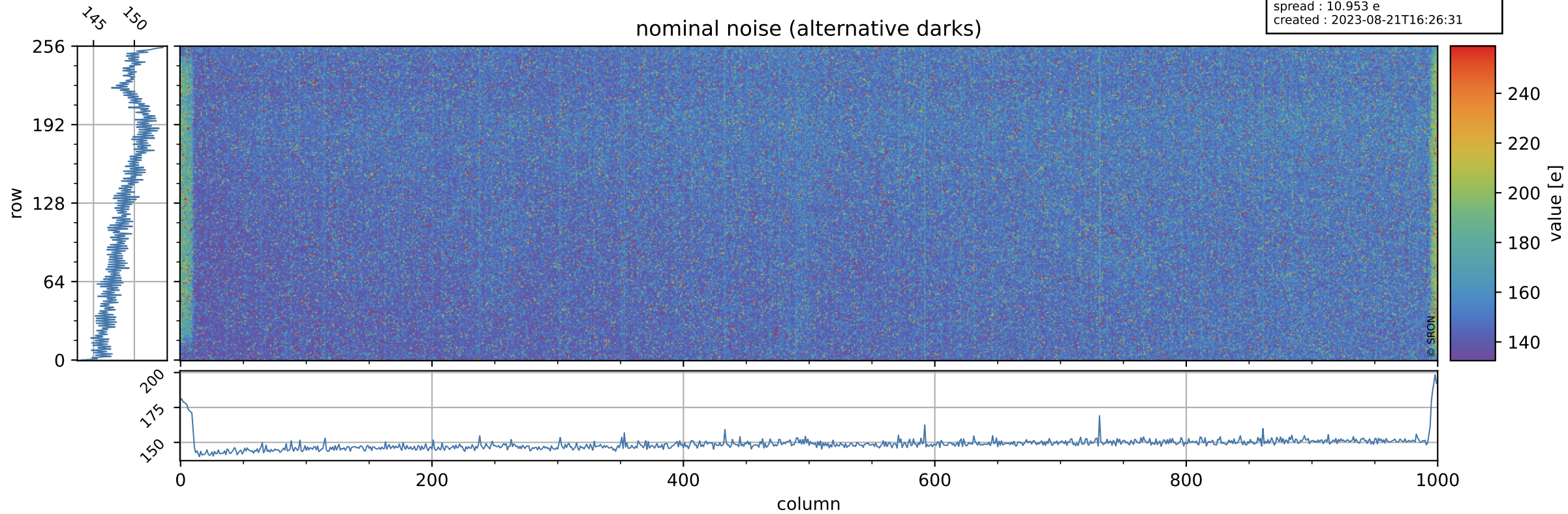


Tropomi SWIR background noise (swir)

orbits : 12 in [22762, 22852]
coverage : 2022-03-06 / 2022-03-11
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.953 e
created : 2023-08-21T16:26:31

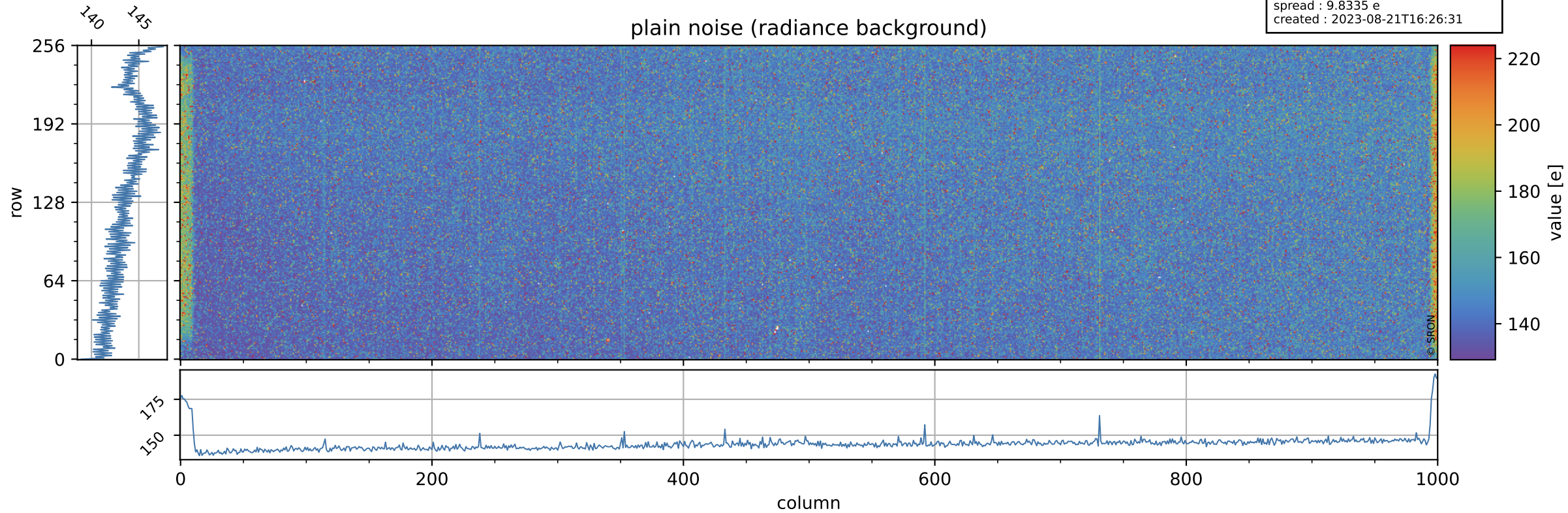
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22762, 22852]
coverage : 2022-03-06 / 2022-03-11
n_coad, t_exp : 1, 0.8383
median : 143.59 e
spread : 9.8335 e
created : 2023-08-21T16:26:31

