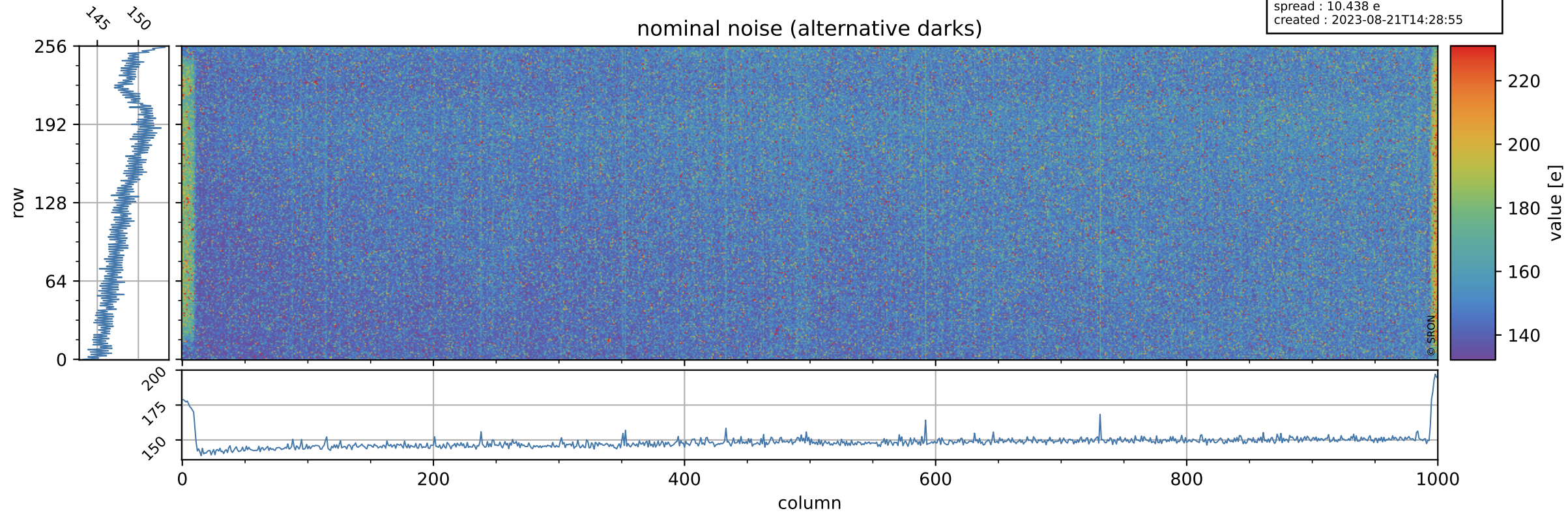


Tropomi SWIR background noise (swir)

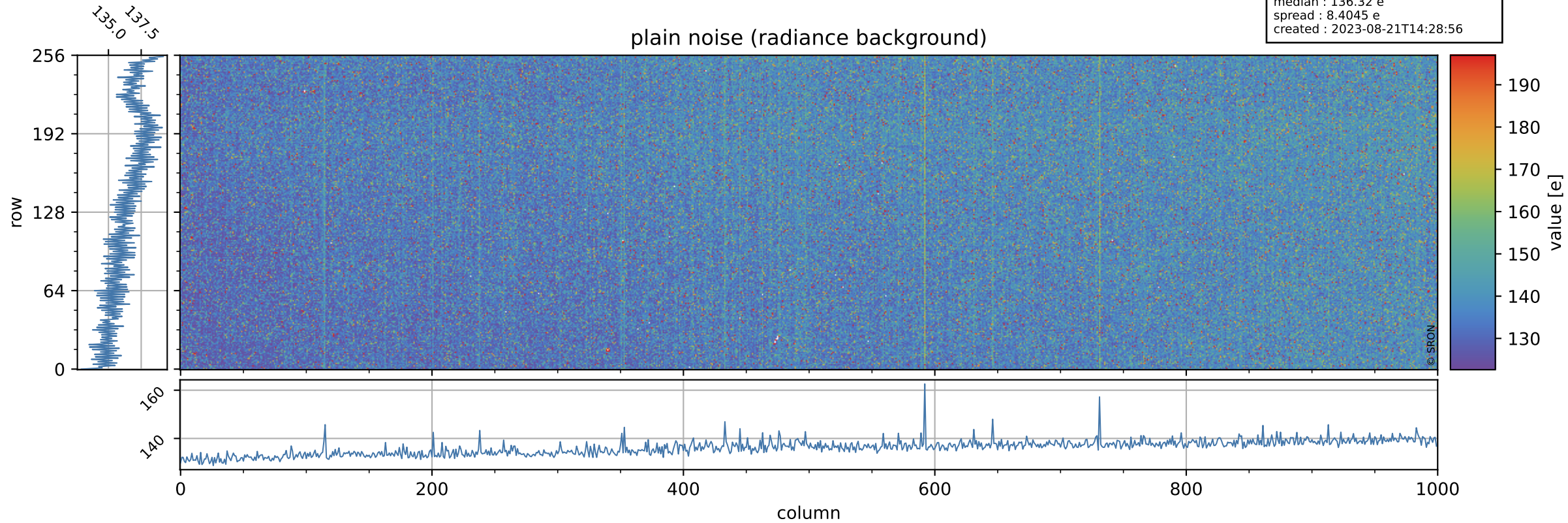
orbits : 12 in [4447, 4537]
coverage : 2018-08-23 / 2018-08-29
n_coad, t_exp : 1, 1.0783
median : 148.22 e
spread : 10.438 e
created : 2023-08-21T14:28:55



