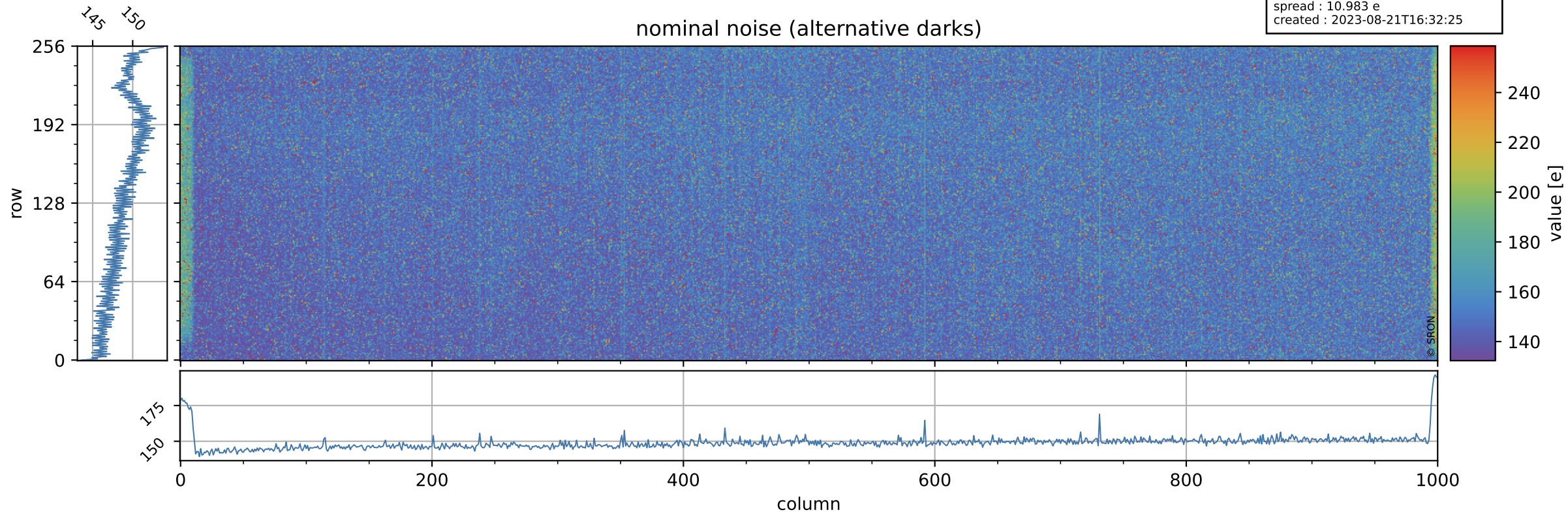


Tropomi SWIR background noise (swir)

orbits : 12 in [23692, 23767]
coverage : 2022-05-09 / 2022-05-15
n_coad, t_exp : 1, 1.0783
median : 148.72 e
spread : 10.983 e
created : 2023-08-21T16:32:25

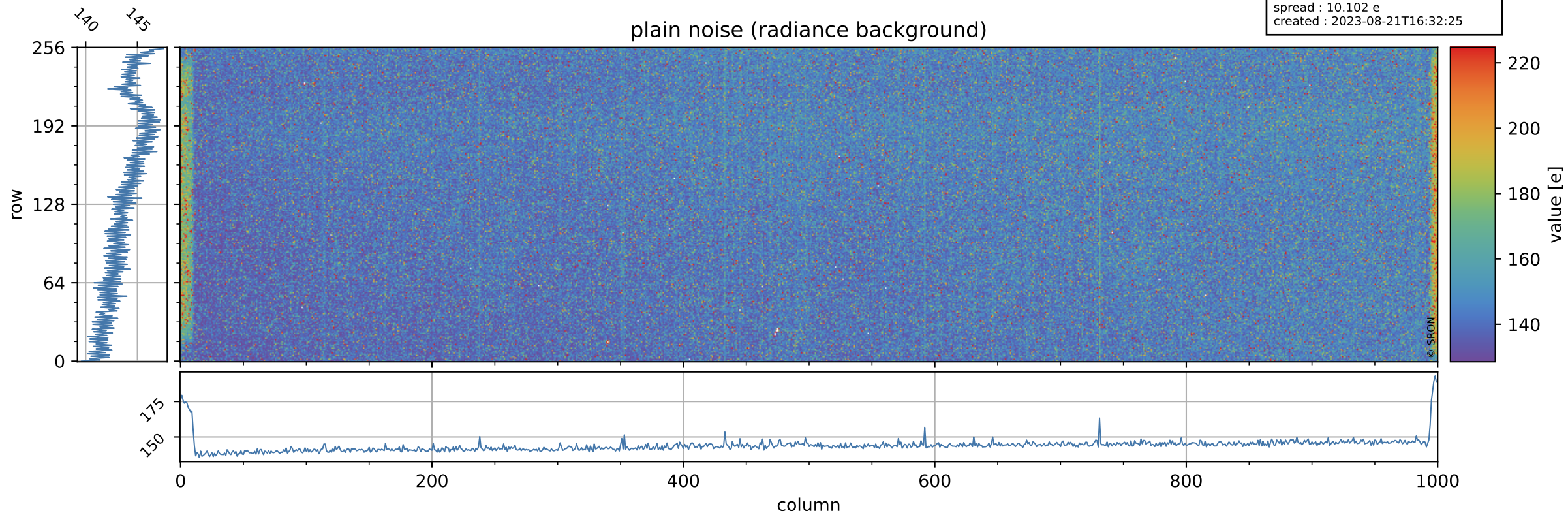
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23692, 23767]
coverage : 2022-05-09 / 2022-05-15
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 10.102 e
created : 2023-08-21T16:32:25

