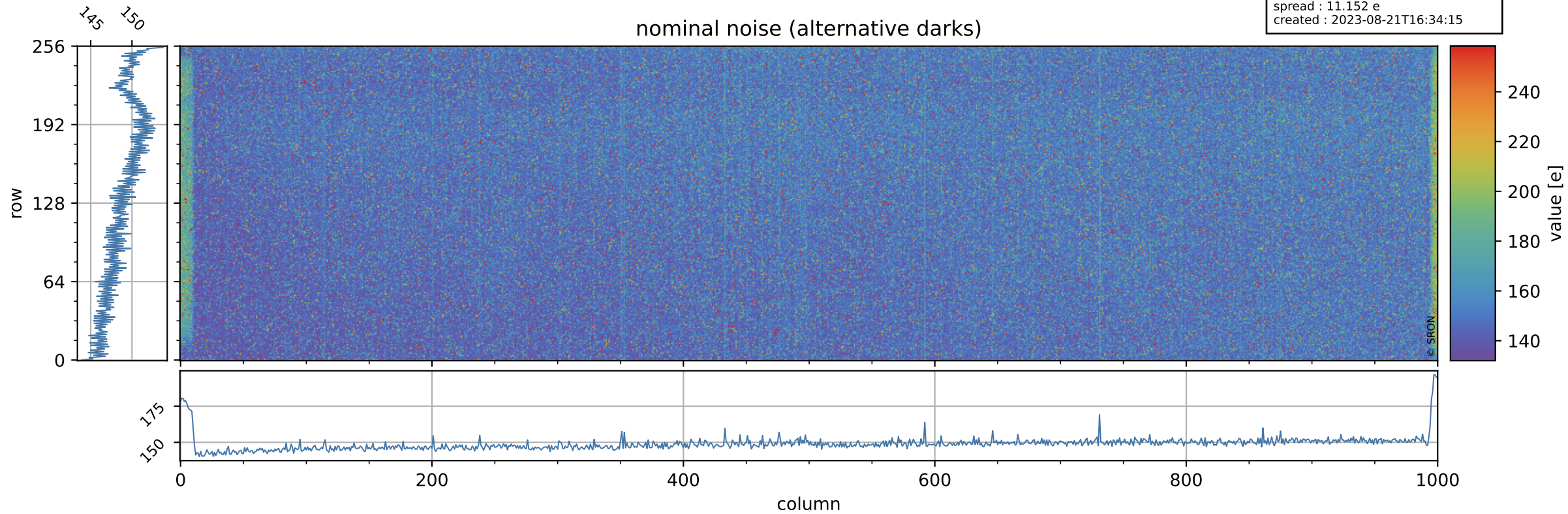


Tropomi SWIR background noise (swir)

orbits : 12 in [23977, 24052]
coverage : 2022-05-29 / 2022-06-04
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 11.152 e
created : 2023-08-21T16:34:15

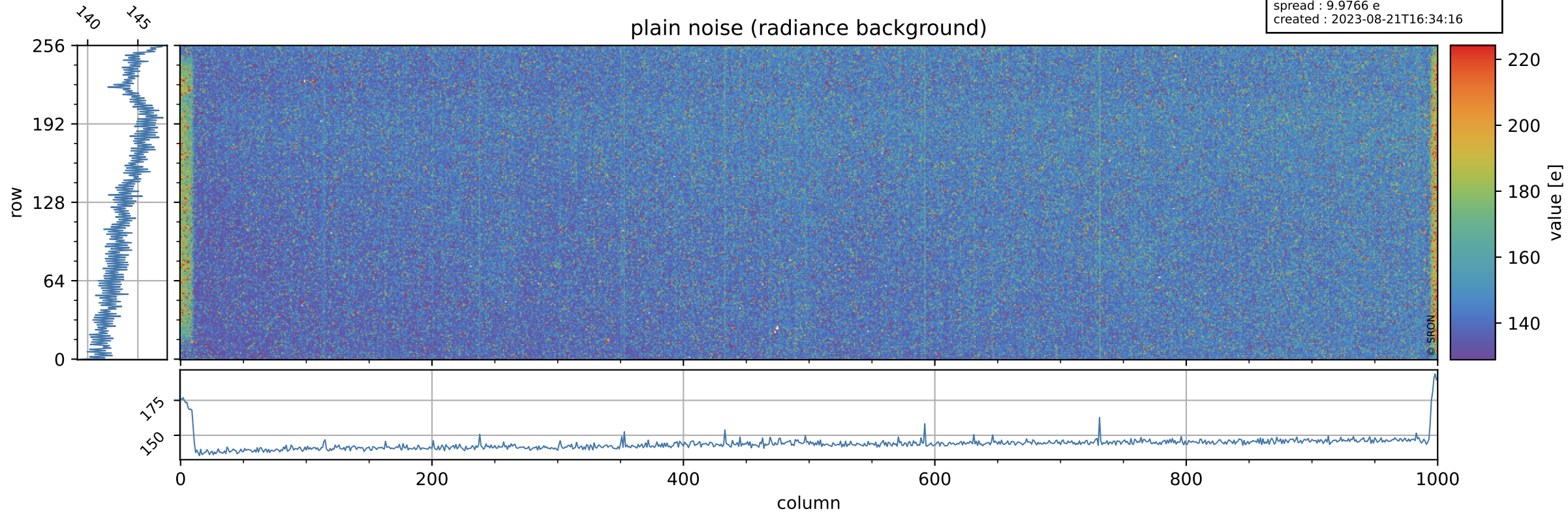
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23977, 24052]
coverage : 2022-05-29 / 2022-06-04
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.9766 e
created : 2023-08-21T16:34:16

