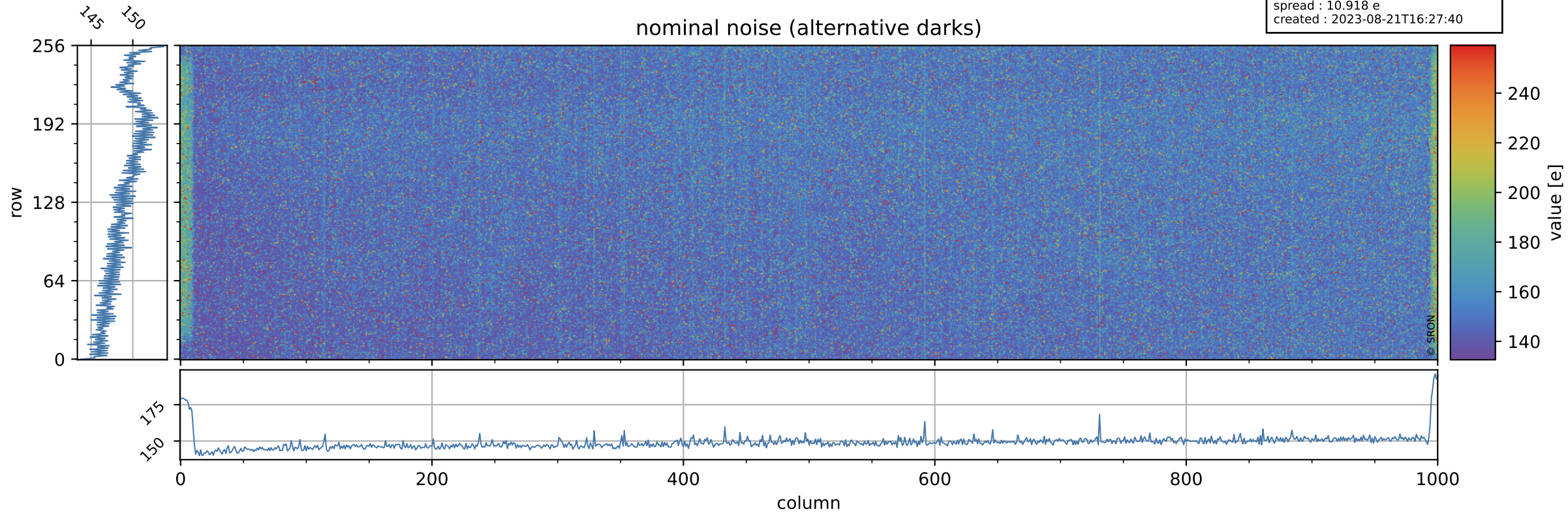


Tropomi SWIR background noise (swir)

orbits : 13 in [22942, 23032]
coverage : 2022-03-18 / 2022-03-24
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 10.918 e
created : 2023-08-21T16:27:40

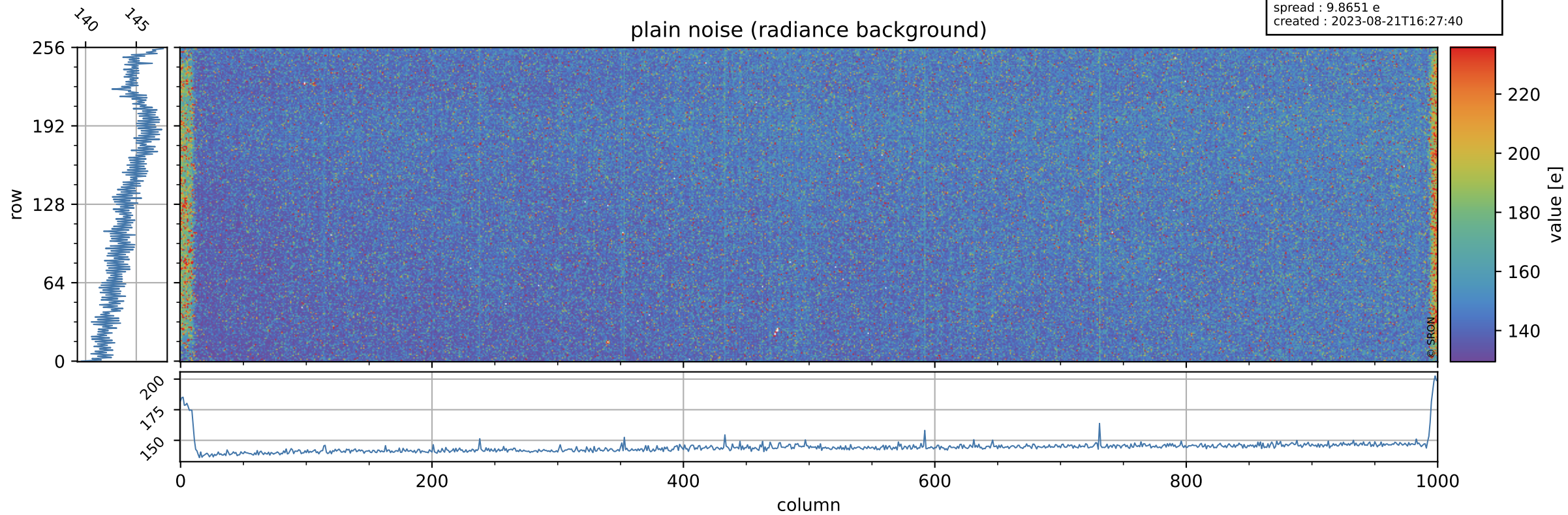
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [22942, 23032]
coverage : 2022-03-18 / 2022-03-24
n_coad, t_exp : 1, 0.8383
median : 144.01 e
spread : 9.8651 e
created : 2023-08-21T16:27:40

