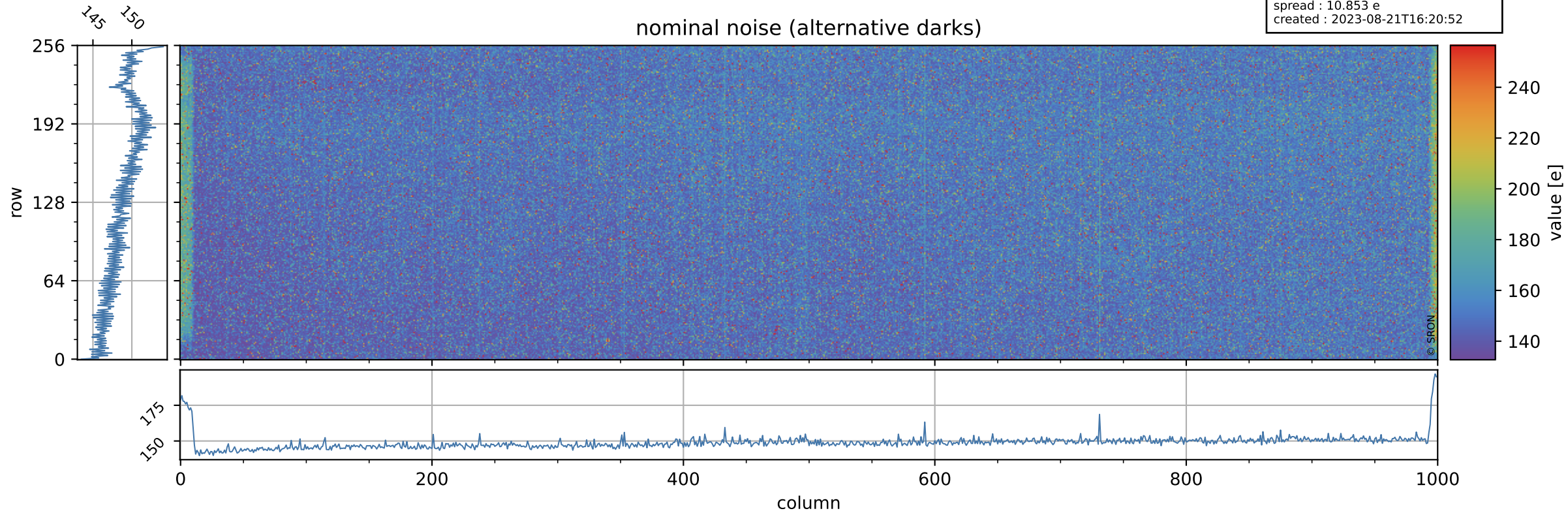


Tropomi SWIR background noise (swir)

orbits : 13 in [21862, 21952]
coverage : 2022-01-01 / 2022-01-07
n_coad, t_exp : 1, 1.0783
median : 148.73 e
spread : 10.853 e
created : 2023-08-21T16:20:52

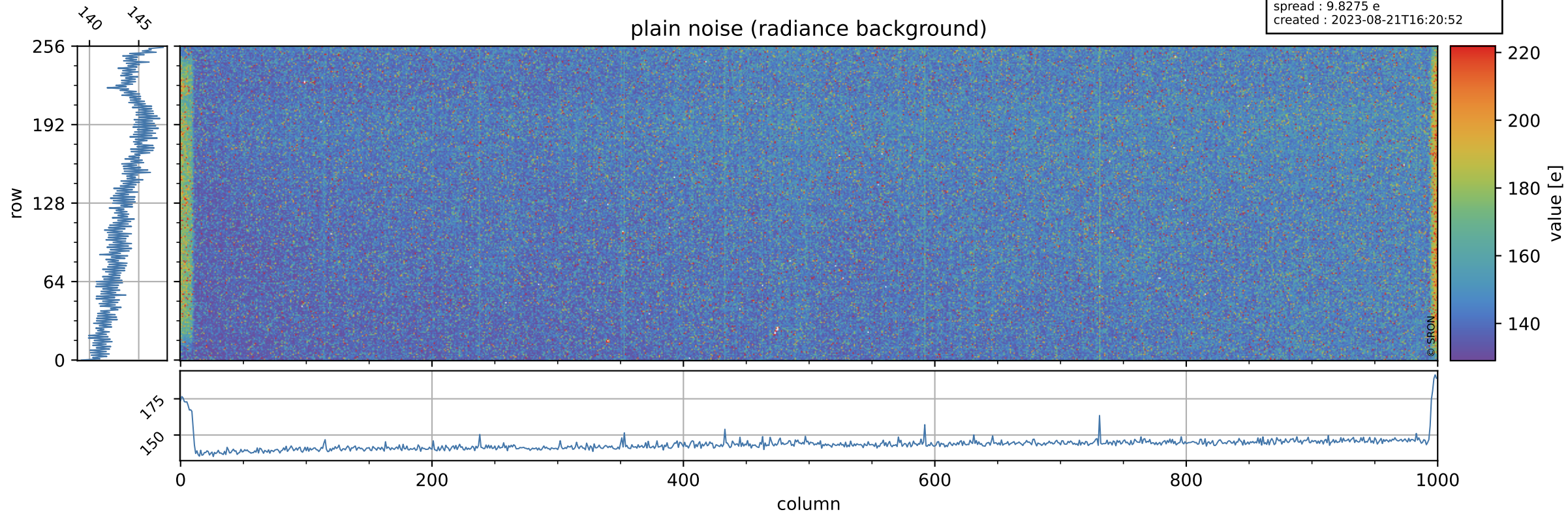
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [21862, 21952]
coverage : 2022-01-01 / 2022-01-07
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8275 e
created : 2023-08-21T16:20:52

