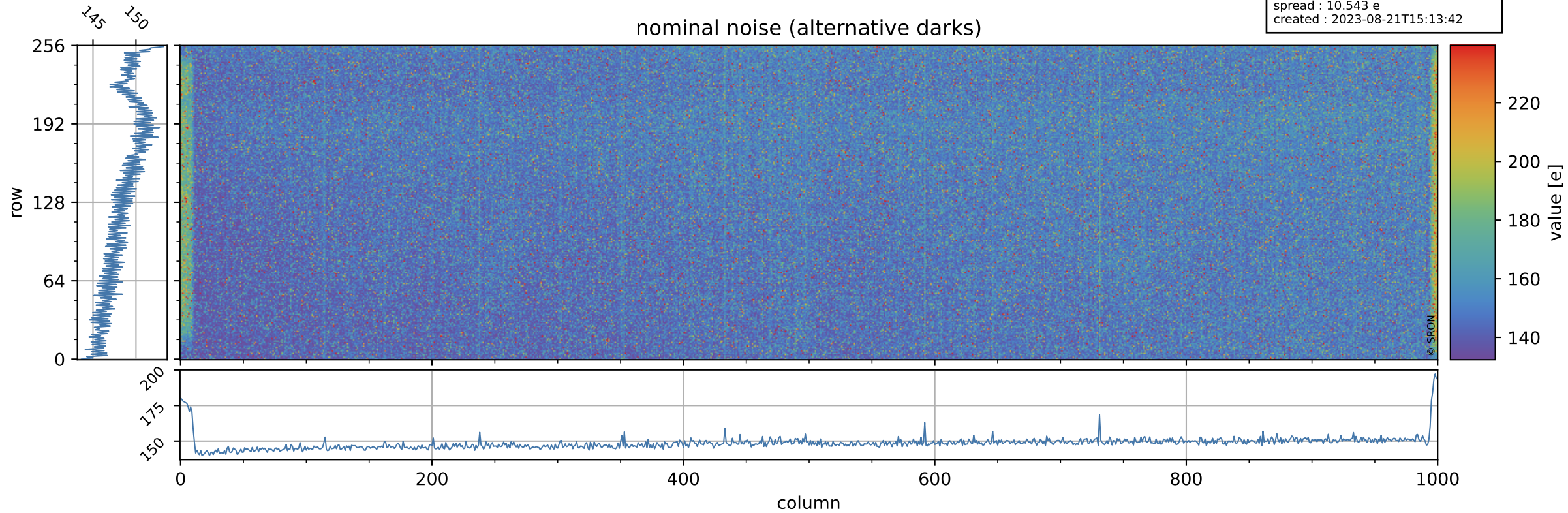


Tropomi SWIR background noise (swir)

orbits : 12 in [10567, 10642]
coverage : 2019-10-27 / 2019-11-01
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.543 e
created : 2023-08-21T15:13:42

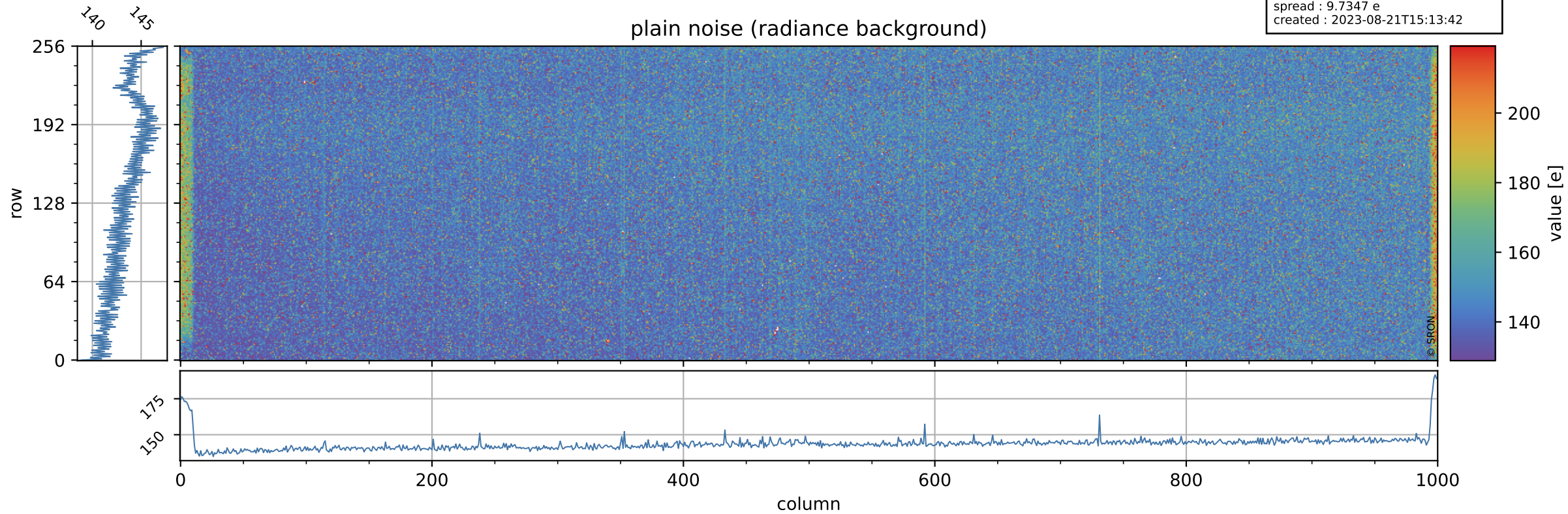
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10567, 10642]
coverage : 2019-10-27 / 2019-11-01
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7347 e
created : 2023-08-21T15:13:42

