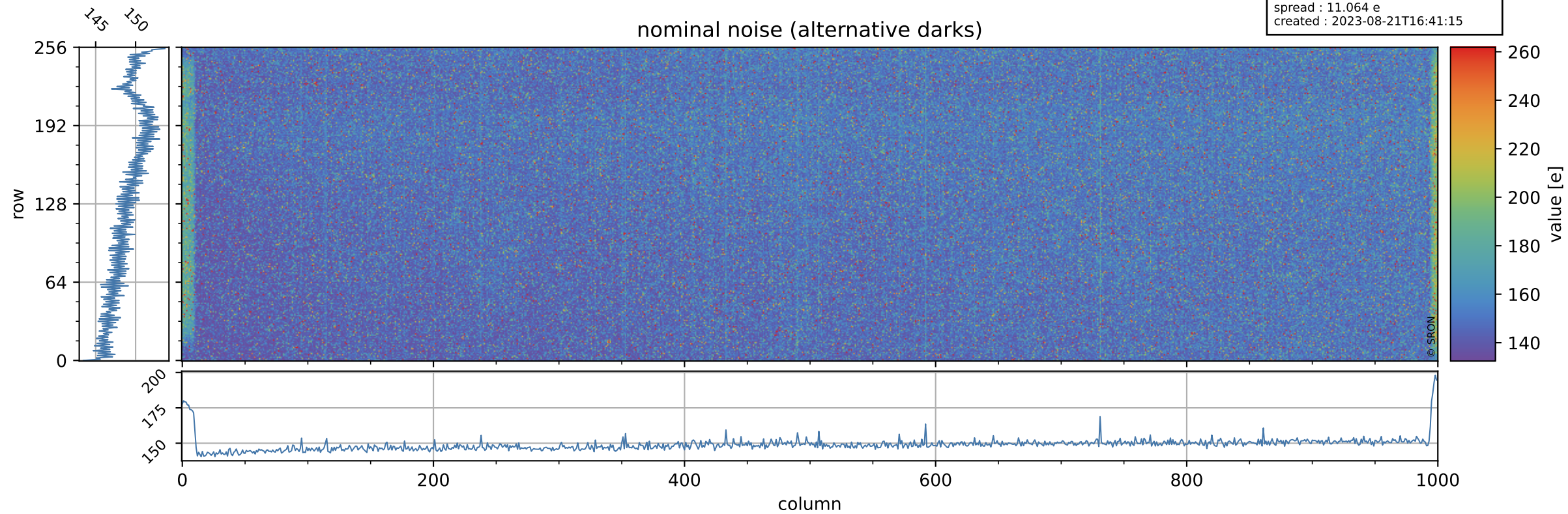


Tropomi SWIR background noise (swir)

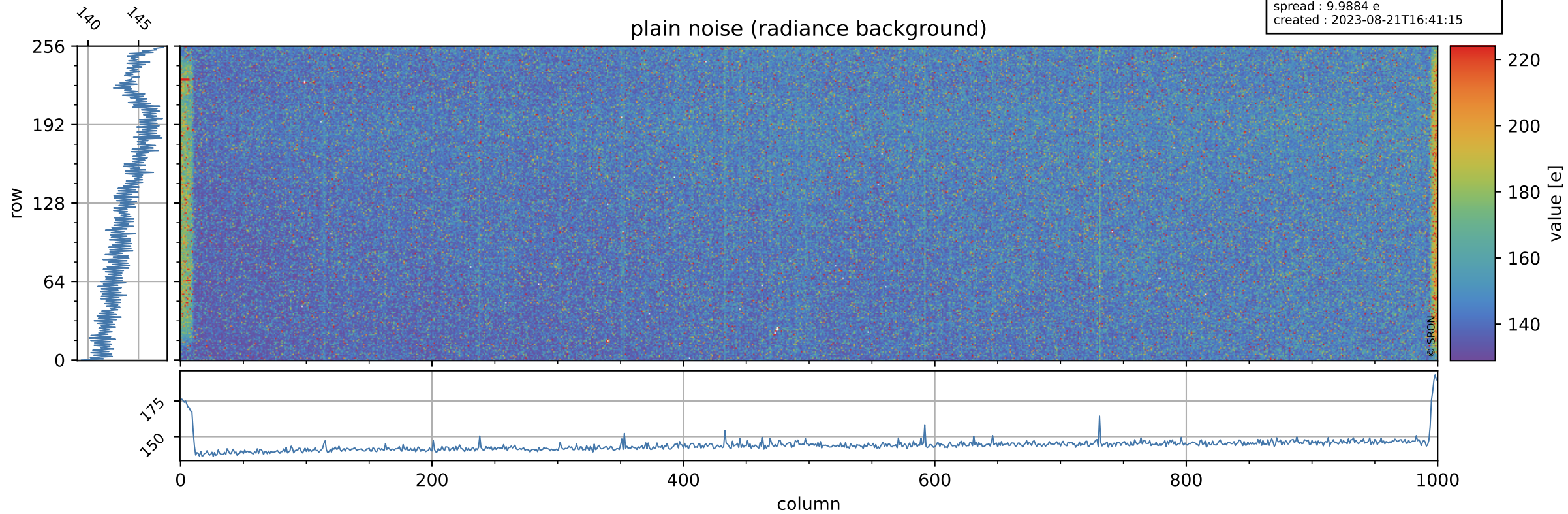
orbits : 13 in [25072, 25162]
coverage : 2022-08-16 / 2022-08-21
n_coad, t_exp : 1, 1.0783
median : 148.86 e
spread : 11.064 e
created : 2023-08-21T16:41:15