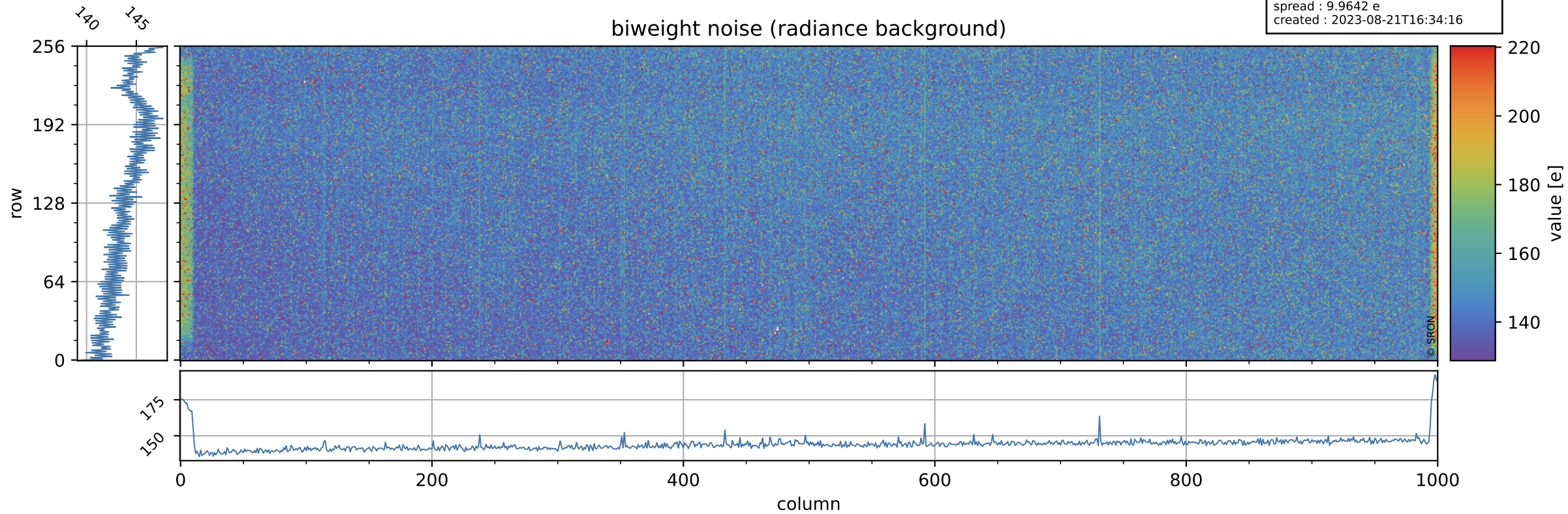
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23977, 24052]
coverage : 2022-05-29 / 2022-06-04
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.9642 e
created : 2023-08-21T16:34:16

