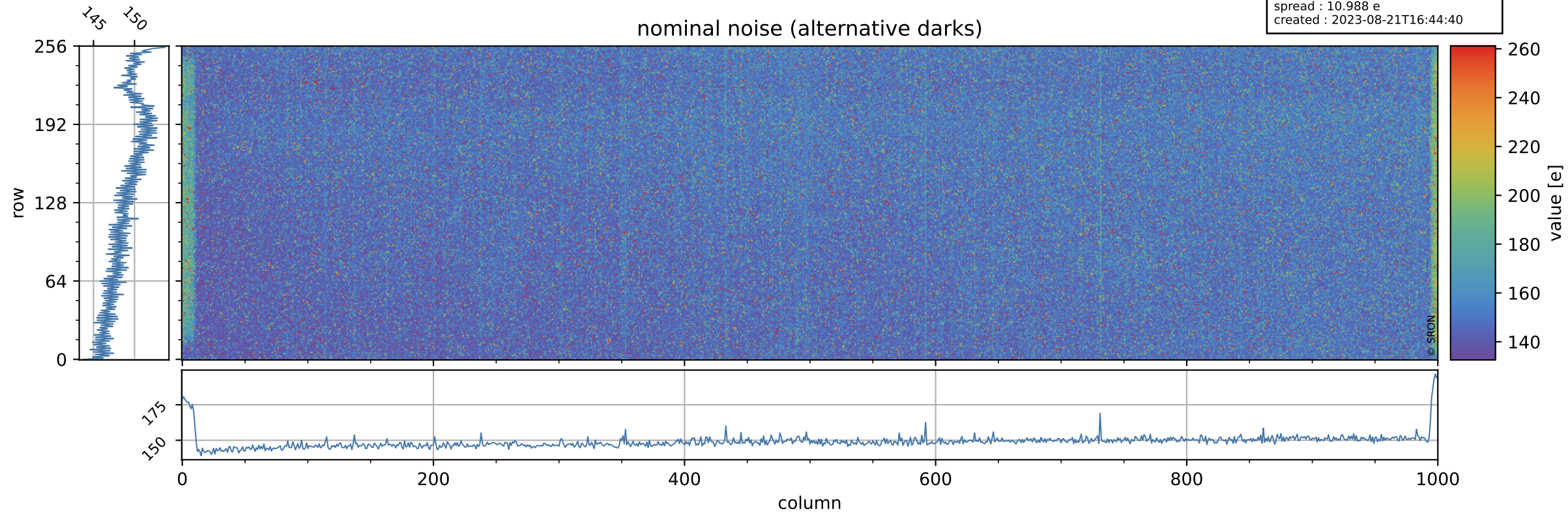


Tropomi SWIR background noise (swir)

orbits : 12 in [25642, 25732]
coverage : 2022-09-25 / 2022-09-30
n_coad, t_exp : 1, 1.0783
median : 148.82 e
spread : 10.988 e
created : 2023-08-21T16:44:40

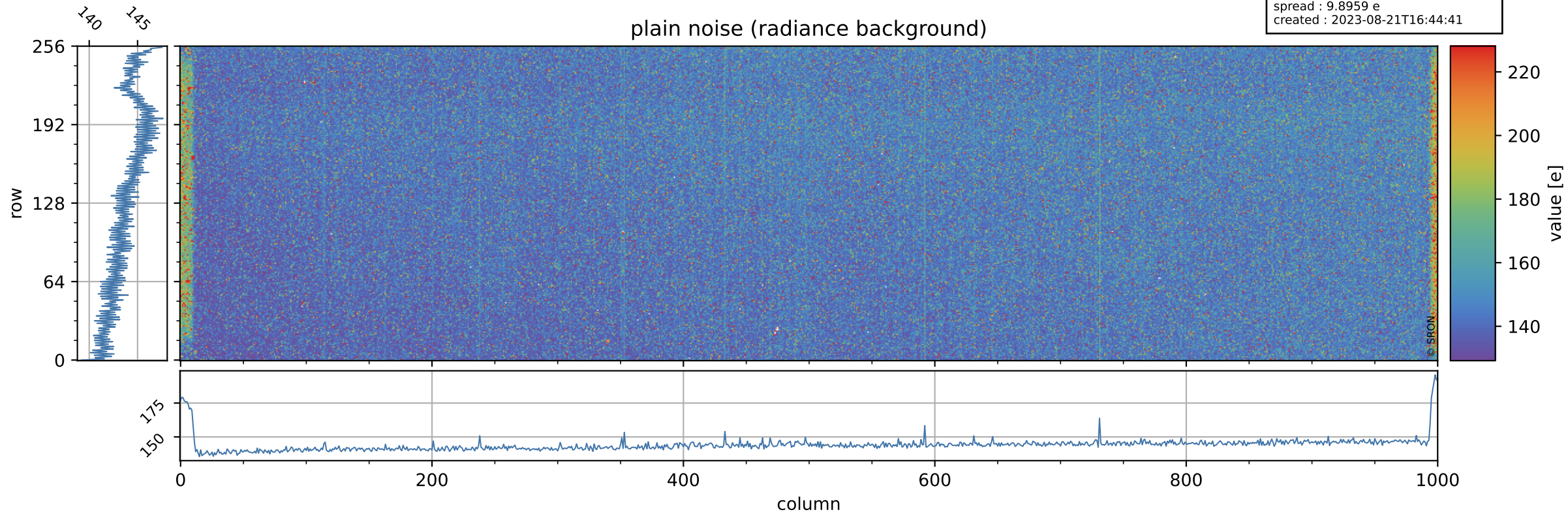
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25642, 25732]
coverage : 2022-09-25 / 2022-09-30
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.8959 e
created : 2023-08-21T16:44:41