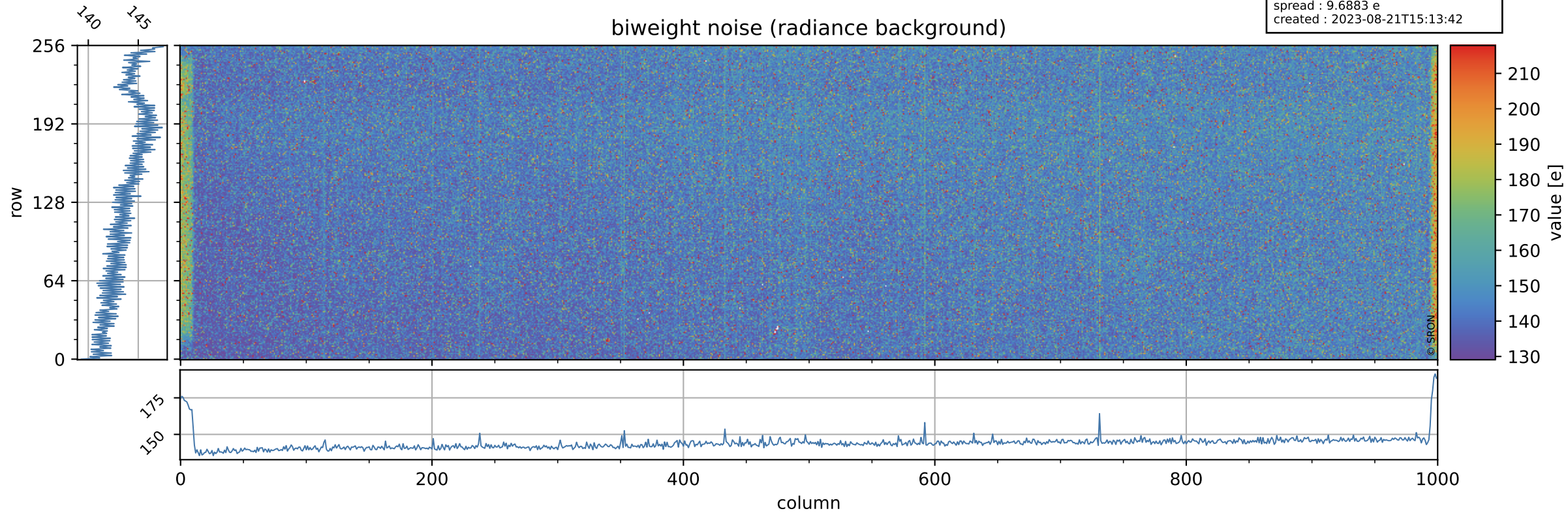
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10567, 10642]
coverage : 2019-10-27 / 2019-11-01
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 9.6883 e
created : 2023-08-21T15:13:42

