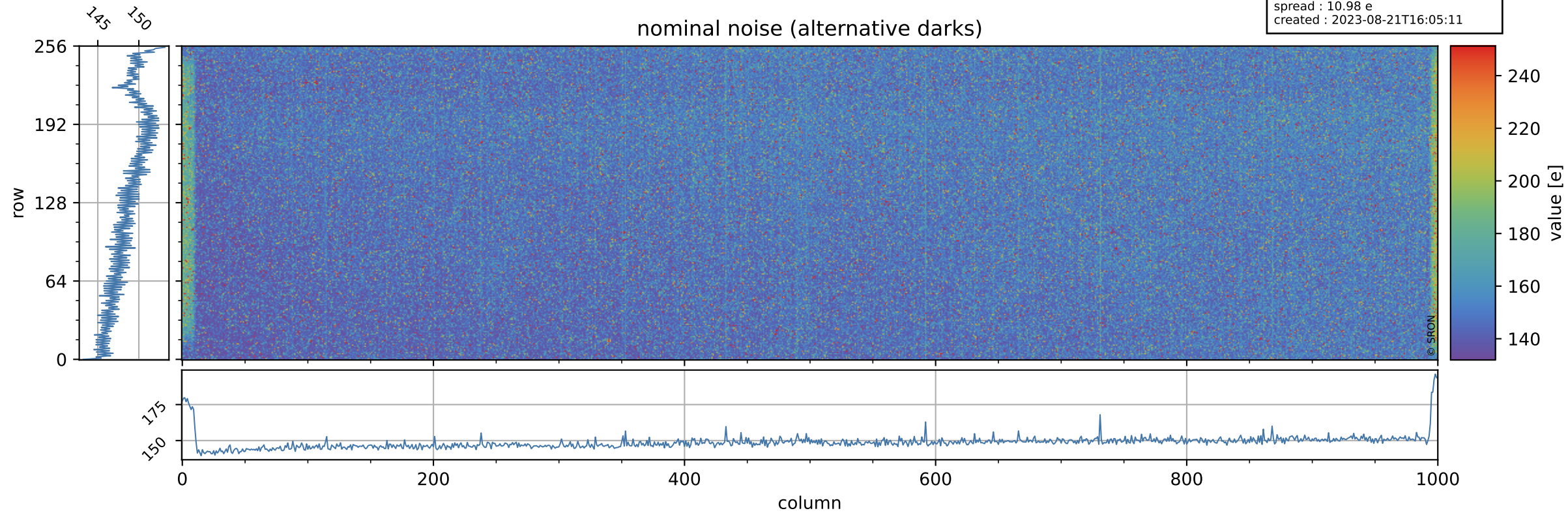


Tropomi SWIR background noise (swir)

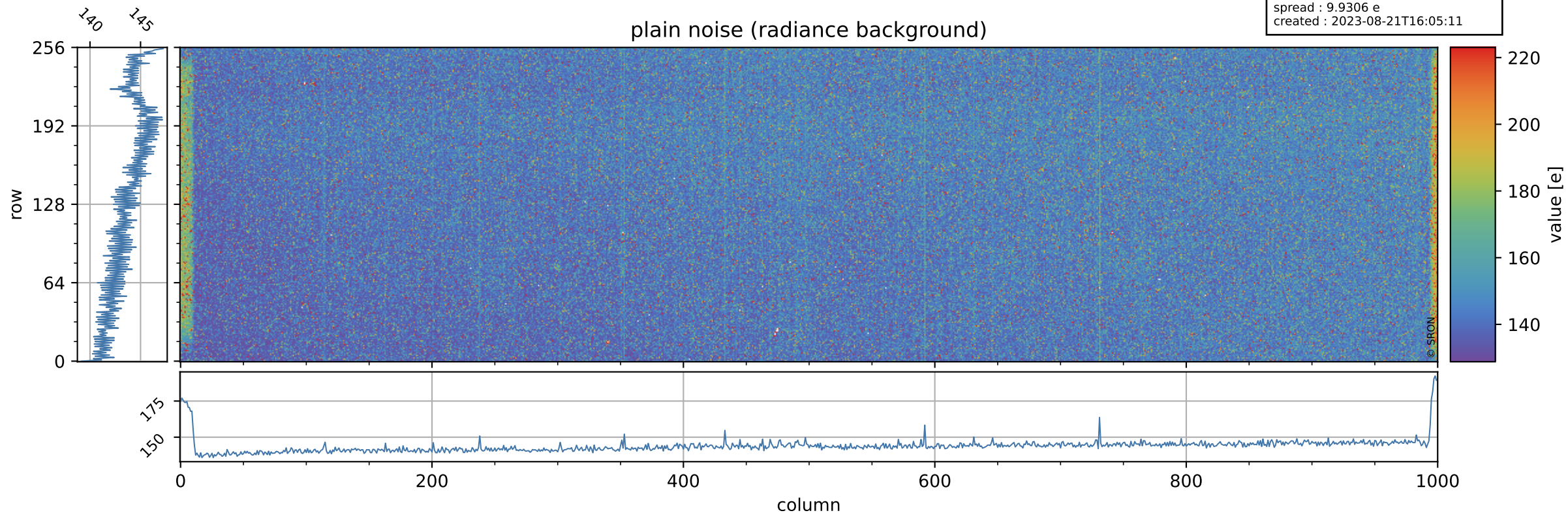
orbits : 13 in [19327, 19417]
coverage : 2021-07-07 / 2021-07-13
n_coad, t_exp : 1, 1.0783
median : 148.55 e
spread : 10.98 e
created : 2023-08-21T16:05:11