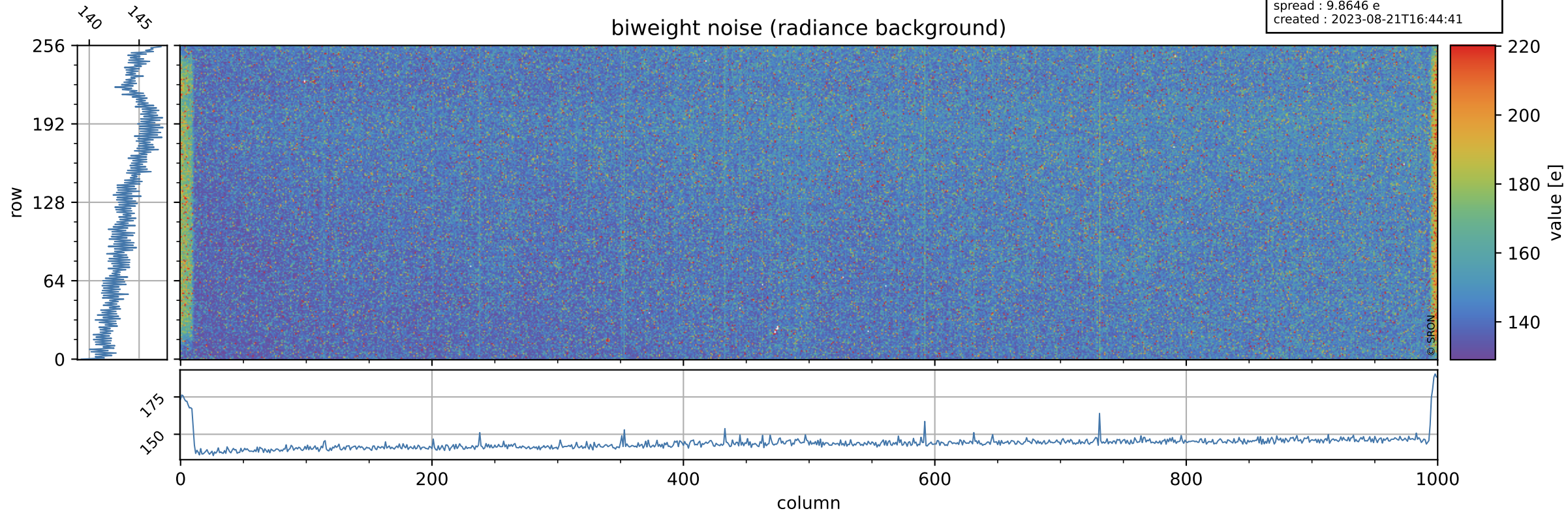
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25642, 25732]
coverage : 2022-09-25 / 2022-09-30
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.8646 e
created : 2023-08-21T16:44:41

