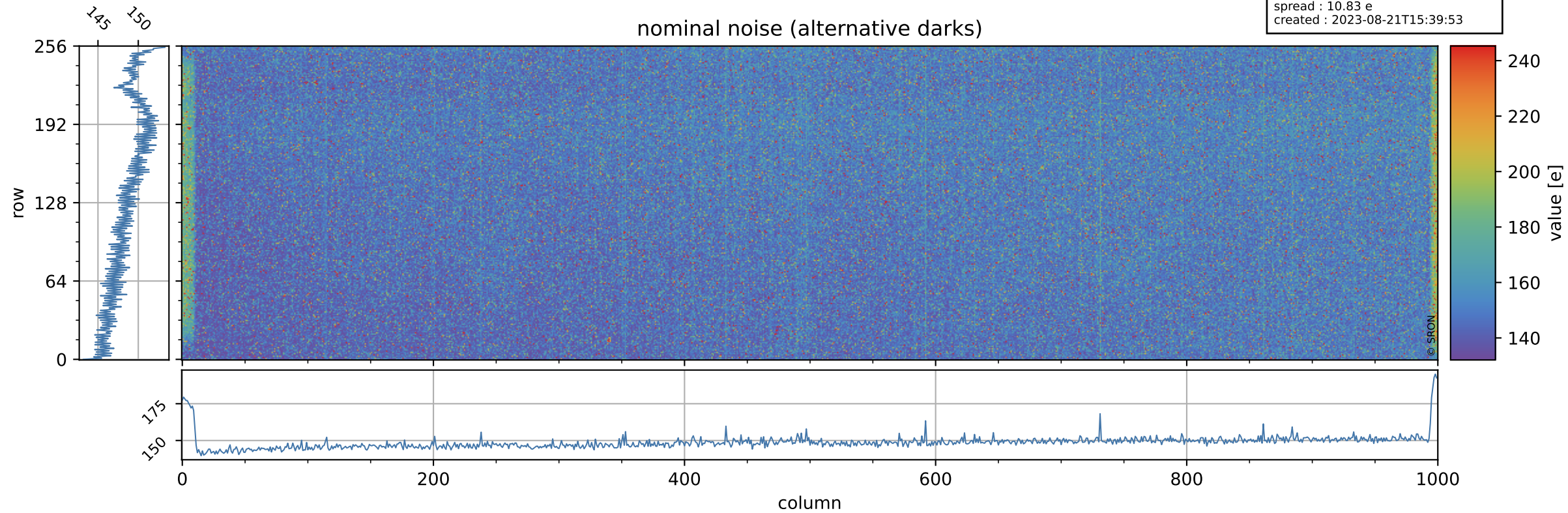


Tropomi SWIR background noise (swir)

orbits : 12 in [14977, 15052]
coverage : 2020-09-02 / 2020-09-07
n_coad, t_exp : 1, 1.0783
median : 148.54 e
spread : 10.83 e
created : 2023-08-21T15:39:53

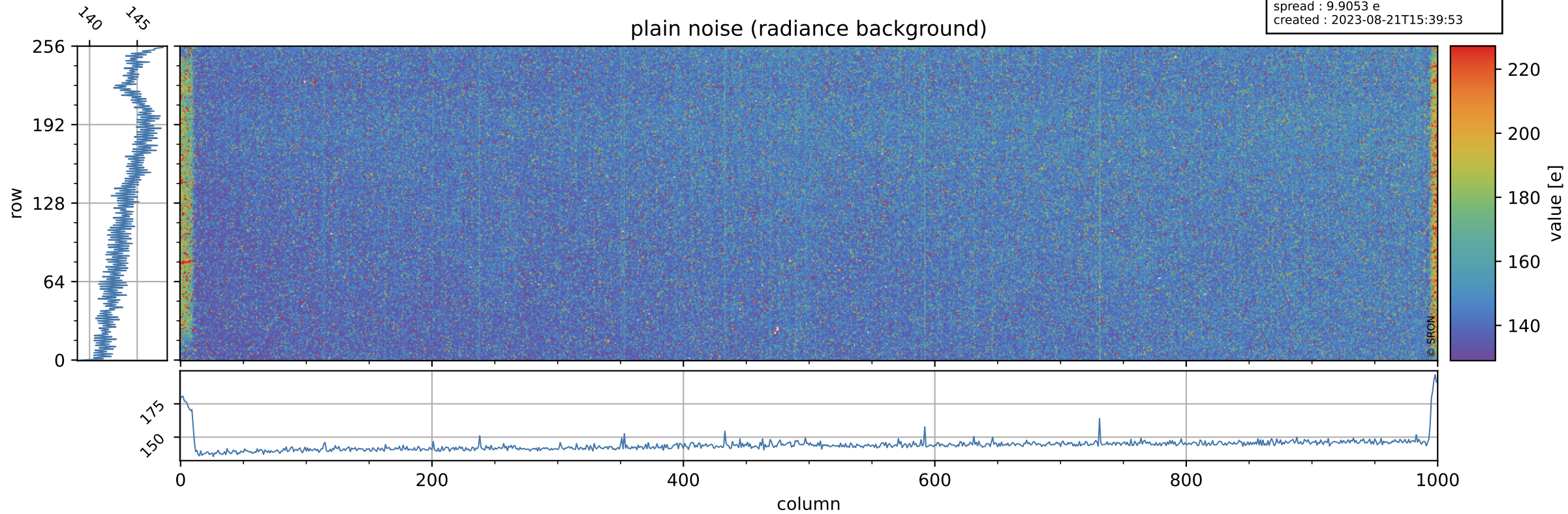
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14977, 15052]
coverage : 2020-09-02 / 2020-09-07
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9053 e
created : 2023-08-21T15:39:53