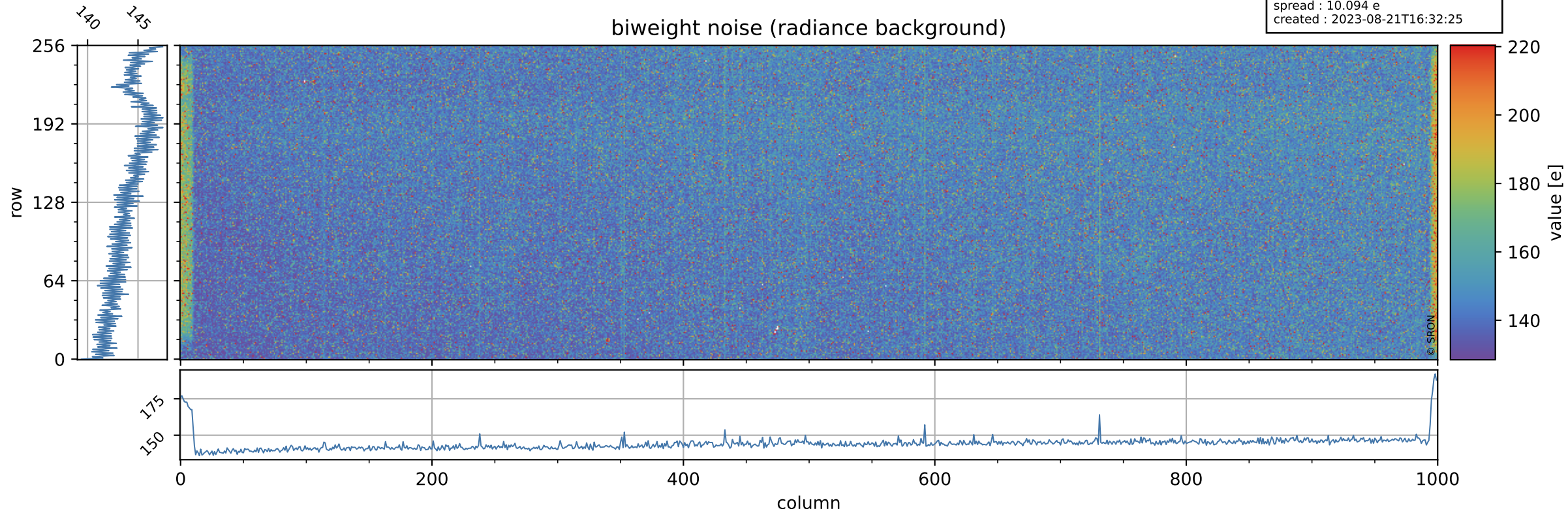
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23692, 23767]
coverage : 2022-05-09 / 2022-05-15
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 10.094 e
created : 2023-08-21T16:32:25