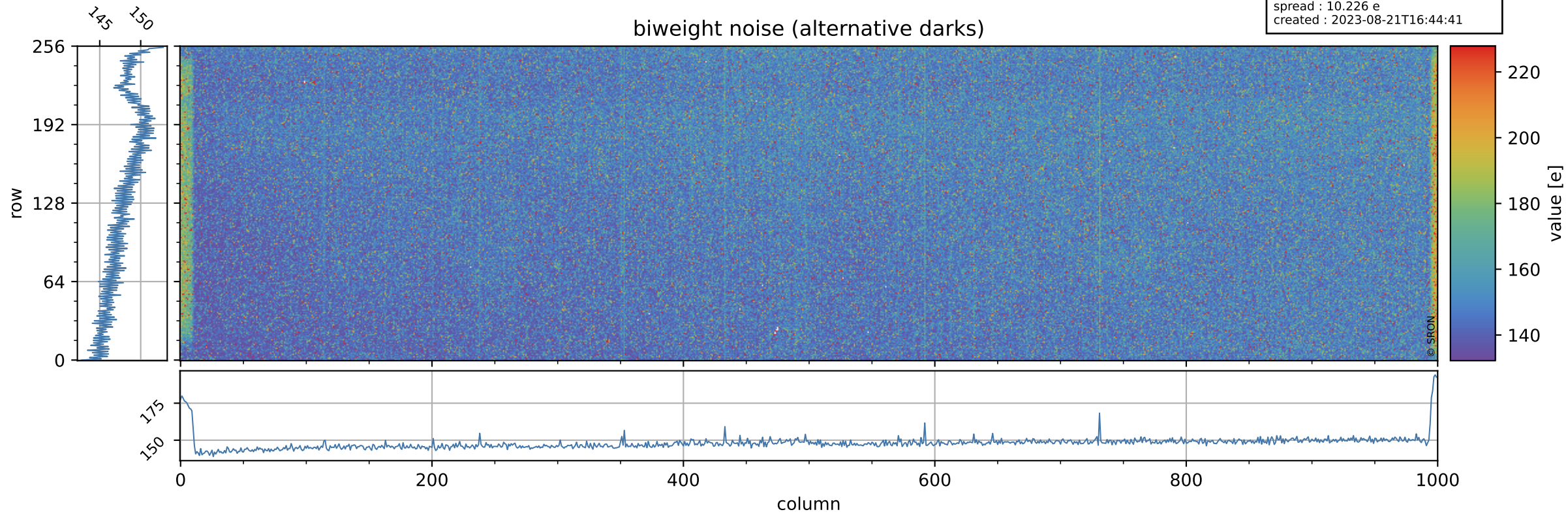
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25642, 25732]
coverage : 2022-09-25 / 2022-09-30
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.226 e
created : 2023-08-21T16:44:41

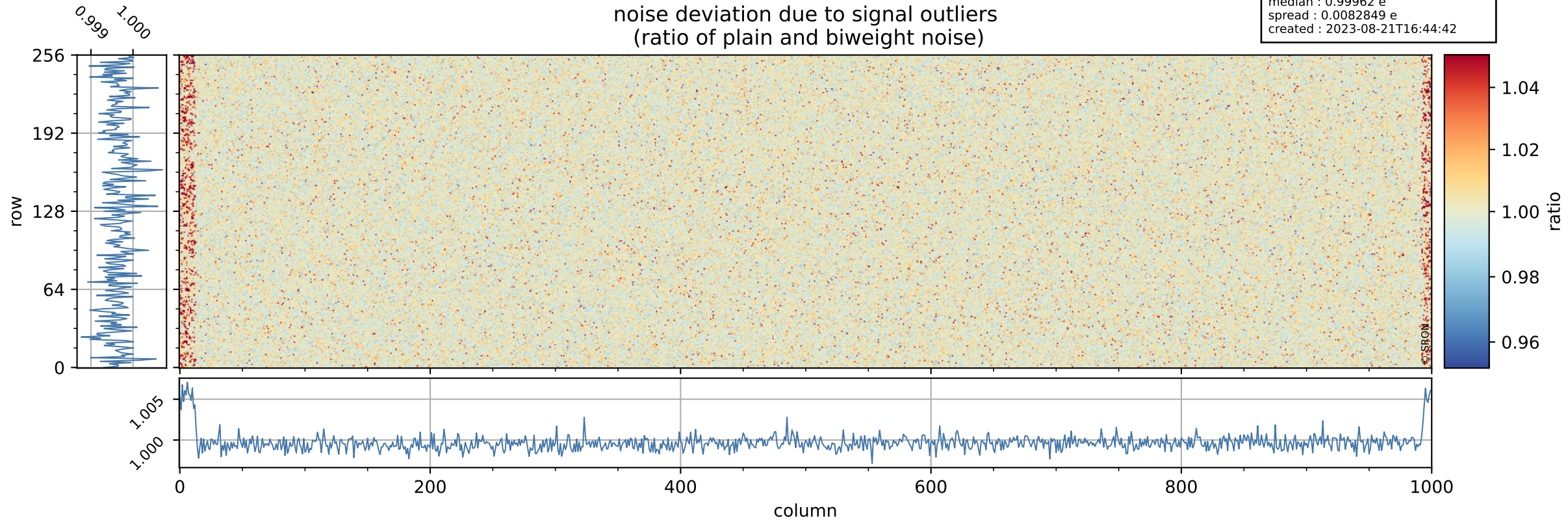
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

