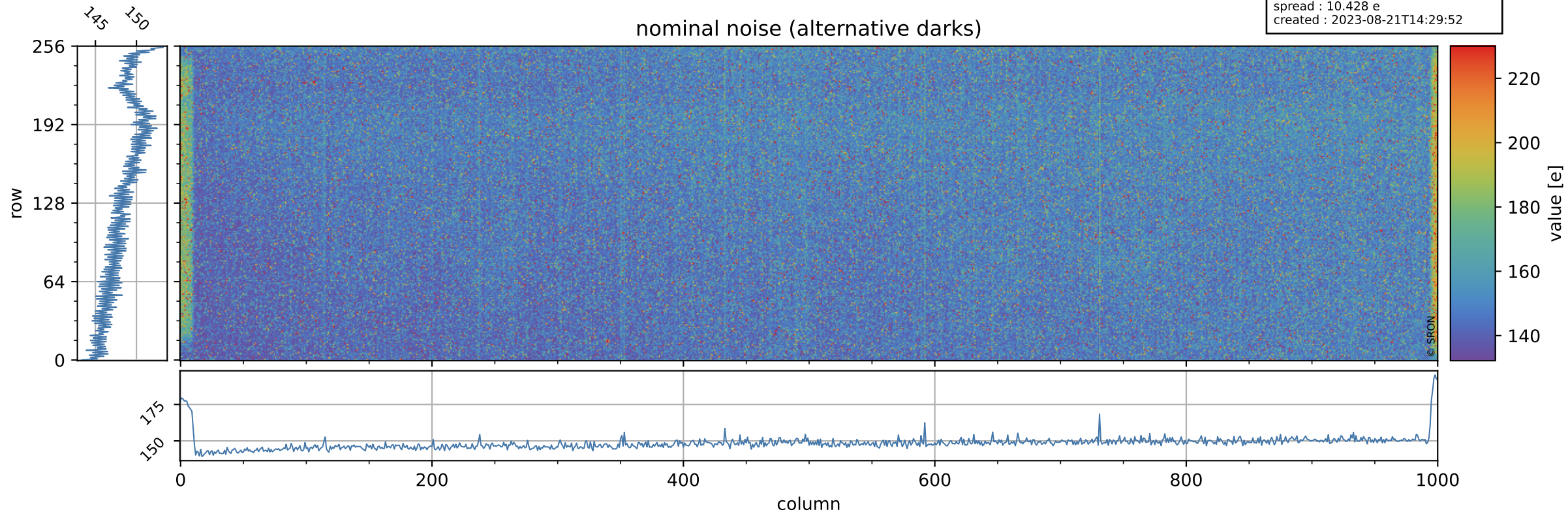


Tropomi SWIR background noise (swir)

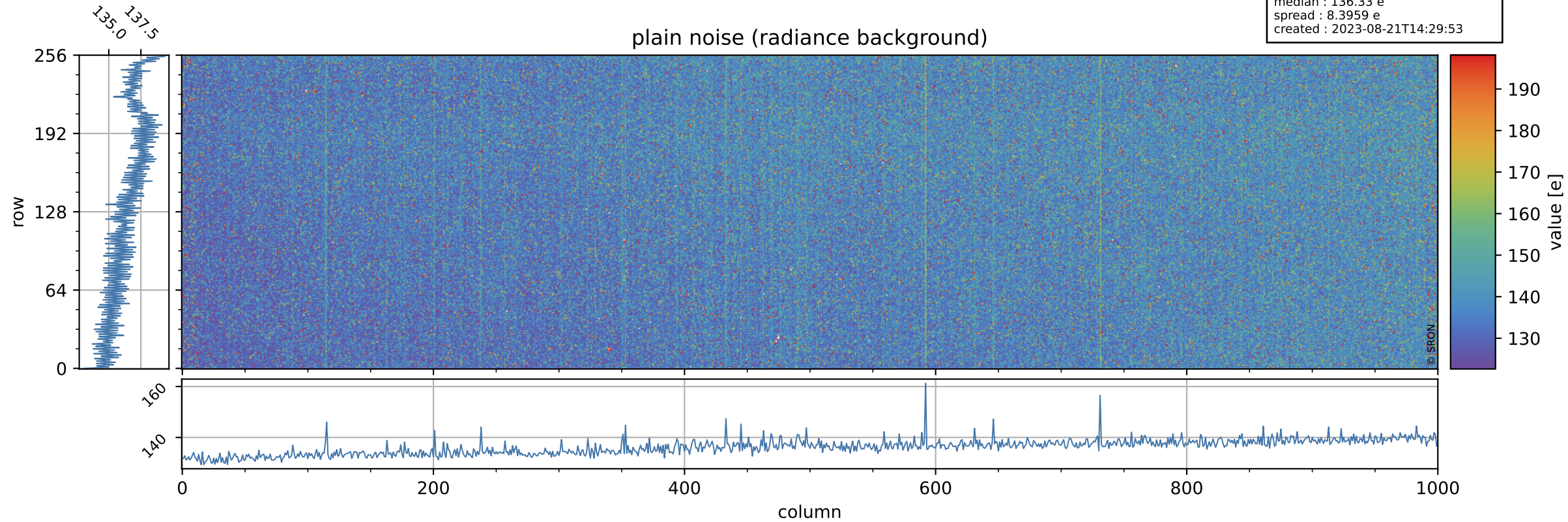
orbits : 13 in [4582, 4672]
coverage : 2018-09-01 / 2018-09-07
n_coad, t_exp : 1, 1.0783
median : 148.25 e
spread : 10.428 e
created : 2023-08-21T14:29:52