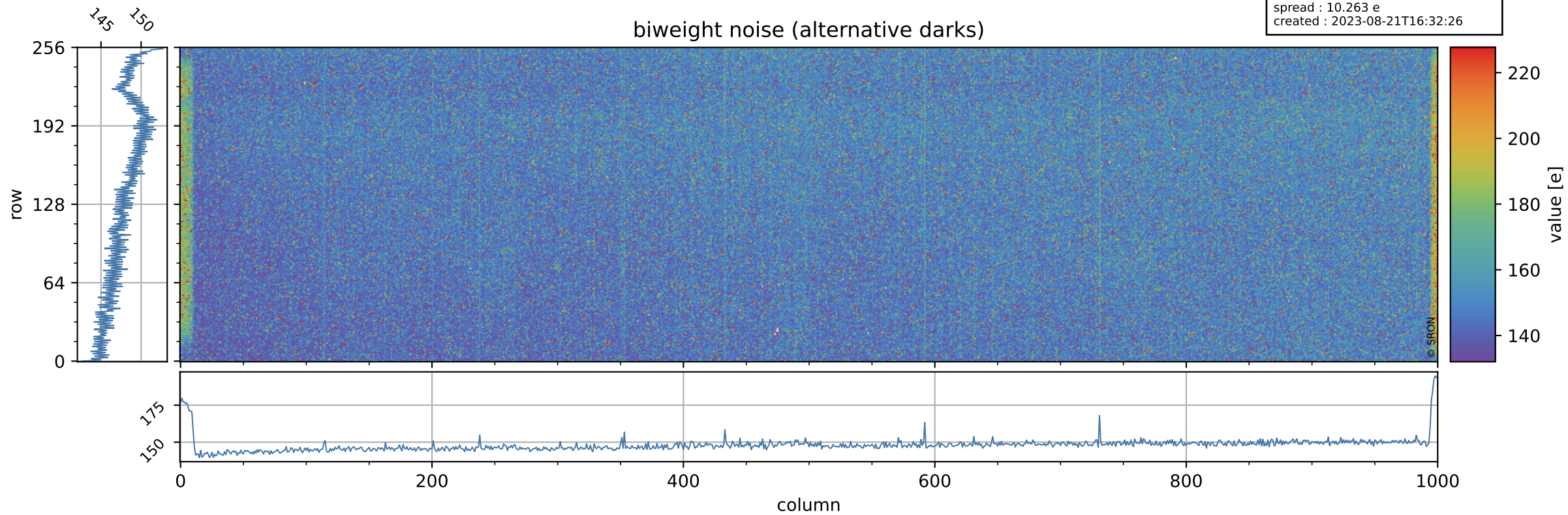
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23692, 23767]
coverage : 2022-05-09 / 2022-05-15
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.263 e
created : 2023-08-21T16:32:26

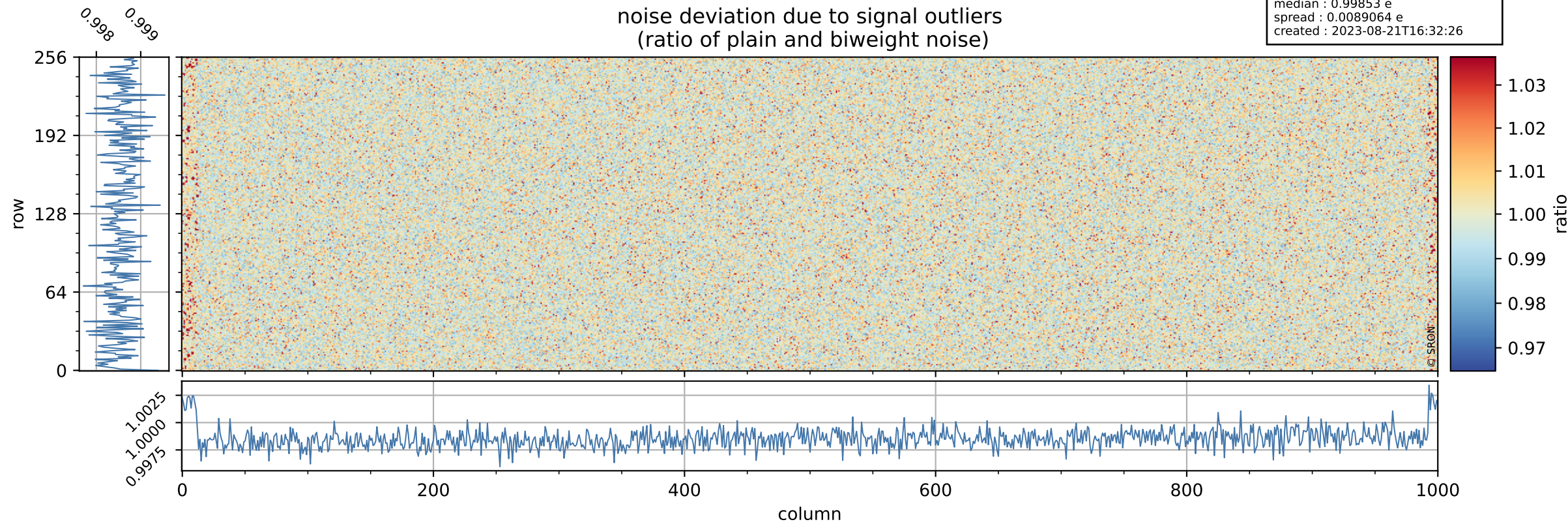
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

