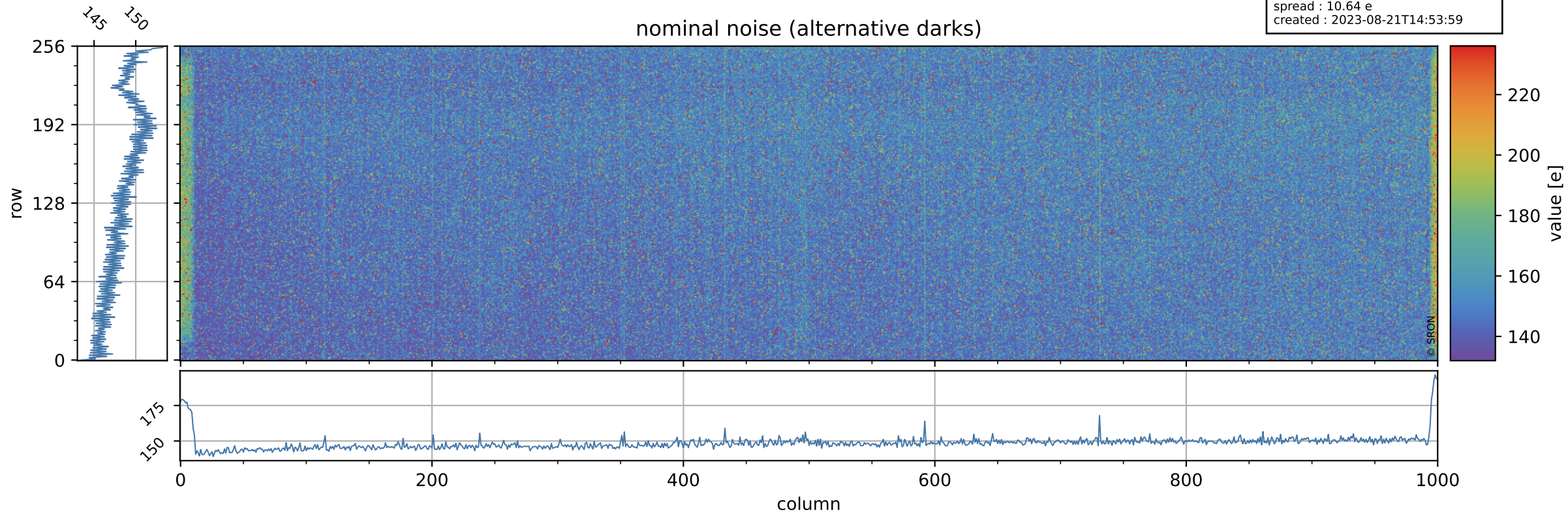


Tropomi SWIR background noise (swir)

orbits : 12 in [8047, 8122]
coverage : 2019-05-02 / 2019-05-08
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.64 e
created : 2023-08-21T14:53:59

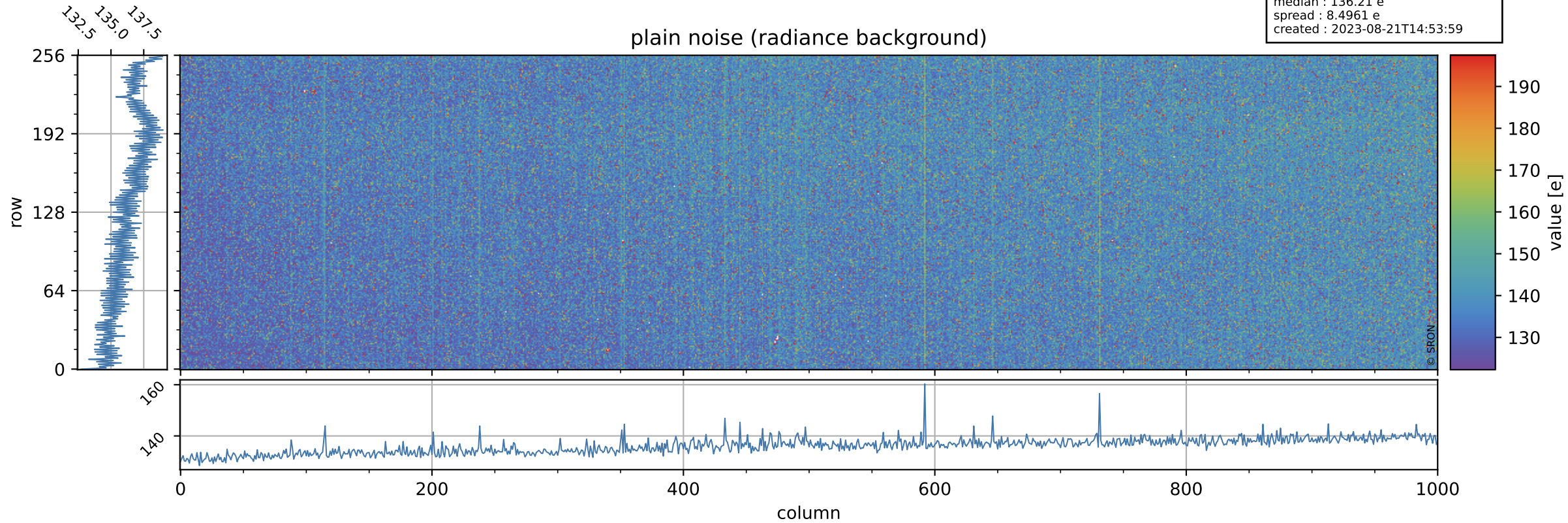
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8047, 8122]
coverage : 2019-05-02 / 2019-05-08
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.4961 e
created : 2023-08-21T14:53:59