Tropomi SWIR background noise (swir)

orbits : 13 in [19327, 19417]
coverage : 2021-07-07 / 2021-07-13
n_coad, t_exp : 1, 0.8383
median : 143.58 e
spread : 9.9306 e
created : 2023-08-21T16:05:11

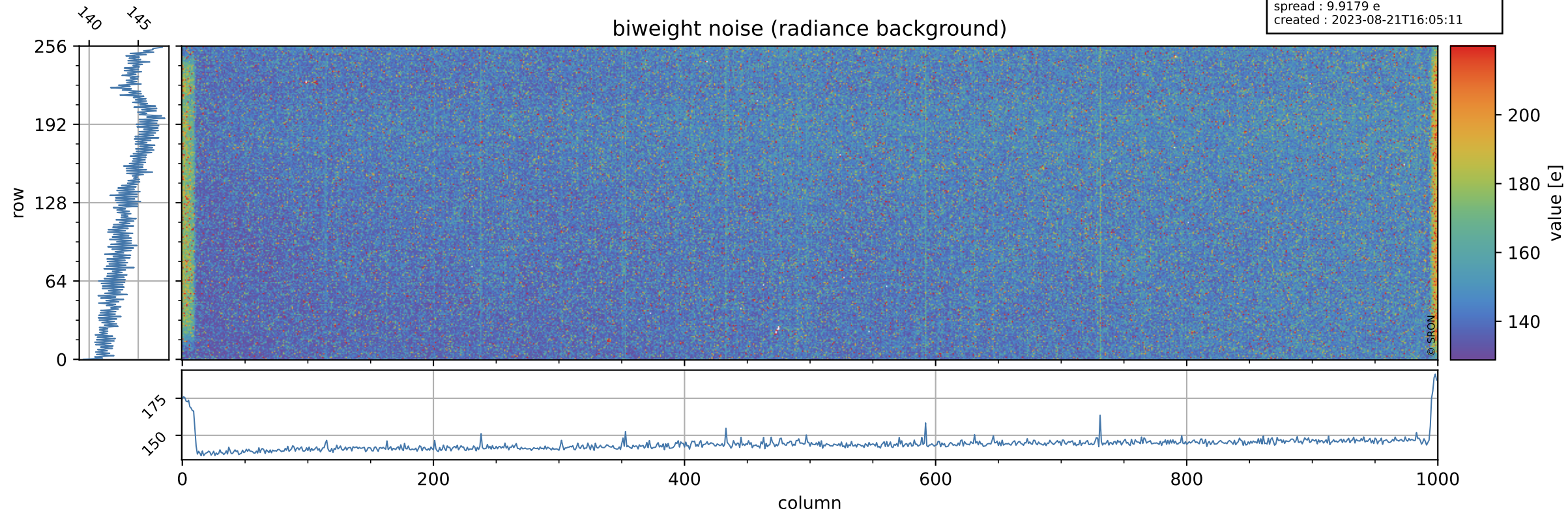
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [19327, 19417]
coverage : 2021-07-07 / 2021-07-13
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.9179 e
created : 2023-08-21T16:05:11

