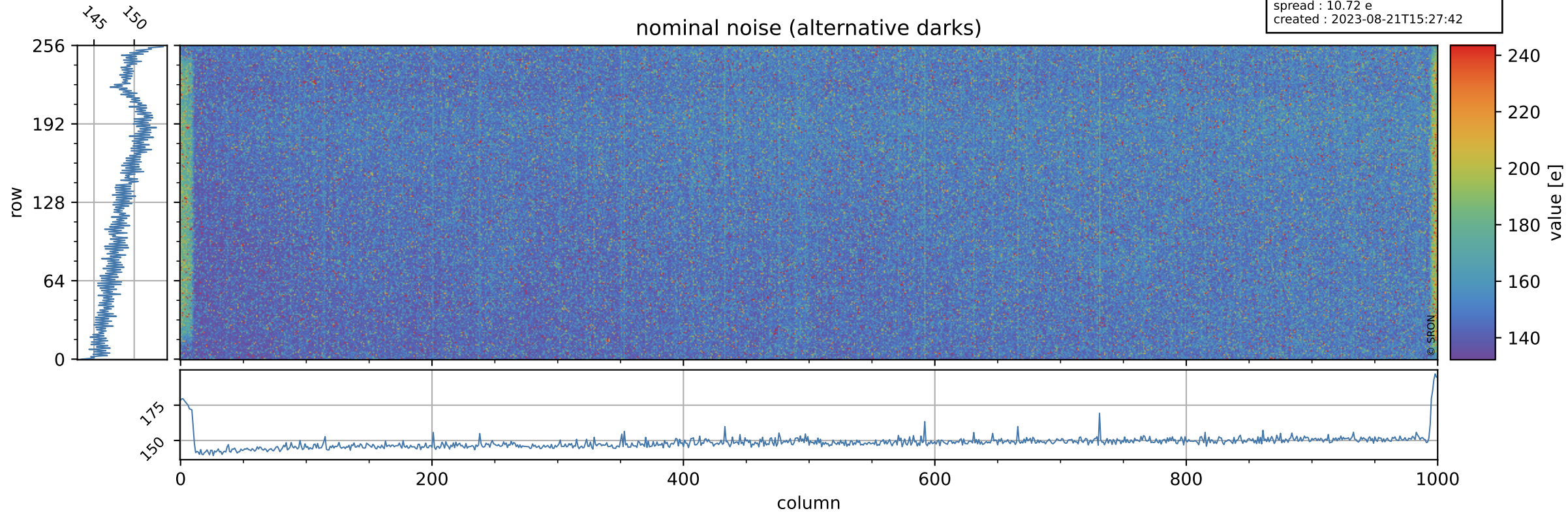


Tropomi SWIR background noise (swir)

orbits : 12 in [12727, 12802]
coverage : 2020-03-27 / 2020-04-02
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.72 e
created : 2023-08-21T15:27:42

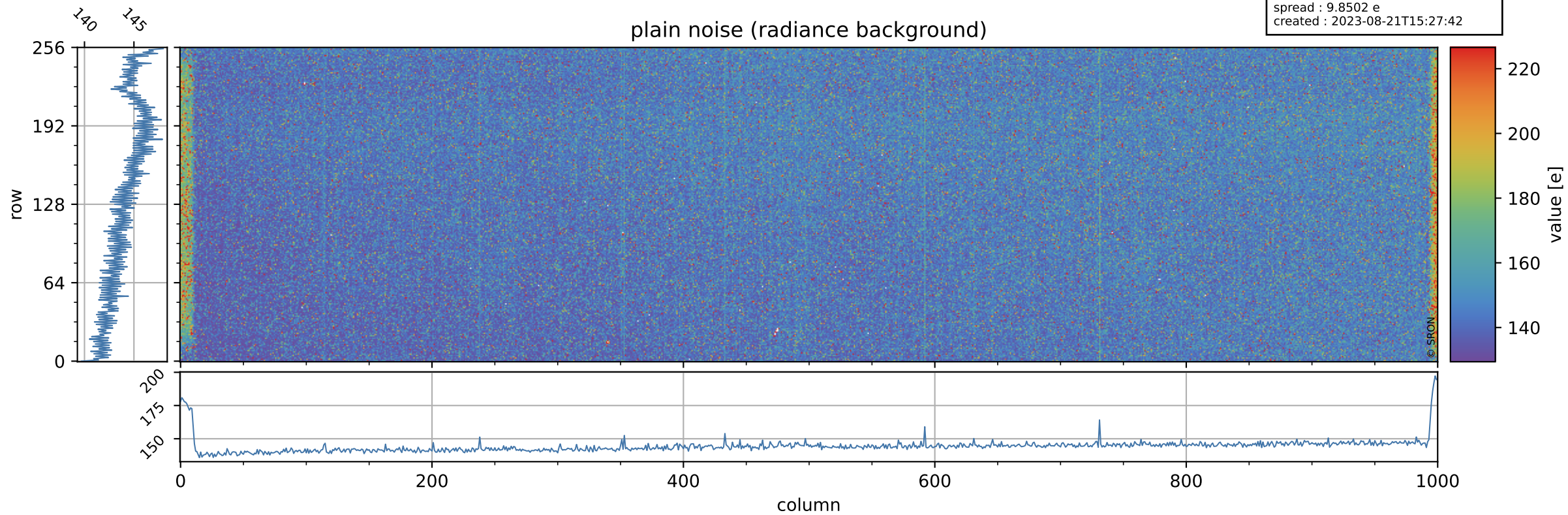
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12727, 12802]
coverage : 2020-03-27 / 2020-04-02
n_coad, t_exp : 1, 0.8383
median : 144.04 e
spread : 9.8502 e
created : 2023-08-21T15:27:42