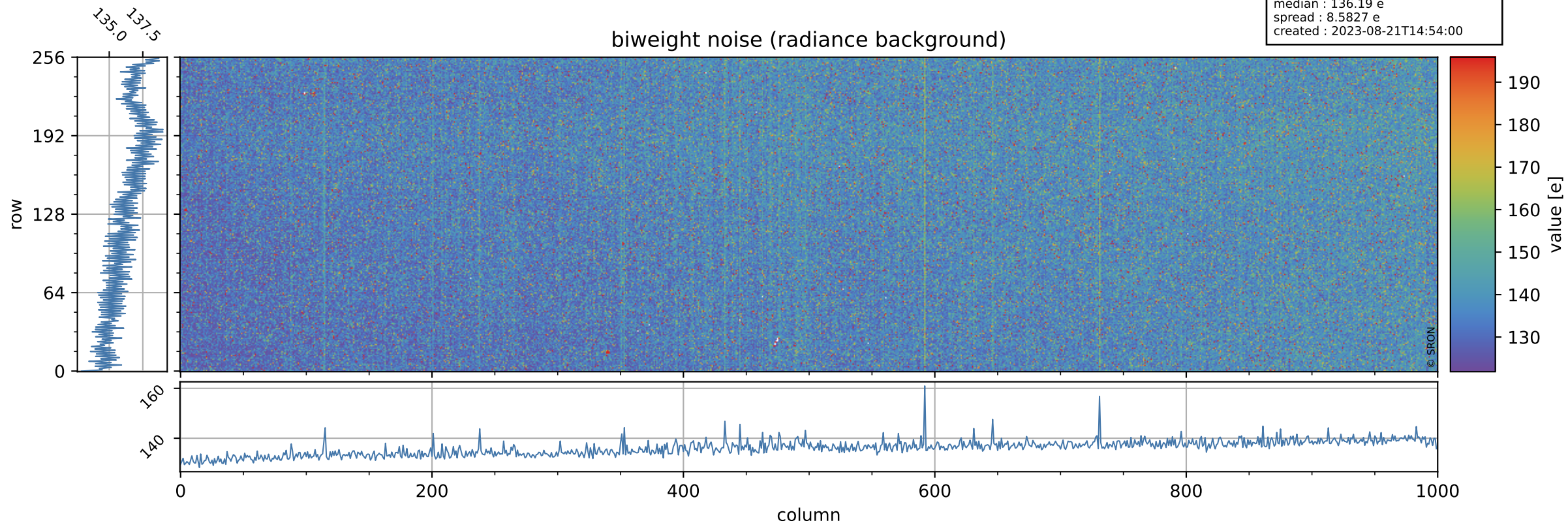
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8047, 8122]
coverage : 2019-05-02 / 2019-05-08
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.5827 e
created : 2023-08-21T14:54:00

