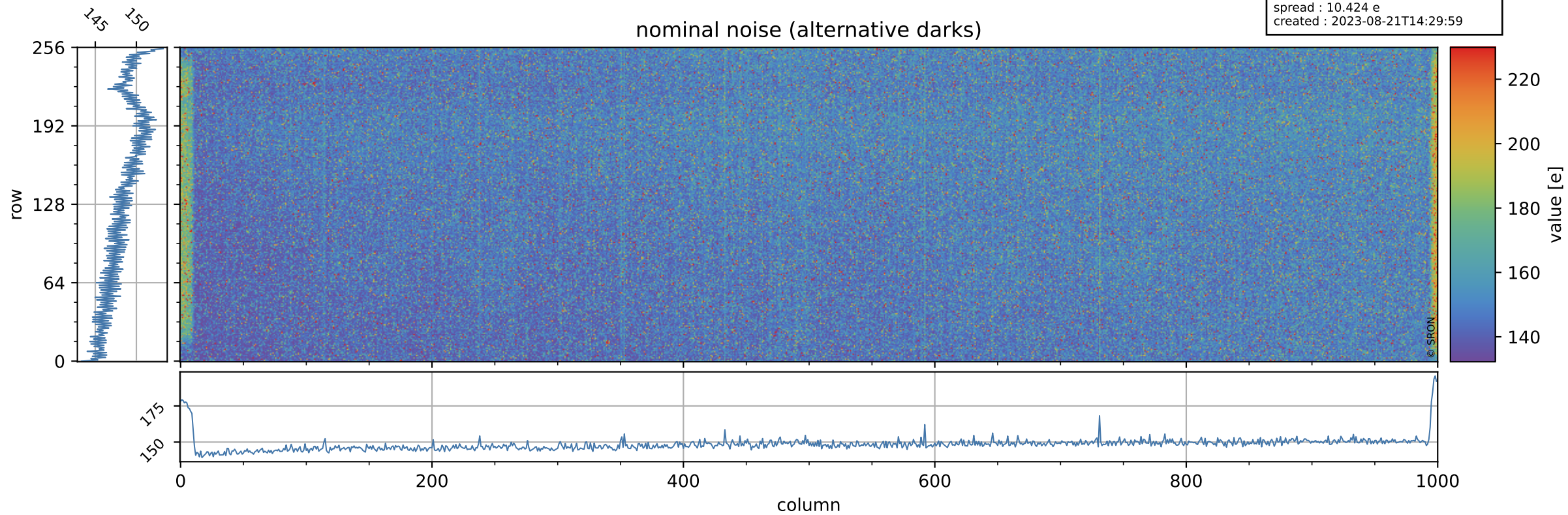


Tropomi SWIR background noise (swir)

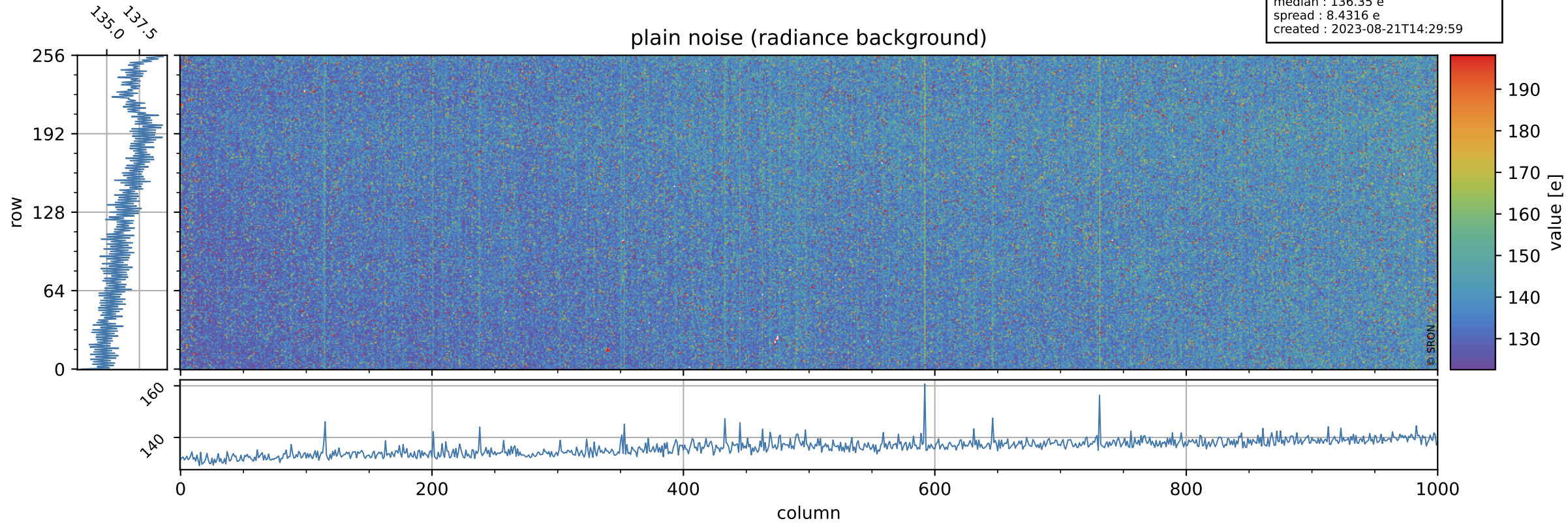
orbits : 13 in [4612, 4687]
coverage : 2018-09-02 / 2018-09-08
n_coad, t_exp : 1, 1.0783
median : 148.25 e
spread : 10.424 e
created : 2023-08-21T14:29:59