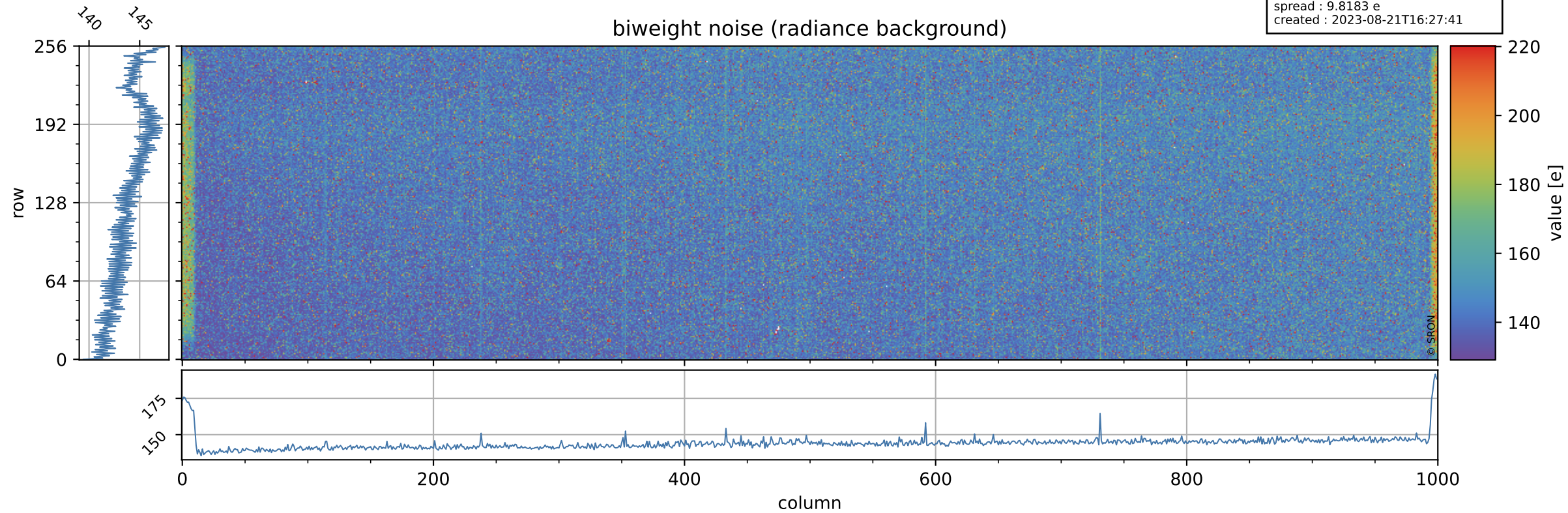
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22942, 23032]
coverage : 2022-03-18 / 2022-03-24
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.8183 e
created : 2023-08-21T16:27:41

