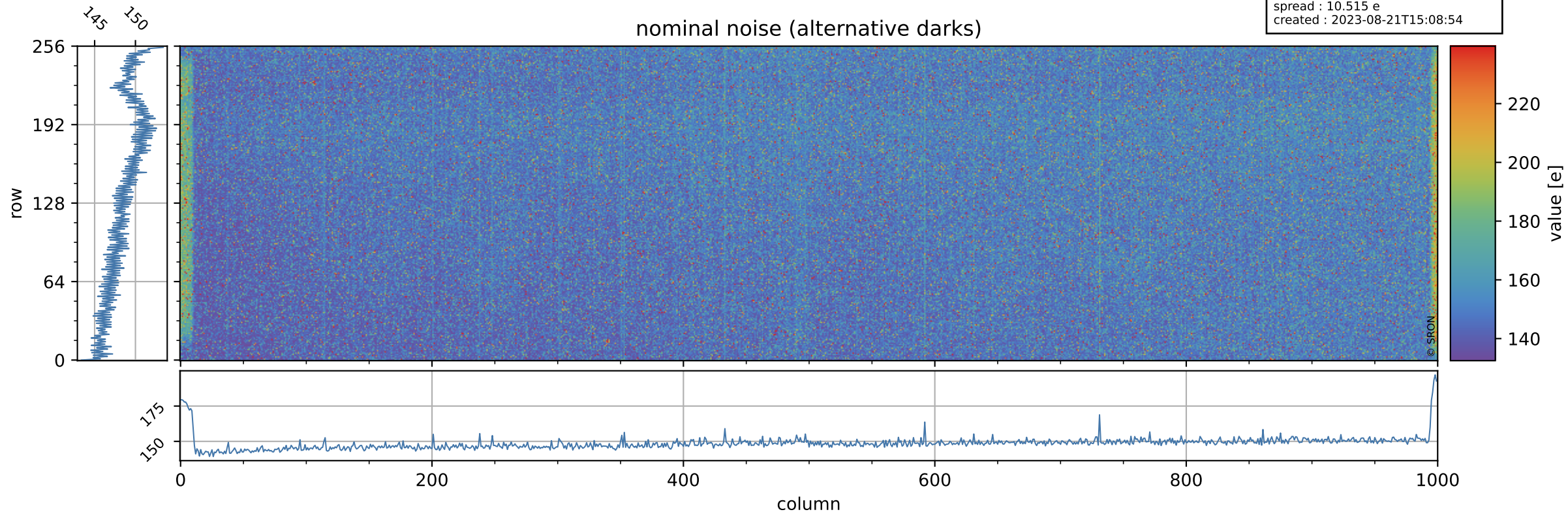


Tropomi SWIR background noise (swir)

orbits : 13 in [9952, 10042]
coverage : 2019-09-15 / 2019-09-20
n_coad, t_exp : 1, 1.0783
median : 148.46 e
spread : 10.515 e
created : 2023-08-21T15:08:54

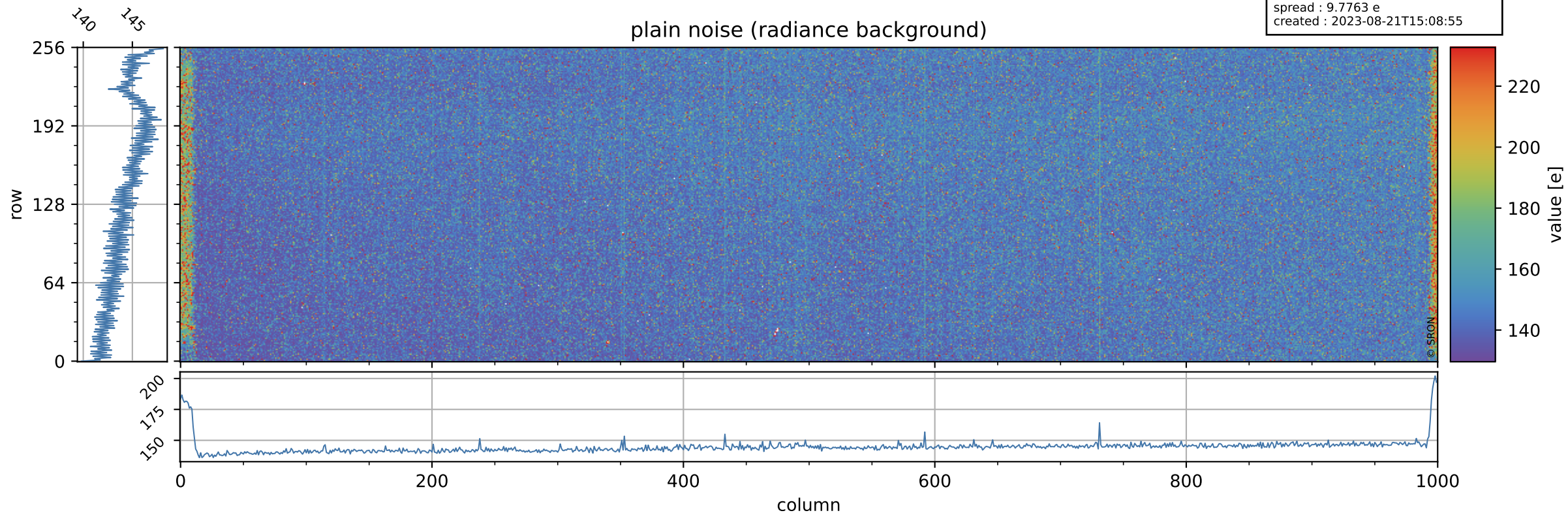
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [9952, 10042]
coverage : 2019-09-15 / 2019-09-20
n_coad, t_exp : 1, 0.8383
median : 144.16 e
spread : 9.7763 e
created : 2023-08-21T15:08:55