Tropomi SWIR background noise (swir)

orbits : 13 in [25072, 25162]
coverage : 2022-08-16 / 2022-08-21
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9884 e
created : 2023-08-21T16:41:15

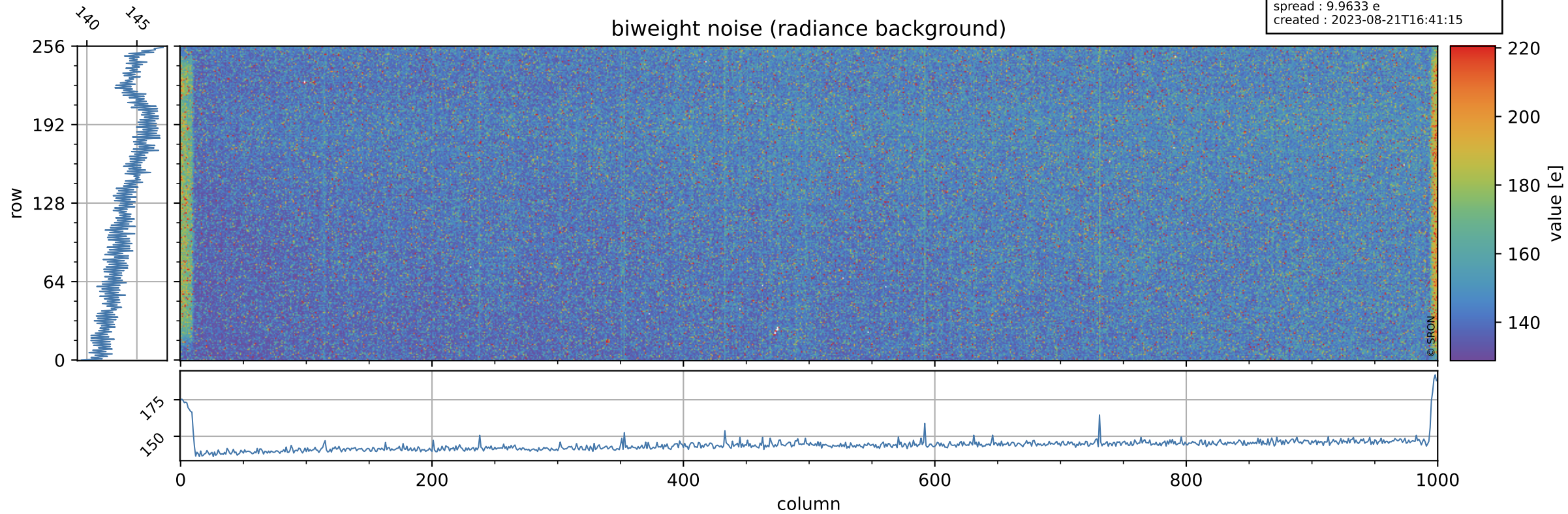
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25072, 25162]
coverage : 2022-08-16 / 2022-08-21
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.9633 e
created : 2023-08-21T16:41:15

