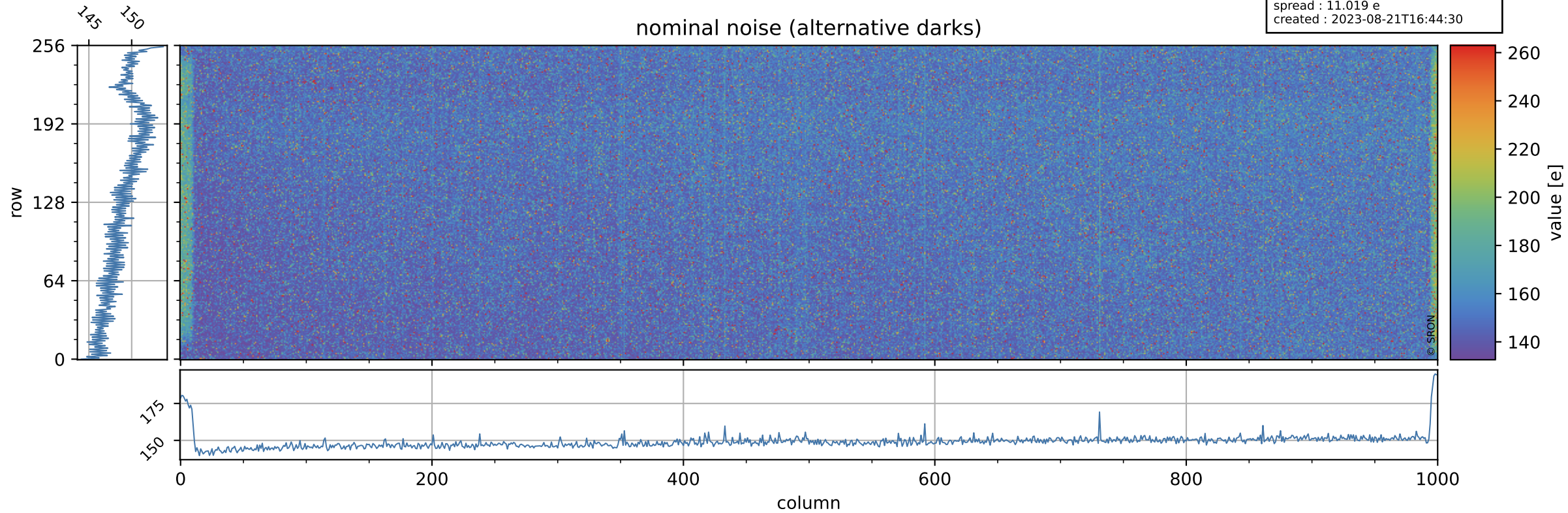


Tropomi SWIR background noise (swir)

orbits : 12 in [25612, 25702]
coverage : 2022-09-23 / 2022-09-28
n_coad, t_exp : 1, 1.0783
median : 148.87 e
spread : 11.019 e
created : 2023-08-21T16:44:30

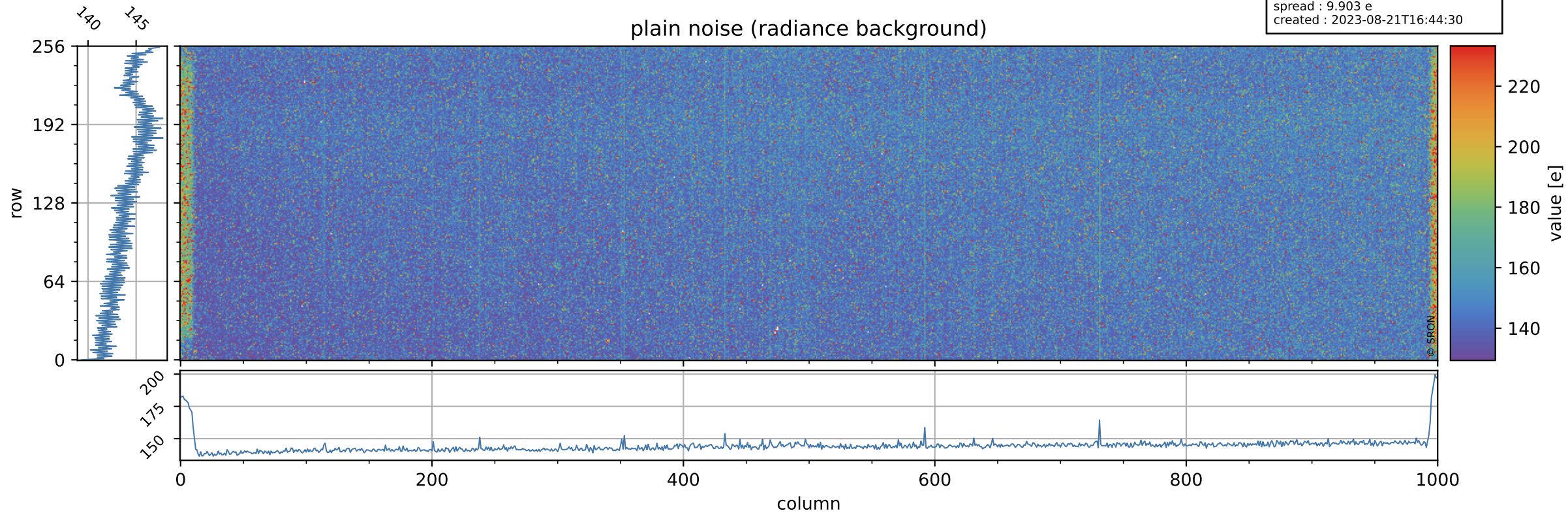
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25612, 25702]
coverage : 2022-09-23 / 2022-09-28
n_coad, t_exp : 1, 0.8383
median : 143.93 e
spread : 9.903 e
created : 2023-08-21T16:44:30

