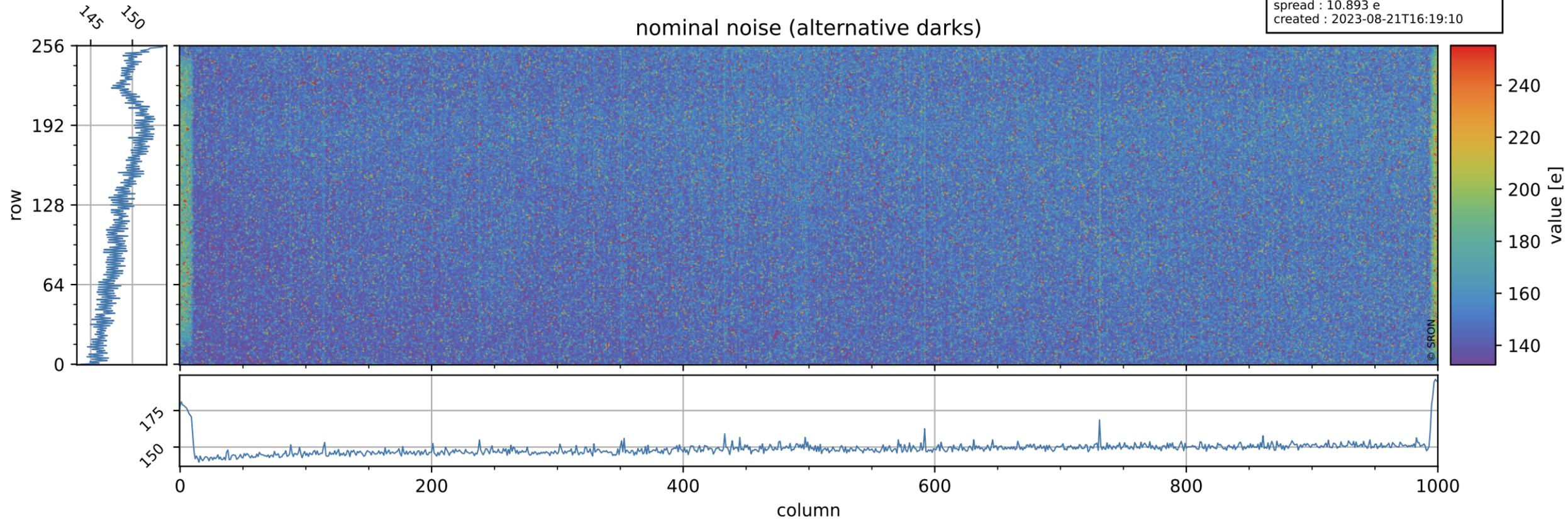


Tropomi SWIR background noise (swir)

orbits : 12 in [21592, 21682]
coverage : 2021-12-13 / 2021-12-19
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.893 e
created : 2023-08-21T16:19:10

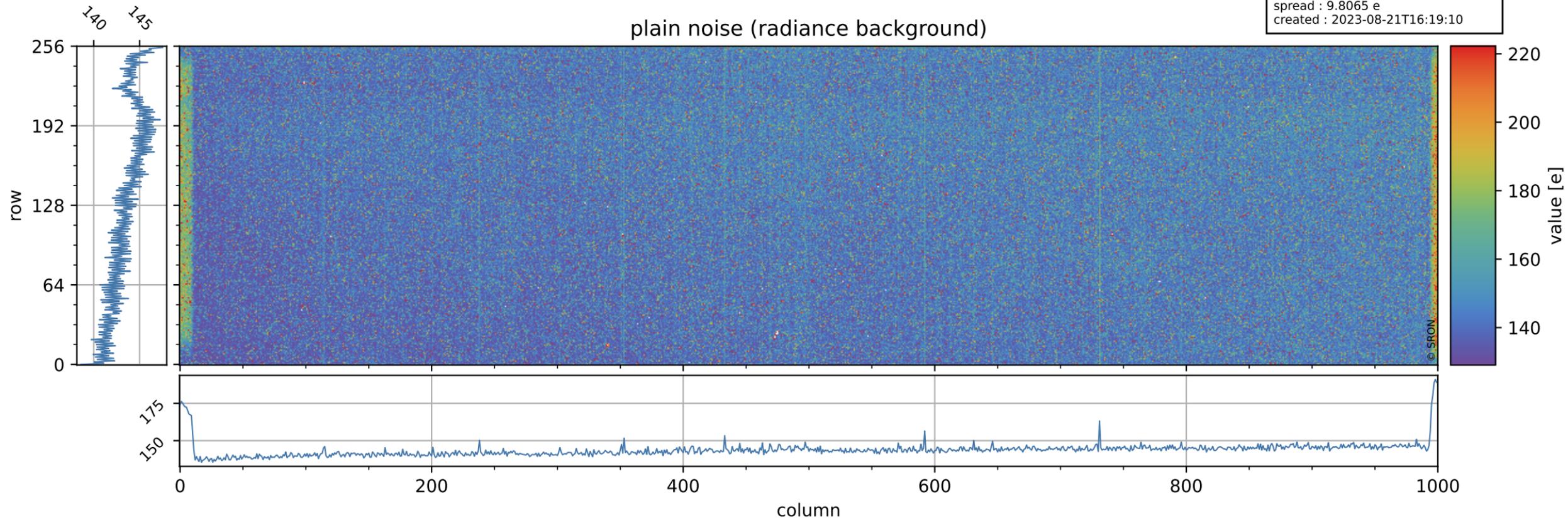
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21592, 21682]
coverage : 2021-12-13 / 2021-12-19
n_coad, t_exp : 1, 0.8383
median : 143.47 e
spread : 9.8065 e
created : 2023-08-21T16:19:10