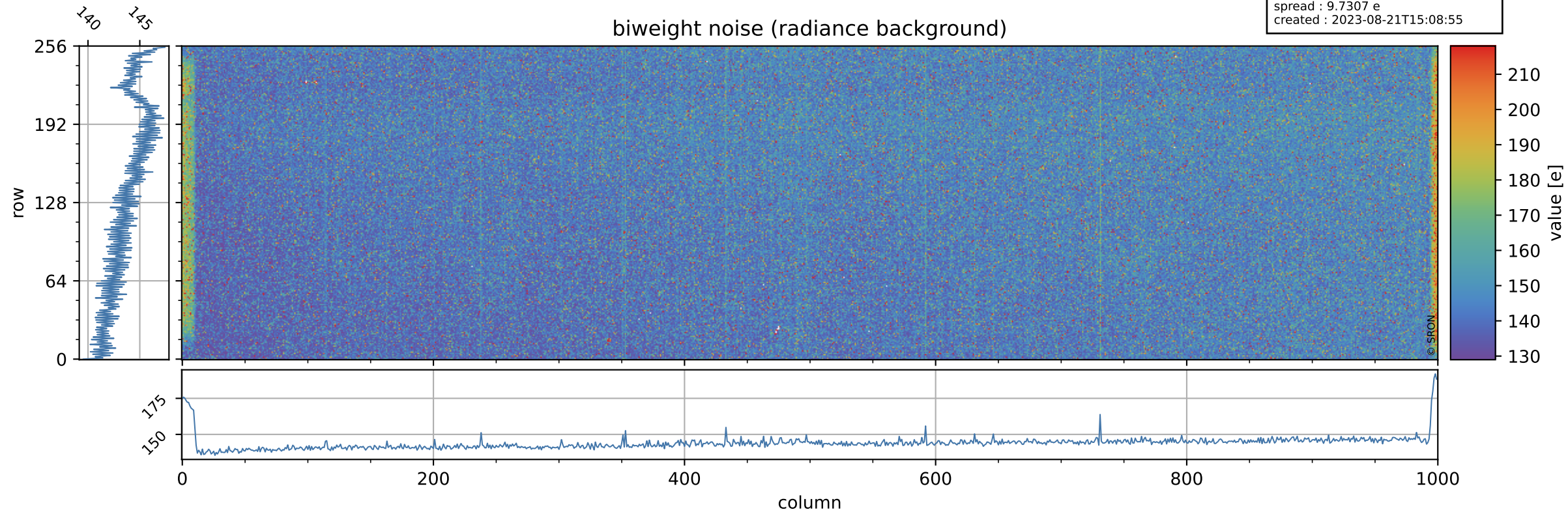
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9952, 10042]
coverage : 2019-09-15 / 2019-09-20
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.7307 e
created : 2023-08-21T15:08:55

