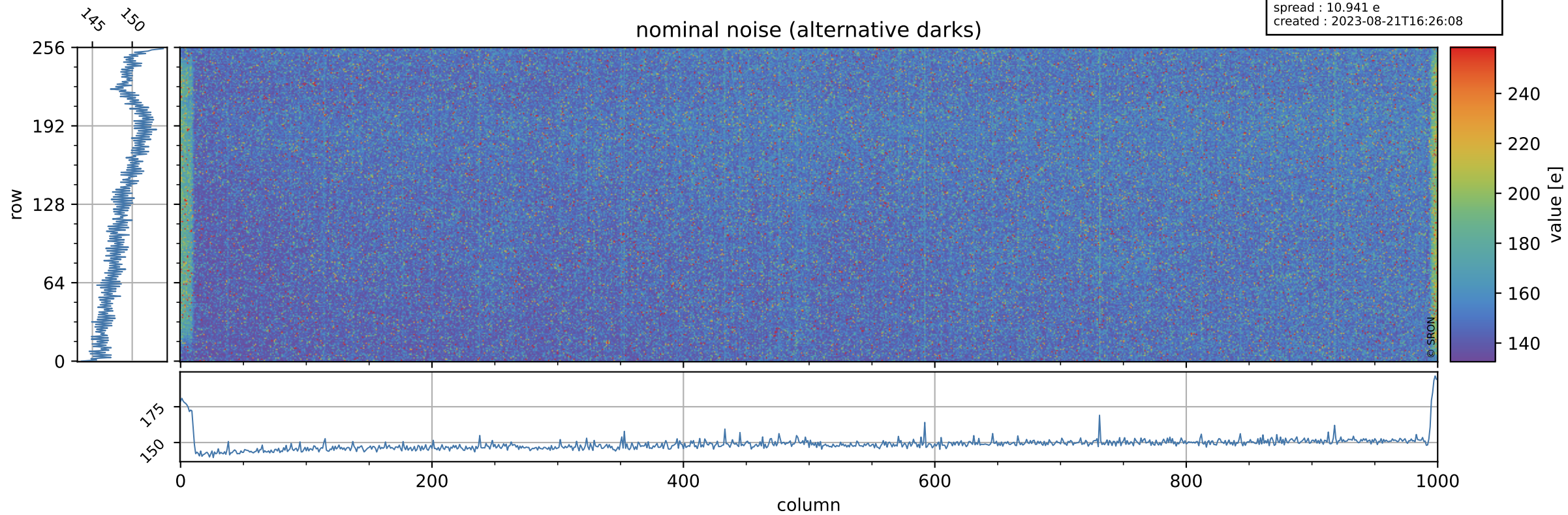


Tropomi SWIR background noise (swir)

orbits : 12 in [22717, 22792]
coverage : 2022-03-01 / 2022-03-07
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 10.941 e
created : 2023-08-21T16:26:08

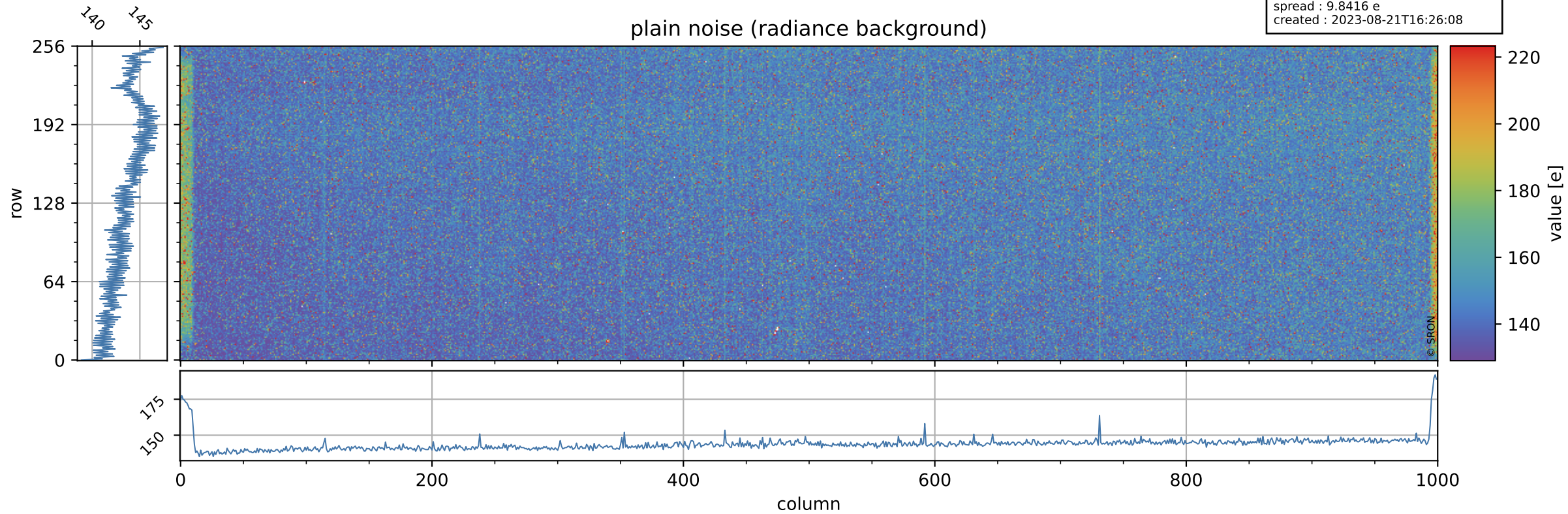
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22717, 22792]
coverage : 2022-03-01 / 2022-03-07
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.8416 e
created : 2023-08-21T16:26:08