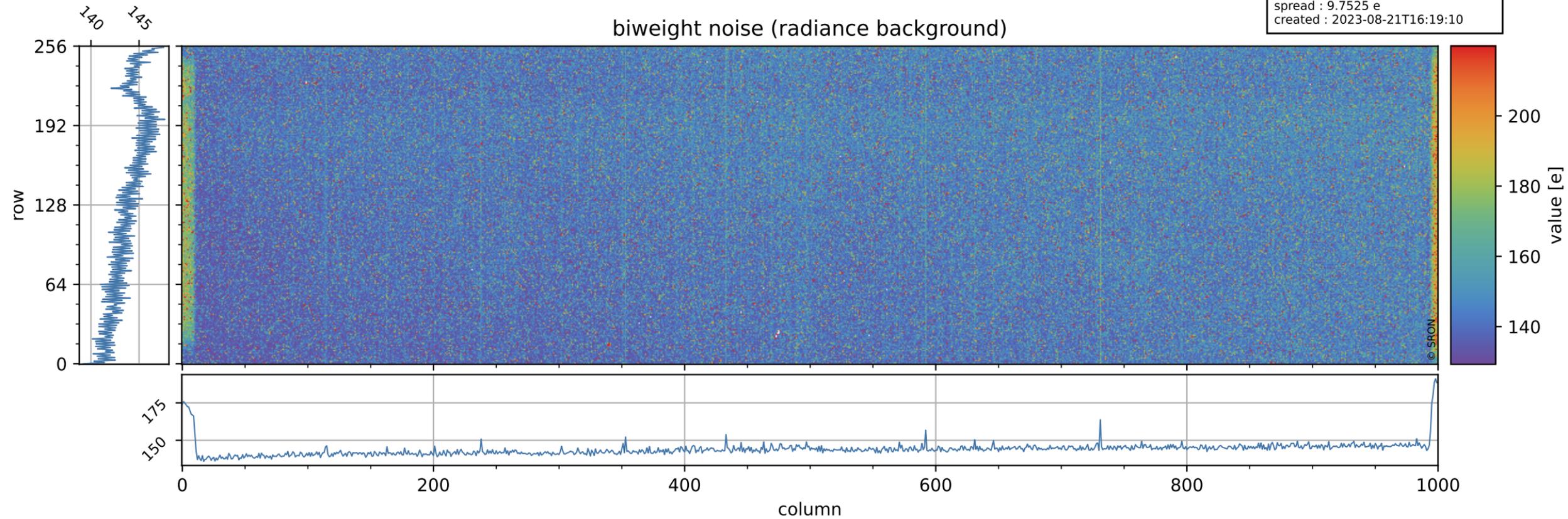
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21592, 21682]
coverage : 2021-12-13 / 2021-12-19
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.7525 e
created : 2023-08-21T16:19:10