Tropomi SWIR background noise (swir)

orbits : 13 in [4582, 4672]
coverage : 2018-09-01 / 2018-09-07
n_coad, t_exp : 2, 0.5383
median : 136.33 e
spread : 8.3959 e
created : 2023-08-21T14:29:53

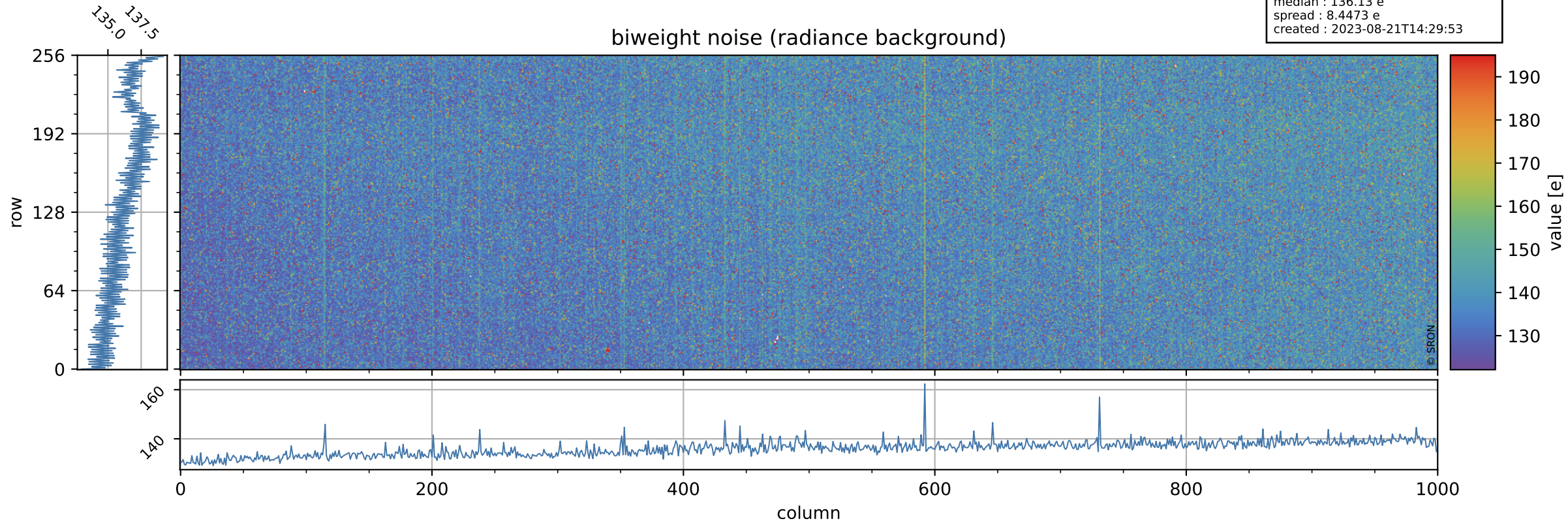
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4582, 4672]
coverage : 2018-09-01 / 2018-09-07
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.4473 e
created : 2023-08-21T14:29:53

