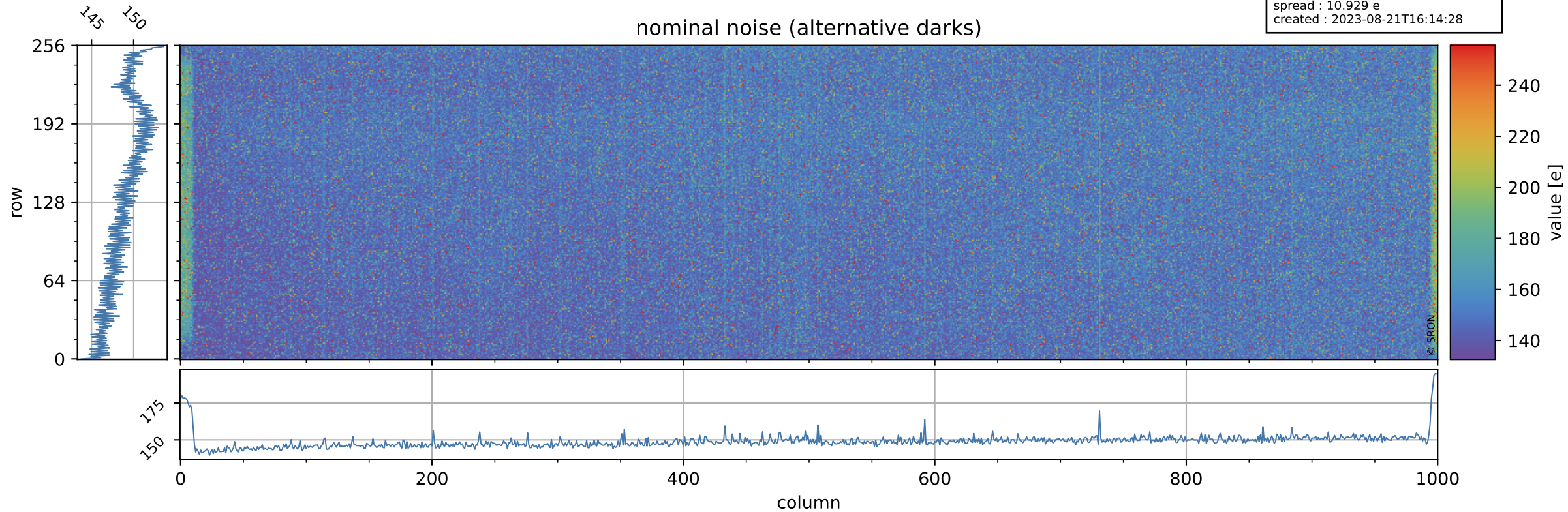


Tropomi SWIR background noise (swir)

orbits : 11 in [20842, 20932]
coverage : 2021-10-21 / 2021-10-27
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 10.929 e
created : 2023-08-21T16:14:28

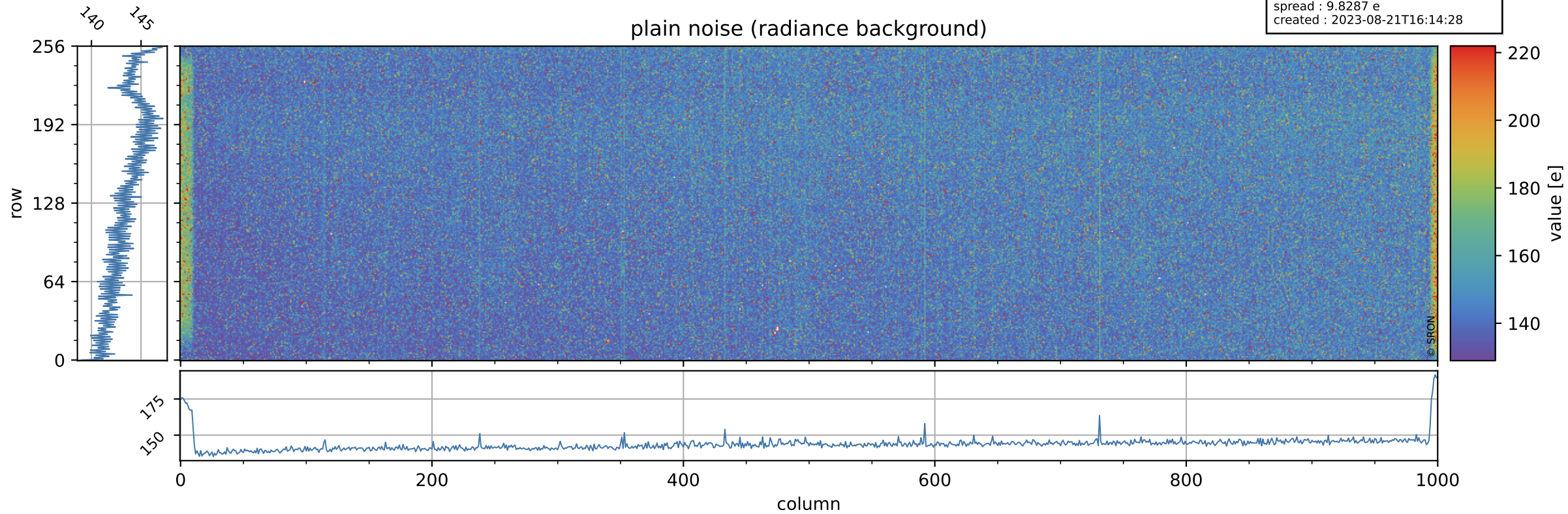
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [20842, 20932]
coverage : 2021-10-21 / 2021-10-27
n_coad, t_exp : 1, 0.8383
median : 143.44 e
spread : 9.8287 e
created : 2023-08-21T16:14:28