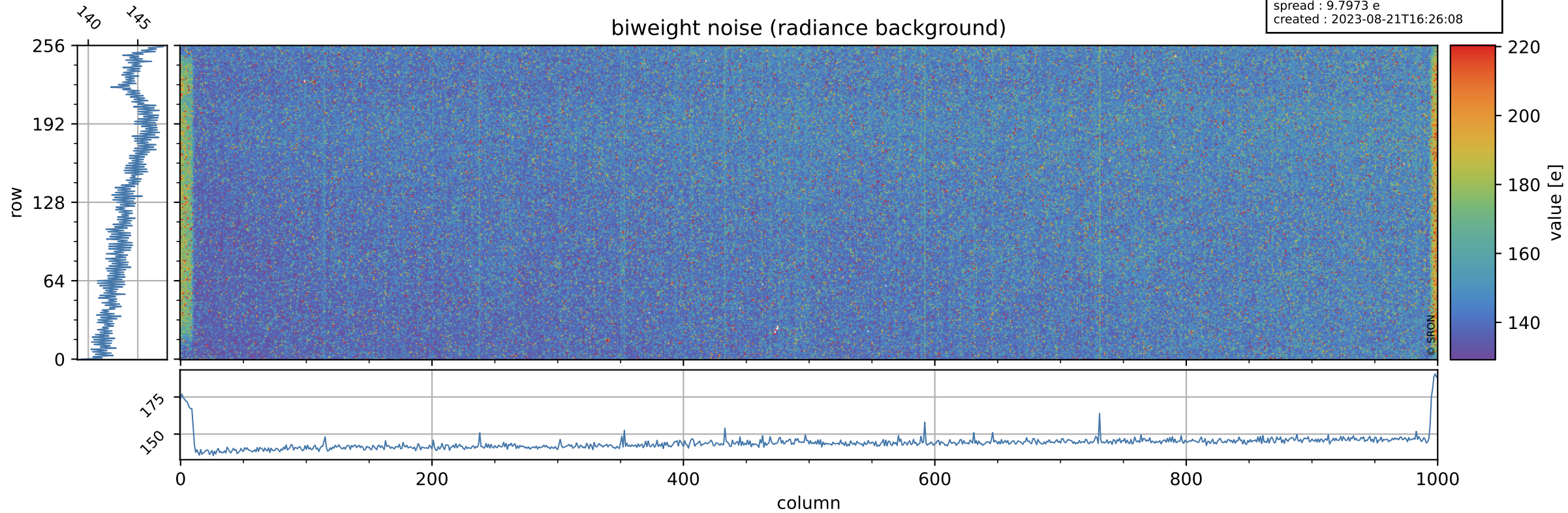
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22717, 22792]
coverage : 2022-03-01 / 2022-03-07
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.7973 e
created : 2023-08-21T16:26:08

