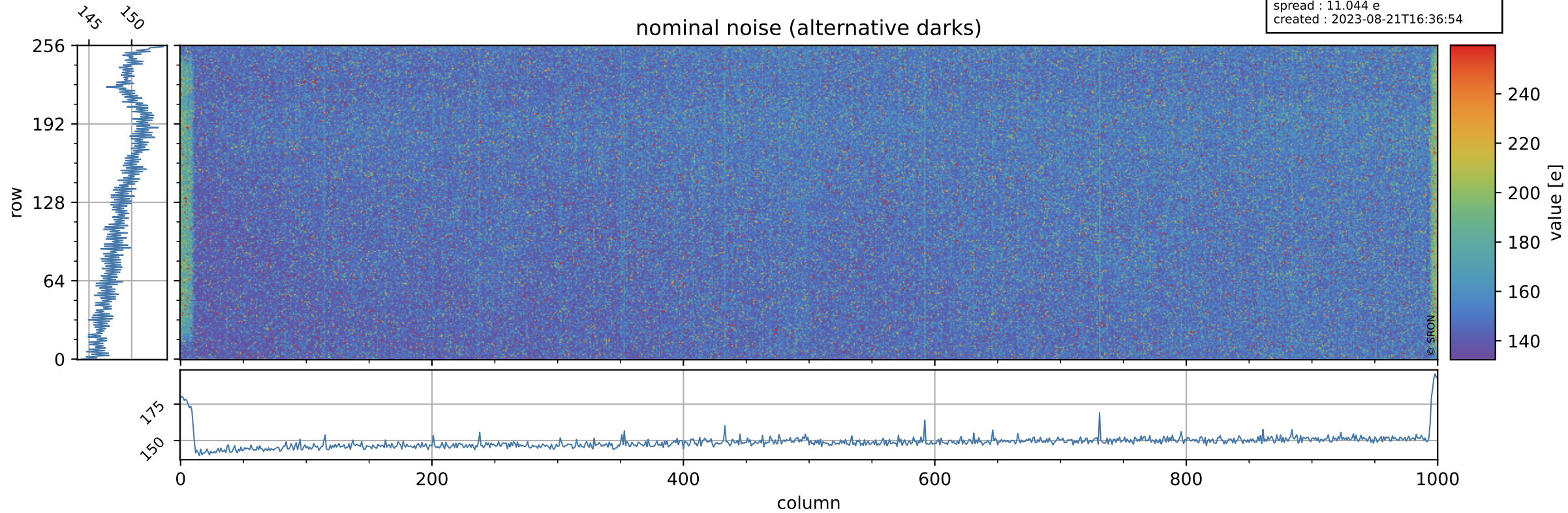


Tropomi SWIR background noise (swir)

orbits : 13 in [24367, 24457]
coverage : 2022-06-27 / 2022-07-03
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 11.044 e
created : 2023-08-21T16:36:54

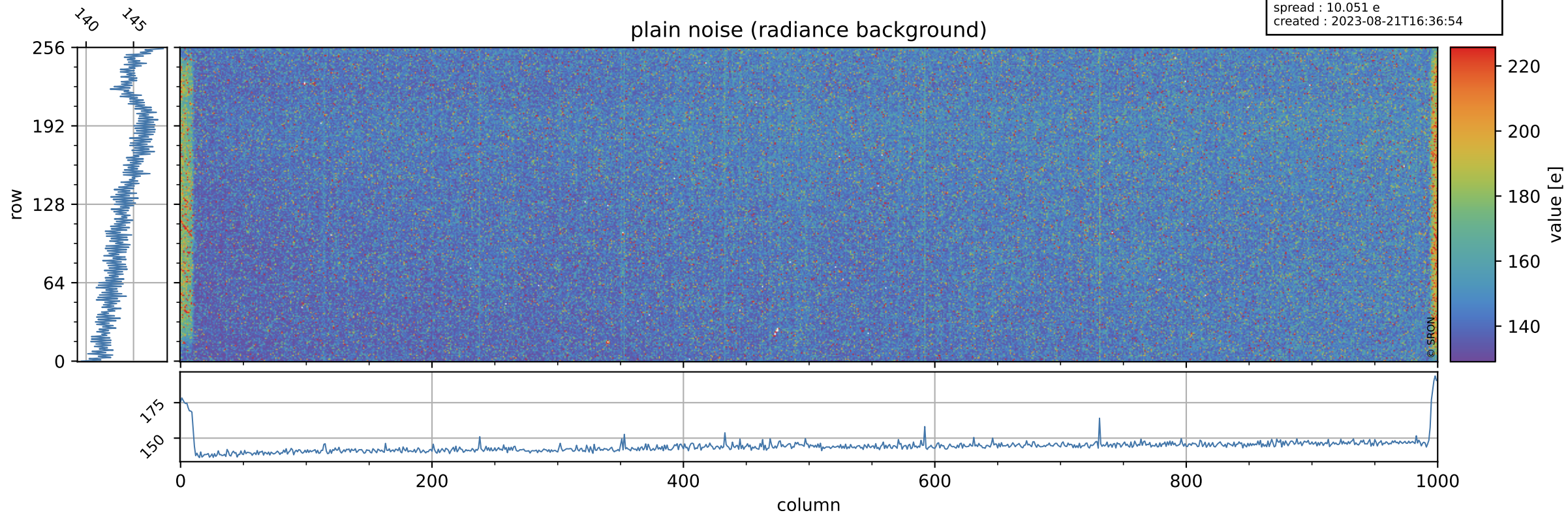
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [24367, 24457]
coverage : 2022-06-27 / 2022-07-03
n_coad, t_exp : 1, 0.8383
median : 143.99 e
spread : 10.051 e
created : 2023-08-21T16:36:54