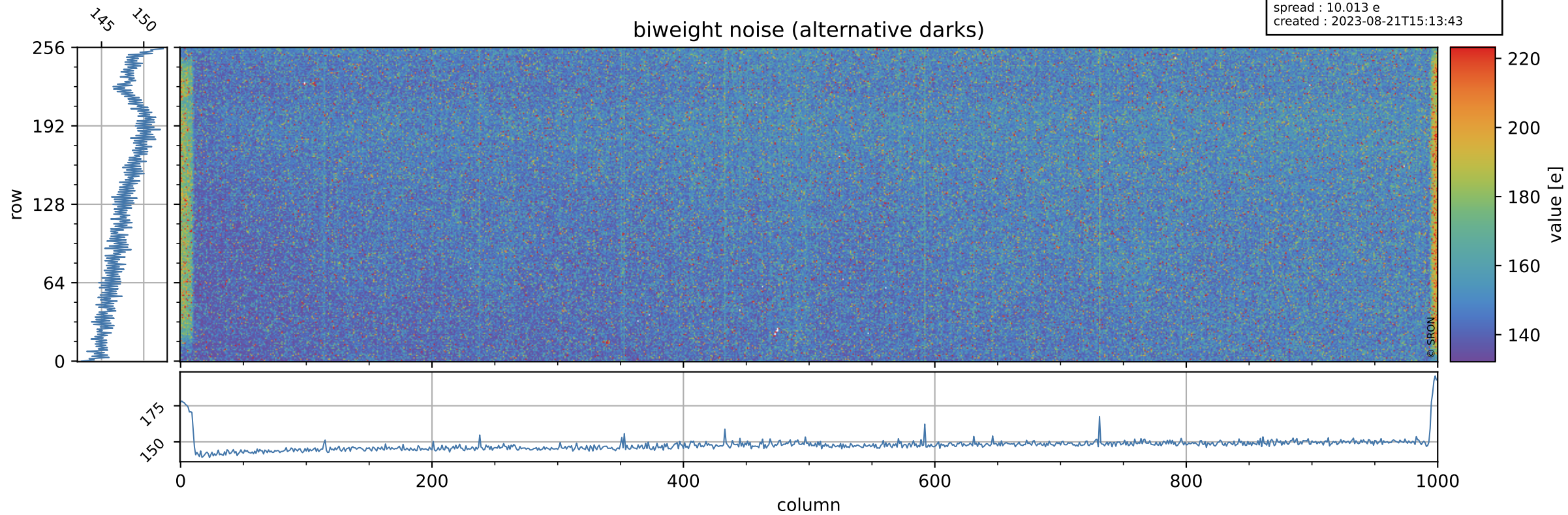
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10567, 10642]
coverage : 2019-10-27 / 2019-11-01
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.013 e
created : 2023-08-21T15:13:43

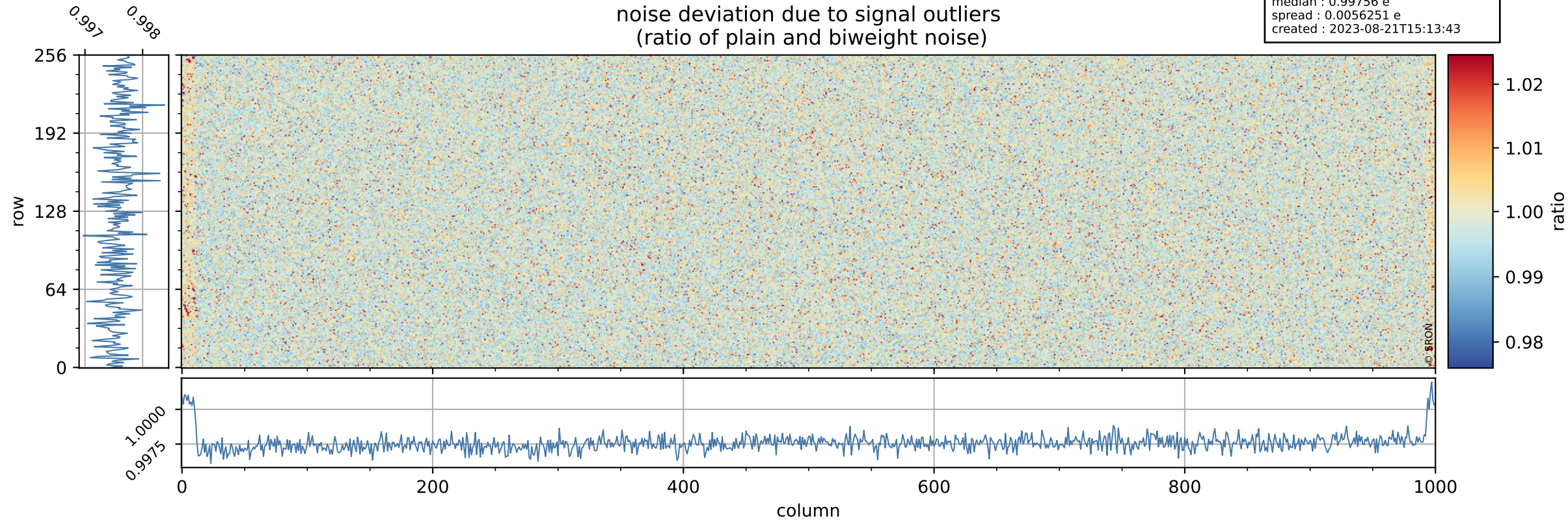
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