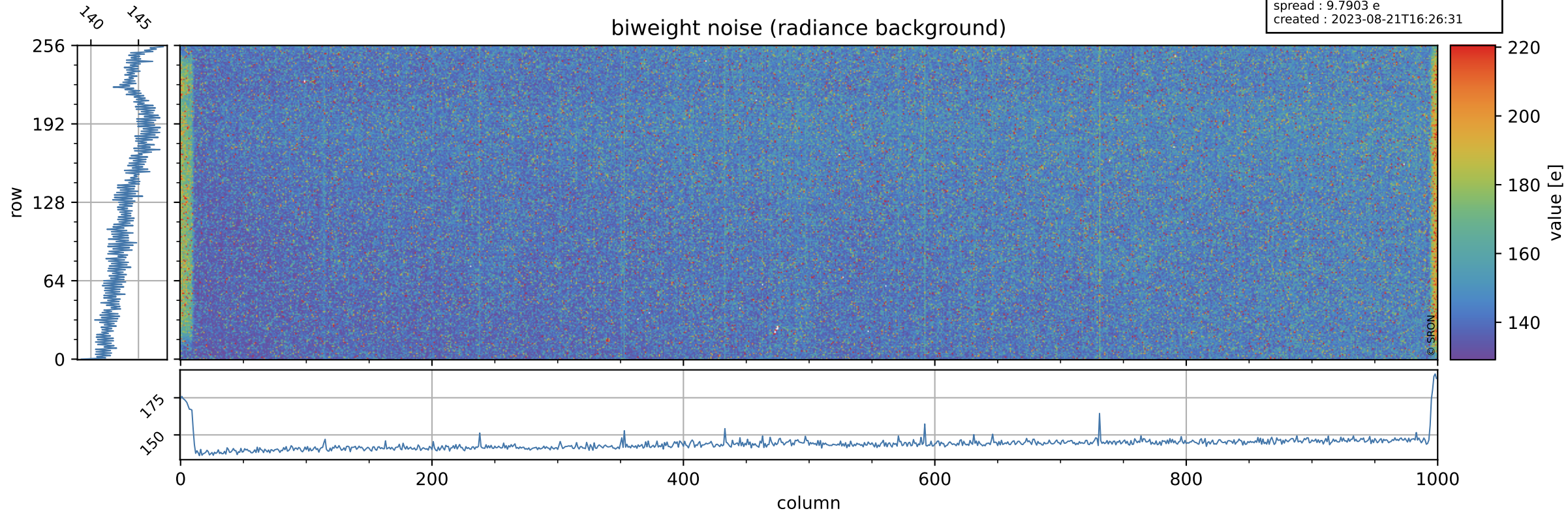
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22762, 22852]
coverage : 2022-03-06 / 2022-03-11
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7903 e
created : 2023-08-21T16:26:31

