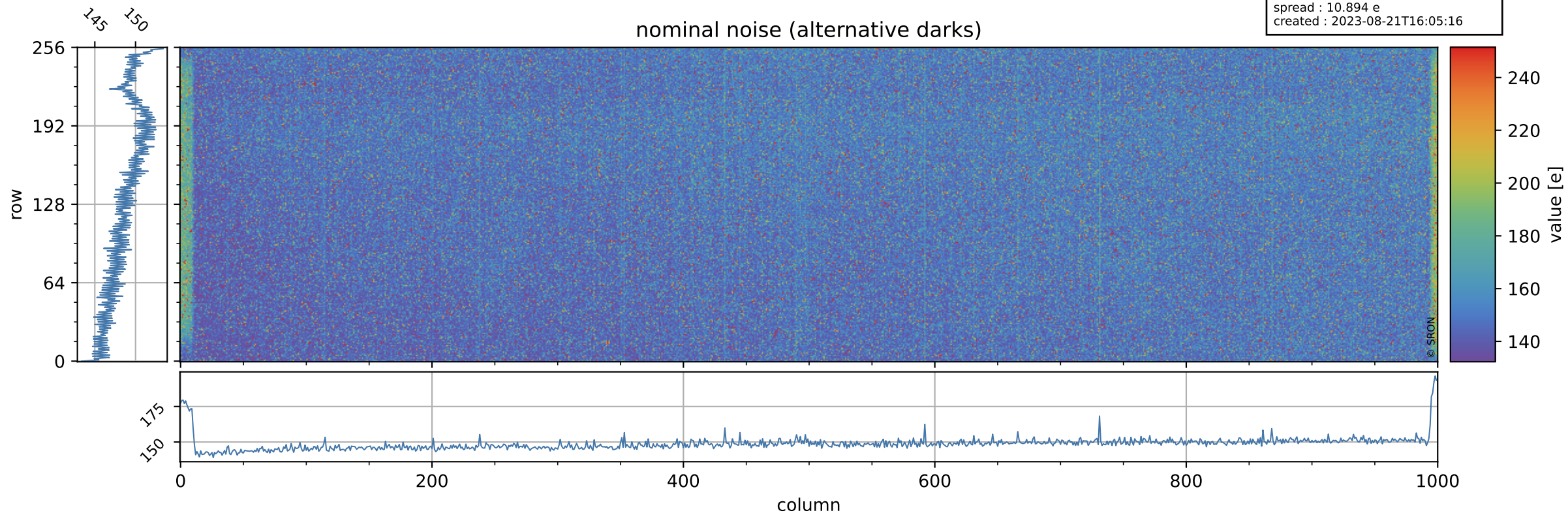


Tropomi SWIR background noise (swir)

orbits : 13 in [19342, 19432]
coverage : 2021-07-08 / 2021-07-13
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.894 e
created : 2023-08-21T16:05:16

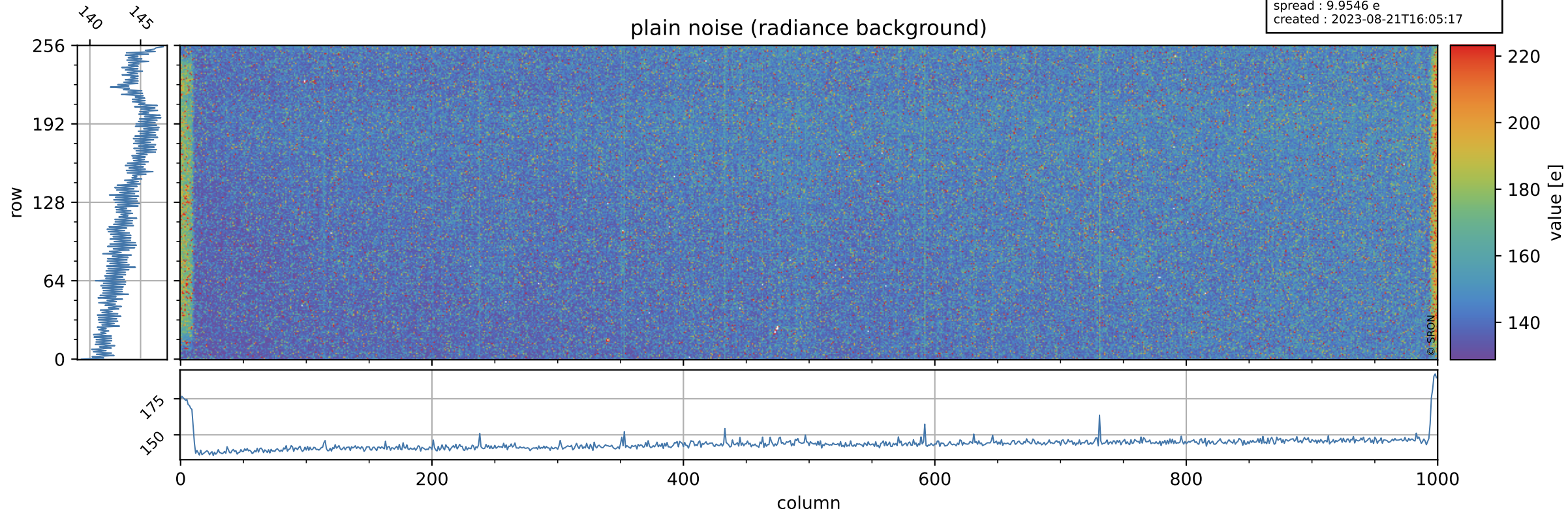
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [19342, 19432]
coverage : 2021-07-08 / 2021-07-13
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 9.9546 e
created : 2023-08-21T16:05:17

