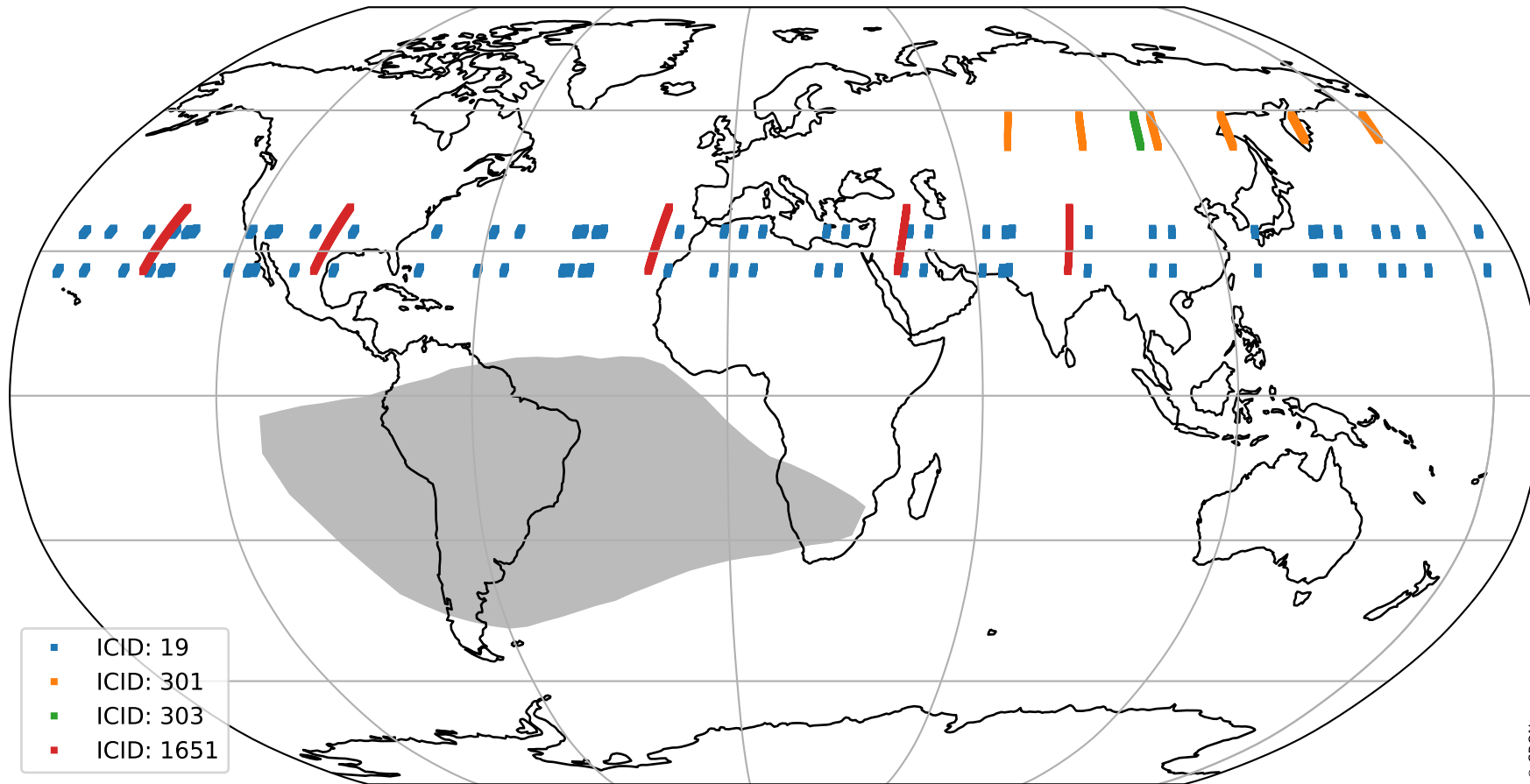
orbits : 12 in [11332, 11422]
coverage : 2019-12-21 / 2019-12-26
median : 0.98293
spread : 0.16013
created : 2023-08-21T15:19:40