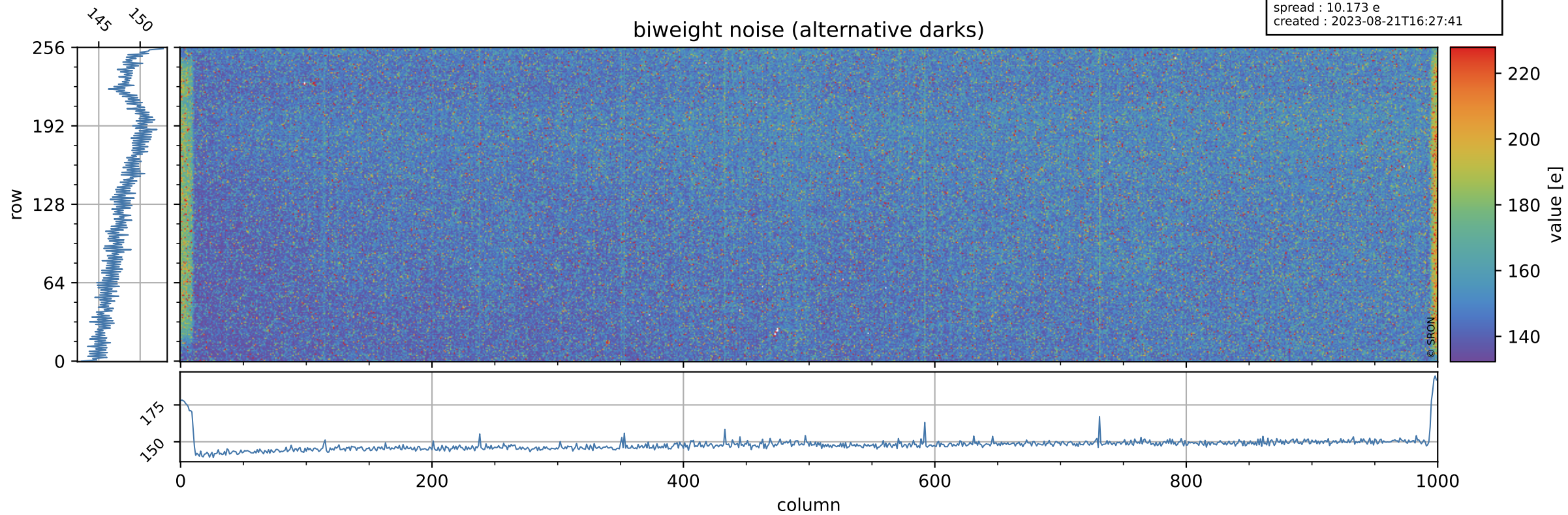
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22942, 23032]
coverage : 2022-03-18 / 2022-03-24
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.173 e
created : 2023-08-21T16:27:41

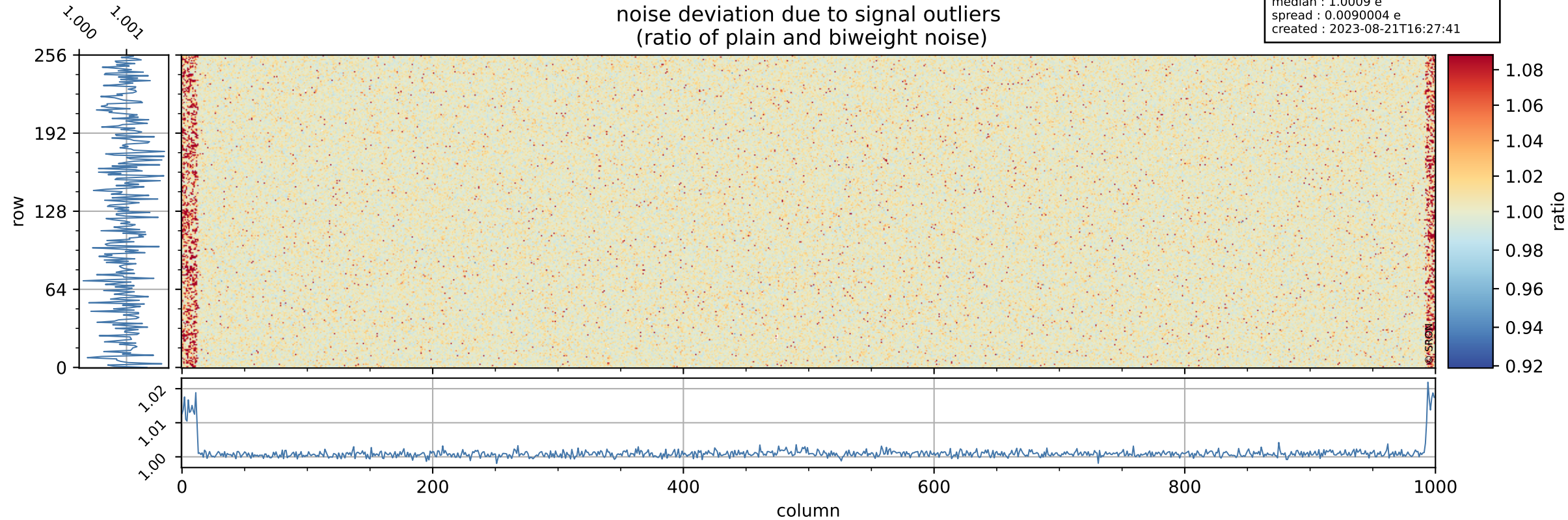
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