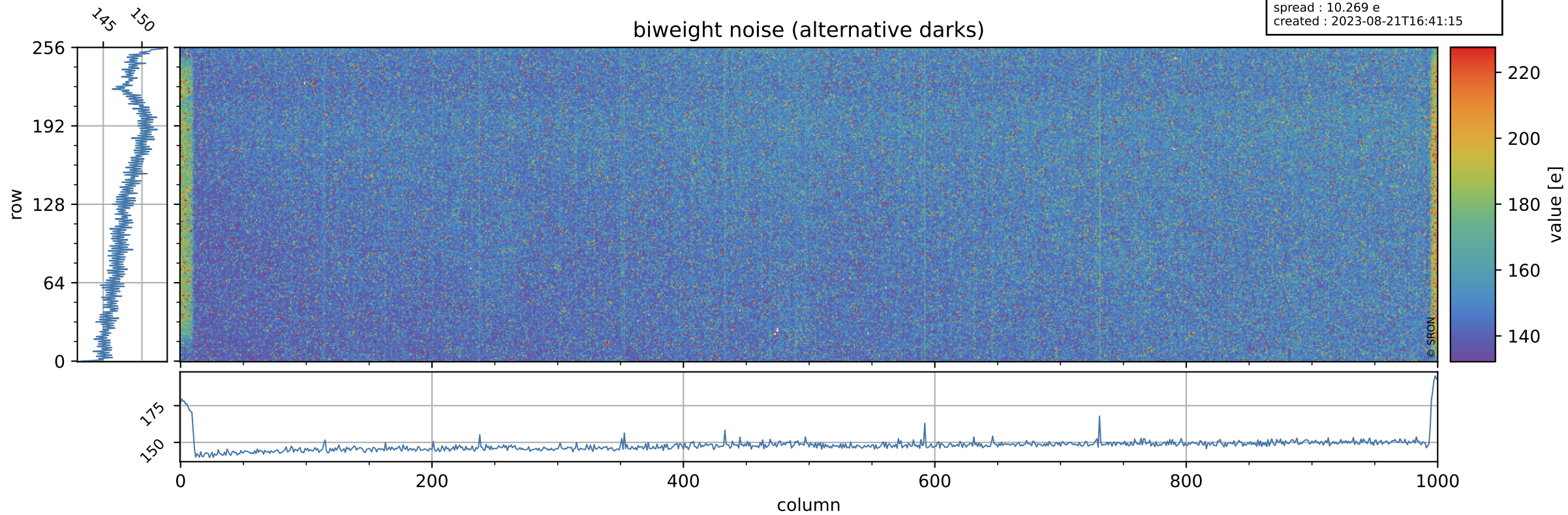
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25072, 25162]
coverage : 2022-08-16 / 2022-08-21
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.269 e
created : 2023-08-21T16:41:15

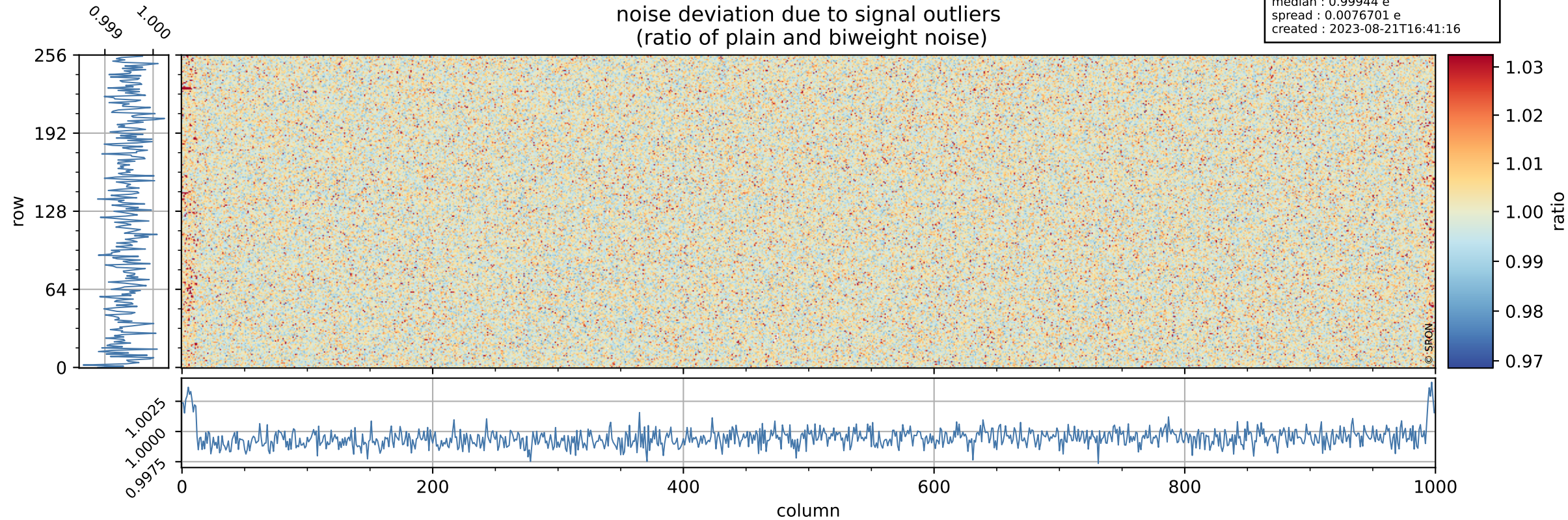
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