Tropomi SWIR background noise (swir)

orbits : 13 in [4612, 4687]
coverage : 2018-09-02 / 2018-09-08
n_coad, t_exp : 2, 0.5383
median : 136.35 e
spread : 8.4316 e
created : 2023-08-21T14:29:59

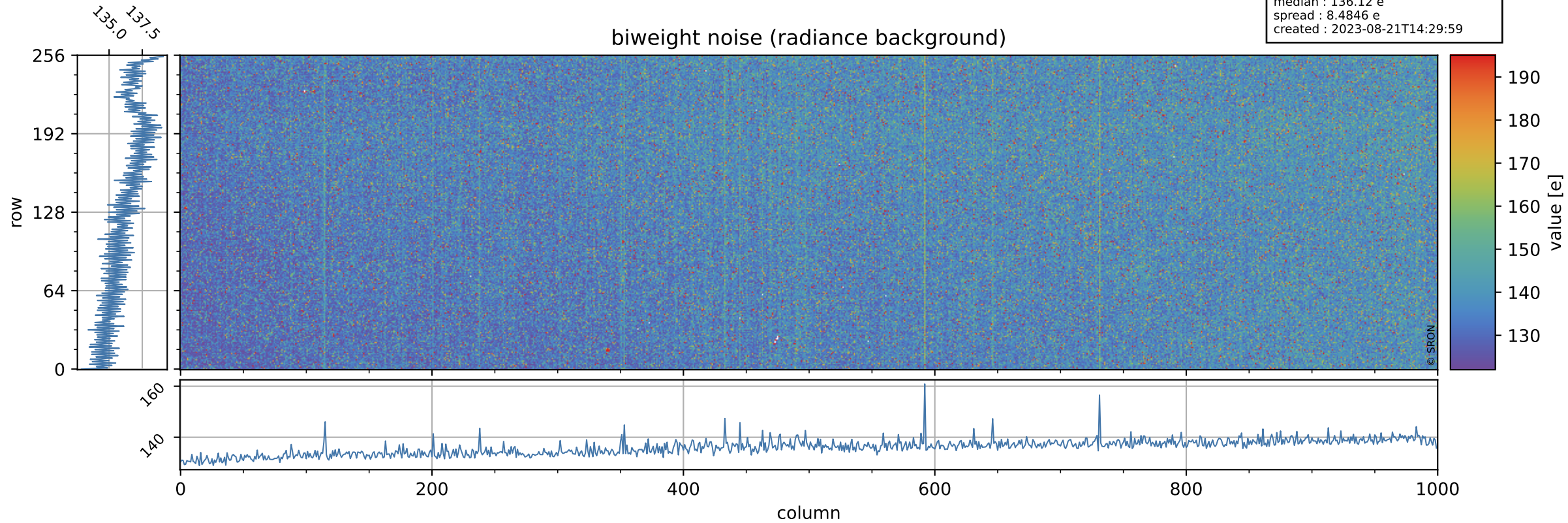
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4612, 4687]
coverage : 2018-09-02 / 2018-09-08
n_coad, t_exp : 2, 0.5383
median : 136.12 e
spread : 8.4846 e
created : 2023-08-21T14:29:59

