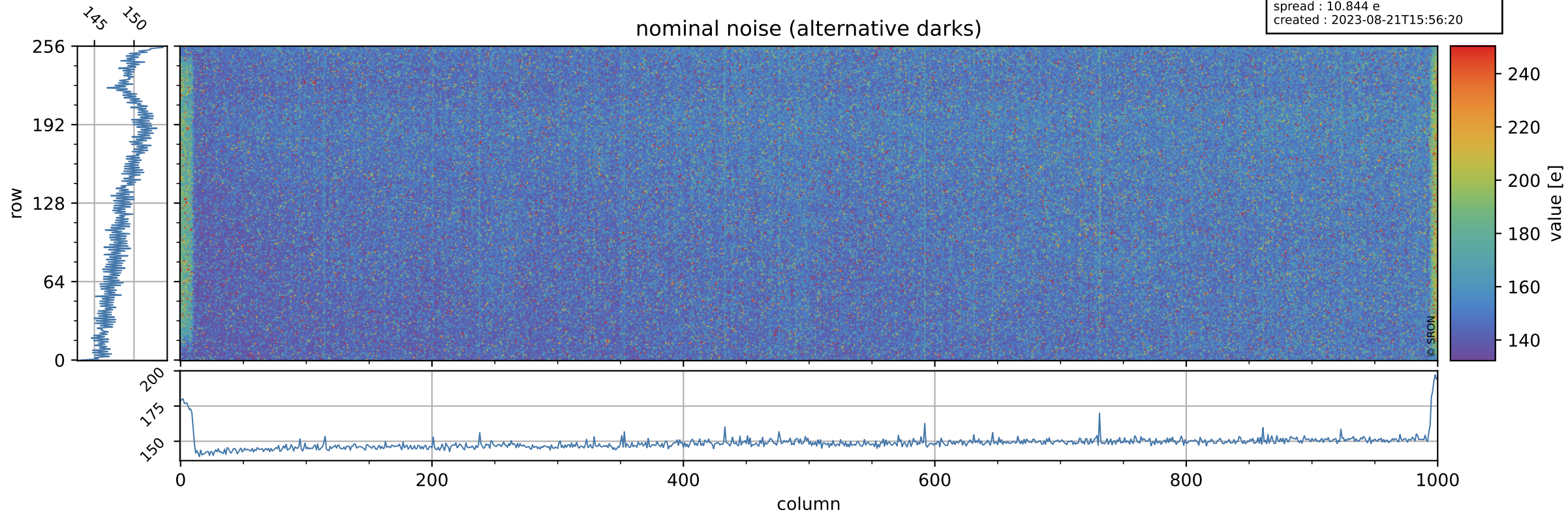


Tropomi SWIR background noise (swir)

orbits : 12 in [17857, 17932]
coverage : 2021-03-24 / 2021-03-29
n_coad, t_exp : 1, 1.0783
median : 148.6 e
spread : 10.844 e
created : 2023-08-21T15:56:20

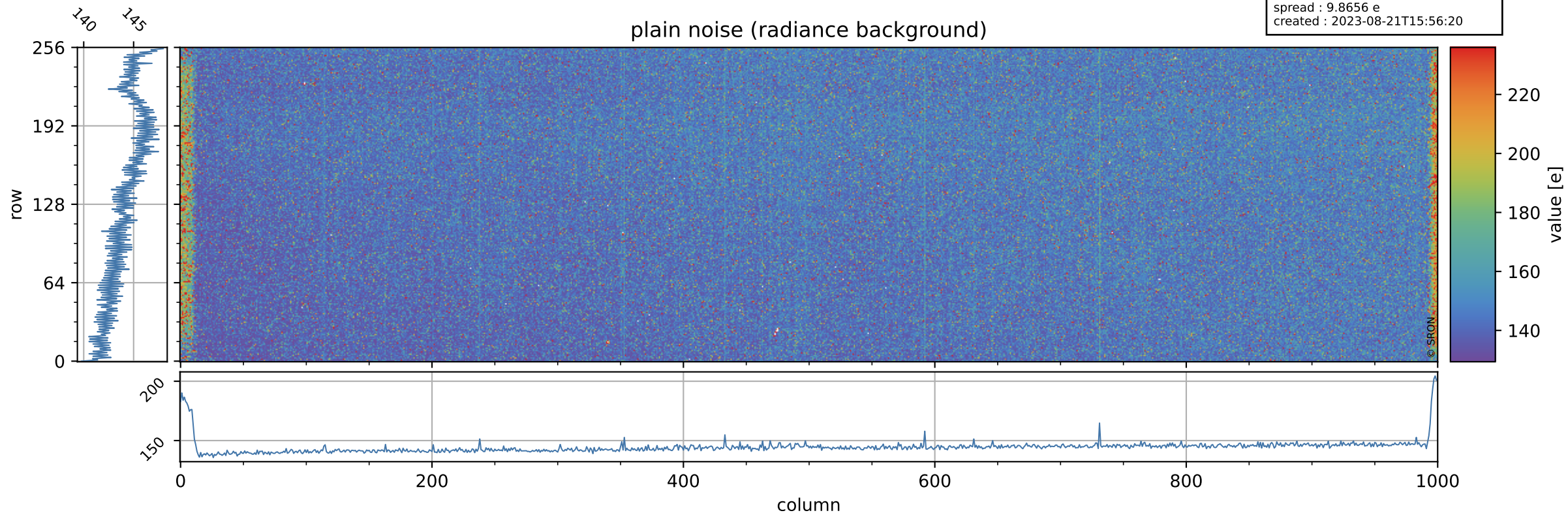
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17857, 17932]
coverage : 2021-03-24 / 2021-03-29
n_coad, t_exp : 1, 0.8383
median : 144.06 e
spread : 9.8656 e
created : 2023-08-21T15:56:20