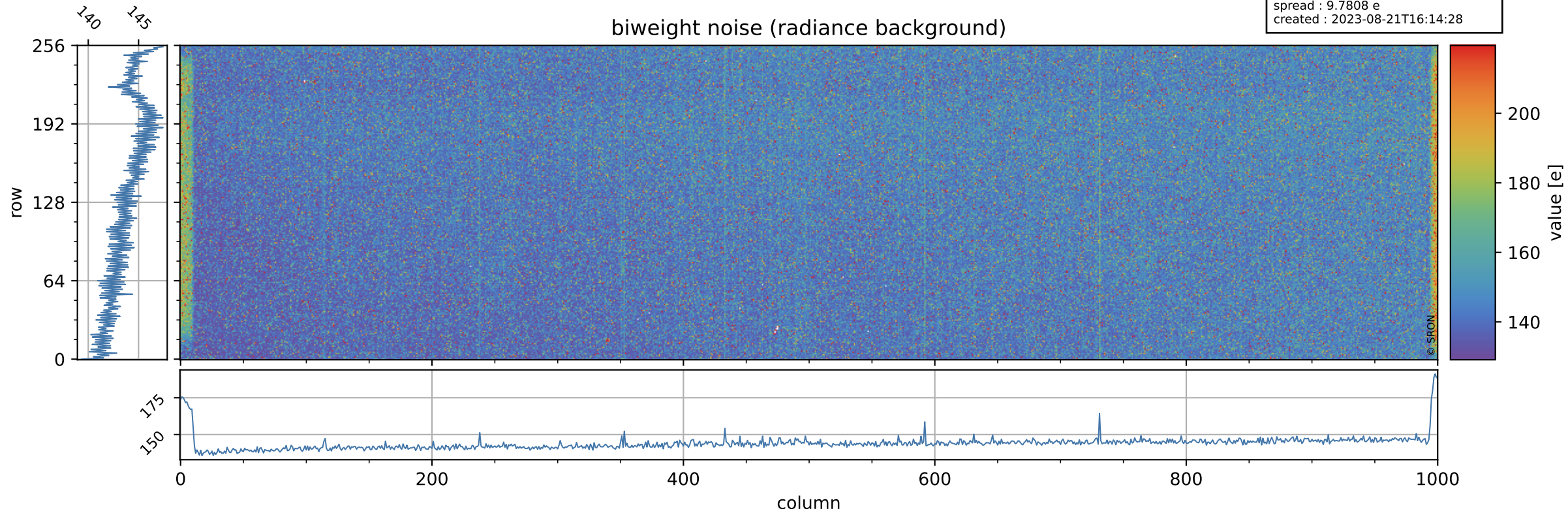
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [20842, 20932]
coverage : 2021-10-21 / 2021-10-27
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.7808 e
created : 2023-08-21T16:14:28