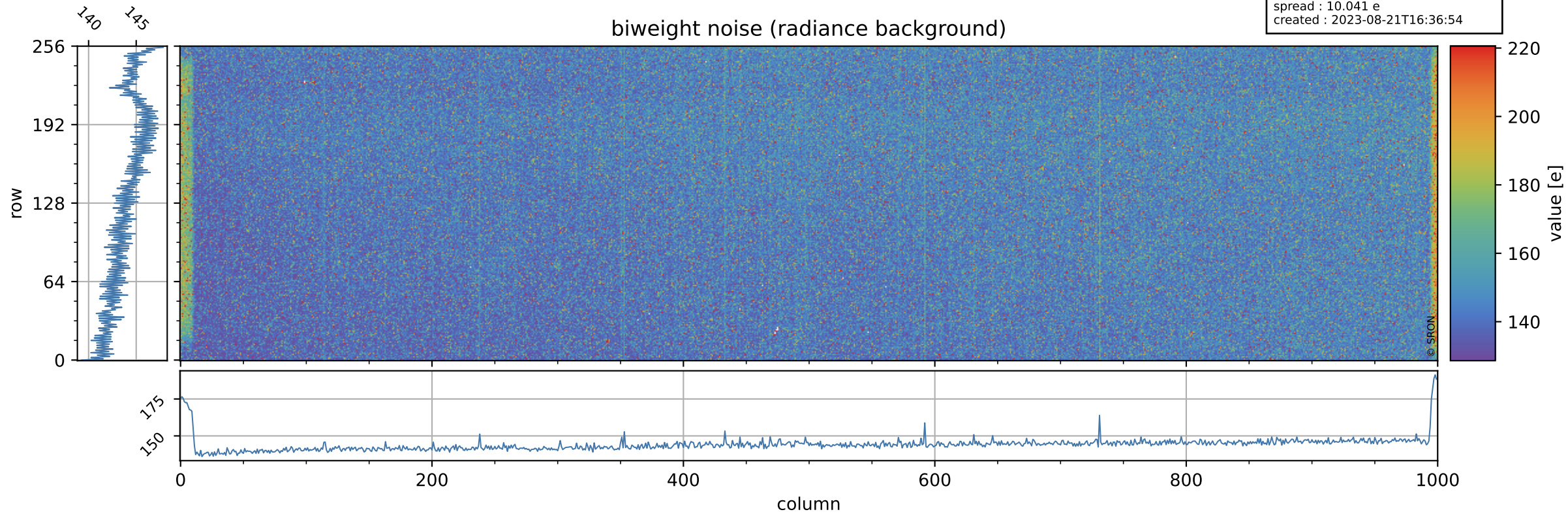
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24367, 24457]
coverage : 2022-06-27 / 2022-07-03
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 10.041 e
created : 2023-08-21T16:36:54

