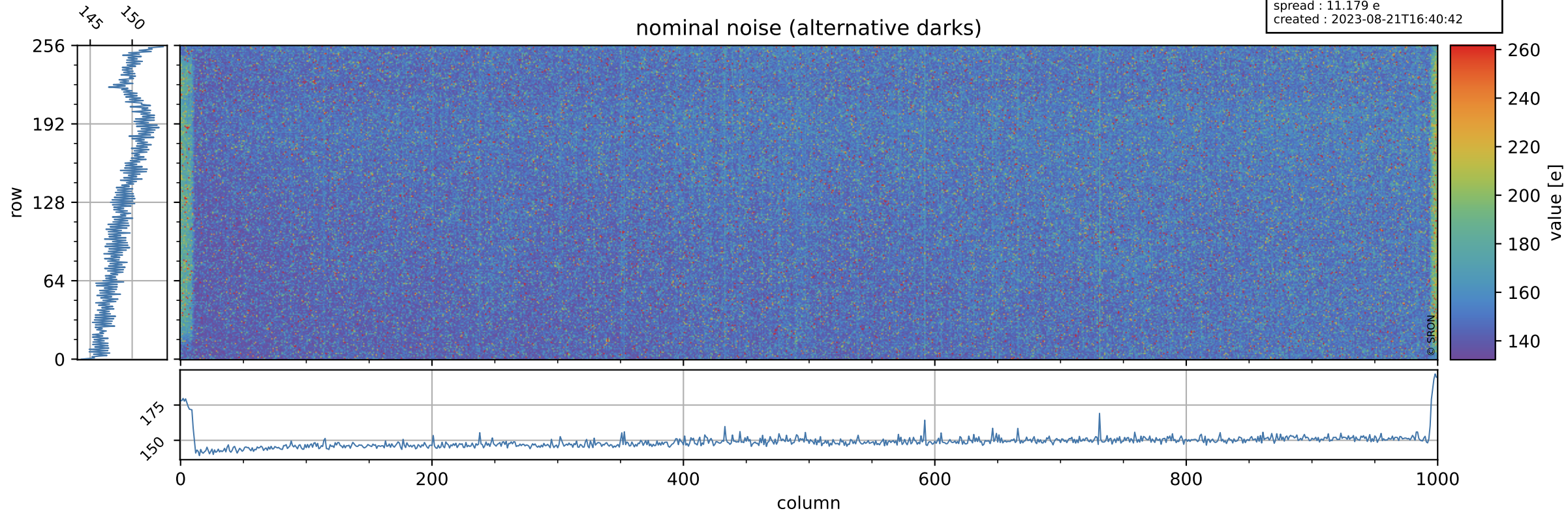


Tropomi SWIR background noise (swir)

orbits : 12 in [24982, 25072]
coverage : 2022-08-09 / 2022-08-15
n_coad, t_exp : 1, 1.0783
median : 148.91 e
spread : 11.179 e
created : 2023-08-21T16:40:42

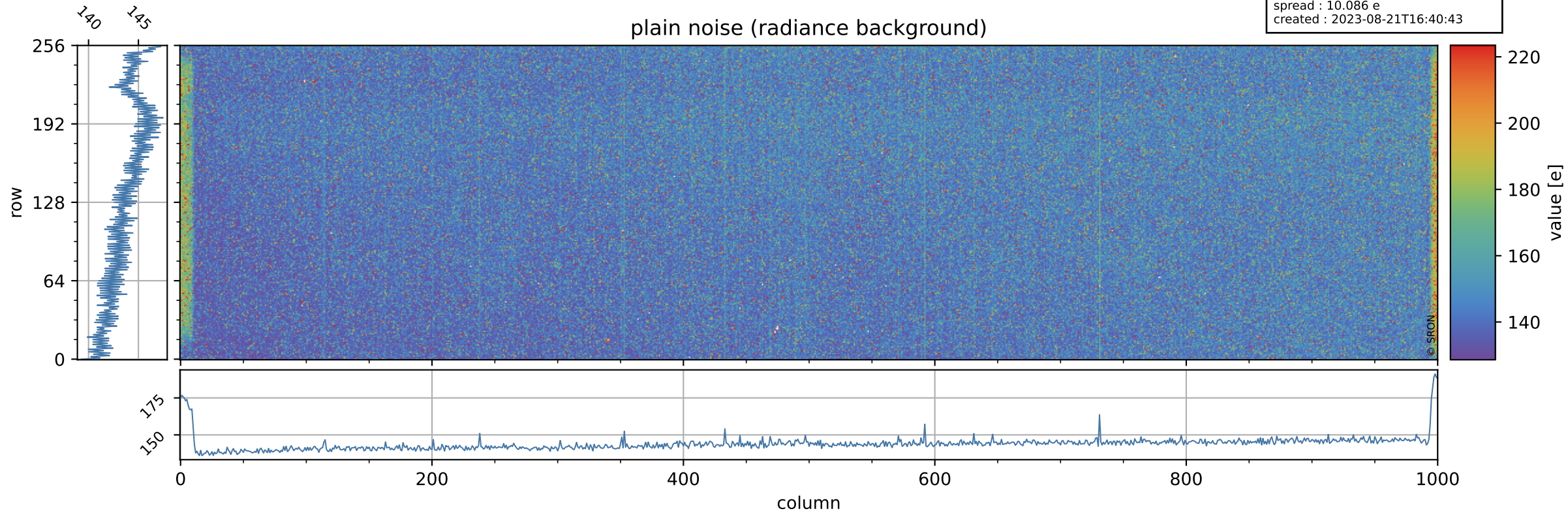
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24982, 25072]
coverage : 2022-08-09 / 2022-08-15
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 10.086 e
created : 2023-08-21T16:40:43