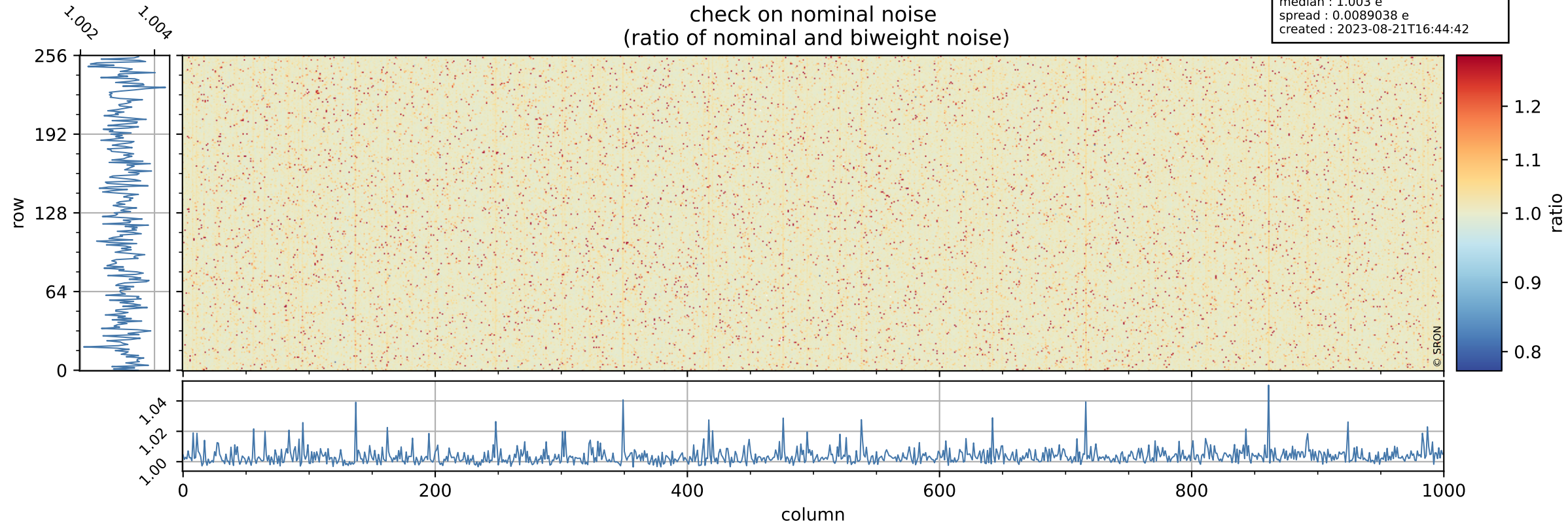
orbits : 12 in [25642, 25732]
coverage : 2022-09-25 / 2022-09-30
median : 0.99962 e
spread : 0.0082849 e
created : 2023-08-21T16:44:42



Tropomi SWIR background noise (swir)

