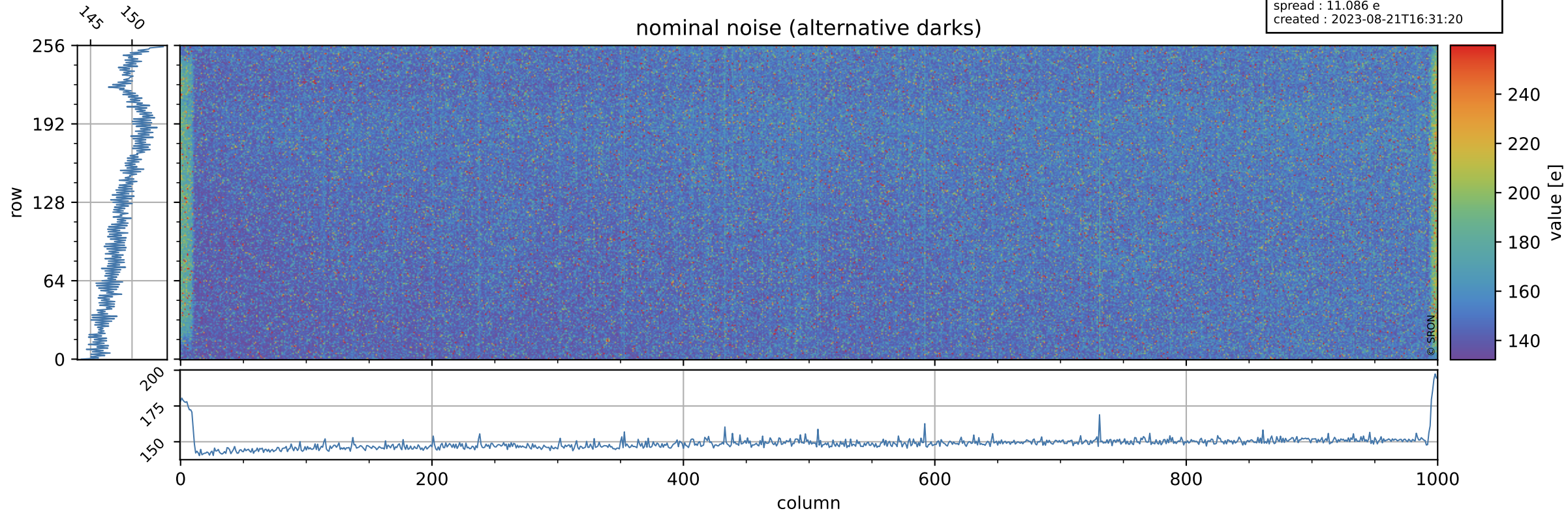


Tropomi SWIR background noise (swir)

orbits : 12 in [23527, 23602]
coverage : 2022-04-28 / 2022-05-03
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 11.086 e
created : 2023-08-21T16:31:20

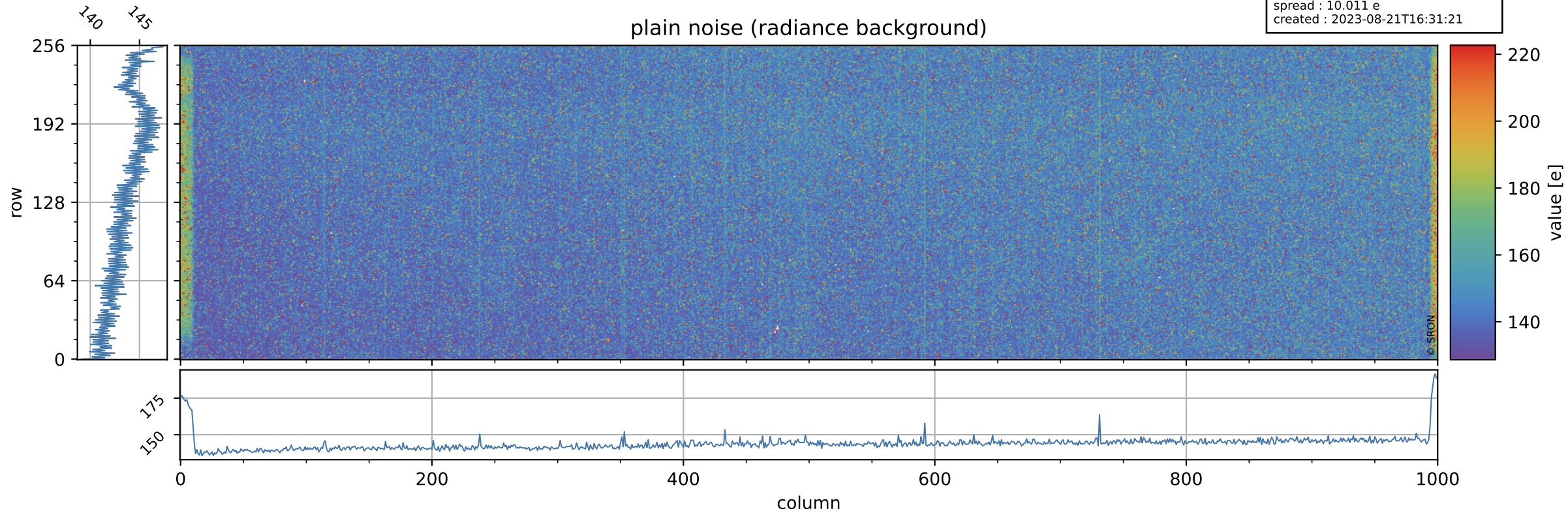
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23527, 23602]
coverage : 2022-04-28 / 2022-05-03
n_coad, t_exp : 1, 0.8383
median : 143.59 e
spread : 10.011 e
created : 2023-08-21T16:31:21