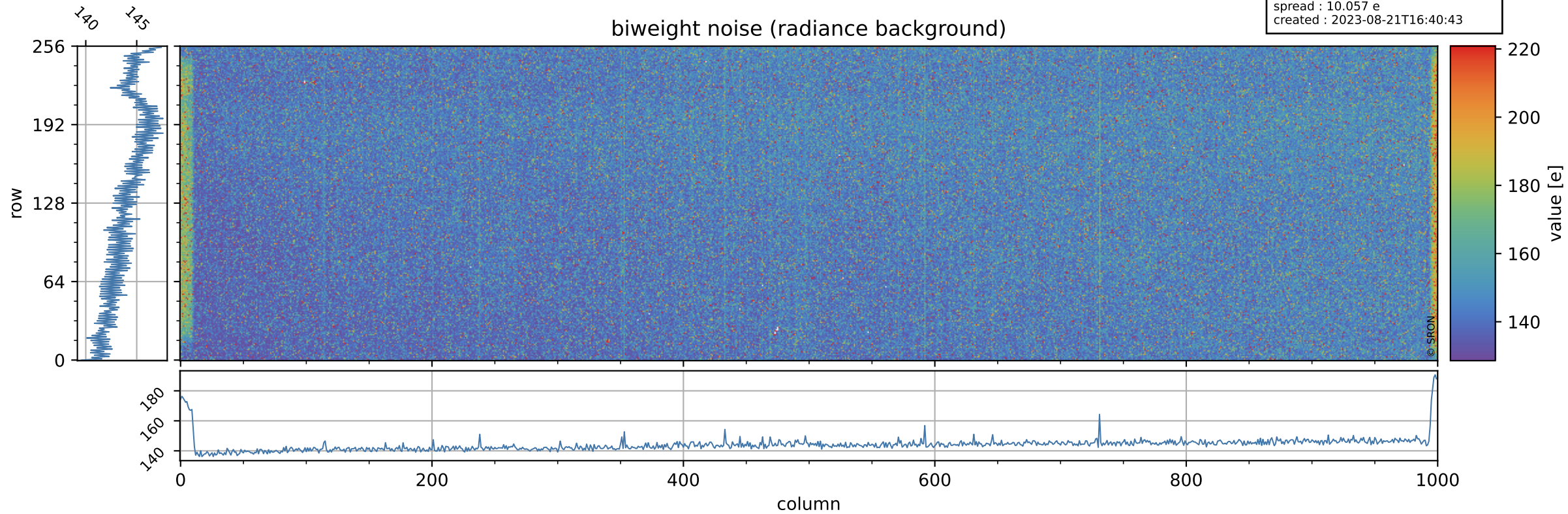
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24982, 25072]
coverage : 2022-08-09 / 2022-08-15
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 10.057 e
created : 2023-08-21T16:40:43