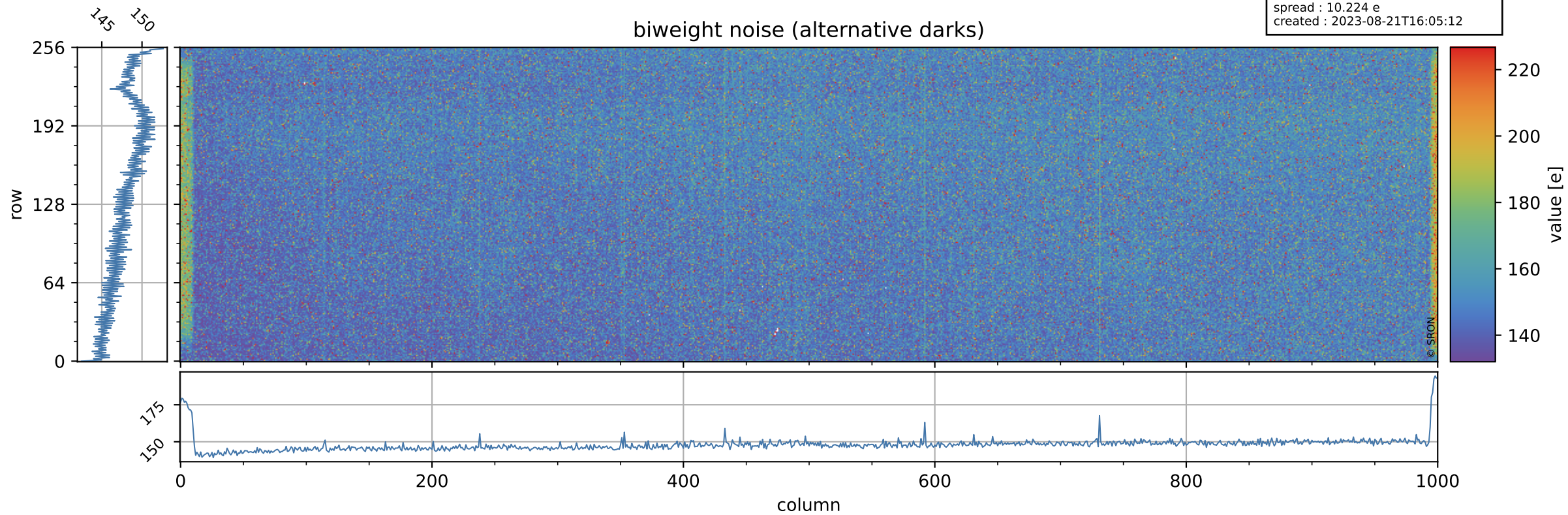
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [19327, 19417]
coverage : 2021-07-07 / 2021-07-13
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.224 e
created : 2023-08-21T16:05:12

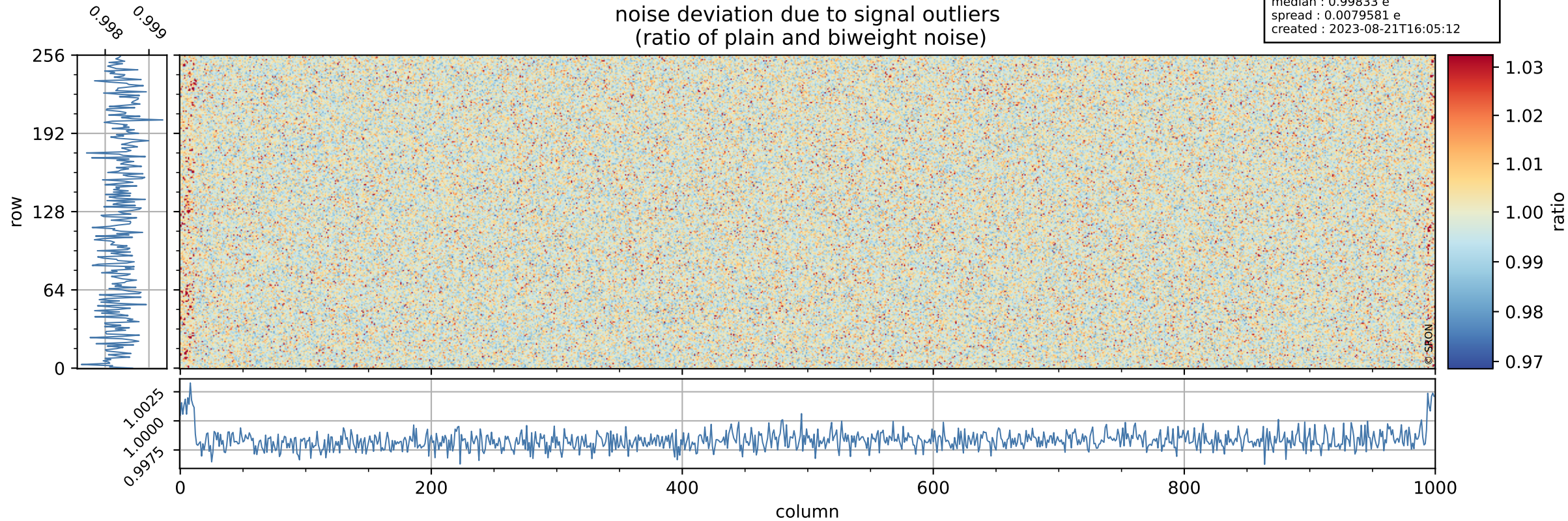
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