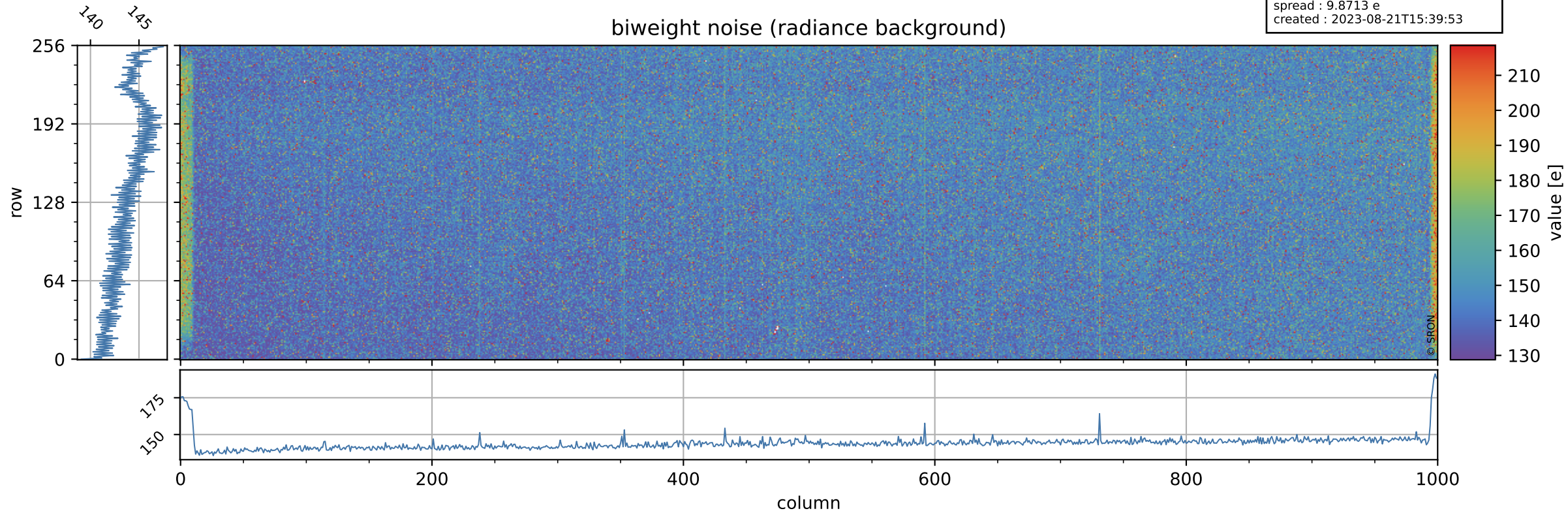
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14977, 15052]
coverage : 2020-09-02 / 2020-09-07
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.8713 e
created : 2023-08-21T15:39:53