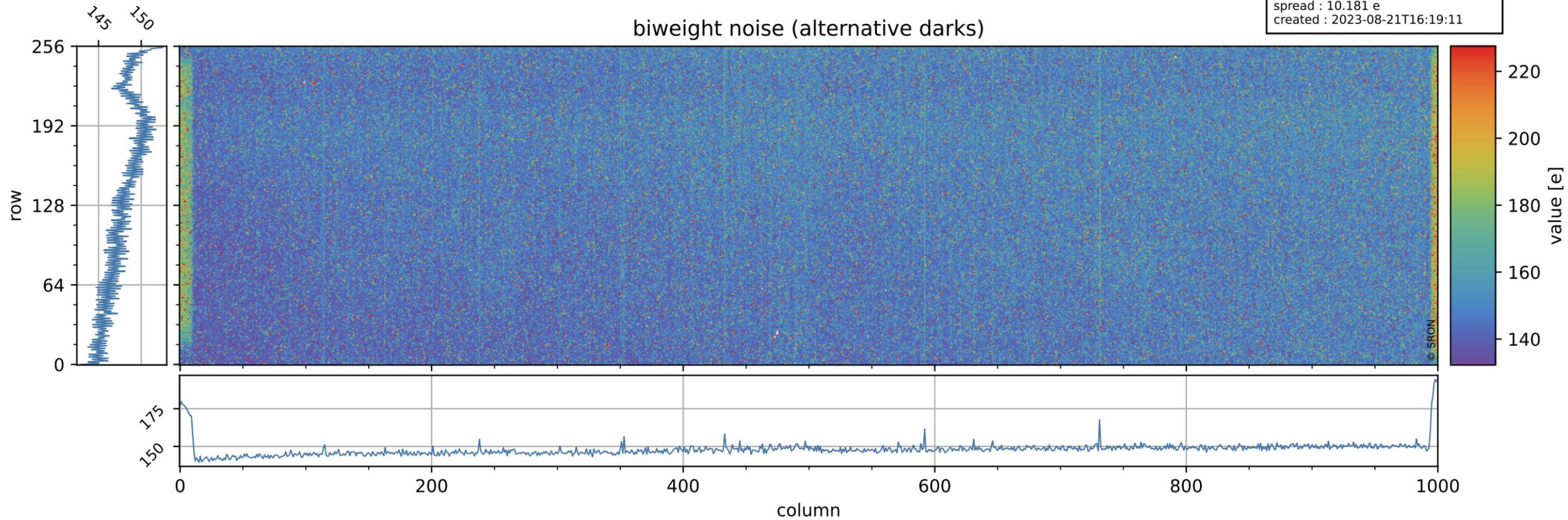
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21592, 21682]
coverage : 2021-12-13 / 2021-12-19
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.181 e
created : 2023-08-21T16:19:11

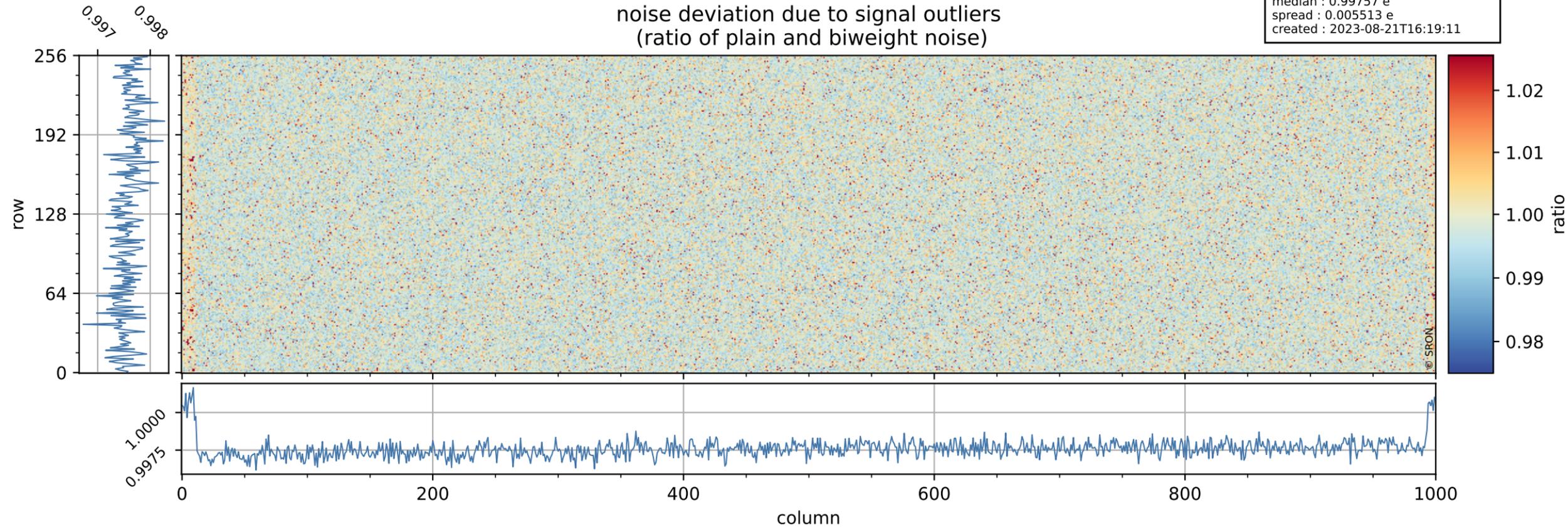
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