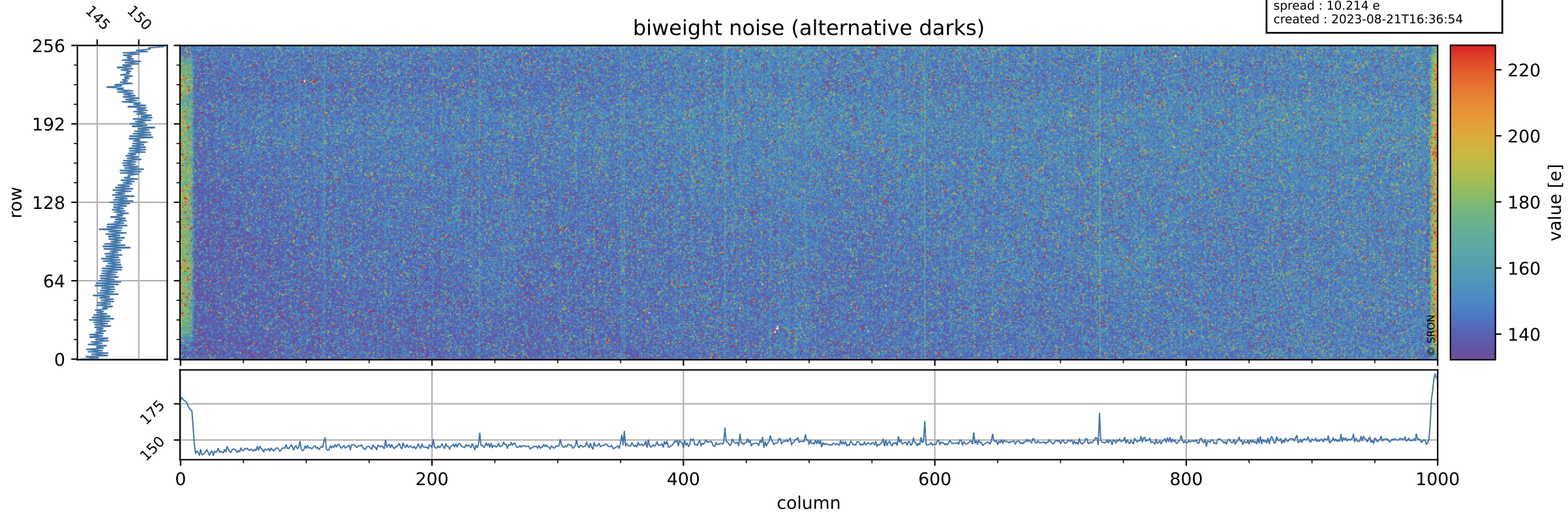
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24367, 24457]
coverage : 2022-06-27 / 2022-07-03
n_coad, t_exp : 1, 1.0783
median : 147.83 e
spread : 10.214 e
created : 2023-08-21T16:36:54

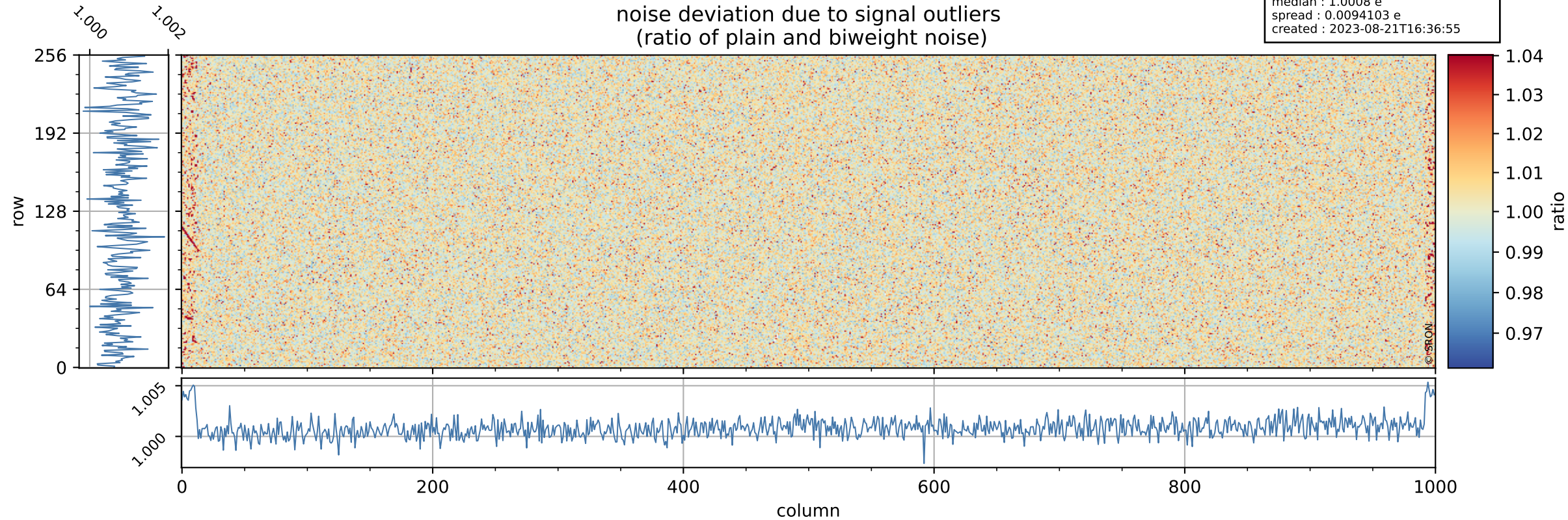
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