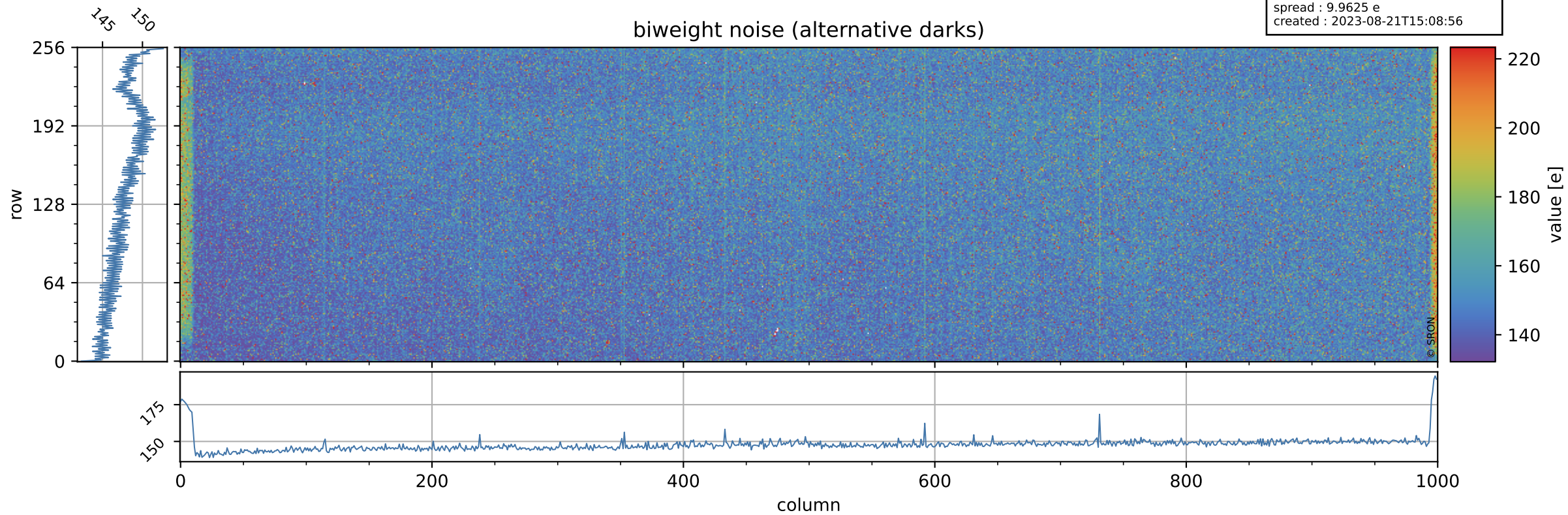
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9952, 10042]
coverage : 2019-09-15 / 2019-09-20
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9625 e
created : 2023-08-21T15:08:56

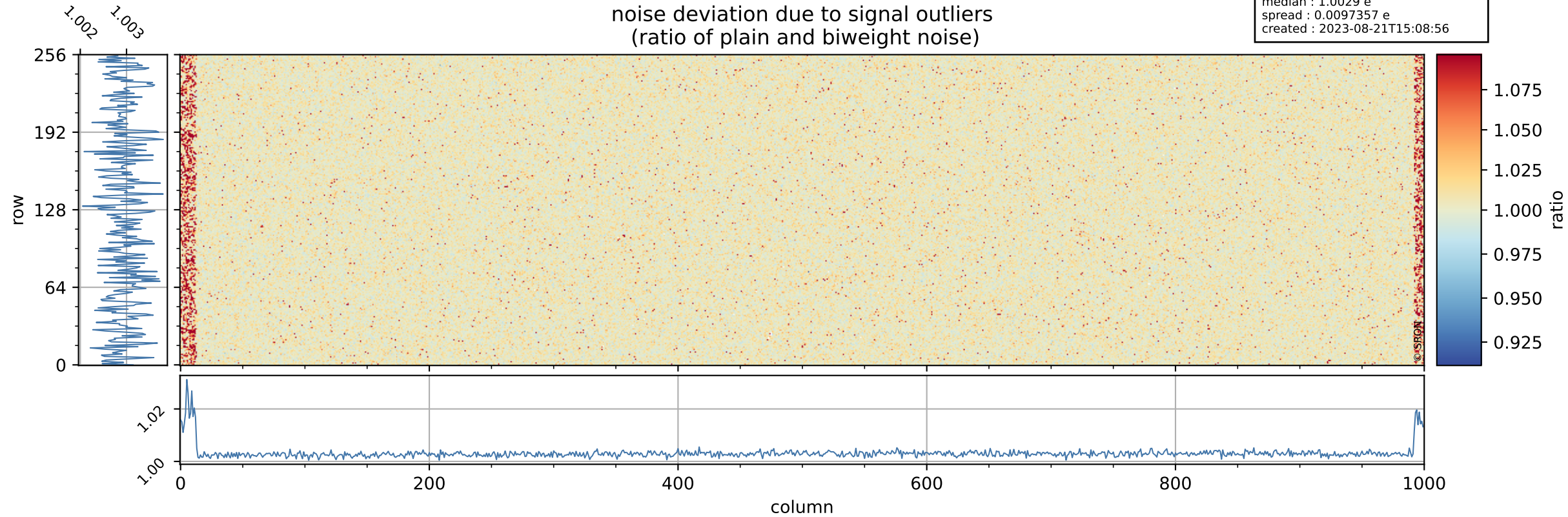
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