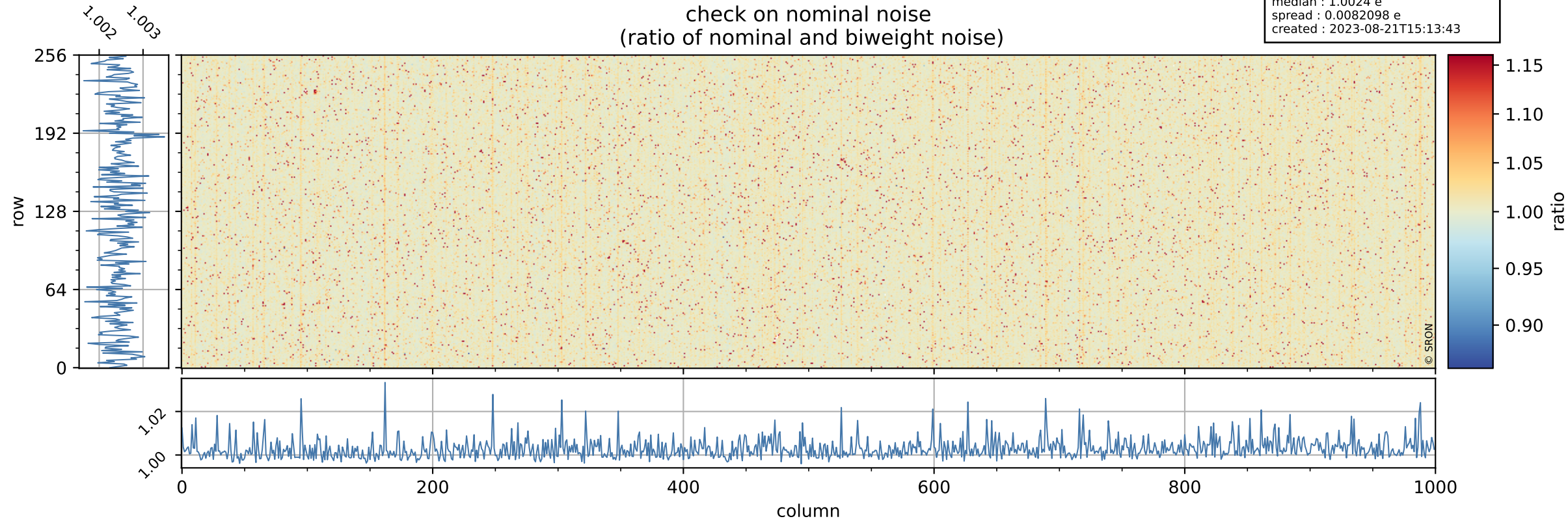
orbits : 12 in [10567, 10642]
coverage : 2019-10-27 / 2019-11-01
median : 0.99756 e
spread : 0.0056251 e
created : 2023-08-21T15:13:43



Tropomi SWIR background noise (swir)