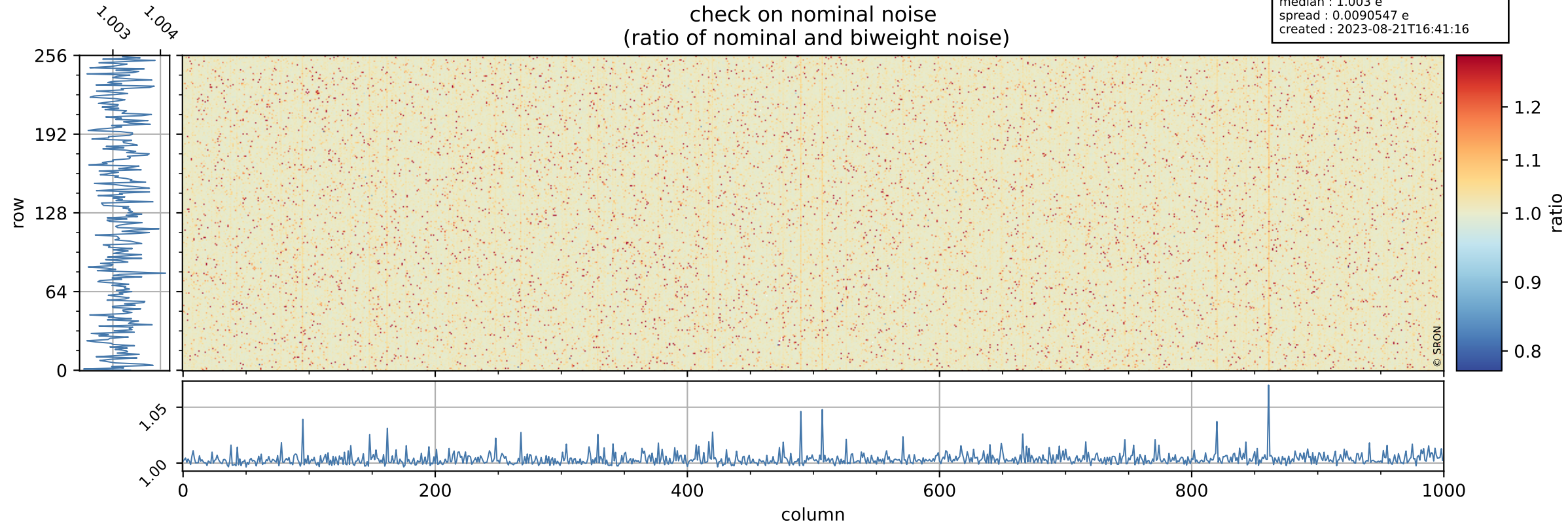
orbits : 13 in [25072, 25162]
coverage : 2022-08-16 / 2022-08-21
median : 0.99944 e
spread : 0.0076701 e
created : 2023-08-21T16:41:16



Tropomi SWIR background noise (swir)