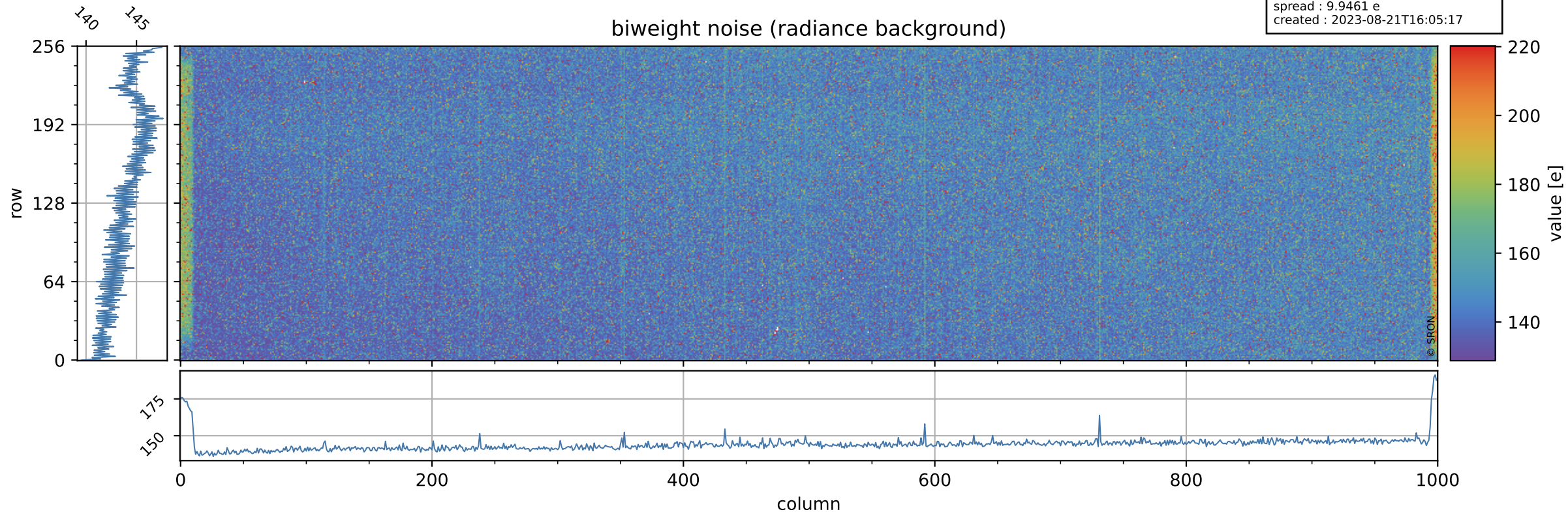
plain noise (radiance background)



Tropomi SWIR background noise (swir)