Tropomi SWIR background noise (swir)

orbits : 12 in [4447, 4537]
coverage : 2018-08-23 / 2018-08-29
n_coad, t_exp : 2, 0.5383
median : 136.32 e
spread : 8.4045 e
created : 2023-08-21T14:28:56

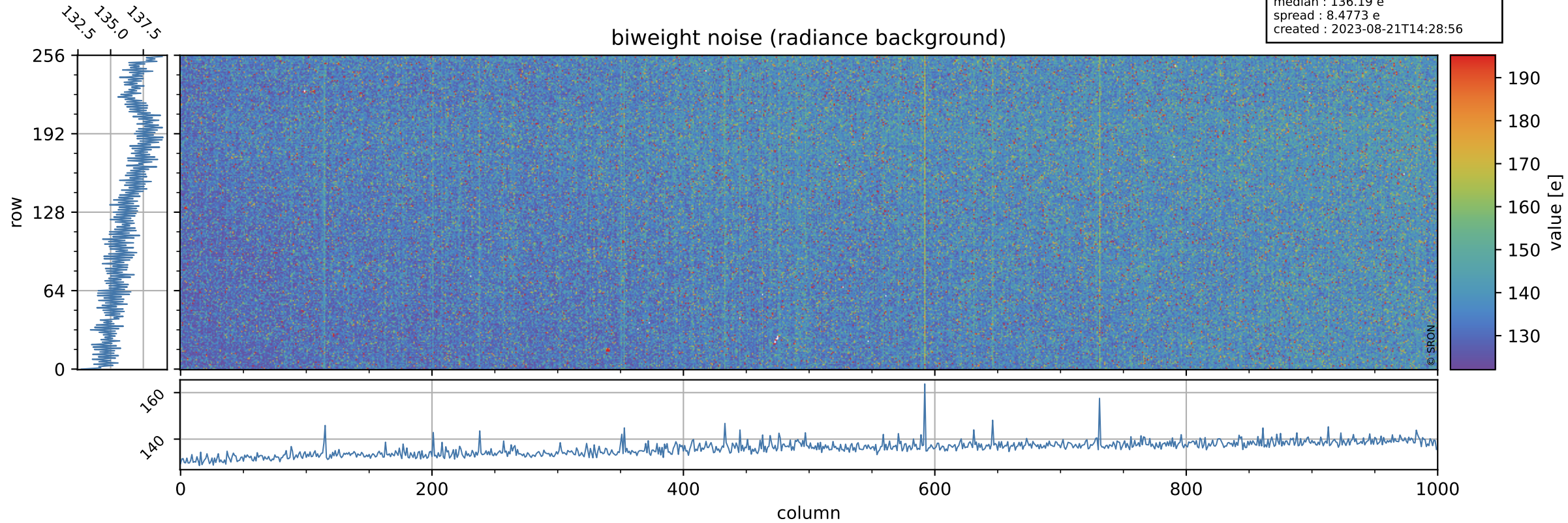
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4447, 4537]
coverage : 2018-08-23 / 2018-08-29
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.4773 e
created : 2023-08-21T14:28:56

