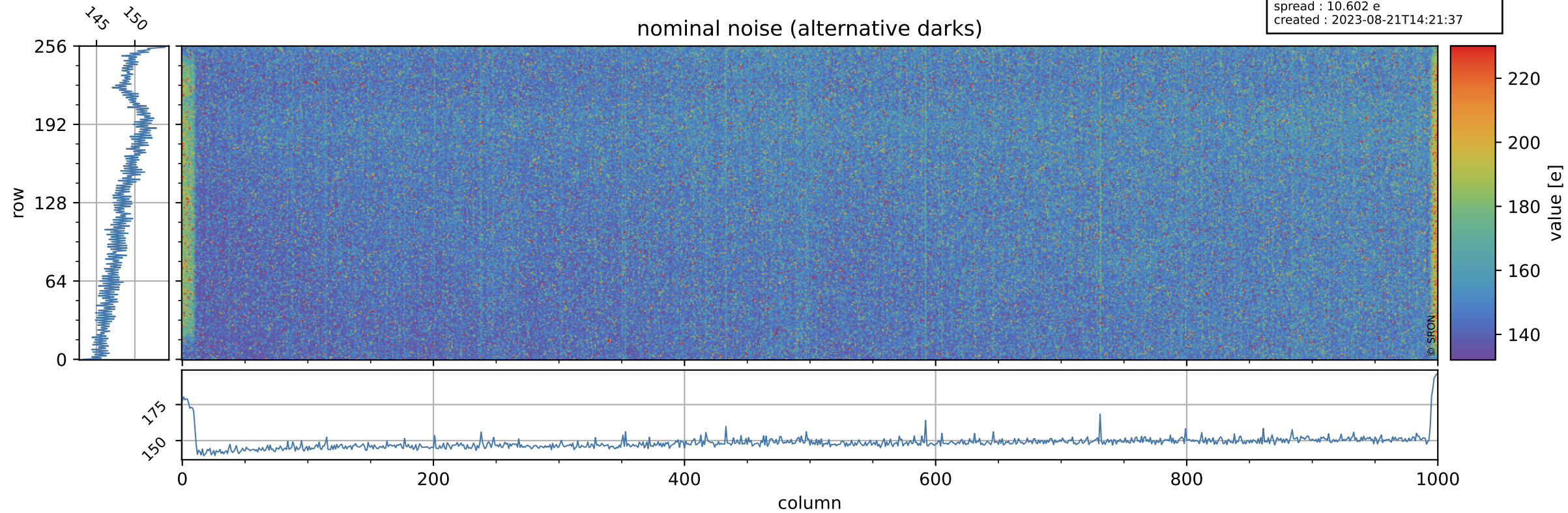


Tropomi SWIR background noise (swir)

orbits : 12 in [3277, 3367]
coverage : 2018-06-01 / 2018-06-07
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.602 e
created : 2023-08-21T14:21:37

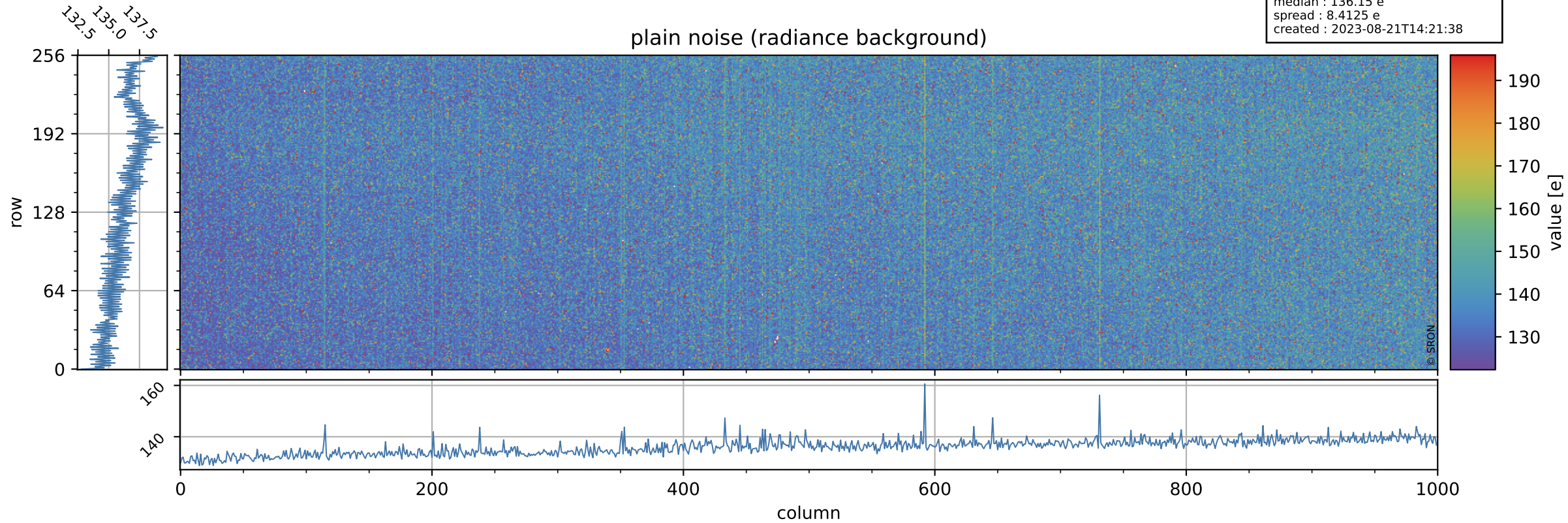
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3277, 3367]
coverage : 2018-06-01 / 2018-06-07
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.4125 e
created : 2023-08-21T14:21:38