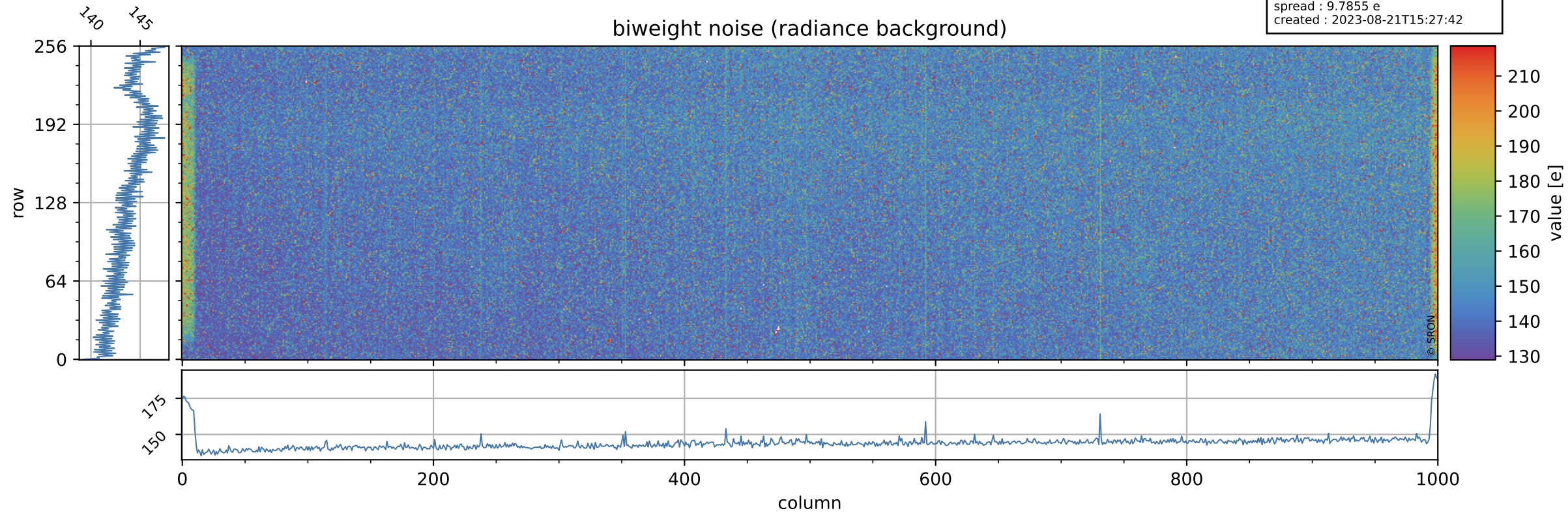
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12727, 12802]
coverage : 2020-03-27 / 2020-04-02
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.7855 e
created : 2023-08-21T15:27:42