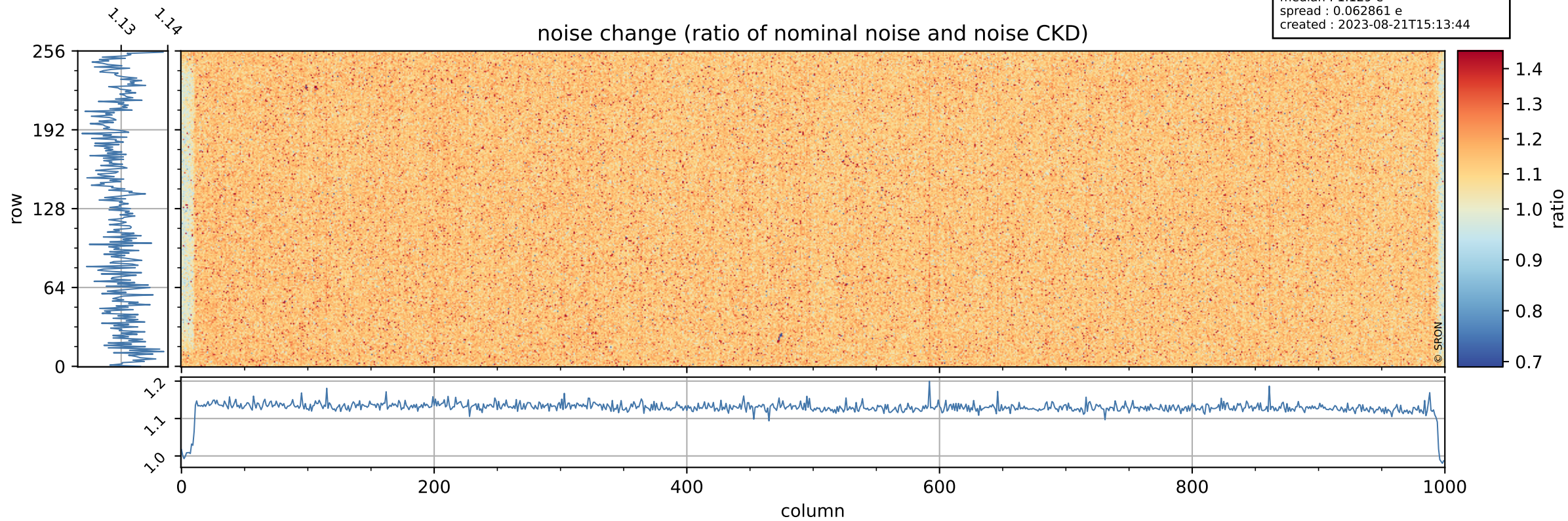
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10567, 10642]
coverage : 2019-10-27 / 2019-11-01
median : 1.0024 e
spread : 0.0082098 e
created : 2023-08-21T15:13:43



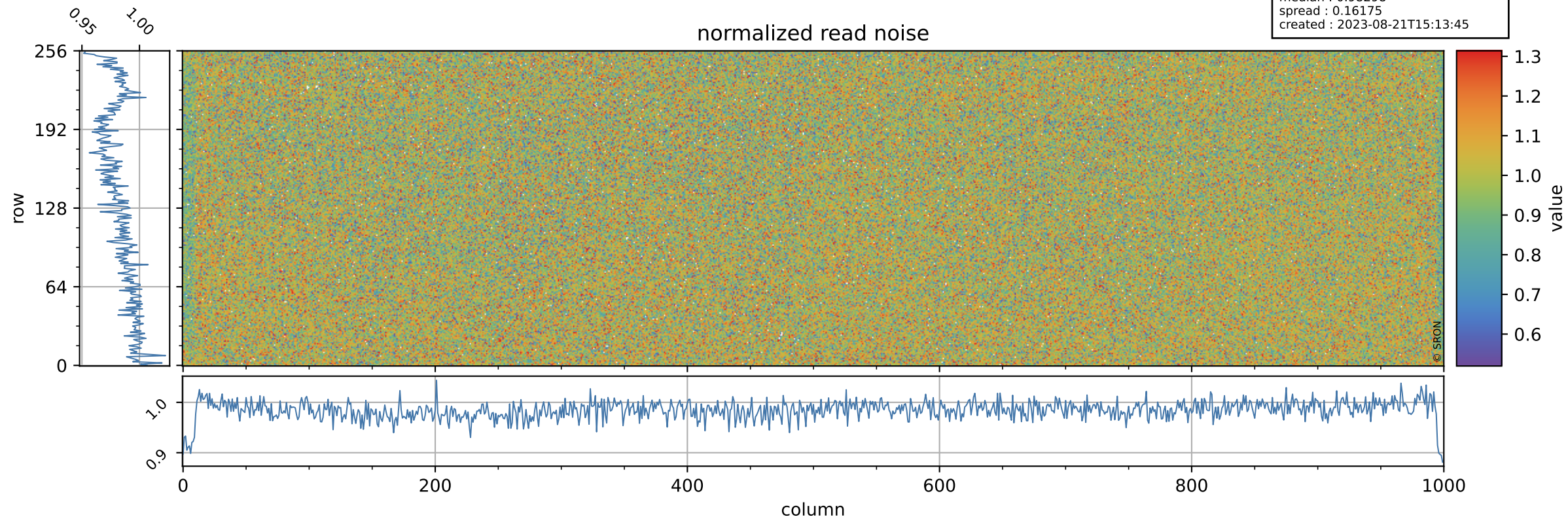
Tropomi SWIR background noise (swir)