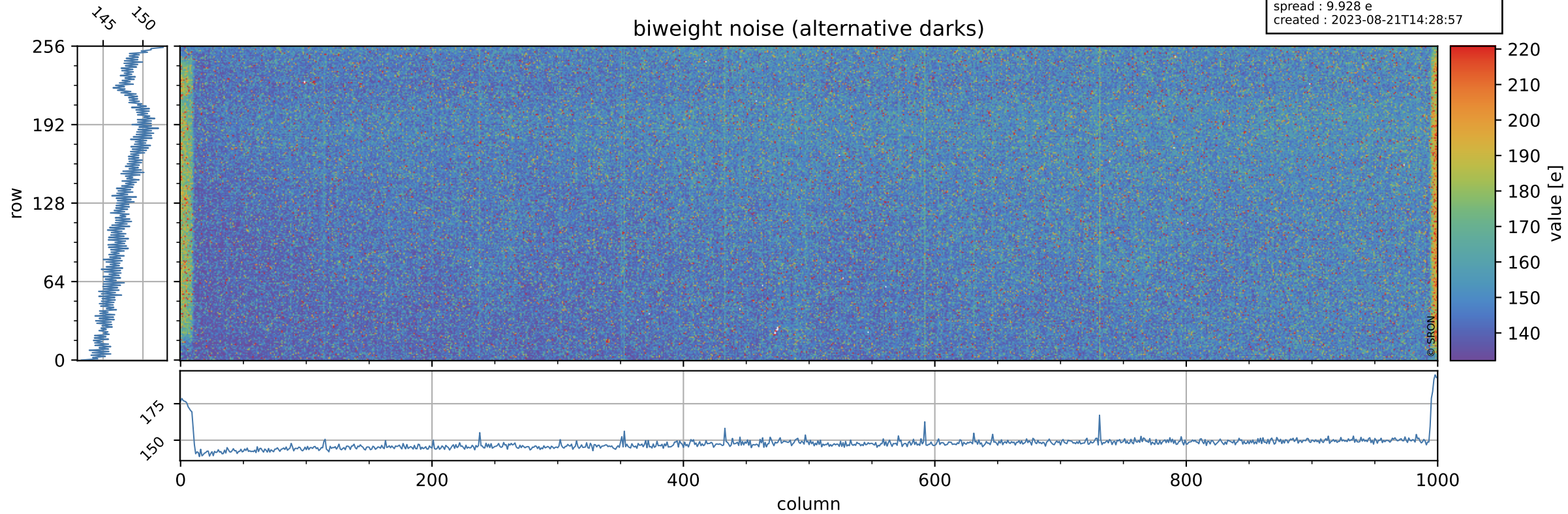
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4447, 4537]
coverage : 2018-08-23 / 2018-08-29
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.928 e
created : 2023-08-21T14:28:57

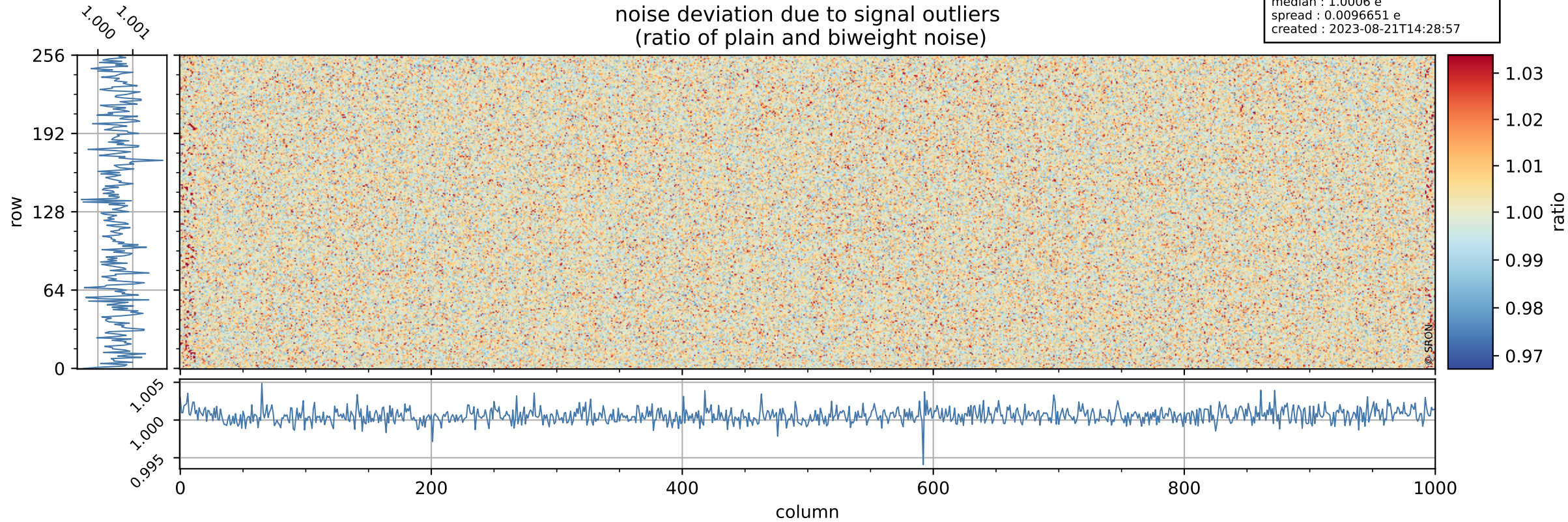
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