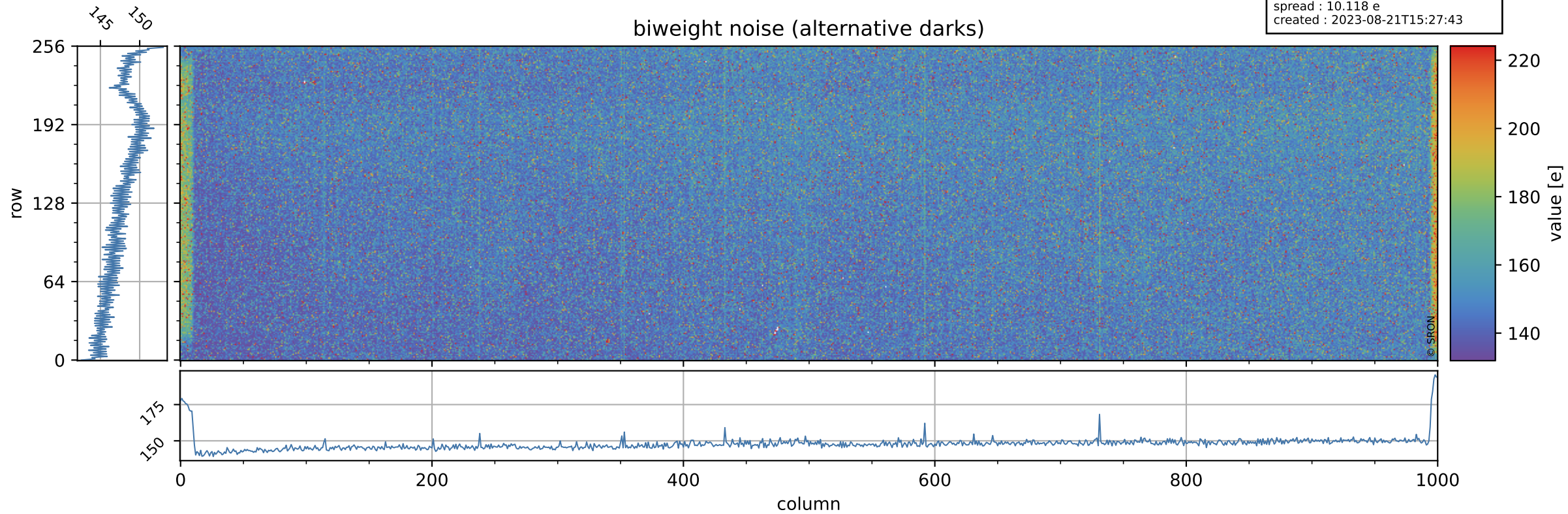
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12727, 12802]
coverage : 2020-03-27 / 2020-04-02
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.118 e
created : 2023-08-21T15:27:43

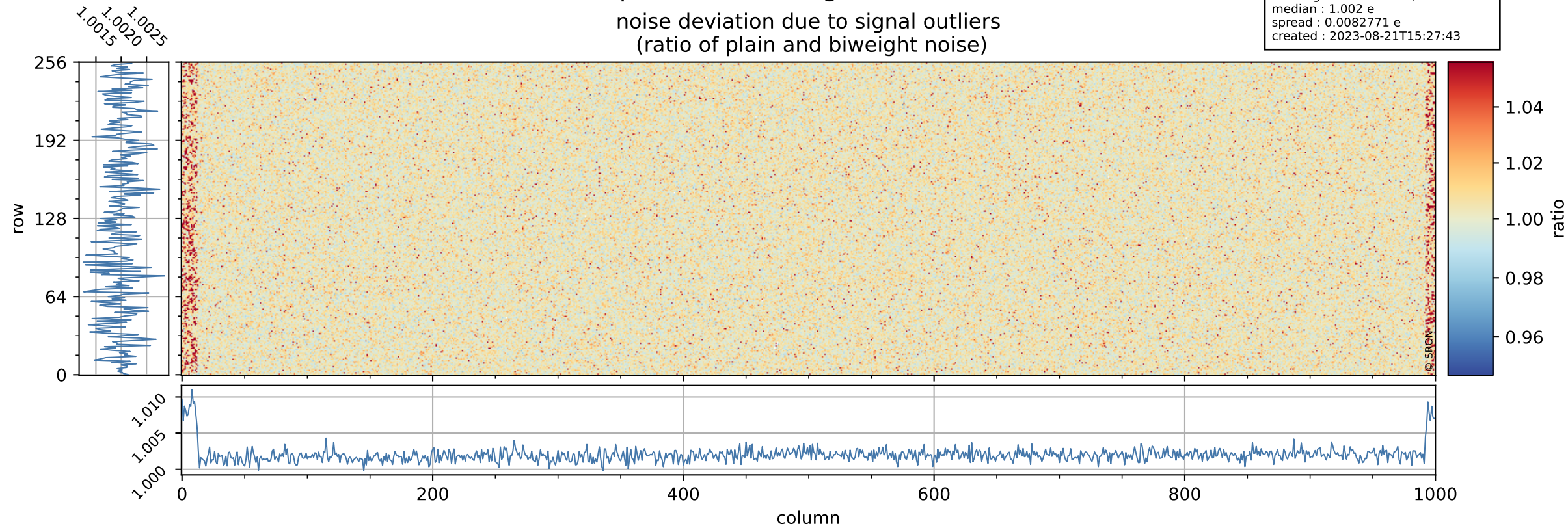
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