orbits : 12 in [10567, 10642]
coverage : 2019-10-27 / 2019-11-01
median : 1.129 e
spread : 0.062861 e
created : 2023-08-21T15:13:44



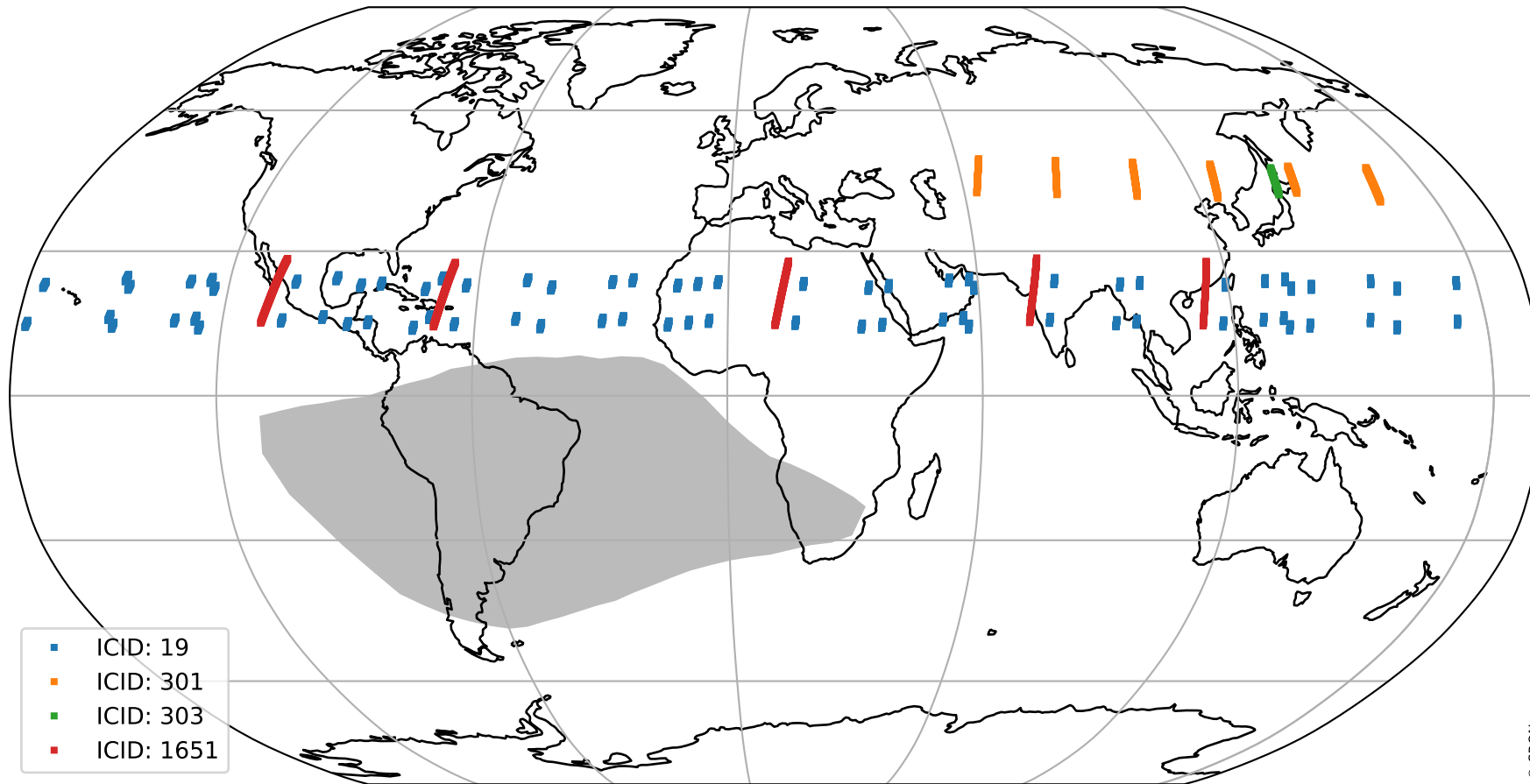
Tropomi SWIR background noise (swir)

orbits : 12 in [10567, 10642]
coverage : 2019-10-27 / 2019-11-01
median : 0.98298
spread : 0.16175
created : 2023-08-21T15:13:45