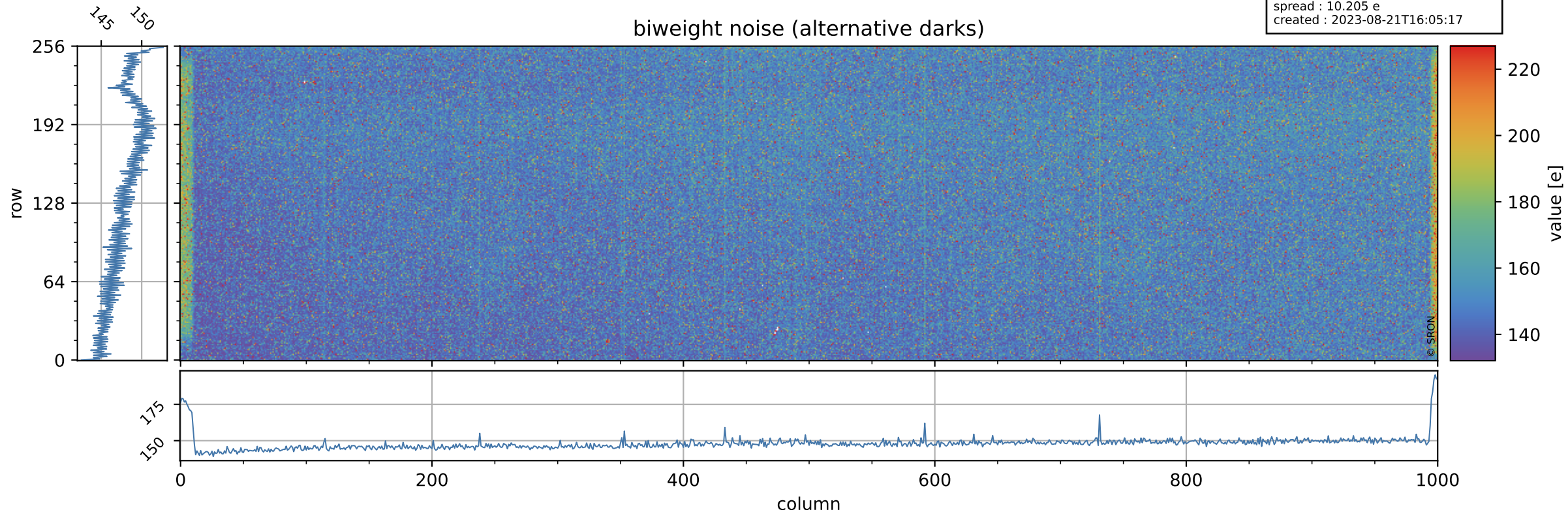
orbits : 13 in [19342, 19432]
coverage : 2021-07-08 / 2021-07-13
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.9461 e
created : 2023-08-21T16:05:17

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

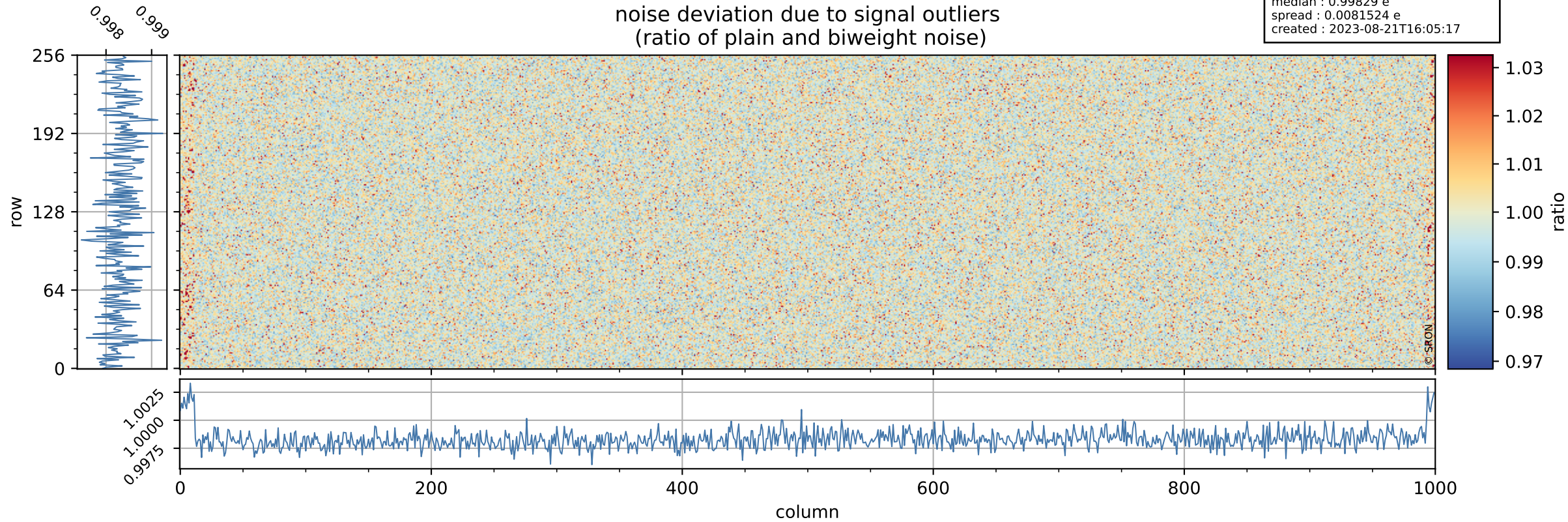
orbits : 13 in [19342, 19432]
coverage : 2021-07-08 / 2021-07-13
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.205 e
created : 2023-08-21T16:05:17