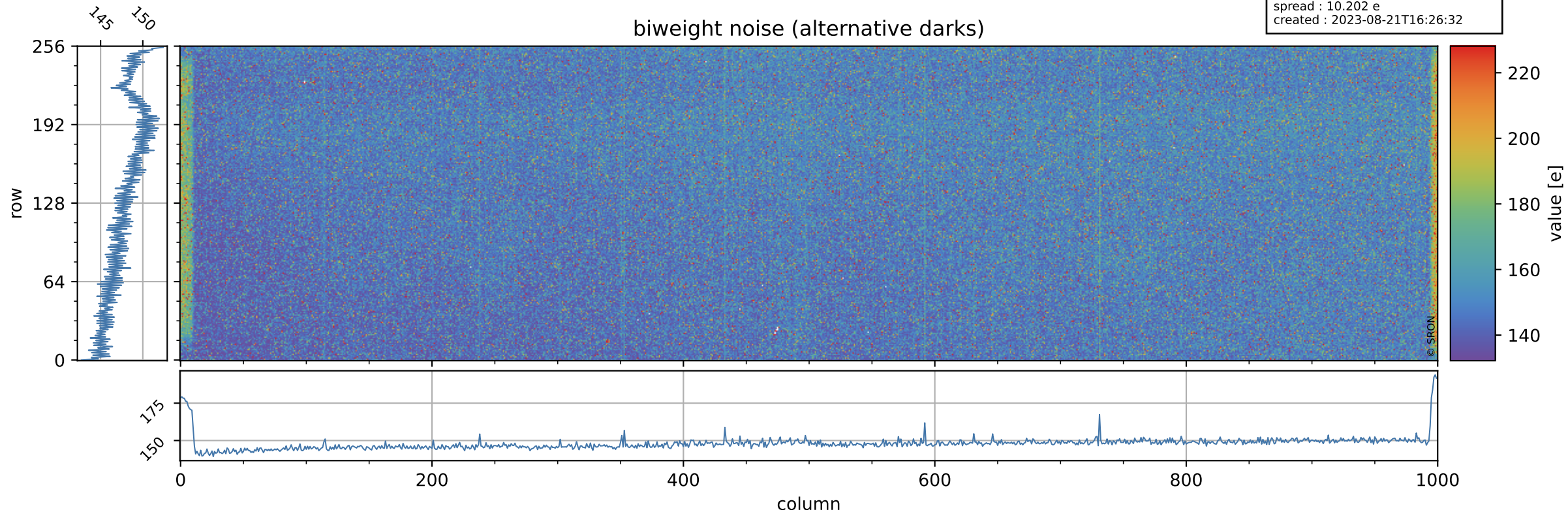
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22762, 22852]
coverage : 2022-03-06 / 2022-03-11
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.202 e
created : 2023-08-21T16:26:32

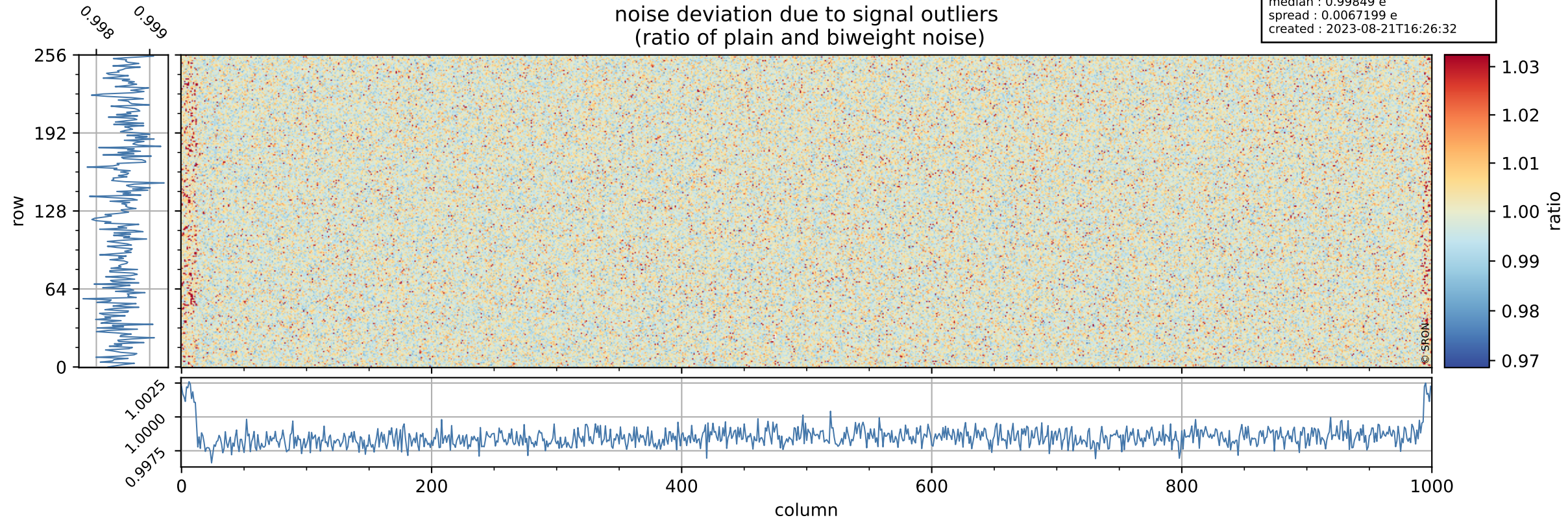
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