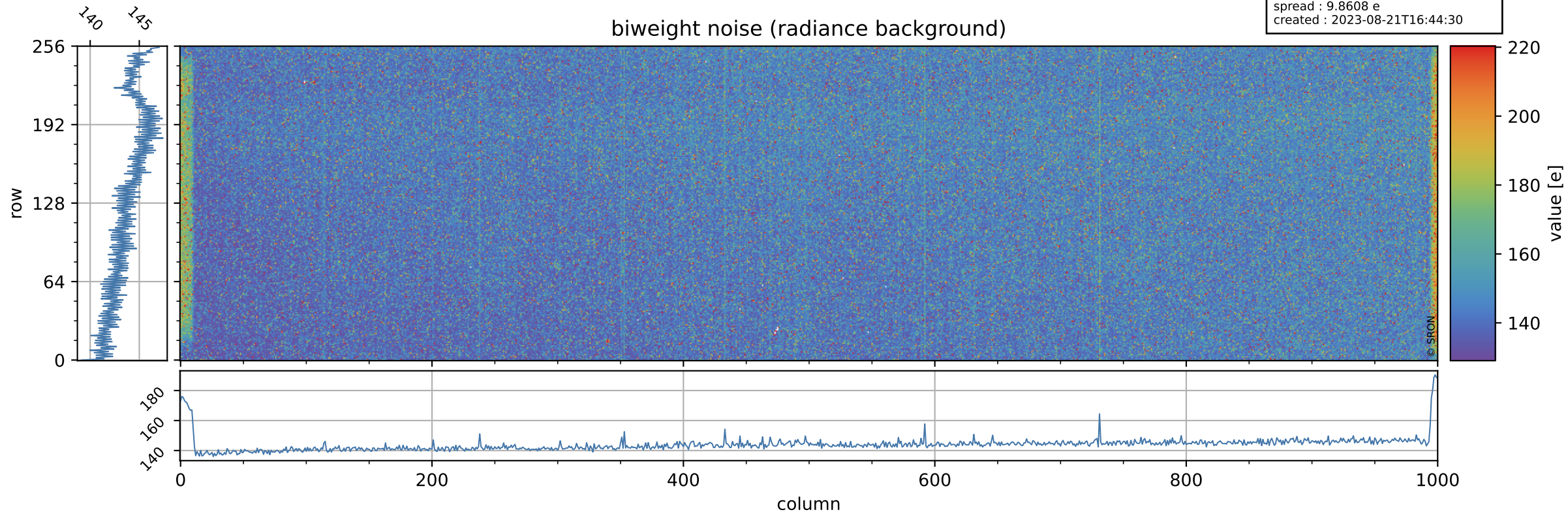
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25612, 25702]
coverage : 2022-09-23 / 2022-09-28
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.8608 e
created : 2023-08-21T16:44:30