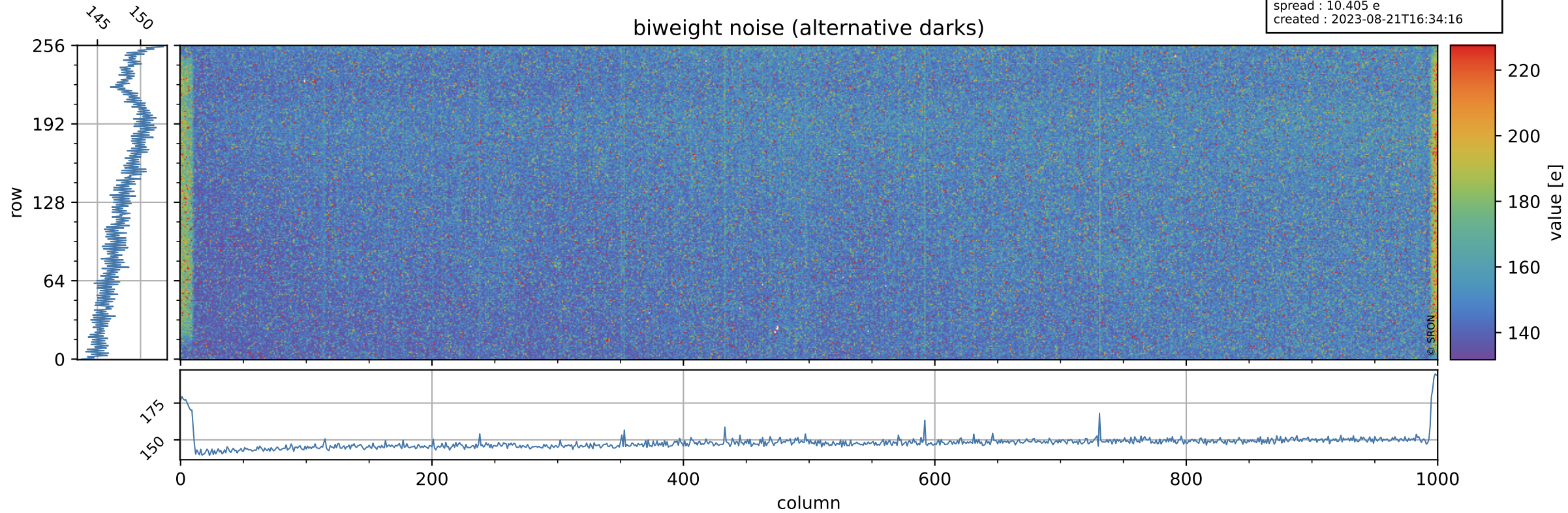
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23977, 24052]
coverage : 2022-05-29 / 2022-06-04
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.405 e
created : 2023-08-21T16:34:16

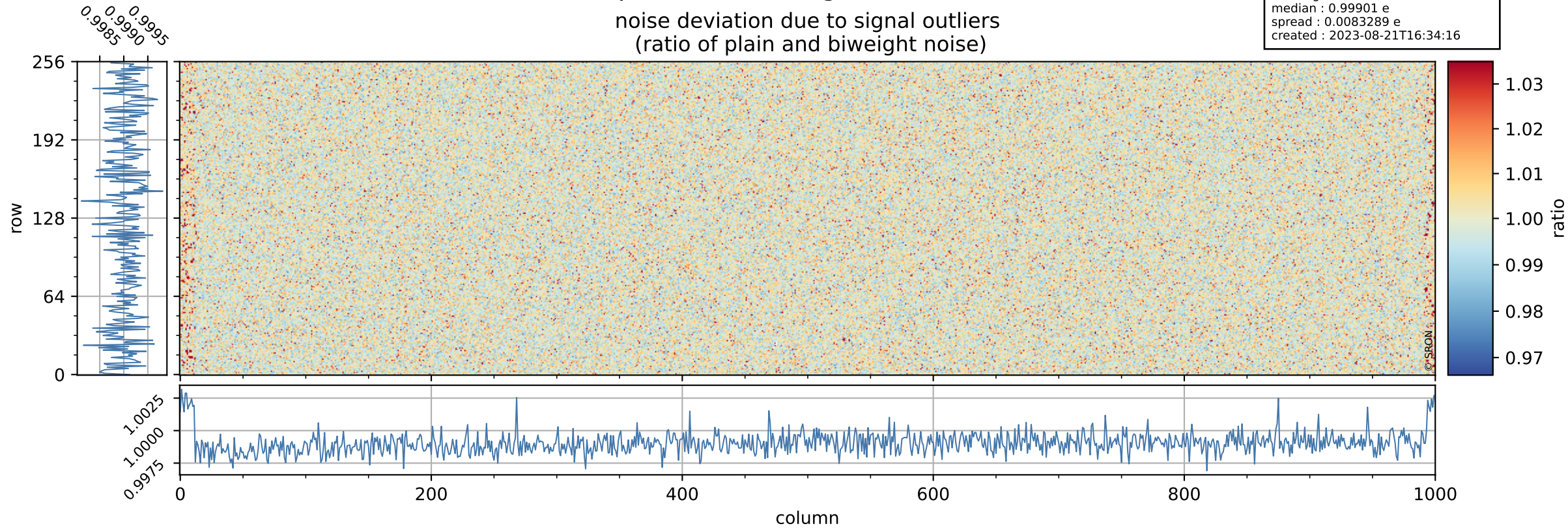
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