Tropomi SWIR background noise (swir)

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

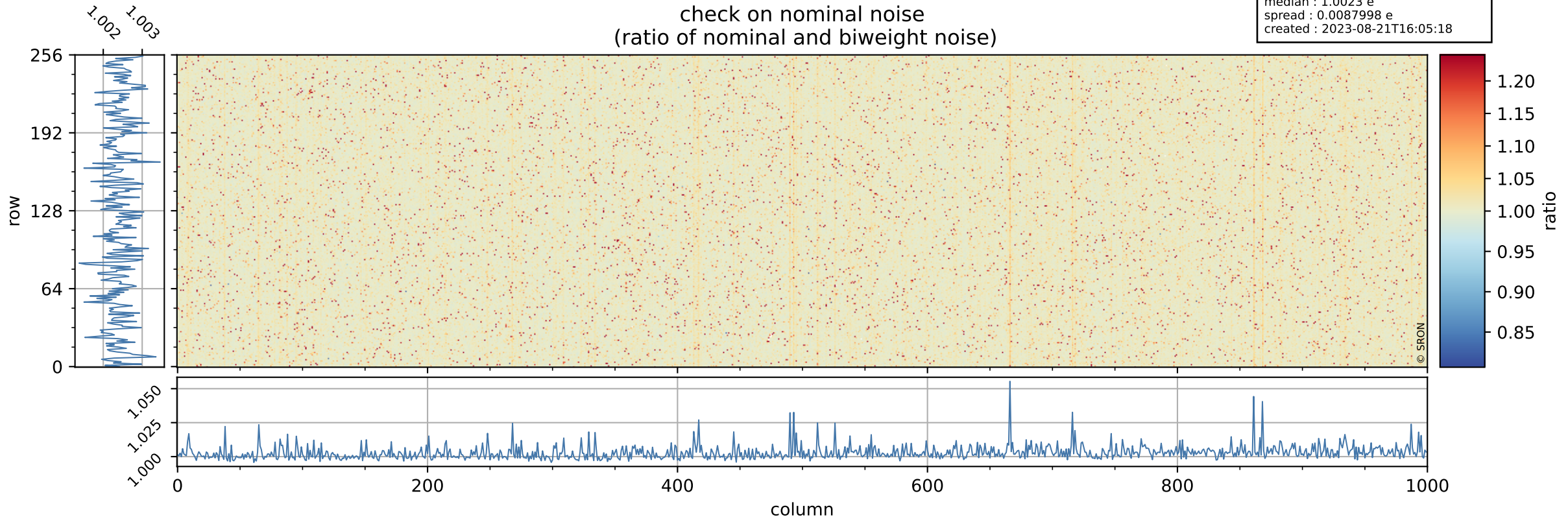
orbits : 13 in [19342, 19432]
coverage : 2021-07-08 / 2021-07-13
median : 0.99829 e
spread : 0.0081524 e
created : 2023-08-21T16:05:17



Tropomi SWIR background noise (swir)