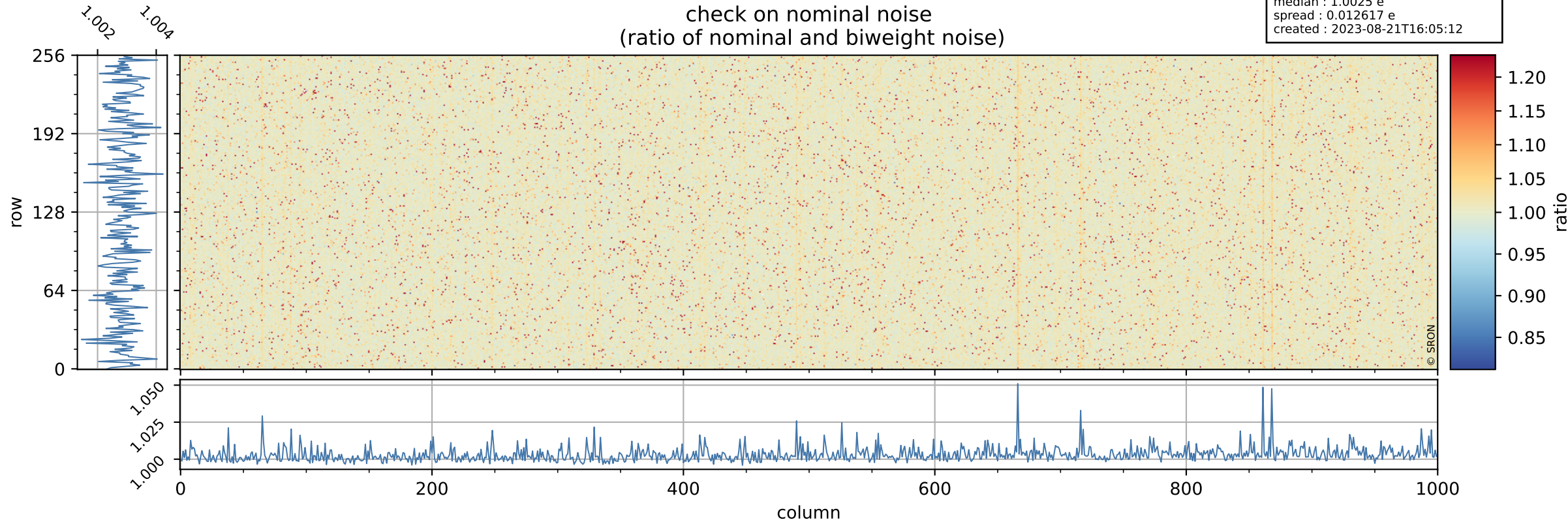
orbits : 13 in [19327, 19417]
coverage : 2021-07-07 / 2021-07-13
median : 0.99833 e
spread : 0.0079581 e
created : 2023-08-21T16:05:12



Tropomi SWIR background noise (swir)