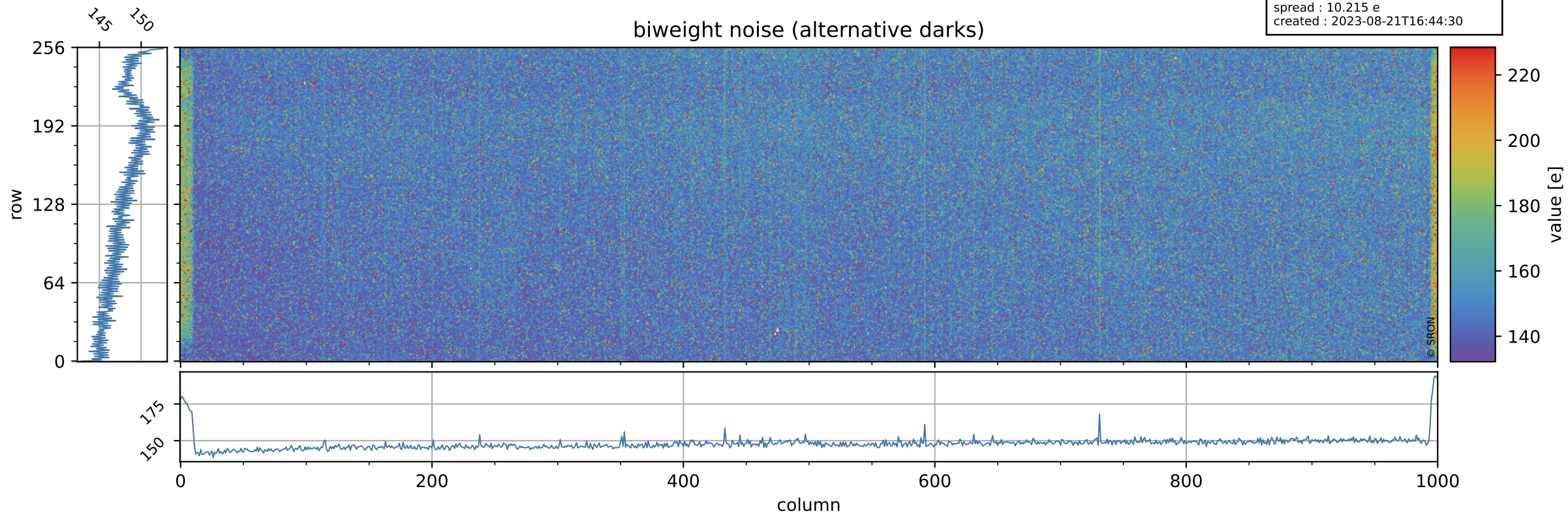
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25612, 25702]
coverage : 2022-09-23 / 2022-09-28
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.215 e
created : 2023-08-21T16:44:30

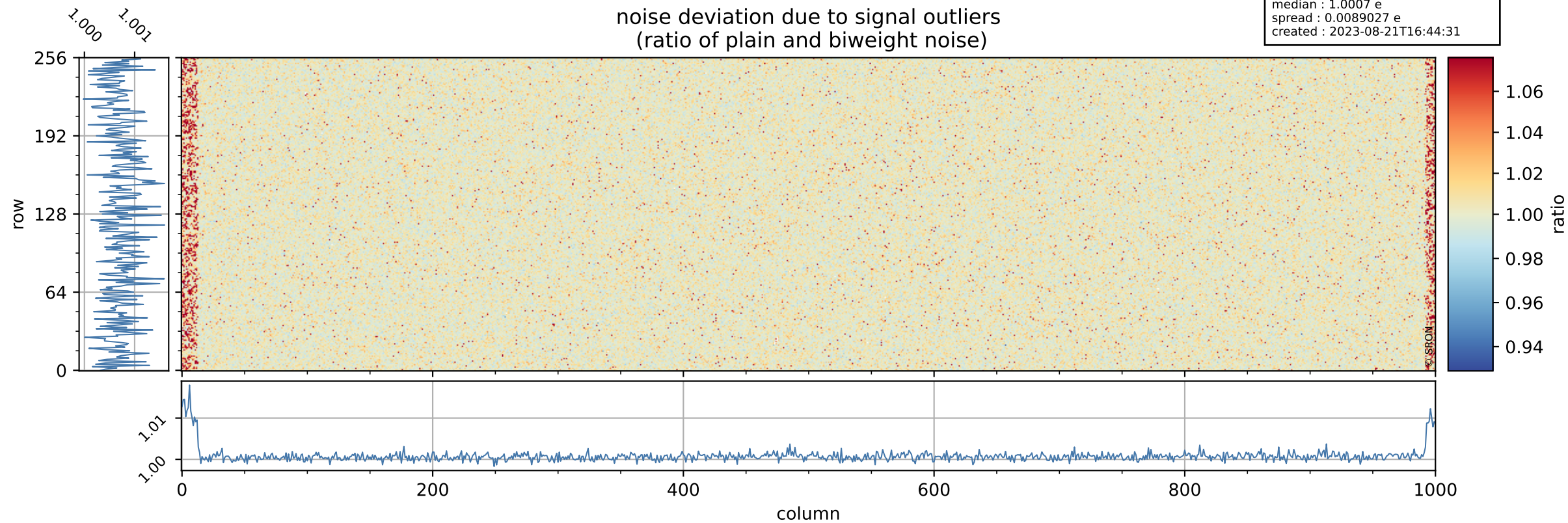
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