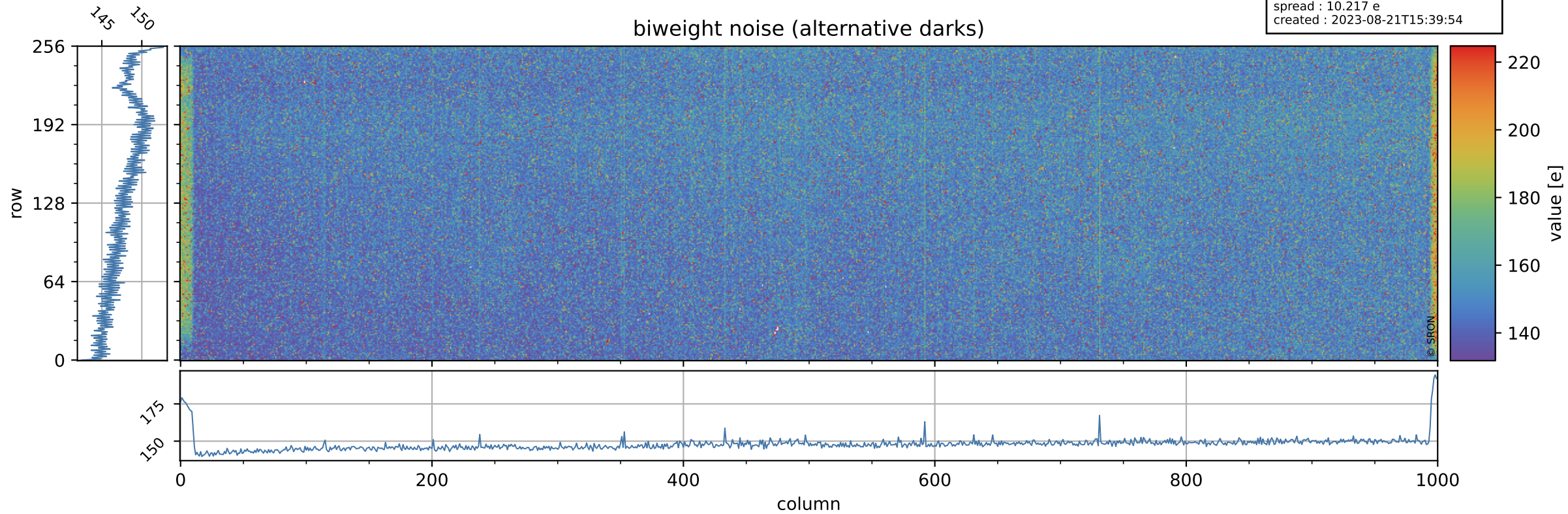
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14977, 15052]
coverage : 2020-09-02 / 2020-09-07
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.217 e
created : 2023-08-21T15:39:54

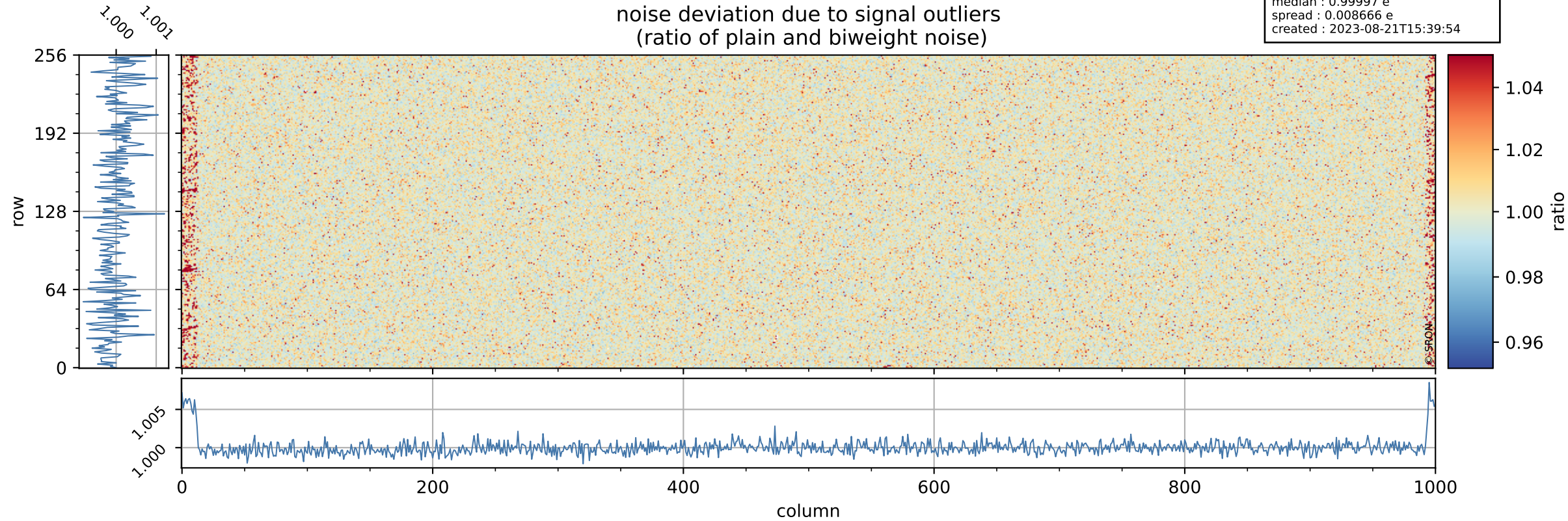
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

