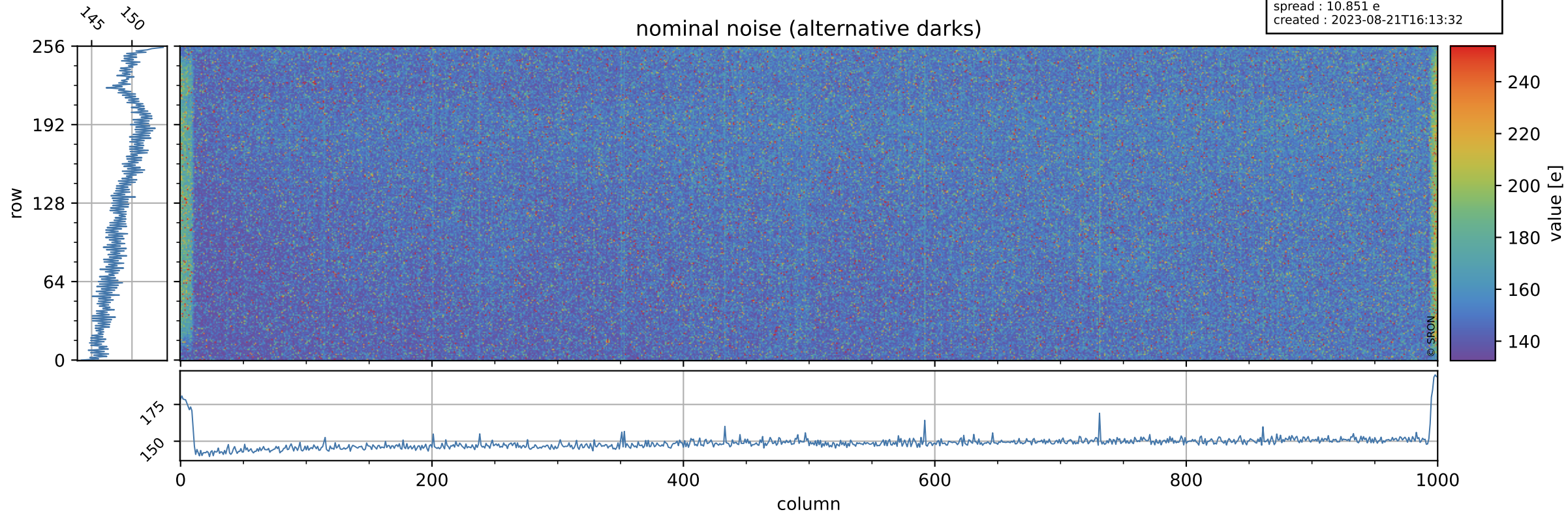


Tropomi SWIR background noise (swir)

orbits : 12 in [20692, 20782]
coverage : 2021-10-11 / 2021-10-16
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.851 e
created : 2023-08-21T16:13:32