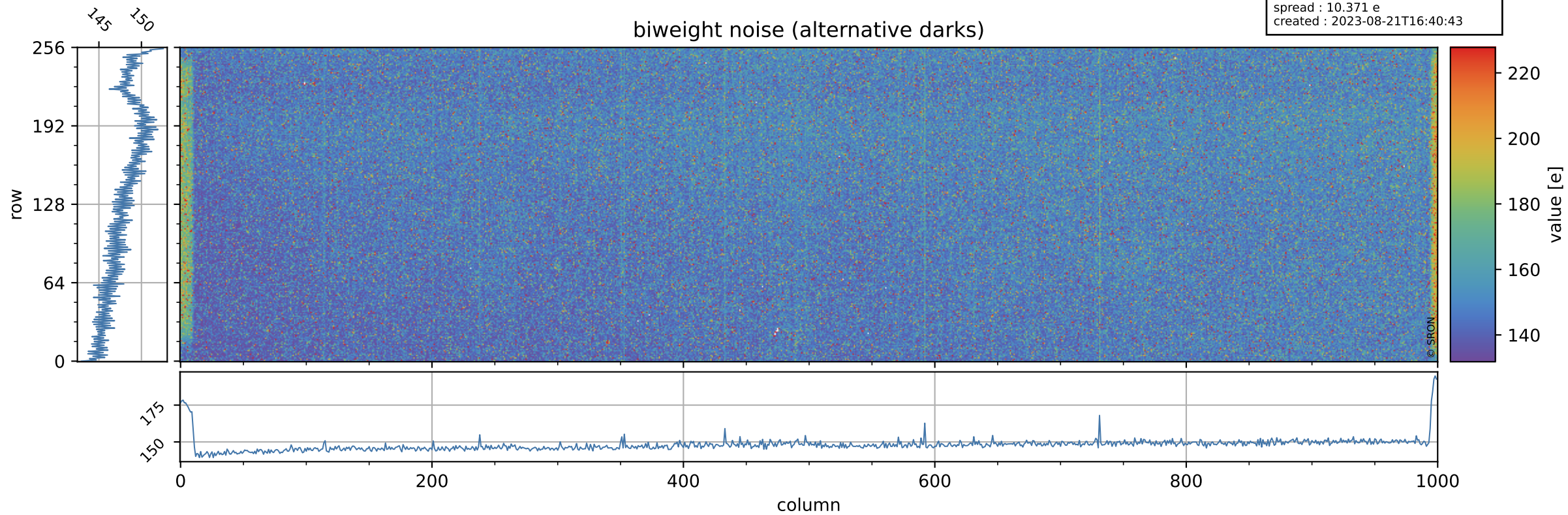
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24982, 25072]
coverage : 2022-08-09 / 2022-08-15
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.371 e
created : 2023-08-21T16:40:43

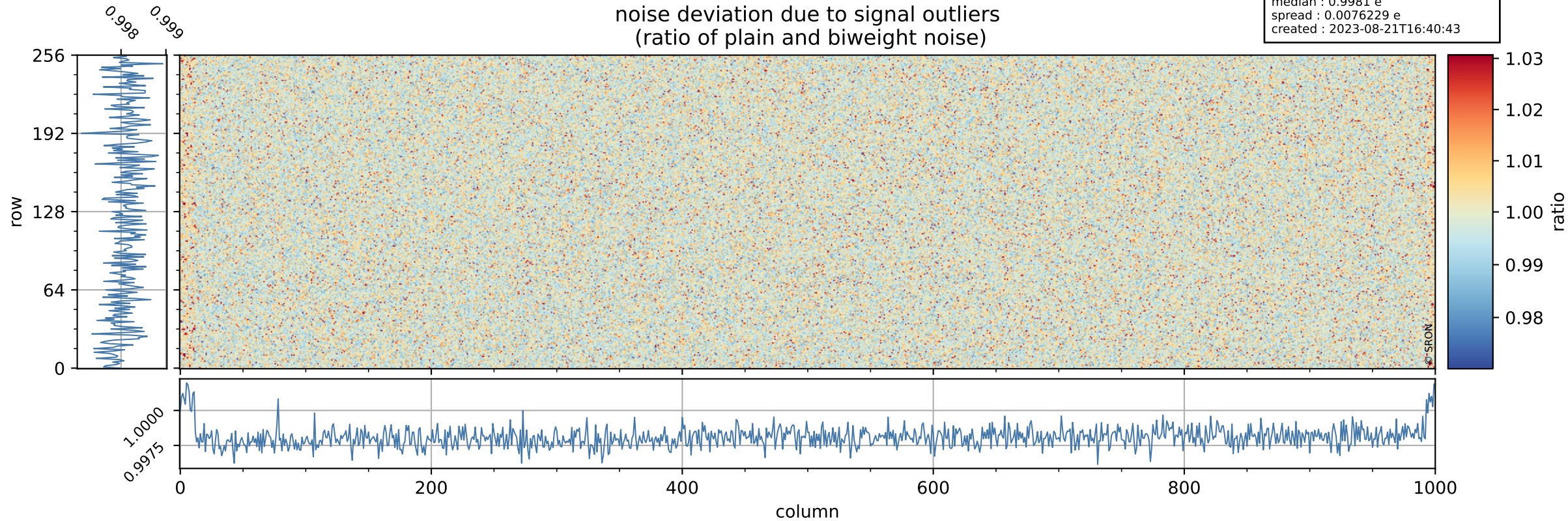
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