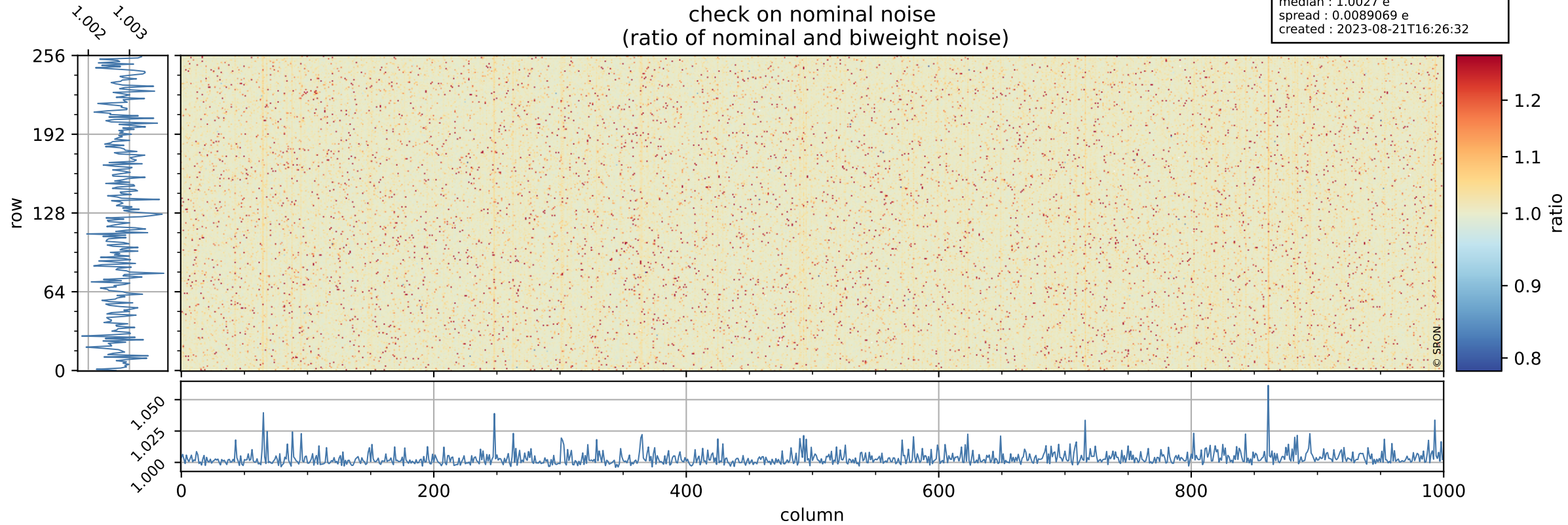
orbits : 12 in [22762, 22852]
coverage : 2022-03-06 / 2022-03-11
median : 0.99849 e
spread : 0.0067199 e
created : 2023-08-21T16:26:32



Tropomi SWIR background noise (swir)