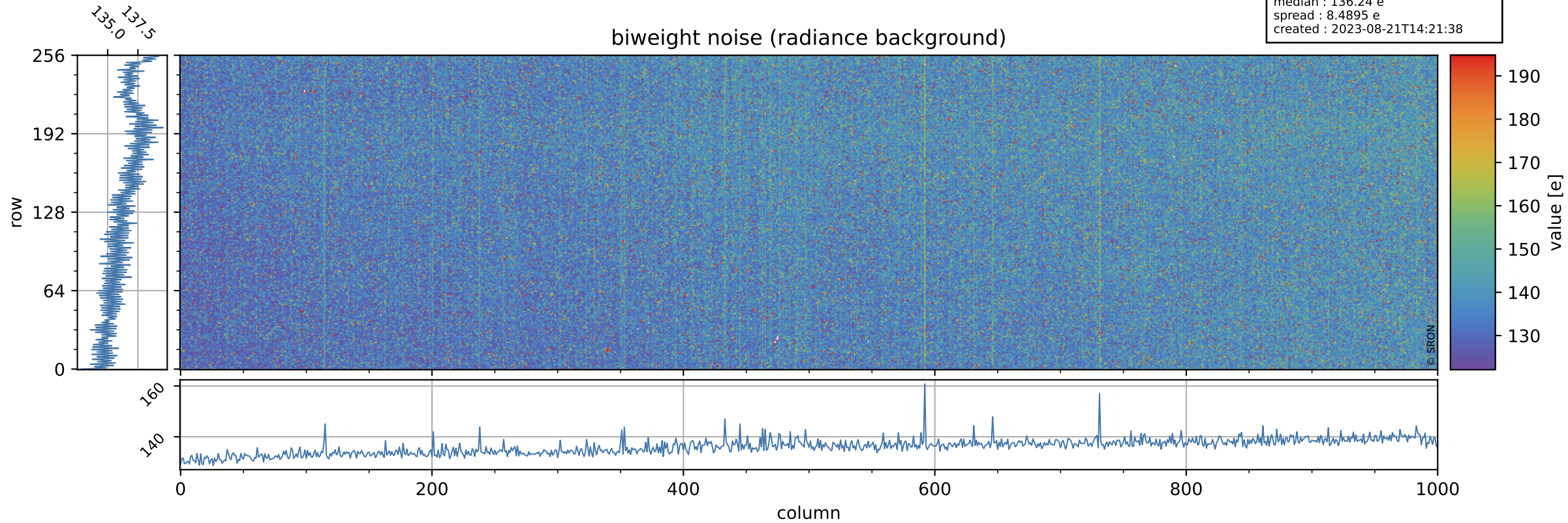
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3277, 3367]
coverage : 2018-06-01 / 2018-06-07
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.4895 e
created : 2023-08-21T14:21:38