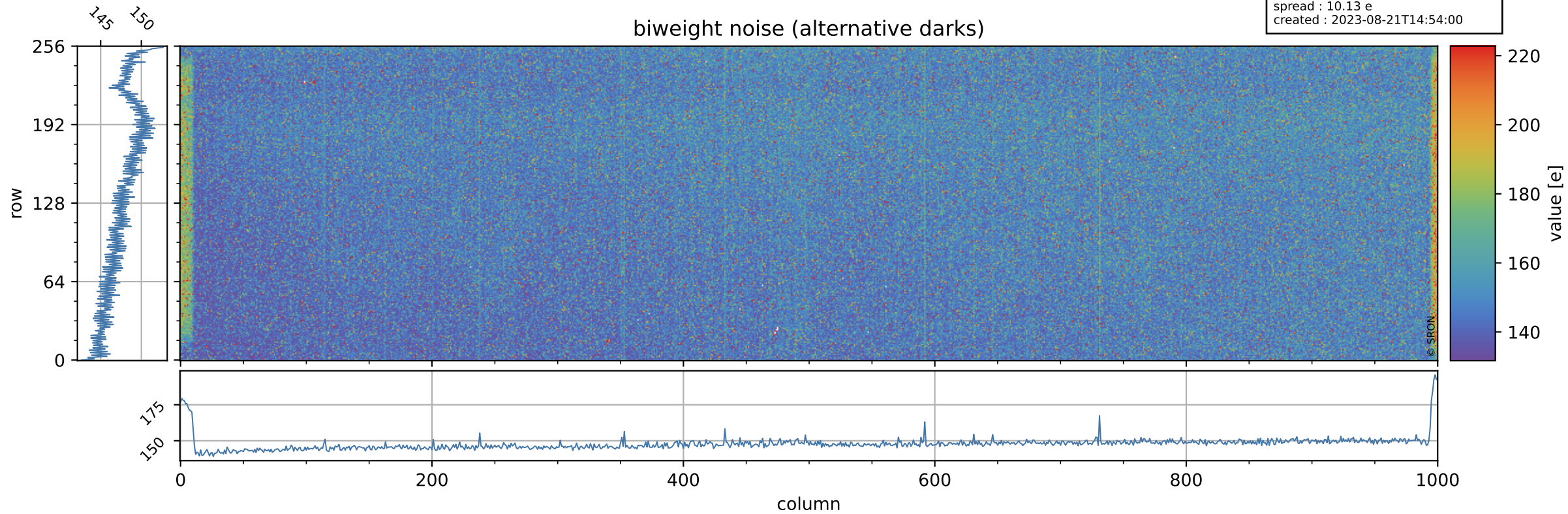
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8047, 8122]
coverage : 2019-05-02 / 2019-05-08
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 10.13 e
created : 2023-08-21T14:54:00

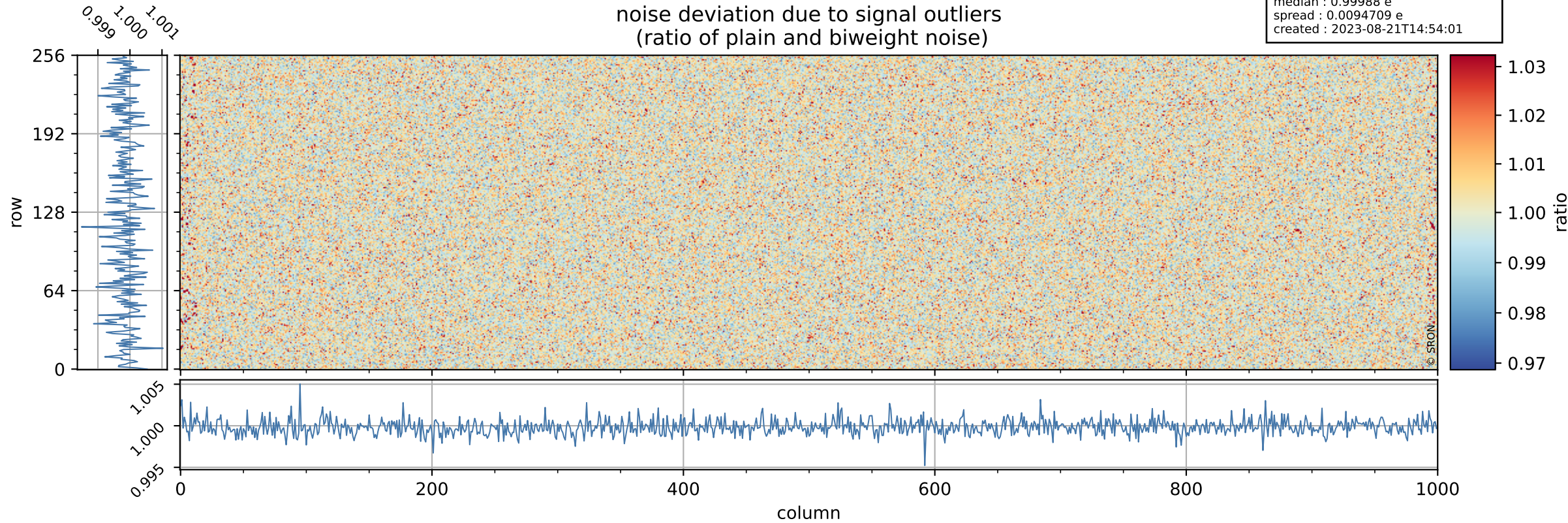
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