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

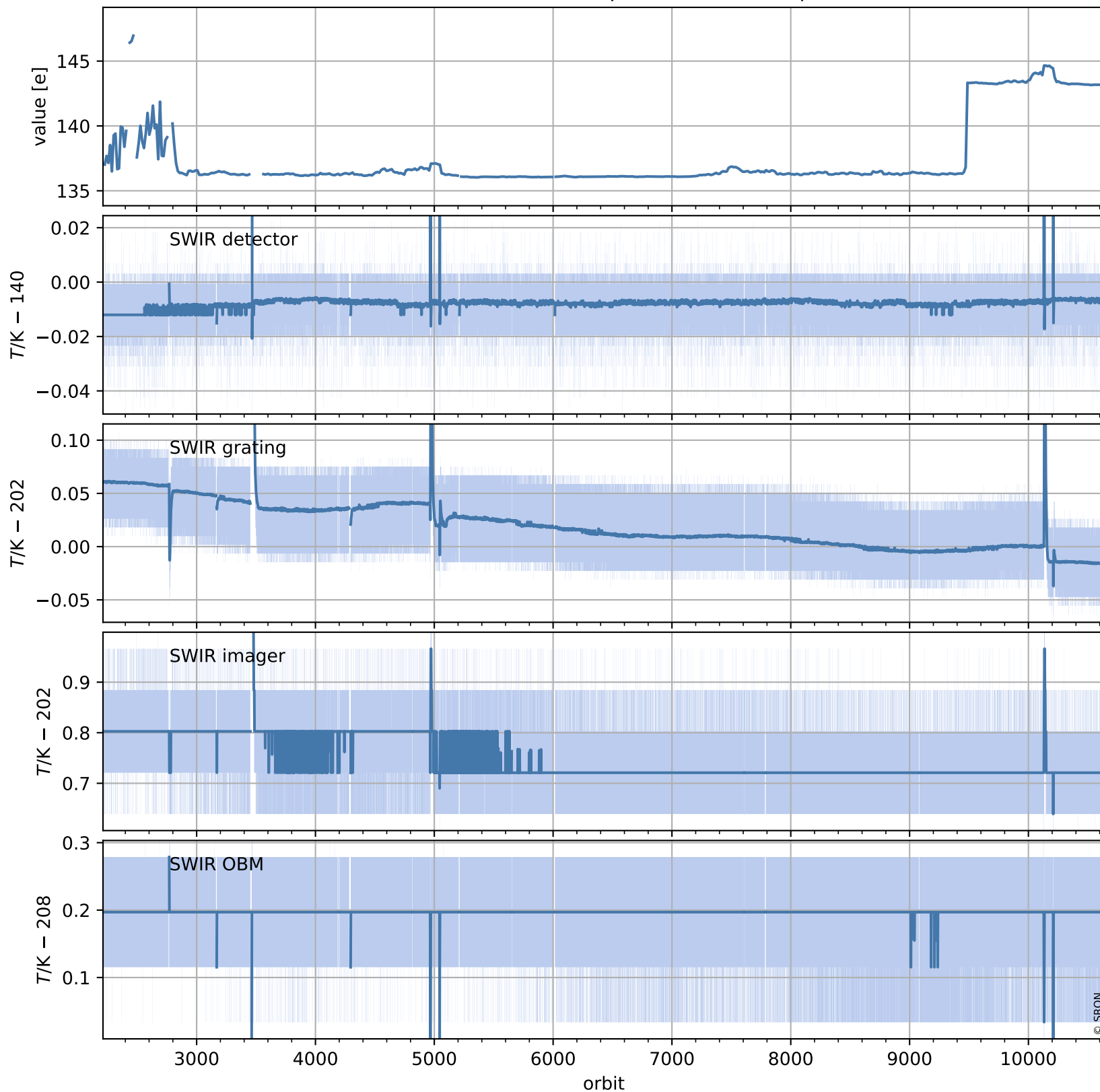
orbits : 12 in [10567, 10642]
coverage : 2019-10-27 / 2019-11-01
created : 2023-08-21T15:13:45