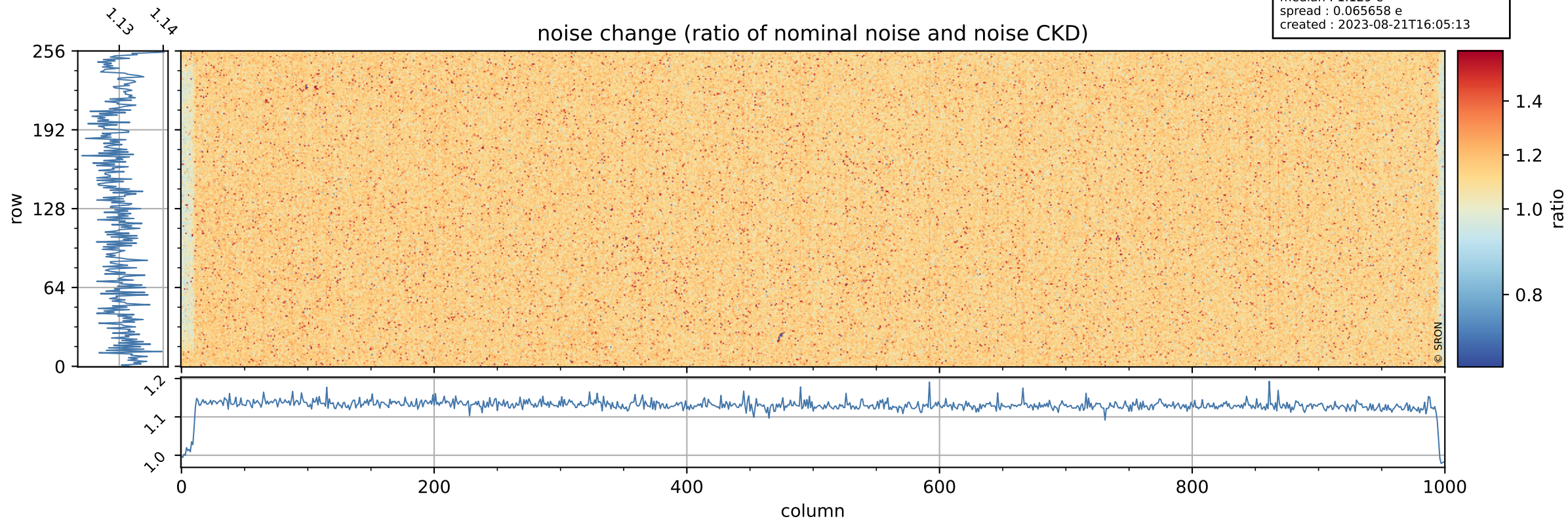
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [19327, 19417]
coverage : 2021-07-07 / 2021-07-13
median : 1.0025 e
spread : 0.012617 e
created : 2023-08-21T16:05:12



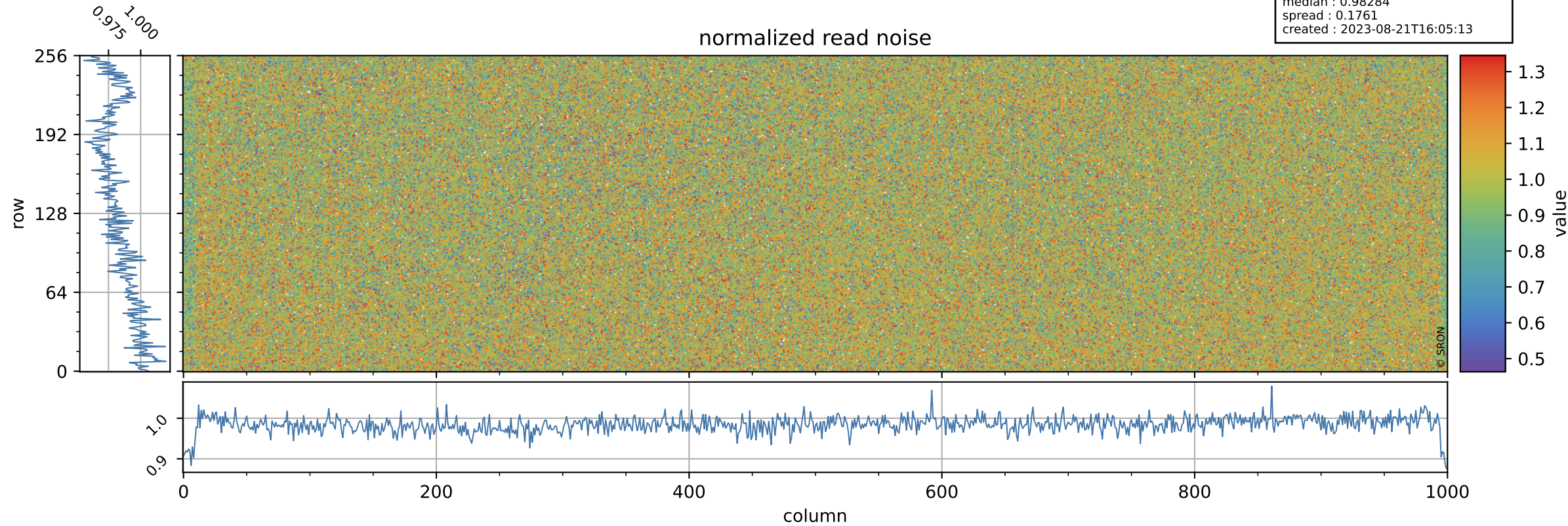
Tropomi SWIR background noise (swir)

