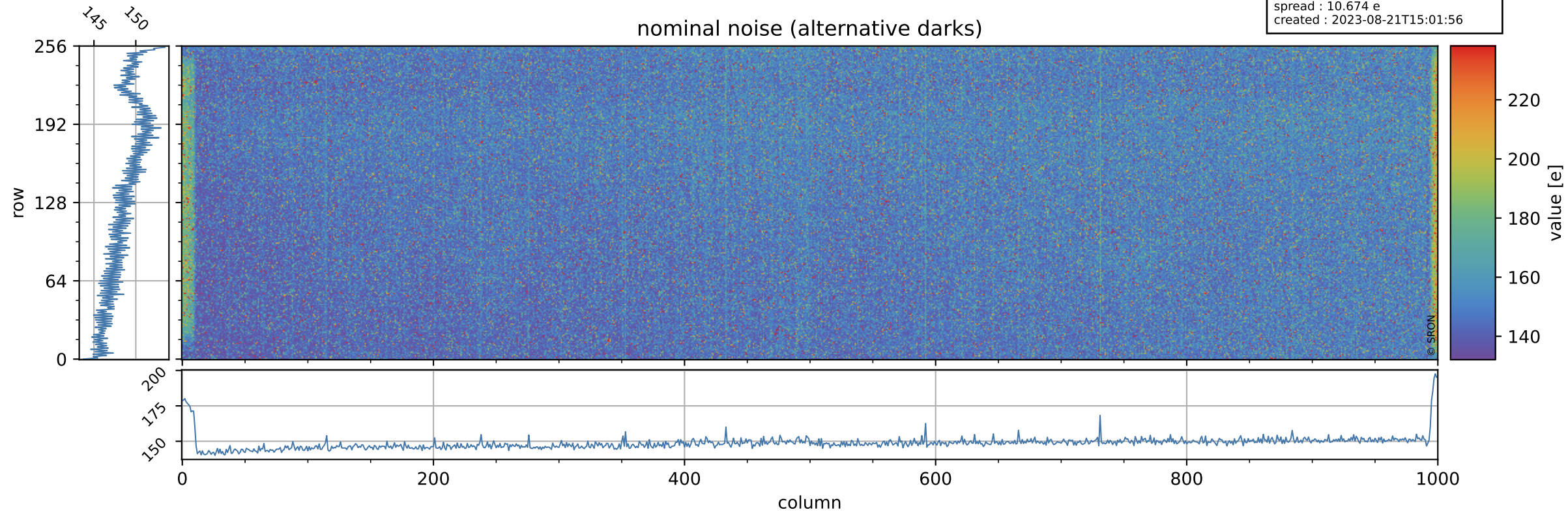


Tropomi SWIR background noise (swir)

orbits : 12 in [9067, 9157]
coverage : 2019-07-14 / 2019-07-20
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.674 e
created : 2023-08-21T15:01:56

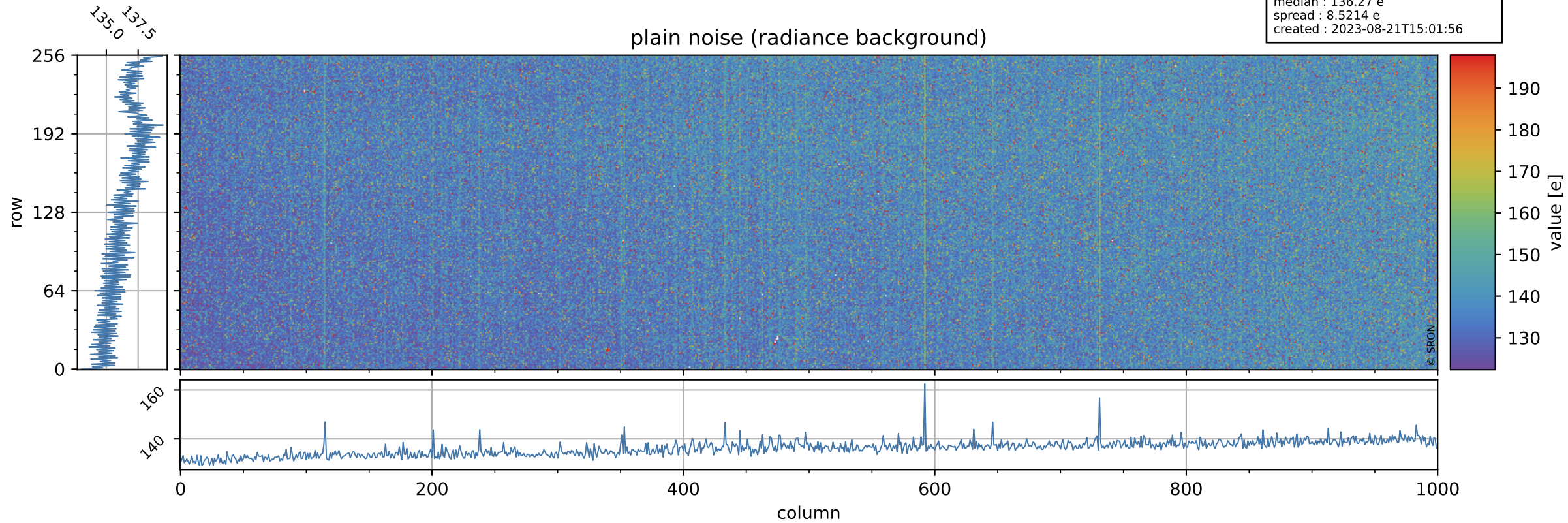
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9067, 9157]
coverage : 2019-07-14 / 2019-07-20
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.5214 e
created : 2023-08-21T15:01:56