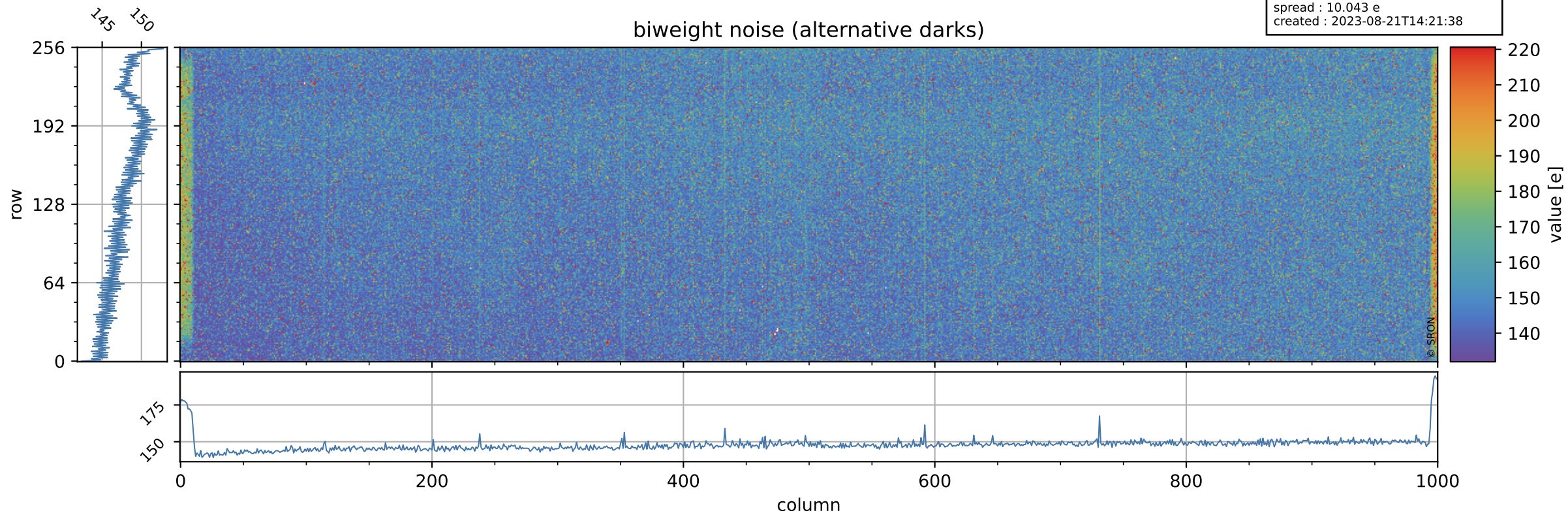
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3277, 3367]
coverage : 2018-06-01 / 2018-06-07
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.043 e
created : 2023-08-21T14:21:38

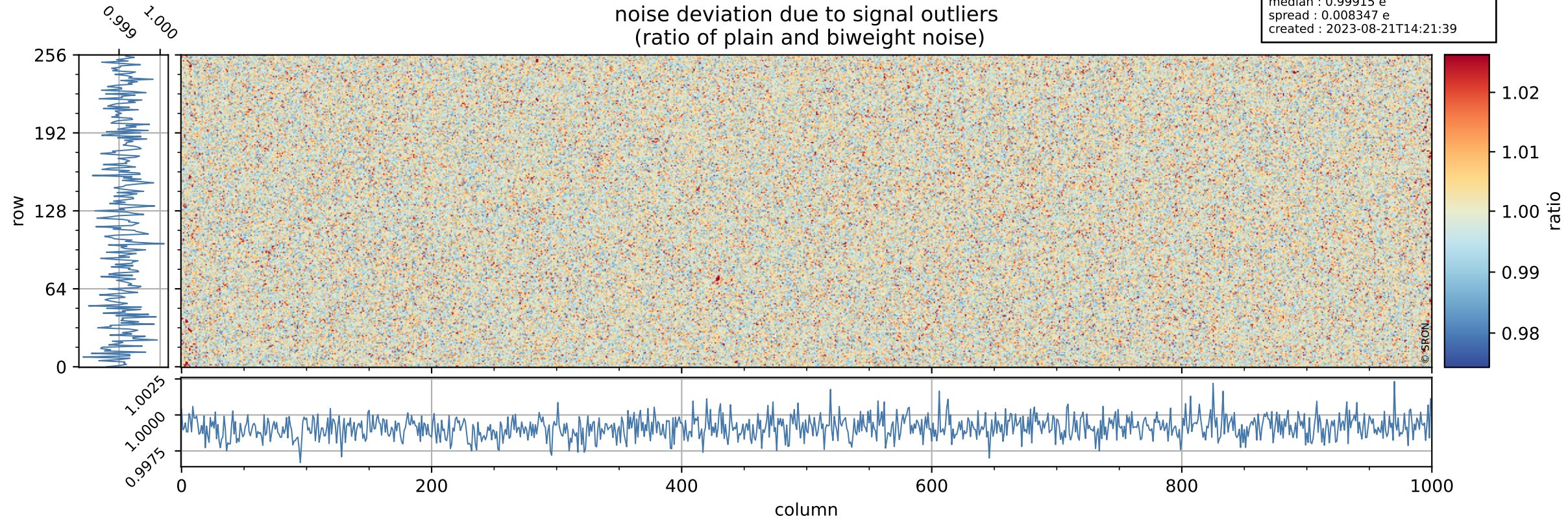
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