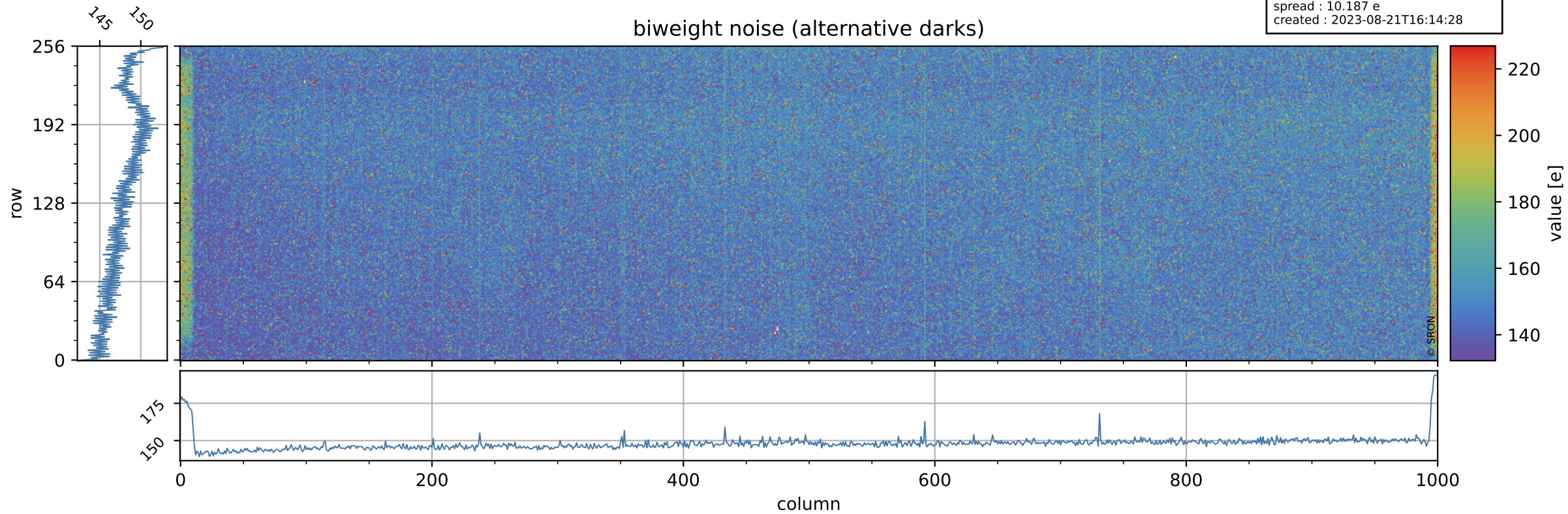
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [20842, 20932]
coverage : 2021-10-21 / 2021-10-27
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.187 e
created : 2023-08-21T16:14:28

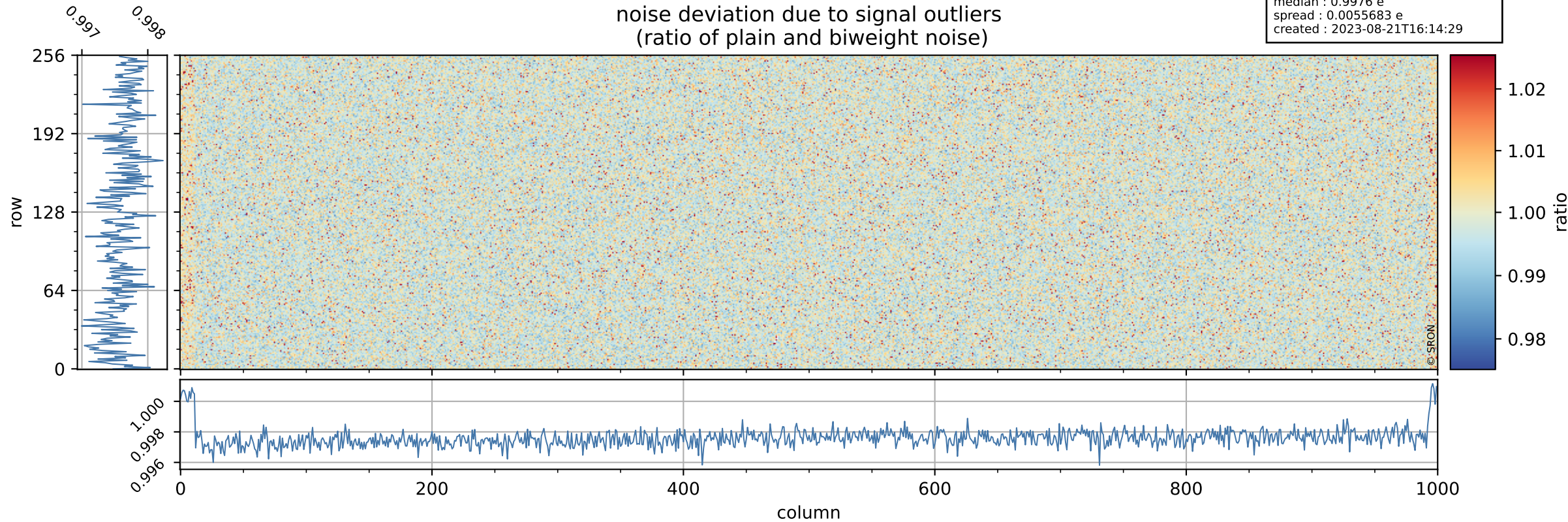
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