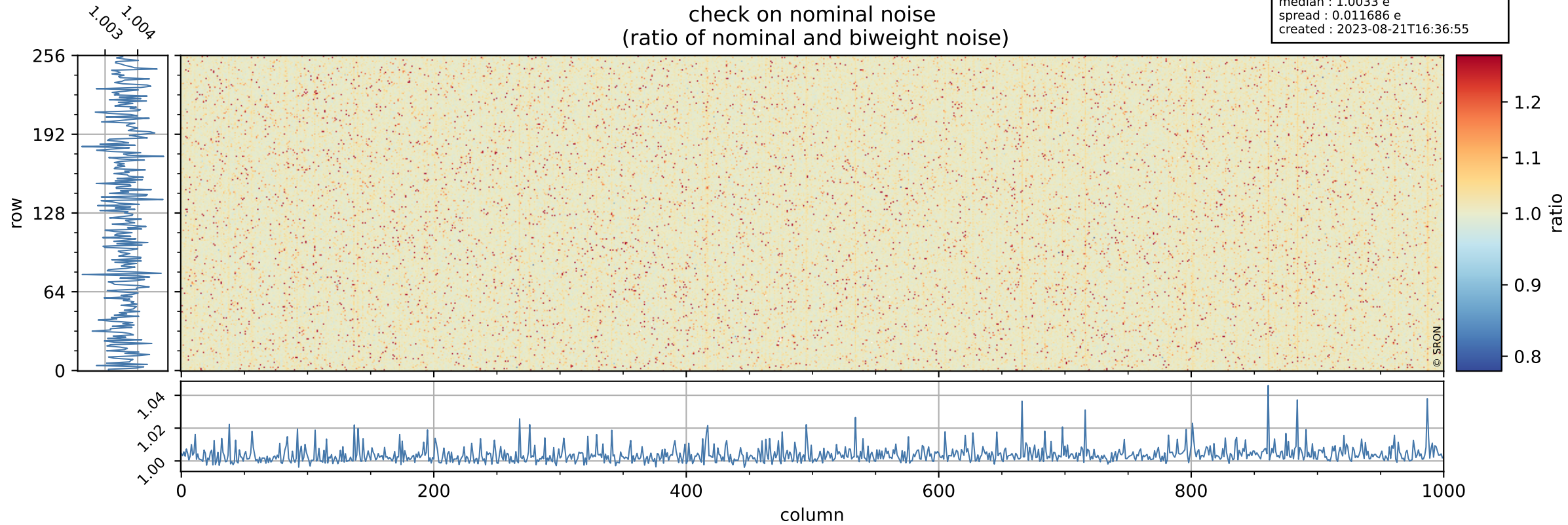
orbits : 13 in [24367, 24457]
coverage : 2022-06-27 / 2022-07-03
median : 1.0008 e
spread : 0.0094103 e
created : 2023-08-21T16:36:55



Tropomi SWIR background noise (swir)