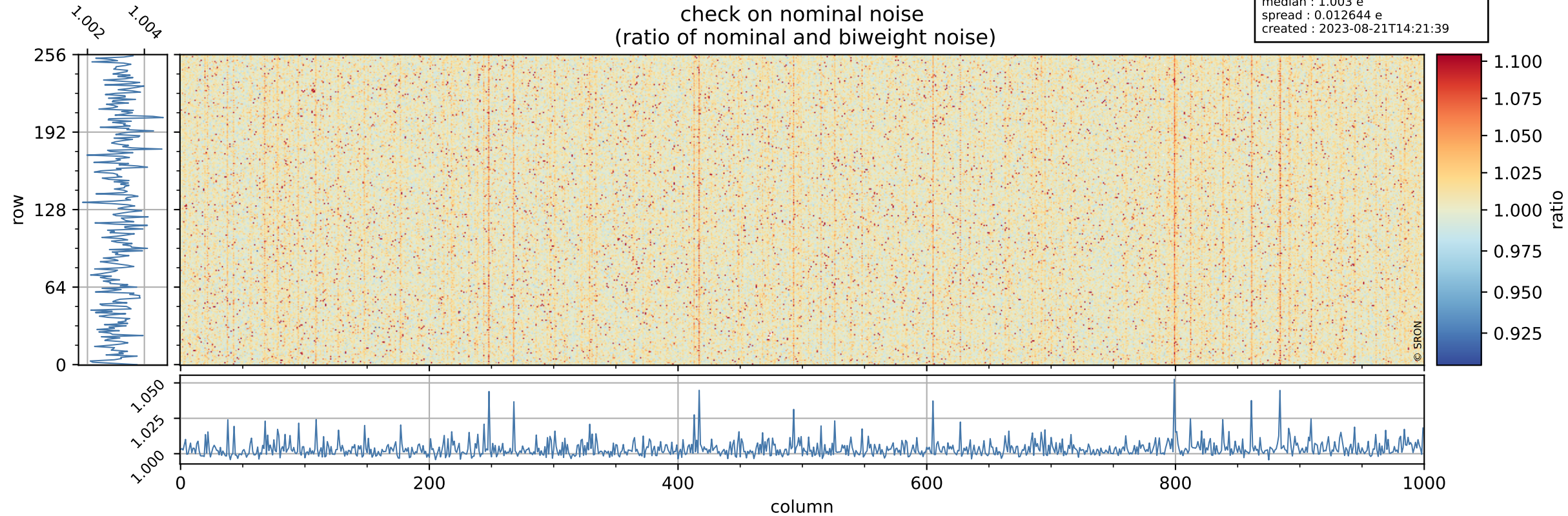
orbits : 12 in [3277, 3367]
coverage : 2018-06-01 / 2018-06-07
median : 0.99915 e
spread : 0.008347 e
created : 2023-08-21T14:21:39



Tropomi SWIR background noise (swir)