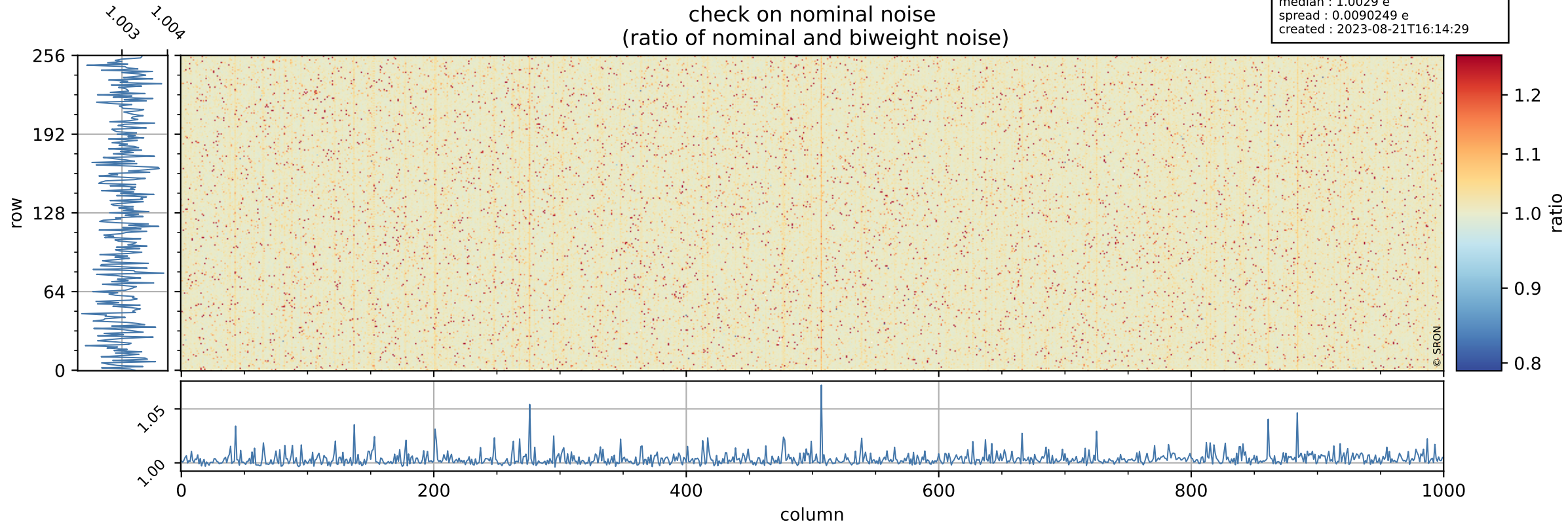
orbits : 11 in [20842, 20932]
coverage : 2021-10-21 / 2021-10-27
median : 0.9976 e
spread : 0.0055683 e
created : 2023-08-21T16:14:29



Tropomi SWIR background noise (swir)