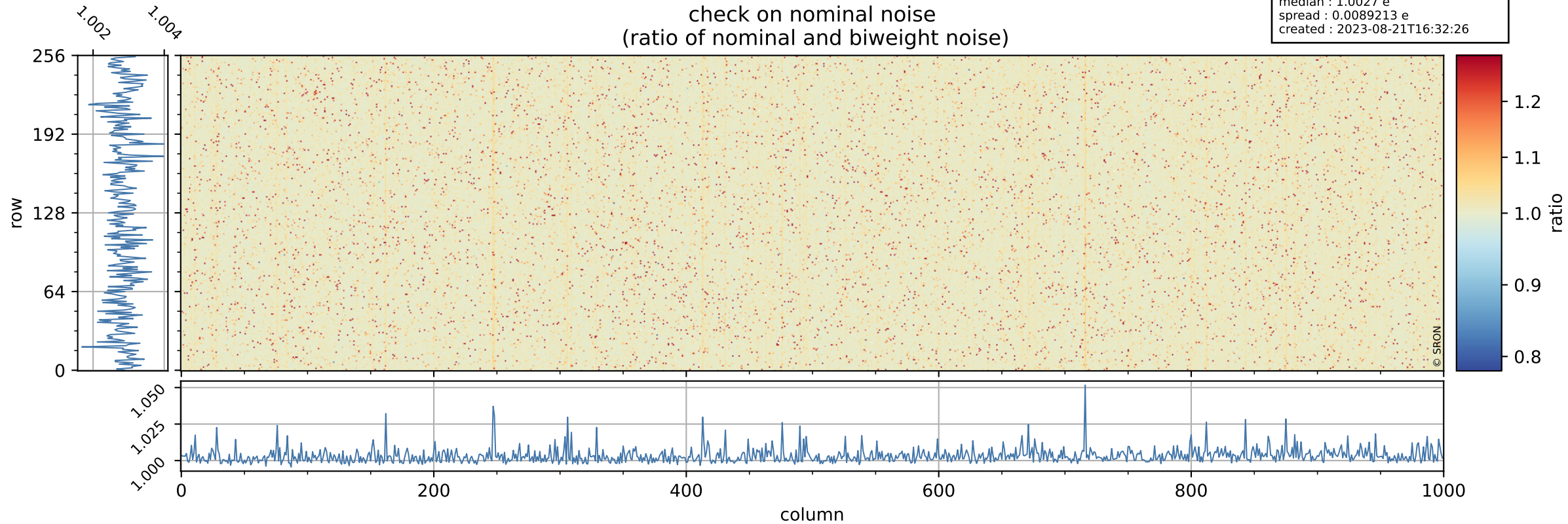
orbits : 12 in [23692, 23767]
coverage : 2022-05-09 / 2022-05-15
median : 0.99853 e
spread : 0.0089064 e
created : 2023-08-21T16:32:26



Tropomi SWIR background noise (swir)