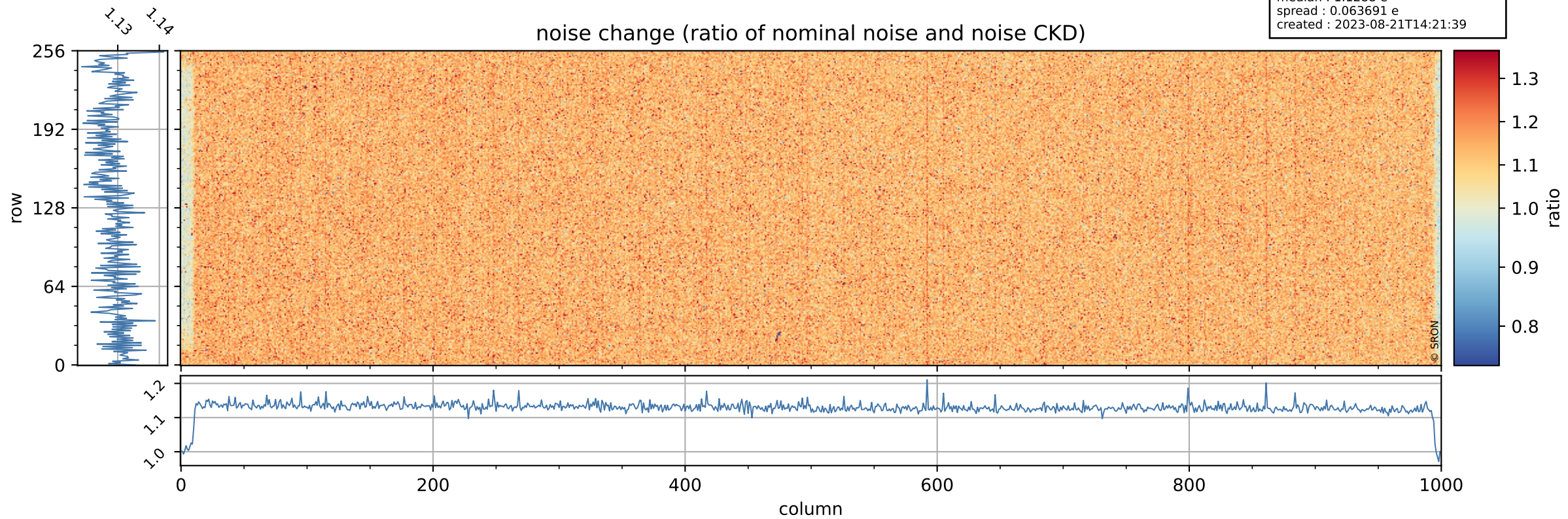
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3277, 3367]
coverage : 2018-06-01 / 2018-06-07
median : 1.003 e
spread : 0.012644 e
created : 2023-08-21T14:21:39



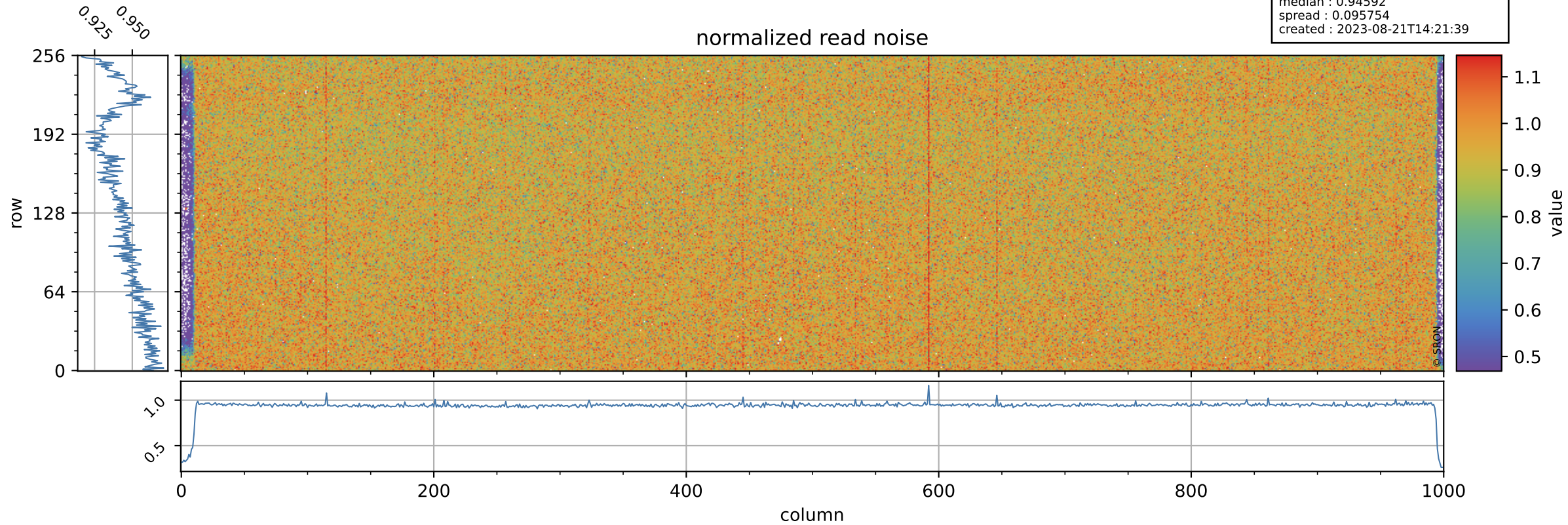
Tropomi SWIR background noise (swir)