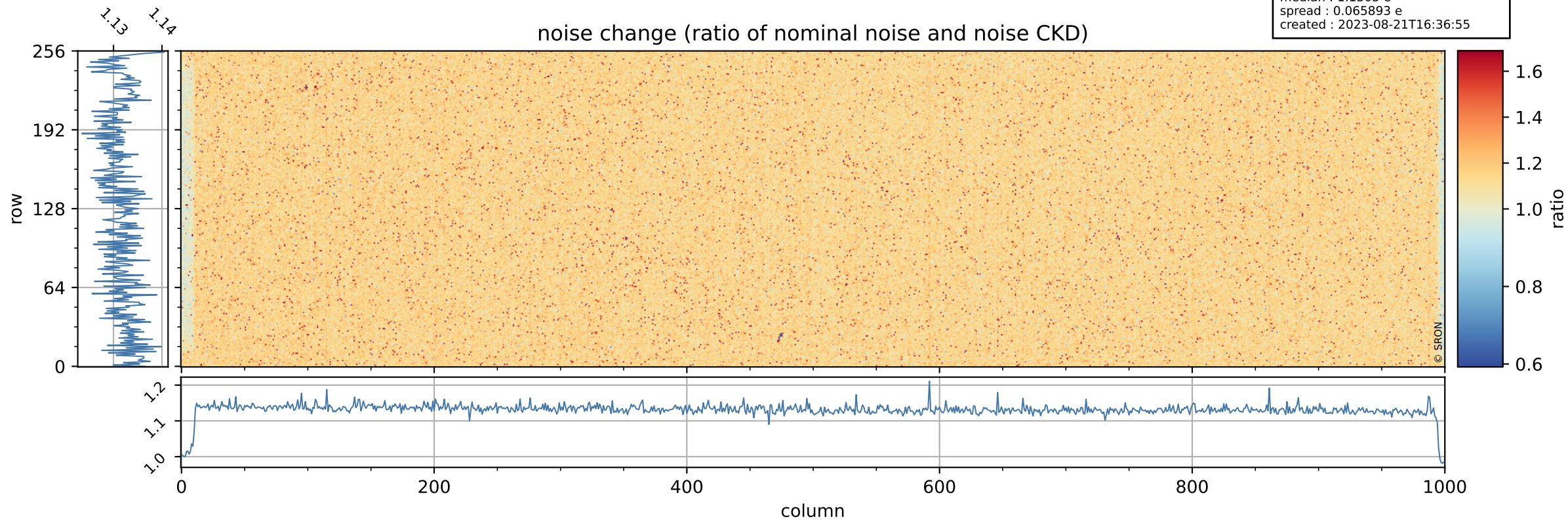
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [24367, 24457]
coverage : 2022-06-27 / 2022-07-03
median : 1.0033 e
spread : 0.011686 e
created : 2023-08-21T16:36:55



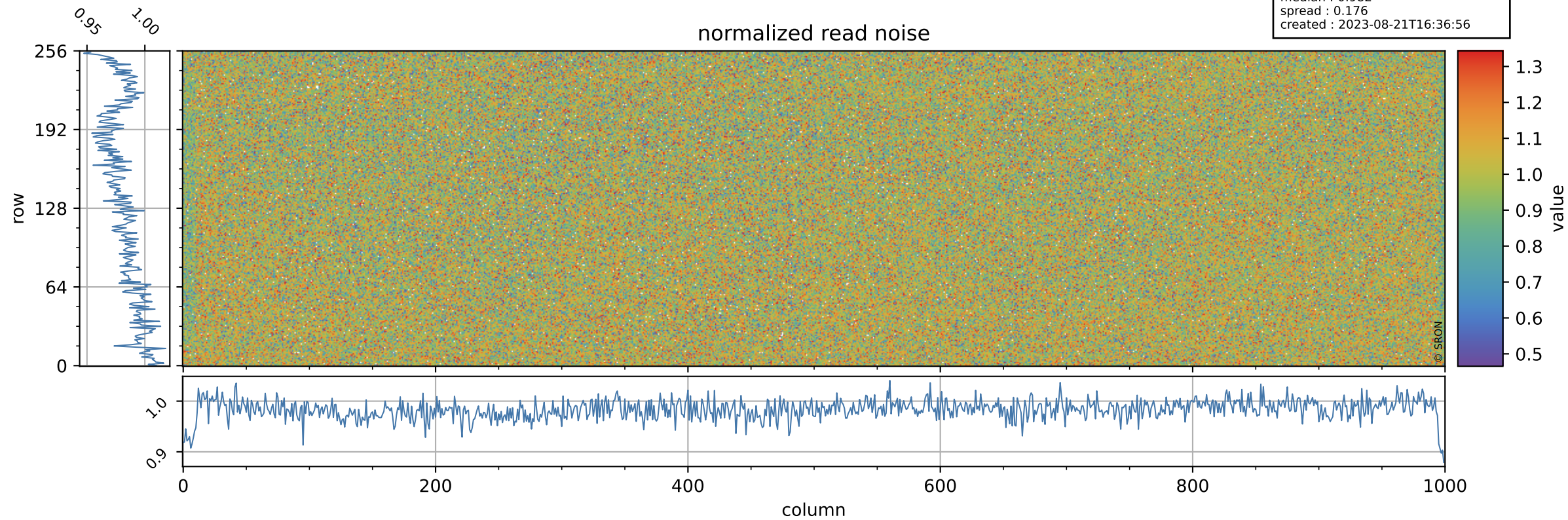
Tropomi SWIR background noise (swir)