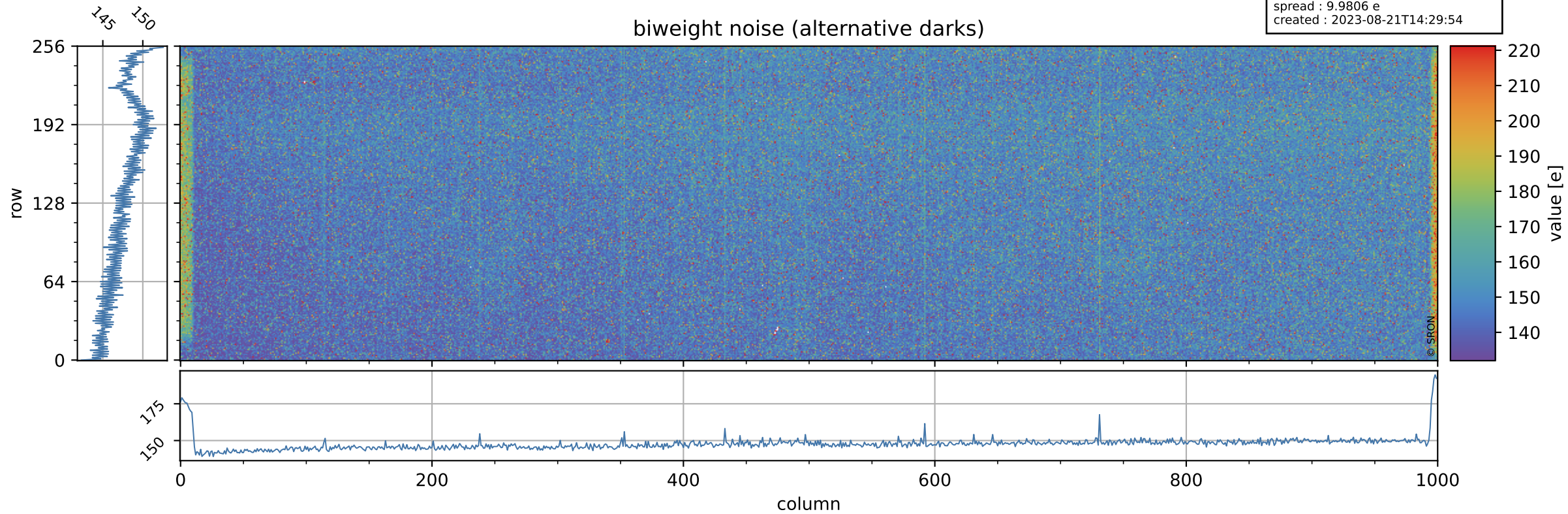
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4582, 4672]
coverage : 2018-09-01 / 2018-09-07
n_coad, t_exp : 1, 1.0783
median : 147.5 e
spread : 9.9806 e
created : 2023-08-21T14:29:54

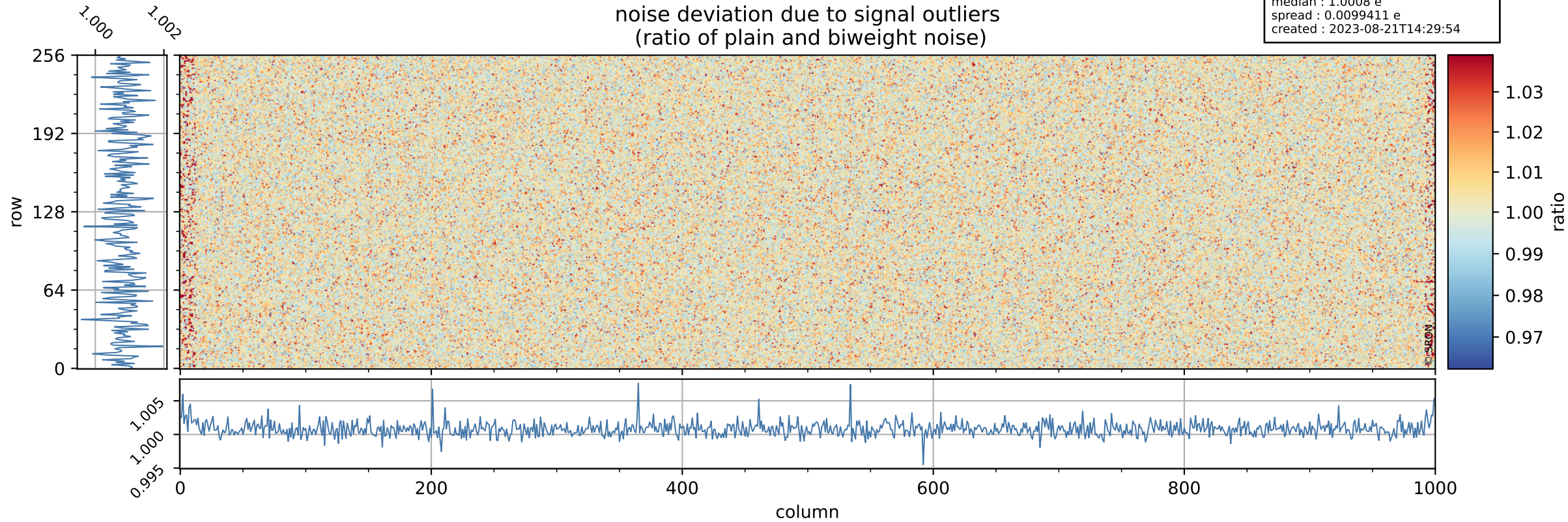
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