orbits : 12 in [3277, 3367]
coverage : 2018-06-01 / 2018-06-07
median : 1.1288 e
spread : 0.063691 e
created : 2023-08-21T14:21:39



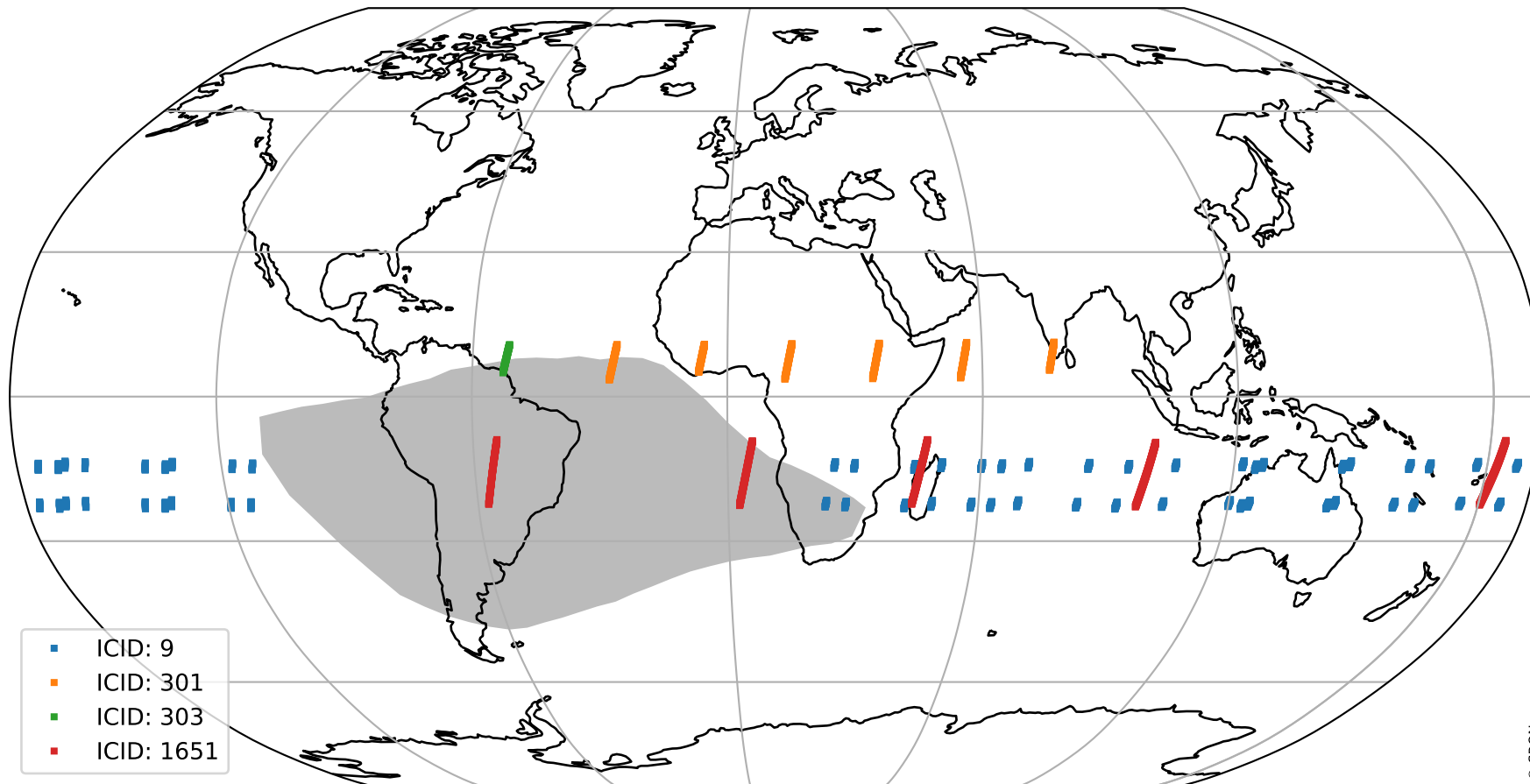
Tropomi SWIR background noise (swir)

orbits : 12 in [3277, 3367]
coverage : 2018-06-01 / 2018-06-07
median : 0.94592
spread : 0.095754
created : 2023-08-21T14:21:39