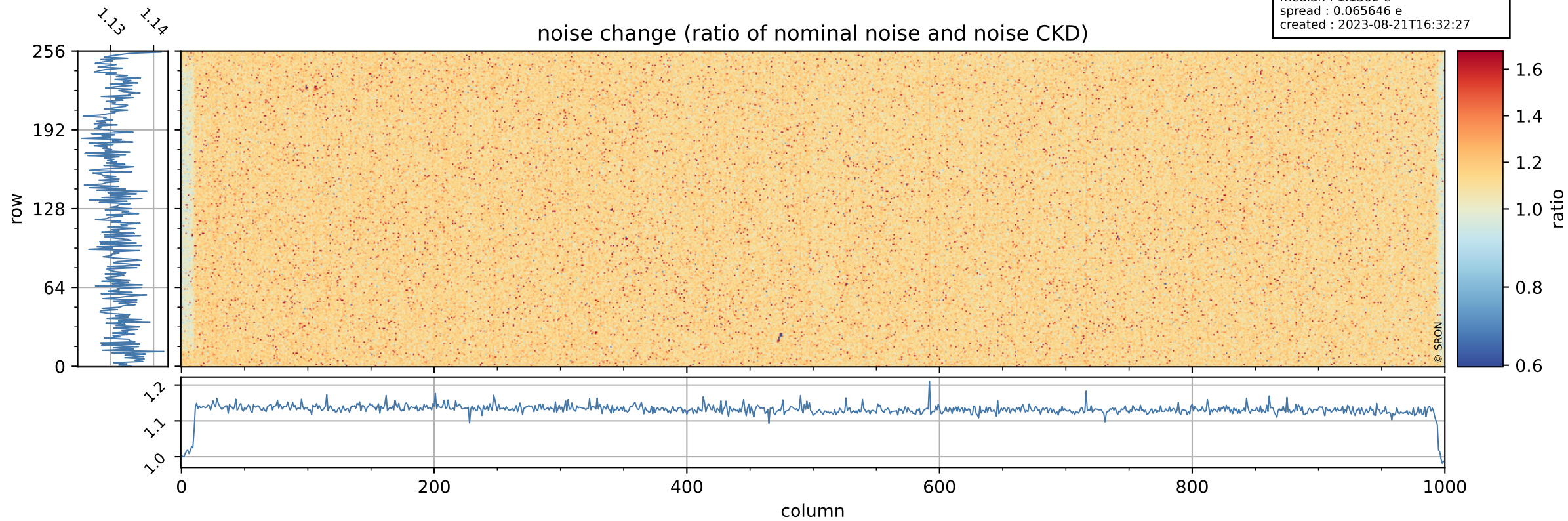
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23692, 23767]
coverage : 2022-05-09 / 2022-05-15
median : 1.0027 e
spread : 0.0089213 e
created : 2023-08-21T16:32:26



Tropomi SWIR background noise (swir)

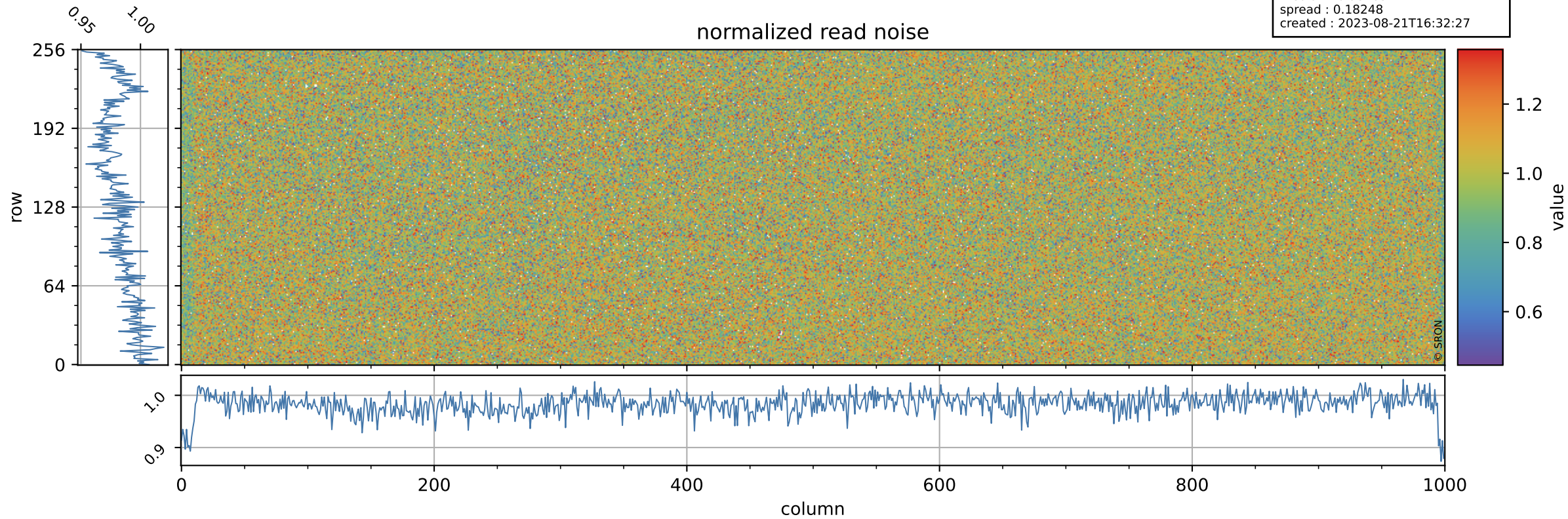
orbits : 12 in [23692, 23767]
coverage : 2022-05-09 / 2022-05-15
median : 1.1302 e
spread : 0.065646 e
created : 2023-08-21T16:32:27