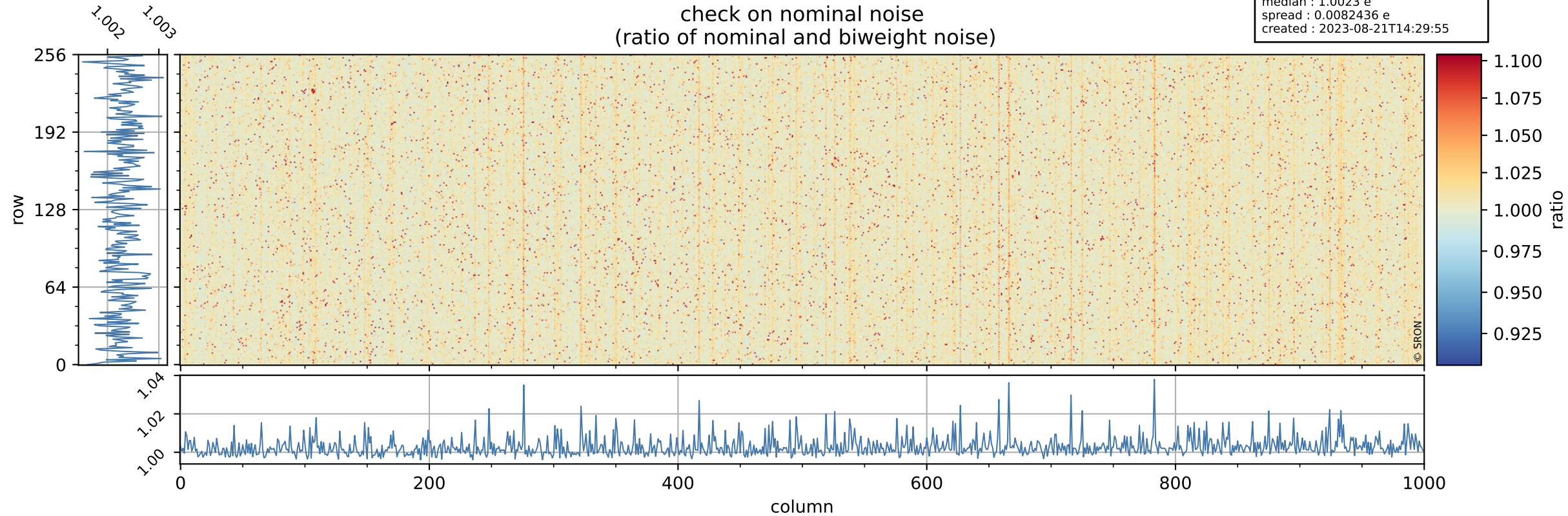
orbits : 13 in [4582, 4672]
coverage : 2018-09-01 / 2018-09-07
median : 1.0008 e
spread : 0.0099411 e
created : 2023-08-21T14:29:54



Tropomi SWIR background noise (swir)