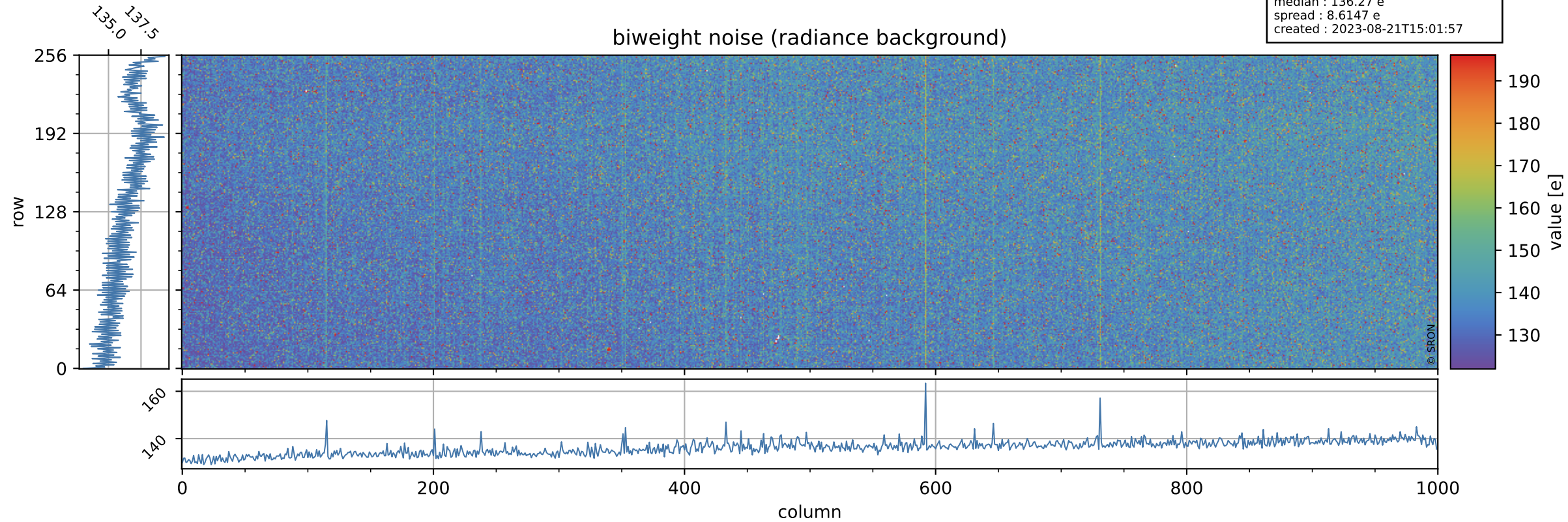
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9067, 9157]
coverage : 2019-07-14 / 2019-07-20
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.6147 e
created : 2023-08-21T15:01:57