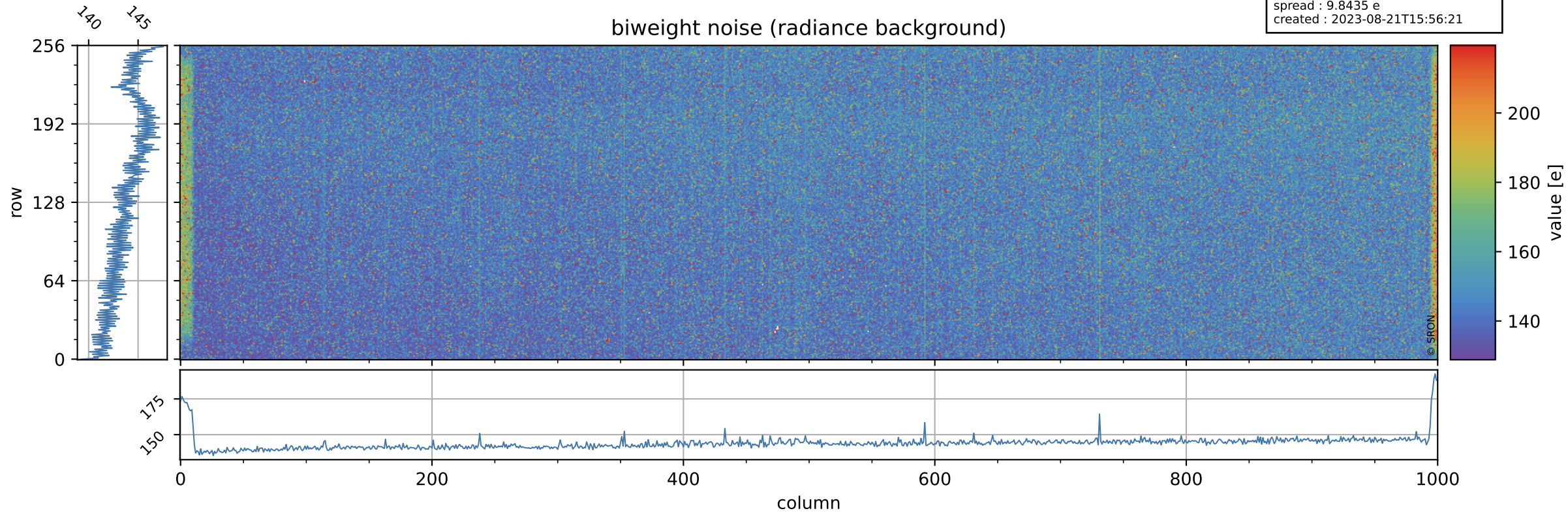
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17857, 17932]
coverage : 2021-03-24 / 2021-03-29
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.8435 e
created : 2023-08-21T15:56:21