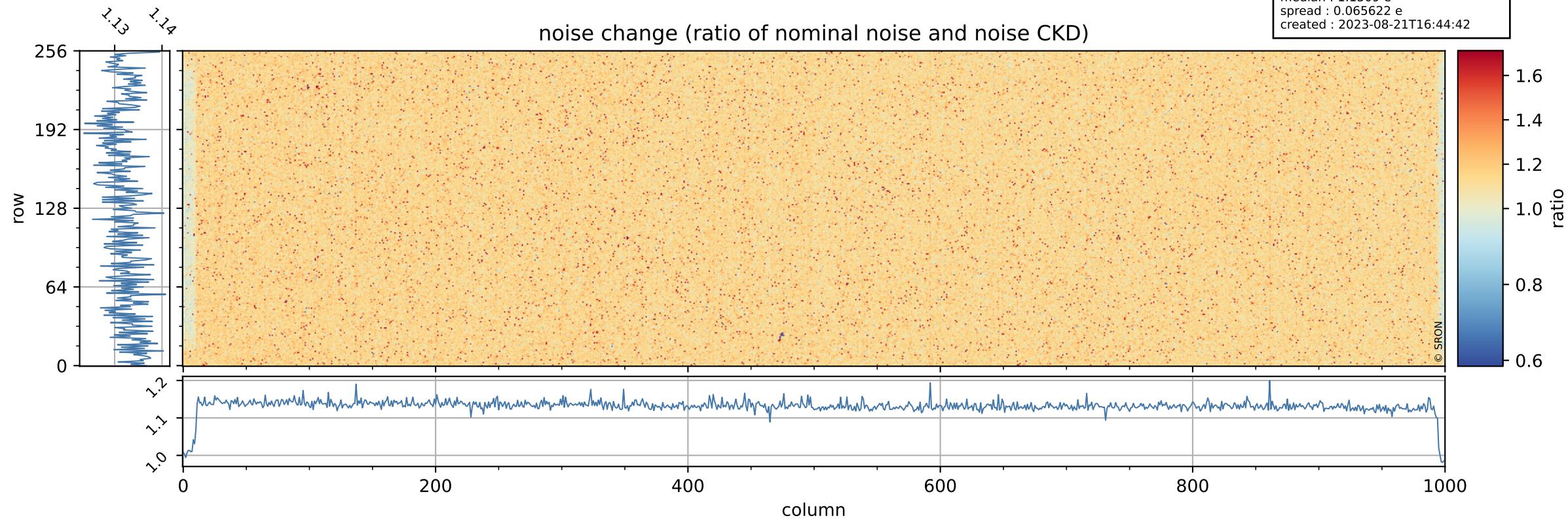
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25642, 25732]
coverage : 2022-09-25 / 2022-09-30
median : 1.003 e
spread : 0.0089038 e
created : 2023-08-21T16:44:42



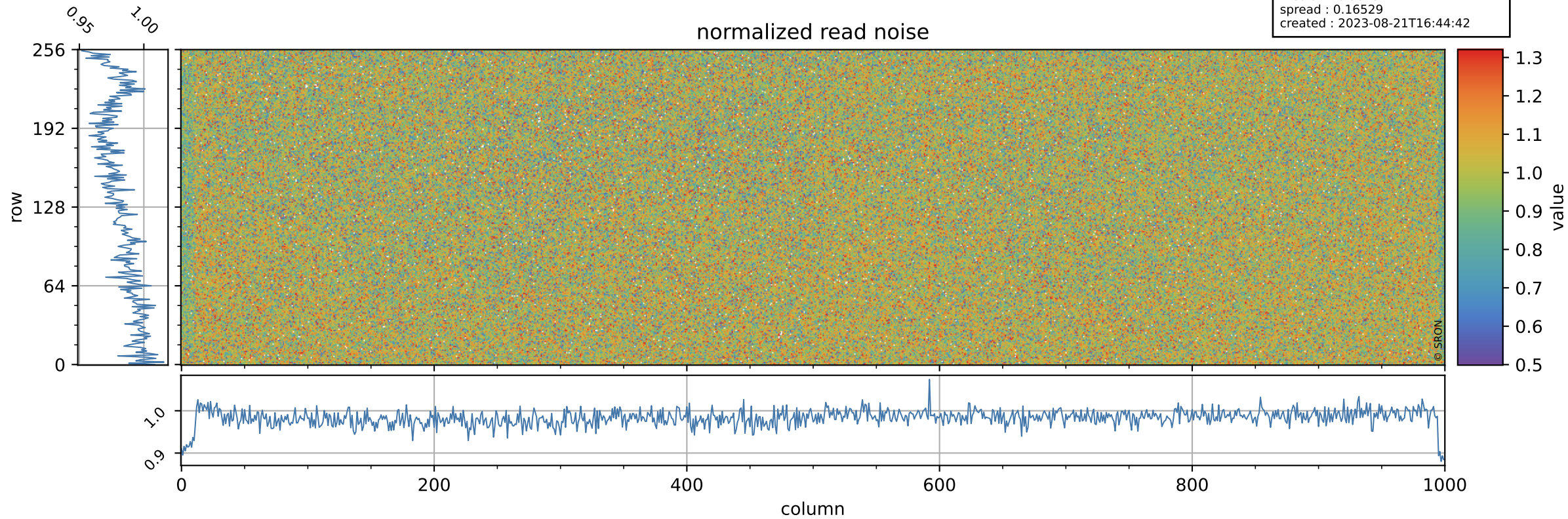
Tropomi SWIR background noise (swir)