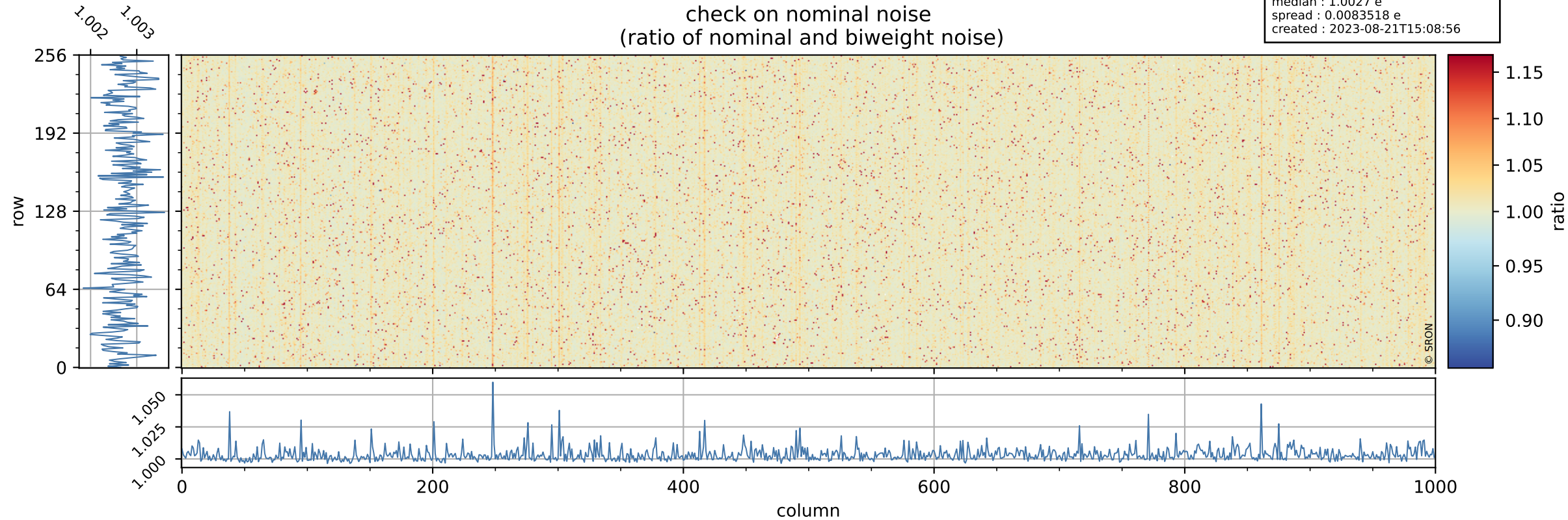
orbits : 13 in [9952, 10042]
coverage : 2019-09-15 / 2019-09-20
median : 1.0029 e
spread : 0.0097357 e
created : 2023-08-21T15:08:56



Tropomi SWIR background noise (swir)