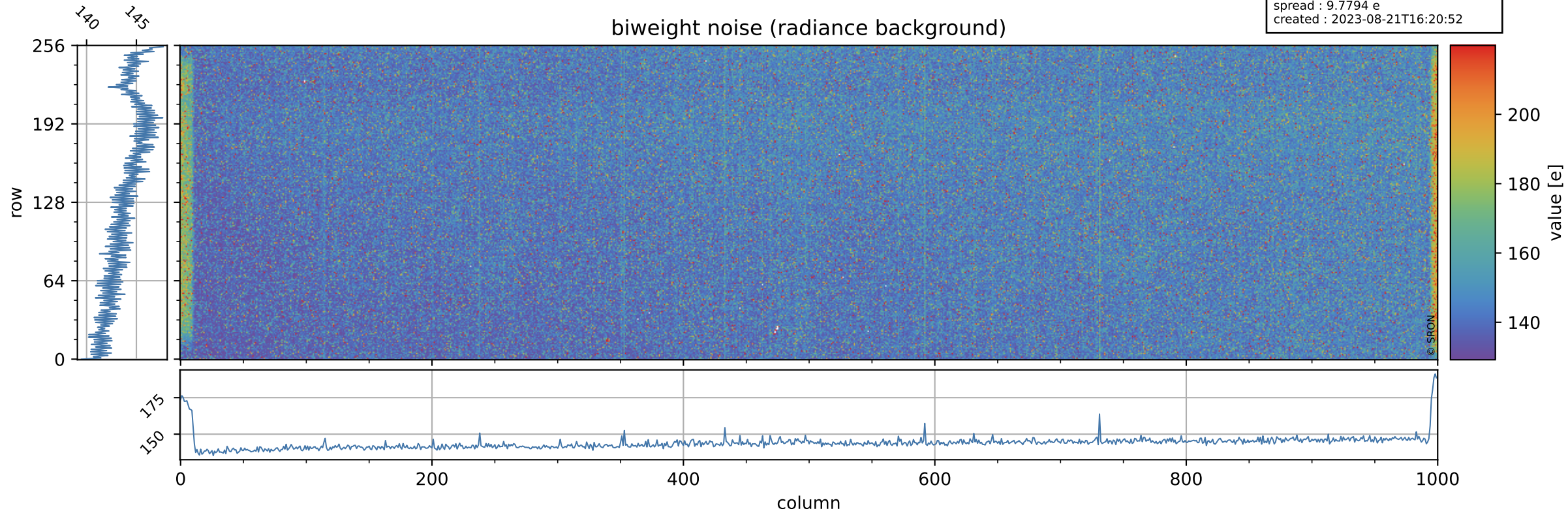
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21862, 21952]
coverage : 2022-01-01 / 2022-01-07
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.7794 e
created : 2023-08-21T16:20:52