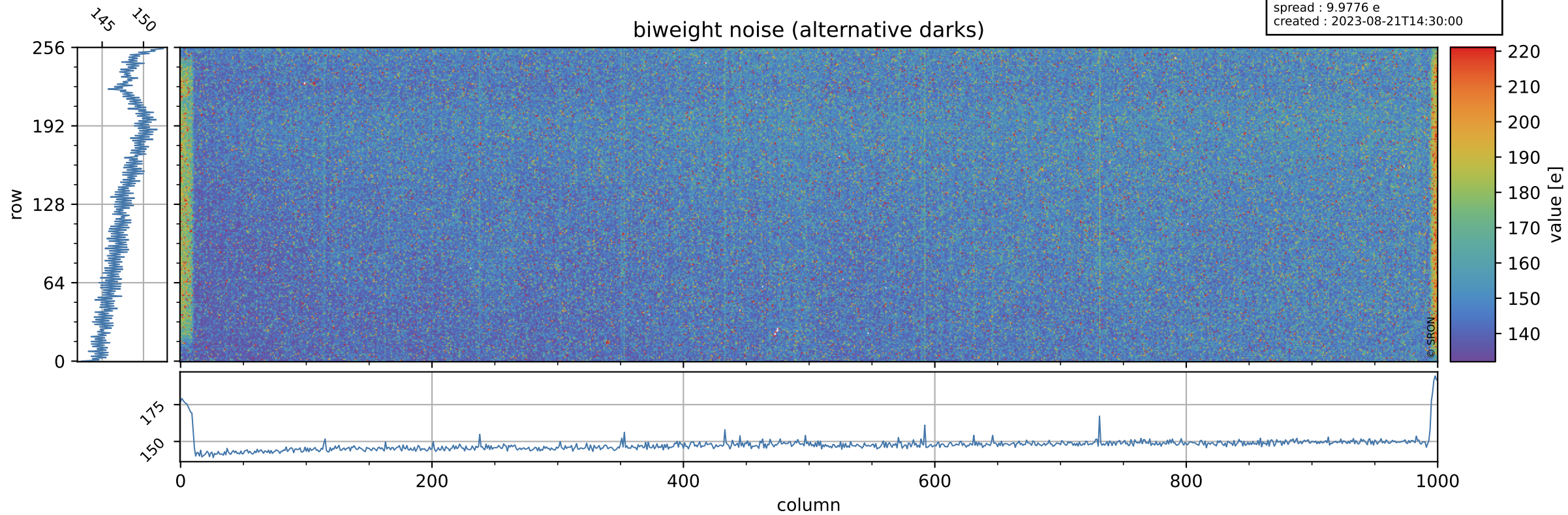
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4612, 4687]
coverage : 2018-09-02 / 2018-09-08
n_coad, t_exp : 1, 1.0783
median : 147.5 e
spread : 9.9776 e
created : 2023-08-21T14:30:00

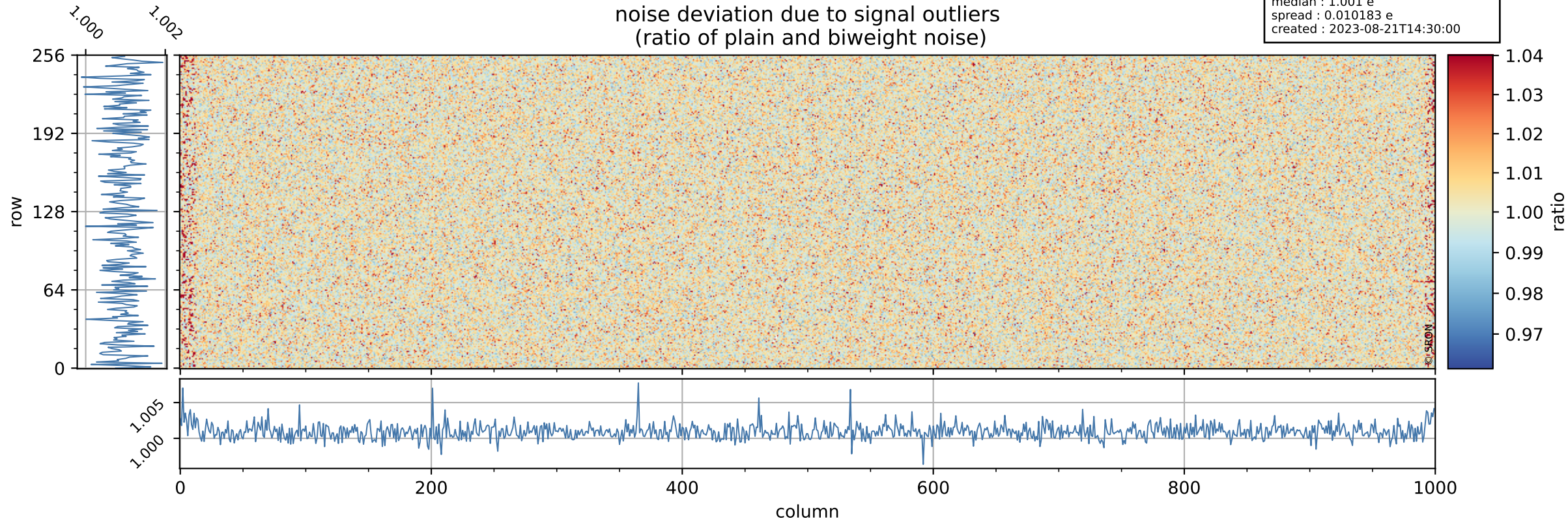
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