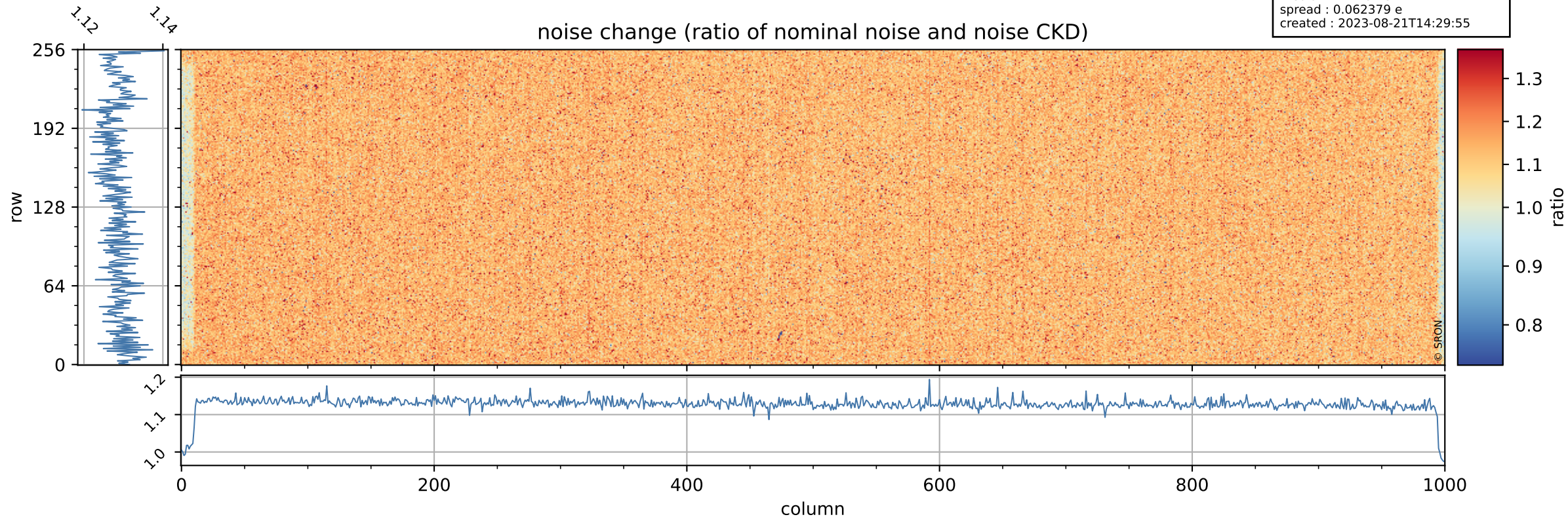
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [4582, 4672]
coverage : 2018-09-01 / 2018-09-07
median : 1.0023 e
spread : 0.0082436 e
created : 2023-08-21T14:29:55



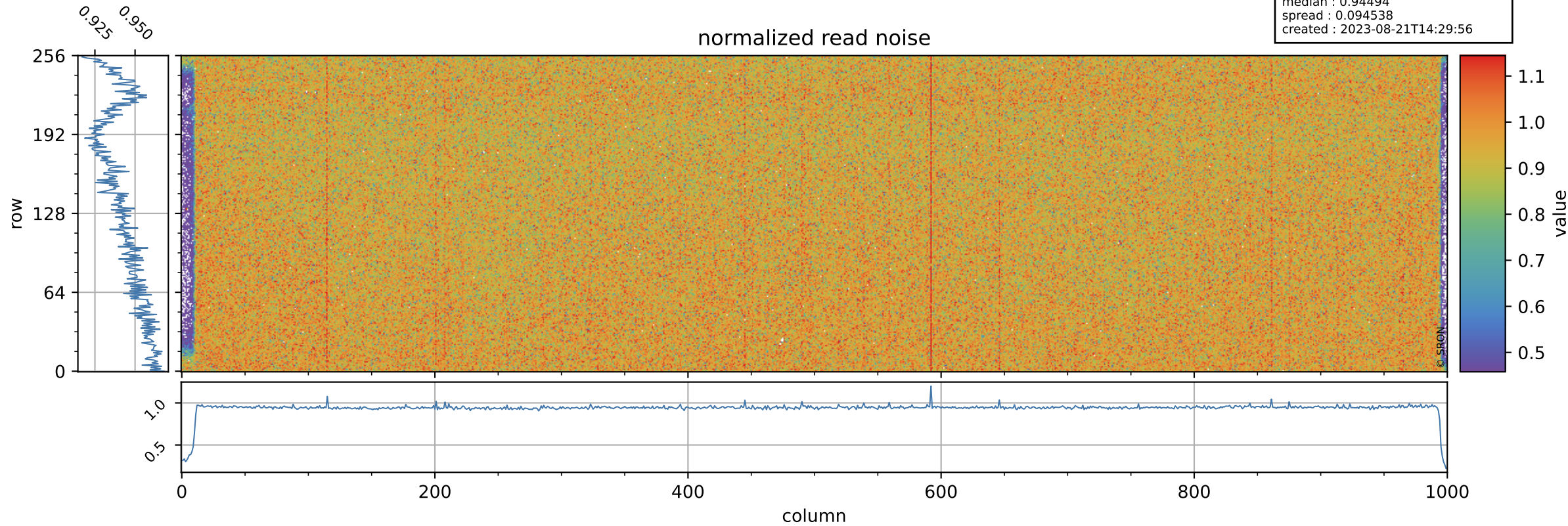
Tropomi SWIR background noise (swir)