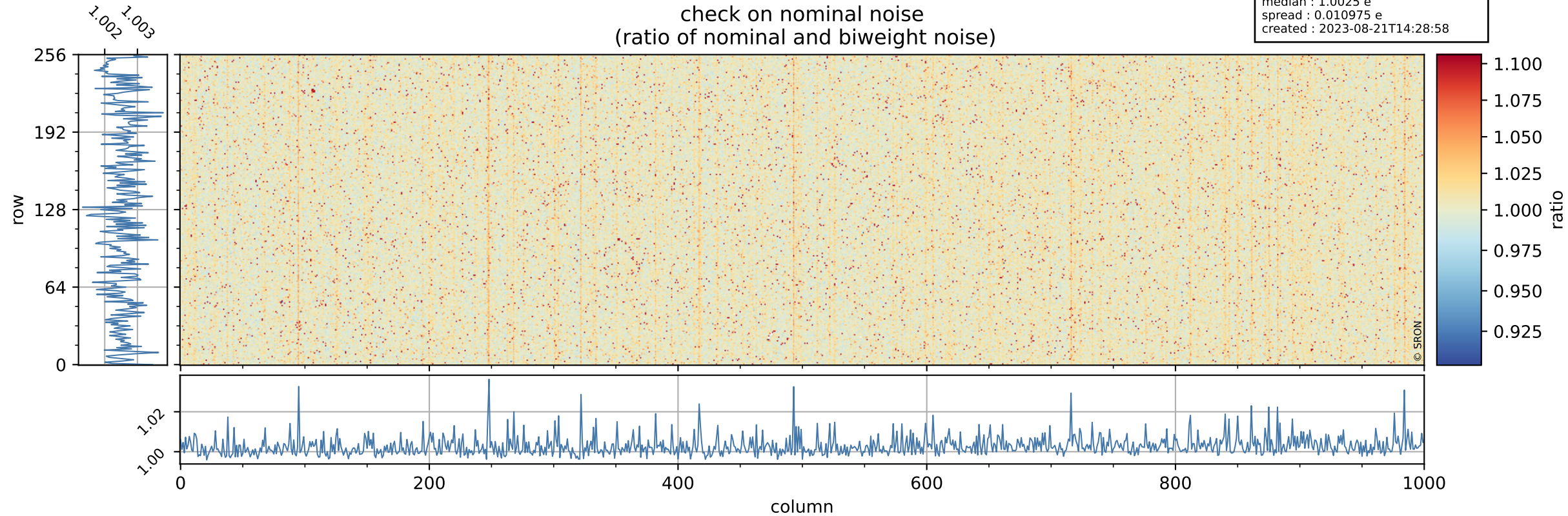
orbits : 12 in [4447, 4537]
coverage : 2018-08-23 / 2018-08-29
median : 1.0006 e
spread : 0.0096651 e
created : 2023-08-21T14:28:57



Tropomi SWIR background noise (swir)