normalized read noise



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

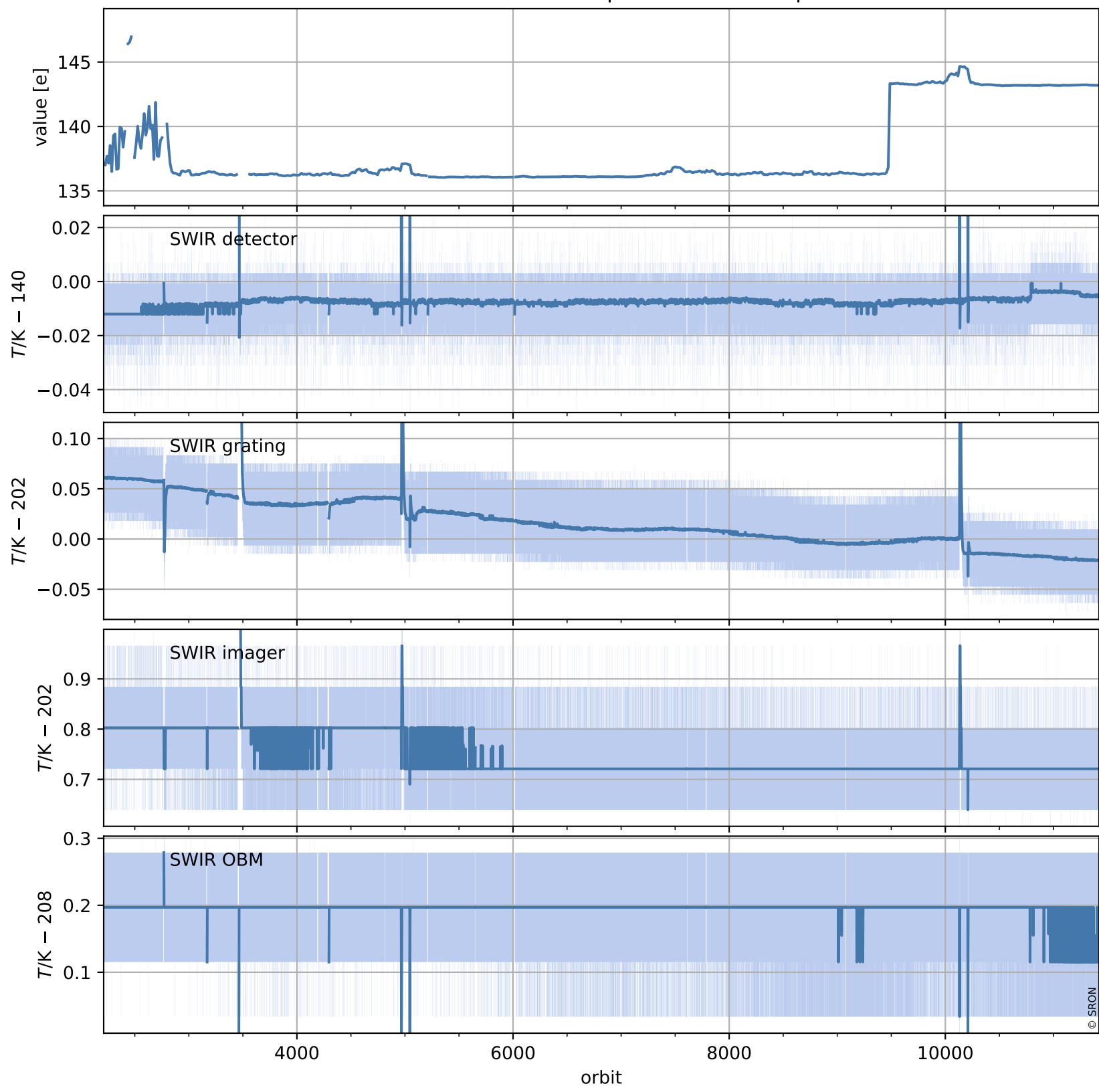
orbits : 12 in [11332, 11422]
coverage : 2019-12-21 / 2019-12-26
created : 2023-08-21T15:19:40



Tropomi SWIR background noise (swir)

orbits : [2212, 11422]
coverage : 2018-03-18 / 2019-12-26
created : 2023-08-21T15:19:40