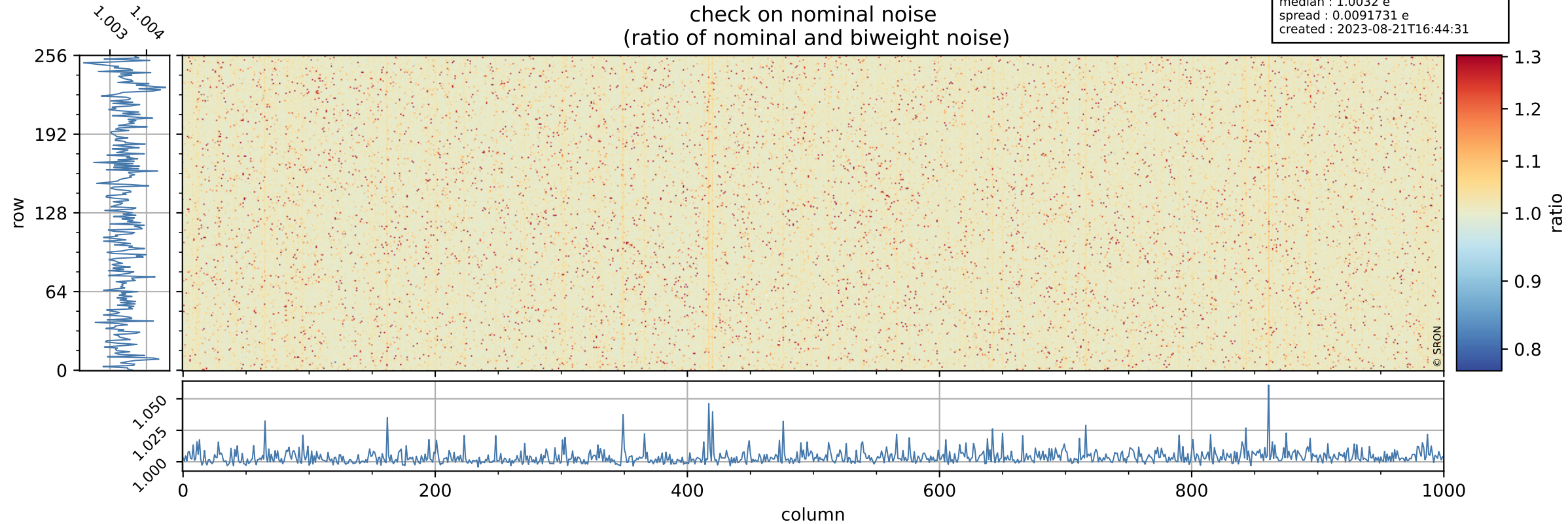
orbits : 12 in [25612, 25702]
coverage : 2022-09-23 / 2022-09-28
median : 1.0007 e
spread : 0.0089027 e
created : 2023-08-21T16:44:31



Tropomi SWIR background noise (swir)