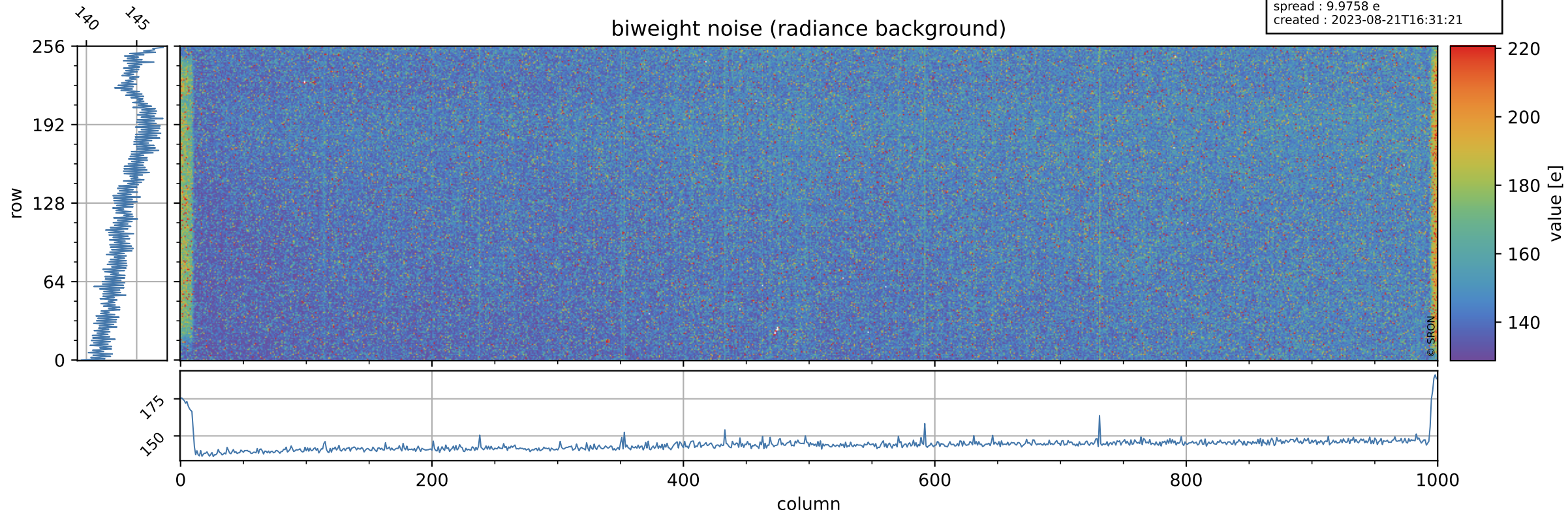
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23527, 23602]
coverage : 2022-04-28 / 2022-05-03
n_coad, t_exp : 1, 0.8383
median : 143.9 e
spread : 9.9758 e
created : 2023-08-21T16:31:21