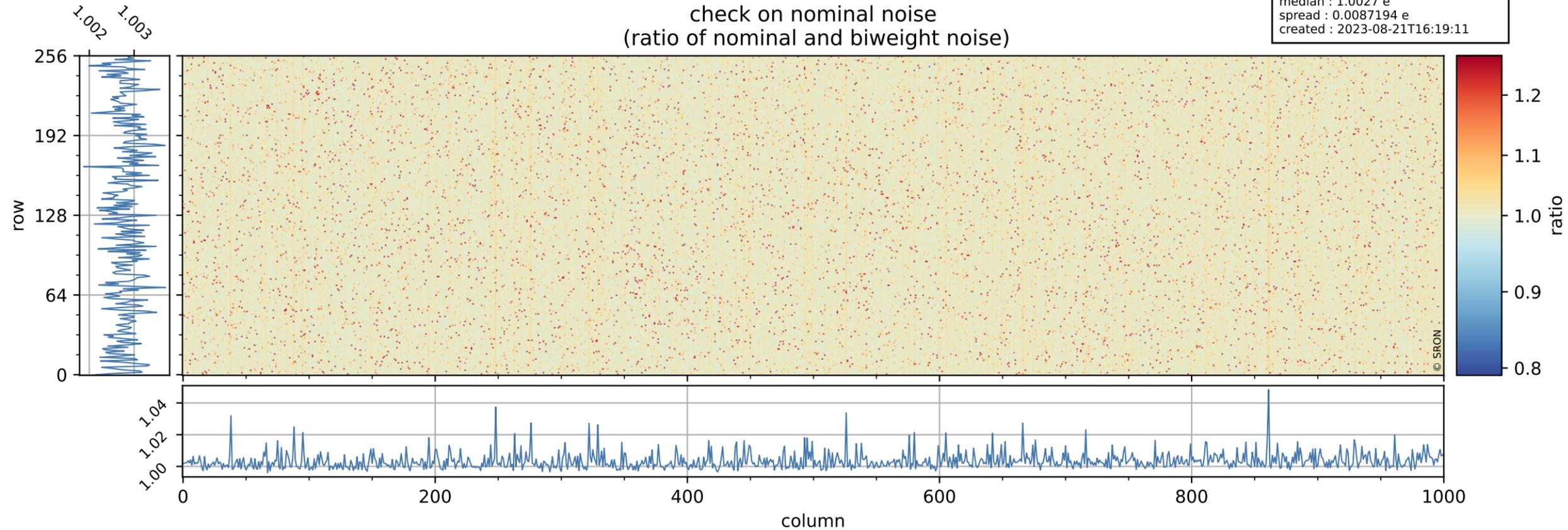
orbits : 12 in [21592, 21682]
coverage : 2021-12-13 / 2021-12-19
median : 0.99757 e
spread : 0.005513 e
created : 2023-08-21T16:19:11



Tropomi SWIR background noise (swir)