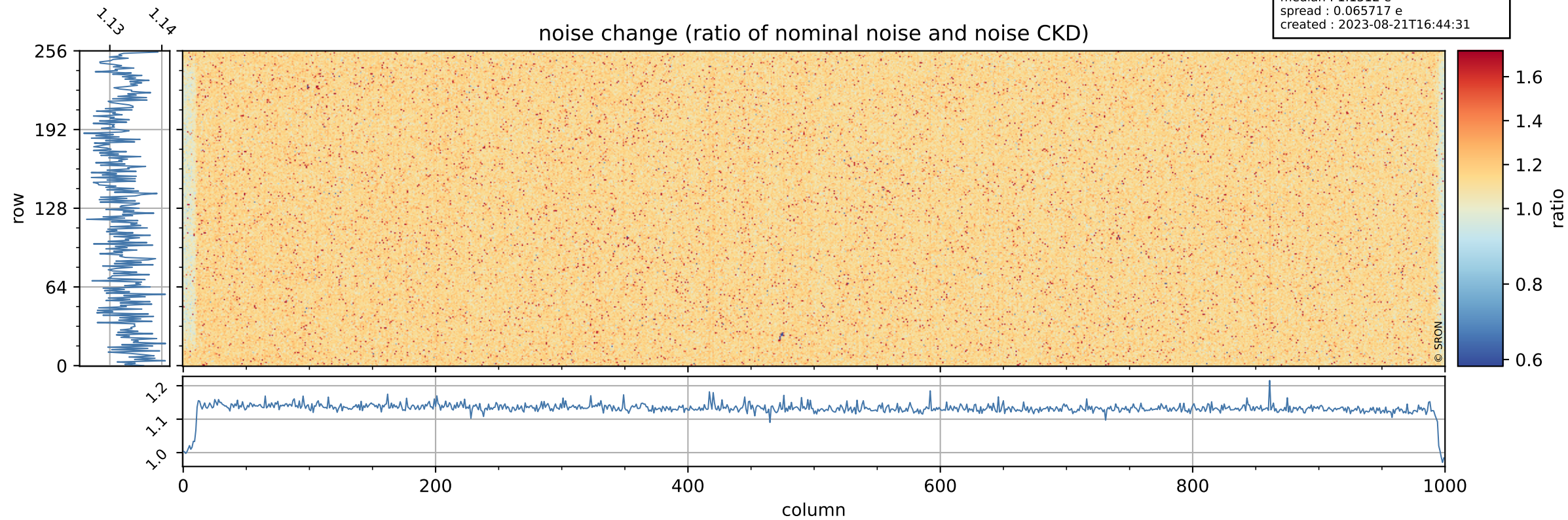
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25612, 25702]
coverage : 2022-09-23 / 2022-09-28
median : 1.0032 e
spread : 0.0091731 e
created : 2023-08-21T16:44:31



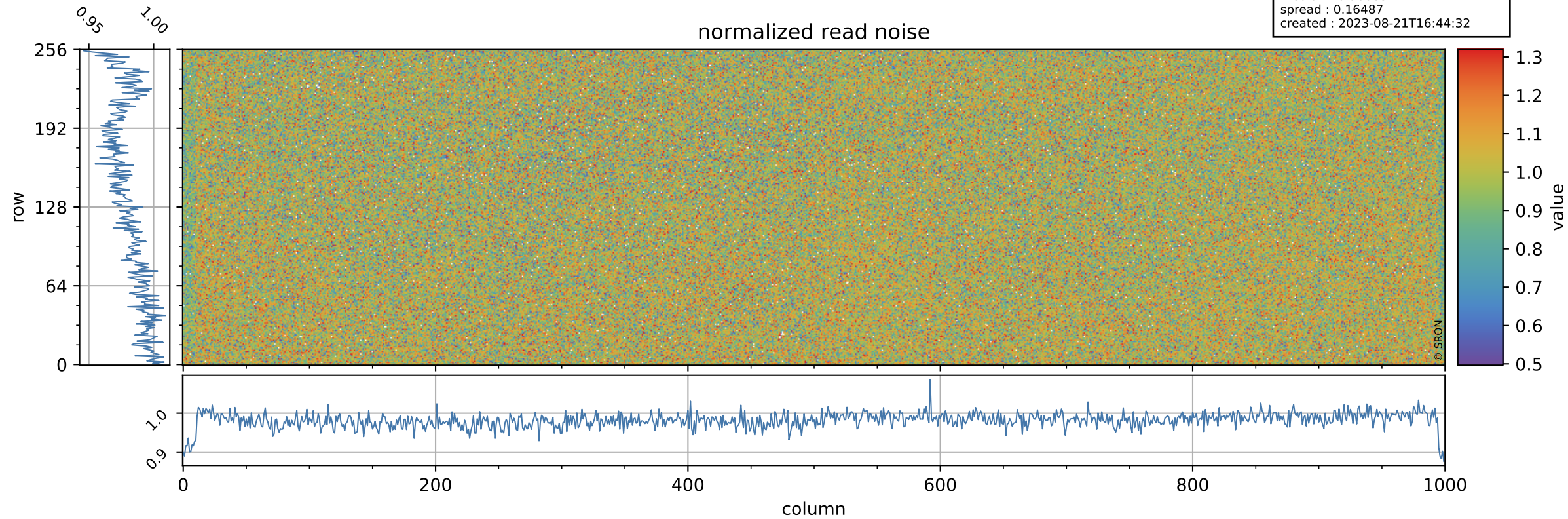
Tropomi SWIR background noise (swir)