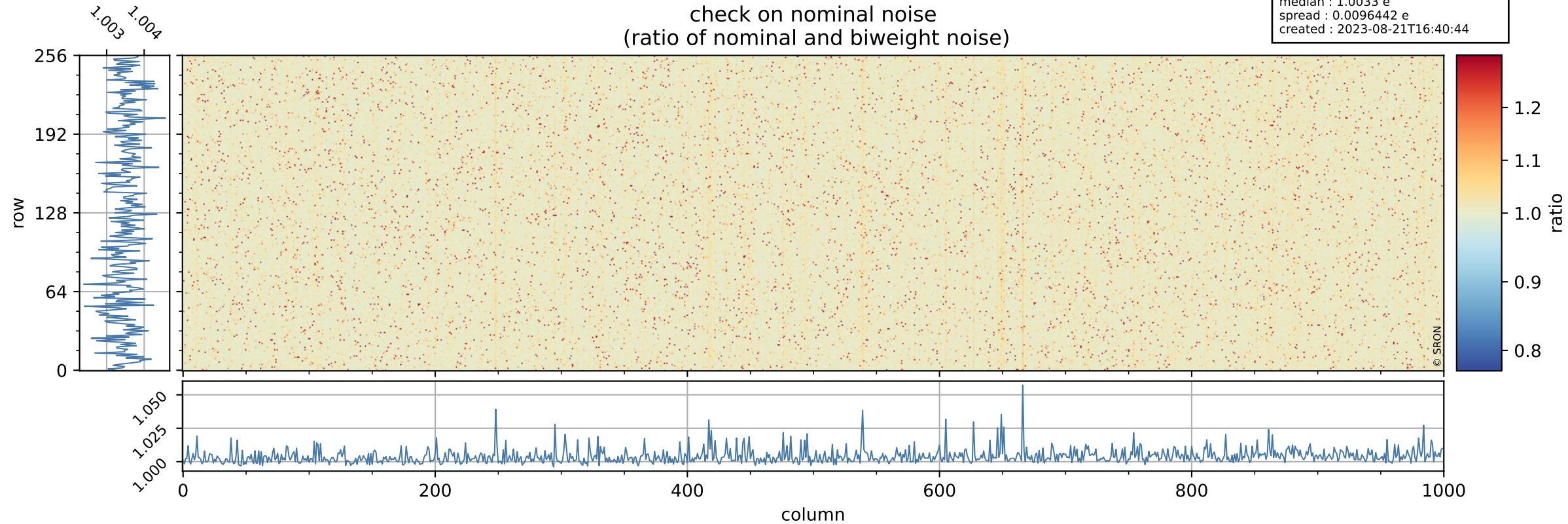
orbits : 12 in [24982, 25072]
coverage : 2022-08-09 / 2022-08-15
median : 0.9981 e
spread : 0.0076229 e
created : 2023-08-21T16:40:43



Tropomi SWIR background noise (swir)