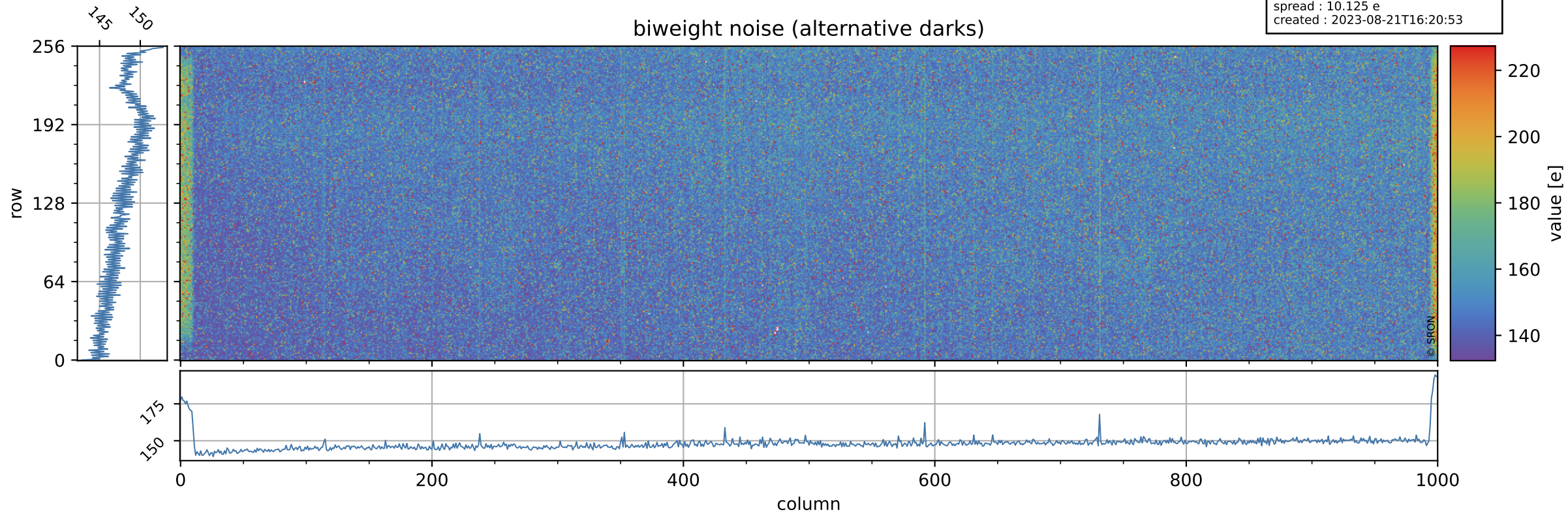
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21862, 21952]
coverage : 2022-01-01 / 2022-01-07
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.125 e
created : 2023-08-21T16:20:53

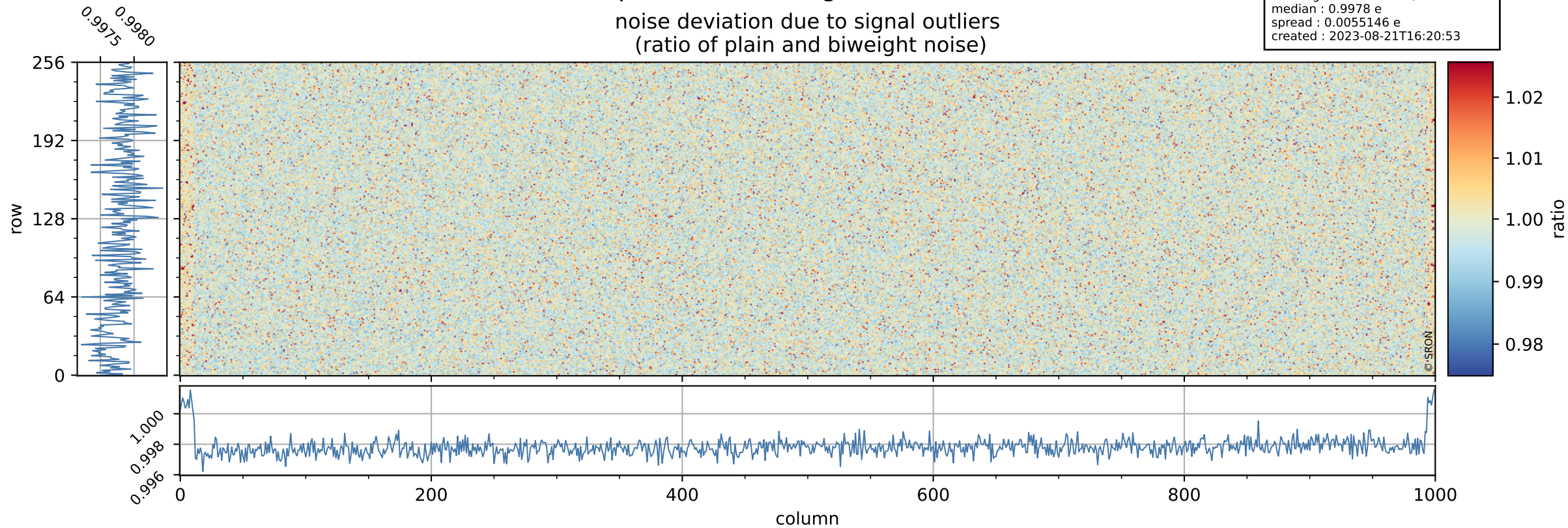
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