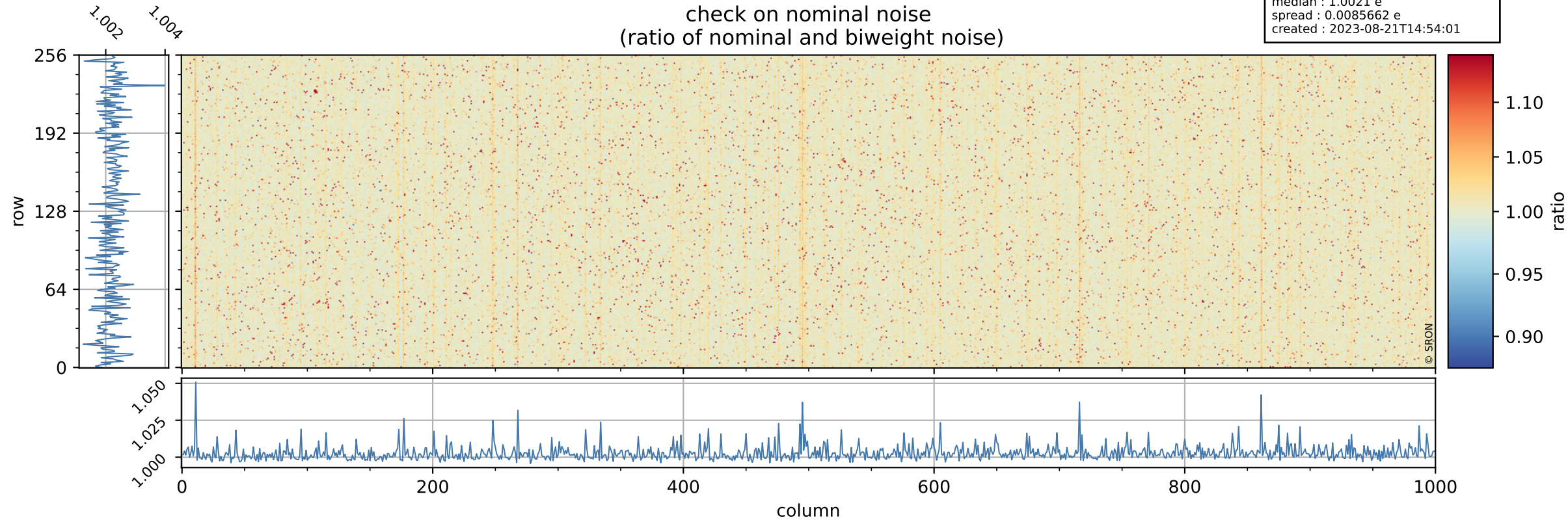
orbits : 12 in [8047, 8122]
coverage : 2019-05-02 / 2019-05-08
median : 0.99988 e
spread : 0.0094709 e
created : 2023-08-21T14:54:01



Tropomi SWIR background noise (swir)