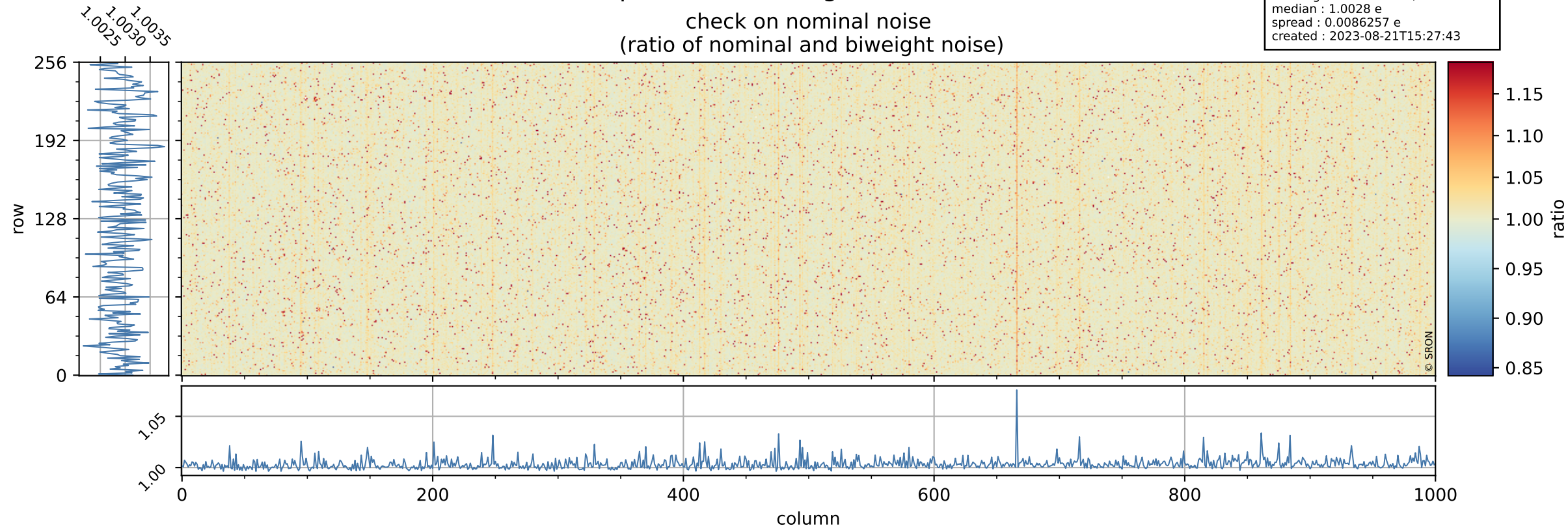
orbits : 12 in [12727, 12802]
coverage : 2020-03-27 / 2020-04-02
median : 1.002 e
spread : 0.0082771 e
created : 2023-08-21T15:27:43



Tropomi SWIR background noise (swir)