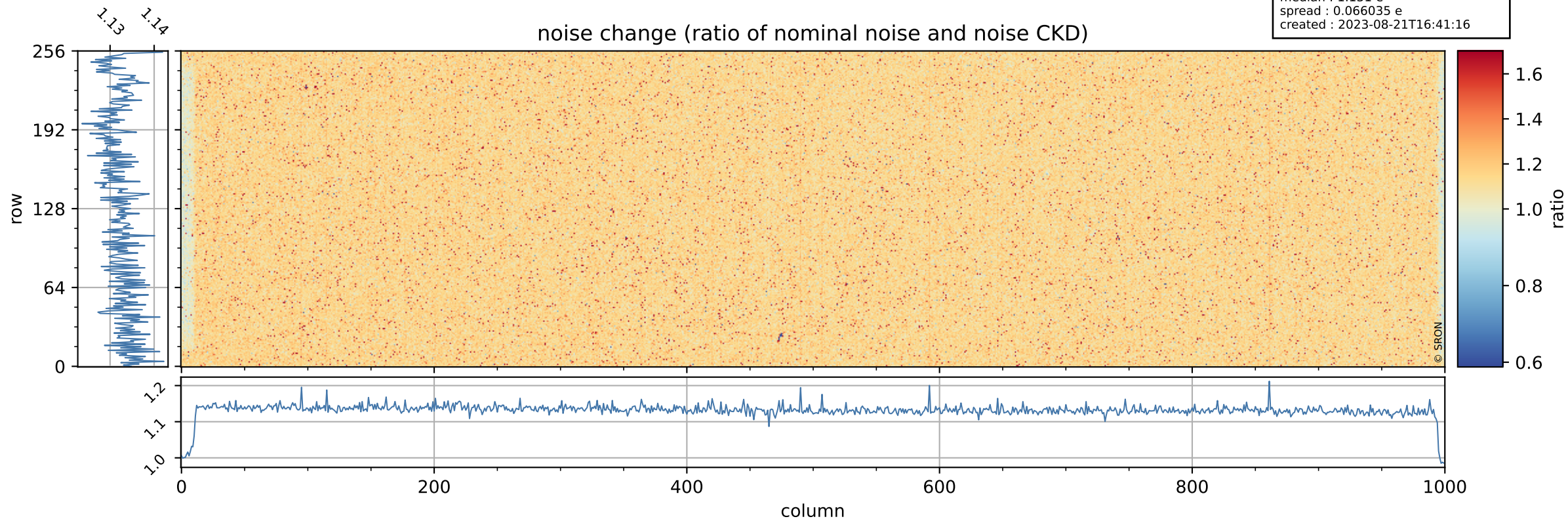
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [25072, 25162]
coverage : 2022-08-16 / 2022-08-21
median : 1.003 e
spread : 0.0090547 e
created : 2023-08-21T16:41:16



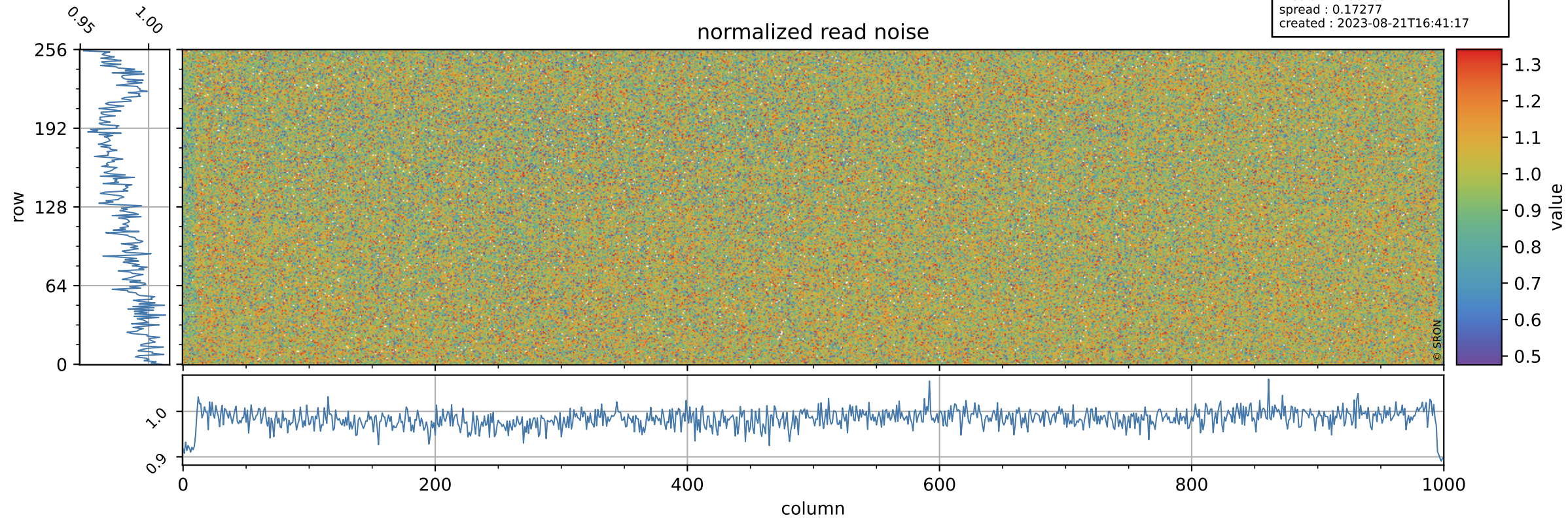
Tropomi SWIR background noise (swir)