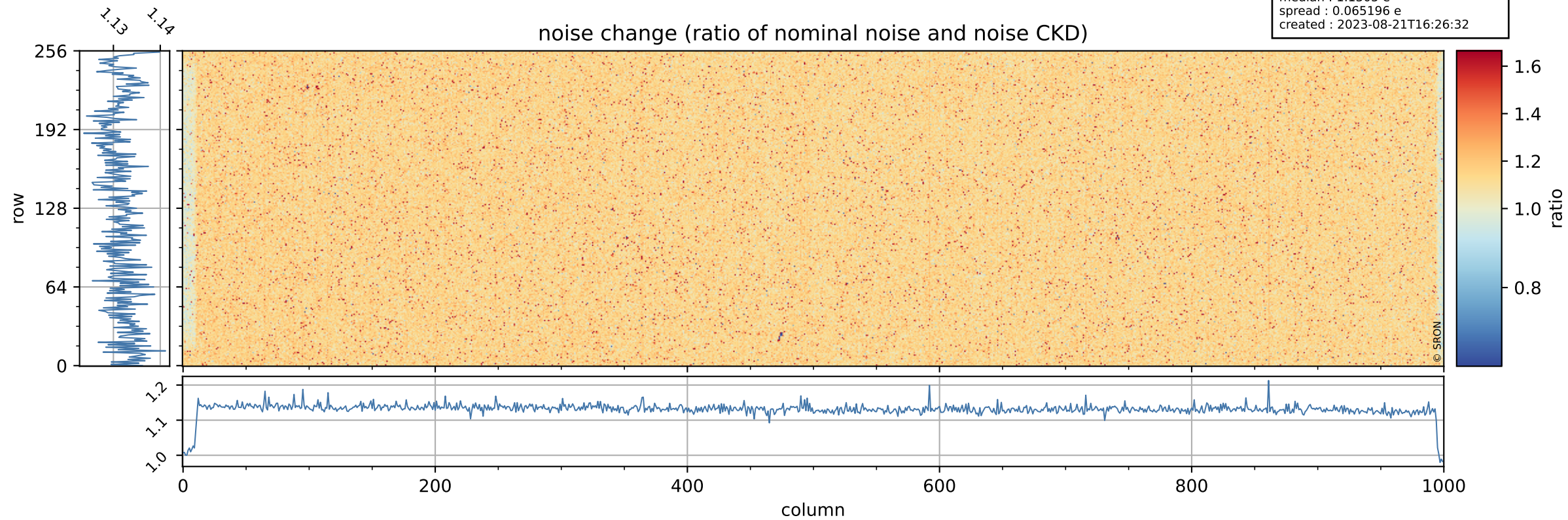
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22762, 22852]
coverage : 2022-03-06 / 2022-03-11
median : 1.0027 e
spread : 0.0089069 e
created : 2023-08-21T16:26:32



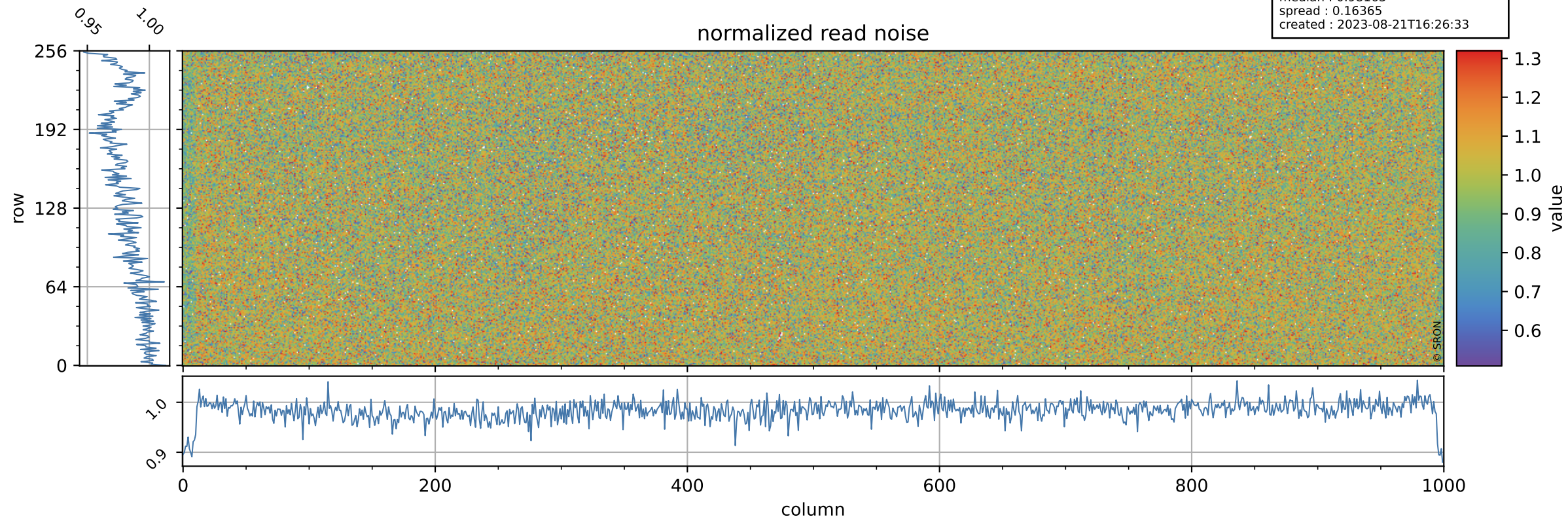
Tropomi SWIR background noise (swir)