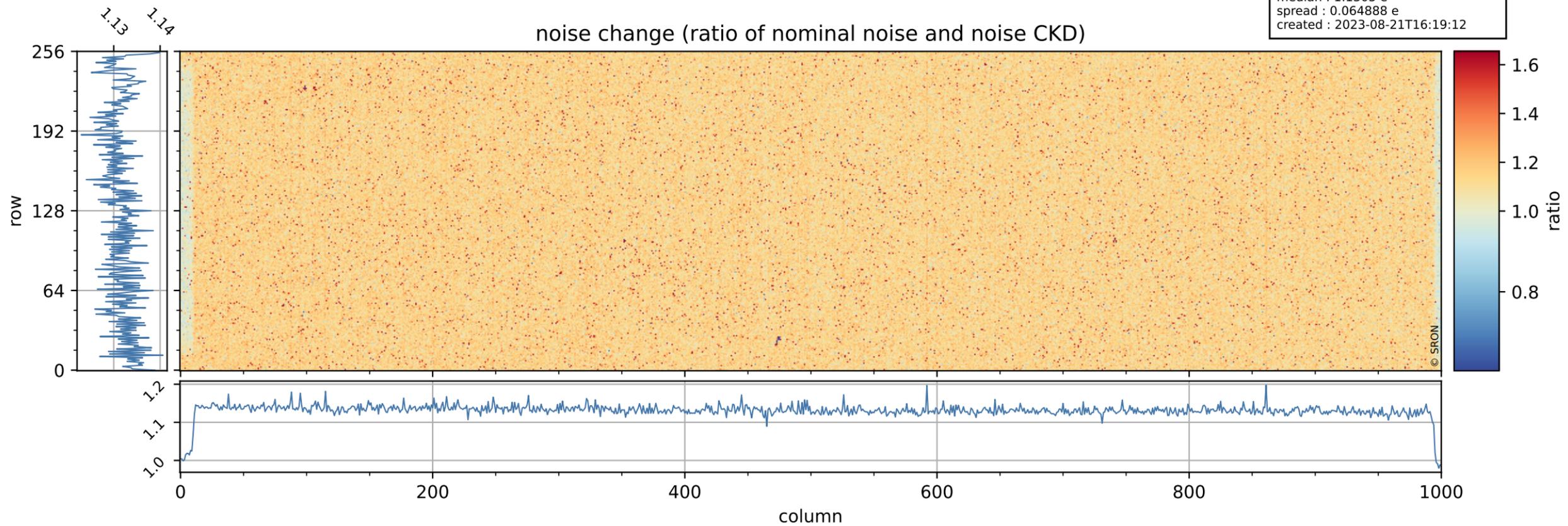
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21592, 21682]
coverage : 2021-12-13 / 2021-12-19
median : 1.0027 e
spread : 0.0087194 e
created : 2023-08-21T16:19:11



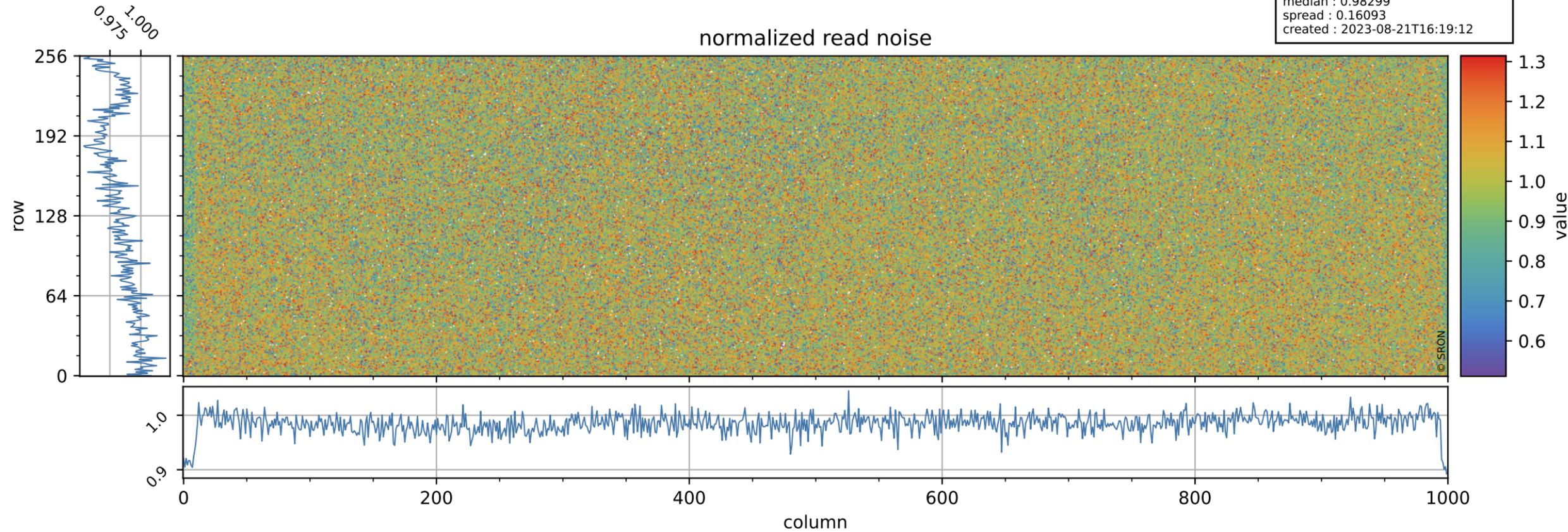
Tropomi SWIR background noise (swir)