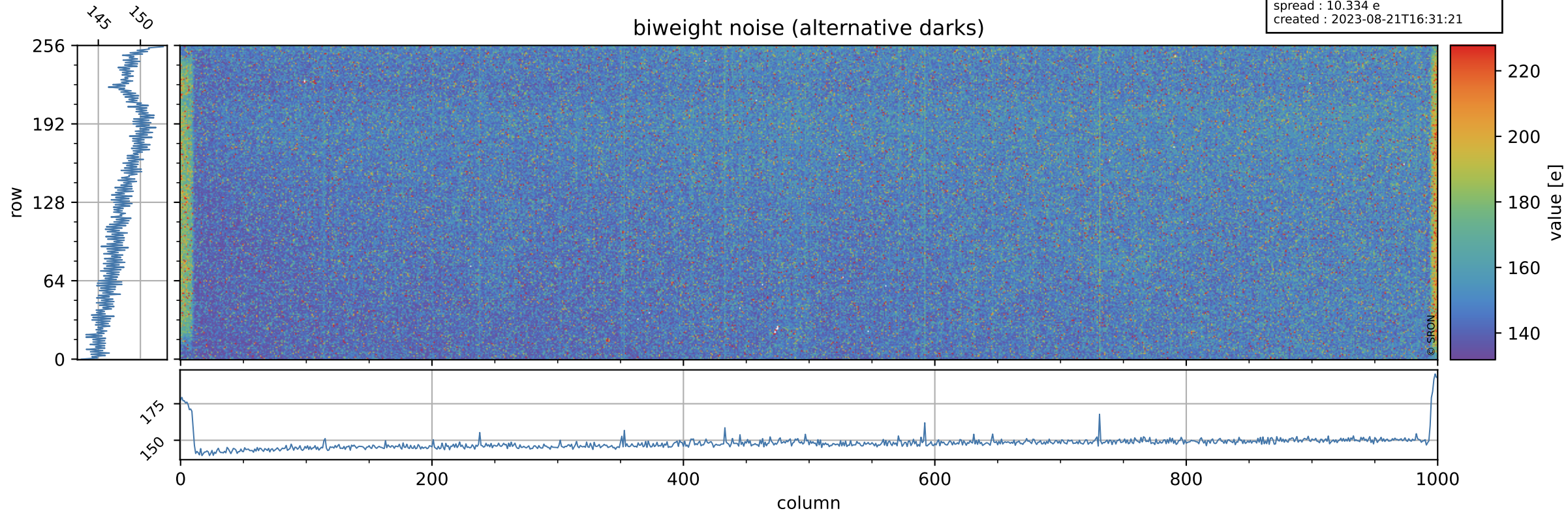
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23527, 23602]
coverage : 2022-04-28 / 2022-05-03
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.334 e
created : 2023-08-21T16:31:21

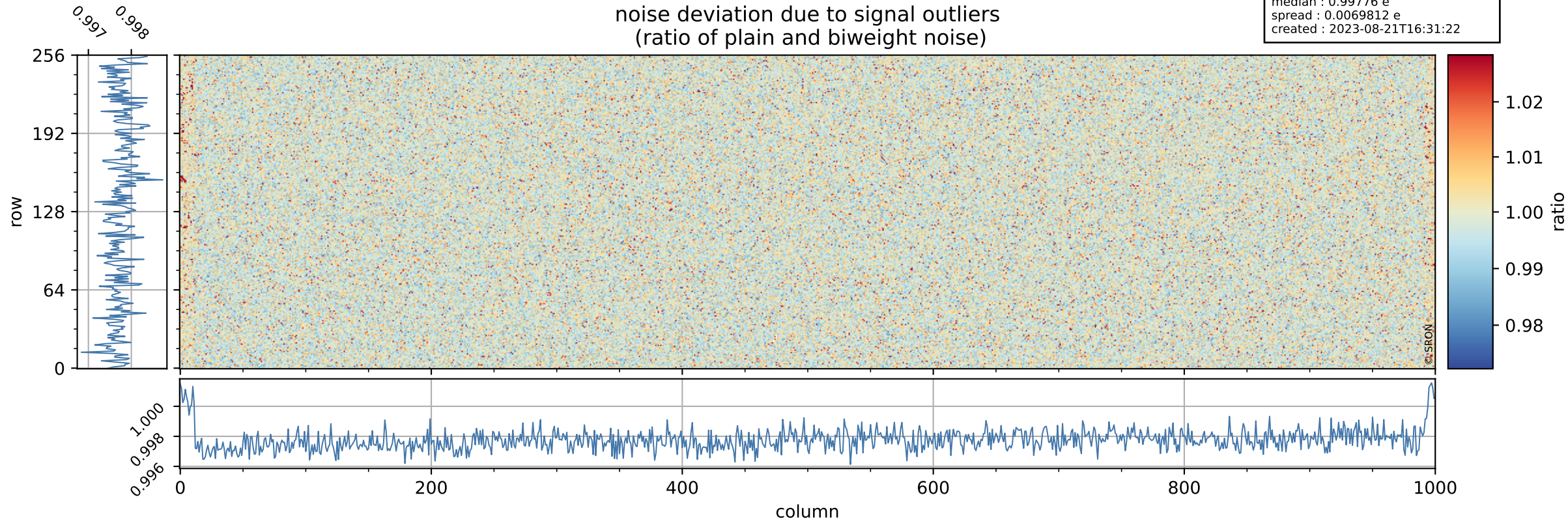
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