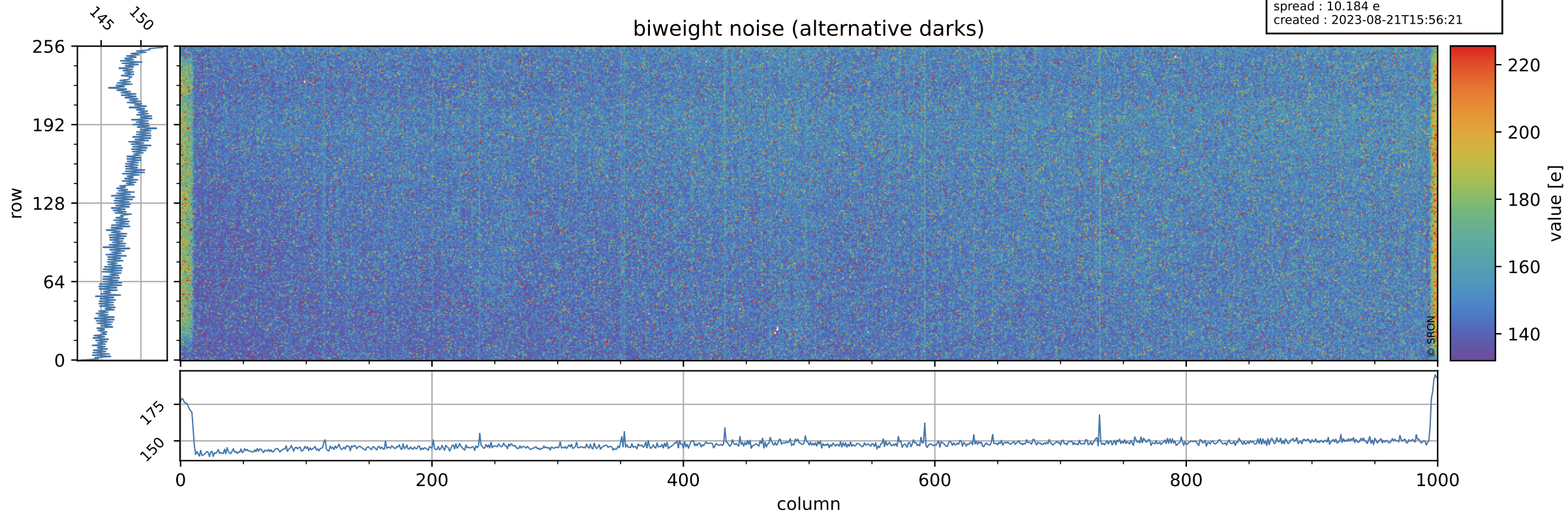
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17857, 17932]
coverage : 2021-03-24 / 2021-03-29
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.184 e
created : 2023-08-21T15:56:21

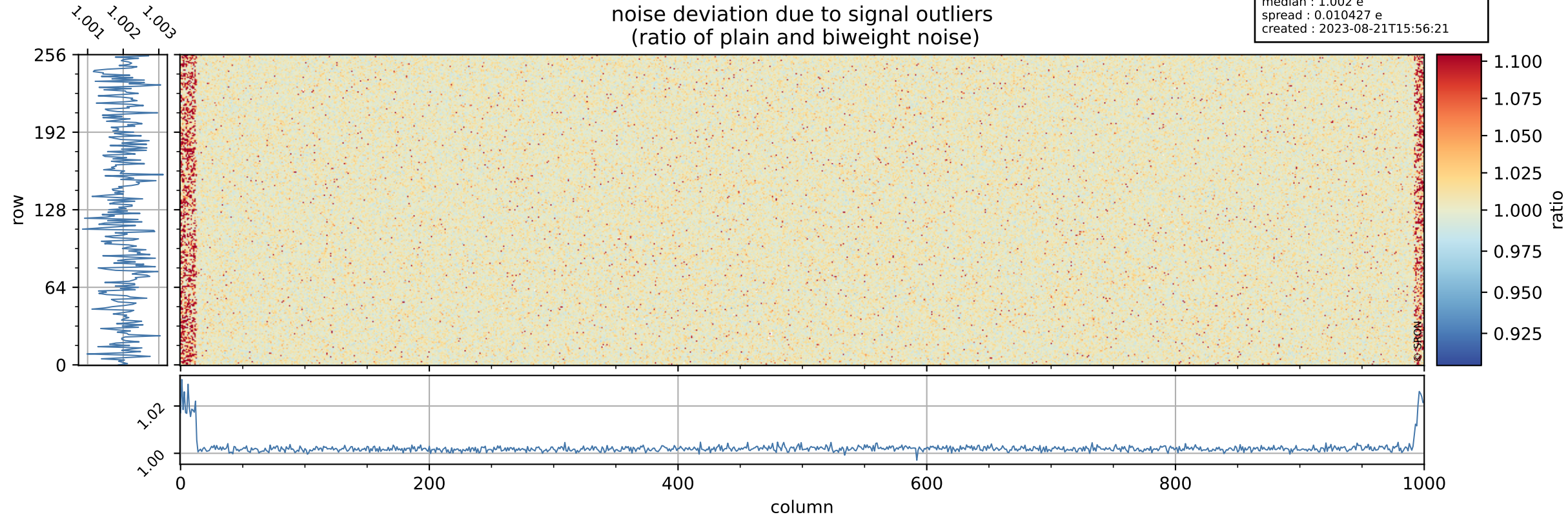
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