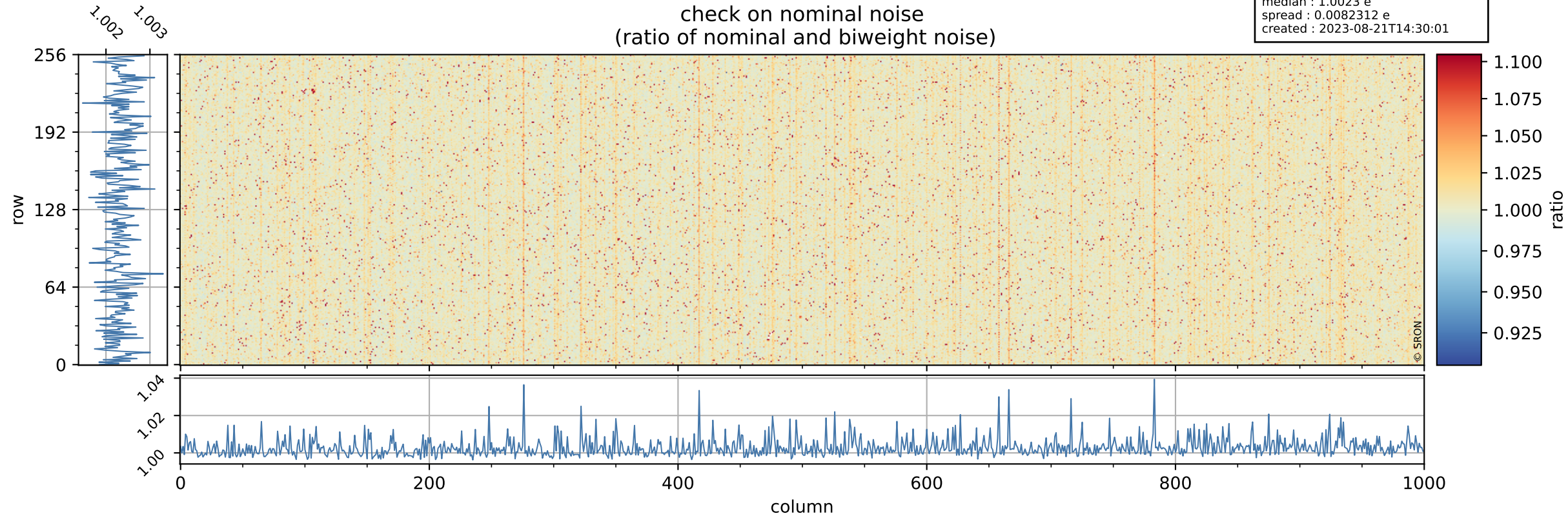
orbits : 13 in [4612, 4687]
coverage : 2018-09-02 / 2018-09-08
median : 1.001 e
spread : 0.010183 e
created : 2023-08-21T14:30:00



Tropomi SWIR background noise (swir)