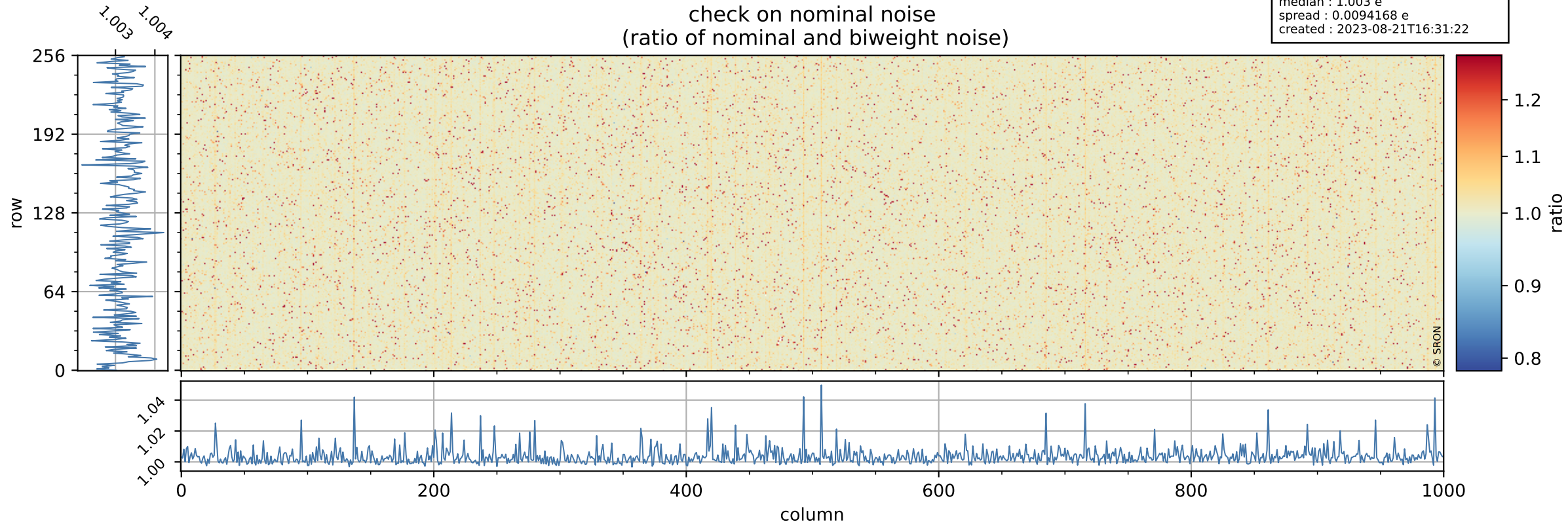
orbits : 12 in [23527, 23602]
coverage : 2022-04-28 / 2022-05-03
median : 0.99776 e
spread : 0.0069812 e
created : 2023-08-21T16:31:22



Tropomi SWIR background noise (swir)