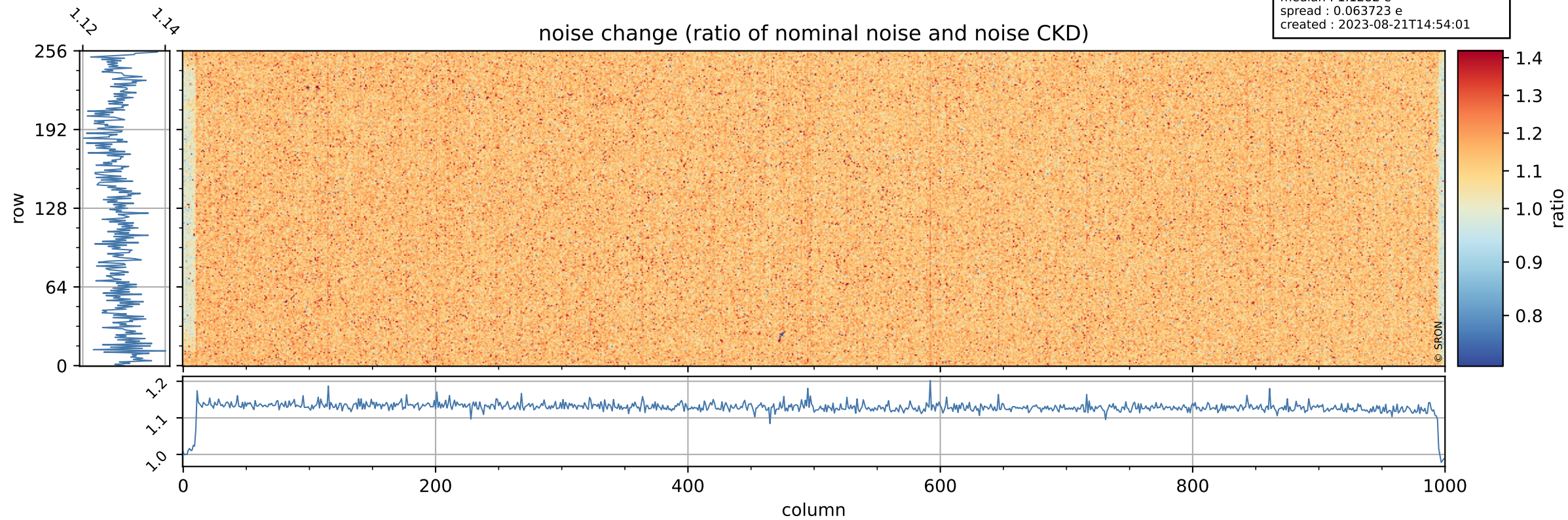
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8047, 8122]
coverage : 2019-05-02 / 2019-05-08
median : 1.0021 e
spread : 0.0085662 e
created : 2023-08-21T14:54:01



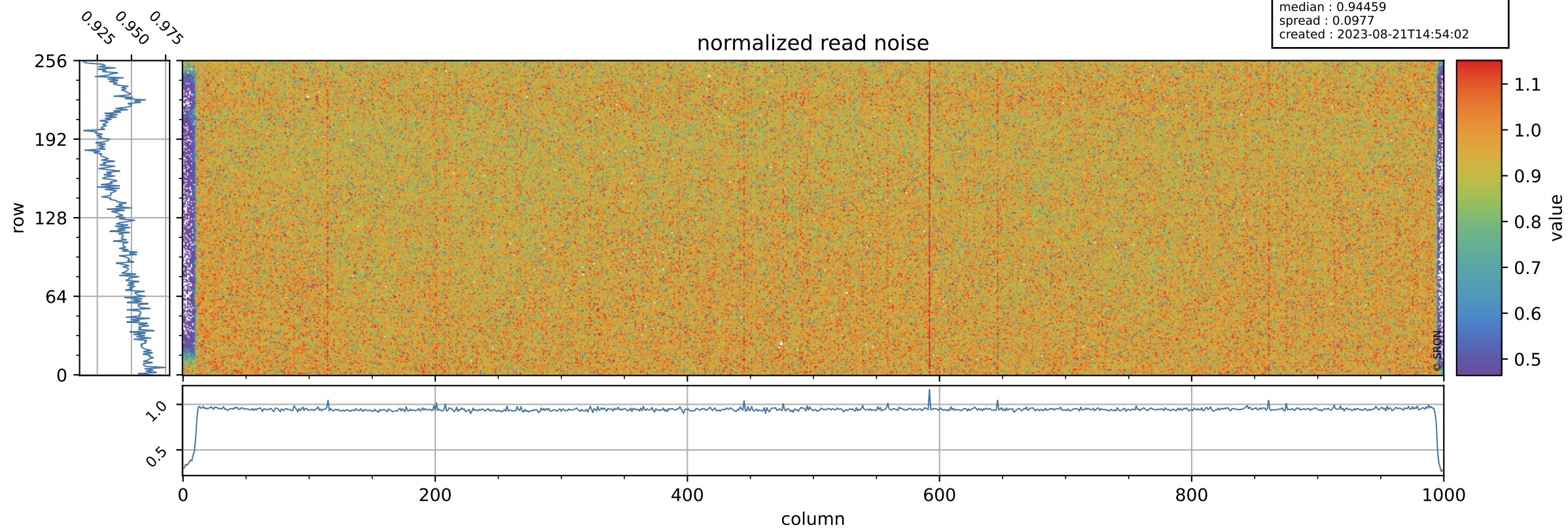
Tropomi SWIR background noise (swir)