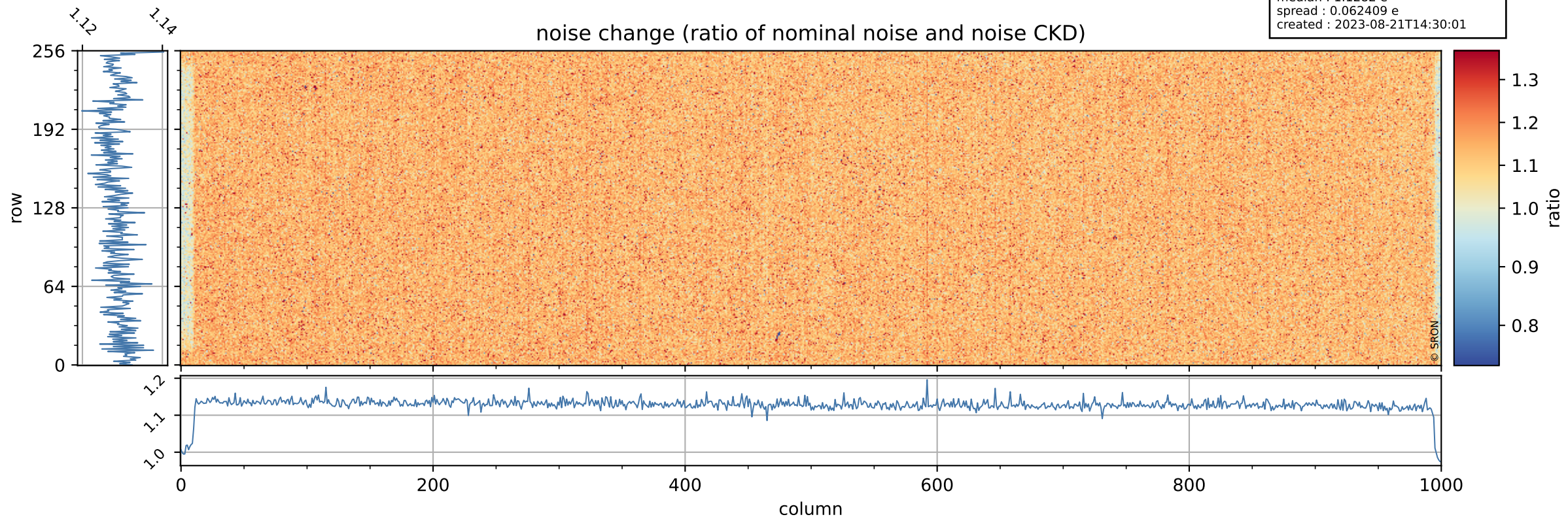
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [4612, 4687]
coverage : 2018-09-02 / 2018-09-08
median : 1.0023 e
spread : 0.0082312 e
created : 2023-08-21T14:30:01



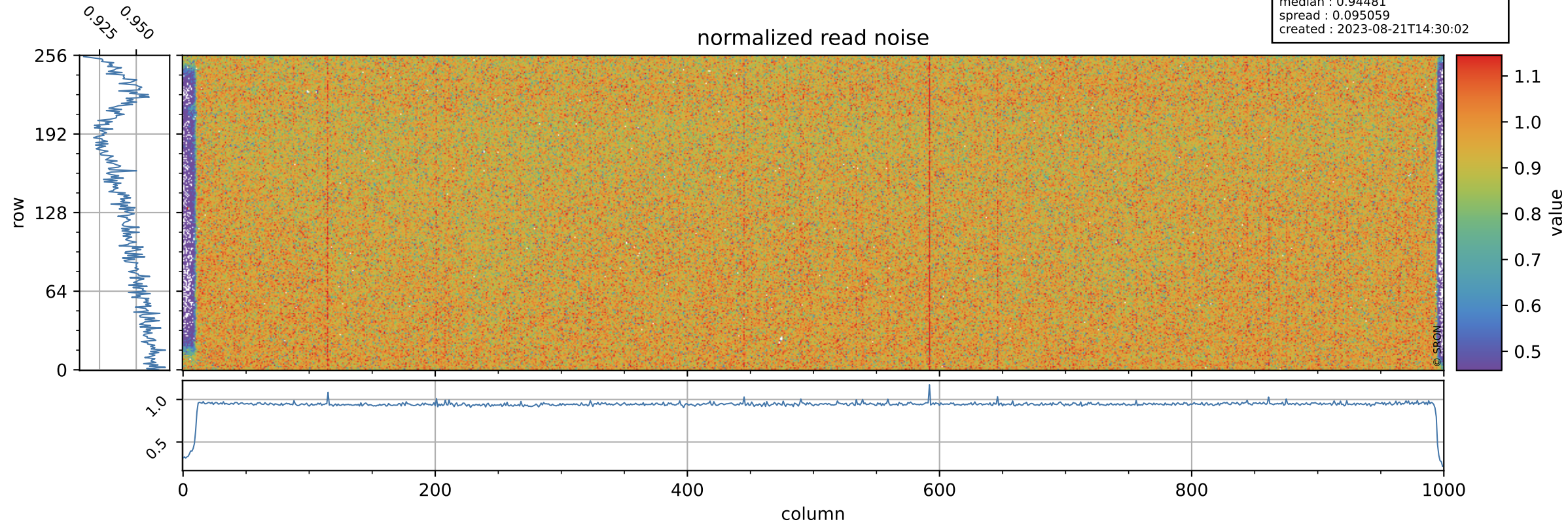
Tropomi SWIR background noise (swir)