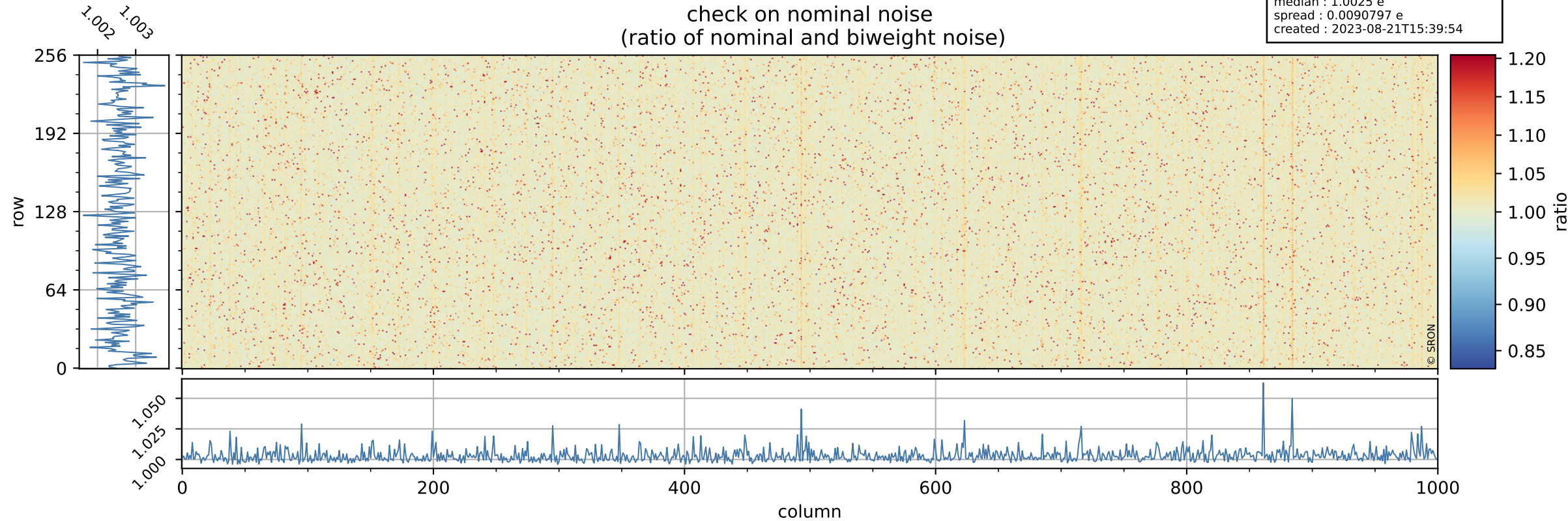
orbits : 12 in [14977, 15052]
coverage : 2020-09-02 / 2020-09-07
median : 0.99997 e
spread : 0.008666 e
created : 2023-08-21T15:39:54



Tropomi SWIR background noise (swir)