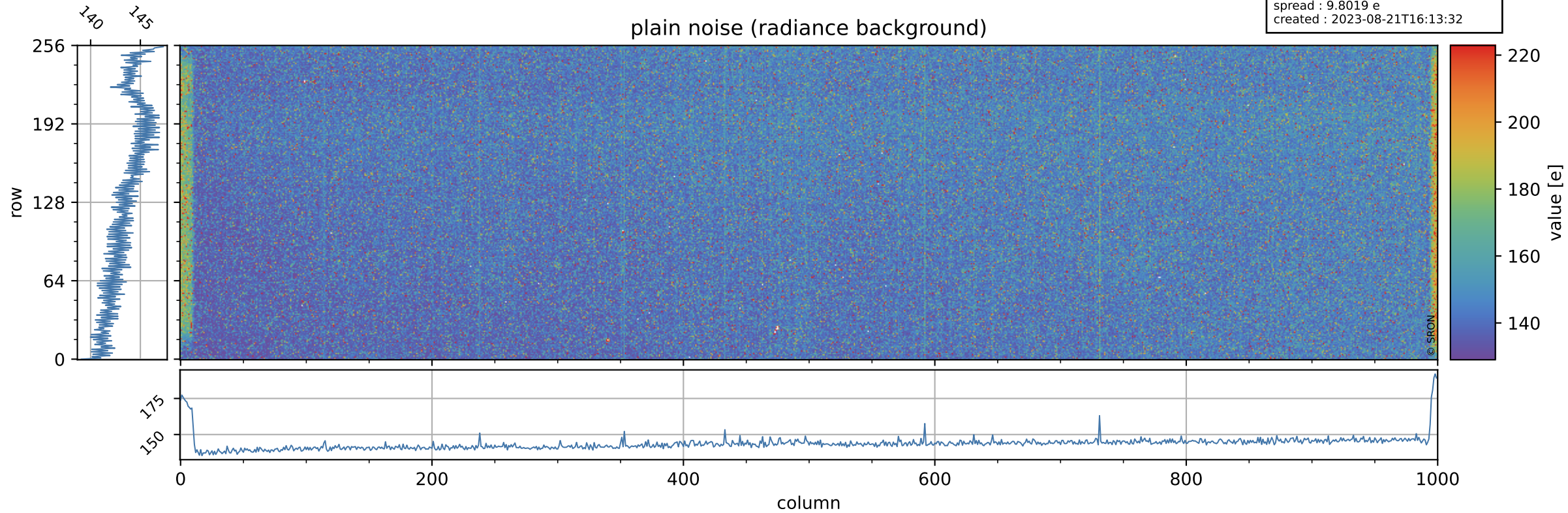
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20692, 20782]
coverage : 2021-10-11 / 2021-10-16
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8019 e
created : 2023-08-21T16:13:32

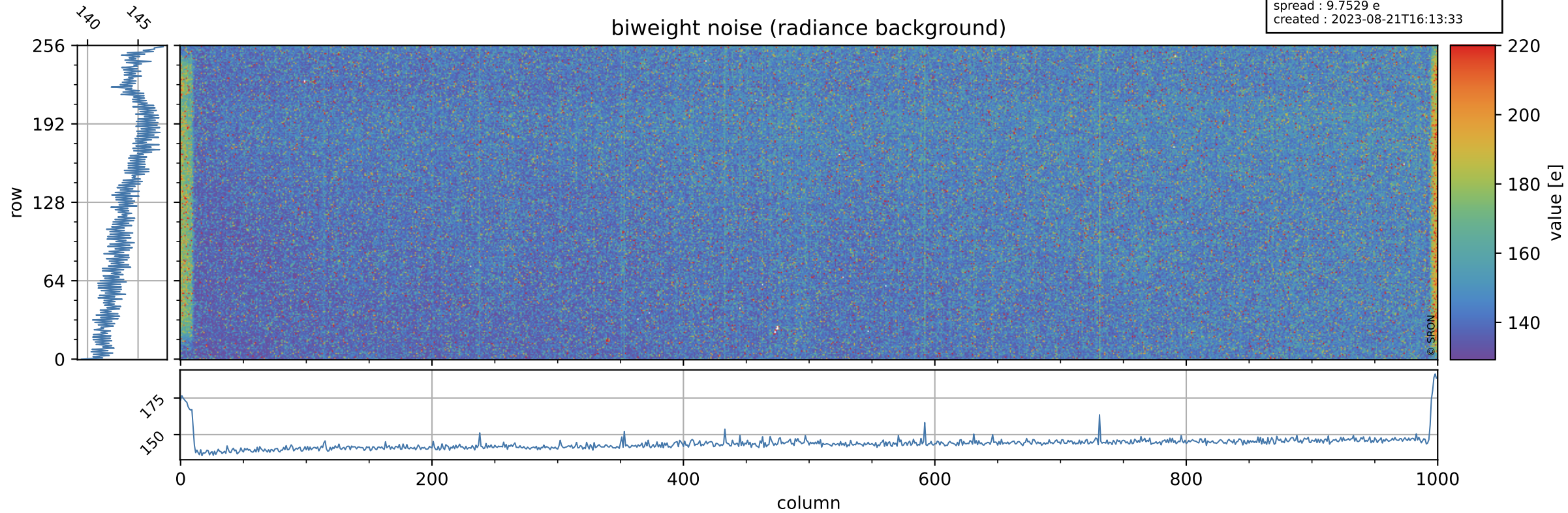
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20692, 20782]
coverage : 2021-10-11 / 2021-10-16
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.7529 e
created : 2023-08-21T16:13:33