orbits : 12 in [25642, 25732]
coverage : 2022-09-25 / 2022-09-30
median : 1.1309 e
spread : 0.065622 e
created : 2023-08-21T16:44:42



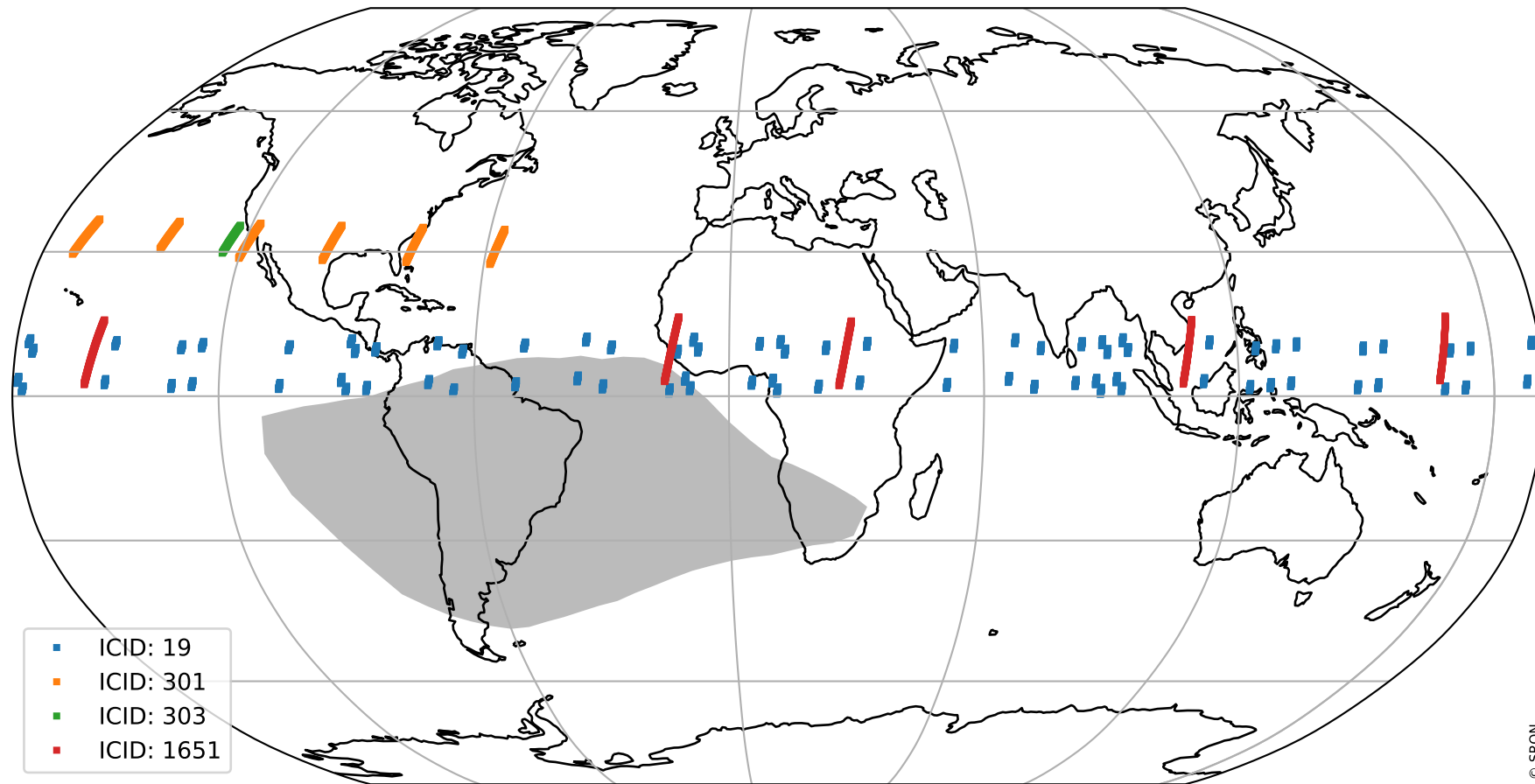
Tropomi SWIR background noise (swir)

orbits : 12 in [25642, 25732]
coverage : 2022-09-25 / 2022-09-30
median : 0.98154
spread : 0.16529
created : 2023-08-21T16:44:42