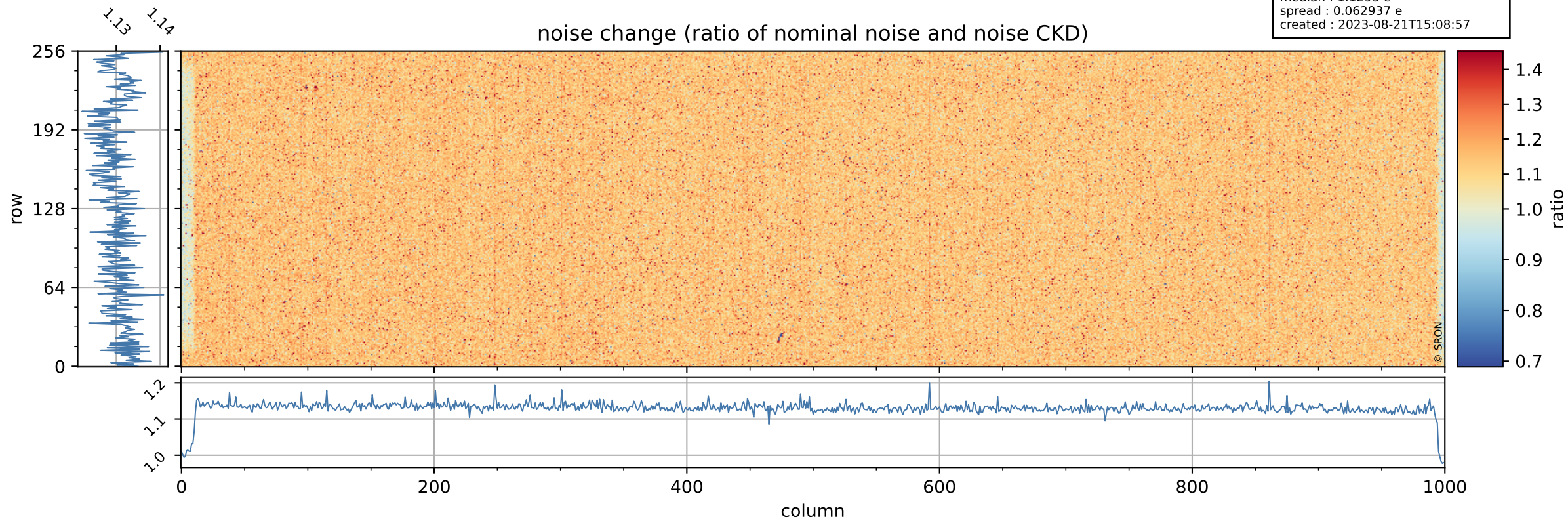
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [9952, 10042]
coverage : 2019-09-15 / 2019-09-20
median : 1.0027 e
spread : 0.0083518 e
created : 2023-08-21T15:08:56



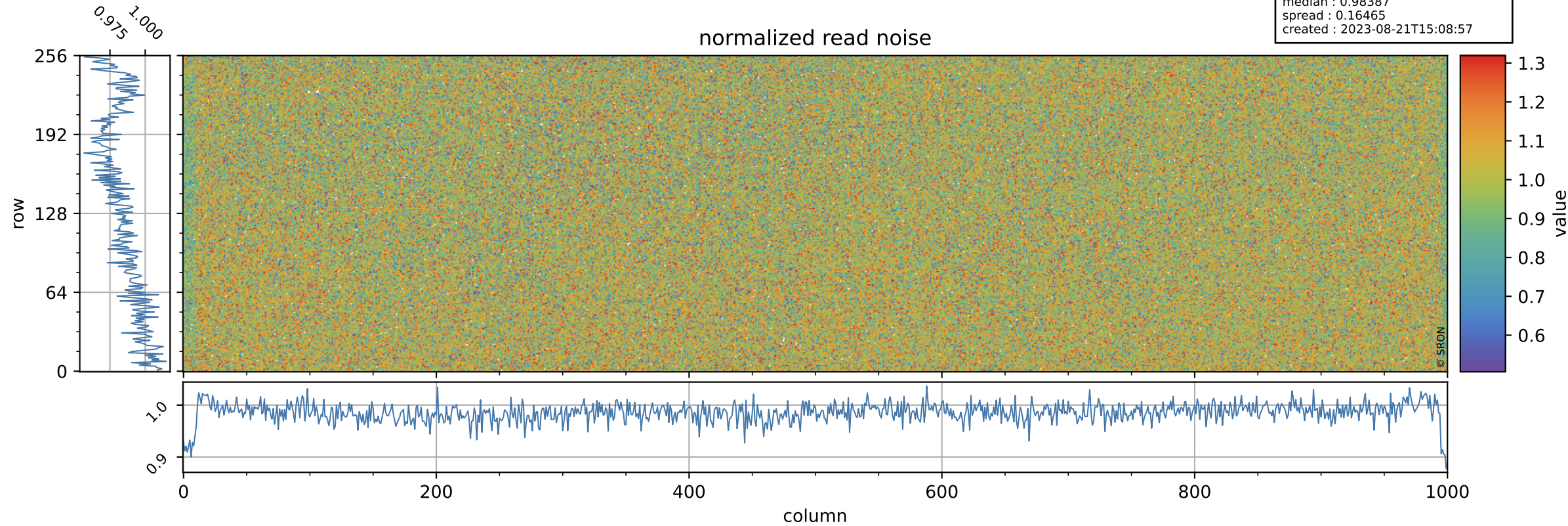
Tropomi SWIR background noise (swir)