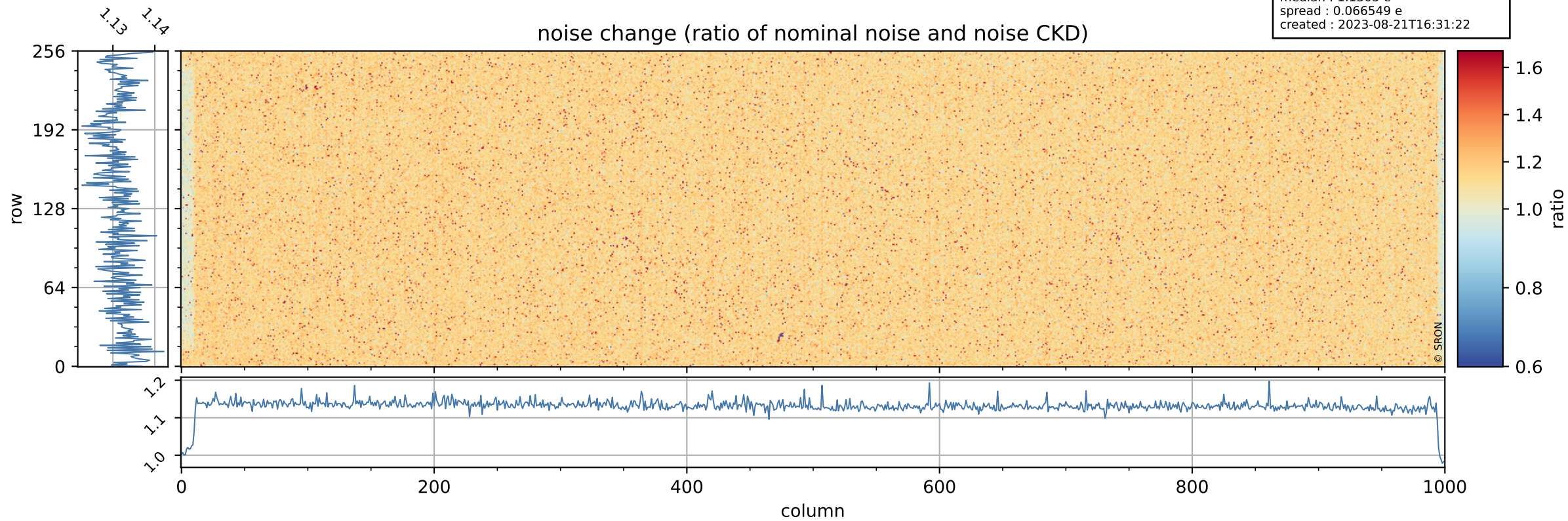
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23527, 23602]
coverage : 2022-04-28 / 2022-05-03
median : 1.003 e
spread : 0.0094168 e
created : 2023-08-21T16:31:22



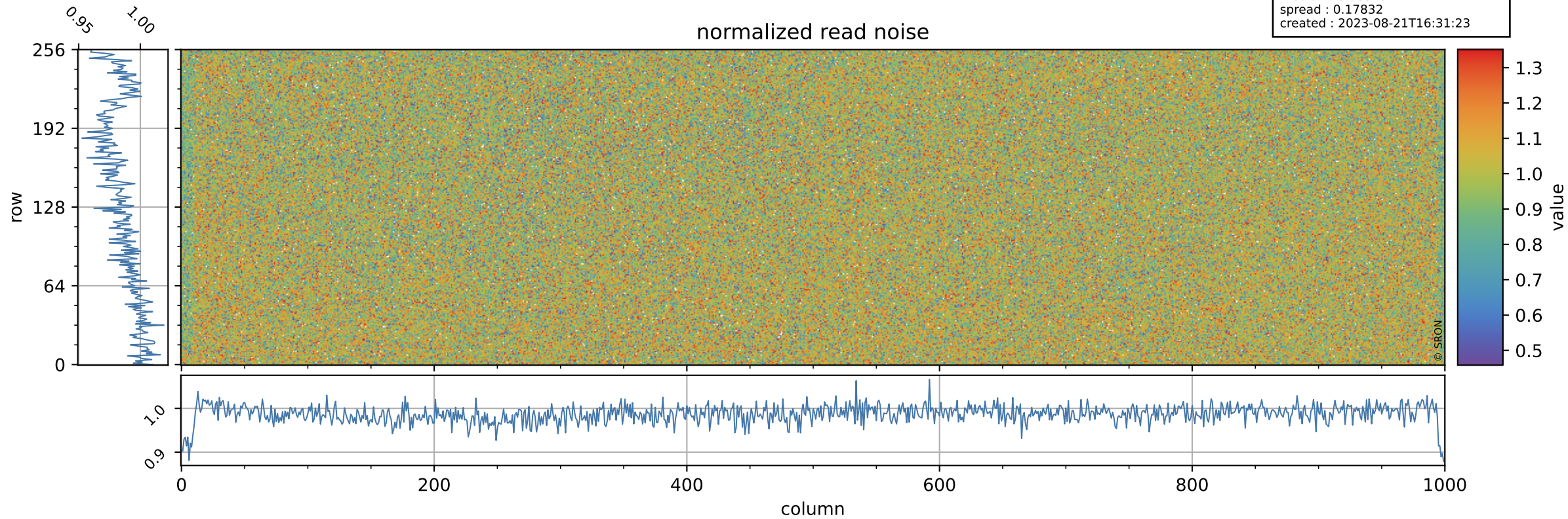
Tropomi SWIR background noise (swir)