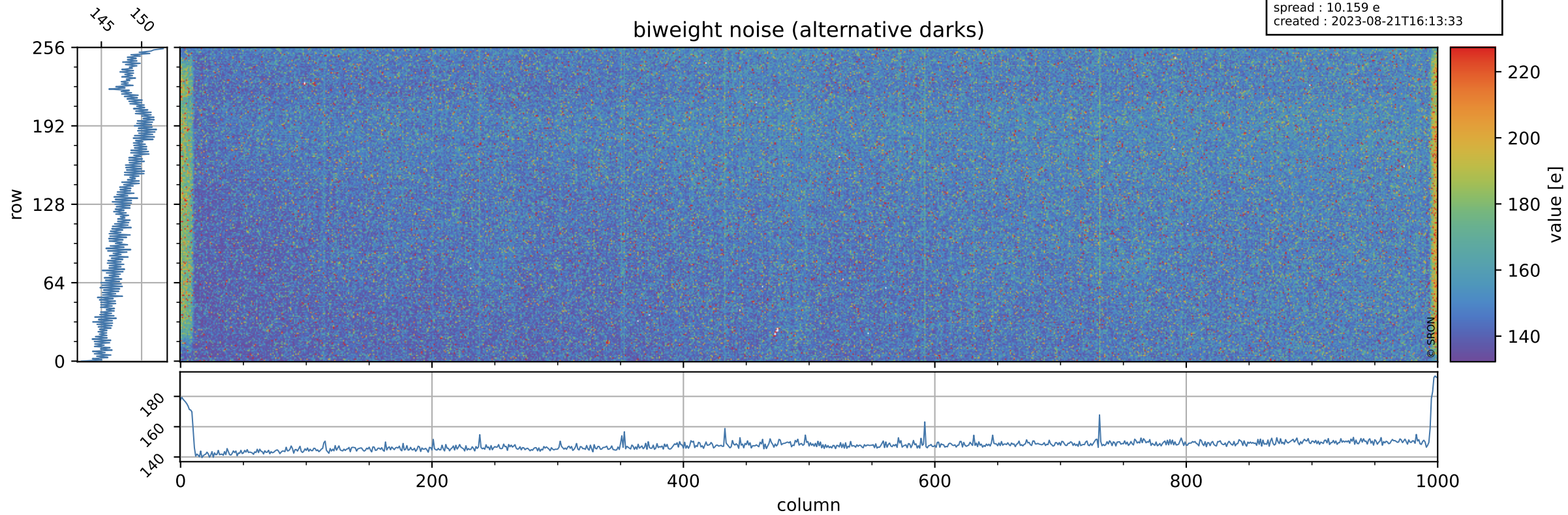
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20692, 20782]
coverage : 2021-10-11 / 2021-10-16
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.159 e
created : 2023-08-21T16:13:33

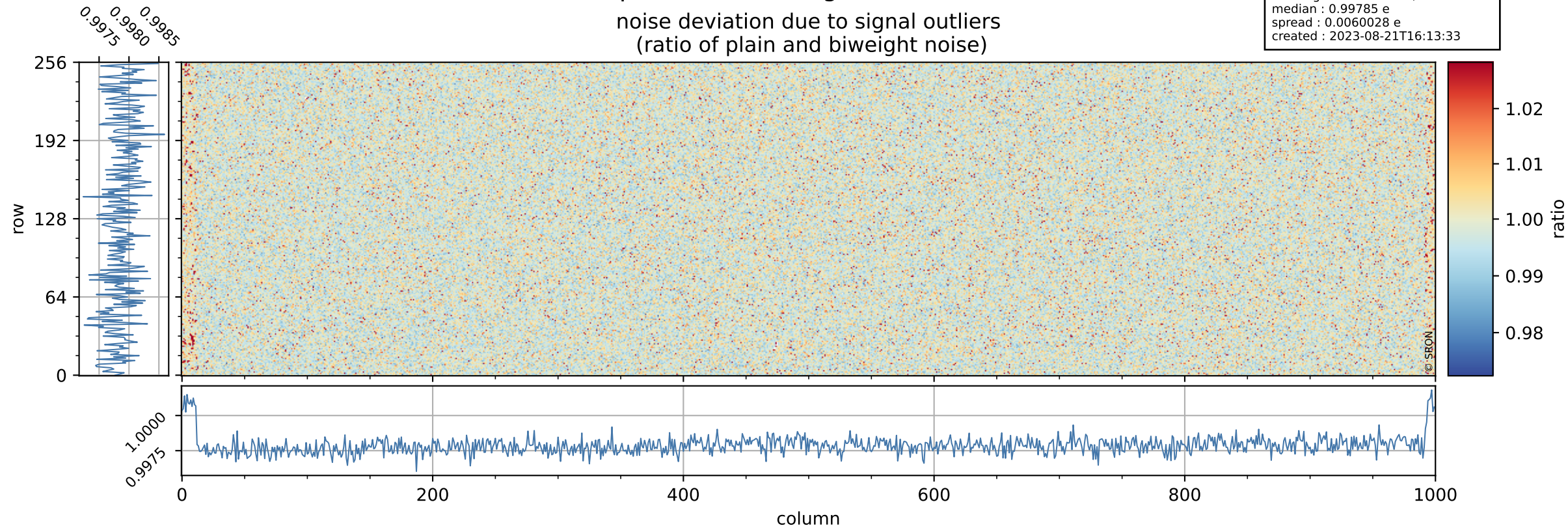
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