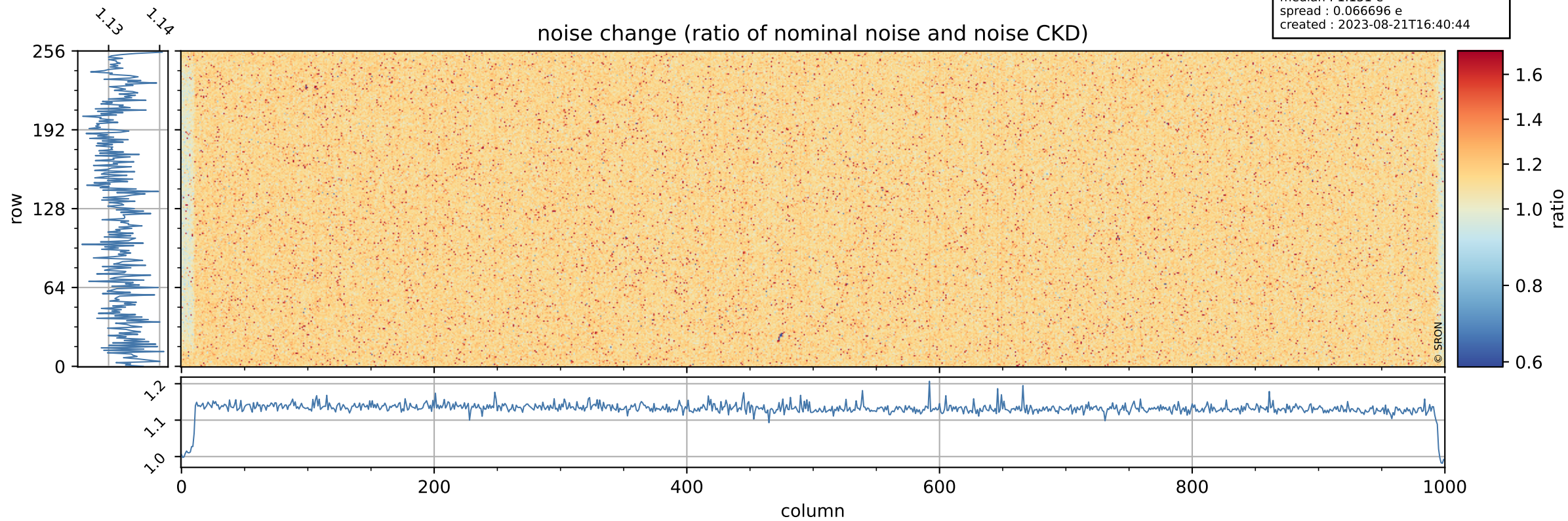
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24982, 25072]
coverage : 2022-08-09 / 2022-08-15
median : 1.0033 e
spread : 0.0096442 e
created : 2023-08-21T16:40:44



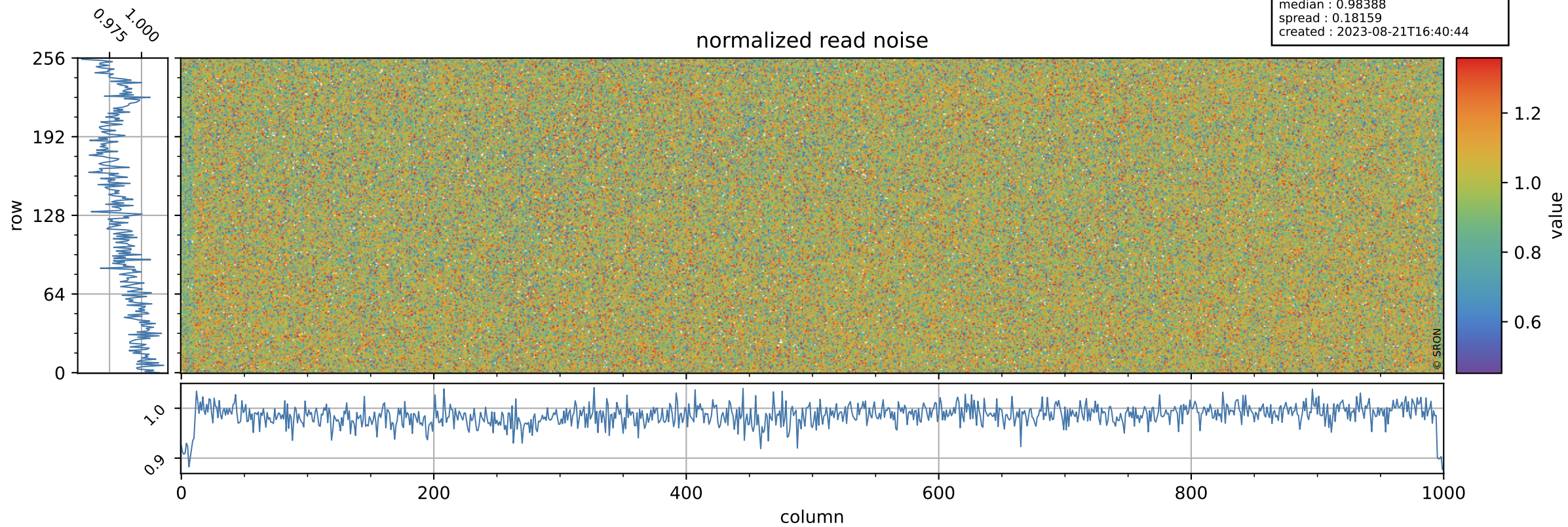
Tropomi SWIR background noise (swir)