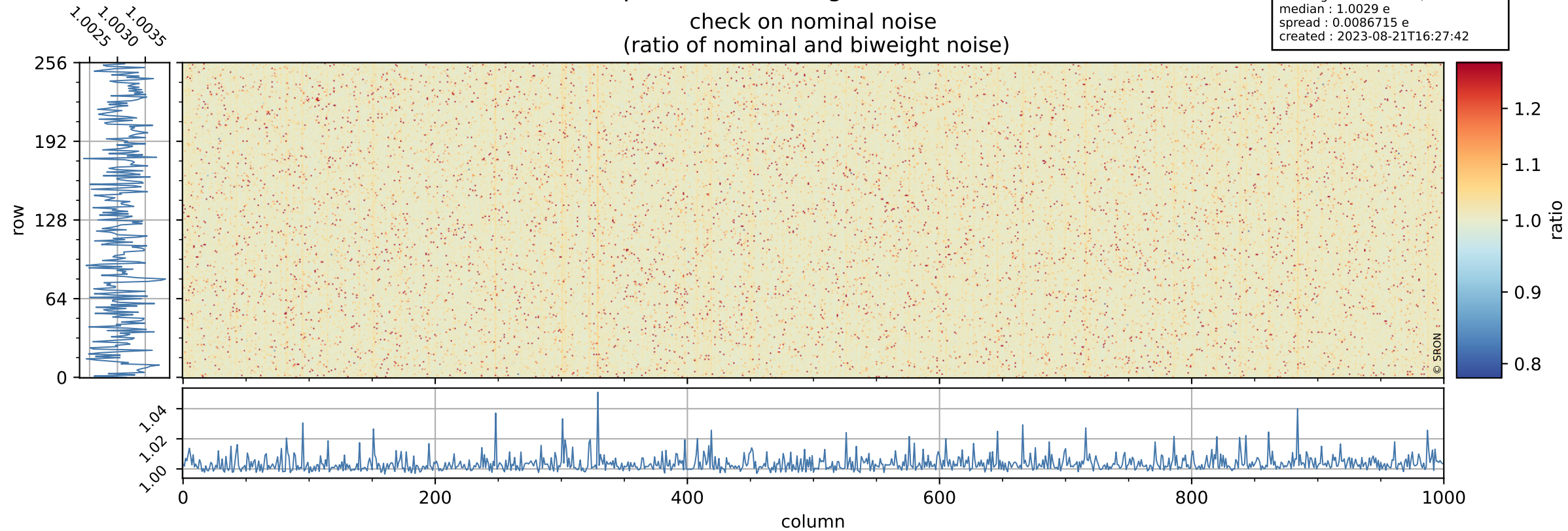
orbits : 13 in [22942, 23032]
coverage : 2022-03-18 / 2022-03-24
median : 1.0009 e
spread : 0.0090004 e
created : 2023-08-21T16:27:41



Tropomi SWIR background noise (swir)