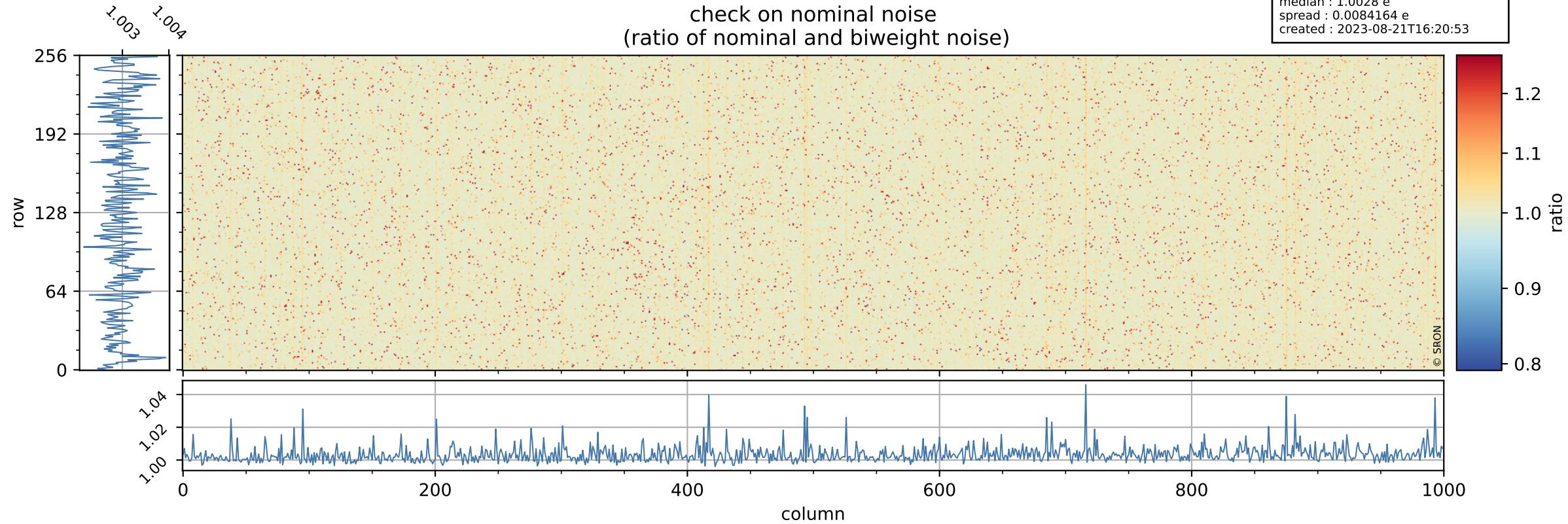
orbits : 13 in [21862, 21952]
coverage : 2022-01-01 / 2022-01-07
median : 0.9978 e
spread : 0.0055146 e
created : 2023-08-21T16:20:53



Tropomi SWIR background noise (swir)