orbits : 13 in [4612, 4687]
coverage : 2018-09-02 / 2018-09-08
median : 1.1282 e
spread : 0.062409 e
created : 2023-08-21T14:30:01



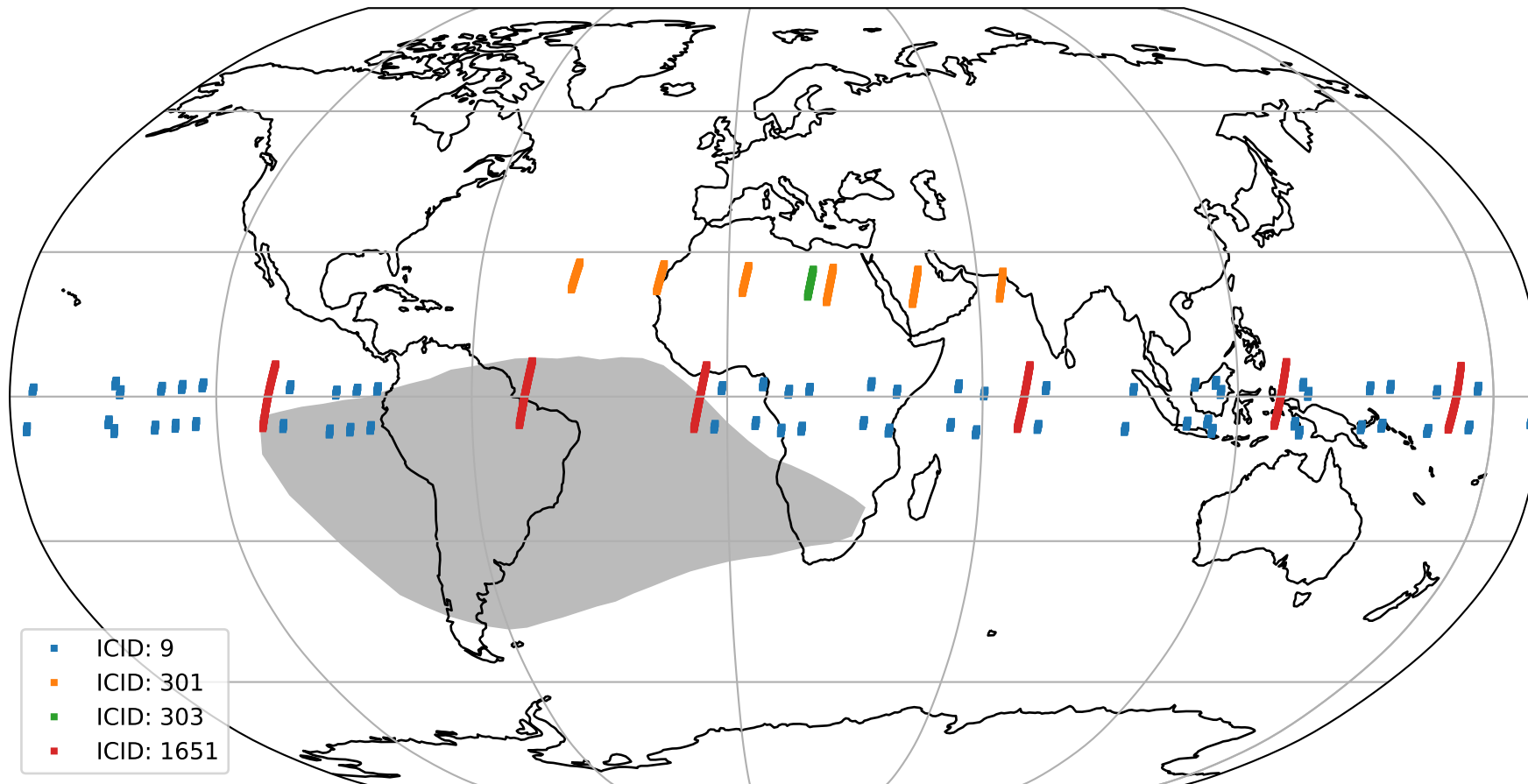
Tropomi SWIR background noise (swir)

orbits : 13 in [4612, 4687]
coverage : 2018-09-02 / 2018-09-08
median : 0.94481
spread : 0.095059
created : 2023-08-21T14:30:02