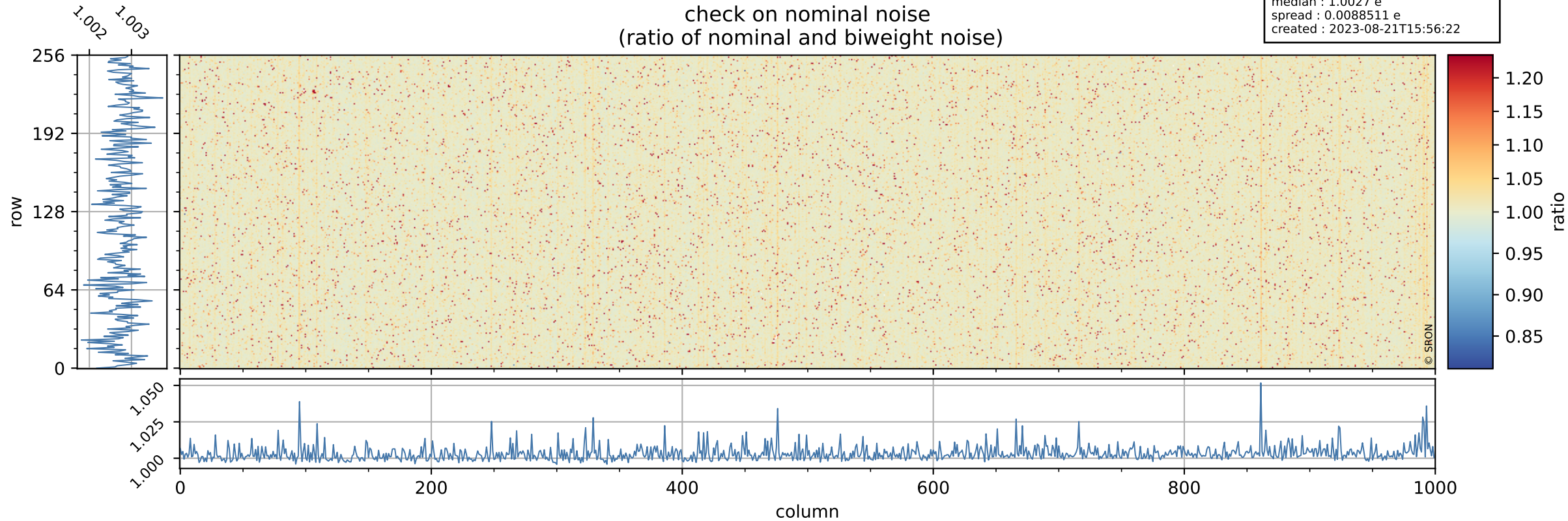
orbits : 12 in [17857, 17932]
coverage : 2021-03-24 / 2021-03-29
median : 1.002 e
spread : 0.010427 e
created : 2023-08-21T15:56:21



Tropomi SWIR background noise (swir)