orbits : 12 in [21592, 21682]
coverage : 2021-12-13 / 2021-12-19
median : 1.1305 e
spread : 0.064888 e
created : 2023-08-21T16:19:12



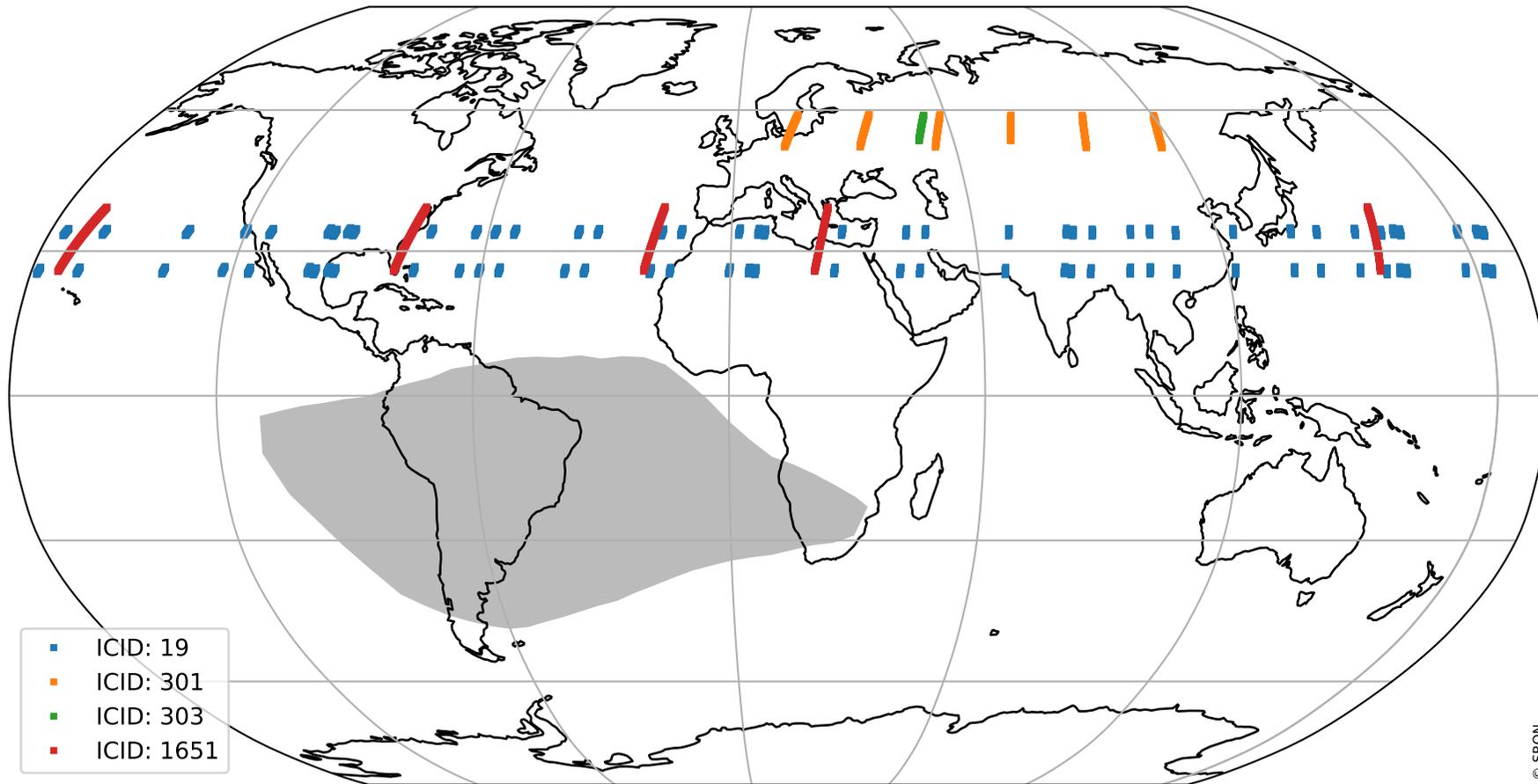
Tropomi SWIR background noise (swir)

orbits : 12 in [21592, 21682]
coverage : 2021-12-13 / 2021-12-19
median : 0.98299
spread : 0.16093
created : 2023-08-21T16:19:12