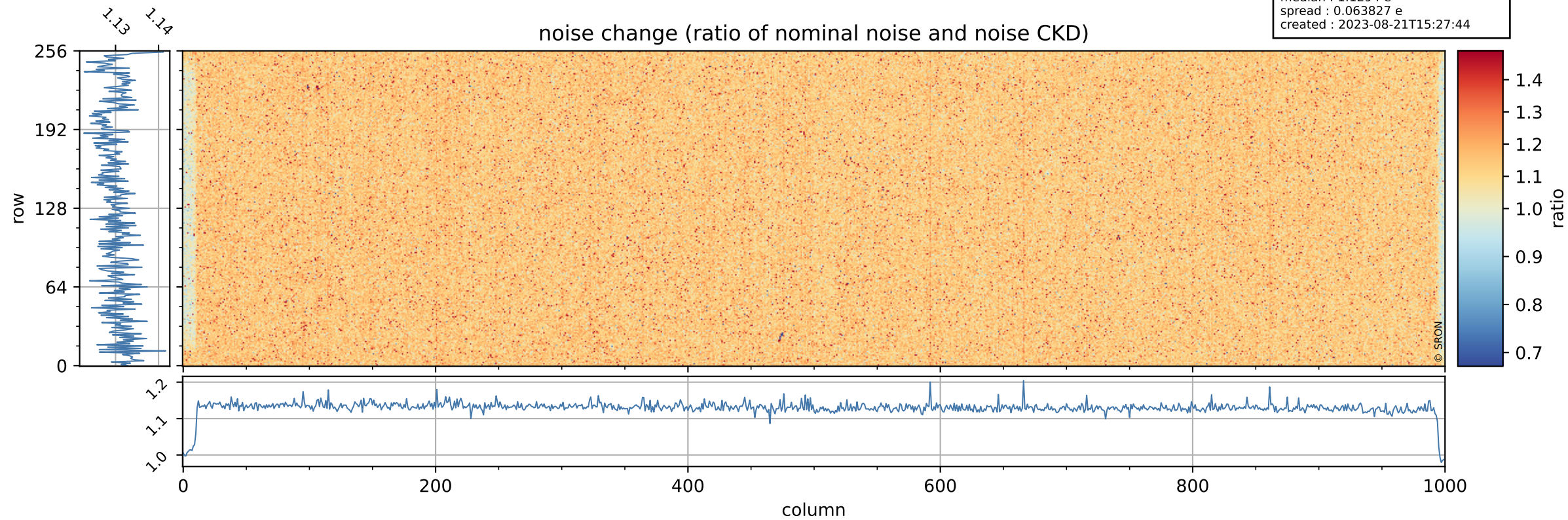
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12727, 12802]
coverage : 2020-03-27 / 2020-04-02
median : 1.0028 e
spread : 0.0086257 e
created : 2023-08-21T15:27:43



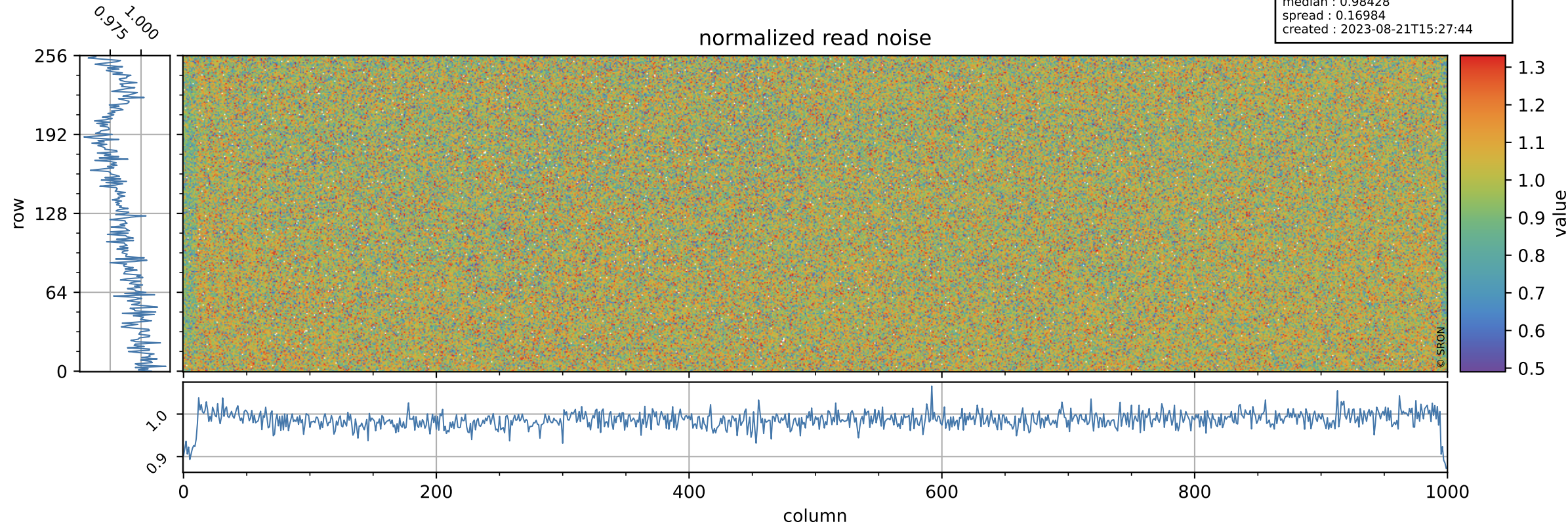
Tropomi SWIR background noise (swir)