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

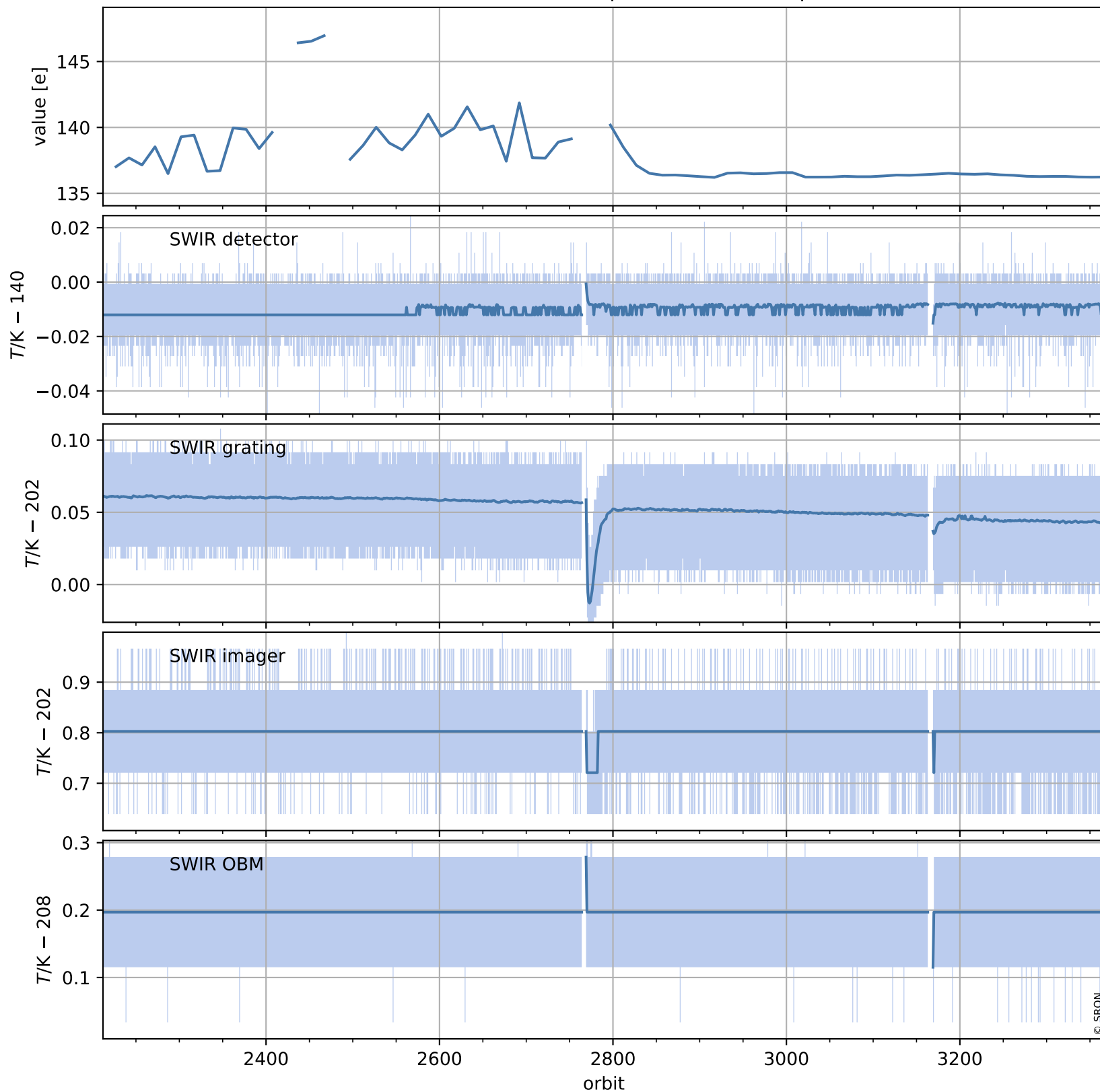
orbits : 12 in [3277, 3367]
coverage : 2018-06-01 / 2018-06-07
created : 2023-08-21T14:21:40