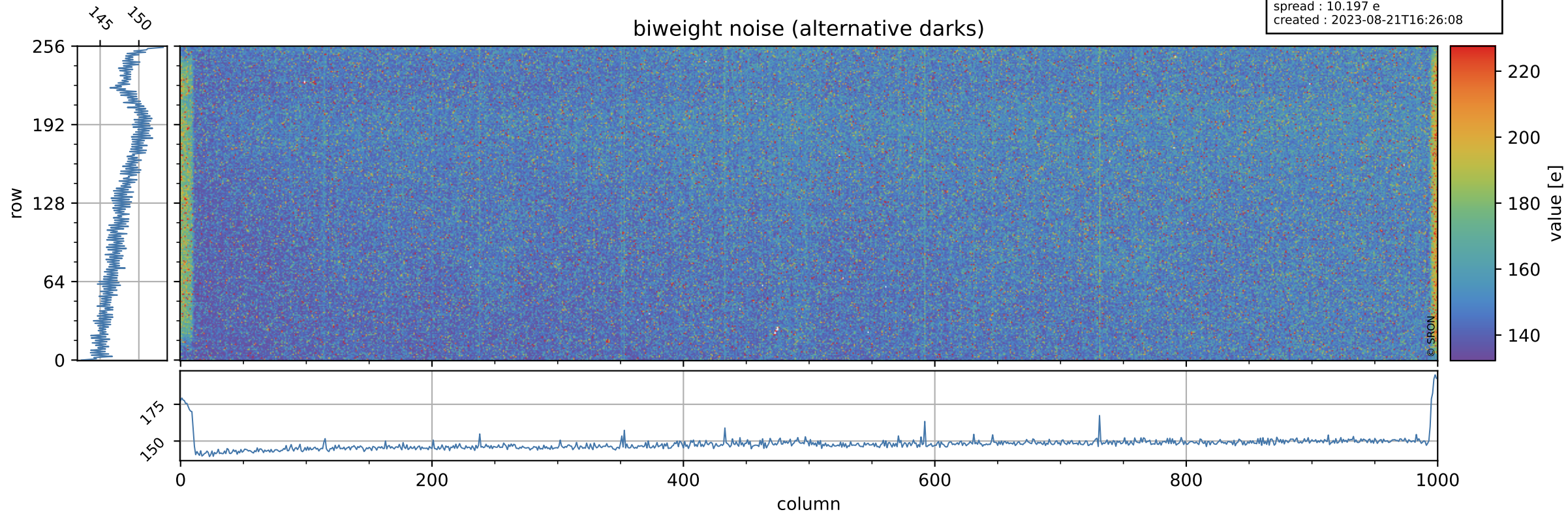
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22717, 22792]
coverage : 2022-03-01 / 2022-03-07
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.197 e
created : 2023-08-21T16:26:08

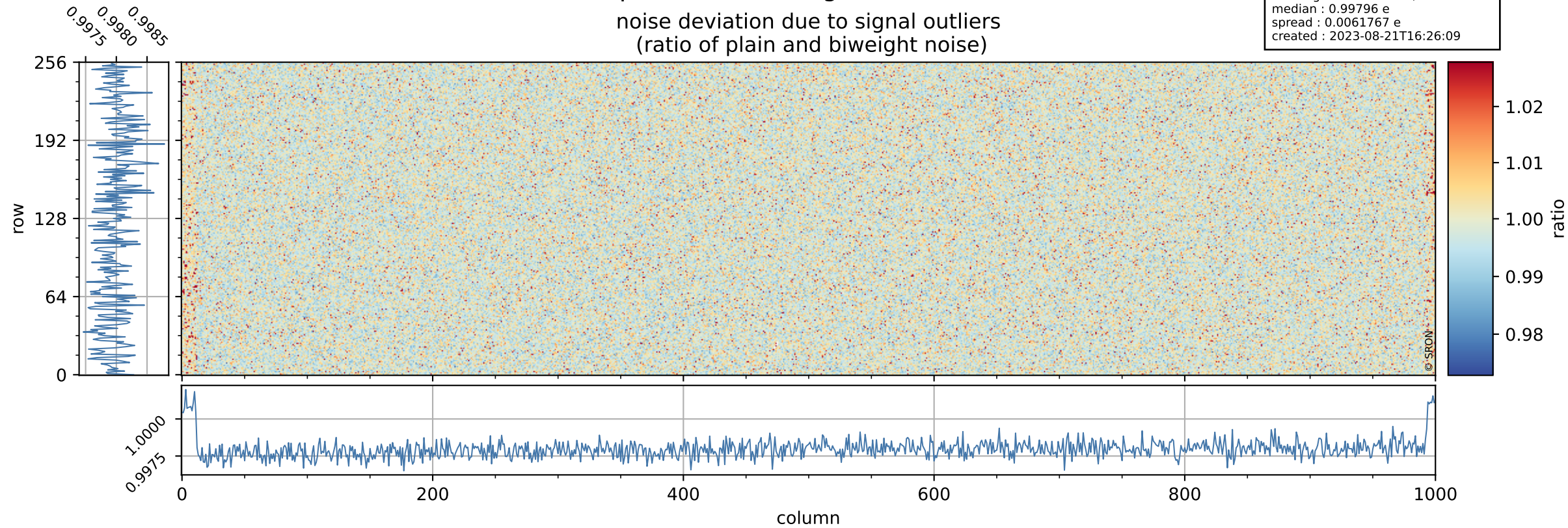
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