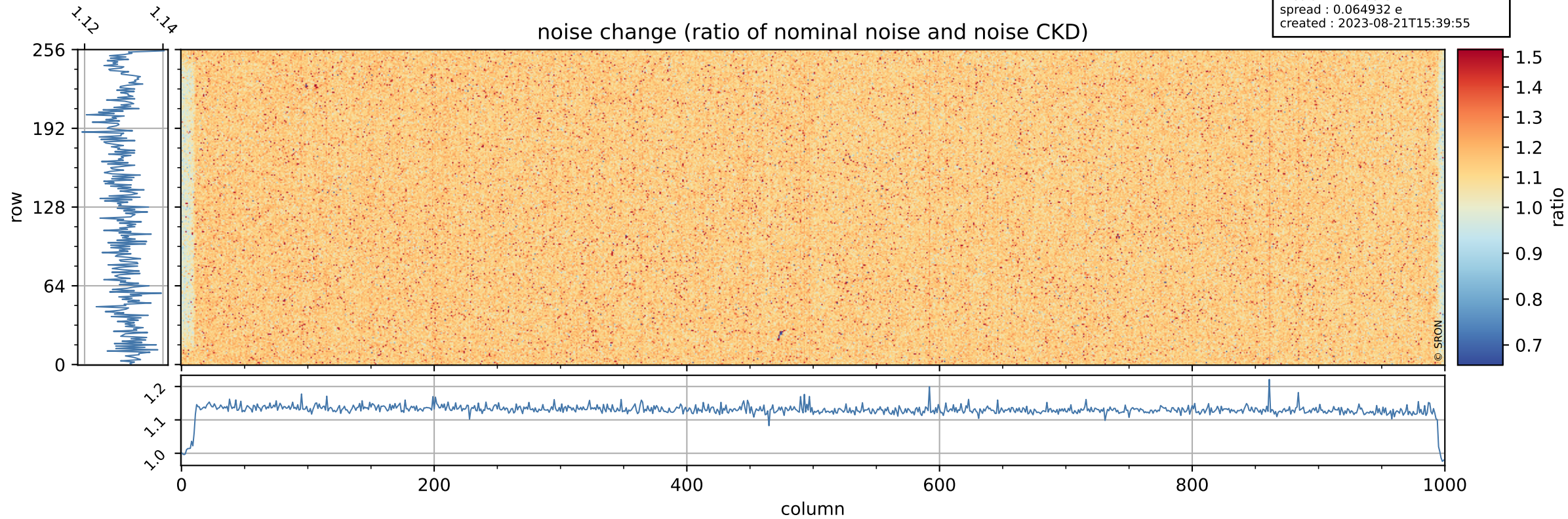
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14977, 15052]
coverage : 2020-09-02 / 2020-09-07
median : 1.0025 e
spread : 0.0090797 e
created : 2023-08-21T15:39:54



Tropomi SWIR background noise (swir)

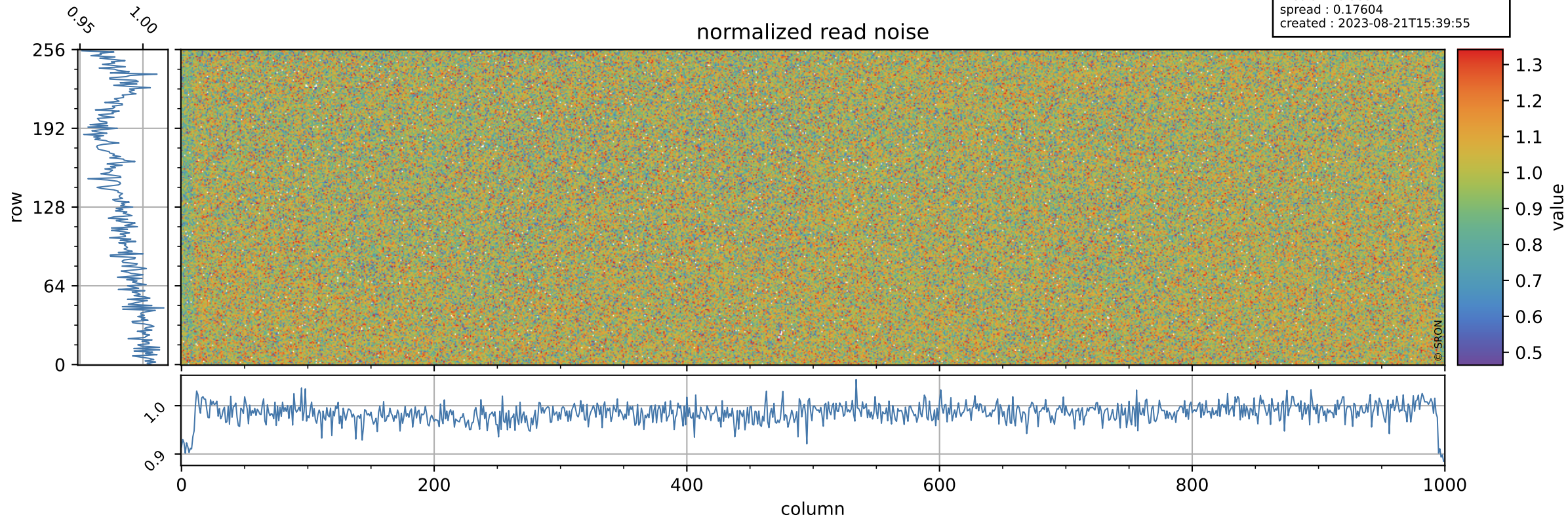
orbits : 12 in [14977, 15052]
coverage : 2020-09-02 / 2020-09-07
median : 1.1293 e
spread : 0.064932 e
created : 2023-08-21T15:39:55