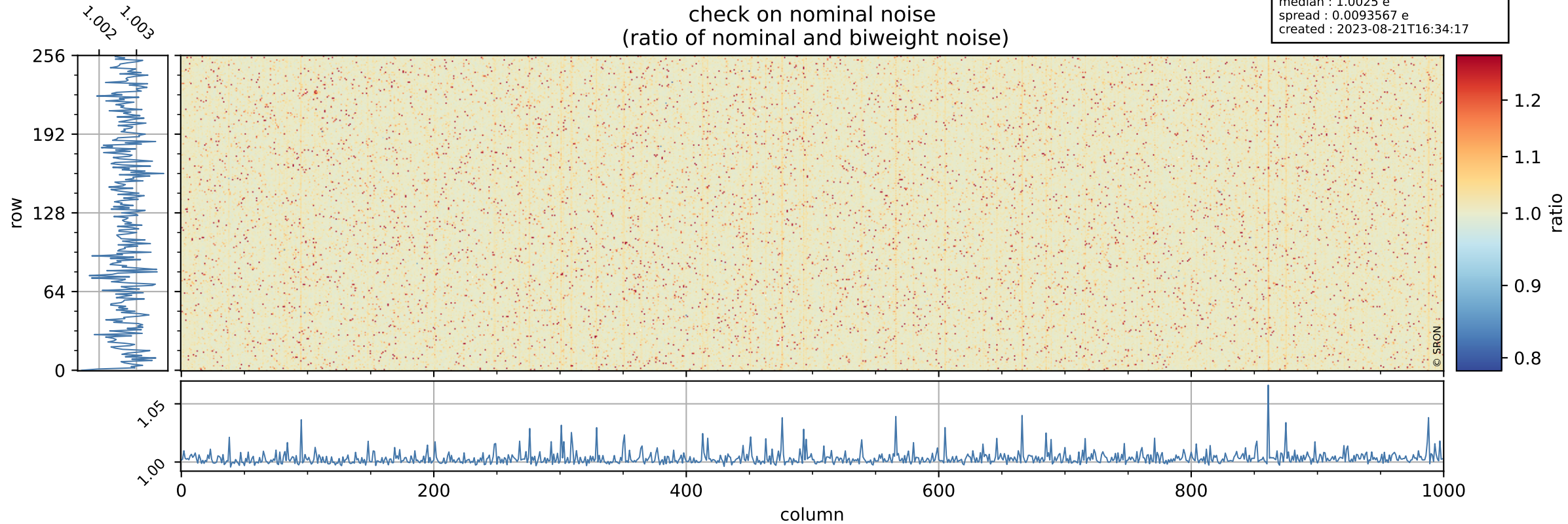
orbits : 12 in [23977, 24052]
coverage : 2022-05-29 / 2022-06-04
median : 0.99901 e
spread : 0.0083289 e
created : 2023-08-21T16:34:16



Tropomi SWIR background noise (swir)