orbits : 13 in [4582, 4672]
coverage : 2018-09-01 / 2018-09-07
median : 1.1282 e
spread : 0.062379 e
created : 2023-08-21T14:29:55



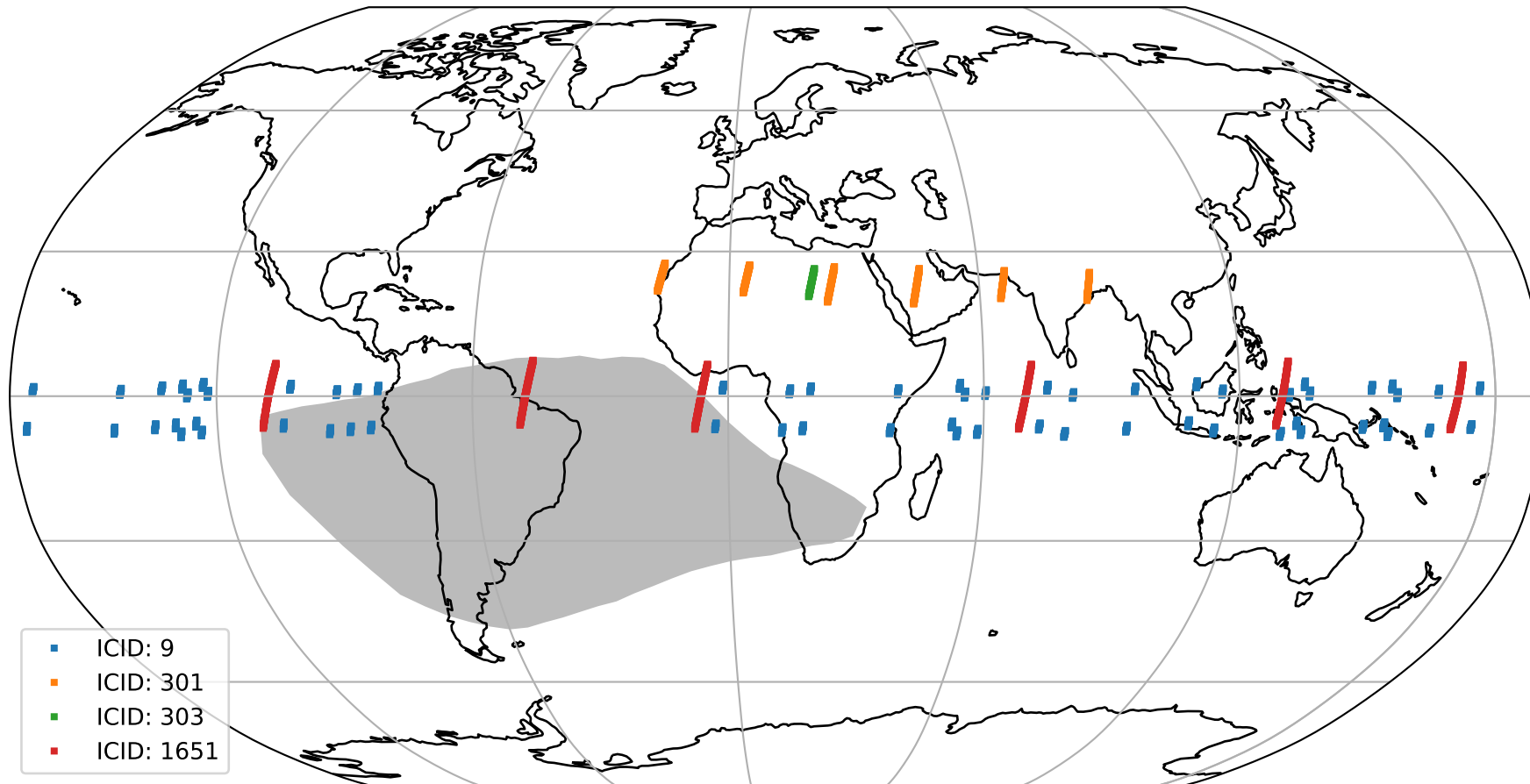
Tropomi SWIR background noise (swir)

orbits : 13 in [4582, 4672]
coverage : 2018-09-01 / 2018-09-07
median : 0.94494
spread : 0.094538
created : 2023-08-21T14:29:56