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

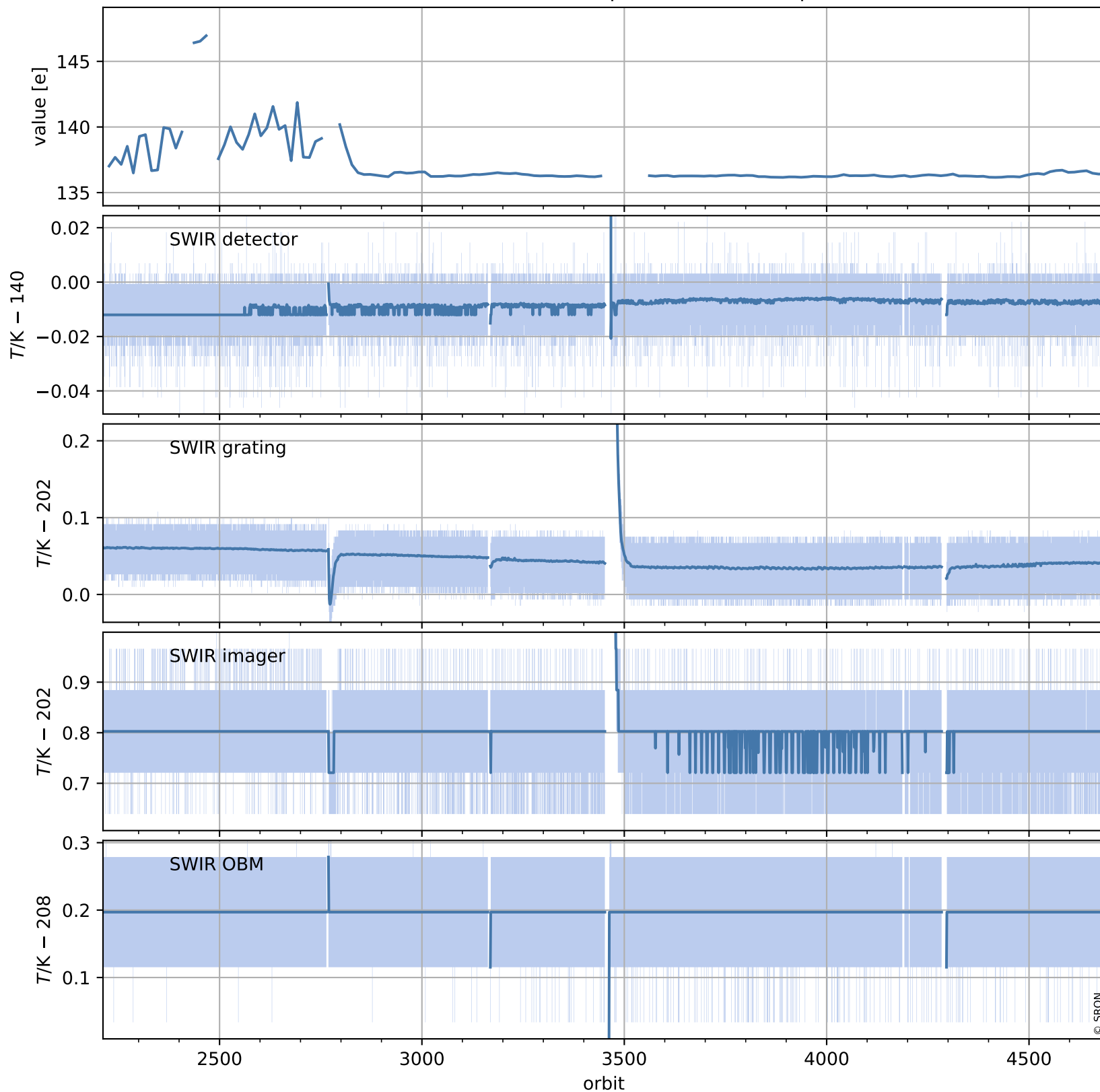
orbits : 13 in [4612, 4687]
coverage : 2018-09-02 / 2018-09-08
created : 2023-08-21T14:30:02