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

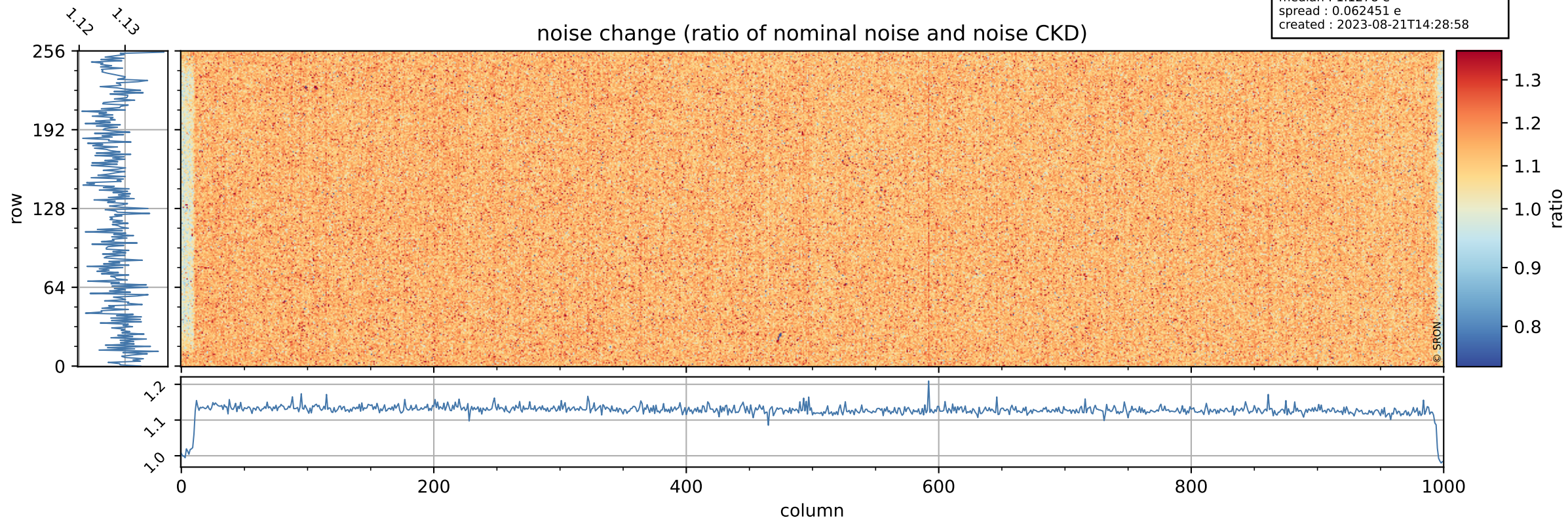
orbits : 12 in [4447, 4537]
coverage : 2018-08-23 / 2018-08-29
median : 1.0025 e
spread : 0.010975 e
created : 2023-08-21T14:28:58



Tropomi SWIR background noise (swir)

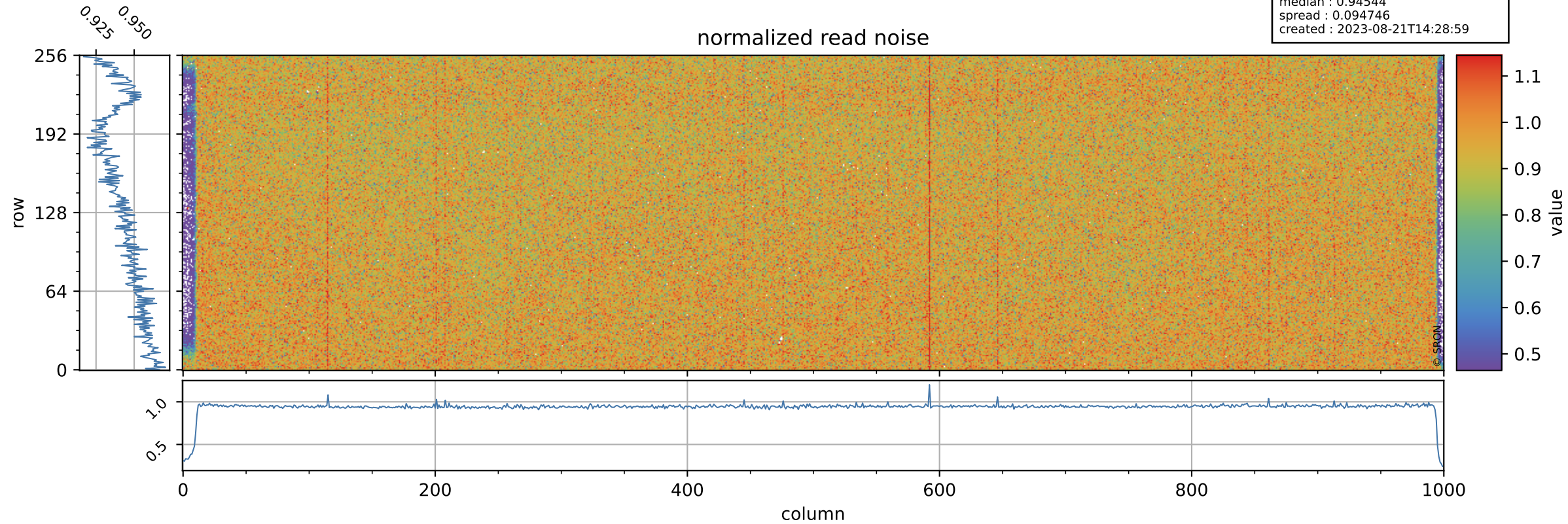
orbits : 12 in [4447, 4537]
coverage : 2018-08-23 / 2018-08-29
median : 1.1278 e
spread : 0.062451 e
created : 2023-08-21T14:28:58