orbits : 13 in [9952, 10042]
coverage : 2019-09-15 / 2019-09-20
median : 1.1295 e
spread : 0.062937 e
created : 2023-08-21T15:08:57



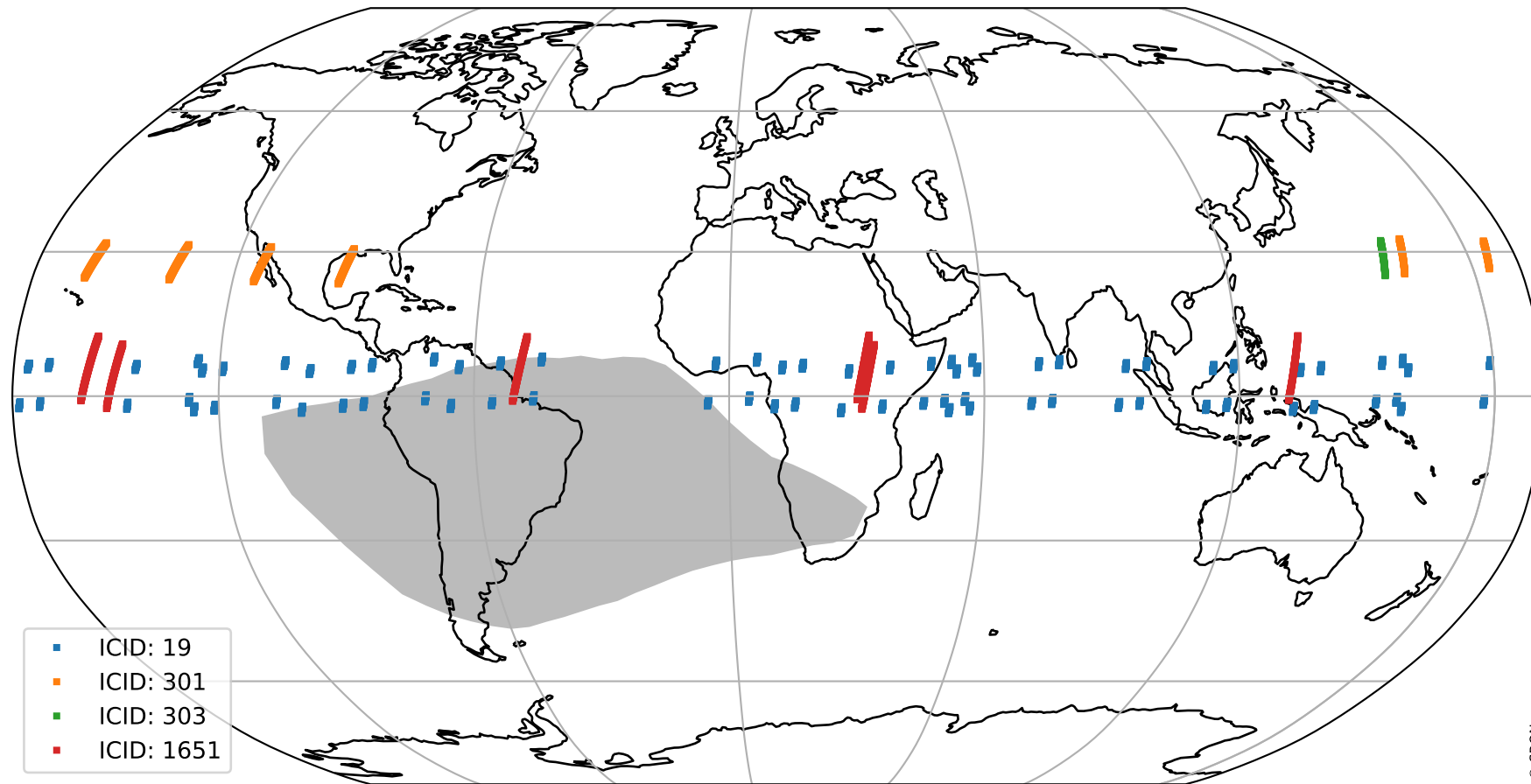
Tropomi SWIR background noise (swir)

orbits : 13 in [9952, 10042]
coverage : 2019-09-15 / 2019-09-20
median : 0.98387
spread : 0.16465
created : 2023-08-21T15:08:57