orbits : 12 in [22762, 22852]
coverage : 2022-03-06 / 2022-03-11
median : 1.1305 e
spread : 0.065196 e
created : 2023-08-21T16:26:32



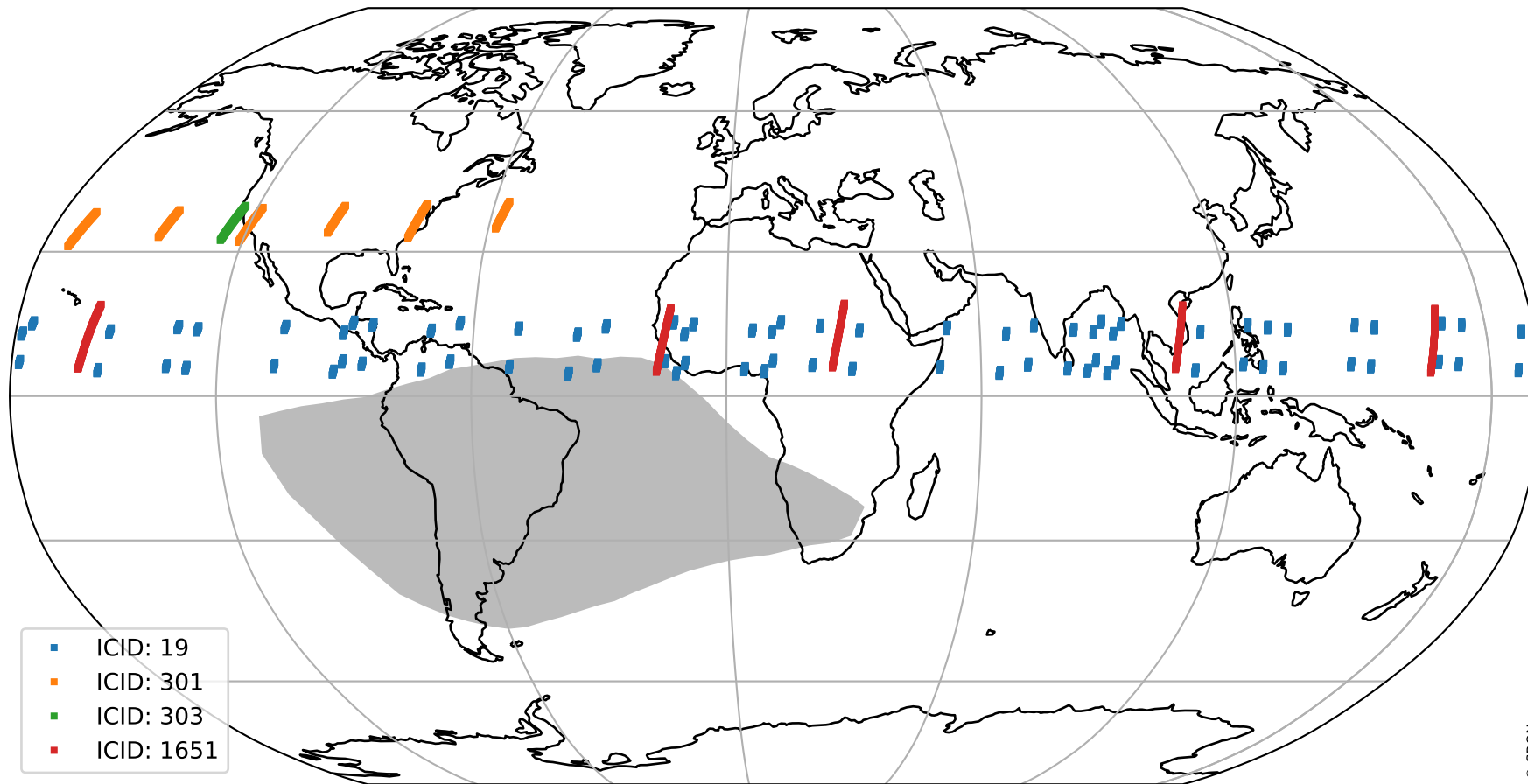
Tropomi SWIR background noise (swir)

orbits : 12 in [22762, 22852]
coverage : 2022-03-06 / 2022-03-11
median : 0.98163
spread : 0.16365
created : 2023-08-21T16:26:33