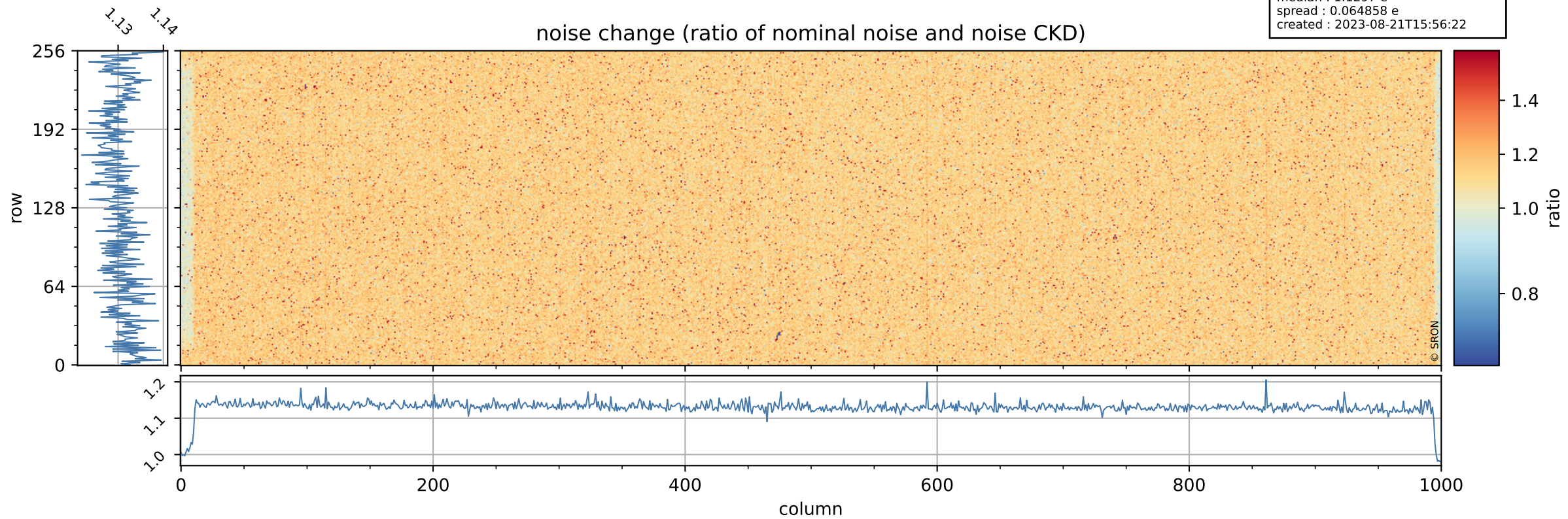
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17857, 17932]
coverage : 2021-03-24 / 2021-03-29
median : 1.0027 e
spread : 0.0088511 e
created : 2023-08-21T15:56:22



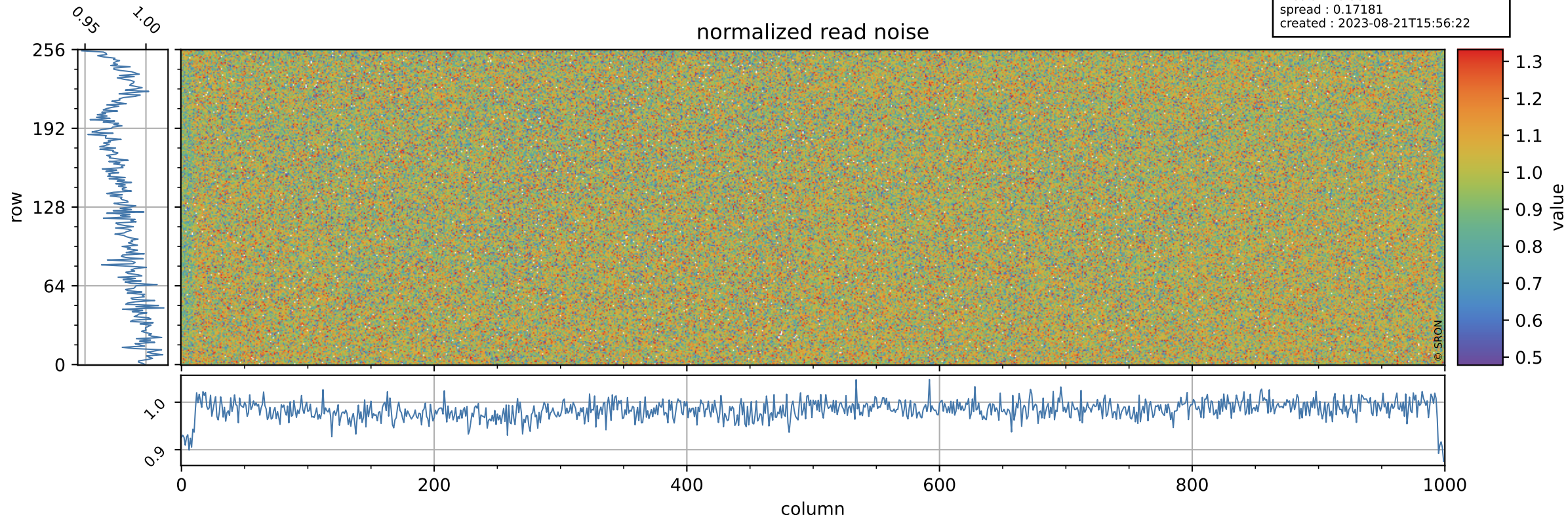
Tropomi SWIR background noise (swir)