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

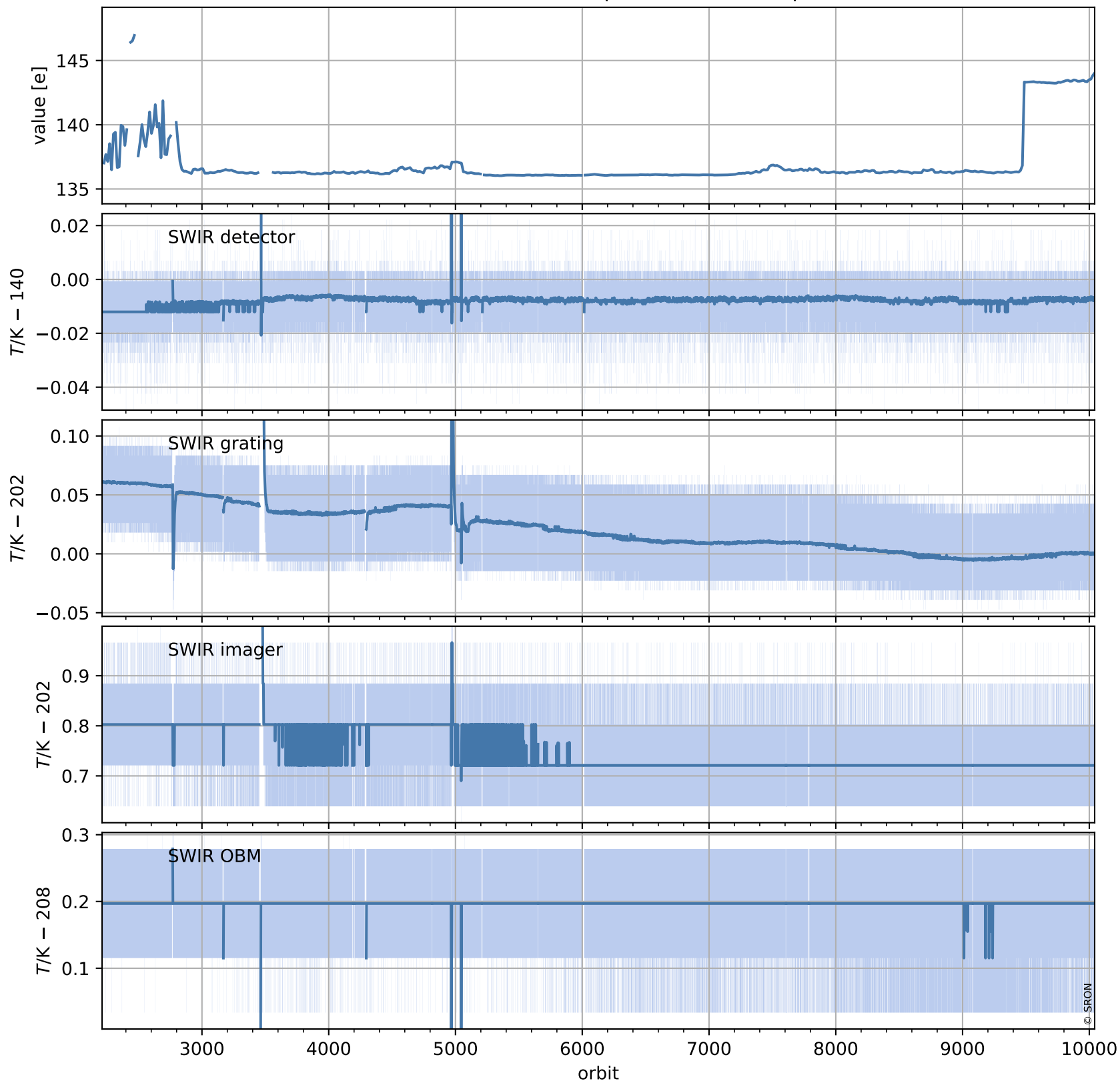
orbits : 13 in [9952, 10042]
coverage : 2019-09-15 / 2019-09-20
created : 2023-08-21T15:08:58