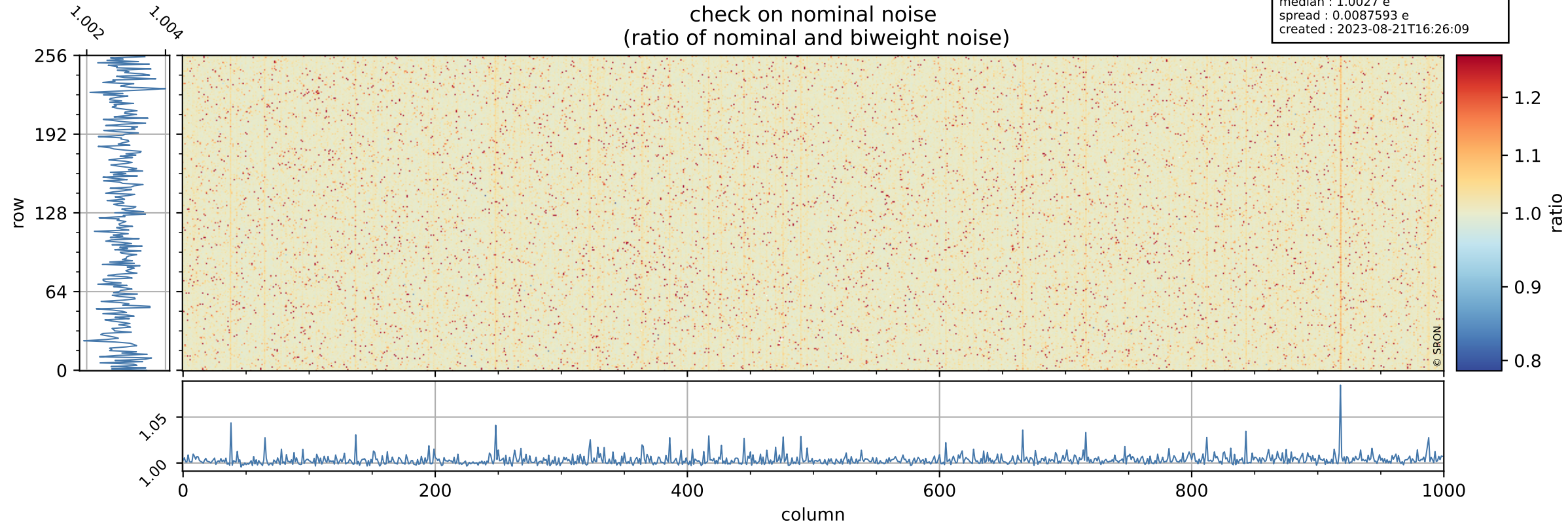
orbits : 12 in [22717, 22792]
coverage : 2022-03-01 / 2022-03-07
median : 0.99796 e
spread : 0.0061767 e
created : 2023-08-21T16:26:09



Tropomi SWIR background noise (swir)