Tropomi SWIR background noise (swir)

orbits : [2212, 4687]
coverage : 2018-03-18 / 2018-09-08
created : 2023-08-21T14:30:02

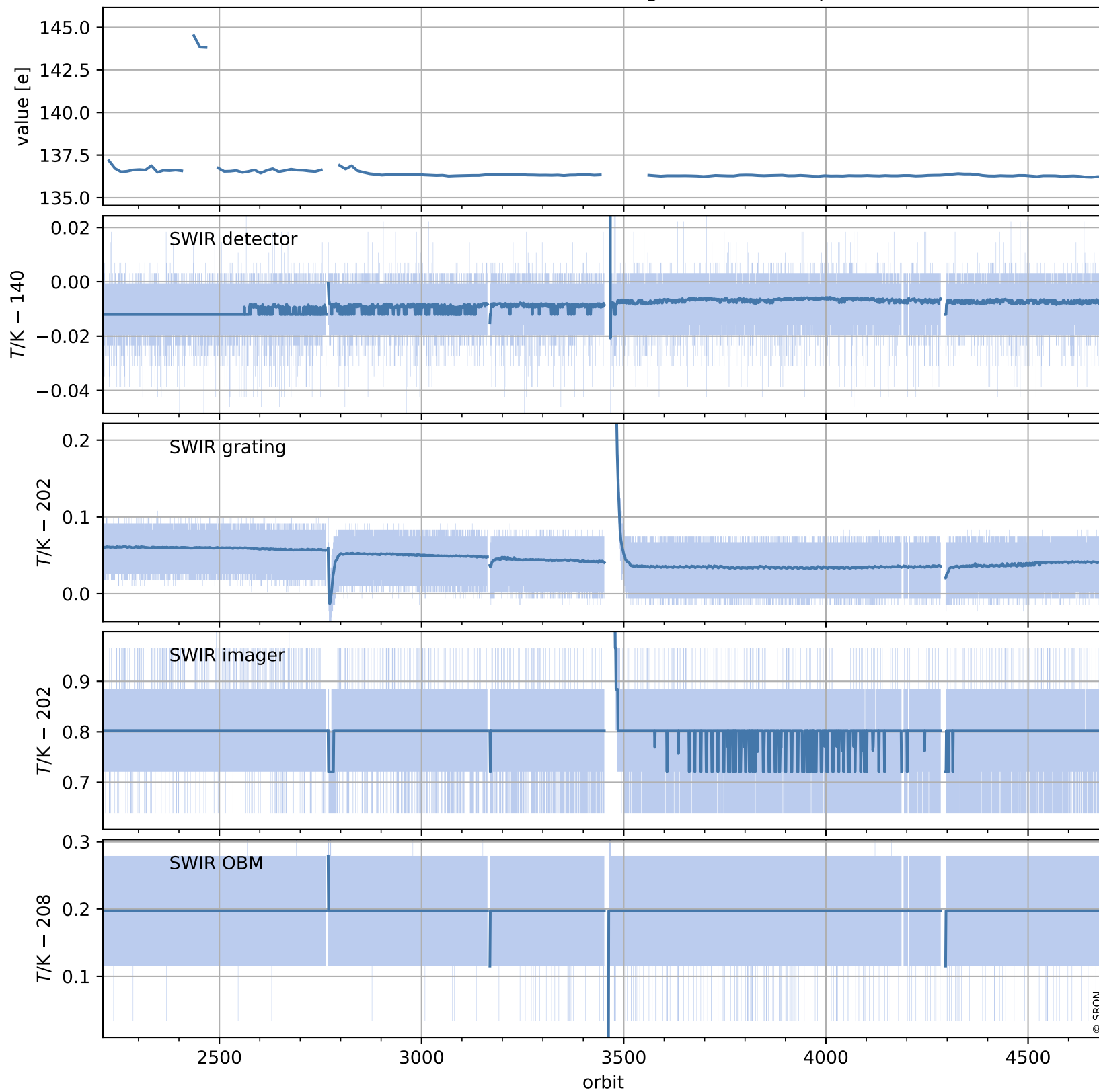
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4687]
coverage : 2018-03-18 / 2018-09-08
created : 2023-08-21T14:30:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4687]
coverage : 2018-03-18 / 2018-09-08
created : 2023-08-21T14:30:04

trend of normalized read-noise & temperatures