Tropomi SWIR background noise (swir)

orbits : [2212, 10042]
coverage : 2018-03-18 / 2019-09-20
created : 2023-08-21T15:08:58

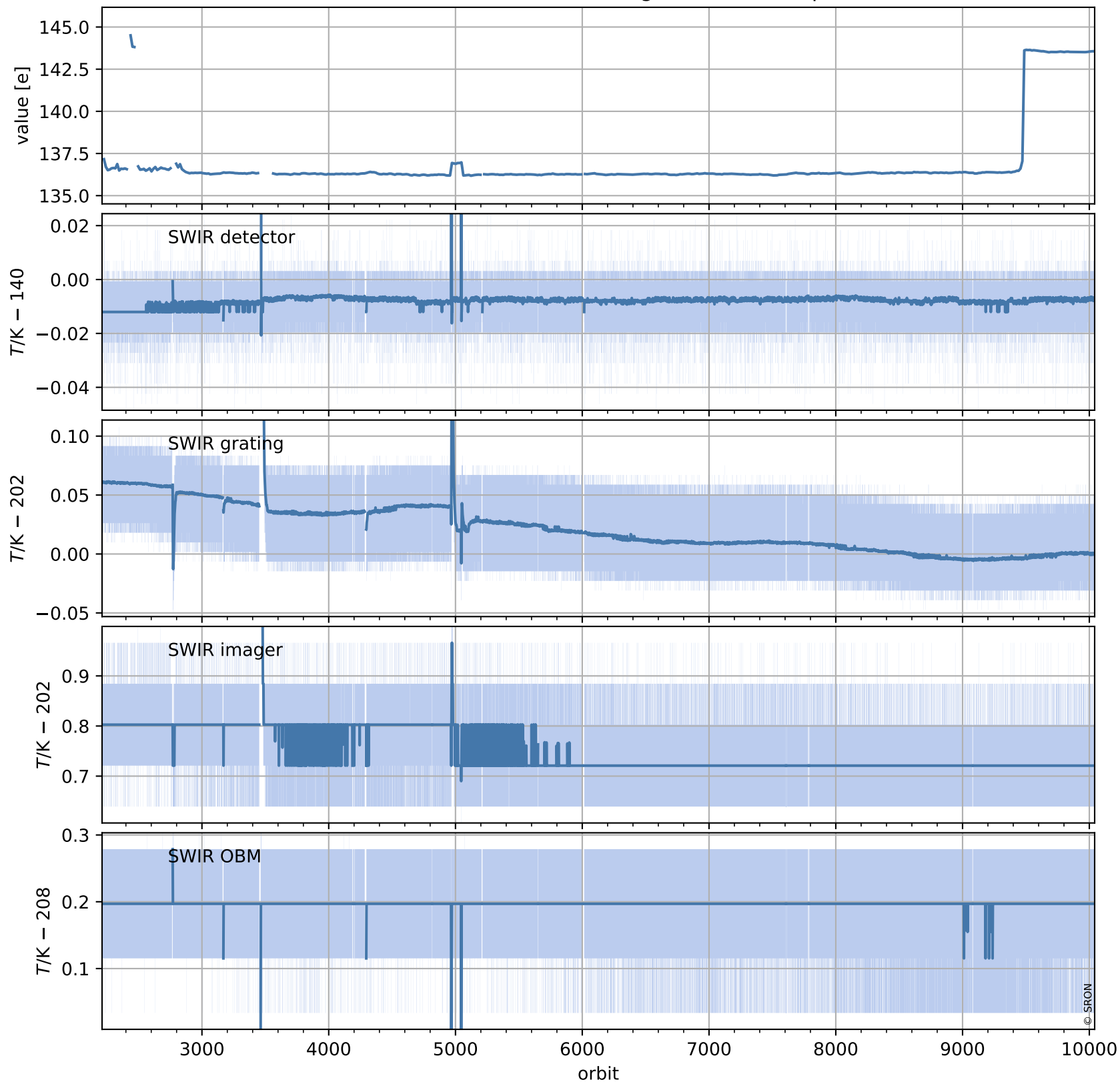
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10042]
coverage : 2018-03-18 / 2019-09-20
created : 2023-08-21T15:08:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10042]
coverage : 2018-03-18 / 2019-09-20
created : 2023-08-21T15:09:00

trend of normalized read-noise & temperatures