Tropomi SWIR background noise (swir)

orbits : [2212, 10642]
coverage : 2018-03-18 / 2019-11-01
created : 2023-08-21T15:13:46

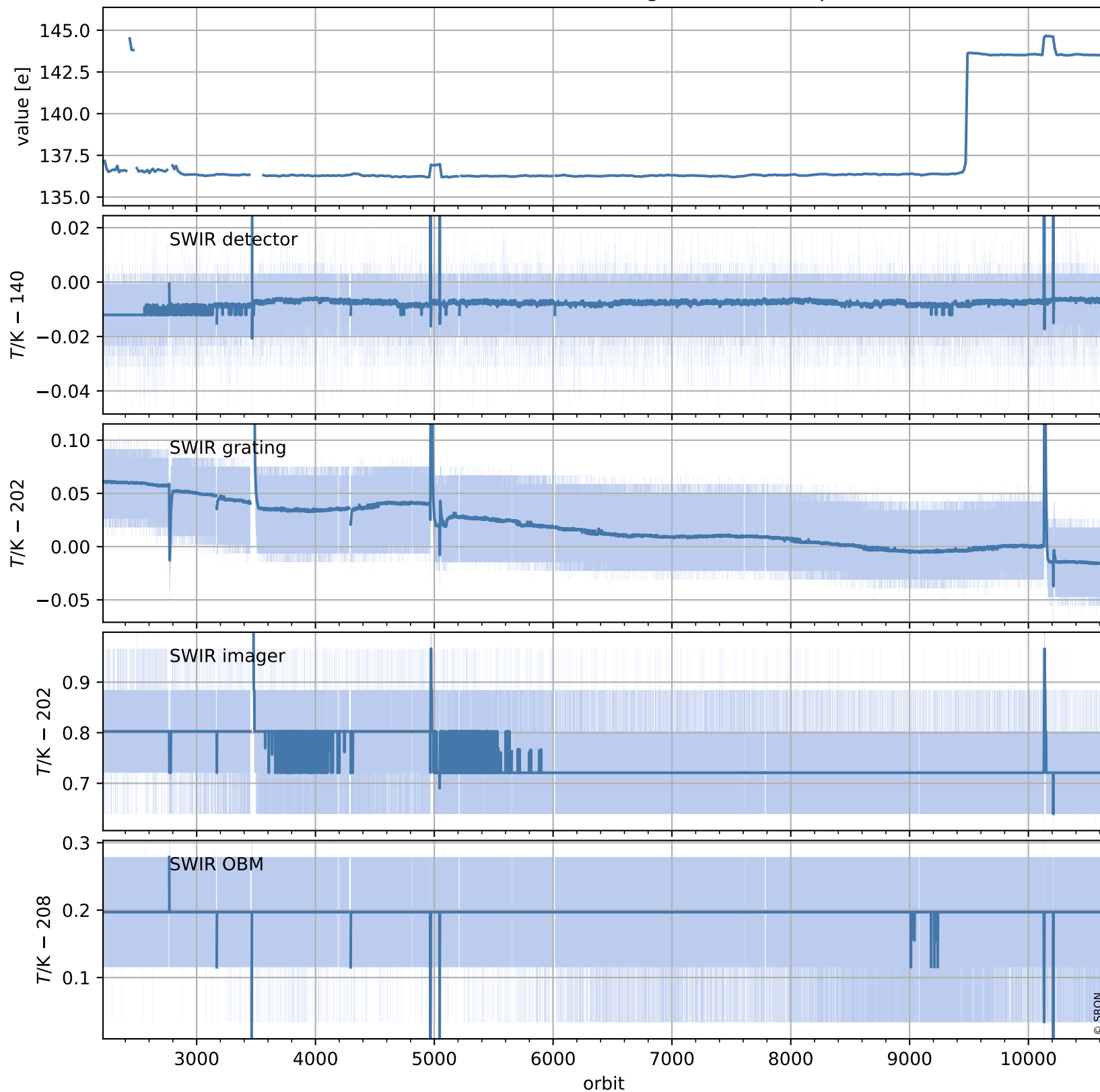
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10642]
coverage : 2018-03-18 / 2019-11-01
created : 2023-08-21T15:13:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10642]
coverage : 2018-03-18 / 2019-11-01
created : 2023-08-21T15:13:48

trend of normalized read-noise & temperatures