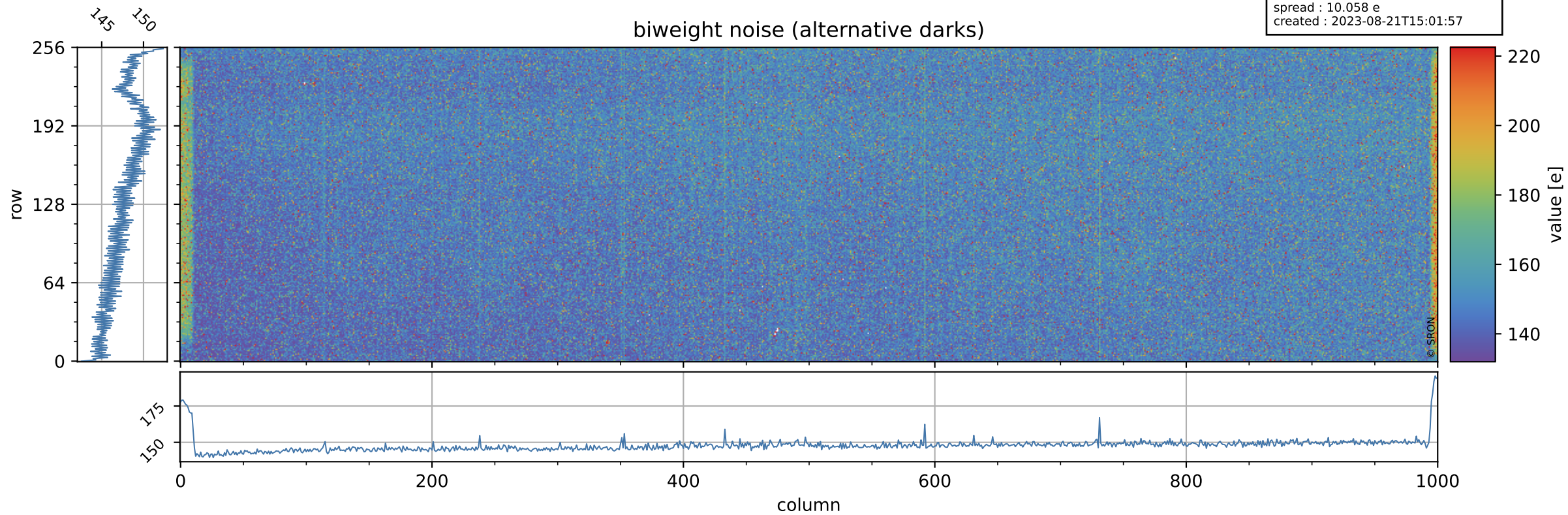
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9067, 9157]
coverage : 2019-07-14 / 2019-07-20
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.058 e
created : 2023-08-21T15:01:57

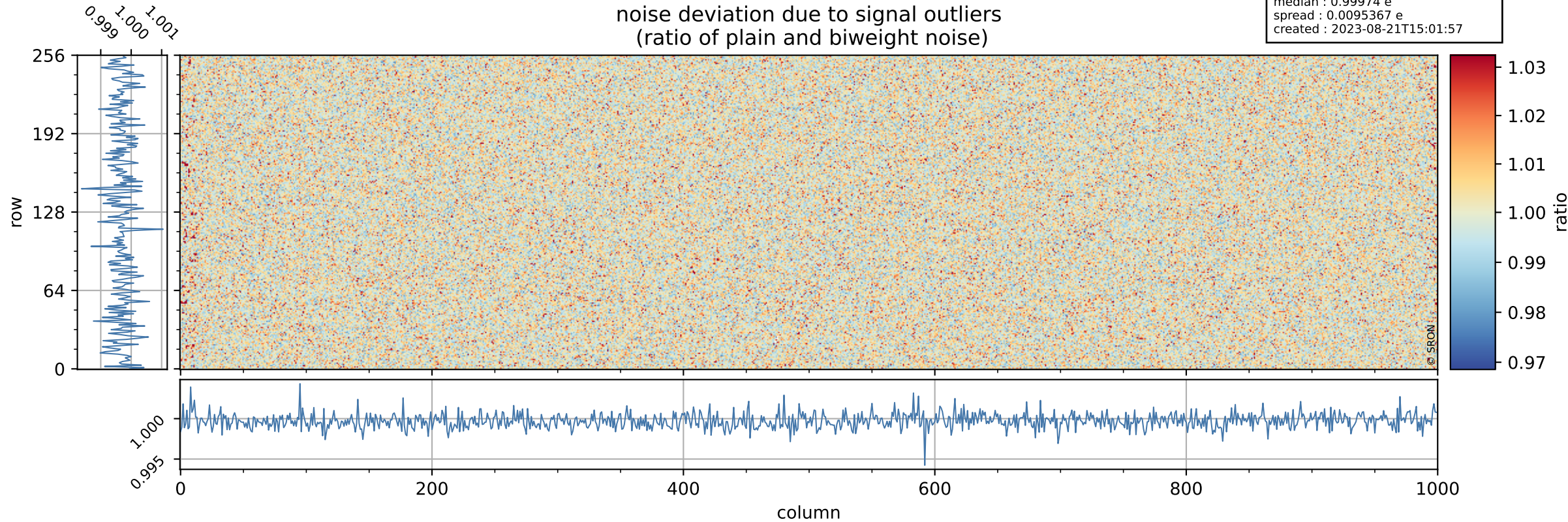
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