orbits : 12 in [8047, 8122]
coverage : 2019-05-02 / 2019-05-08
median : 1.1282 e
spread : 0.063723 e
created : 2023-08-21T14:54:01



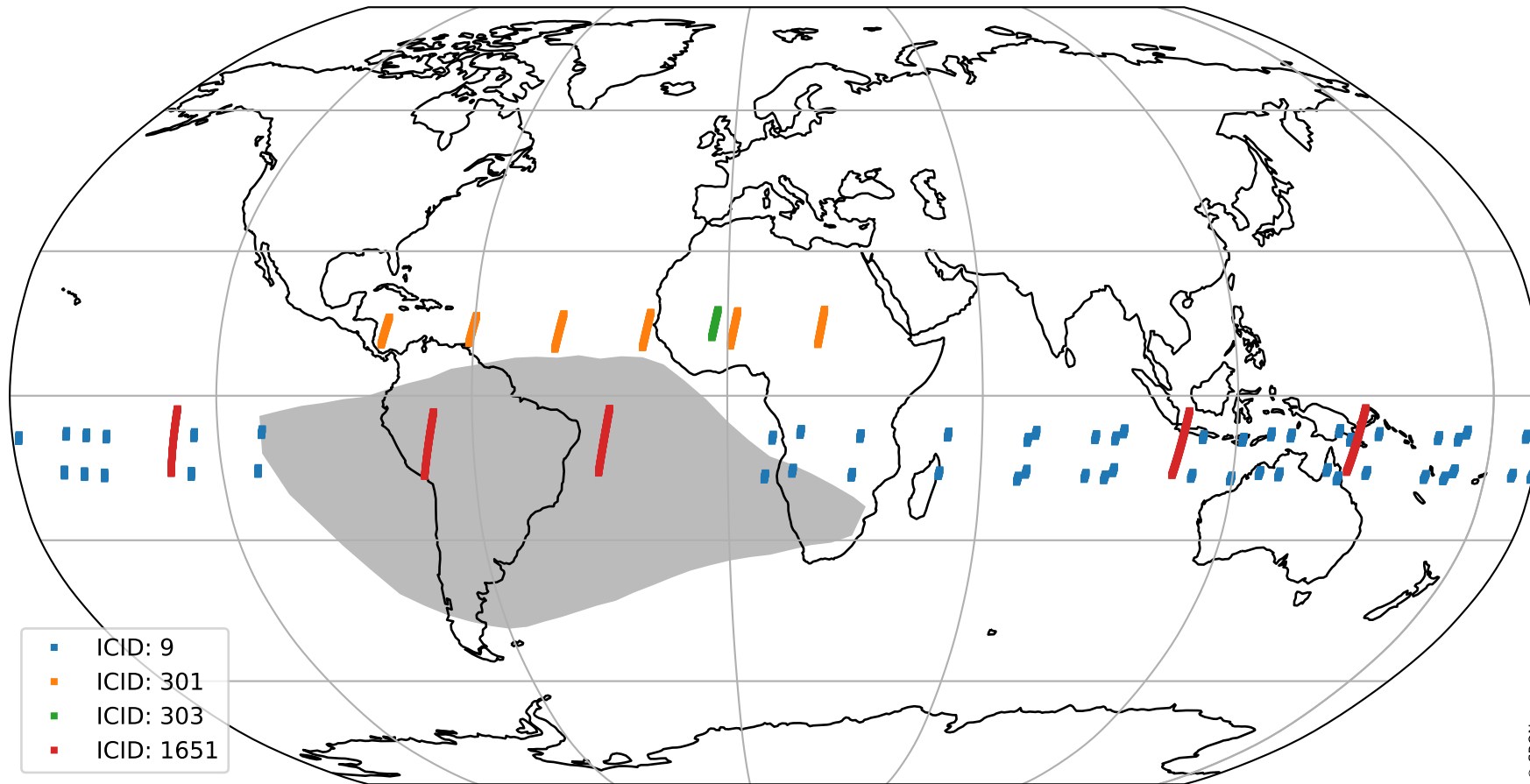
Tropomi SWIR background noise (swir)

orbits : 12 in [8047, 8122]
coverage : 2019-05-02 / 2019-05-08
median : 0.94459
spread : 0.0977
created : 2023-08-21T14:54:02