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

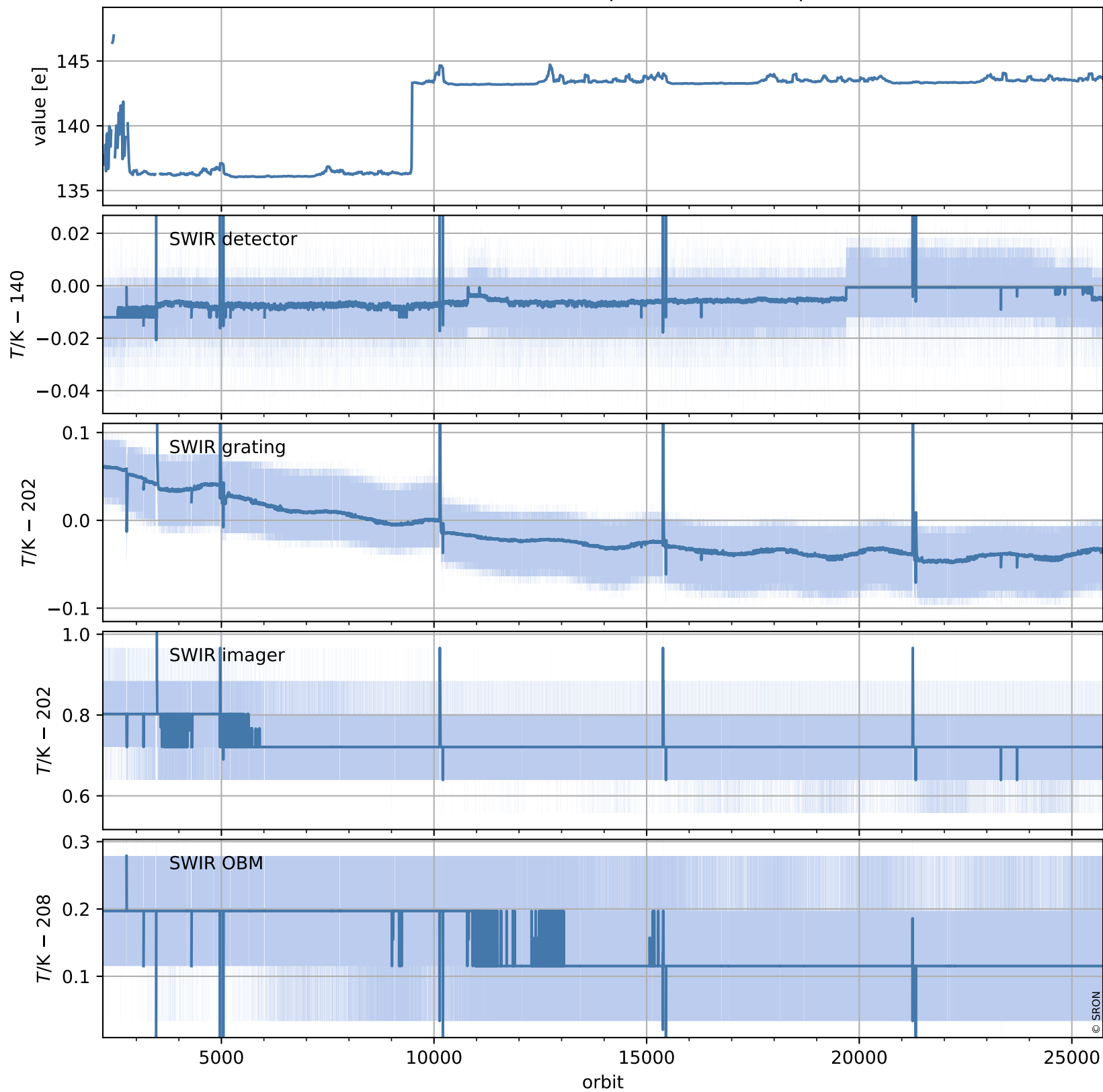
orbits : 12 in [25642, 25732]
coverage : 2022-09-25 / 2022-09-30
created : 2023-08-21T16:44:43