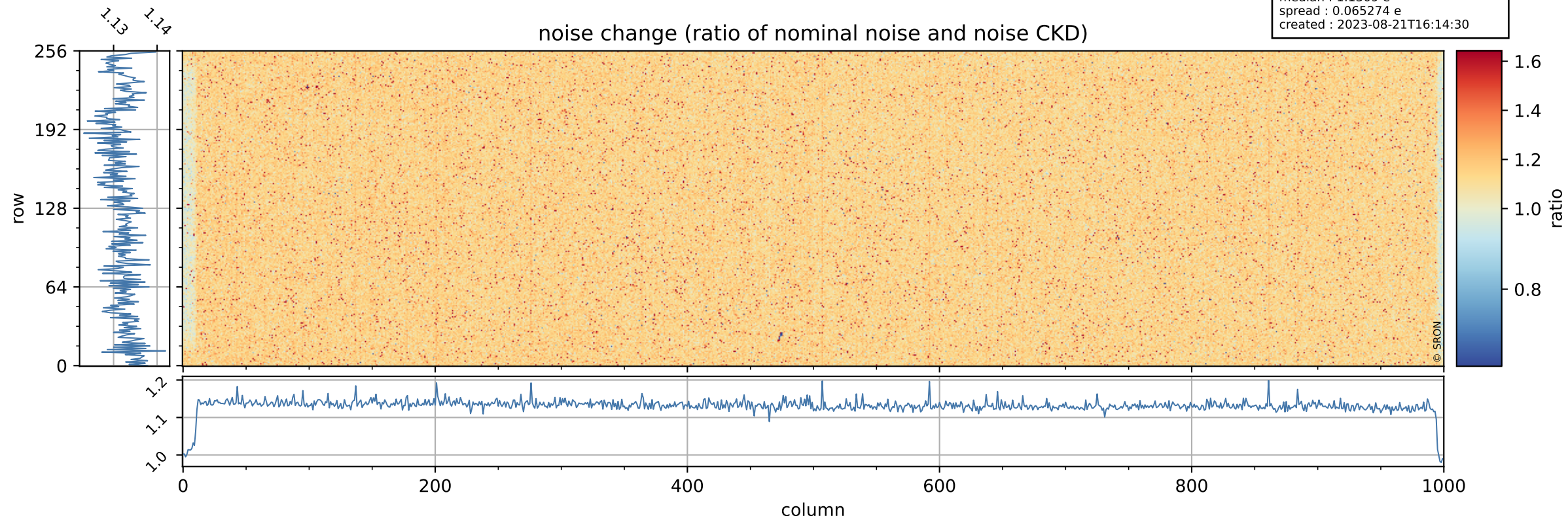
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [20842, 20932]
coverage : 2021-10-21 / 2021-10-27
median : 1.0029 e
spread : 0.0090249 e
created : 2023-08-21T16:14:29



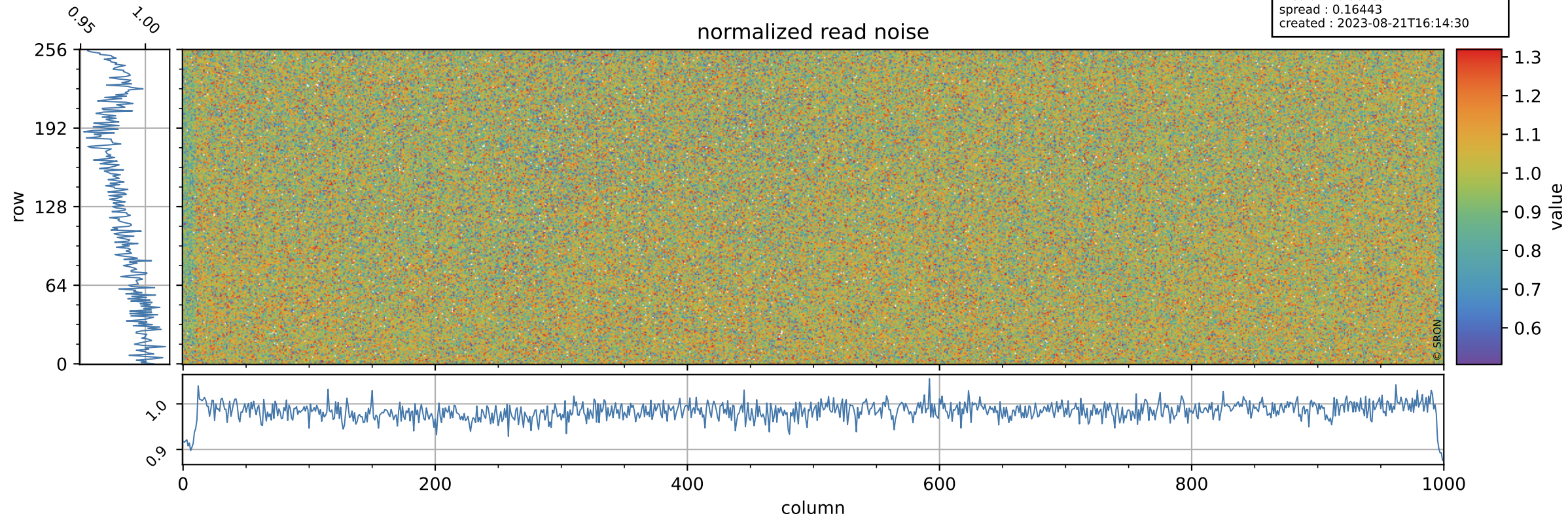
Tropomi SWIR background noise (swir)