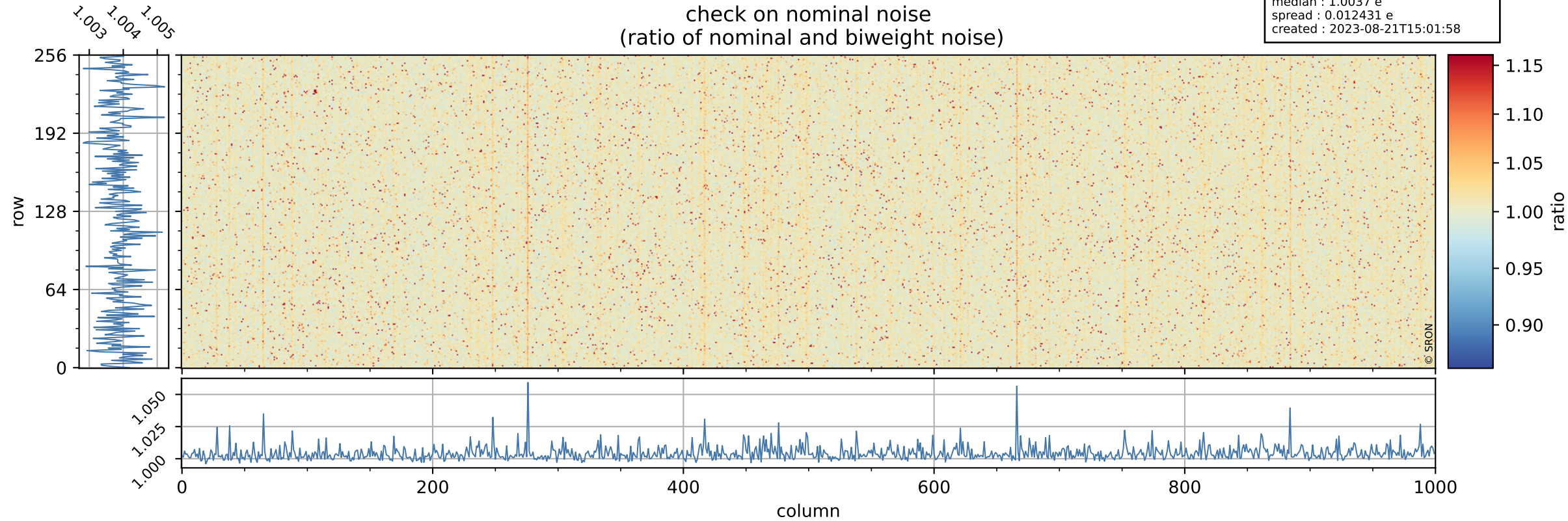
orbits : 12 in [9067, 9157]
coverage : 2019-07-14 / 2019-07-20
median : 0.99974 e
spread : 0.0095367 e
created : 2023-08-21T15:01:57



Tropomi SWIR background noise (swir)