Tropomi SWIR background noise (swir)

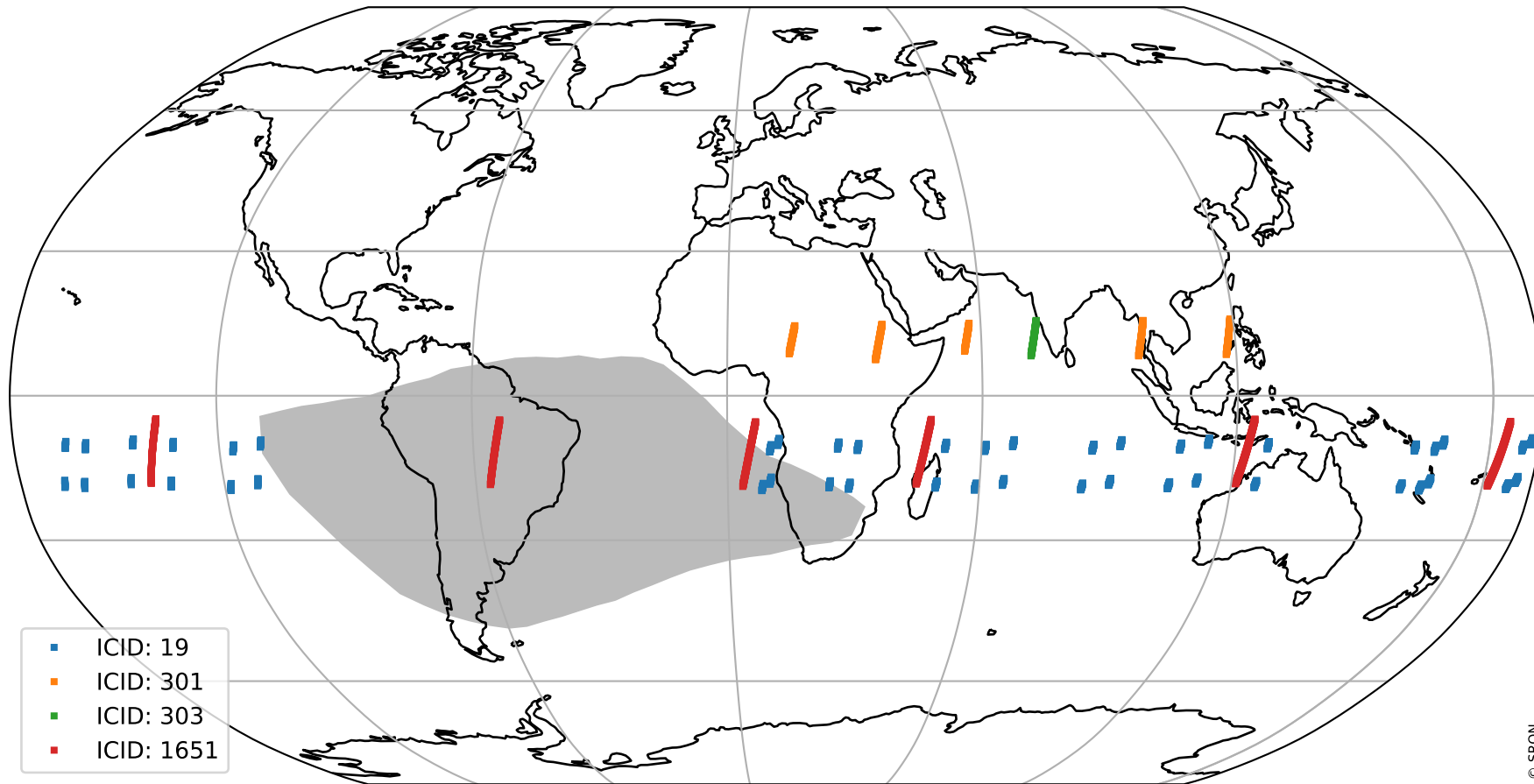
orbits : 12 in [23692, 23767]
coverage : 2022-05-09 / 2022-05-15
median : 0.98205
spread : 0.18248
created : 2023-08-21T16:32:27