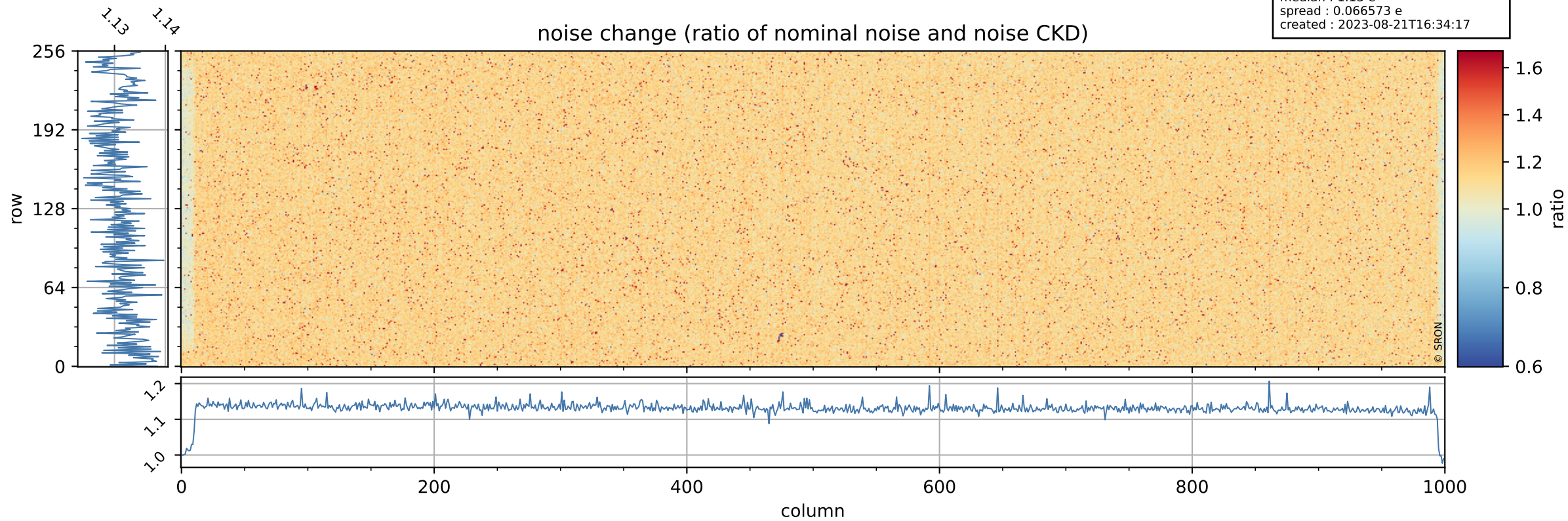
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23977, 24052]
coverage : 2022-05-29 / 2022-06-04
median : 1.0025 e
spread : 0.0093567 e
created : 2023-08-21T16:34:17



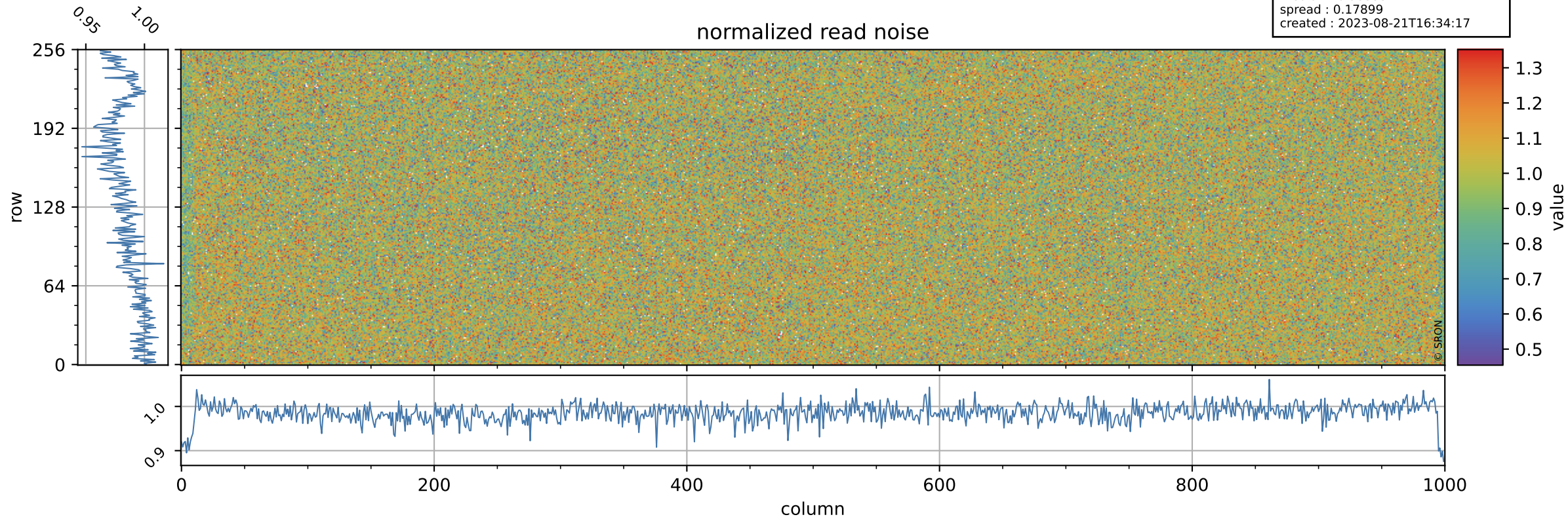
Tropomi SWIR background noise (swir)