orbits : 13 in [24367, 24457]
coverage : 2022-06-27 / 2022-07-03
median : 1.1305 e
spread : 0.065893 e
created : 2023-08-21T16:36:55



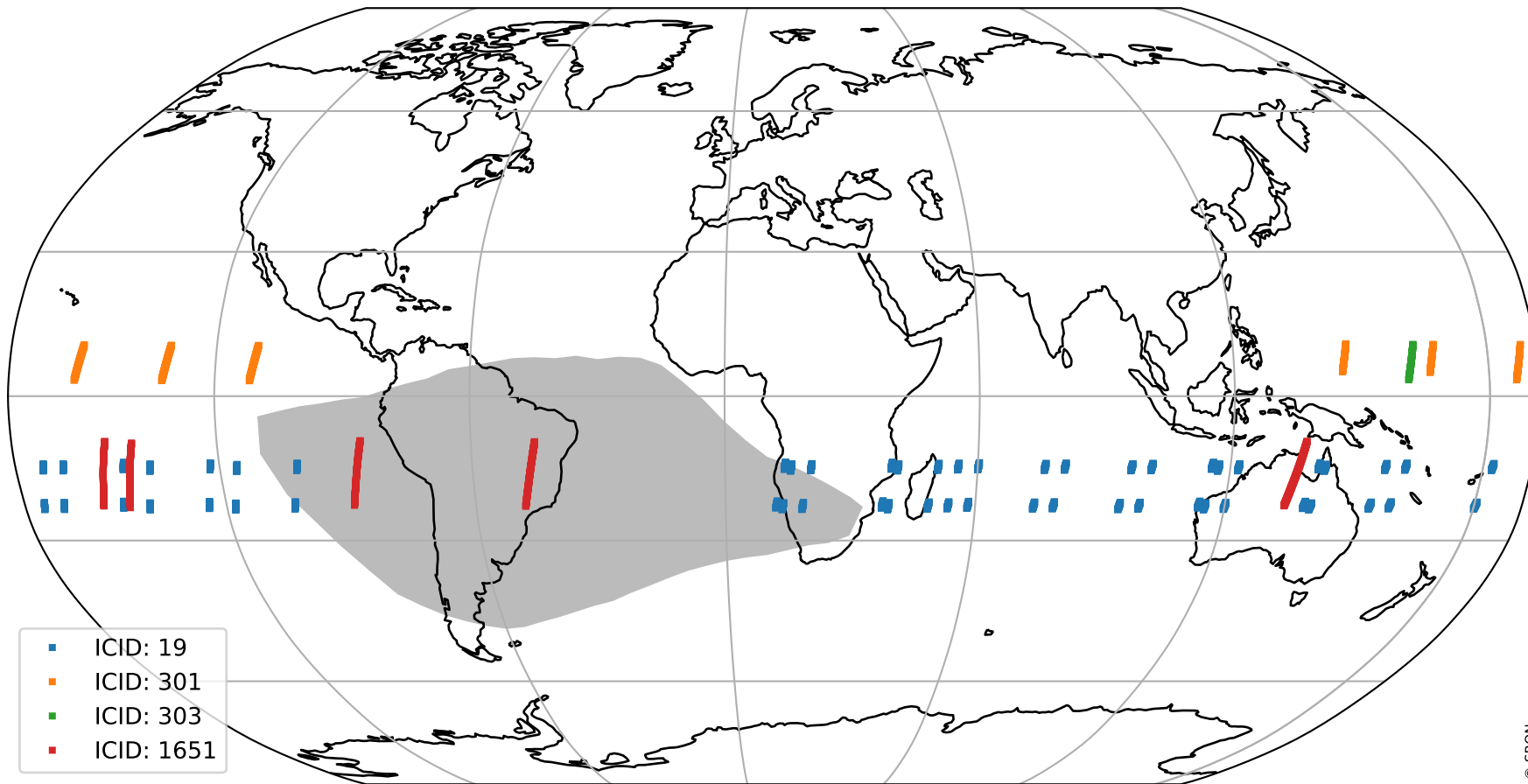
Tropomi SWIR background noise (swir)

orbits : 13 in [24367, 24457]
coverage : 2022-06-27 / 2022-07-03
median : 0.982
spread : 0.176
created : 2023-08-21T16:36:56