orbits : 12 in [23527, 23602]
coverage : 2022-04-28 / 2022-05-03
median : 1.1305 e
spread : 0.066549 e
created : 2023-08-21T16:31:22



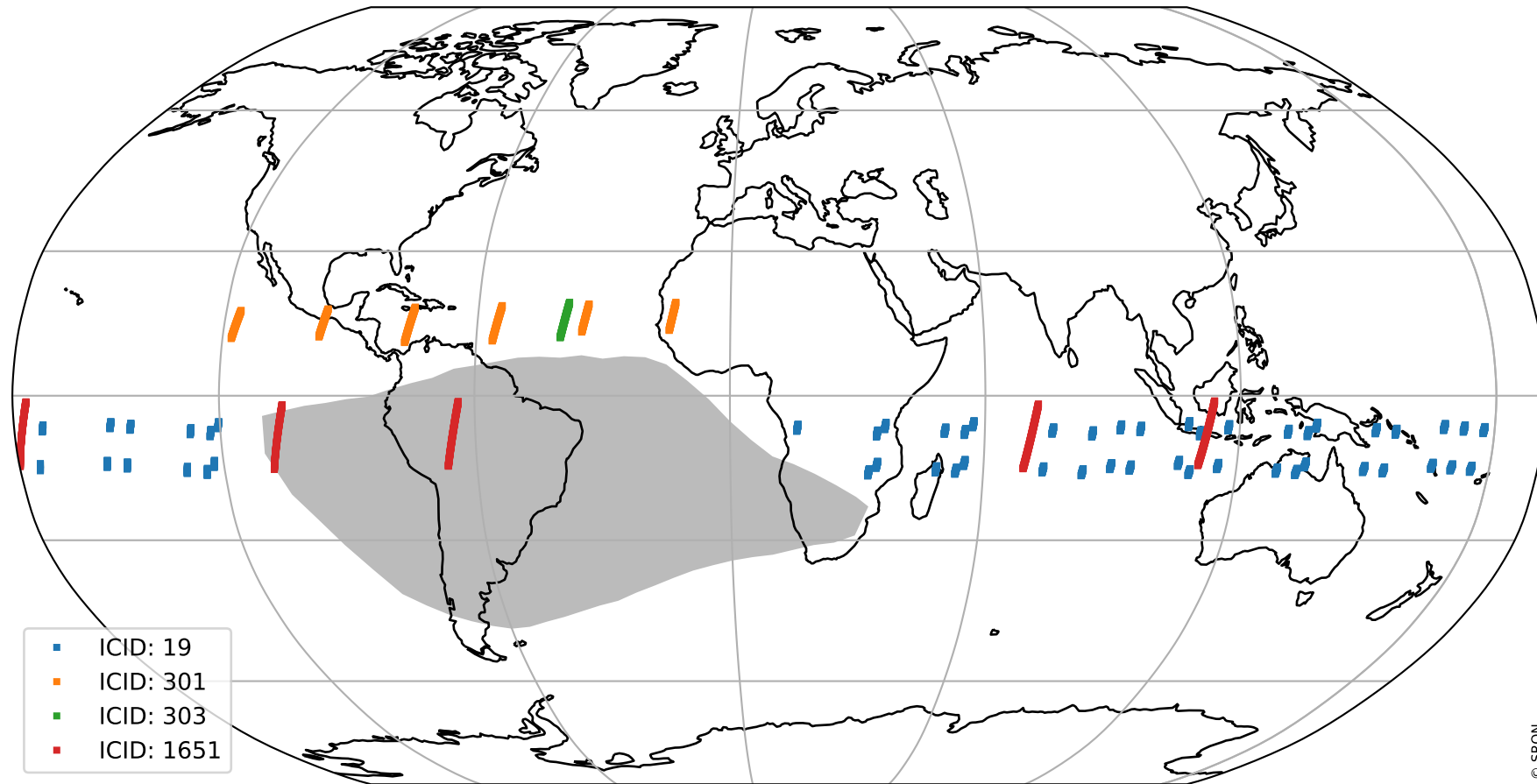
Tropomi SWIR background noise (swir)

orbits : 12 in [23527, 23602]
coverage : 2022-04-28 / 2022-05-03
median : 0.98519
spread : 0.17832
created : 2023-08-21T16:31:23