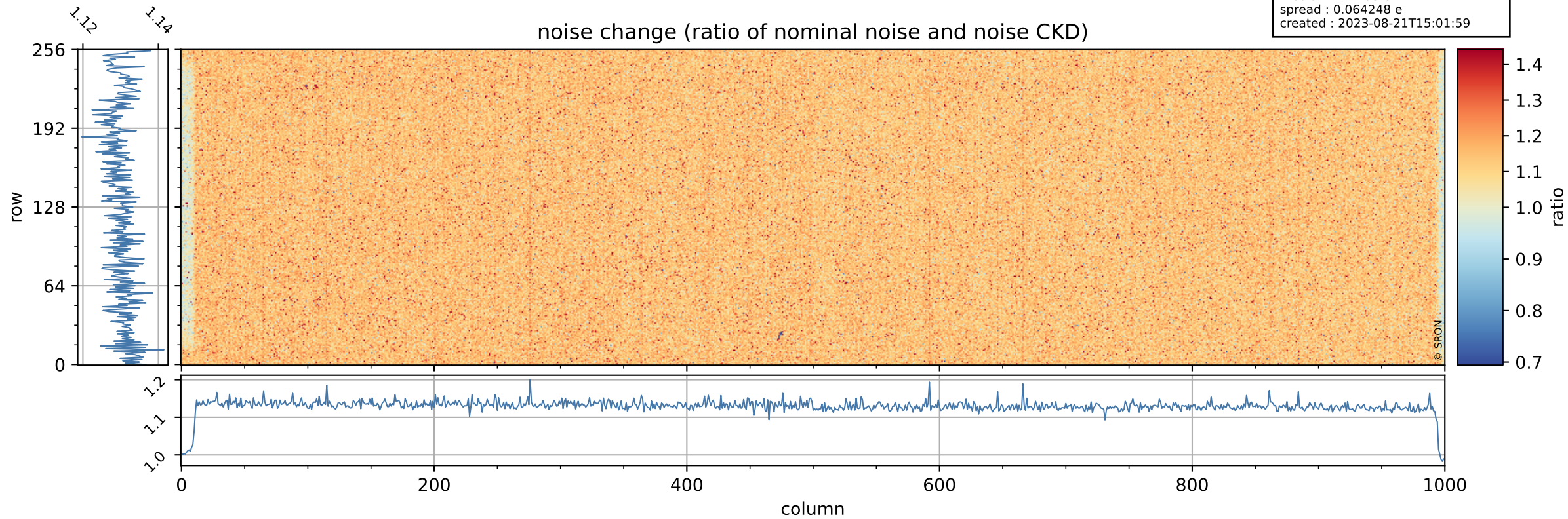
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9067, 9157]
coverage : 2019-07-14 / 2019-07-20
median : 1.0037 e
spread : 0.012431 e
created : 2023-08-21T15:01:58



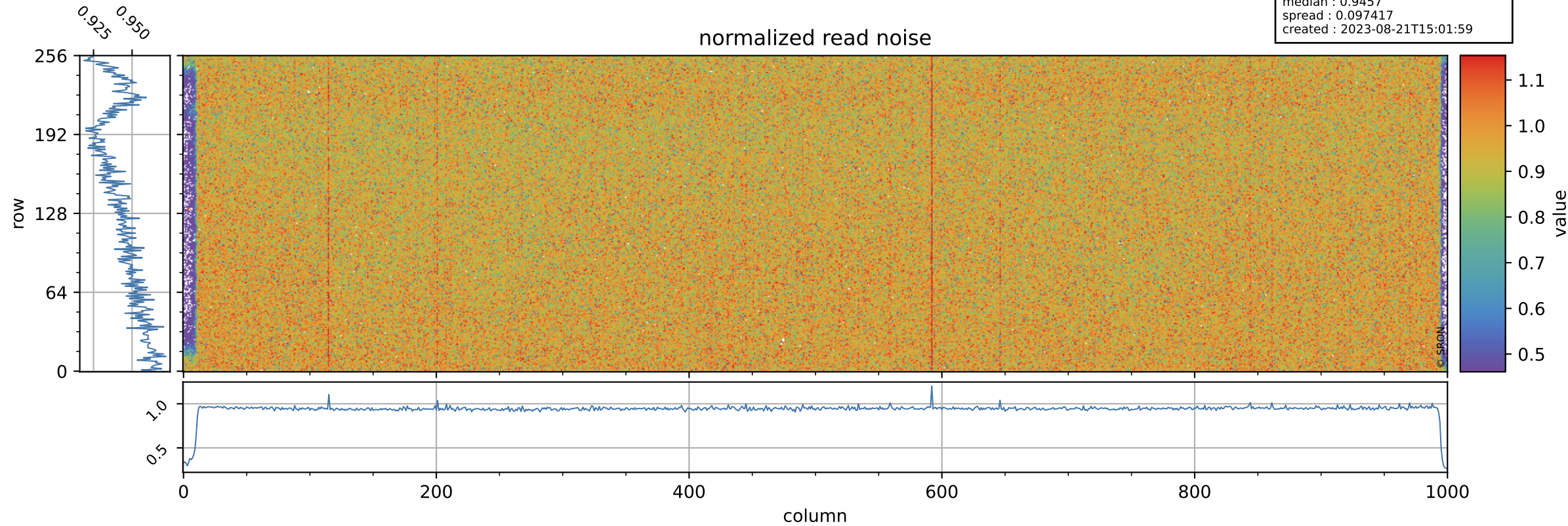
Tropomi SWIR background noise (swir)