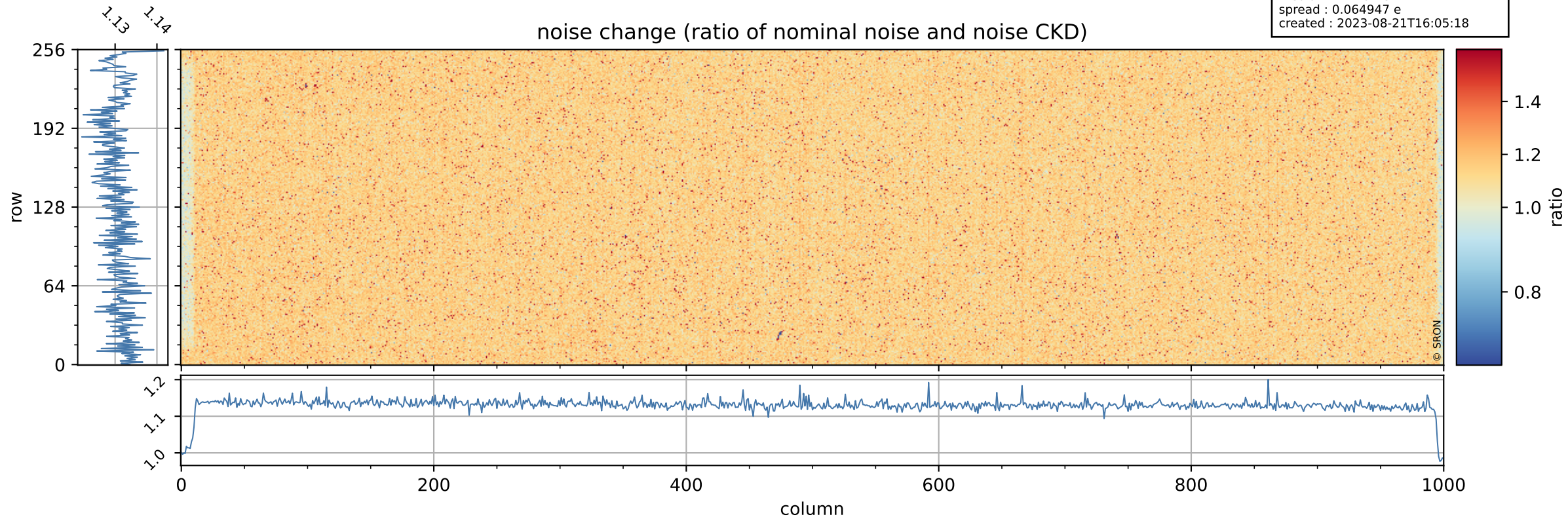
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [19342, 19432]
coverage : 2021-07-08 / 2021-07-13
median : 1.0023 e
spread : 0.0087998 e
created : 2023-08-21T16:05:18



Tropomi SWIR background noise (swir)

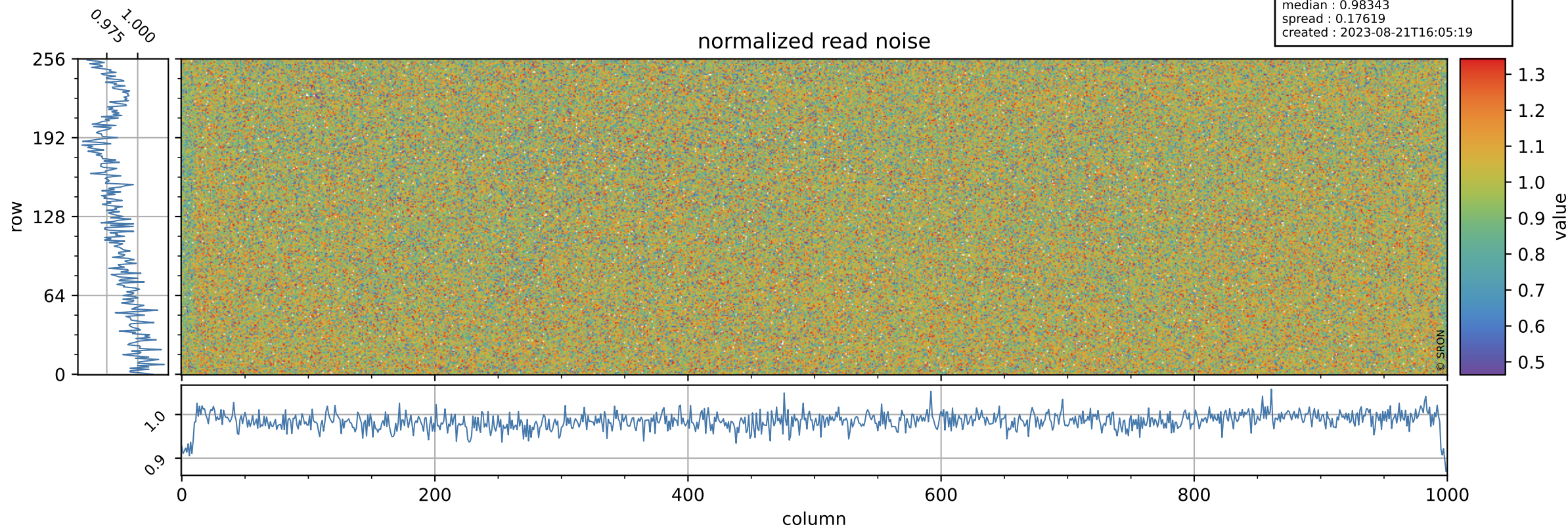
orbits : 13 in [19342, 19432]
coverage : 2021-07-08 / 2021-07-13
median : 1.1297 e
spread : 0.064947 e
created : 2023-08-21T16:05:18