orbits : 12 in [24982, 25072]
coverage : 2022-08-09 / 2022-08-15
median : 1.131 e
spread : 0.066696 e
created : 2023-08-21T16:40:44



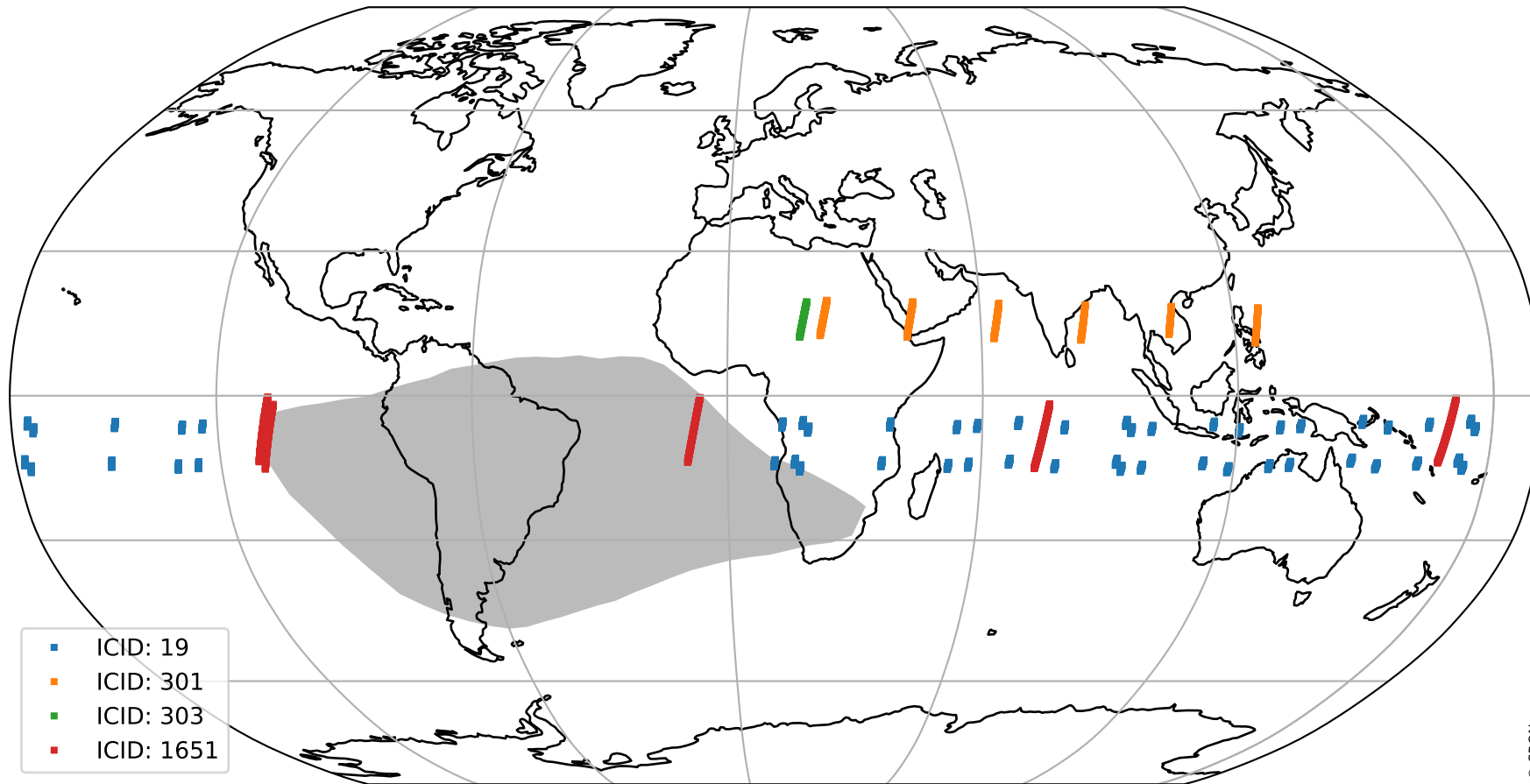
Tropomi SWIR background noise (swir)

orbits : 12 in [24982, 25072]
coverage : 2022-08-09 / 2022-08-15
median : 0.98388
spread : 0.18159
created : 2023-08-21T16:40:44