noise change (ratio of nominal noise and noise CKD)



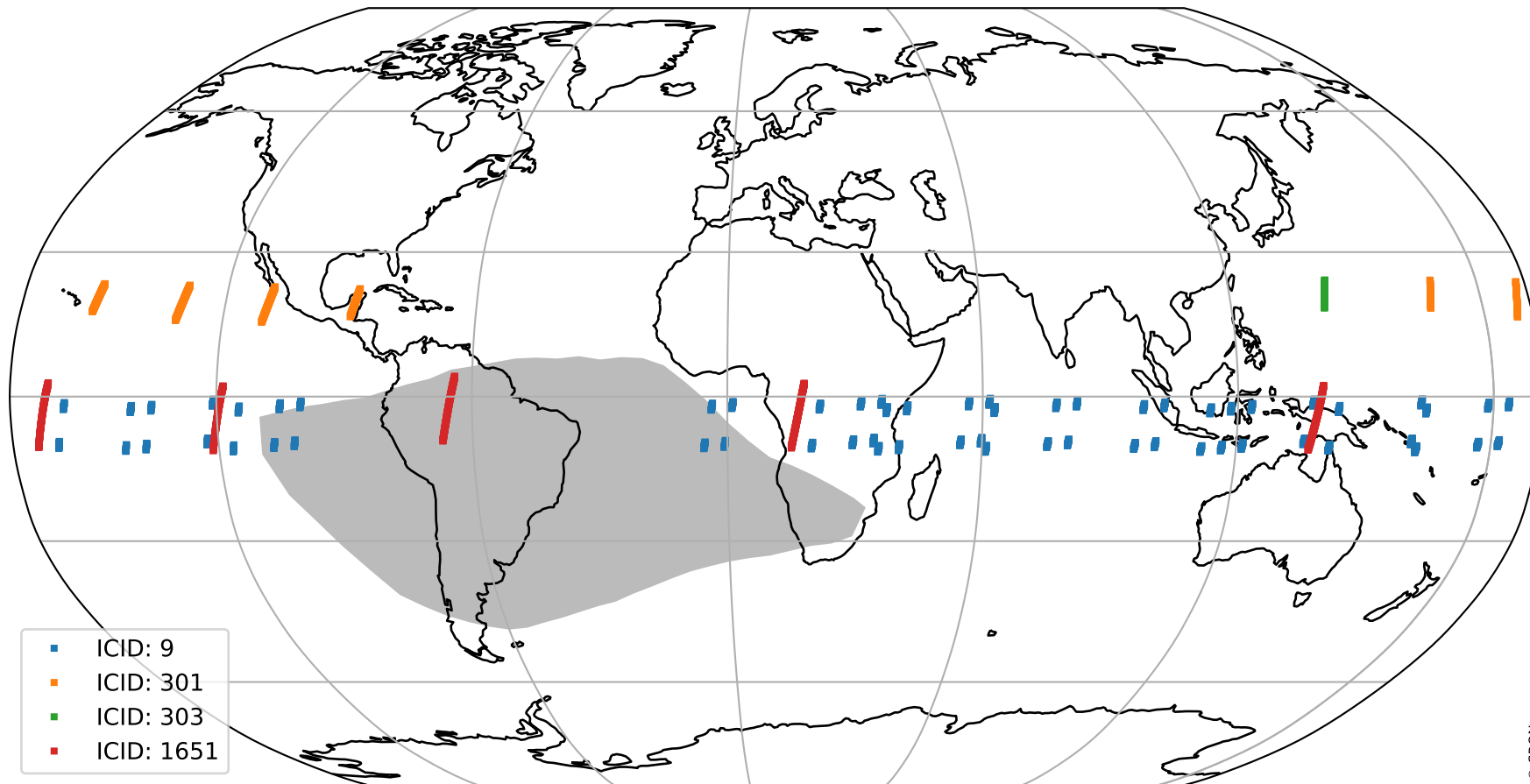
Tropomi SWIR background noise (swir)

orbits : 12 in [4447, 4537]
coverage : 2018-08-23 / 2018-08-29
median : 0.94544
spread : 0.094746
created : 2023-08-21T14:28:59