orbits : 12 in [17857, 17932]
coverage : 2021-03-24 / 2021-03-29
median : 1.1297 e
spread : 0.064858 e
created : 2023-08-21T15:56:22



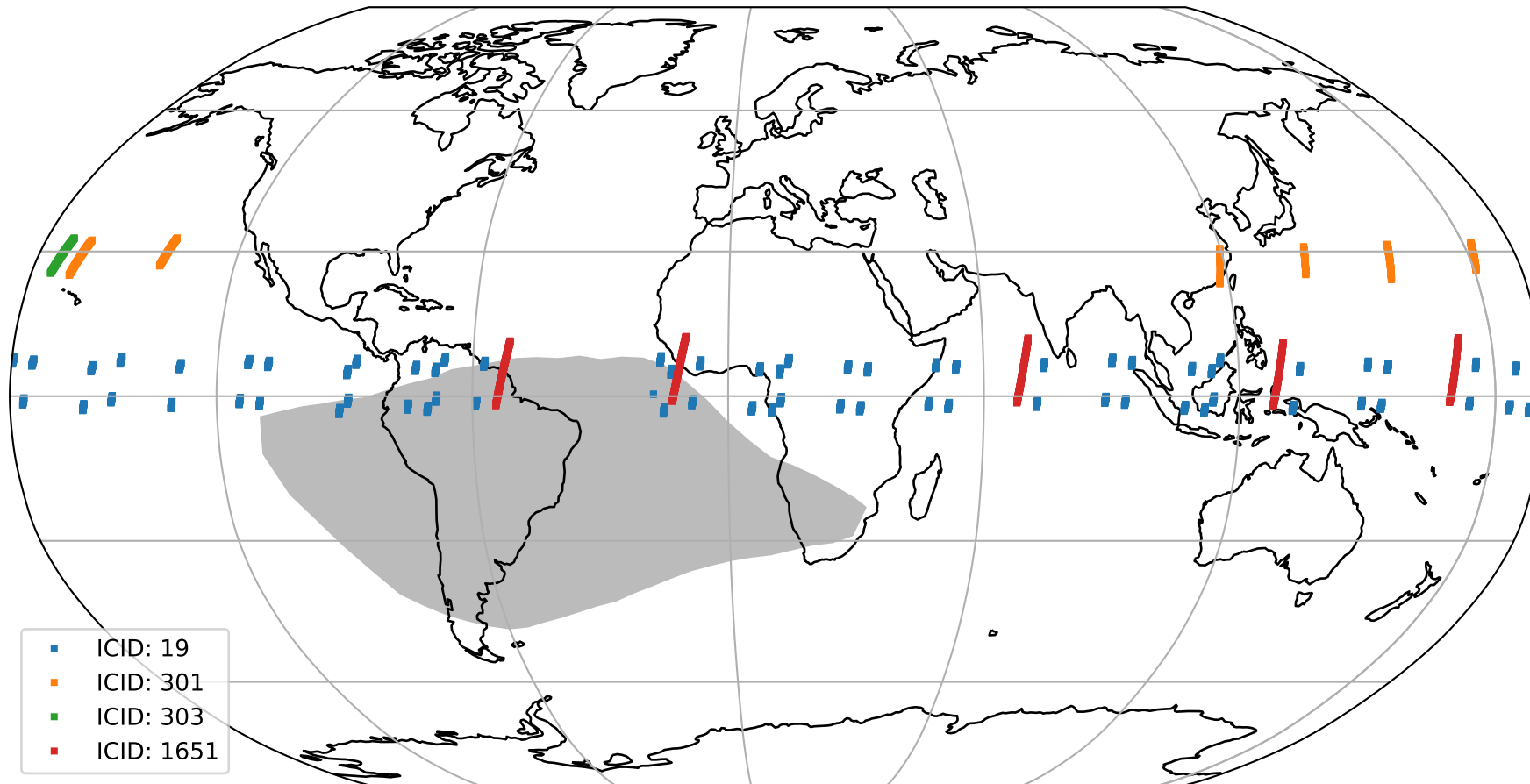
Tropomi SWIR background noise (swir)

orbits : 12 in [17857, 17932]
coverage : 2021-03-24 / 2021-03-29
median : 0.9821
spread : 0.17181
created : 2023-08-21T15:56:22