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

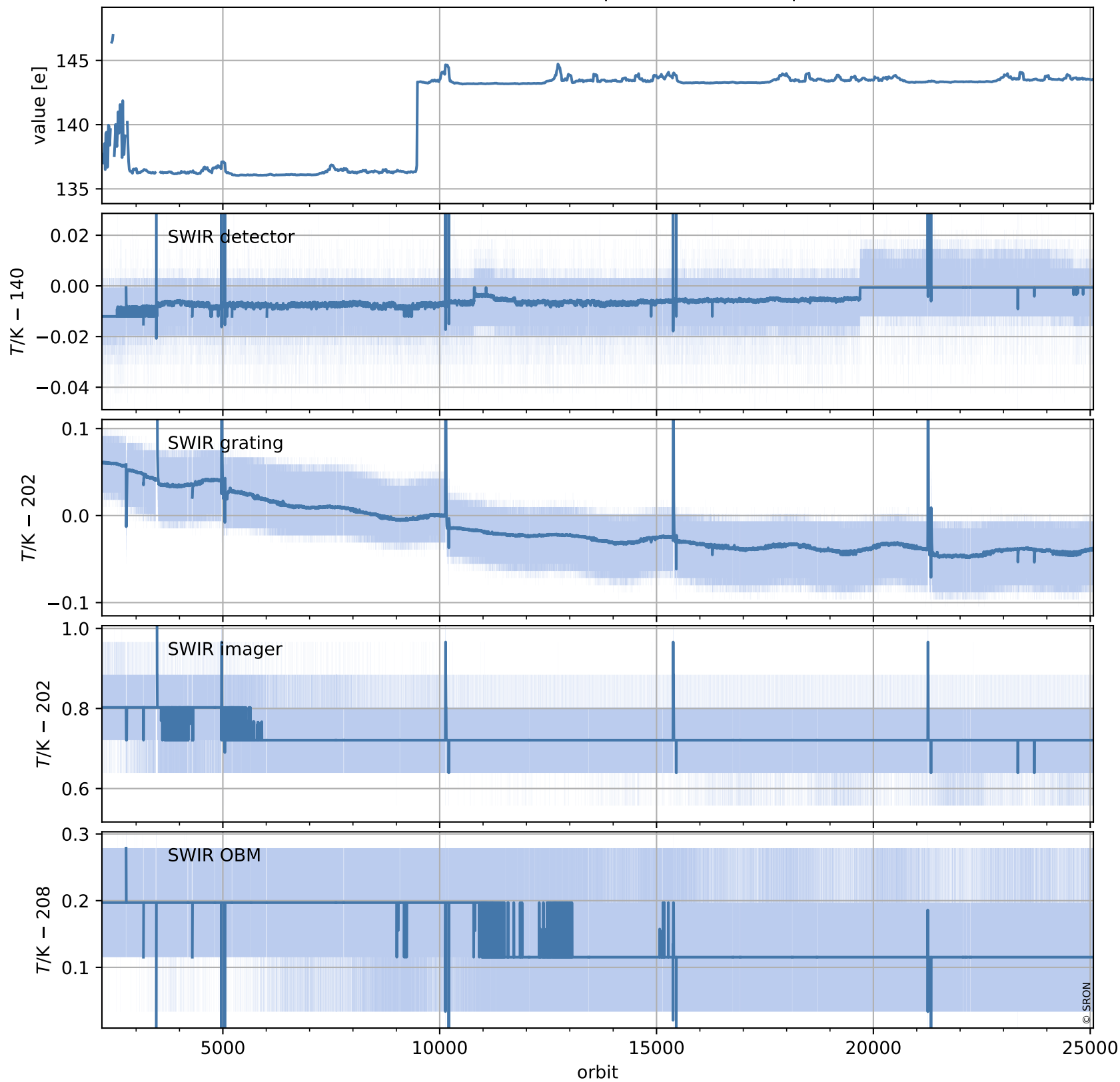
orbits : 12 in [24982, 25072]
coverage : 2022-08-09 / 2022-08-15
created : 2023-08-21T16:40:45