orbits : 12 in [9067, 9157]
coverage : 2019-07-14 / 2019-07-20
median : 1.1295 e
spread : 0.064248 e
created : 2023-08-21T15:01:59



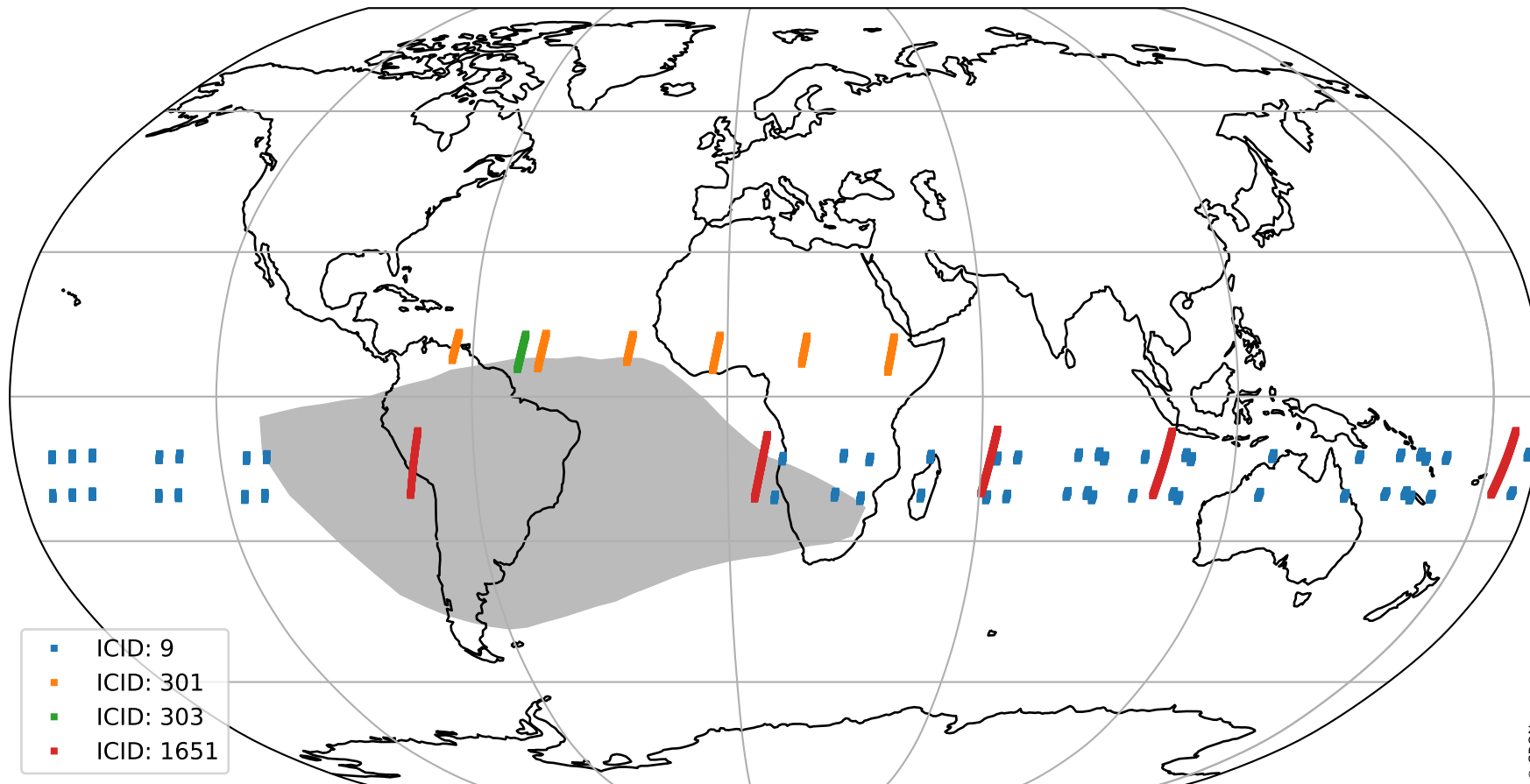
Tropomi SWIR background noise (swir)

orbits : 12 in [9067, 9157]
coverage : 2019-07-14 / 2019-07-20
median : 0.9457
spread : 0.097417
created : 2023-08-21T15:01:59