orbits : 11 in [20842, 20932]
coverage : 2021-10-21 / 2021-10-27
median : 1.1309 e
spread : 0.065274 e
created : 2023-08-21T16:14:30



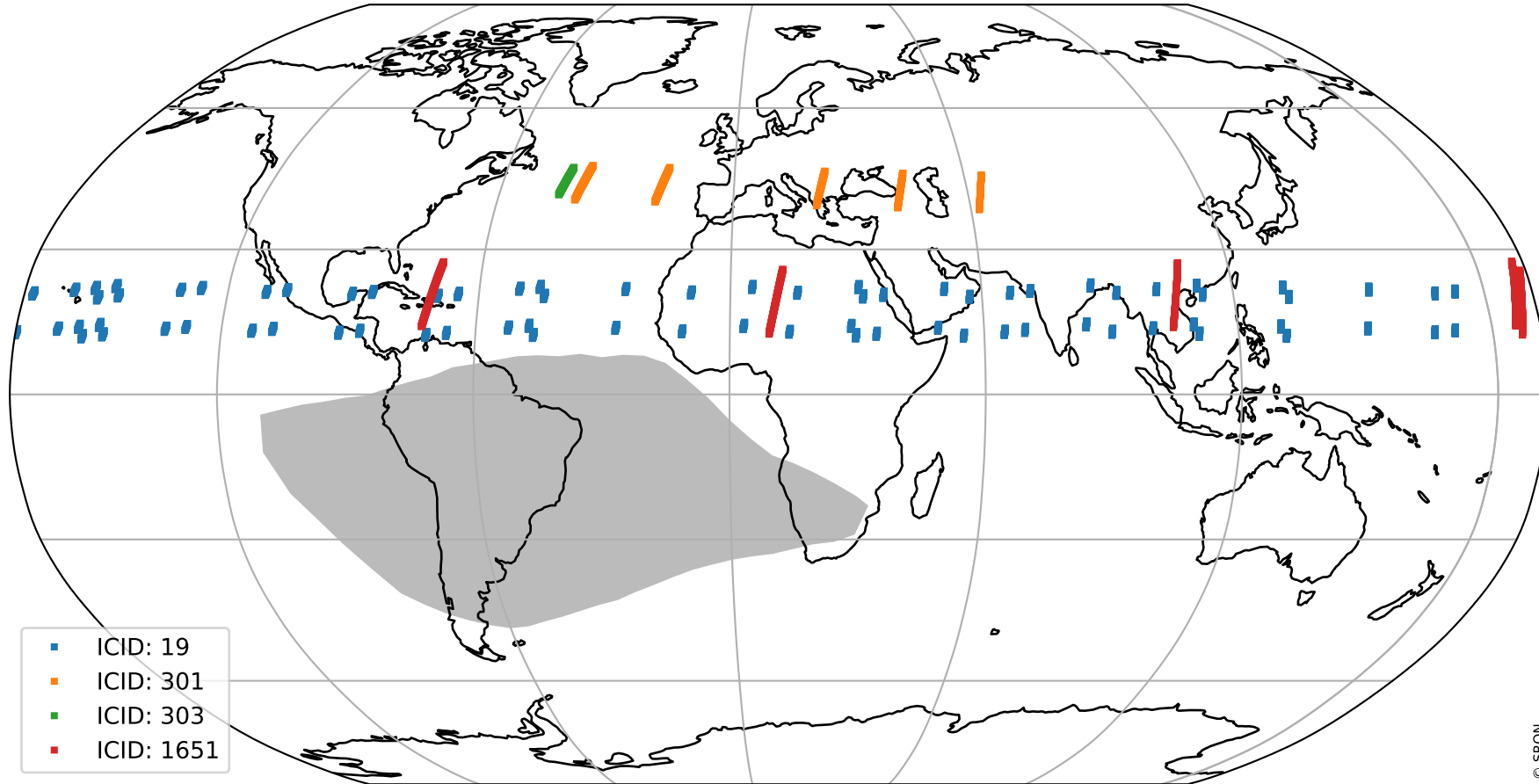
Tropomi SWIR background noise (swir)

orbits : 11 in [20842, 20932]
coverage : 2021-10-21 / 2021-10-27
median : 0.98208
spread : 0.16443
created : 2023-08-21T16:14:30