orbits : 12 in [23977, 24052]
coverage : 2022-05-29 / 2022-06-04
median : 1.13 e
spread : 0.066573 e
created : 2023-08-21T16:34:17



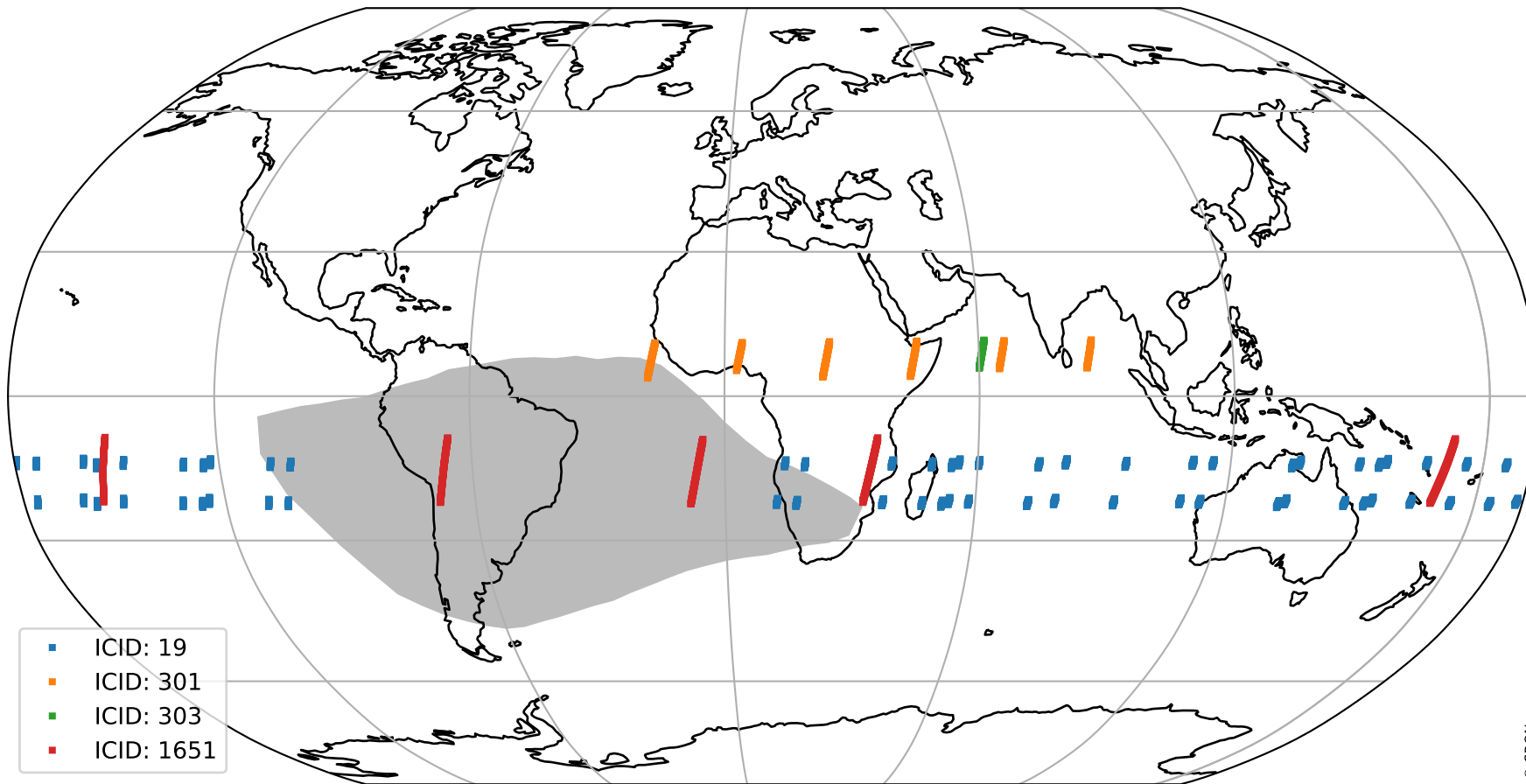
Tropomi SWIR background noise (swir)

orbits : 12 in [23977, 24052]
coverage : 2022-05-29 / 2022-06-04
median : 0.98335
spread : 0.17899
created : 2023-08-21T16:34:17