Tropomi SWIR background noise (swir)

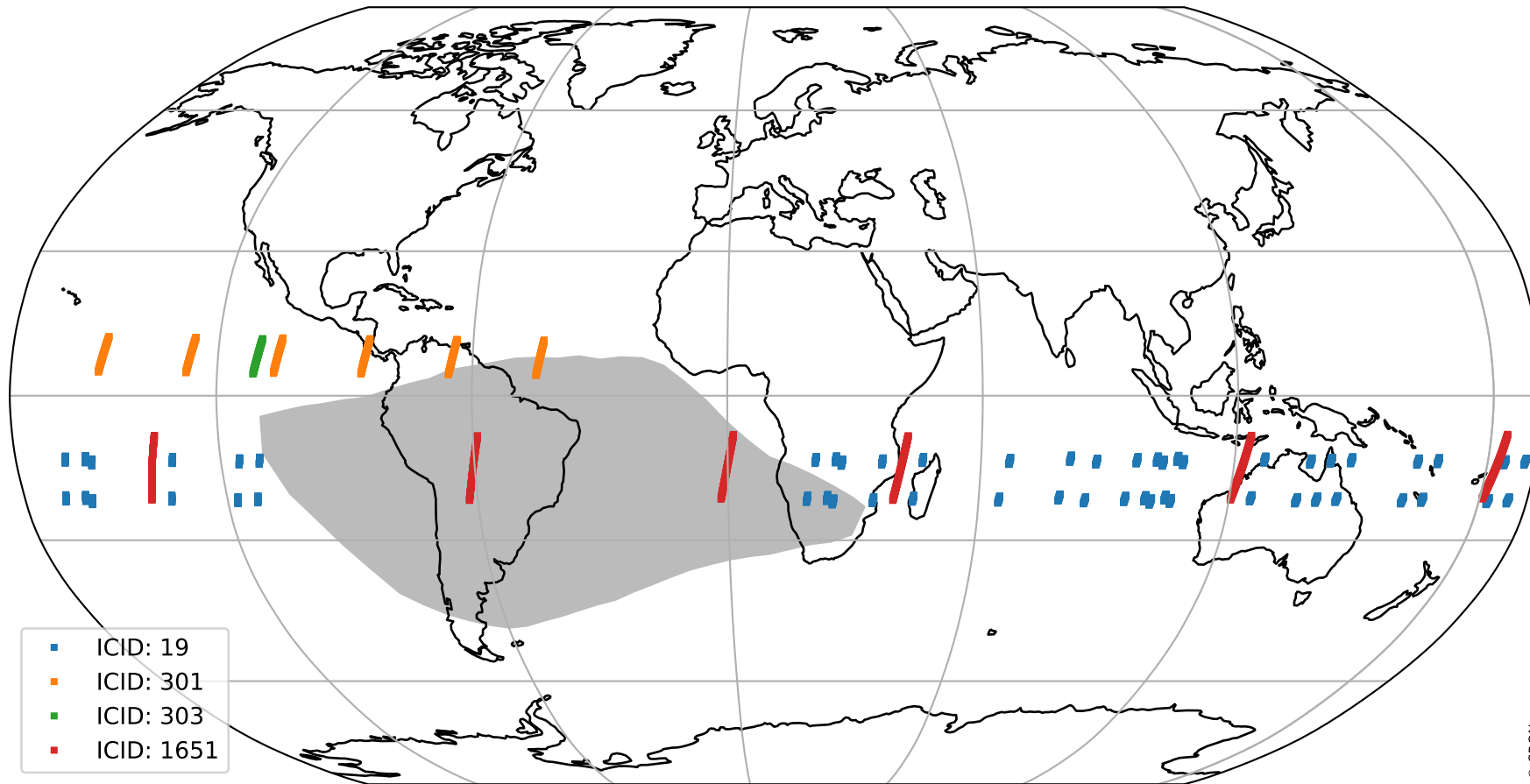
orbits : 13 in [19342, 19432]
coverage : 2021-07-08 / 2021-07-13
median : 0.98343
spread : 0.17619
created : 2023-08-21T16:05:19