orbits : 12 in [12727, 12802]
coverage : 2020-03-27 / 2020-04-02
median : 1.1294 e
spread : 0.063827 e
created : 2023-08-21T15:27:44



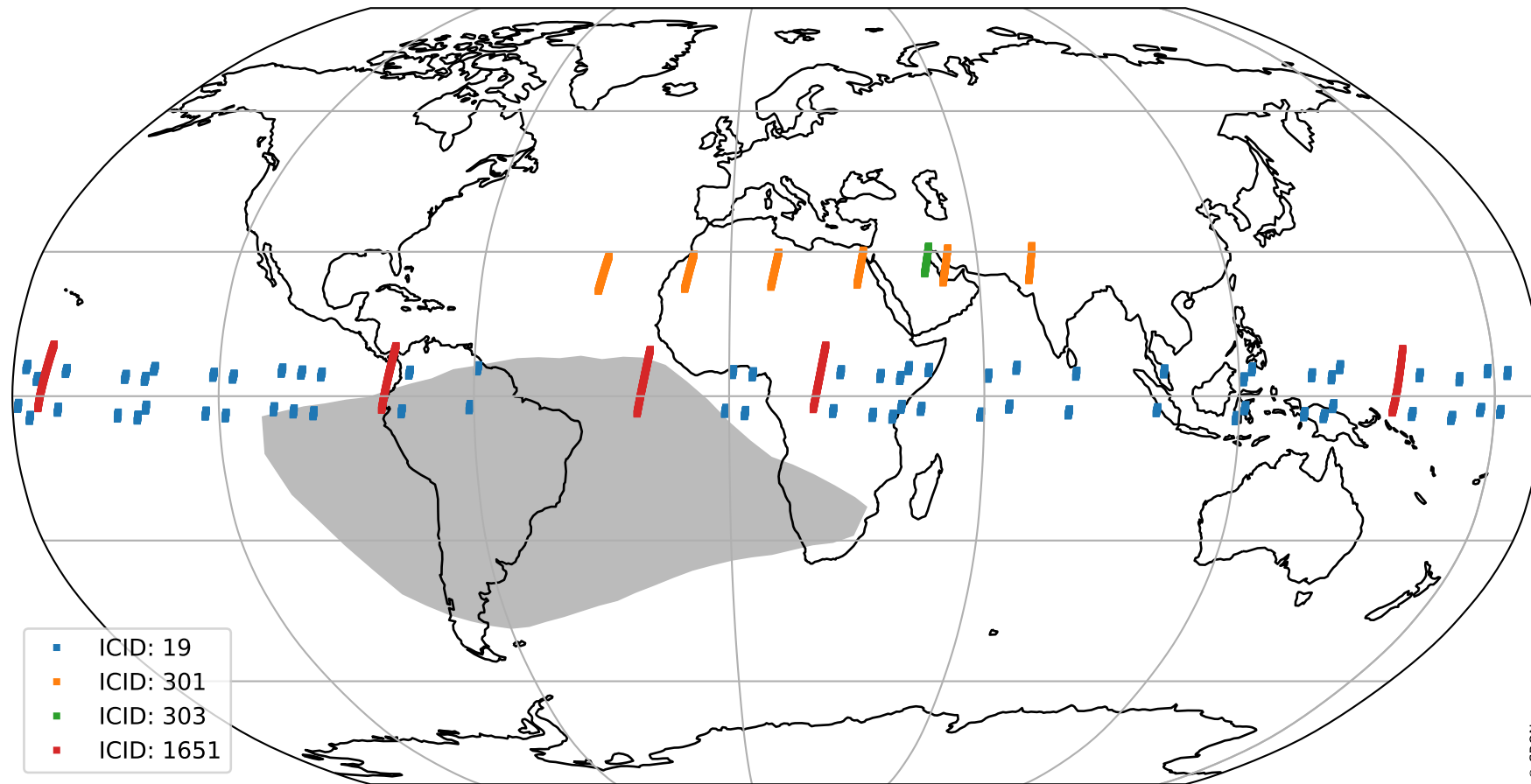
Tropomi SWIR background noise (swir)

orbits : 12 in [12727, 12802]
coverage : 2020-03-27 / 2020-04-02
median : 0.98428
spread : 0.16984
created : 2023-08-21T15:27:44