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

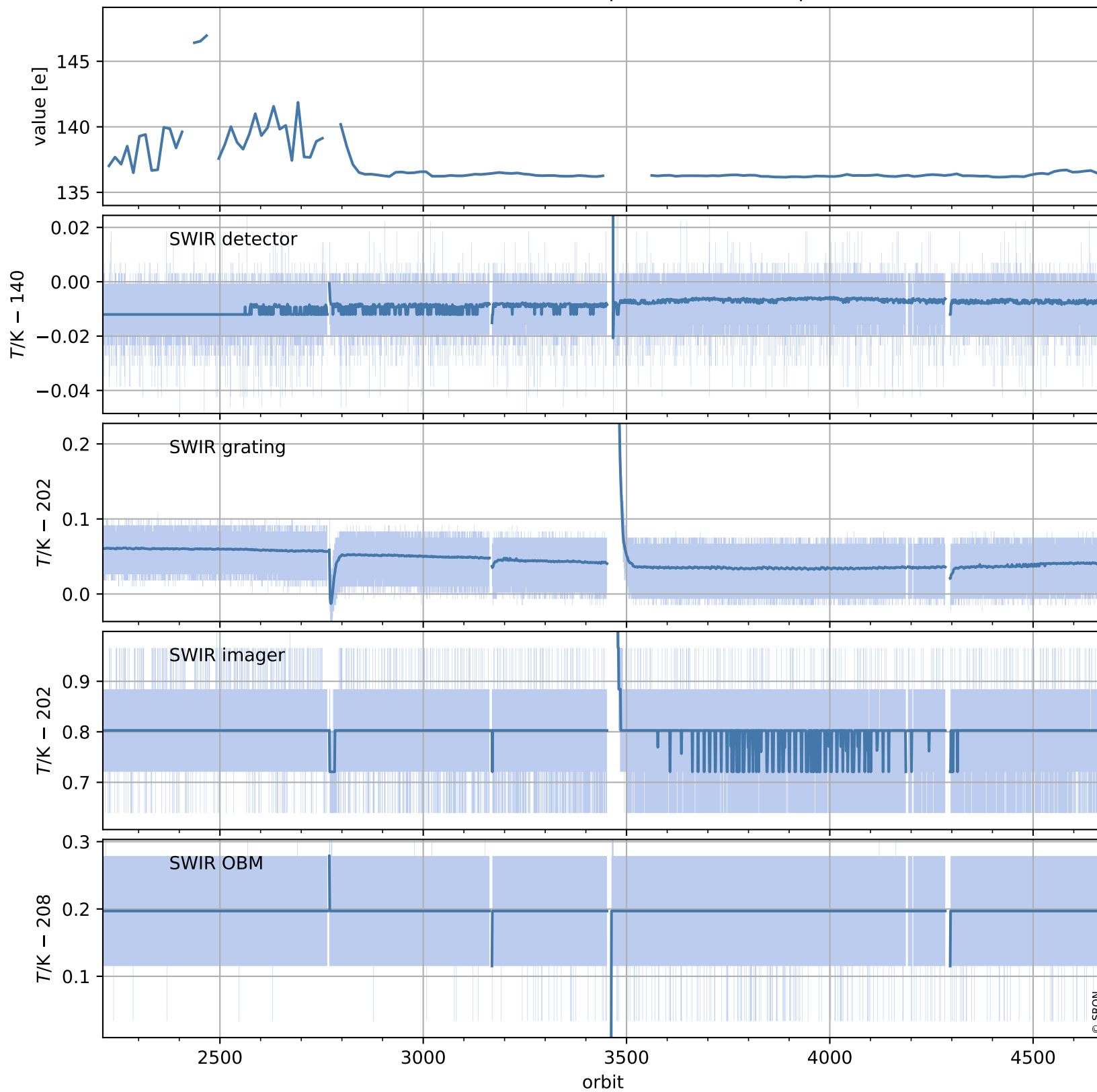
orbits : 13 in [4582, 4672]
coverage : 2018-09-01 / 2018-09-07
created : 2023-08-21T14:29:56