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

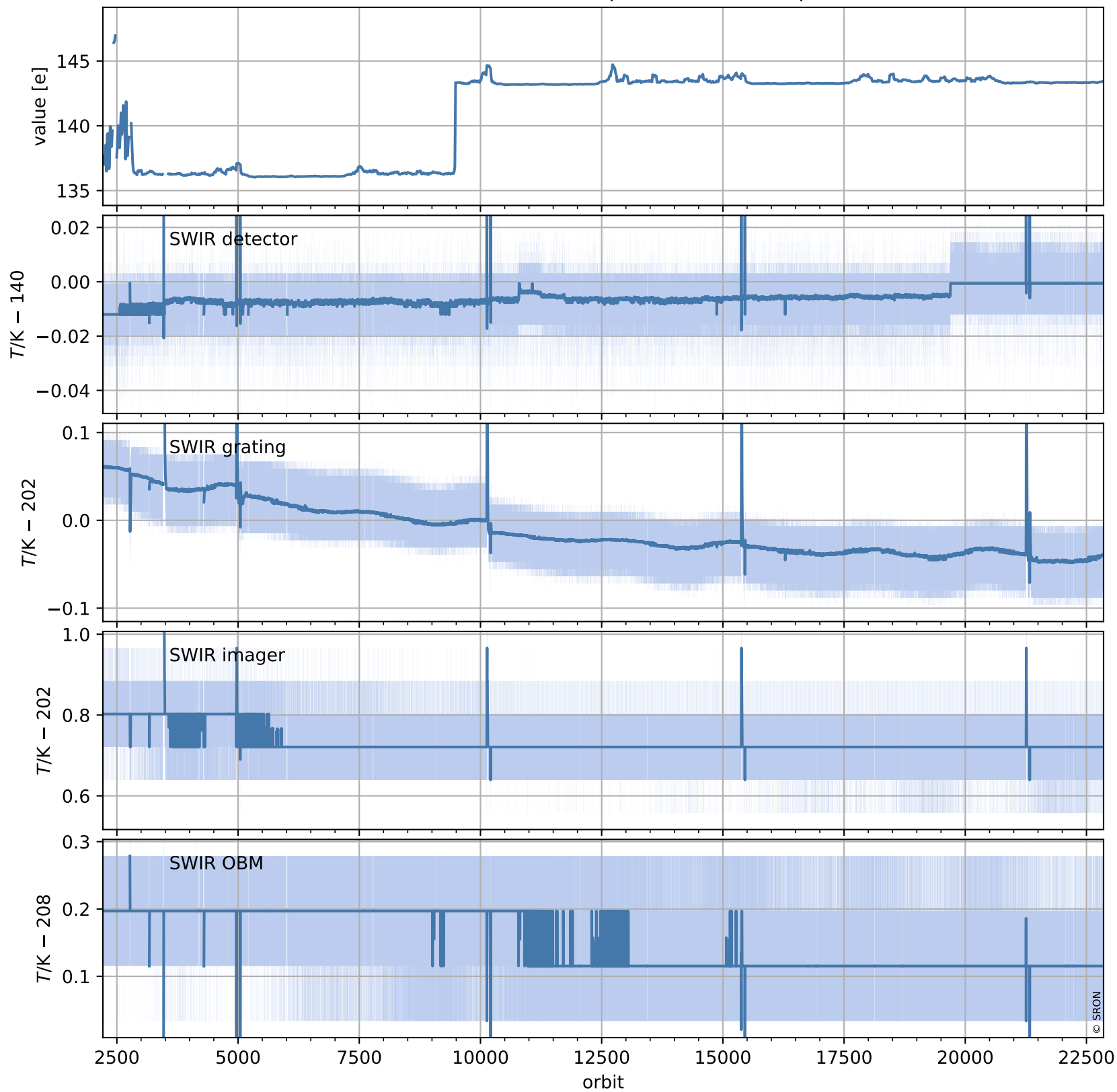
orbits : 12 in [22762, 22852]
coverage : 2022-03-06 / 2022-03-11
created : 2023-08-21T16:26:33