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

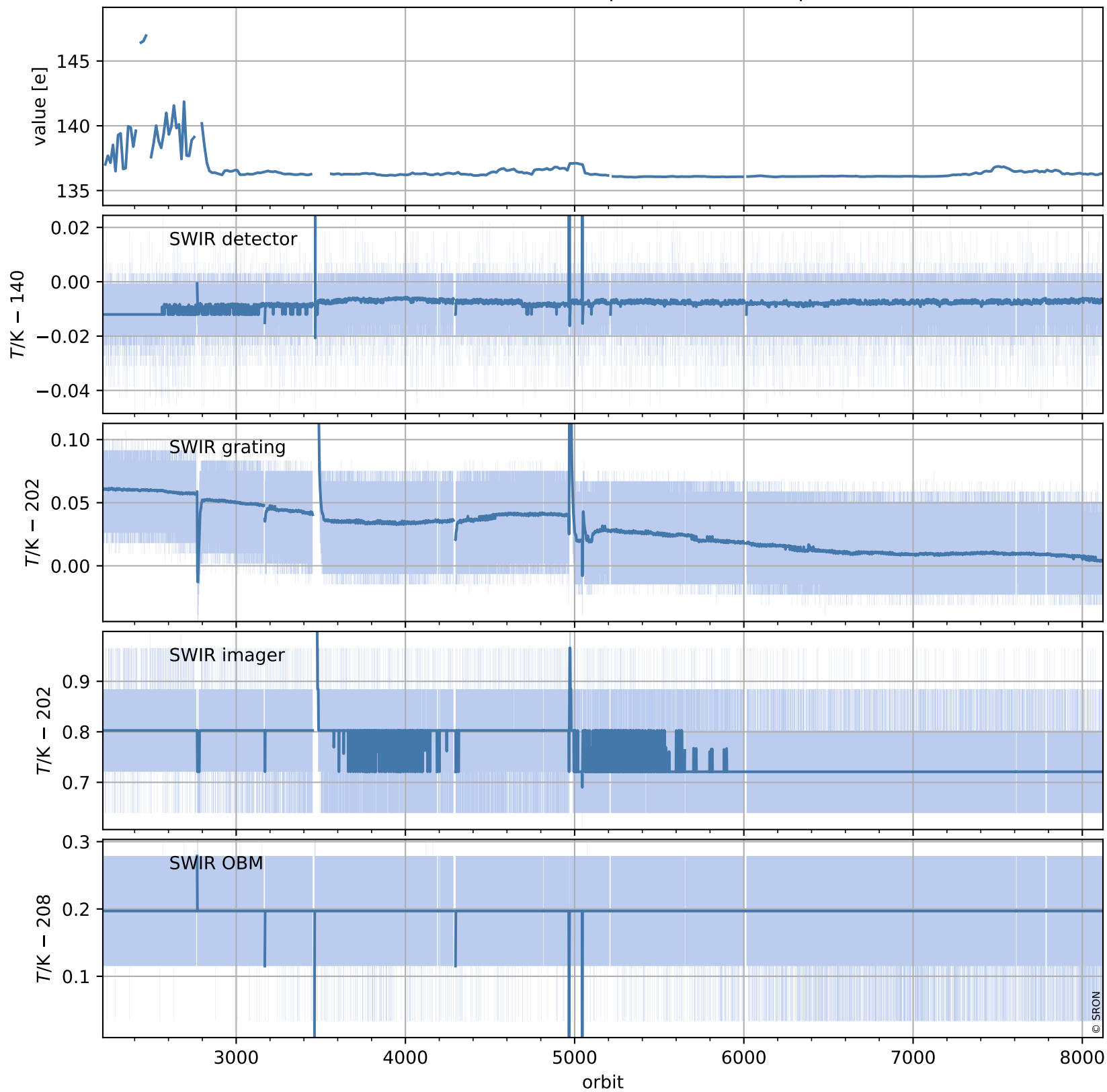
orbits : 12 in [8047, 8122]
coverage : 2019-05-02 / 2019-05-08
created : 2023-08-21T14:54:02