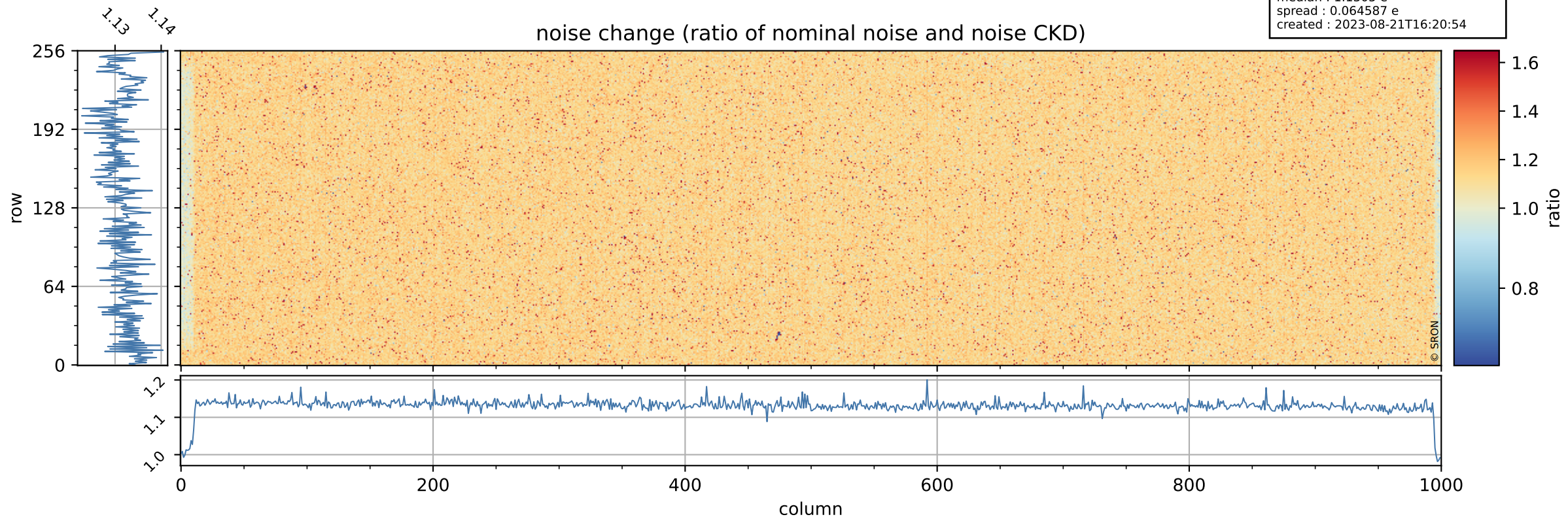
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [21862, 21952]
coverage : 2022-01-01 / 2022-01-07
median : 1.0028 e
spread : 0.0084164 e
created : 2023-08-21T16:20:53



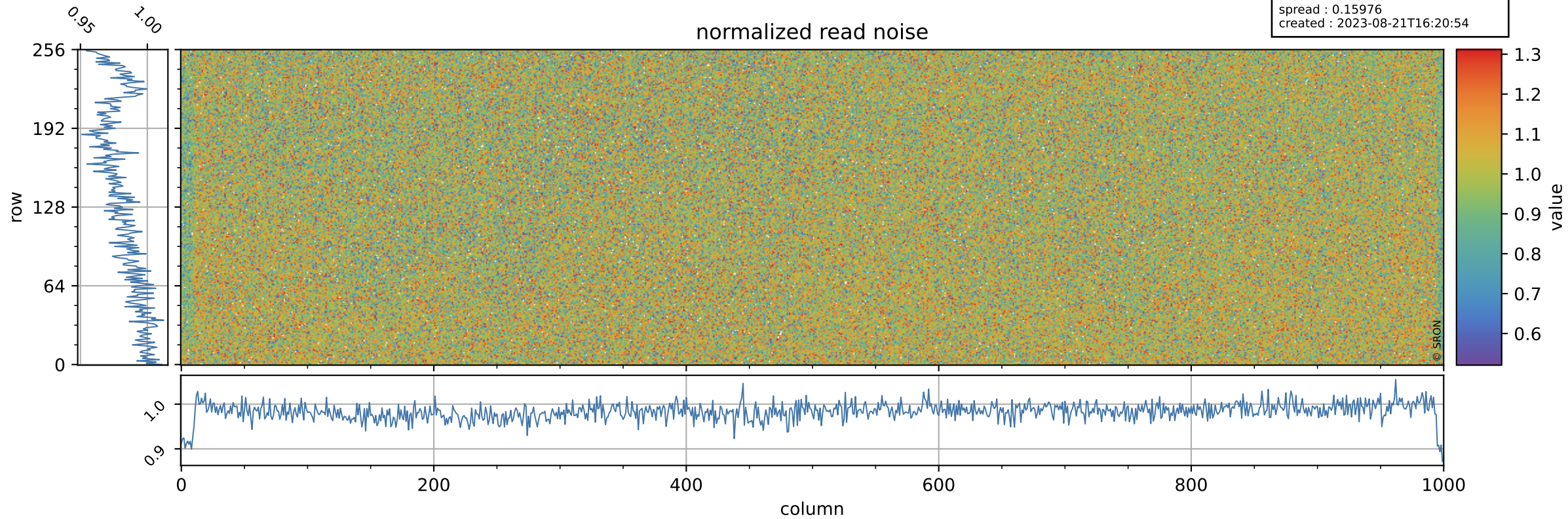
Tropomi SWIR background noise (swir)