Tropomi SWIR background noise (swir)

orbits : [2212, 22852]
coverage : 2018-03-18 / 2022-03-11
created : 2023-08-21T16:26:33

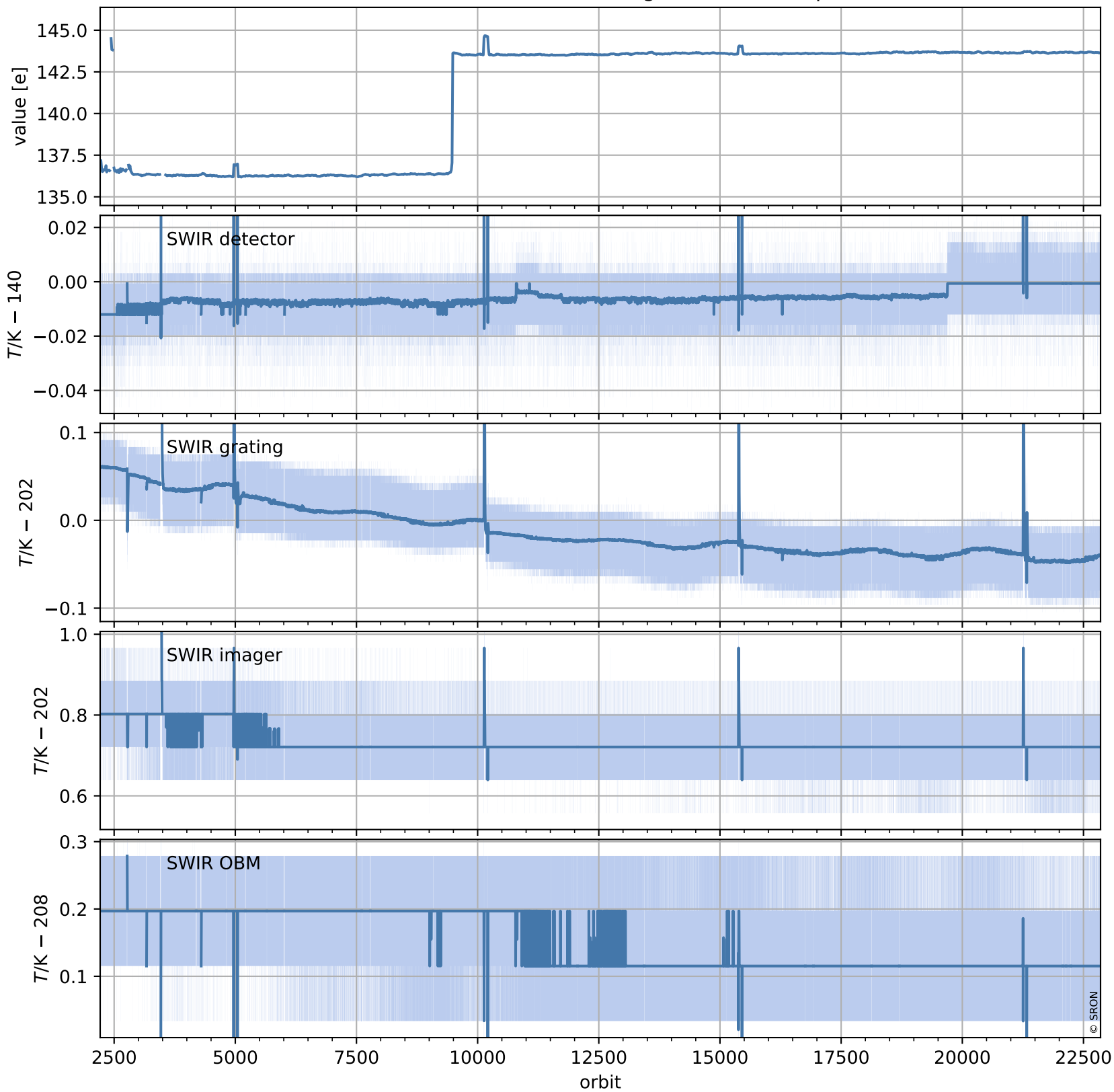
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22852]
coverage : 2018-03-18 / 2022-03-11
created : 2023-08-21T16:26:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22852]
coverage : 2018-03-18 / 2022-03-11
created : 2023-08-21T16:26:35

trend of normalized read-noise & temperatures