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

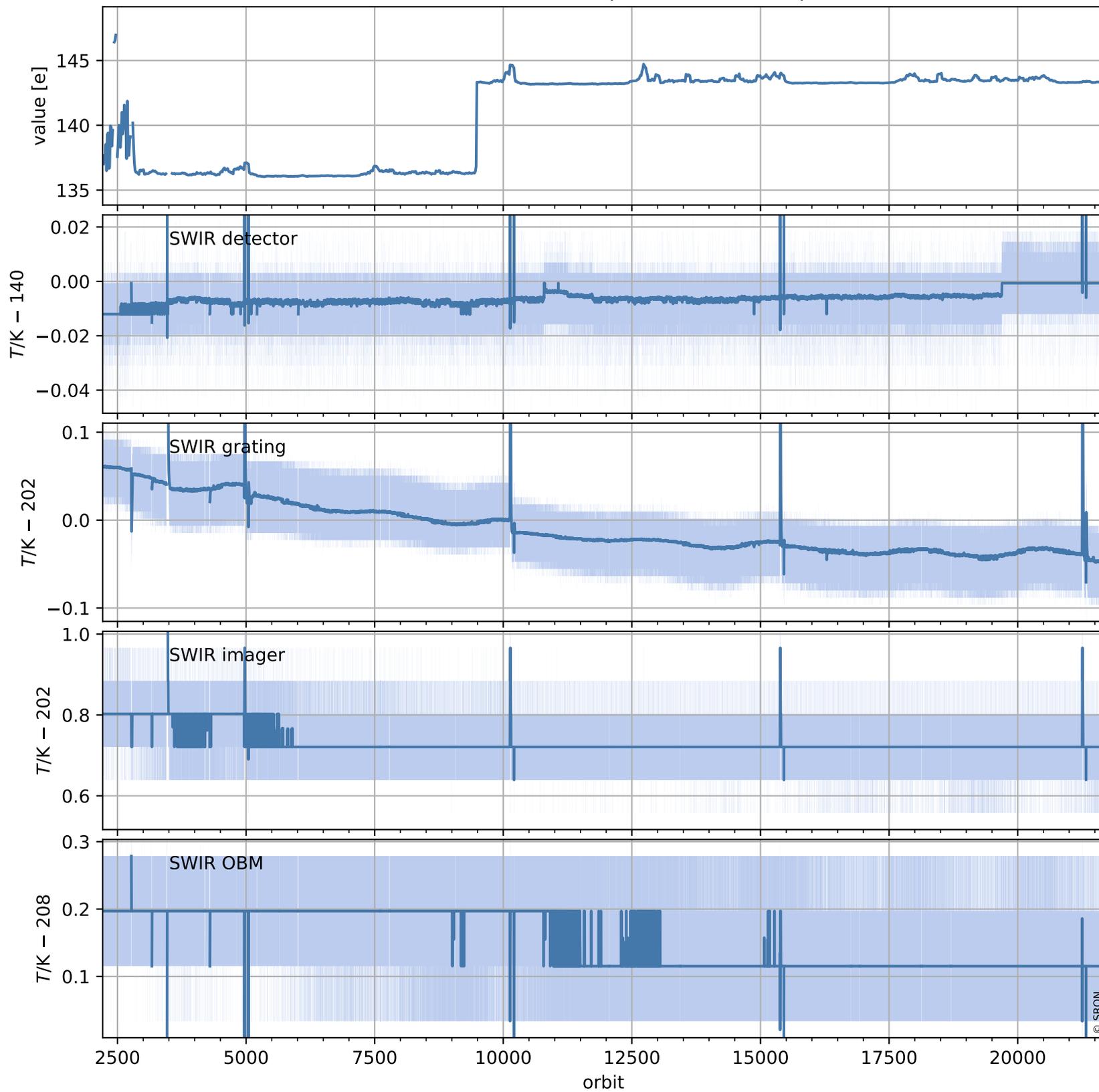
orbits : 12 in [21592, 21682]
coverage : 2021-12-13 / 2021-12-19
created : 2023-08-21T16:19:12