Tropomi SWIR background noise (swir)

orbits : [2212, 25732]
coverage : 2018-03-18 / 2022-09-30
created : 2023-08-21T16:44:43

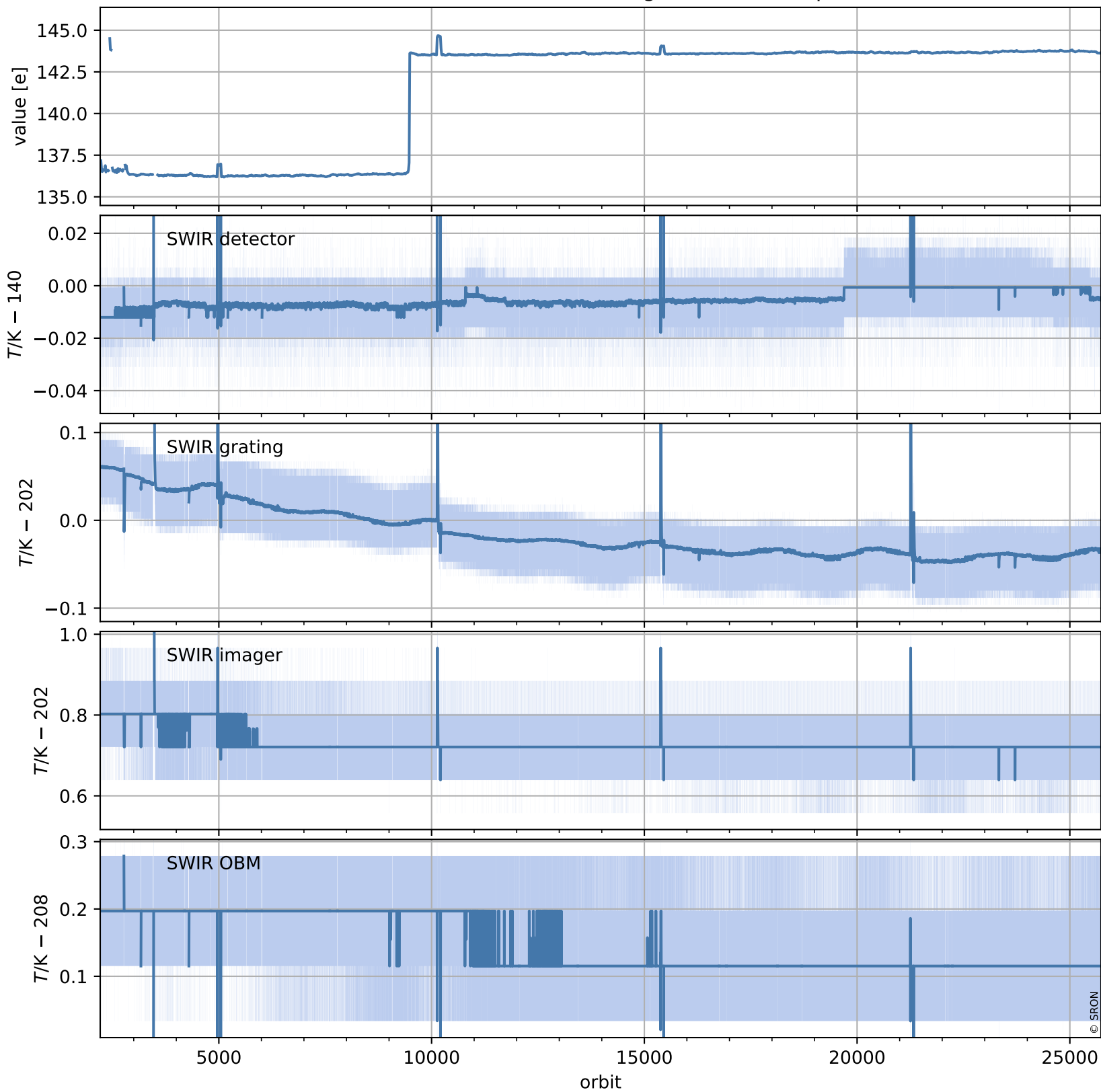
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25732]
coverage : 2018-03-18 / 2022-09-30
created : 2023-08-21T16:44:44

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25732]
coverage : 2018-03-18 / 2022-09-30
created : 2023-08-21T16:44:45

trend of normalized read-noise & temperatures