orbits : 13 in [25072, 25162]
coverage : 2022-08-16 / 2022-08-21
median : 1.131 e
spread : 0.066035 e
created : 2023-08-21T16:41:16



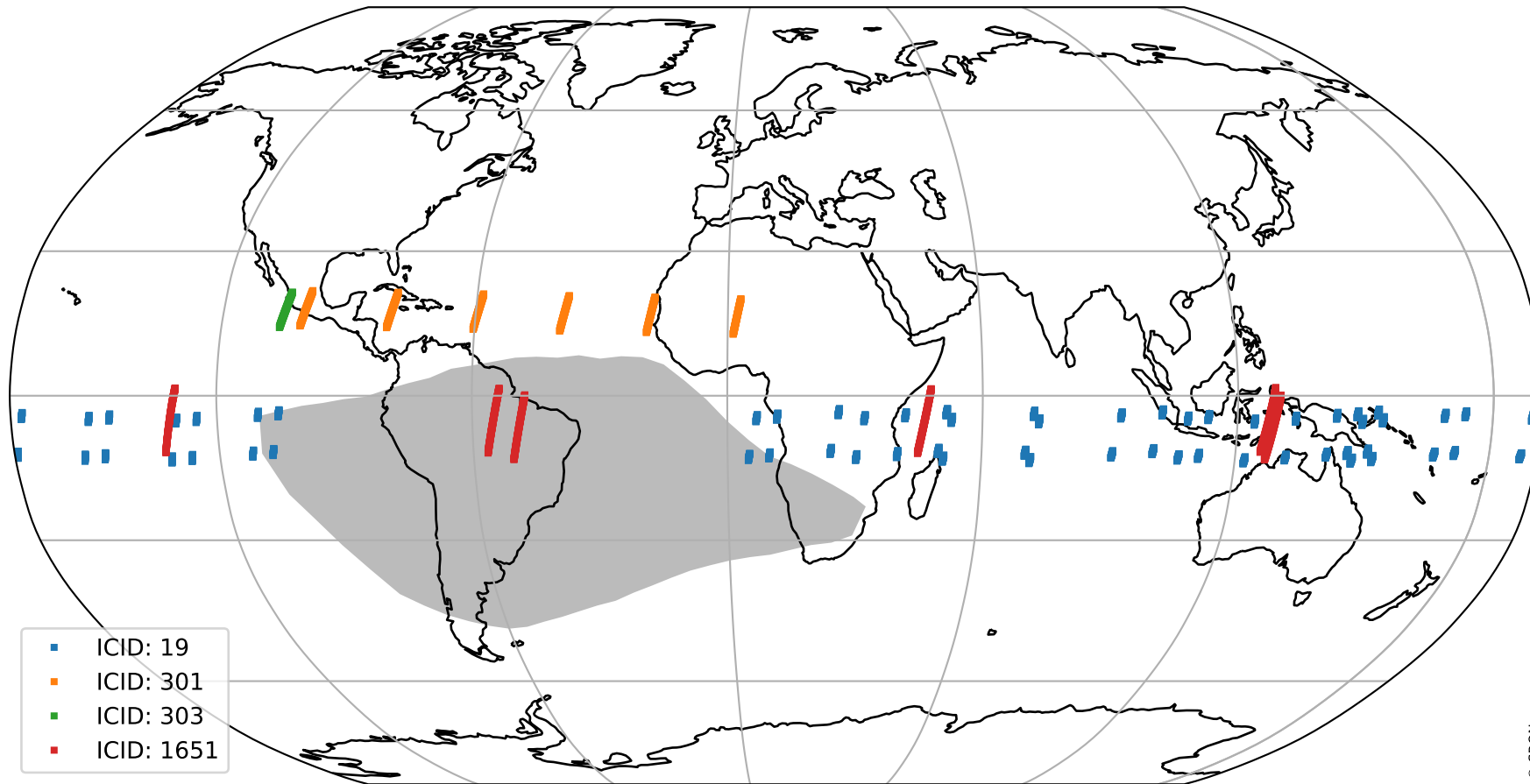
Tropomi SWIR background noise (swir)

orbits : 13 in [25072, 25162]
coverage : 2022-08-16 / 2022-08-21
median : 0.98235
spread : 0.17277
created : 2023-08-21T16:41:17