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

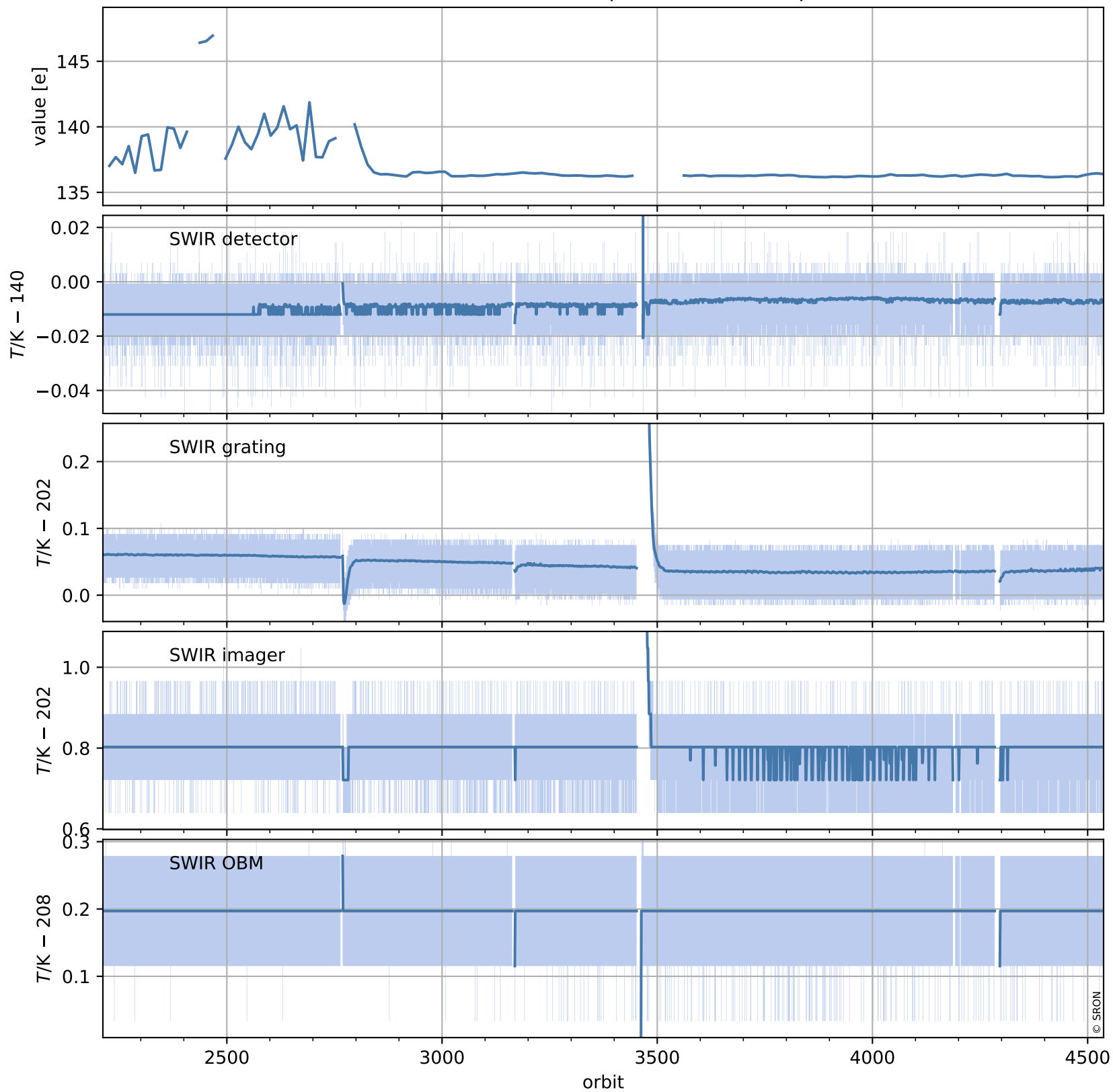
orbits : 12 in [4447, 4537]
coverage : 2018-08-23 / 2018-08-29
created : 2023-08-21T14:28:59