orbits : 13 in [19327, 19417]
coverage : 2021-07-07 / 2021-07-13
median : 1.129 e
spread : 0.065658 e
created : 2023-08-21T16:05:13



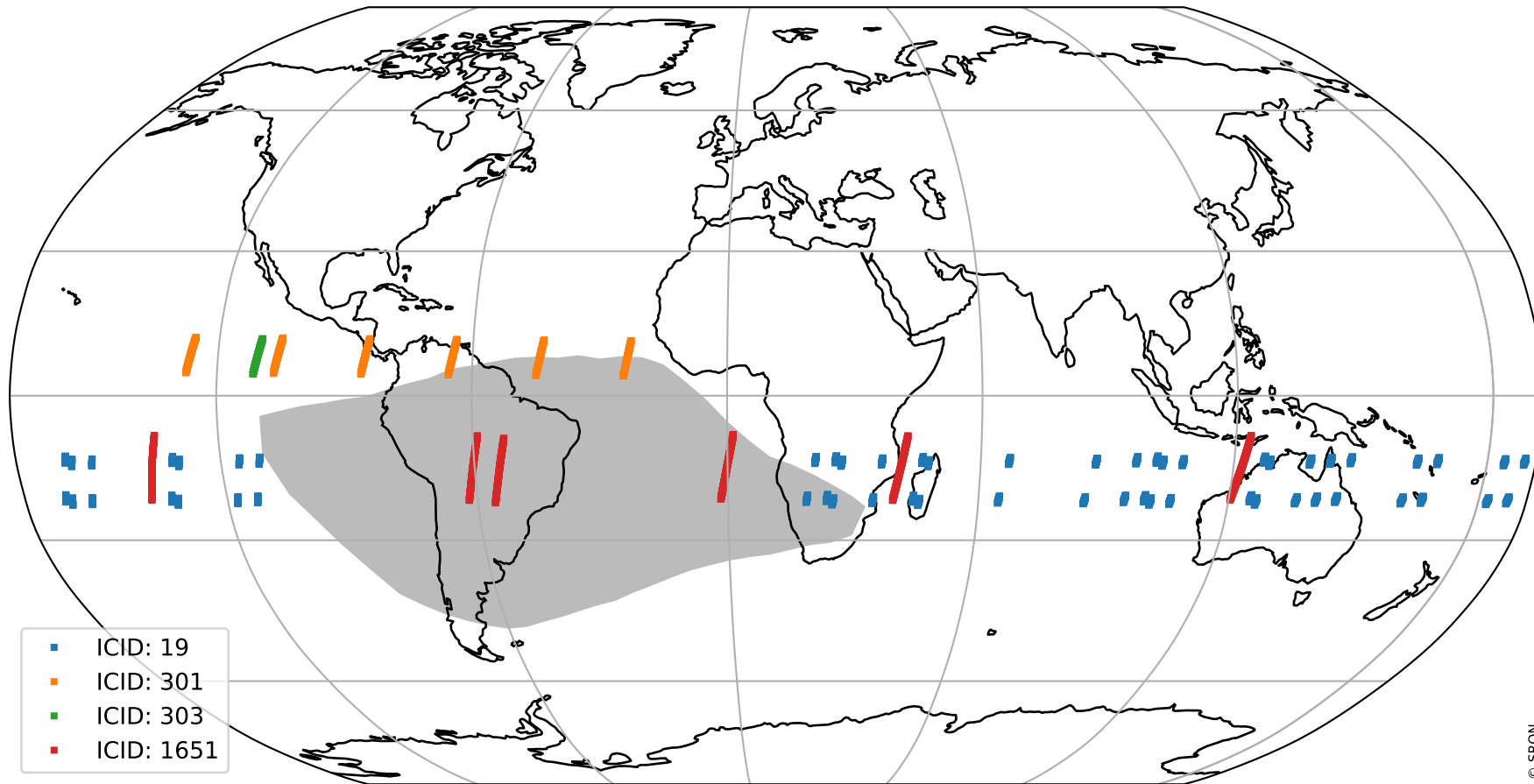
Tropomi SWIR background noise (swir)

orbits : 13 in [19327, 19417]
coverage : 2021-07-07 / 2021-07-13
median : 0.98284
spread : 0.1761
created : 2023-08-21T16:05:13