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

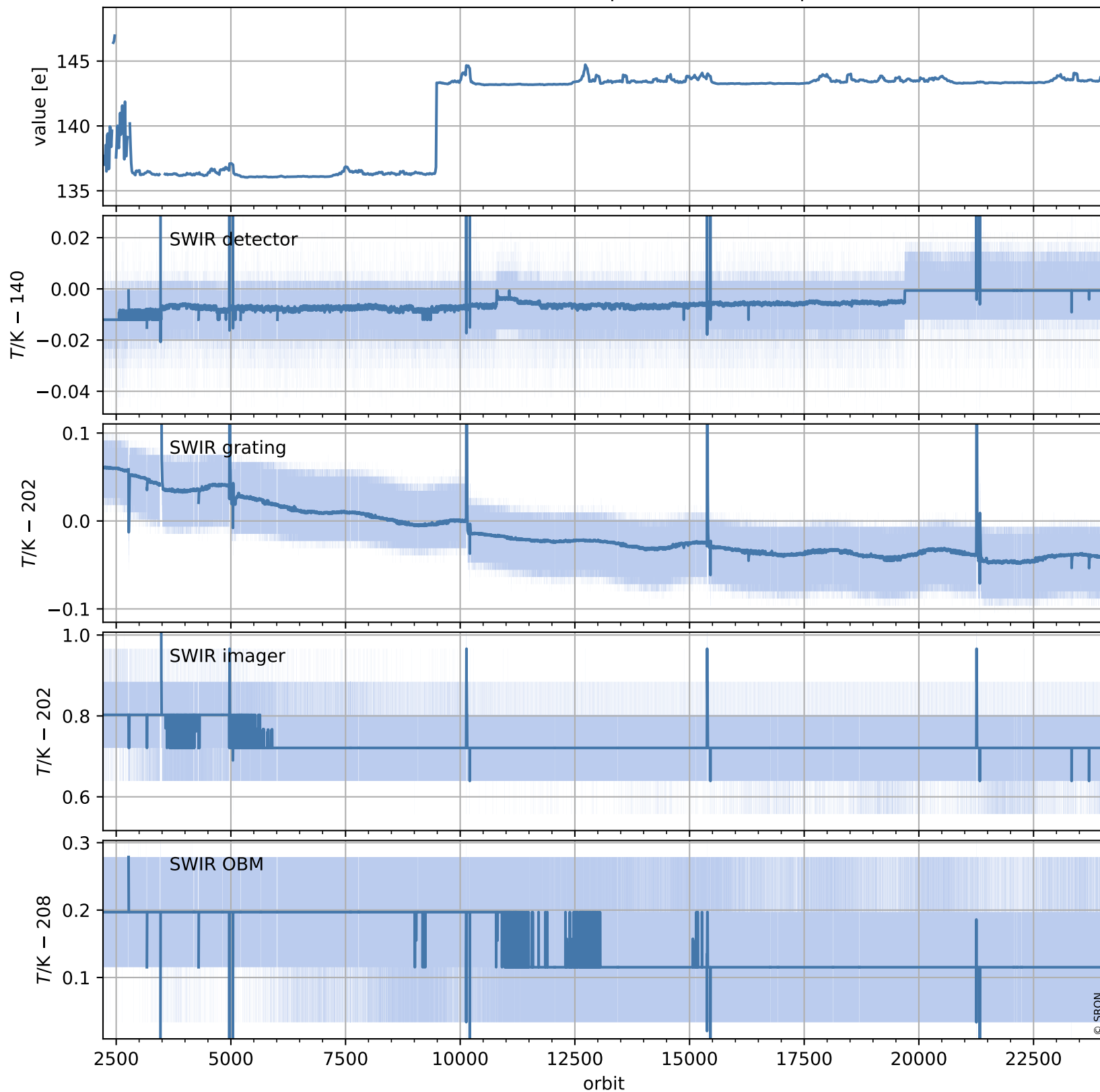
orbits : 12 in [23977, 24052]
coverage : 2022-05-29 / 2022-06-04
created : 2023-08-21T16:34:17