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

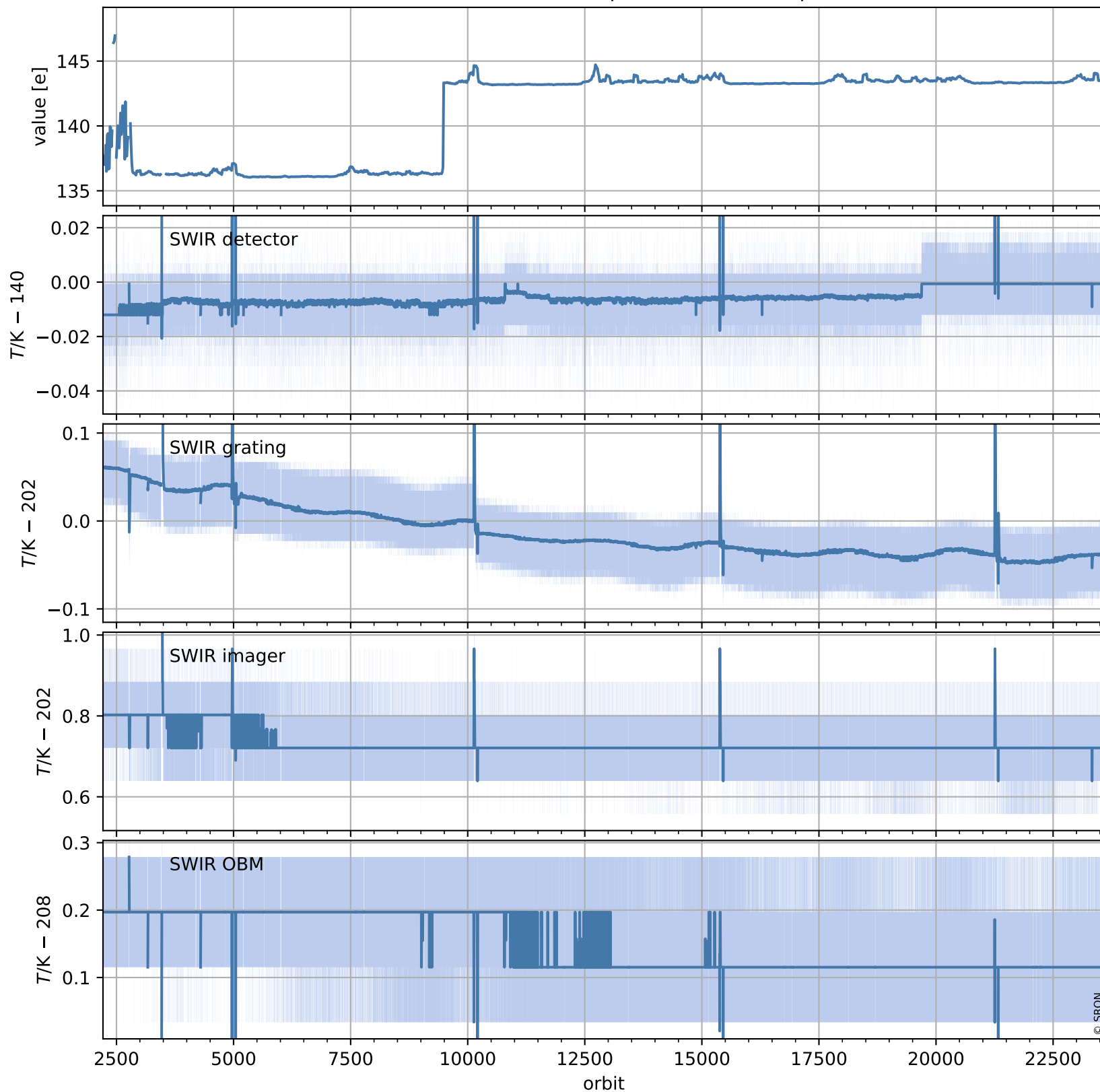
orbits : 12 in [23527, 23602]
coverage : 2022-04-28 / 2022-05-03
created : 2023-08-21T16:31:23