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

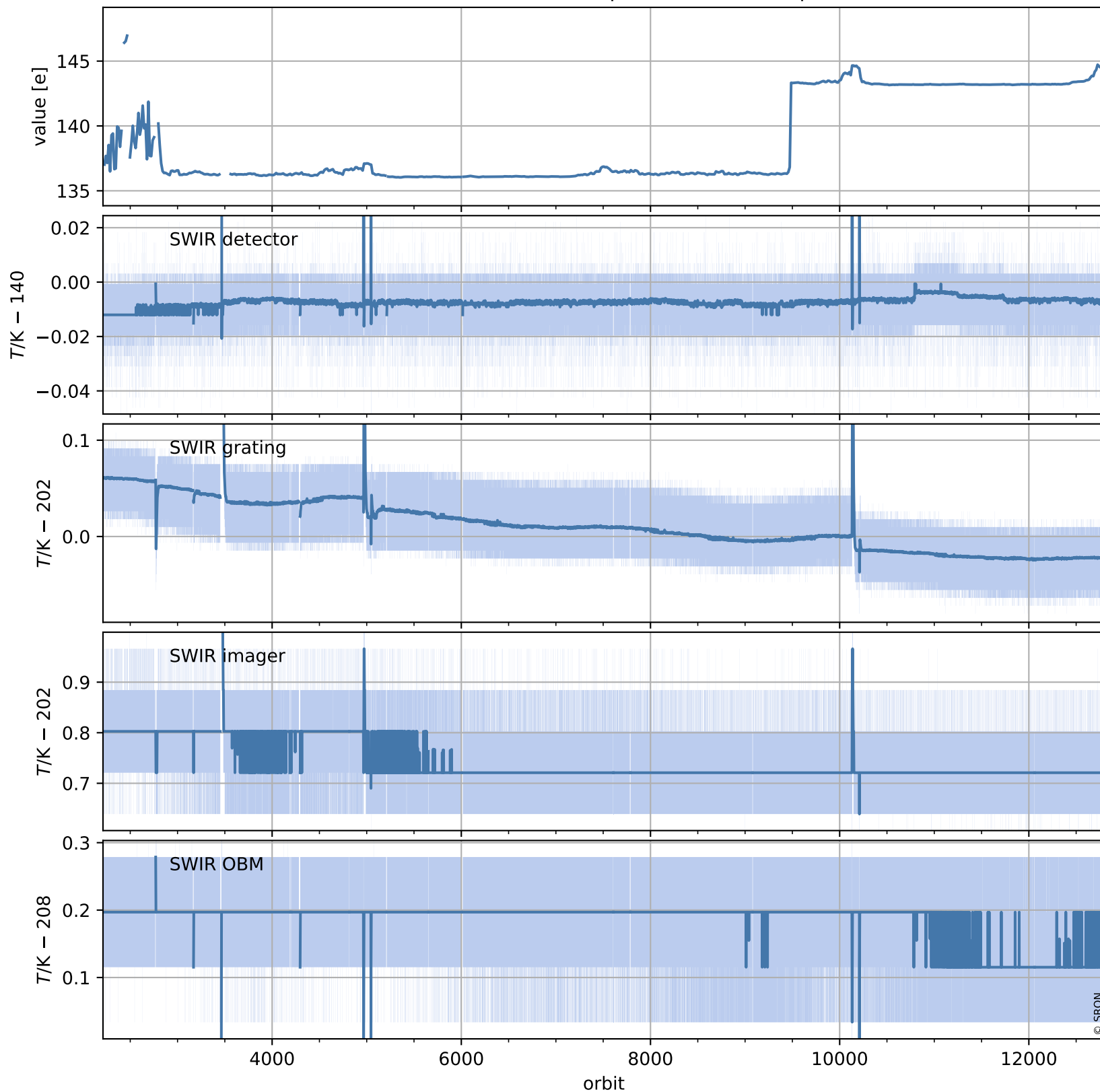
orbits : 12 in [12727, 12802]
coverage : 2020-03-27 / 2020-04-02
created : 2023-08-21T15:27:44