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

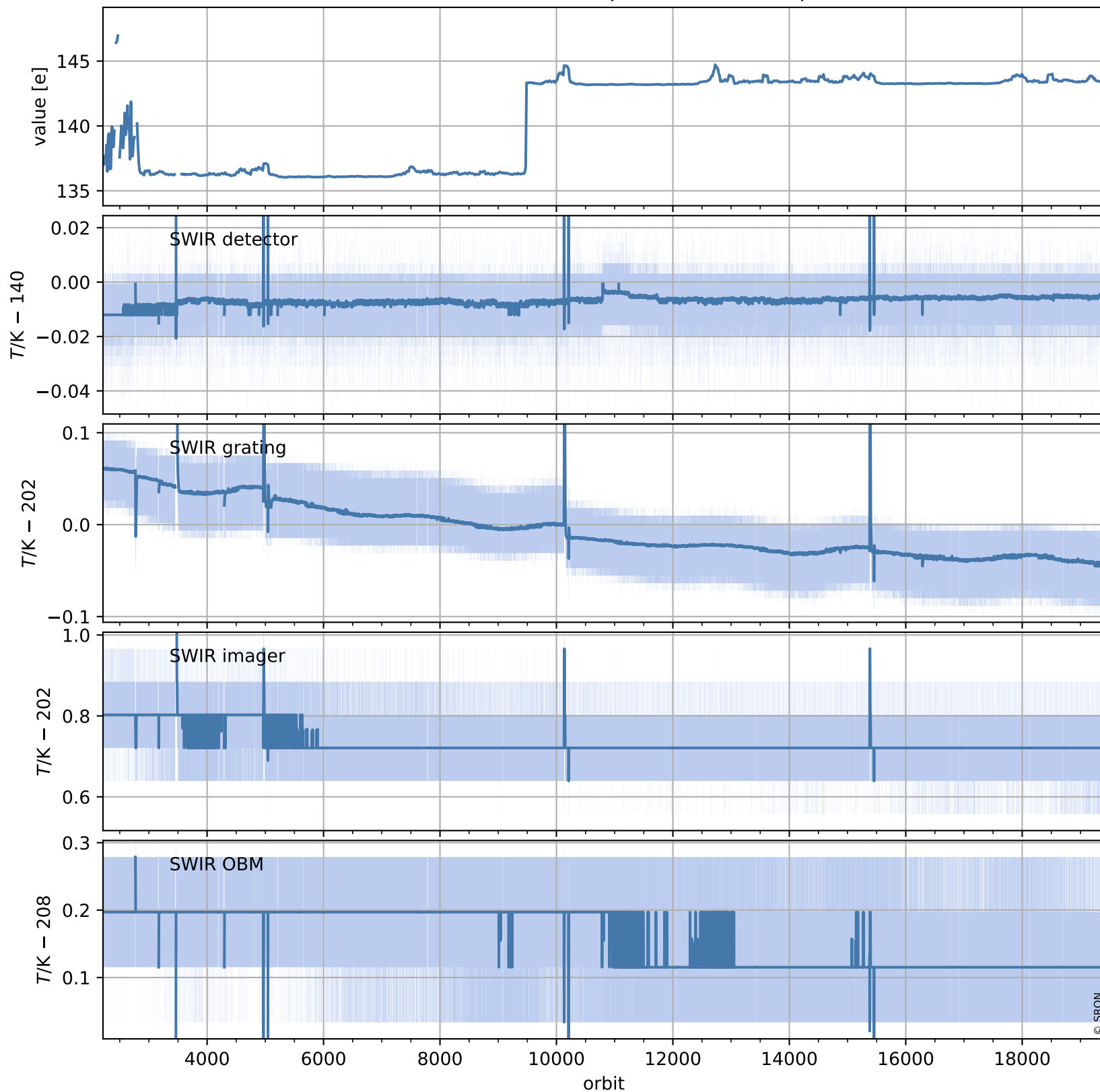
orbits : 13 in [19327, 19417]
coverage : 2021-07-07 / 2021-07-13
created : 2023-08-21T16:05:13