Tropomi SWIR background noise (swir)

orbits : [2212, 23602]
coverage : 2018-03-18 / 2022-05-03
created : 2023-08-21T16:31:23

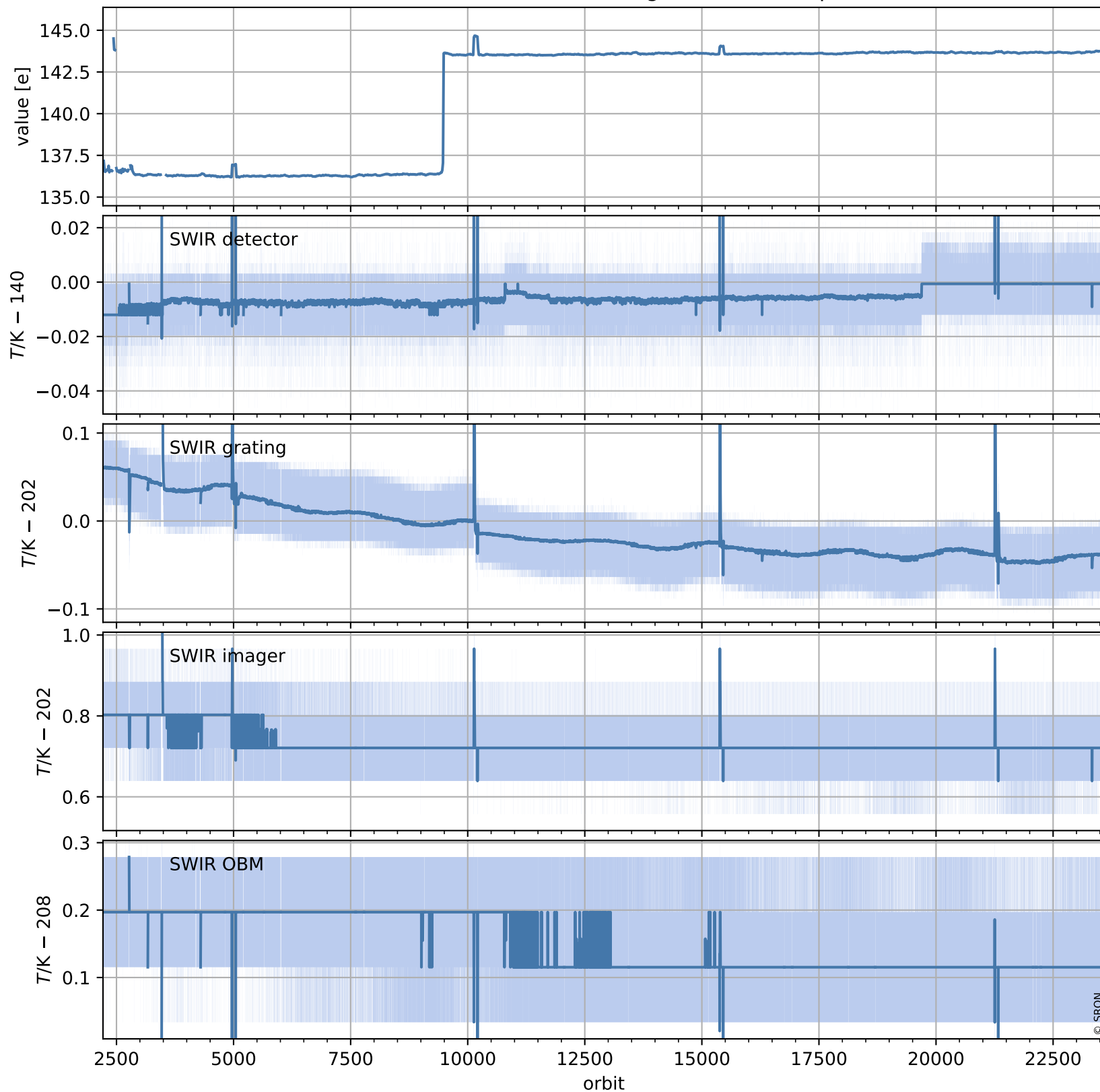
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23602]
coverage : 2018-03-18 / 2022-05-03
created : 2023-08-21T16:31:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23602]
coverage : 2018-03-18 / 2022-05-03
created : 2023-08-21T16:31:25

trend of normalized read-noise & temperatures