orbits : 13 in [21862, 21952]
coverage : 2022-01-01 / 2022-01-07
median : 1.1305 e
spread : 0.064587 e
created : 2023-08-21T16:20:54



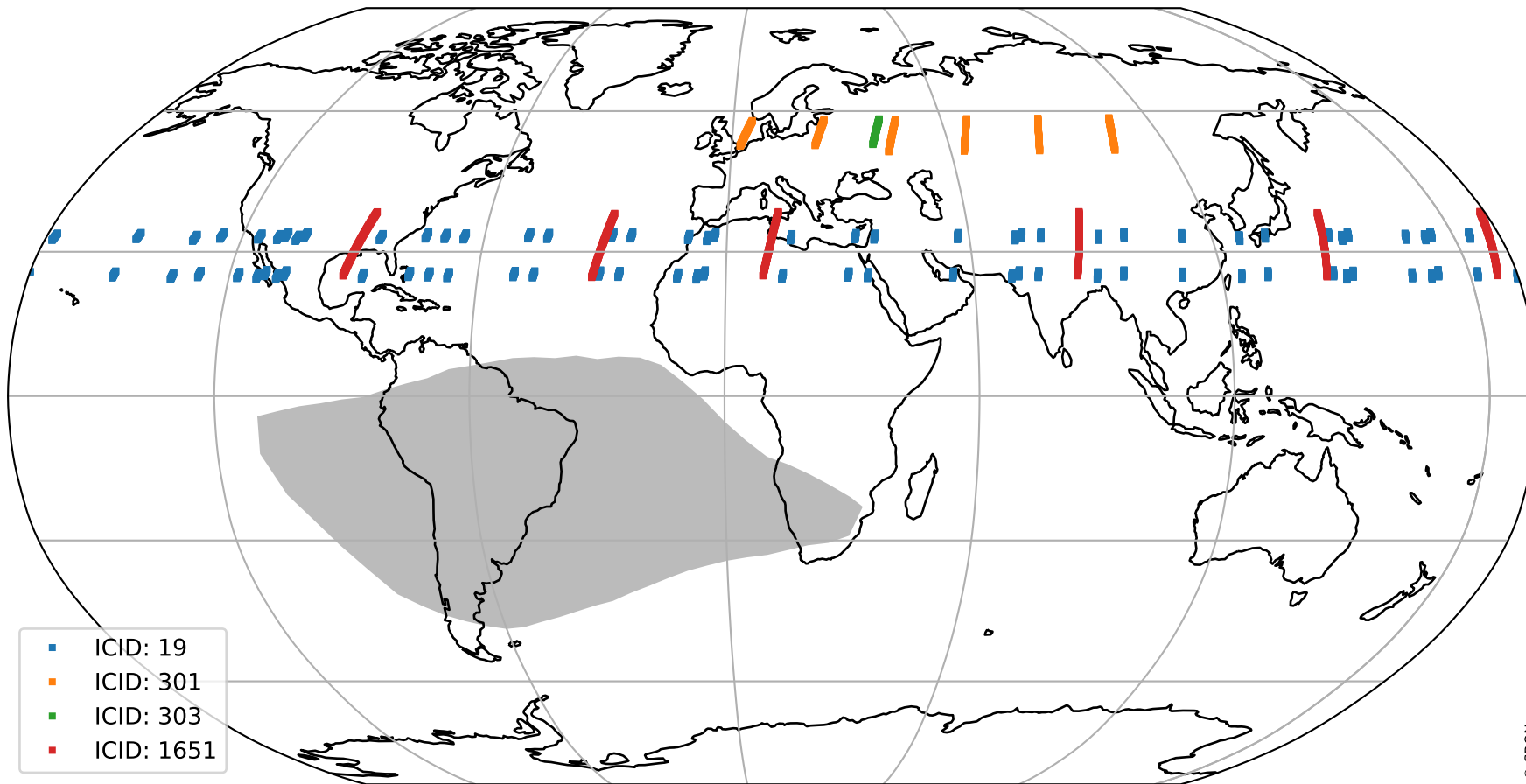
Tropomi SWIR background noise (swir)

orbits : 13 in [21862, 21952]
coverage : 2022-01-01 / 2022-01-07
median : 0.98189
spread : 0.15976
created : 2023-08-21T16:20:54