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

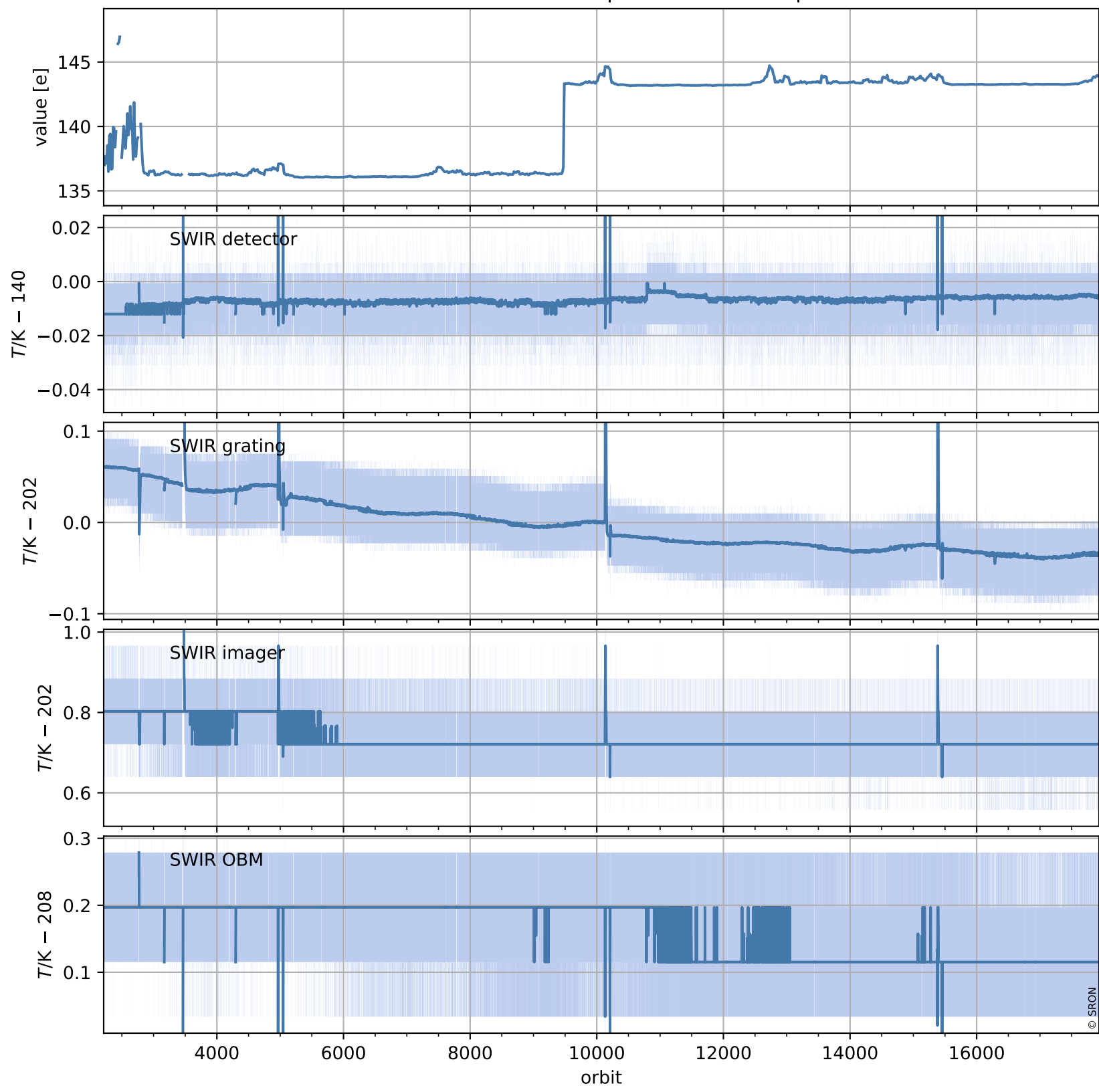
orbits : 12 in [17857, 17932]
coverage : 2021-03-24 / 2021-03-29
created : 2023-08-21T15:56:22