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

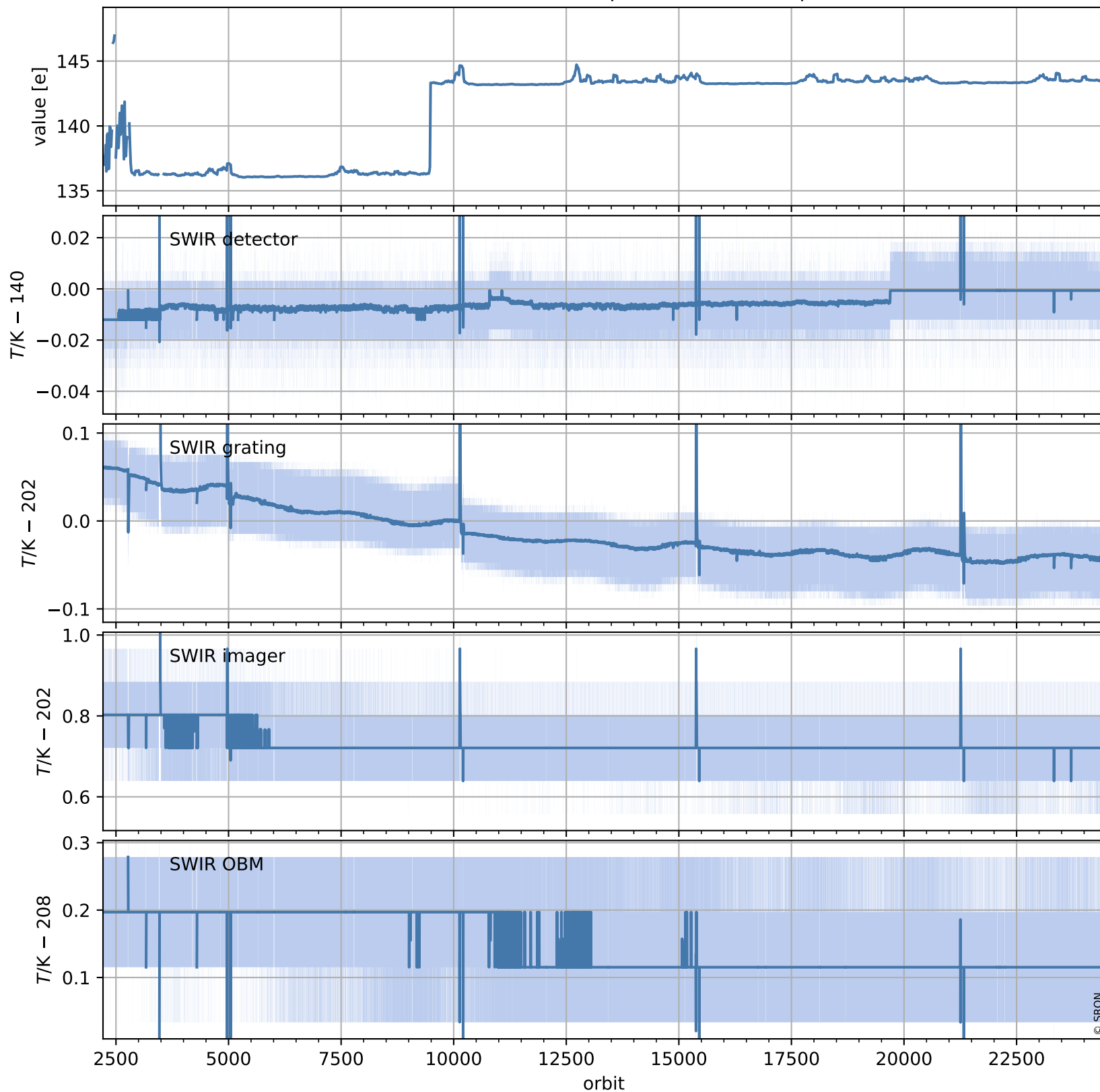
orbits : 13 in [24367, 24457]
coverage : 2022-06-27 / 2022-07-03
created : 2023-08-21T16:36:56