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

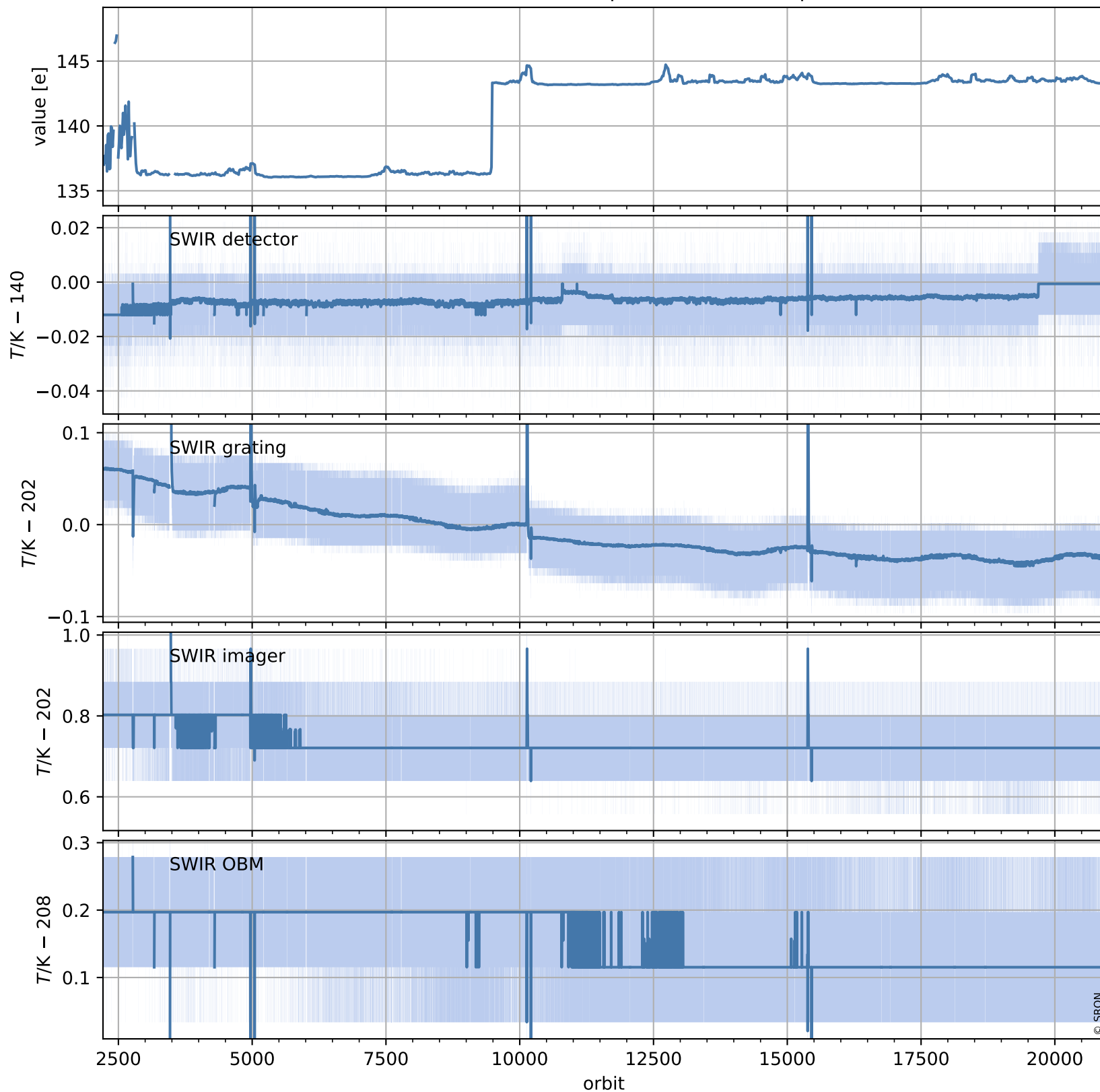
orbits : 11 in [20842, 20932]
coverage : 2021-10-21 / 2021-10-27
created : 2023-08-21T16:14:30