Tropomi SWIR background noise (swir)

orbits : [2212, 17932]
coverage : 2018-03-18 / 2021-03-29
created : 2023-08-21T15:56:23

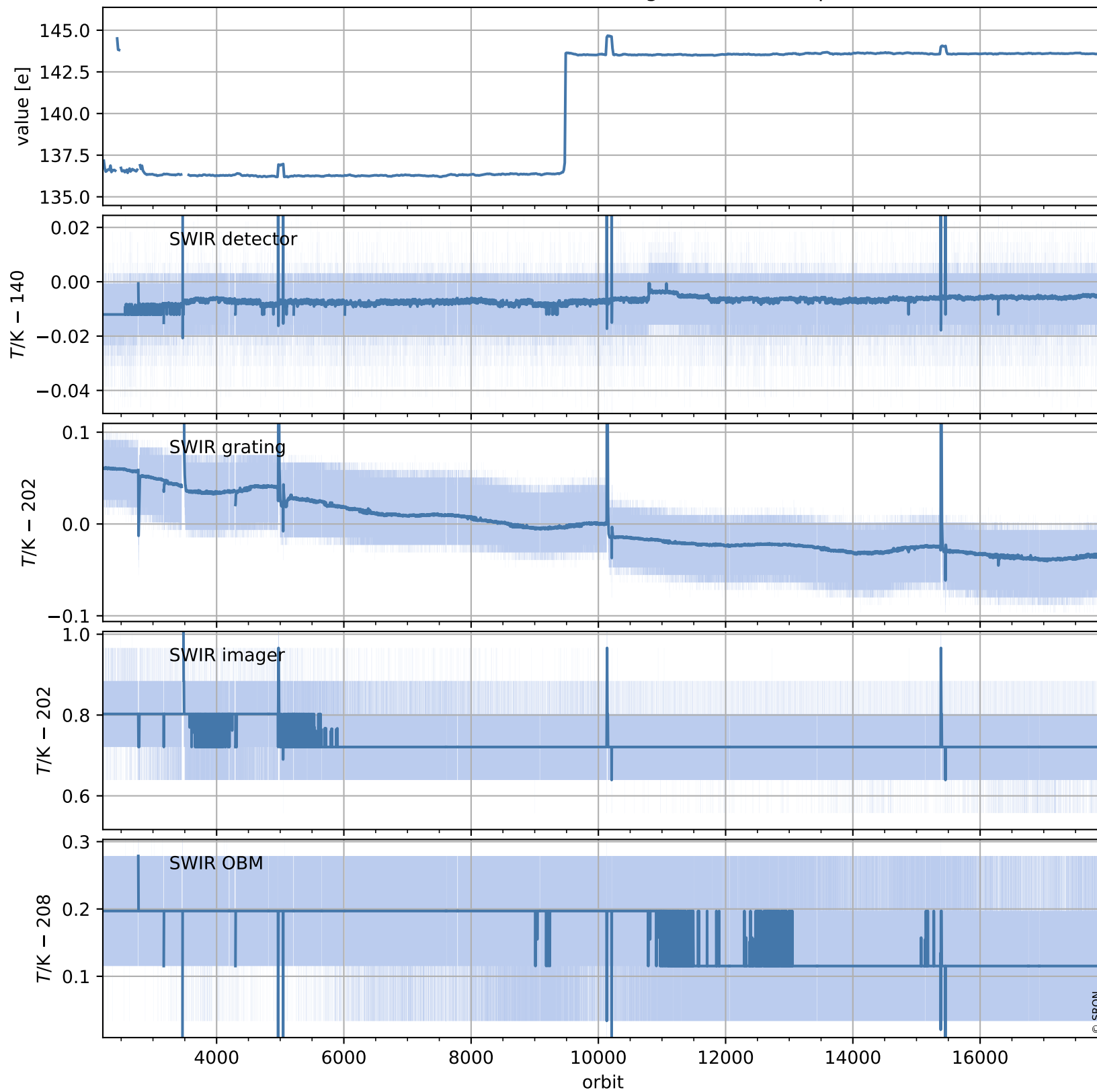
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17932]
coverage : 2018-03-18 / 2021-03-29
created : 2023-08-21T15:56:23

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17932]
coverage : 2018-03-18 / 2021-03-29
created : 2023-08-21T15:56:24

trend of normalized read-noise & temperatures