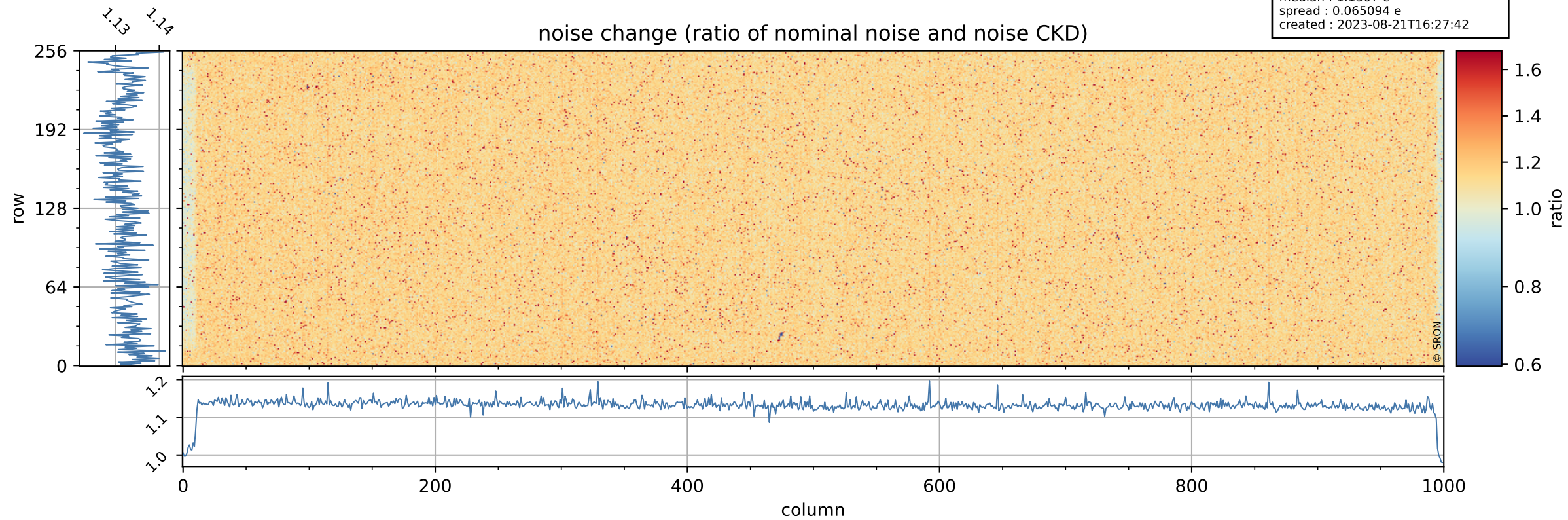
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [22942, 23032]
coverage : 2022-03-18 / 2022-03-24
median : 1.0029 e
spread : 0.0086715 e
created : 2023-08-21T16:27:42



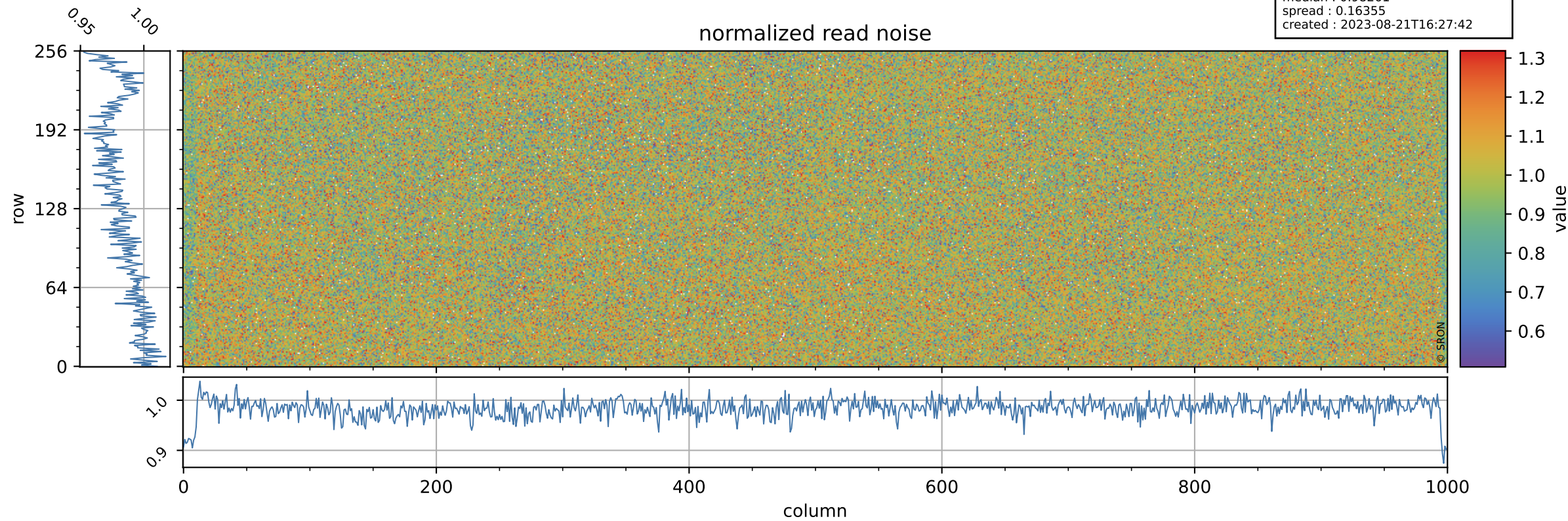
Tropomi SWIR background noise (swir)