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

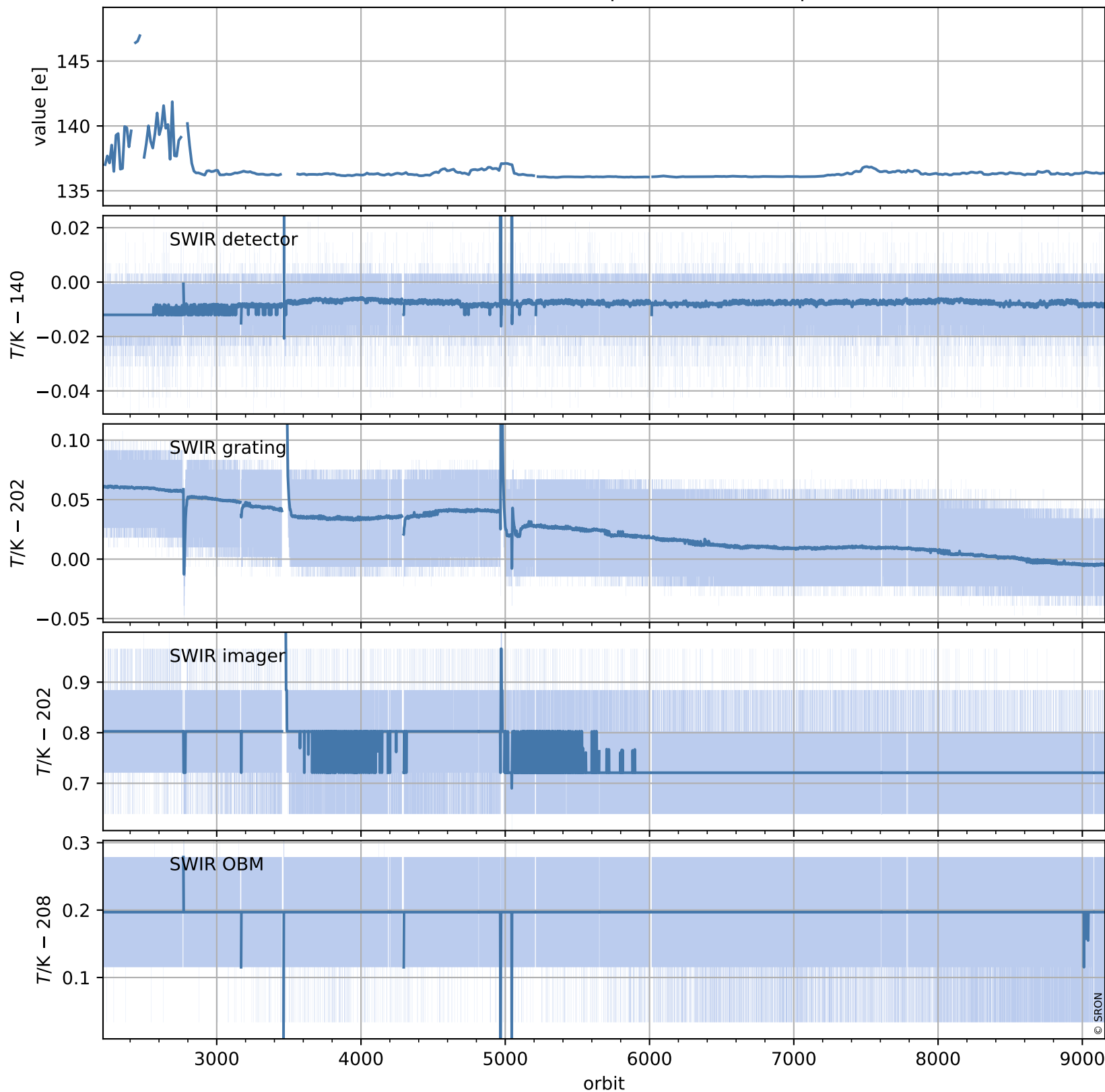
orbits : 12 in [9067, 9157]
coverage : 2019-07-14 / 2019-07-20
created : 2023-08-21T15:01:59