Tropomi SWIR background noise (swir)

orbits : [2212, 12802]
coverage : 2018-03-18 / 2020-04-02
created : 2023-08-21T15:27:44

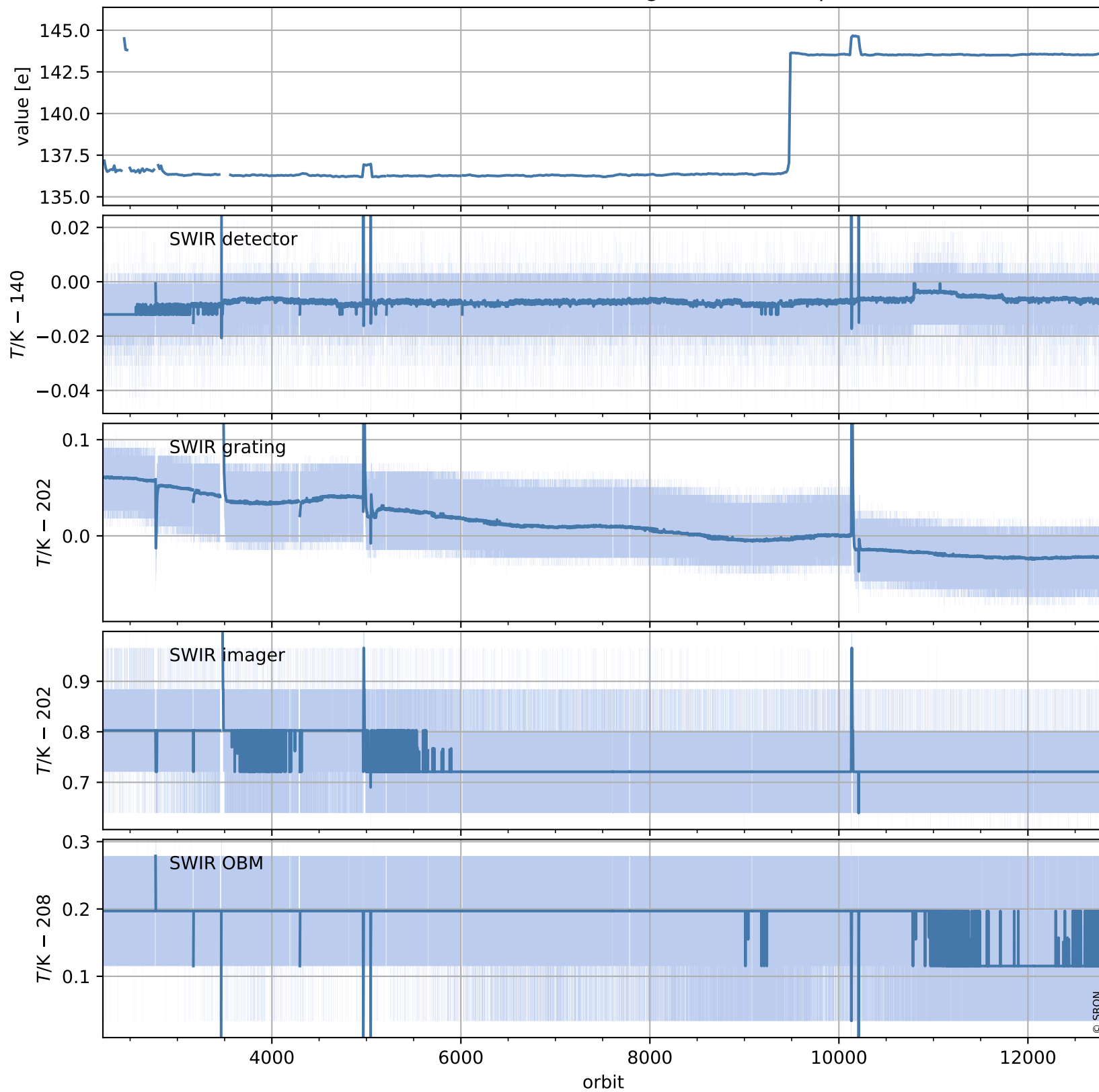
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12802]
coverage : 2018-03-18 / 2020-04-02
created : 2023-08-21T15:27:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12802]
coverage : 2018-03-18 / 2020-04-02
created : 2023-08-21T15:27:46

trend of normalized read-noise & temperatures