orbits : 13 in [22942, 23032]
coverage : 2022-03-18 / 2022-03-24
median : 1.1307 e
spread : 0.065094 e
created : 2023-08-21T16:27:42



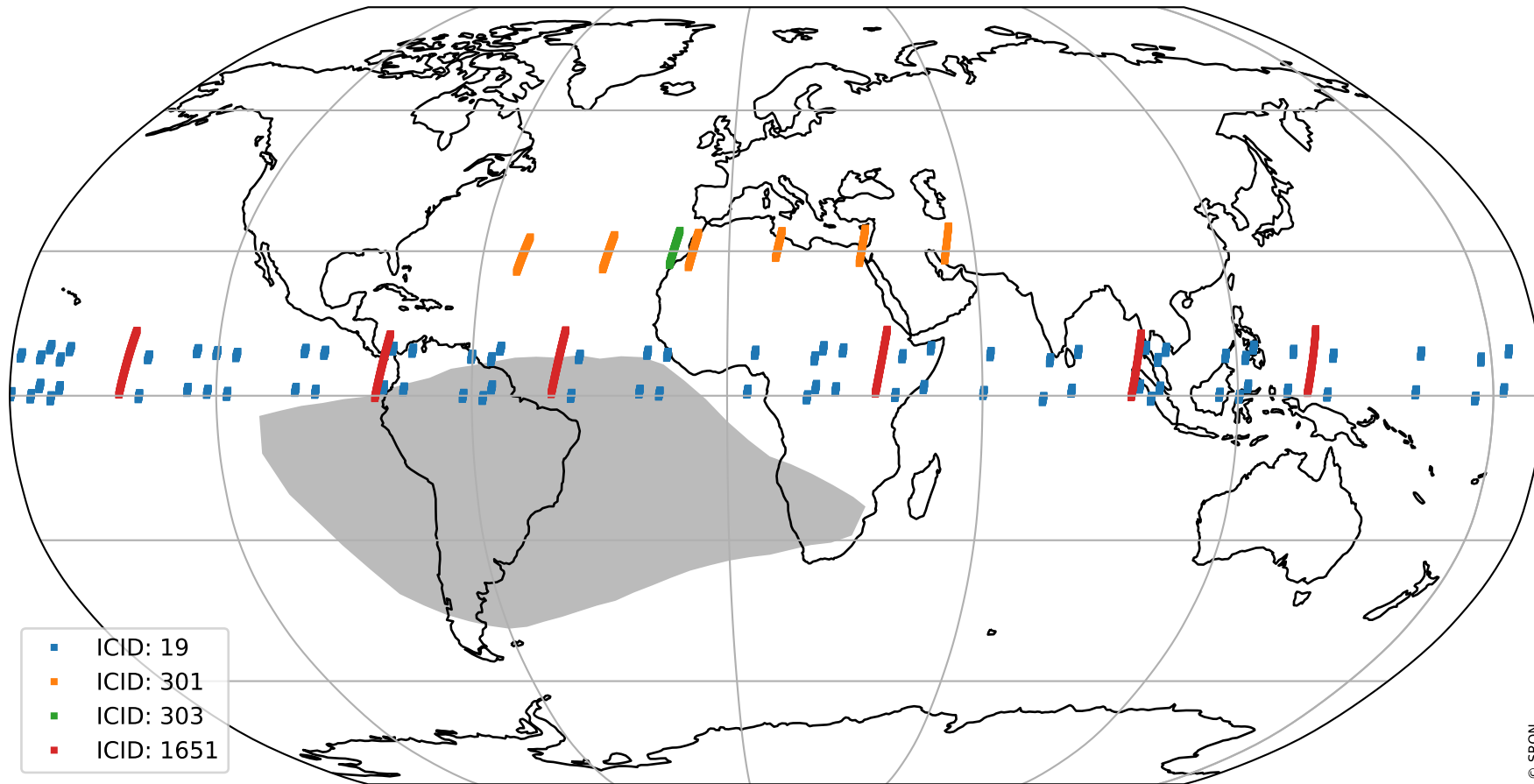
Tropomi SWIR background noise (swir)

orbits : 13 in [22942, 23032]
coverage : 2022-03-18 / 2022-03-24
median : 0.98261
spread : 0.16355
created : 2023-08-21T16:27:42