Tropomi SWIR background noise (swir)

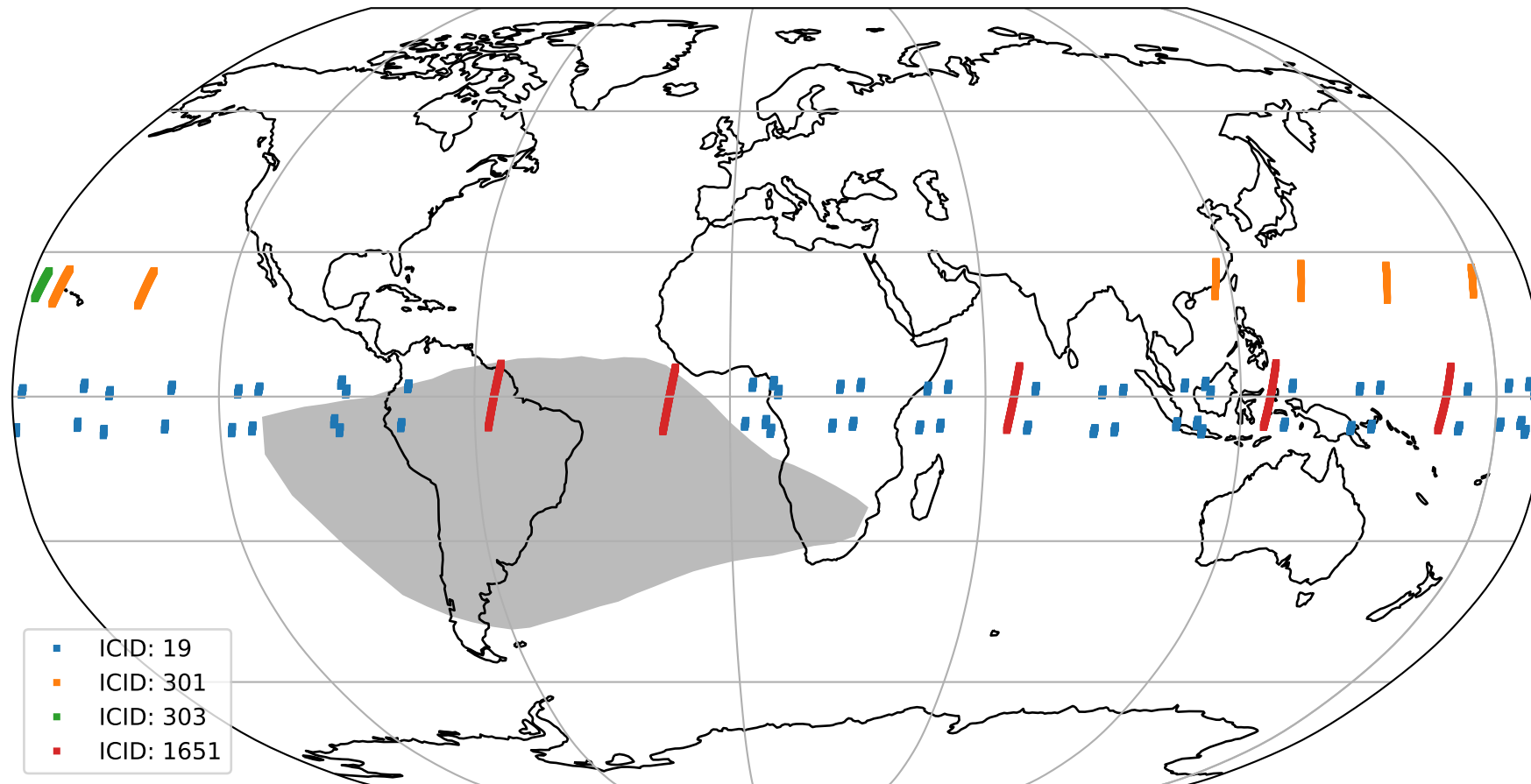
orbits : 12 in [14977, 15052]
coverage : 2020-09-02 / 2020-09-07
median : 0.98342
spread : 0.17604
created : 2023-08-21T15:39:55