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

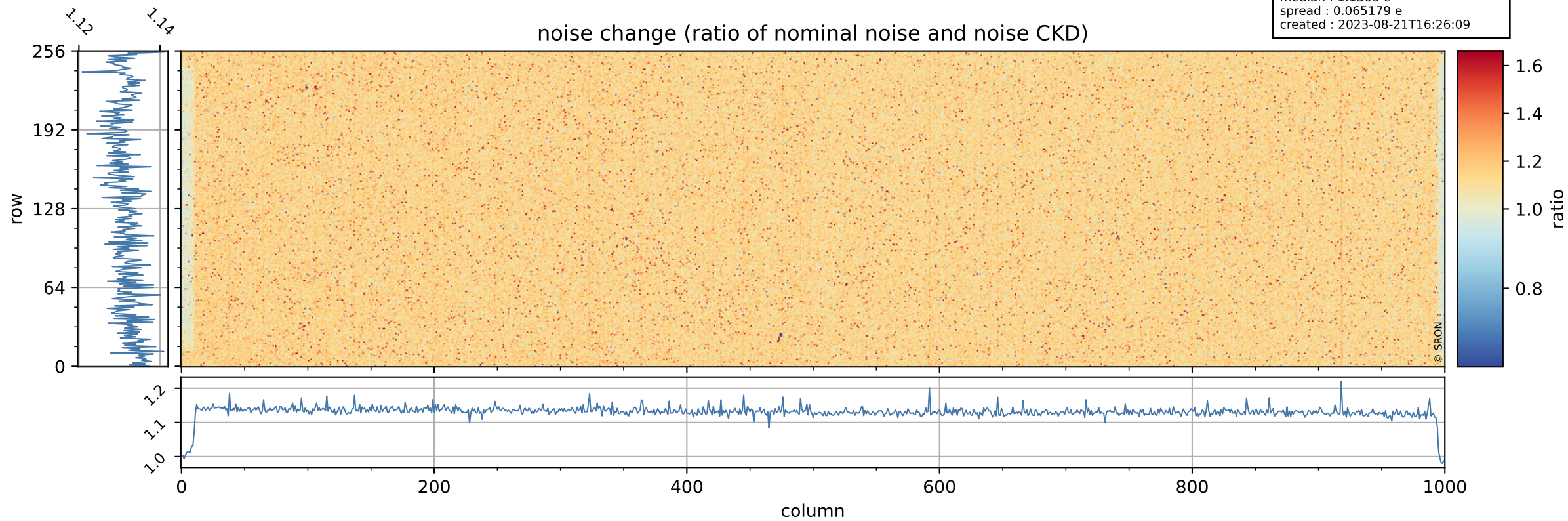
orbits : 12 in [22717, 22792]
coverage : 2022-03-01 / 2022-03-07
median : 1.0027 e
spread : 0.0087593 e
created : 2023-08-21T16:26:09



Tropomi SWIR background noise (swir)

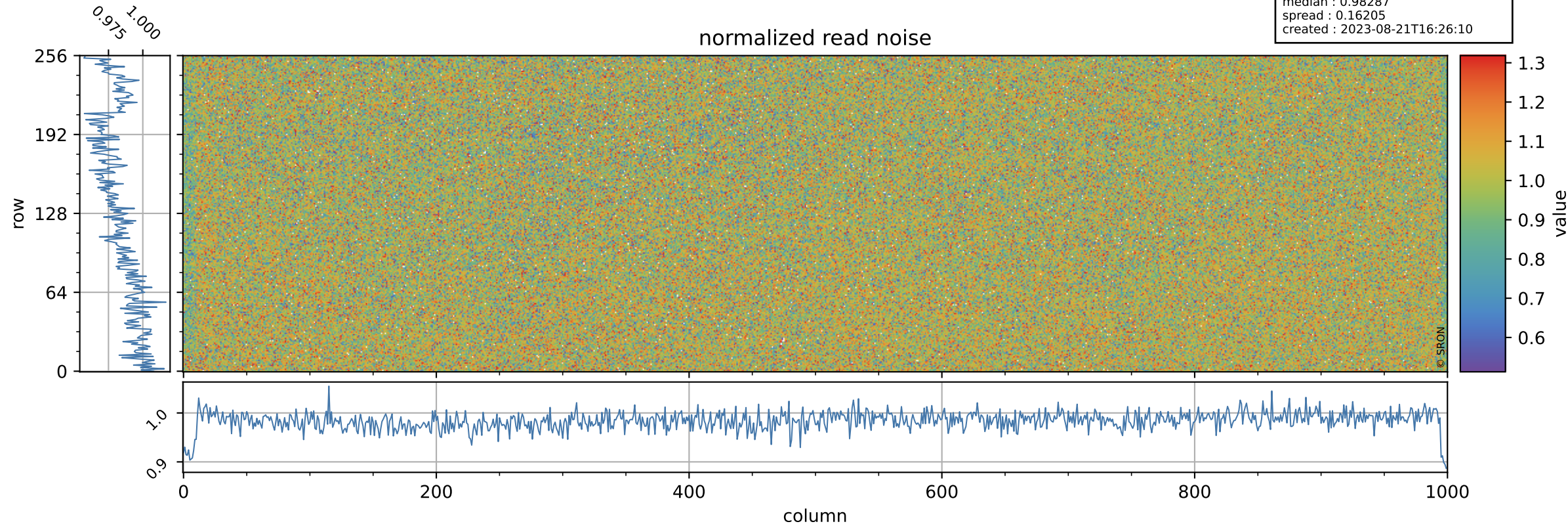
orbits : 12 in [22717, 22792]
coverage : 2022-03-01 / 2022-03-07
median : 1.1305 e
spread : 0.065179 e
created : 2023-08-21T16:26:09