Tropomi SWIR background noise (swir)

orbits : [2212, 9157]
coverage : 2018-03-18 / 2019-07-20
created : 2023-08-21T15:02:00

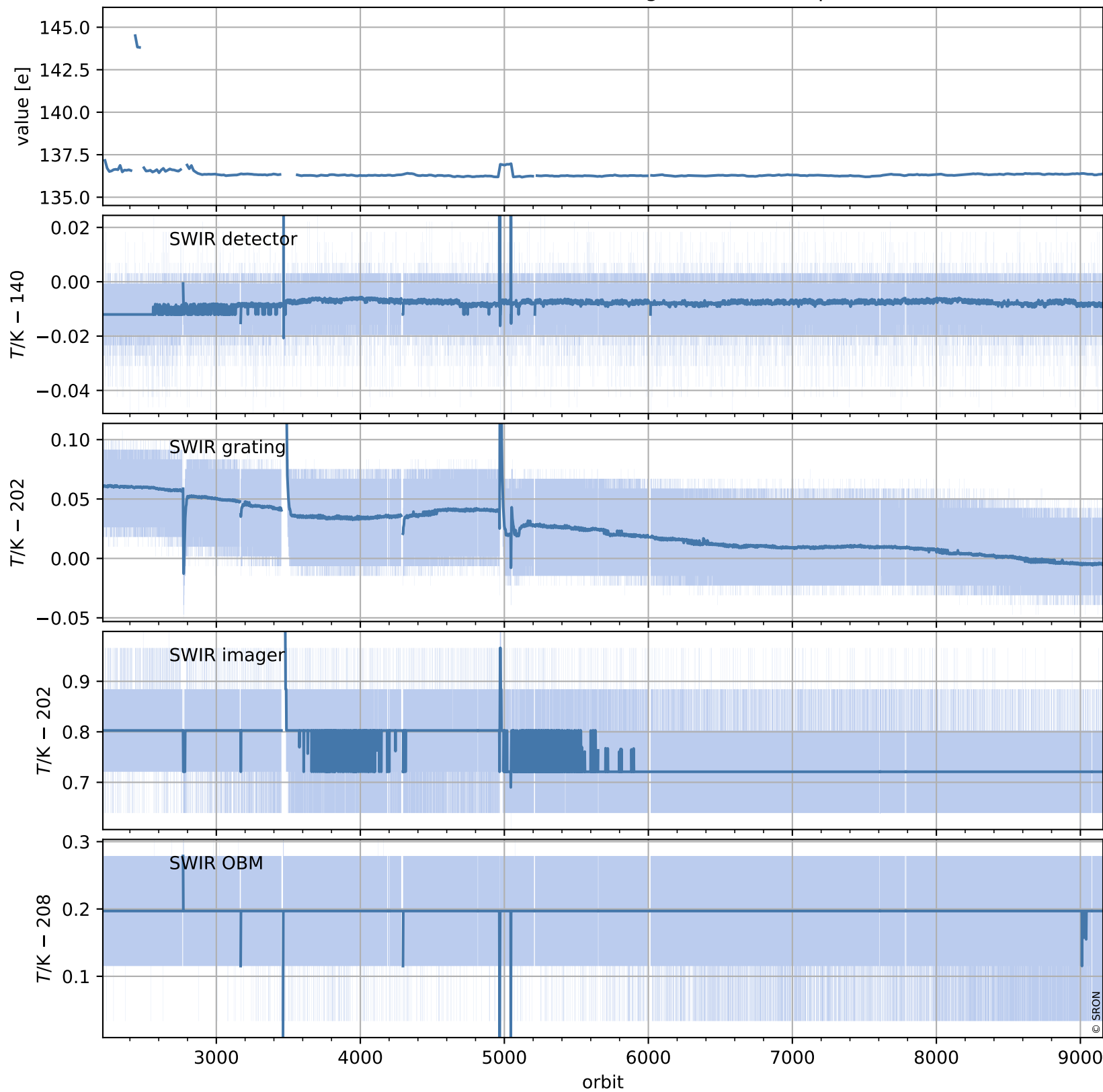
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9157]
coverage : 2018-03-18 / 2019-07-20
created : 2023-08-21T15:02:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9157]
coverage : 2018-03-18 / 2019-07-20
created : 2023-08-21T15:02:02

trend of normalized read-noise & temperatures