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

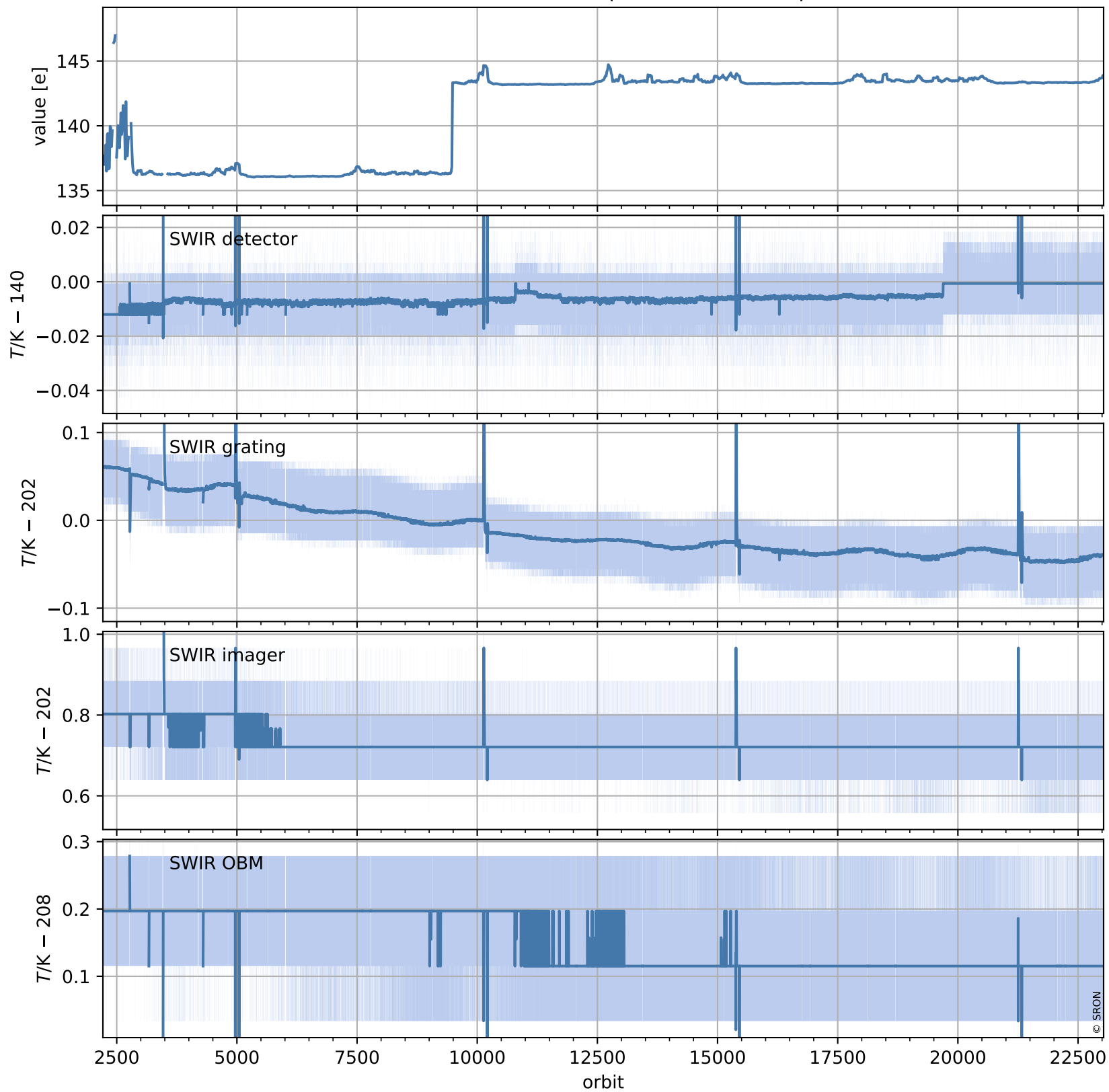
orbits : 13 in [22942, 23032]
coverage : 2022-03-18 / 2022-03-24
created : 2023-08-21T16:27:42