noise change (ratio of nominal noise and noise CKD)



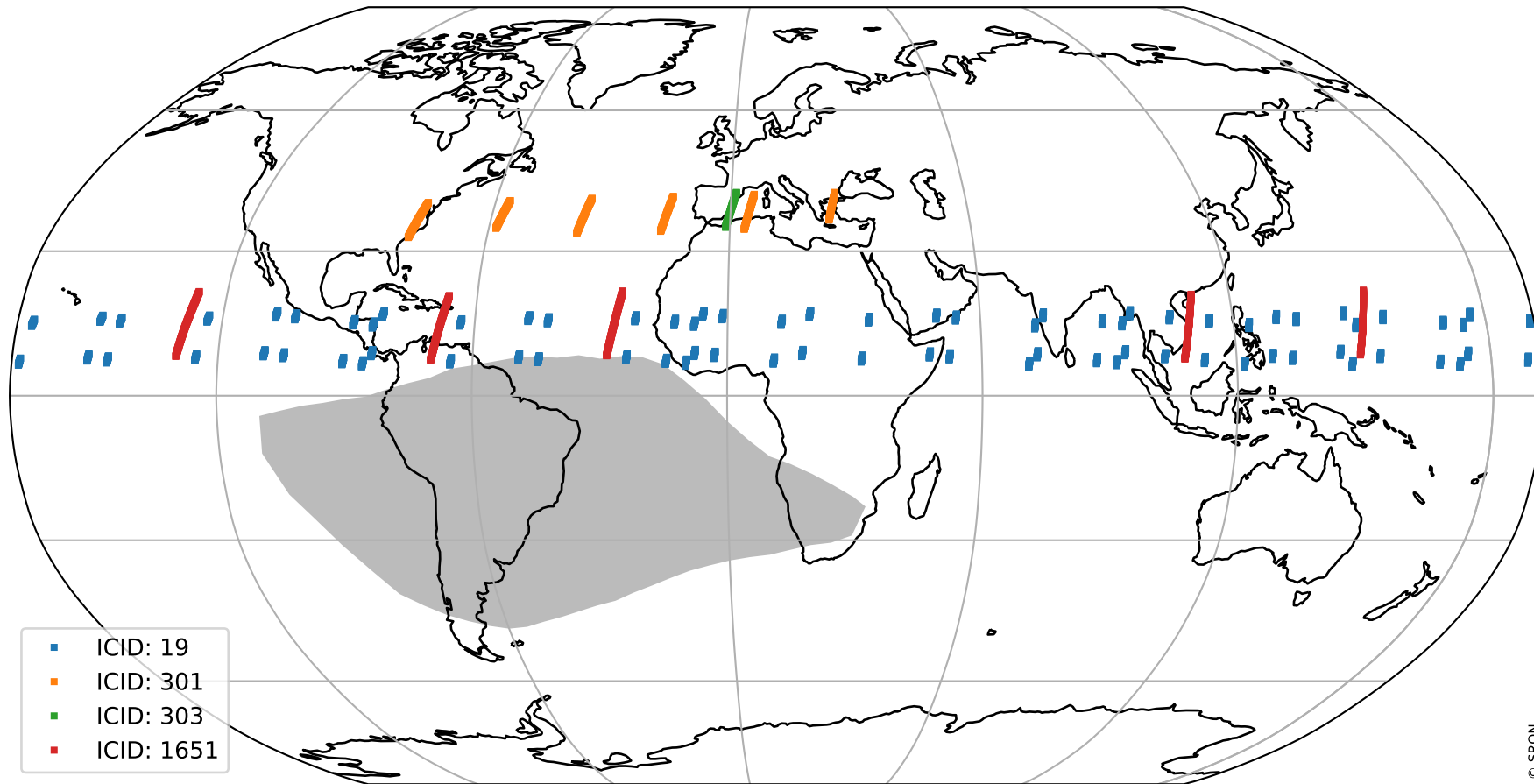
Tropomi SWIR background noise (swir)

orbits : 12 in [22717, 22792]
coverage : 2022-03-01 / 2022-03-07
median : 0.98287
spread : 0.16205
created : 2023-08-21T16:26:10