Tropomi SWIR background noise (swir)

orbits : [2212, 3367]
coverage : 2018-03-18 / 2018-06-07
created : 2023-08-21T14:21:40

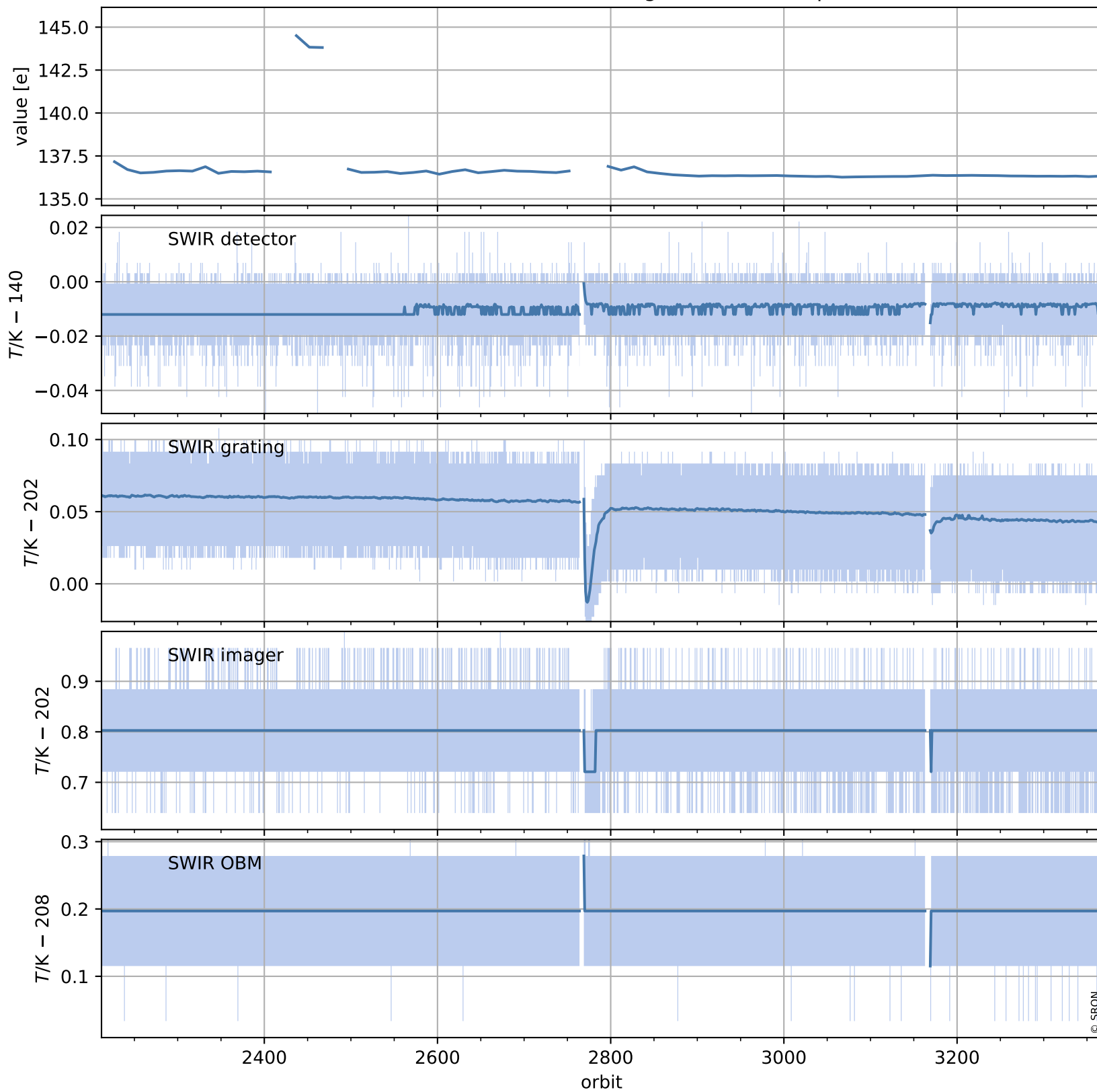
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3367]
coverage : 2018-03-18 / 2018-06-07
created : 2023-08-21T14:21:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3367]
coverage : 2018-03-18 / 2018-06-07
created : 2023-08-21T14:21:41

trend of normalized read-noise & temperatures