Tropomi SWIR background noise (swir)

orbits : [2212, 23032]
coverage : 2018-03-18 / 2022-03-24
created : 2023-08-21T16:27:43

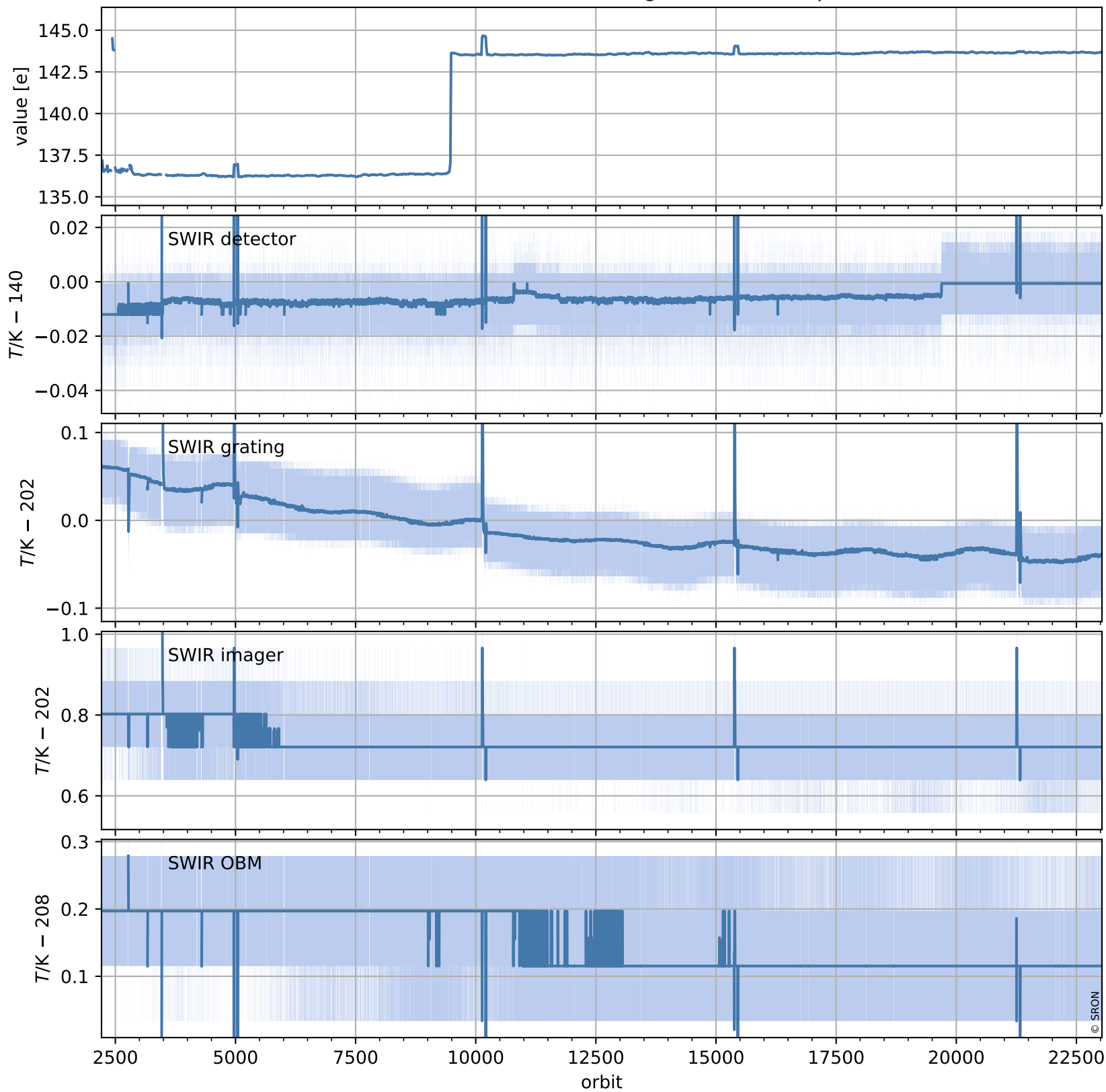
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23032]
coverage : 2018-03-18 / 2022-03-24
created : 2023-08-21T16:27:44

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23032]
coverage : 2018-03-18 / 2022-03-24
created : 2023-08-21T16:27:45

trend of normalized read-noise & temperatures