normalized read noise



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

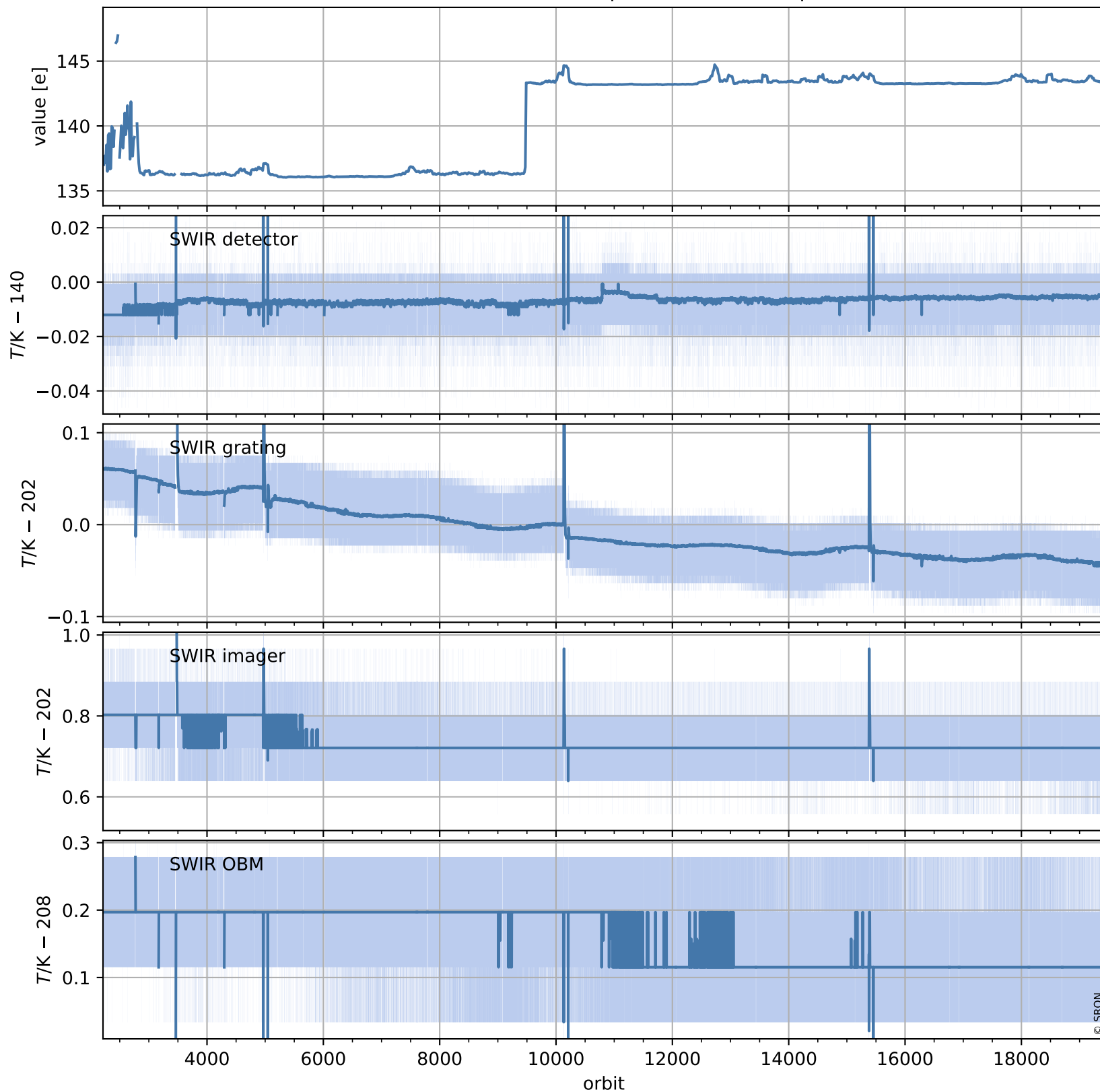
orbits : 13 in [19342, 19432]
coverage : 2021-07-08 / 2021-07-13
created : 2023-08-21T16:05:19