Tropomi SWIR background noise (swir)

orbits : [2212, 21682]
coverage : 2018-03-18 / 2021-12-19
created : 2023-08-21T16:19:13

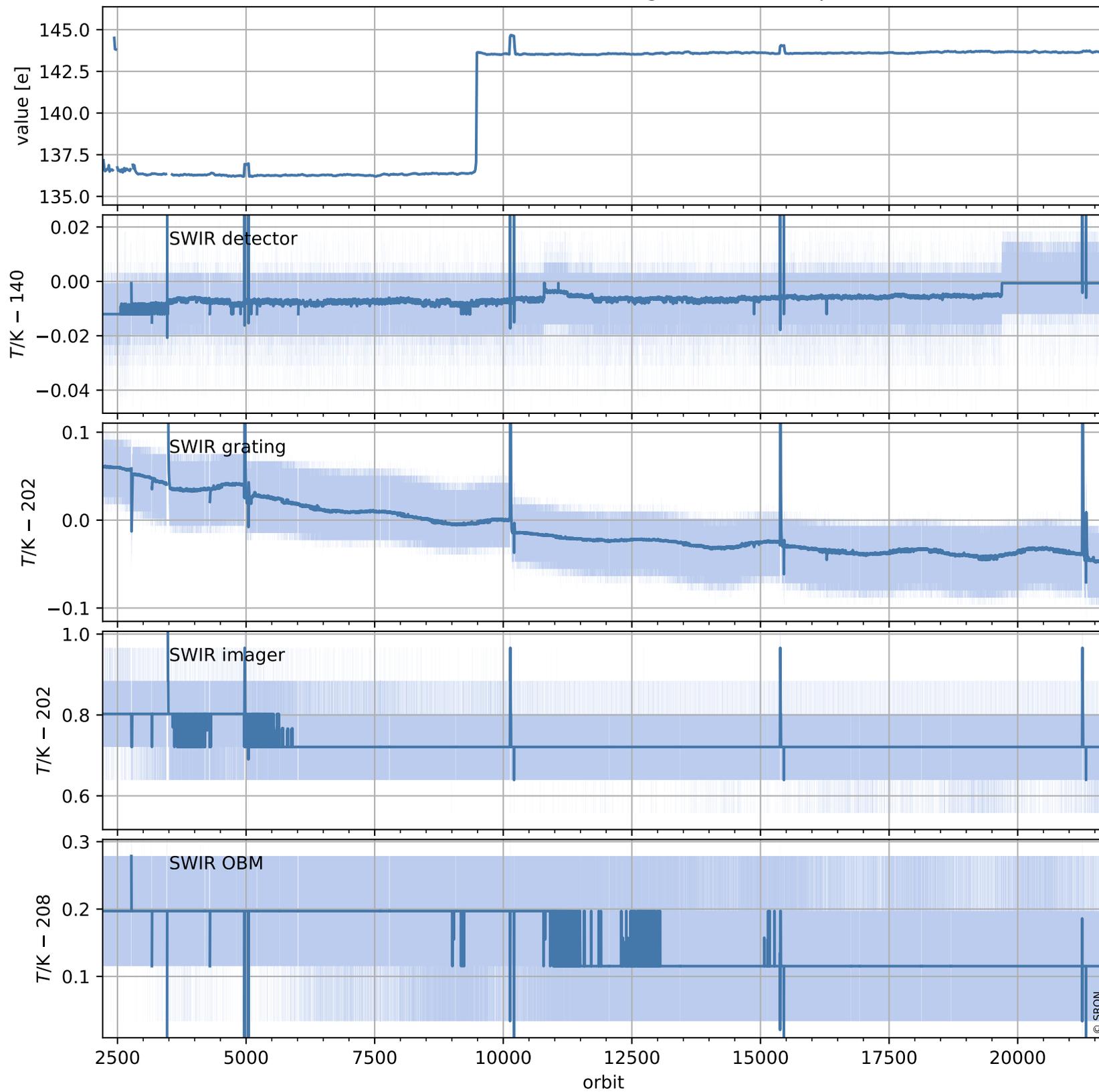
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21682]
coverage : 2018-03-18 / 2021-12-19
created : 2023-08-21T16:19:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21682]
coverage : 2018-03-18 / 2021-12-19
created : 2023-08-21T16:19:14

trend of normalized read-noise & temperatures