Tropomi SWIR background noise (swir)

orbits : [2212, 8122]
coverage : 2018-03-18 / 2019-05-08
created : 2023-08-21T14:54:03

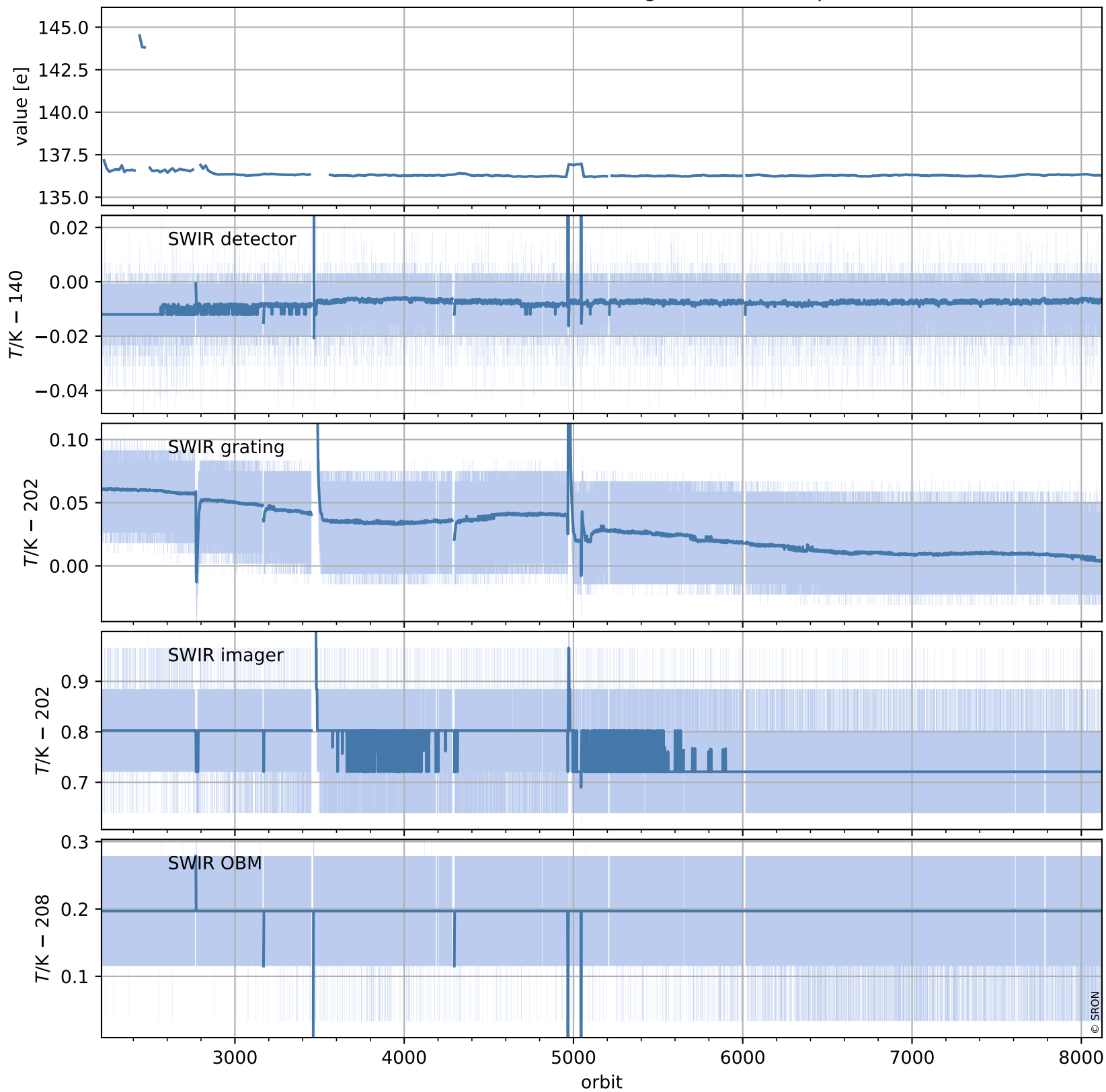
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8122]
coverage : 2018-03-18 / 2019-05-08
created : 2023-08-21T14:54:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8122]
coverage : 2018-03-18 / 2019-05-08
created : 2023-08-21T14:54:04

trend of normalized read-noise & temperatures