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

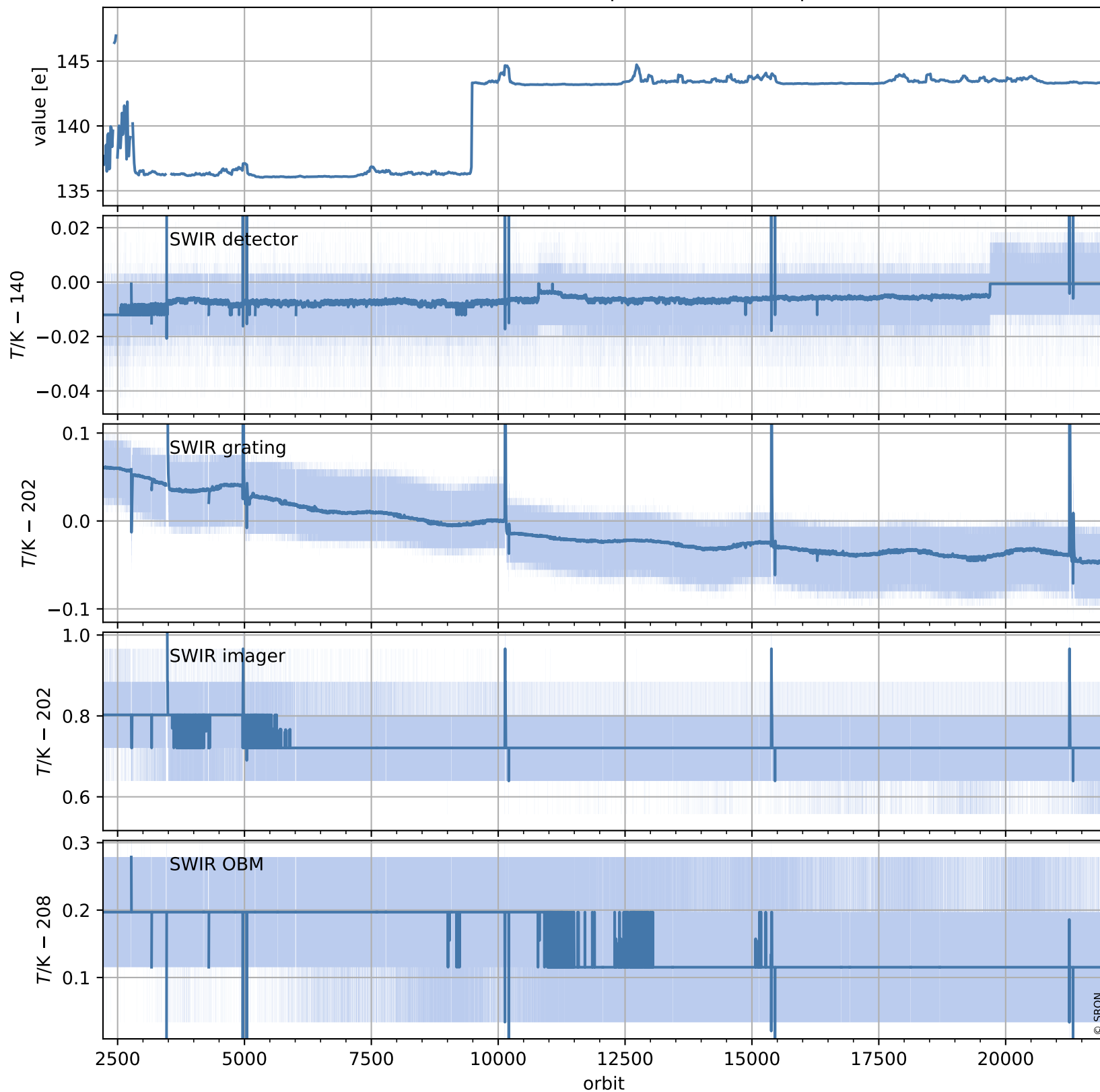
orbits : 13 in [21862, 21952]
coverage : 2022-01-01 / 2022-01-07
created : 2023-08-21T16:20:54