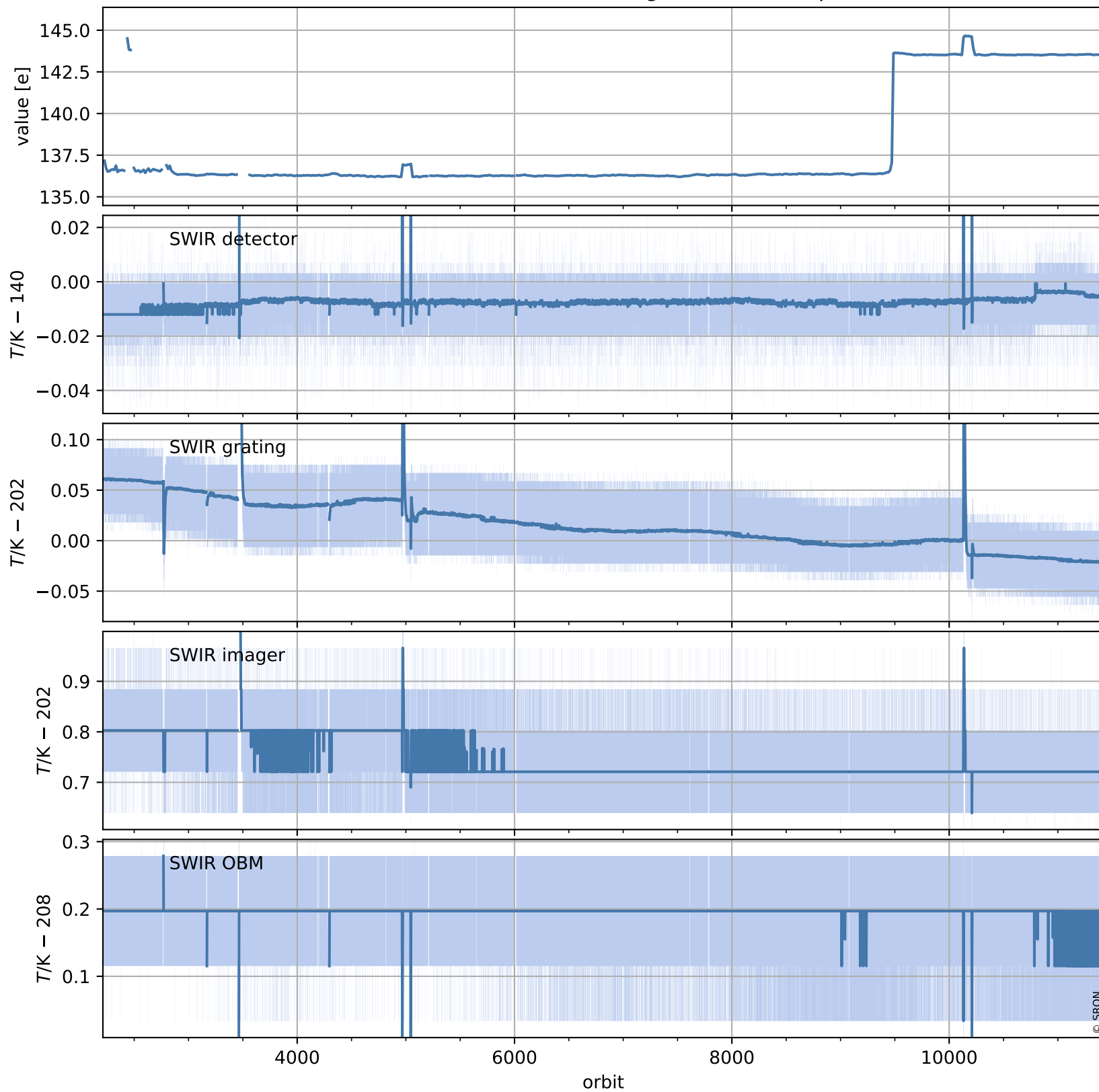
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11422]
coverage : 2018-03-18 / 2019-12-26
created : 2023-08-21T15:19:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11422]
coverage : 2018-03-18 / 2019-12-26
created : 2023-08-21T15:19:42

trend of normalized read-noise & temperatures