Tropomi SWIR background noise (swir)

orbits : [2212, 19432]
coverage : 2018-03-18 / 2021-07-13
created : 2023-08-21T16:05:19

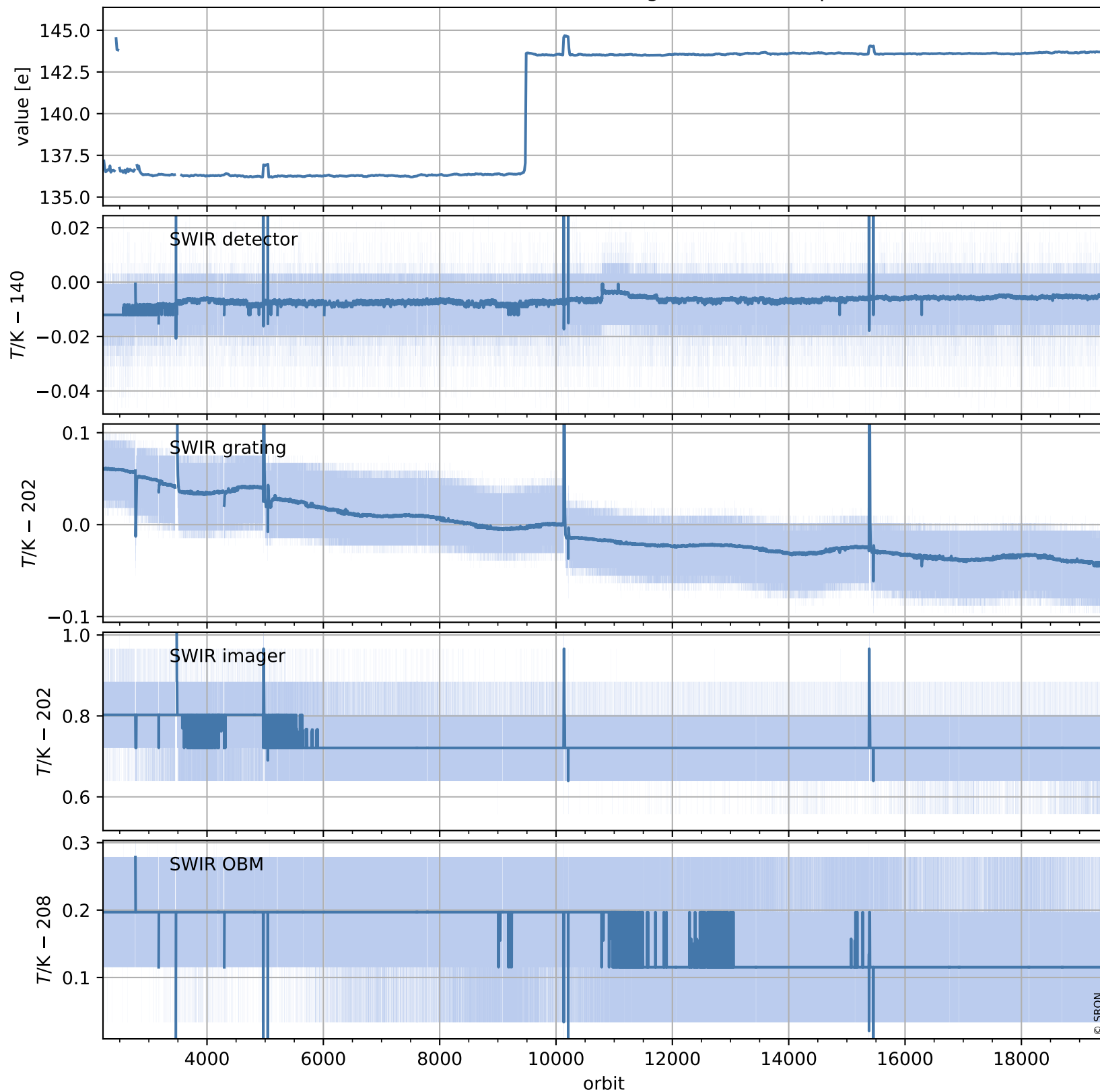
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19432]
coverage : 2018-03-18 / 2021-07-13
created : 2023-08-21T16:05:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19432]
coverage : 2018-03-18 / 2021-07-13
created : 2023-08-21T16:05:21

trend of normalized read-noise & temperatures