Tropomi SWIR background noise (swir)

orbits : [2212, 21952]
coverage : 2018-03-18 / 2022-01-07
created : 2023-08-21T16:20:55

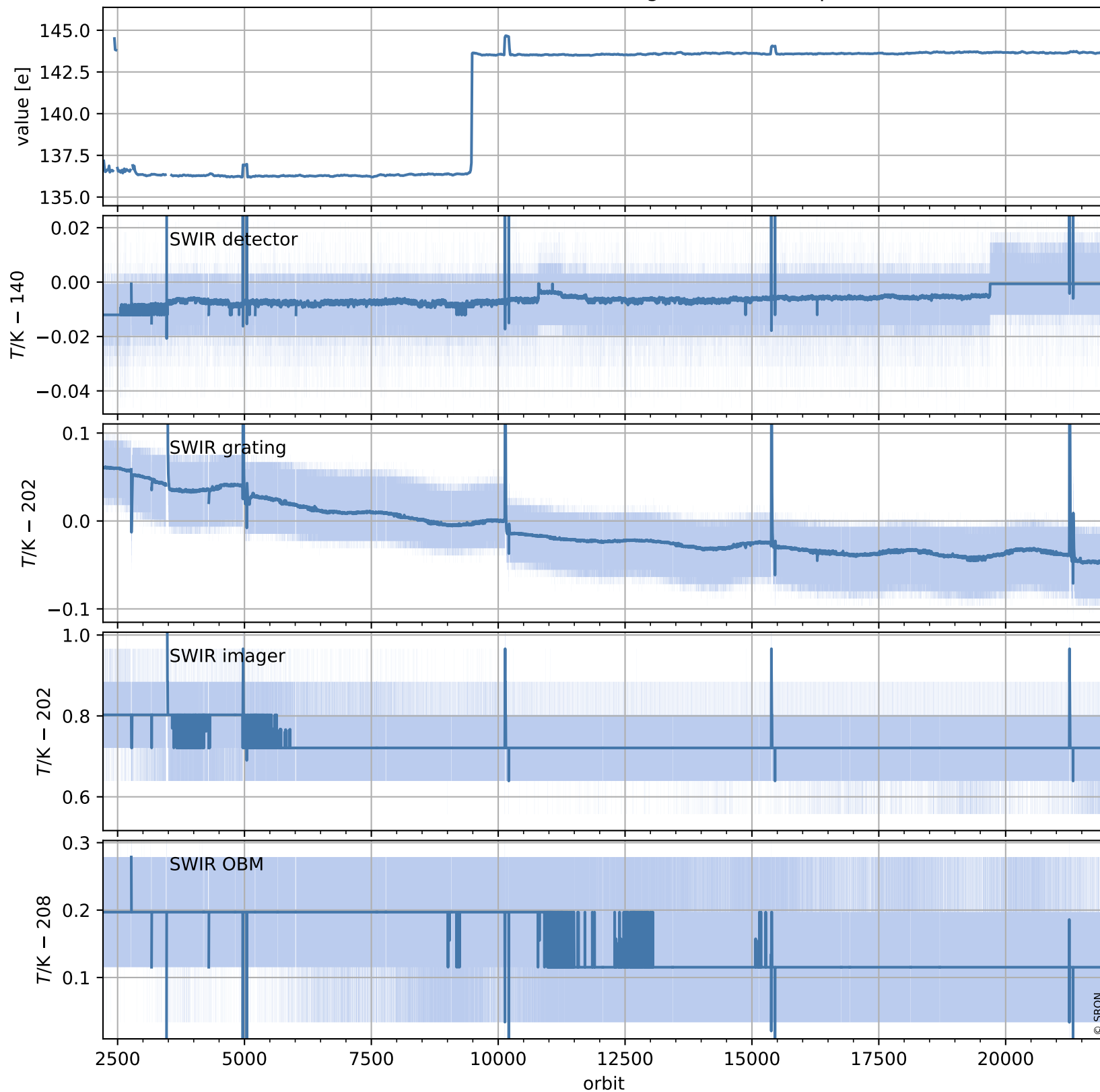
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21952]
coverage : 2018-03-18 / 2022-01-07
created : 2023-08-21T16:20:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21952]
coverage : 2018-03-18 / 2022-01-07
created : 2023-08-21T16:20:56

trend of normalized read-noise & temperatures