Tropomi SWIR background noise (swir)

orbits : [2212, 19417]
coverage : 2018-03-18 / 2021-07-13
created : 2023-08-21T16:05:14

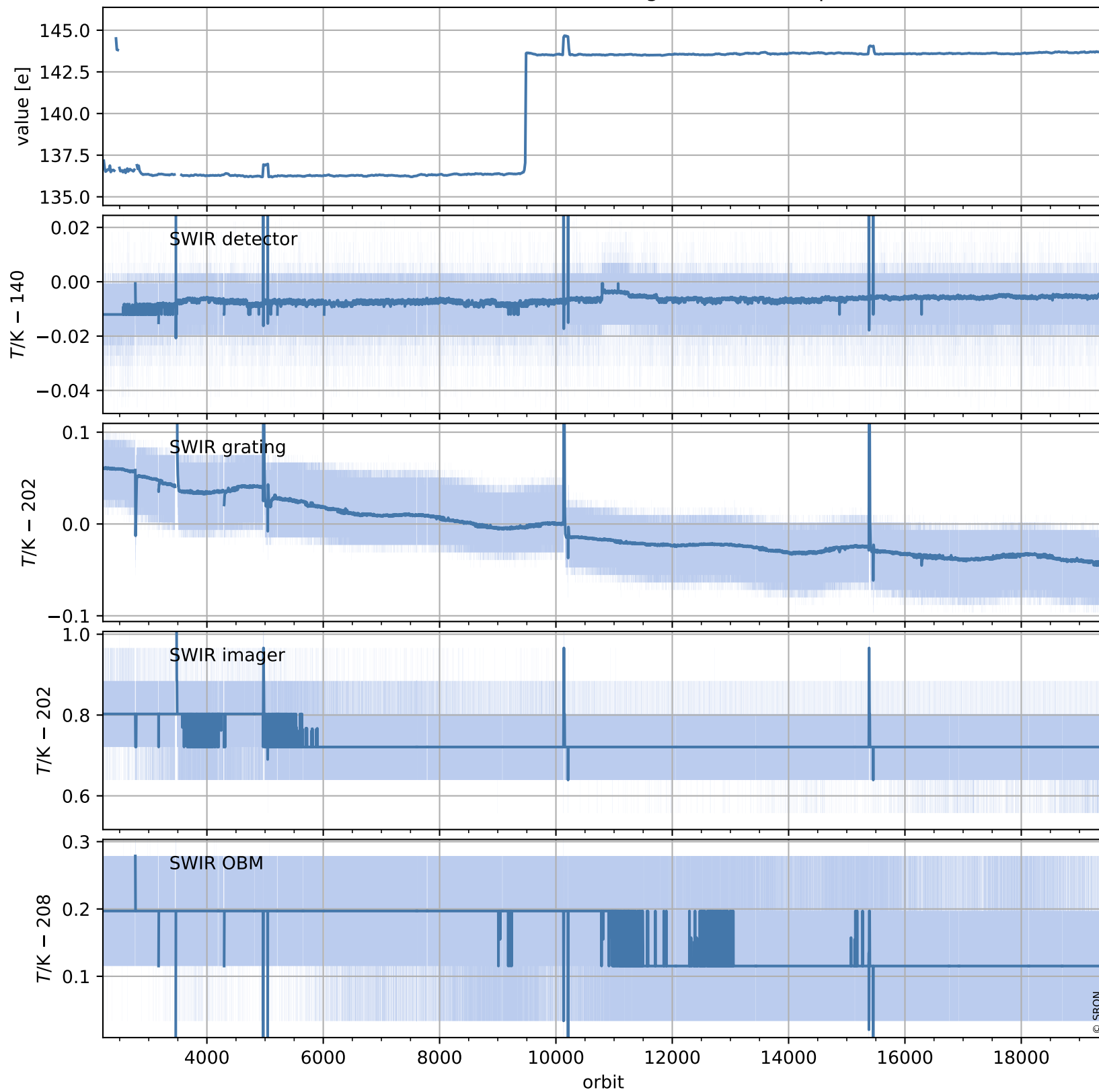
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19417]
coverage : 2018-03-18 / 2021-07-13
created : 2023-08-21T16:05:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19417]
coverage : 2018-03-18 / 2021-07-13
created : 2023-08-21T16:05:15

trend of normalized read-noise & temperatures