Tropomi SWIR background noise (swir)

orbits : [2212, 25072]
coverage : 2018-03-18 / 2022-08-15
created : 2023-08-21T16:40:45

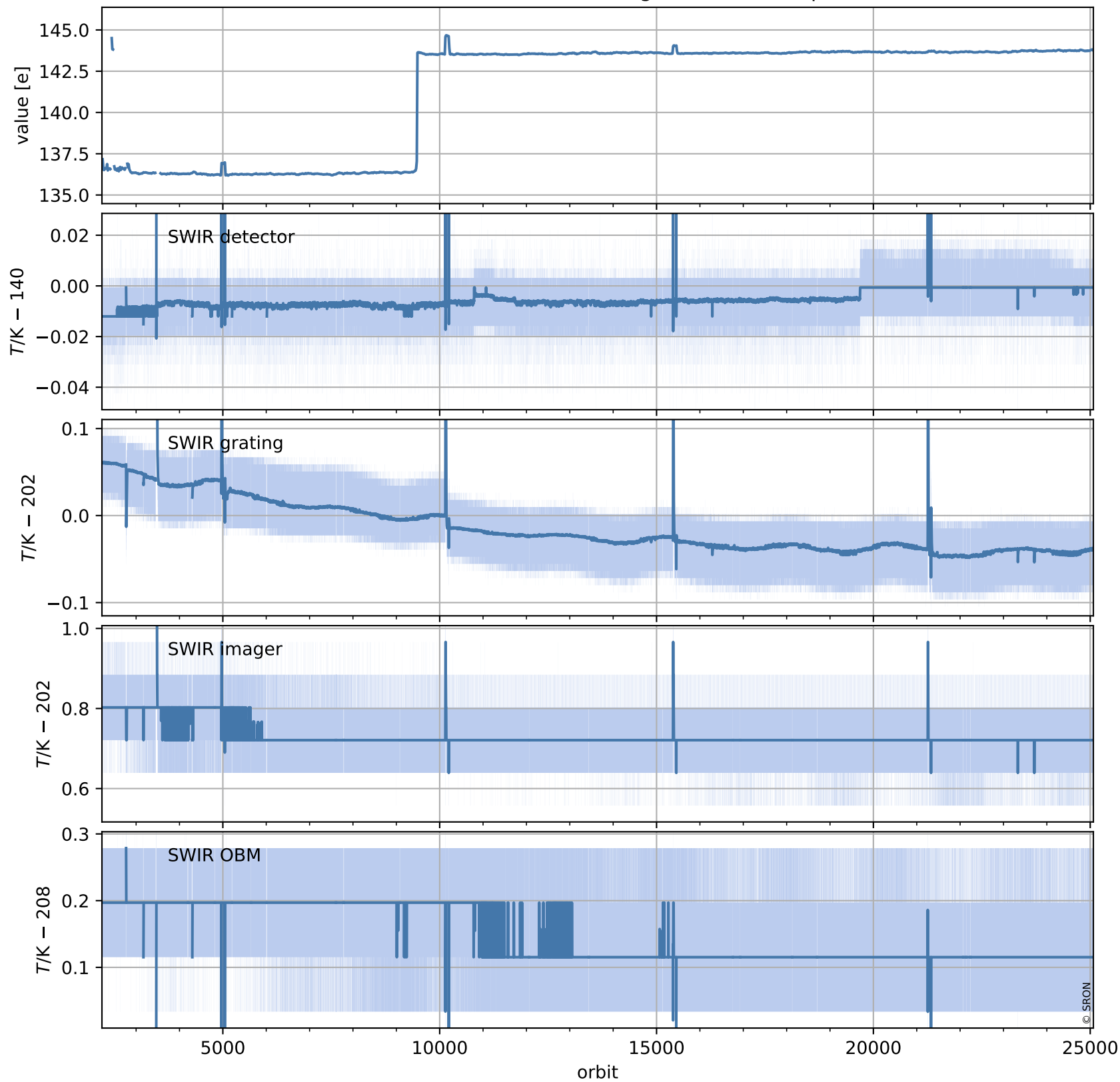
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25072]
coverage : 2018-03-18 / 2022-08-15
created : 2023-08-21T16:40:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25072]
coverage : 2018-03-18 / 2022-08-15
created : 2023-08-21T16:40:47

trend of normalized read-noise & temperatures