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

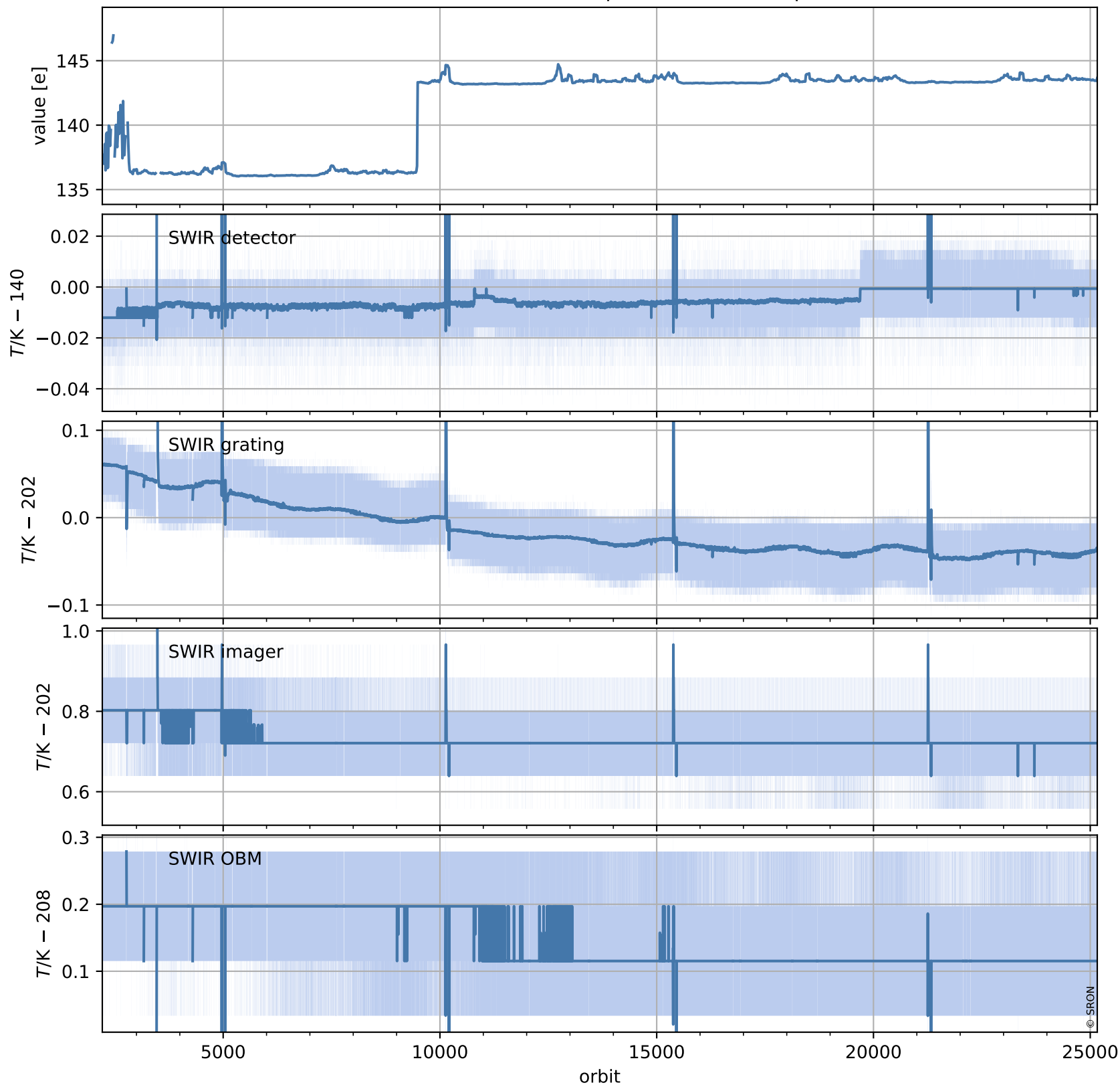
orbits : 13 in [25072, 25162]
coverage : 2022-08-16 / 2022-08-21
created : 2023-08-21T16:41:17