normalized read noise



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

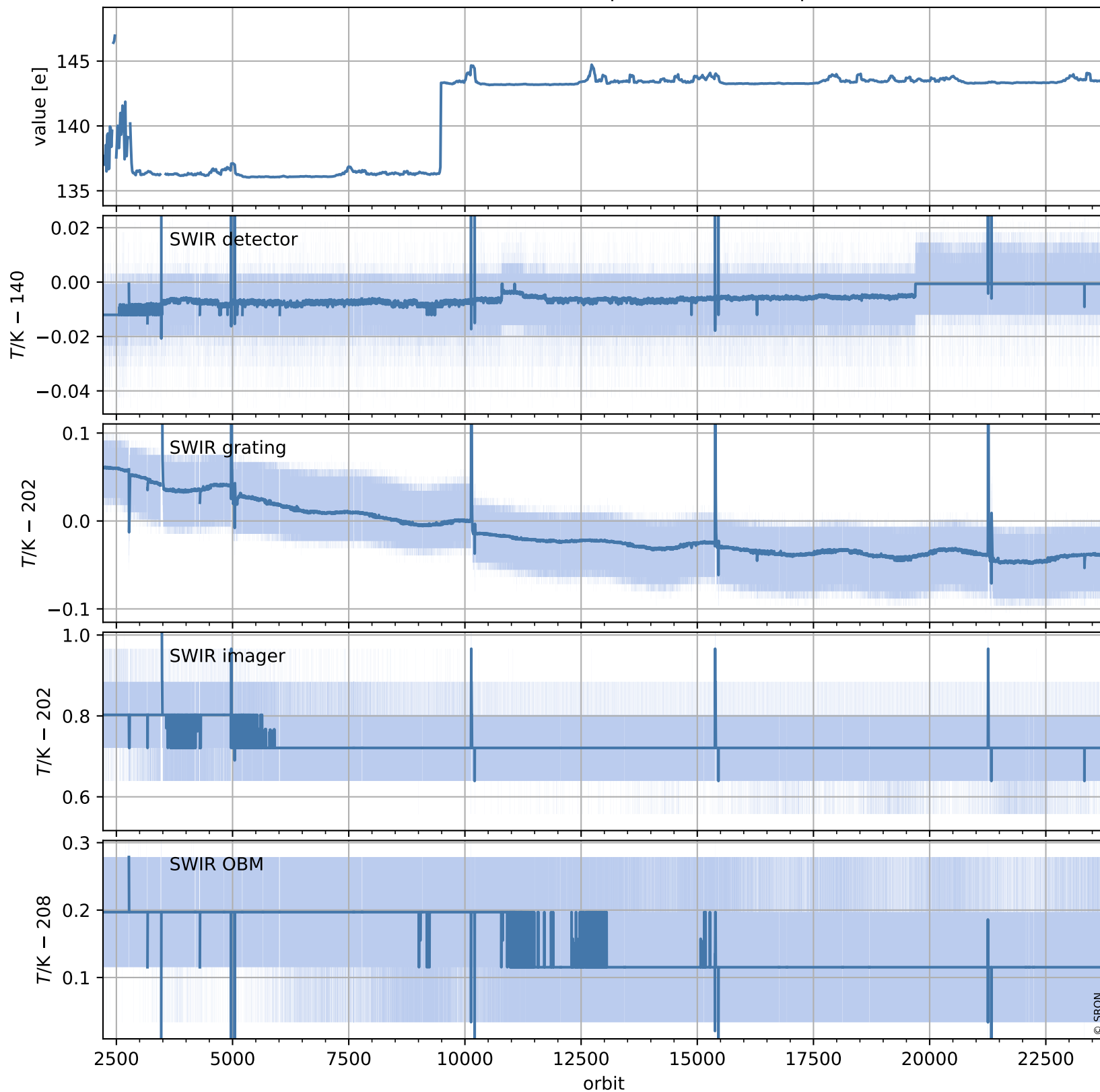
orbits : 12 in [23692, 23767]
coverage : 2022-05-09 / 2022-05-15
created : 2023-08-21T16:32:27