Tropomi SWIR background noise (swir)

orbits : [2212, 24052]
coverage : 2018-03-18 / 2022-06-04
created : 2023-08-21T16:34:18

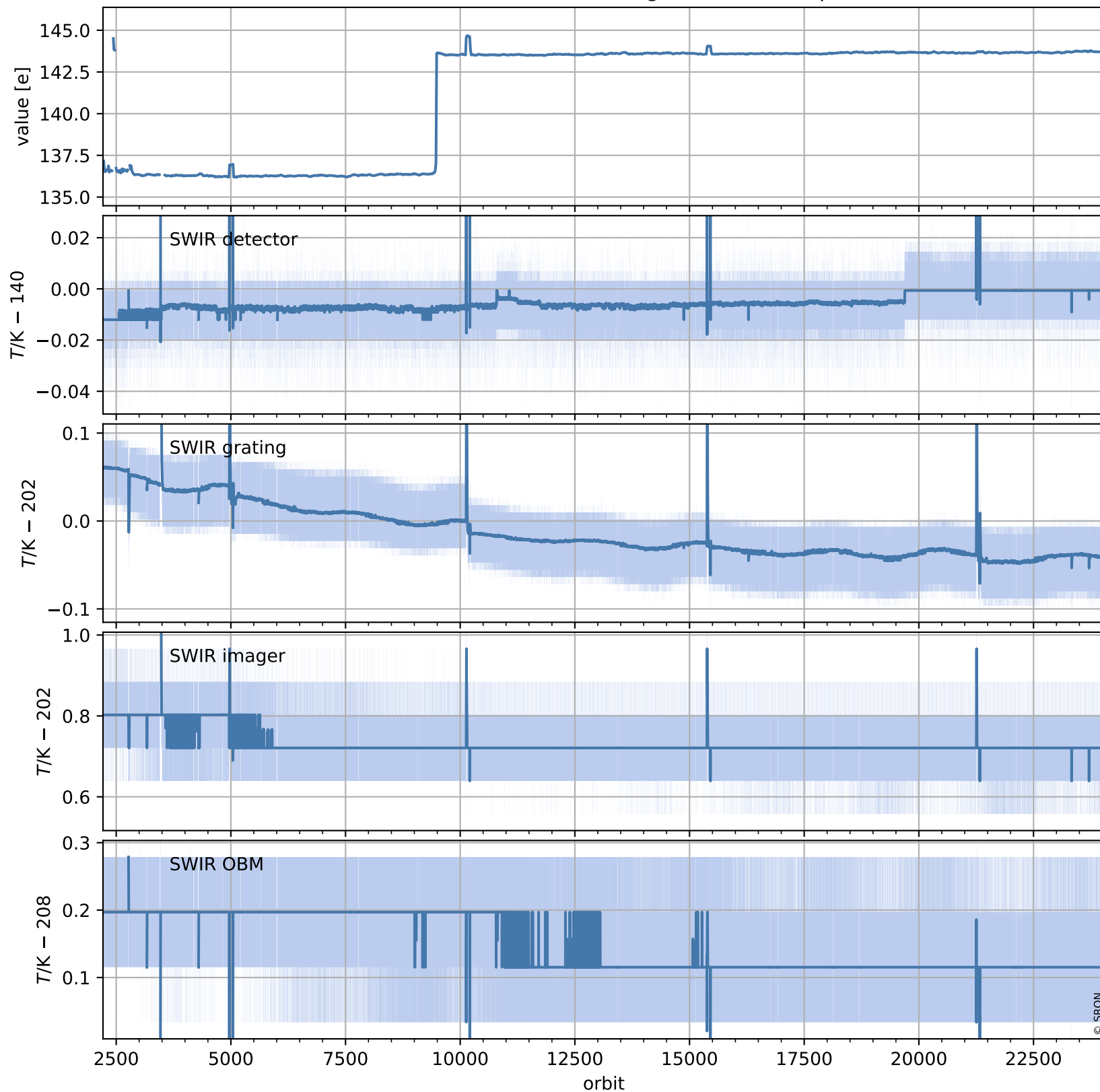
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24052]
coverage : 2018-03-18 / 2022-06-04
created : 2023-08-21T16:34:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24052]
coverage : 2018-03-18 / 2022-06-04
created : 2023-08-21T16:34:20

trend of normalized read-noise & temperatures