orbits : 12 in [25612, 25702]
coverage : 2022-09-23 / 2022-09-28
median : 1.1312 e
spread : 0.065717 e
created : 2023-08-21T16:44:31



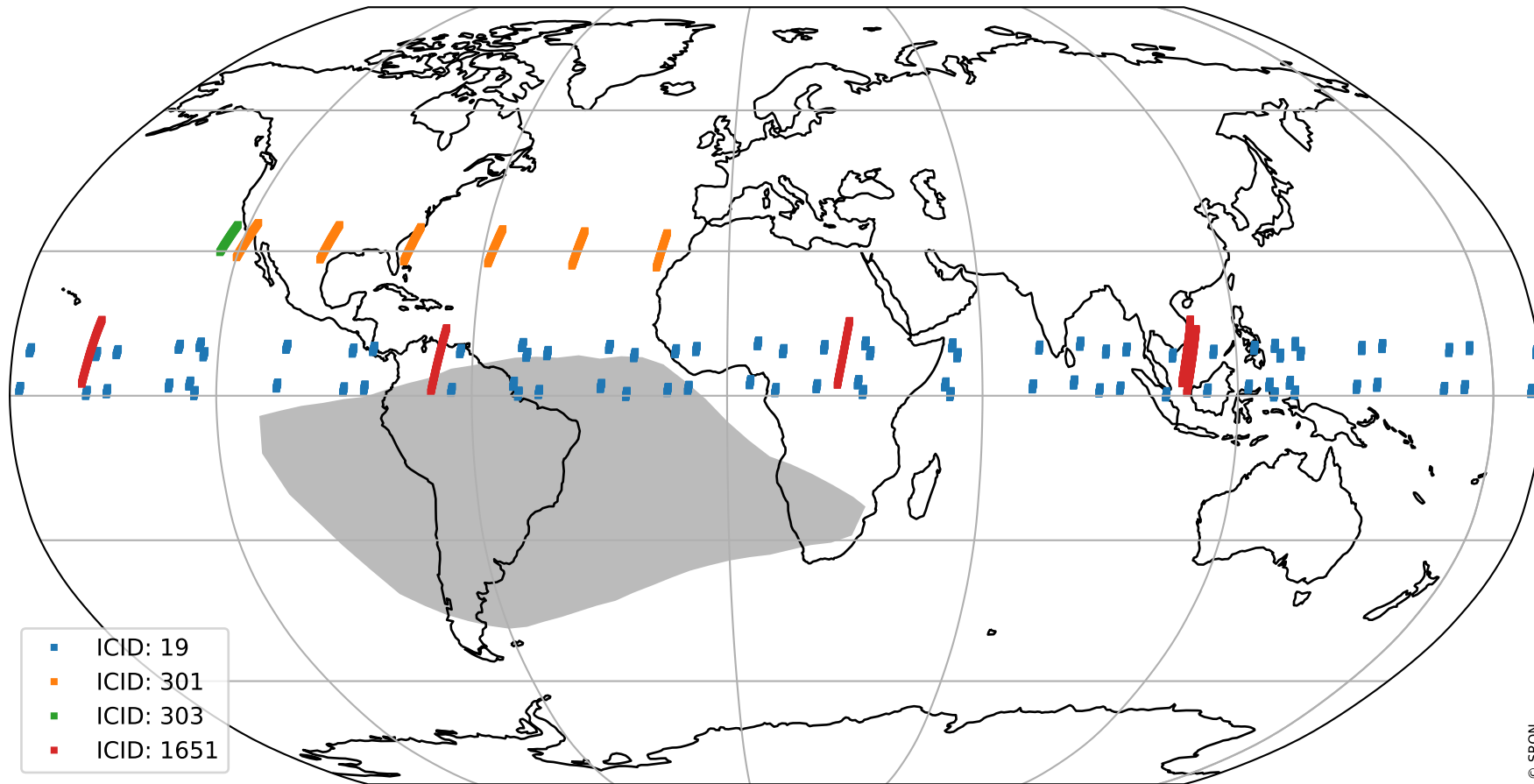
Tropomi SWIR background noise (swir)

orbits : 12 in [25612, 25702]
coverage : 2022-09-23 / 2022-09-28
median : 0.98063
spread : 0.16487
created : 2023-08-21T16:44:32