Tropomi SWIR background noise (swir)

orbits : [2212, 23767]
coverage : 2018-03-18 / 2022-05-15
created : 2023-08-21T16:32:27

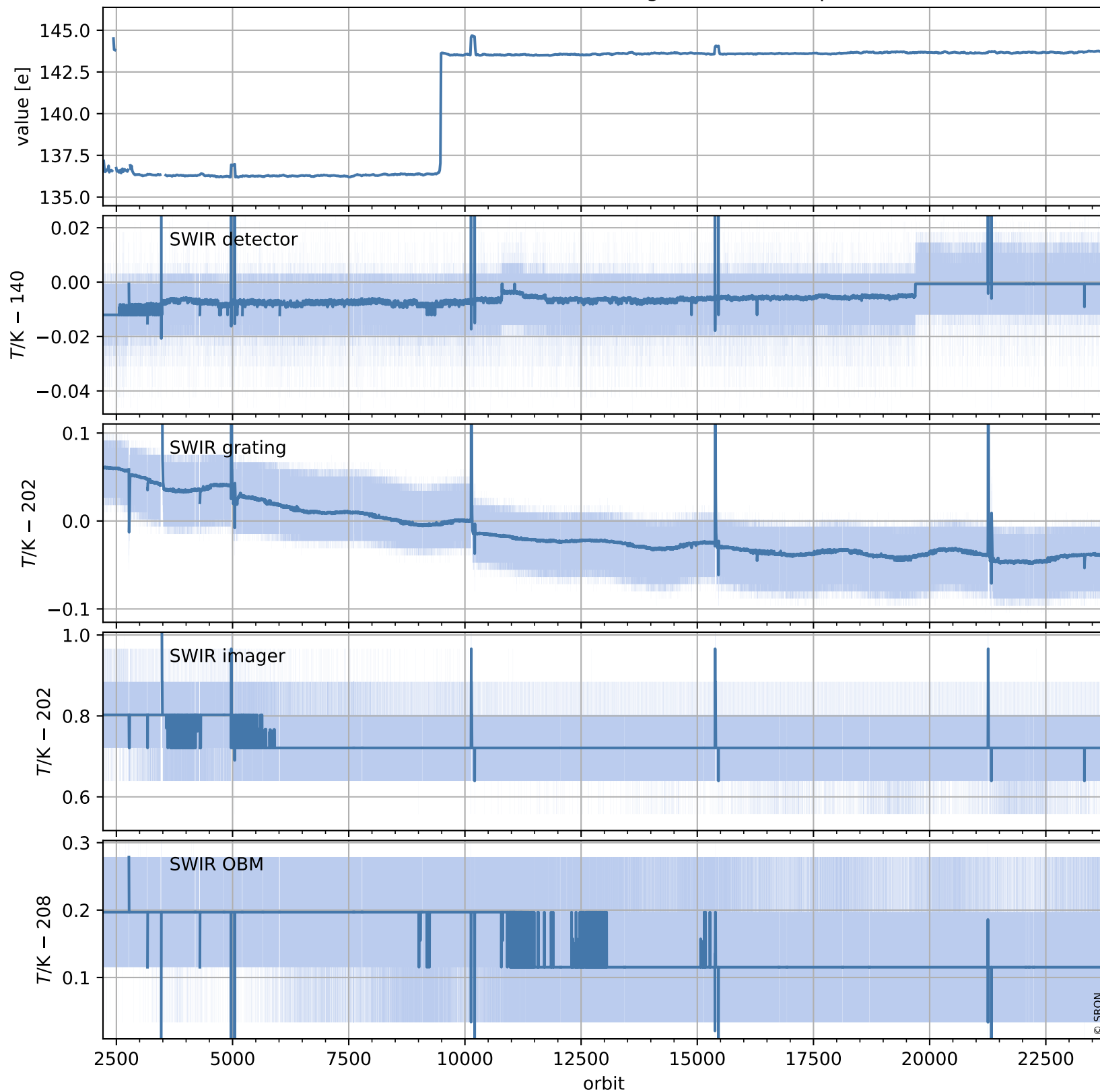
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23767]
coverage : 2018-03-18 / 2022-05-15
created : 2023-08-21T16:32:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23767]
coverage : 2018-03-18 / 2022-05-15
created : 2023-08-21T16:32:29

trend of normalized read-noise & temperatures