Tropomi SWIR background noise (swir)

orbits : [2212, 4537]
coverage : 2018-03-18 / 2018-08-29
created : 2023-08-21T14:28:59

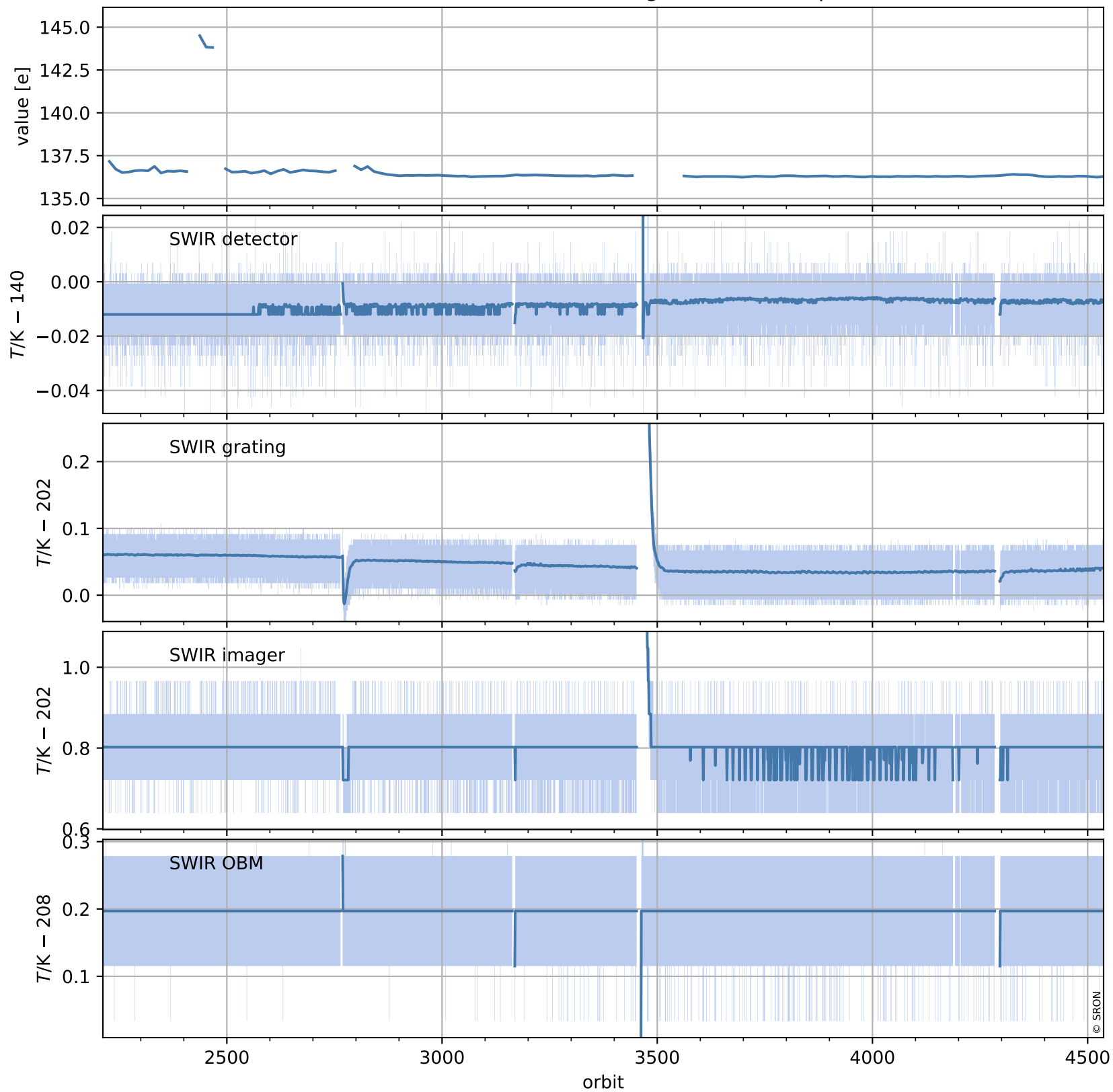
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4537]
coverage : 2018-03-18 / 2018-08-29
created : 2023-08-21T14:29:00

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4537]
coverage : 2018-03-18 / 2018-08-29
created : 2023-08-21T14:29:00

trend of normalized read-noise & temperatures