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

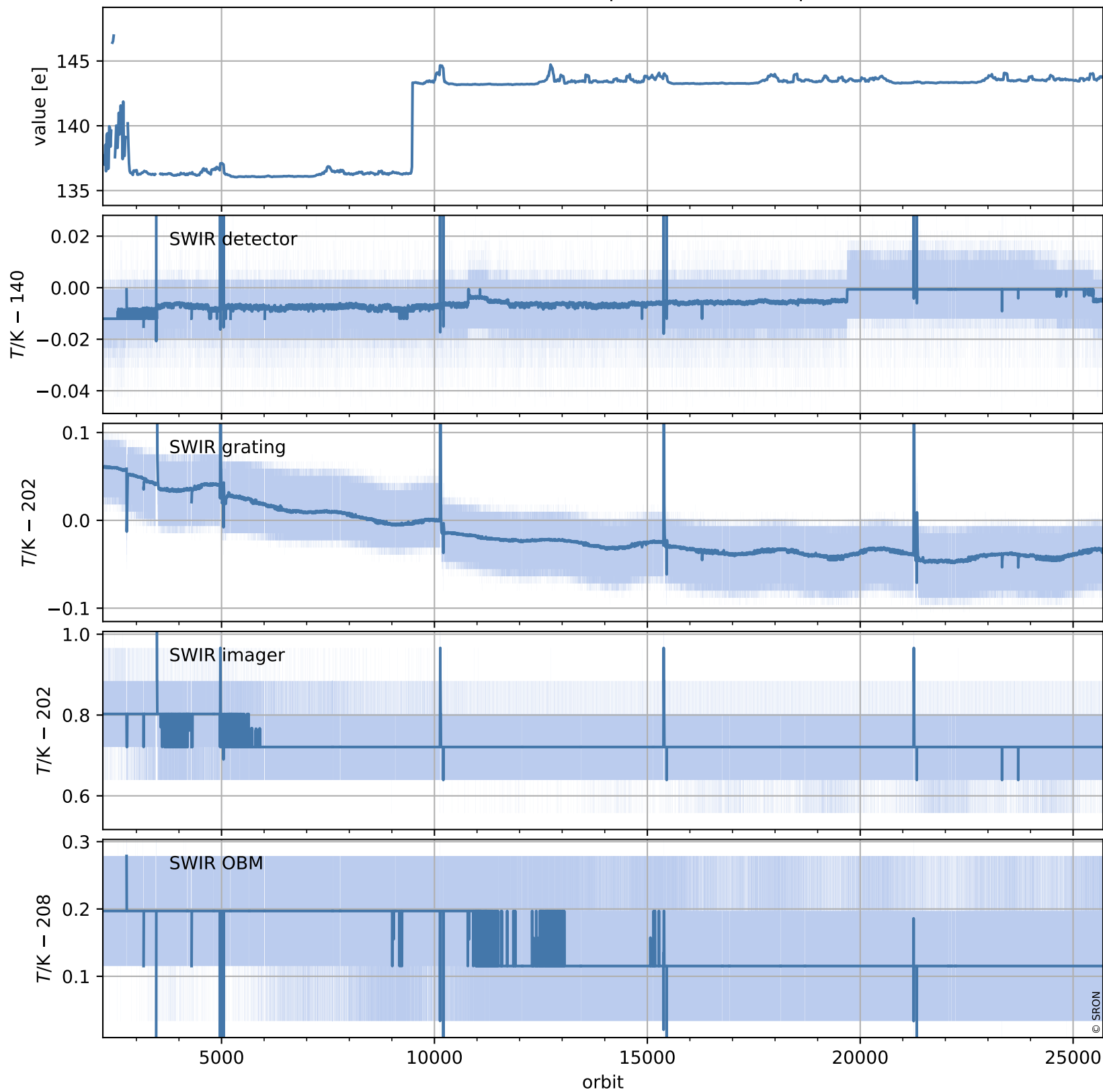
orbits : 12 in [25612, 25702]
coverage : 2022-09-23 / 2022-09-28
created : 2023-08-21T16:44:32