normalized read noise



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

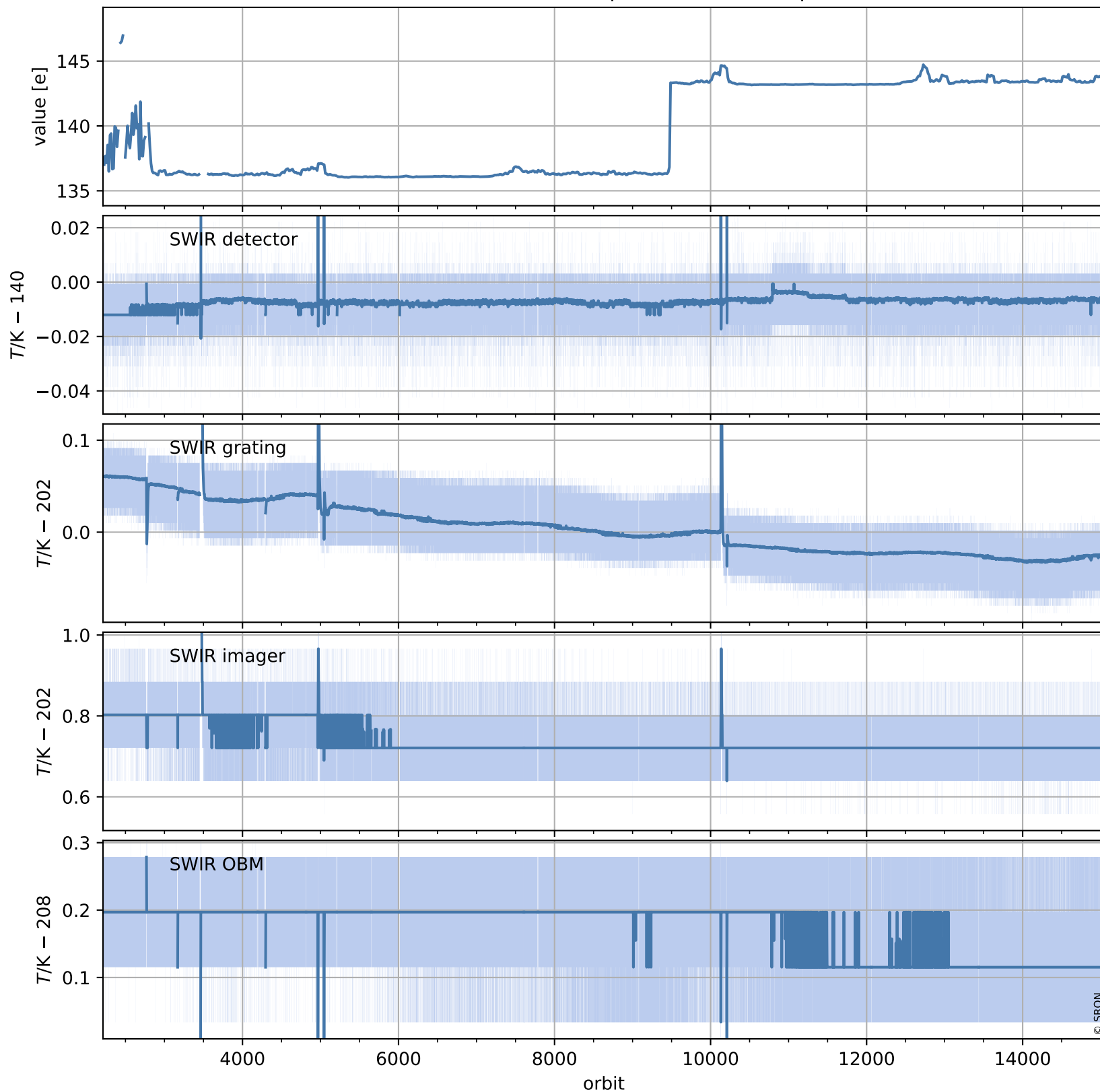
orbits : 12 in [14977, 15052]
coverage : 2020-09-02 / 2020-09-07
created : 2023-08-21T15:39:55