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

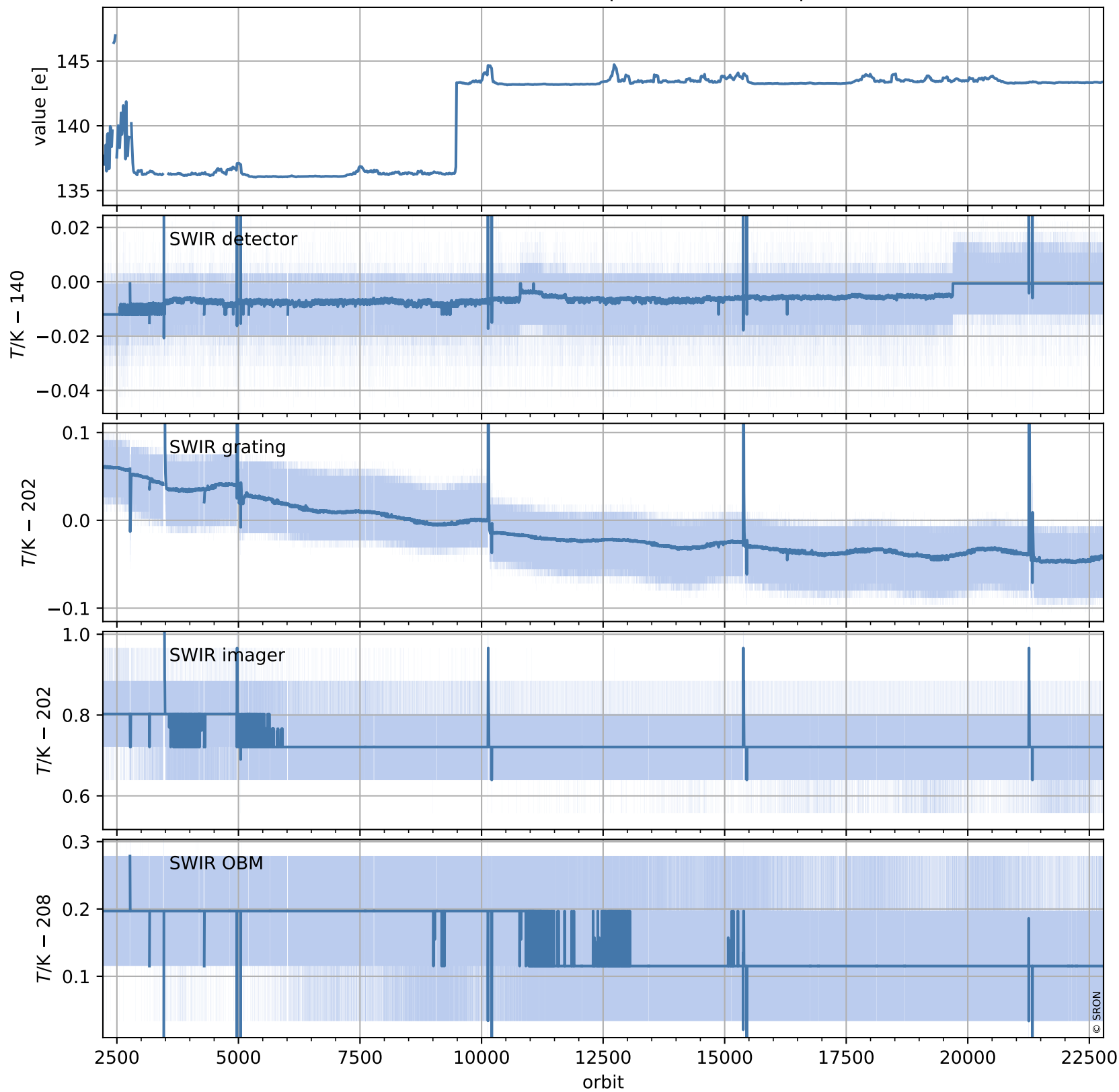
orbits : 12 in [22717, 22792]
coverage : 2022-03-01 / 2022-03-07
created : 2023-08-21T16:26:10