Tropomi SWIR background noise (swir)

orbits : [2212, 4672]
coverage : 2018-03-18 / 2018-09-07
created : 2023-08-21T14:29:56

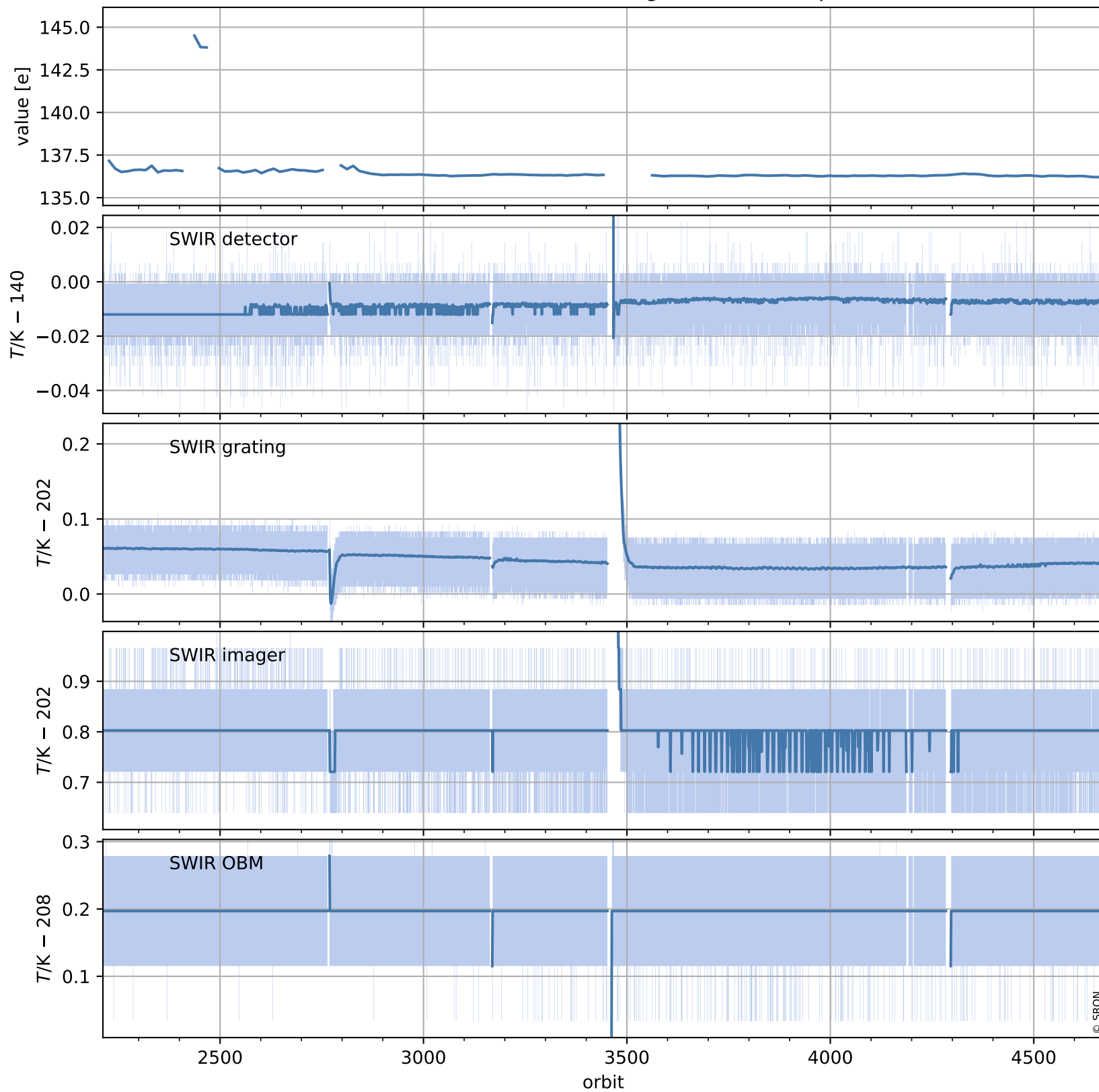
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4672]
coverage : 2018-03-18 / 2018-09-07
created : 2023-08-21T14:29:57

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4672]
coverage : 2018-03-18 / 2018-09-07
created : 2023-08-21T14:29:58

trend of normalized read-noise & temperatures