Tropomi SWIR background noise (swir)

orbits : [2212, 15052]
coverage : 2018-03-18 / 2020-09-07
created : 2023-08-21T15:39:56

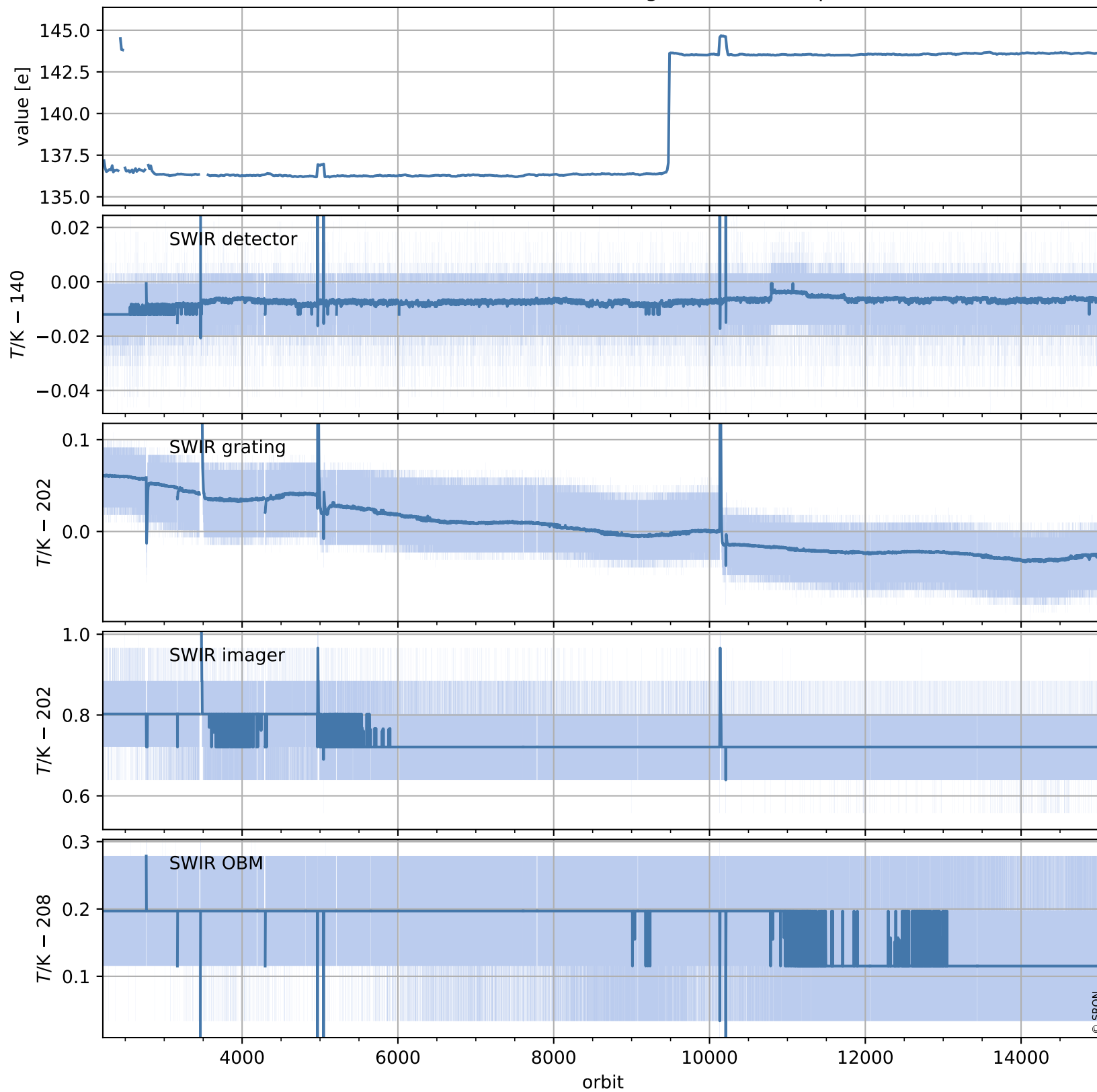
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15052]
coverage : 2018-03-18 / 2020-09-07
created : 2023-08-21T15:39:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15052]
coverage : 2018-03-18 / 2020-09-07
created : 2023-08-21T15:39:57

trend of normalized read-noise & temperatures