Tropomi SWIR background noise (swir)

orbits : [2212, 20932]
coverage : 2018-03-18 / 2021-10-27
created : 2023-08-21T16:14:30

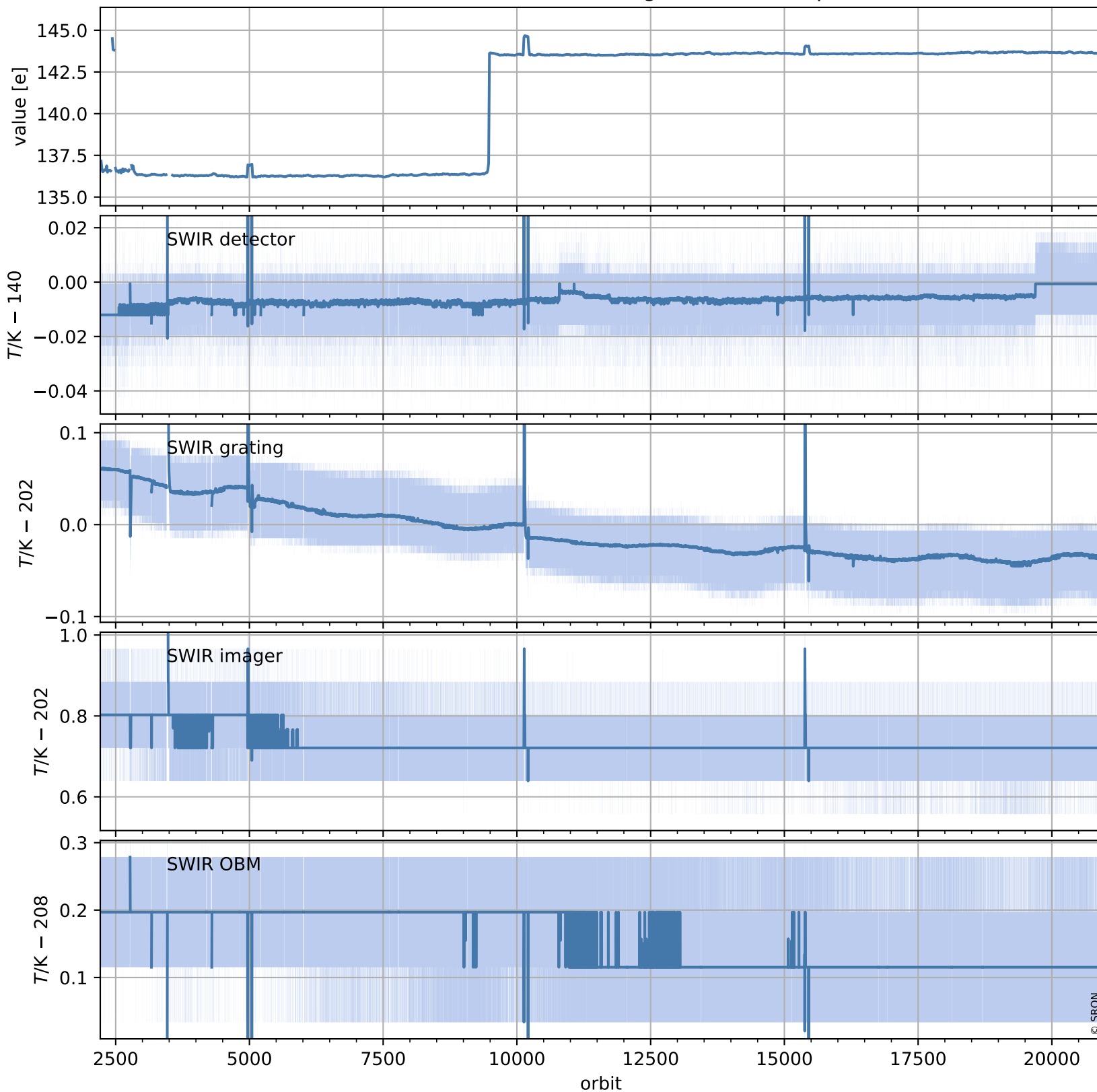
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20932]
coverage : 2018-03-18 / 2021-10-27
created : 2023-08-21T16:14:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20932]
coverage : 2018-03-18 / 2021-10-27
created : 2023-08-21T16:14:32

trend of normalized read-noise & temperatures