Tropomi SWIR background noise (swir)

orbits : [2212, 24457]
coverage : 2018-03-18 / 2022-07-03
created : 2023-08-21T16:36:56

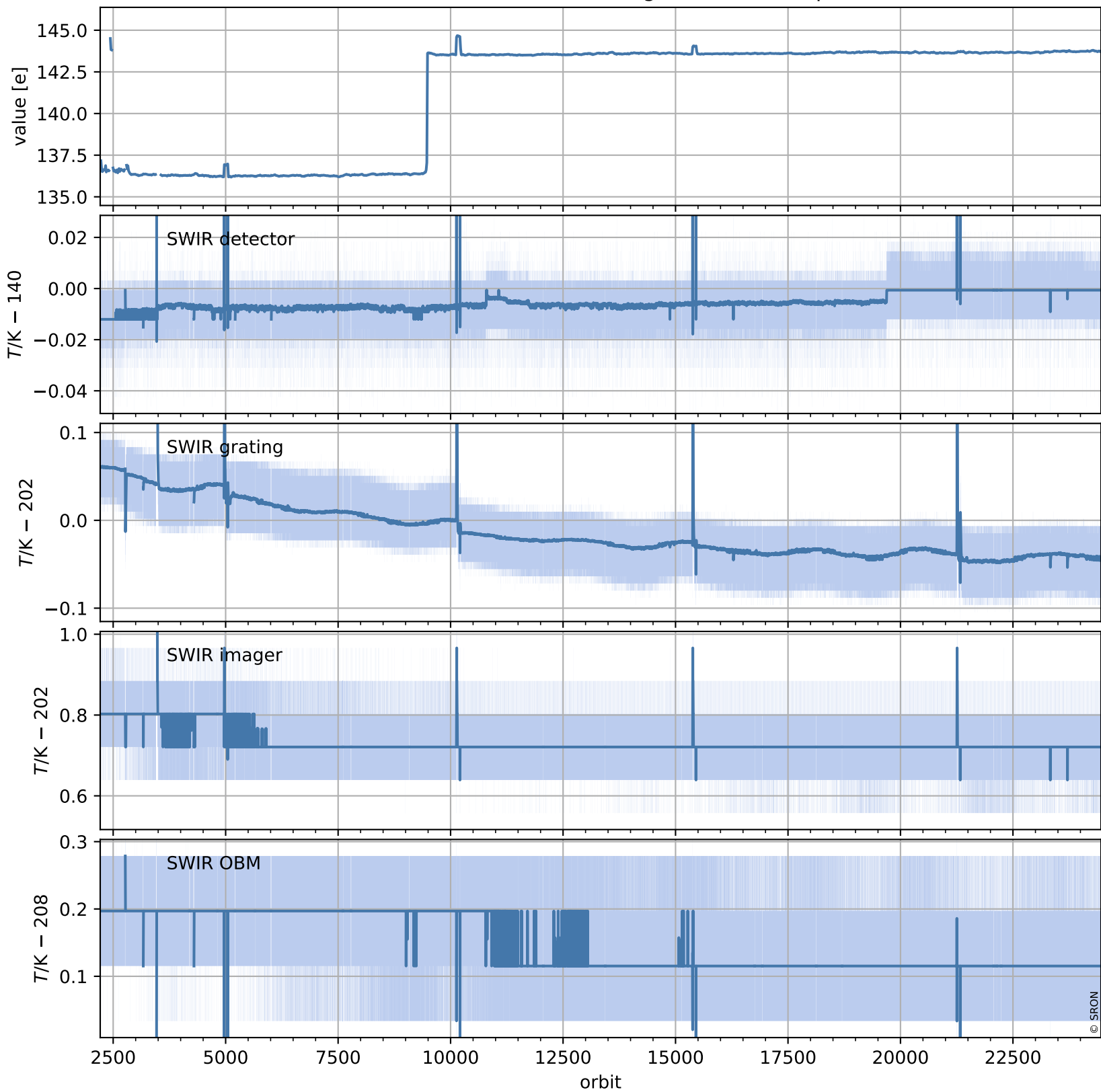
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24457]
coverage : 2018-03-18 / 2022-07-03
created : 2023-08-21T16:36:57

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24457]
coverage : 2018-03-18 / 2022-07-03
created : 2023-08-21T16:36:58

trend of normalized read-noise & temperatures