Tropomi SWIR background noise (swir)

orbits : [2212, 25702]
coverage : 2018-03-18 / 2022-09-28
created : 2023-08-21T16:44:32

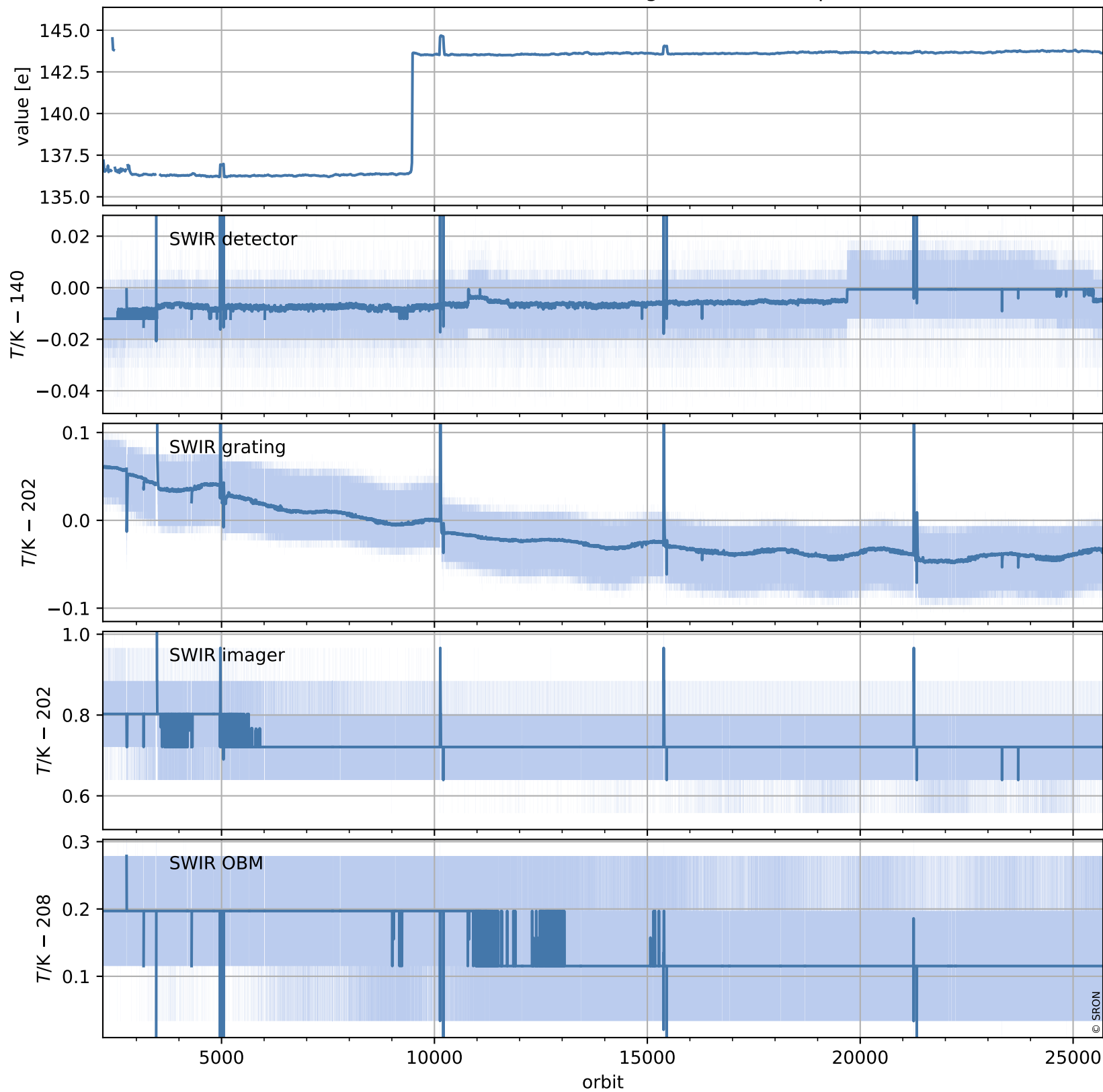
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25702]
coverage : 2018-03-18 / 2022-09-28
created : 2023-08-21T16:44:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25702]
coverage : 2018-03-18 / 2022-09-28
created : 2023-08-21T16:44:34

trend of normalized read-noise & temperatures