Tropomi SWIR background noise (swir)

orbits : [2212, 25162]
coverage : 2018-03-18 / 2022-08-21
created : 2023-08-21T16:41:17

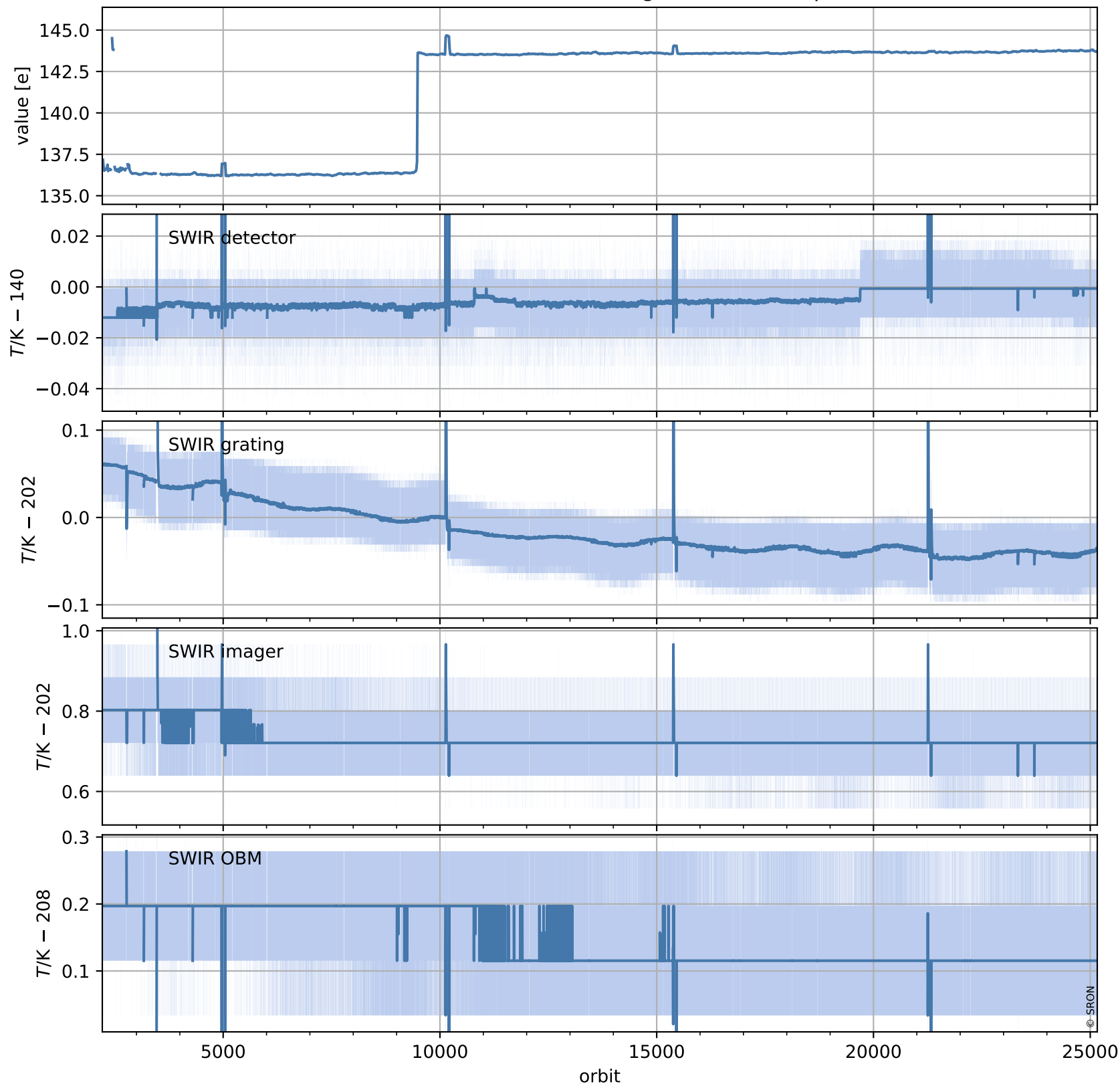
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25162]
coverage : 2018-03-18 / 2022-08-21
created : 2023-08-21T16:41:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25162]
coverage : 2018-03-18 / 2022-08-21
created : 2023-08-21T16:41:19

trend of normalized read-noise & temperatures