Tropomi SWIR background noise (swir)

orbits : [2212, 22792]
coverage : 2018-03-18 / 2022-03-07
created : 2023-08-21T16:26:10

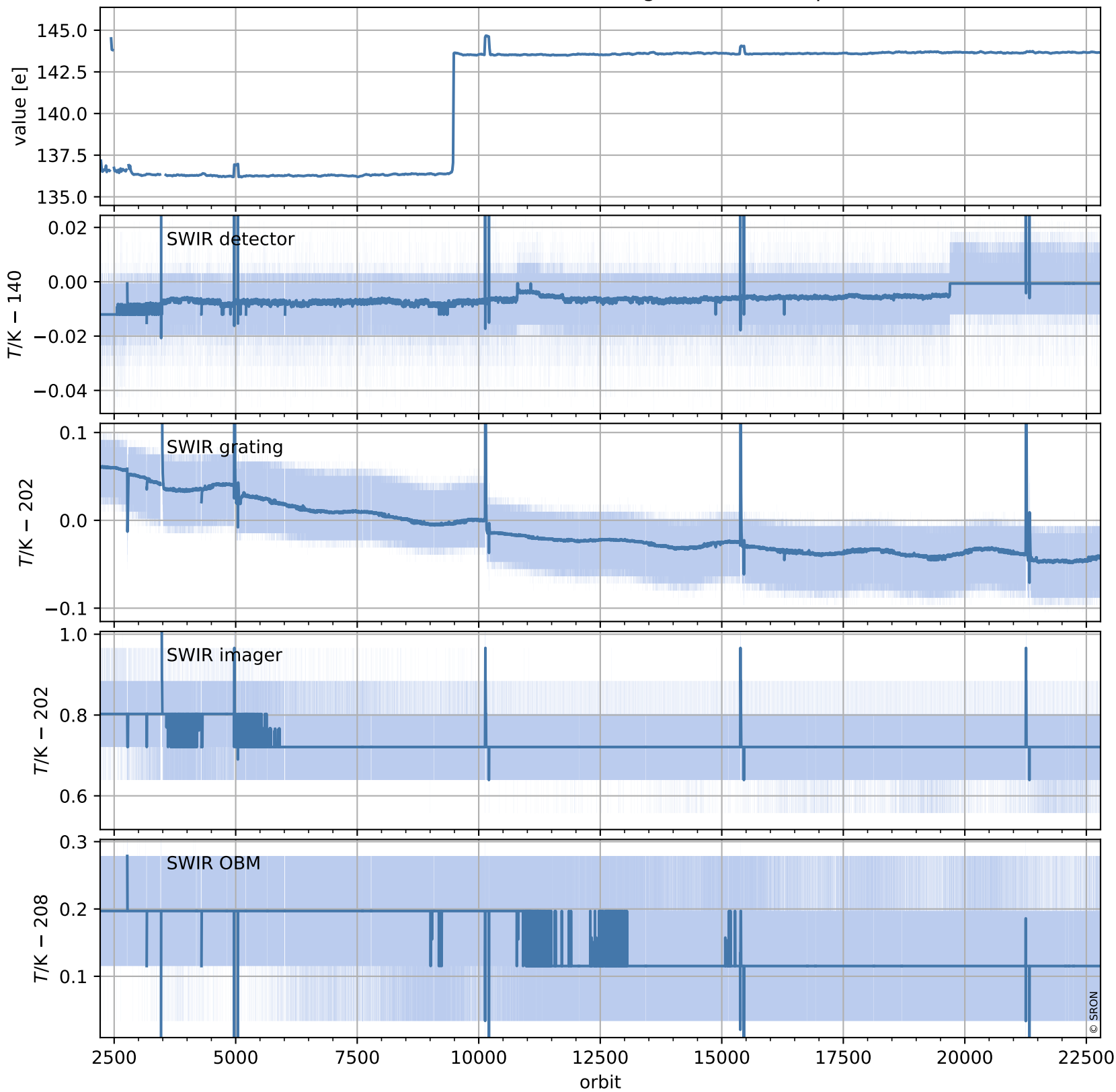
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22792]
coverage : 2018-03-18 / 2022-03-07
created : 2023-08-21T16:26:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22792]
coverage : 2018-03-18 / 2022-03-07
created : 2023-08-21T16:26:12

trend of normalized read-noise & temperatures