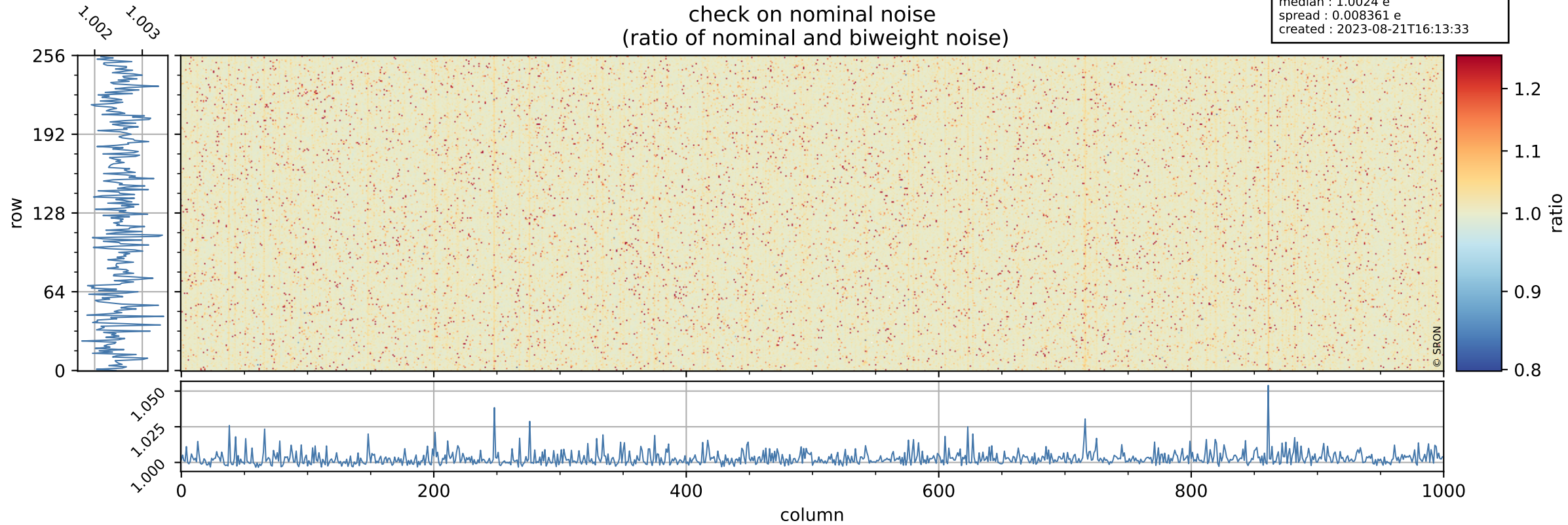
orbits : 12 in [20692, 20782]
coverage : 2021-10-11 / 2021-10-16
median : 0.99785 e
spread : 0.0060028 e
created : 2023-08-21T16:13:33



Tropomi SWIR background noise (swir)

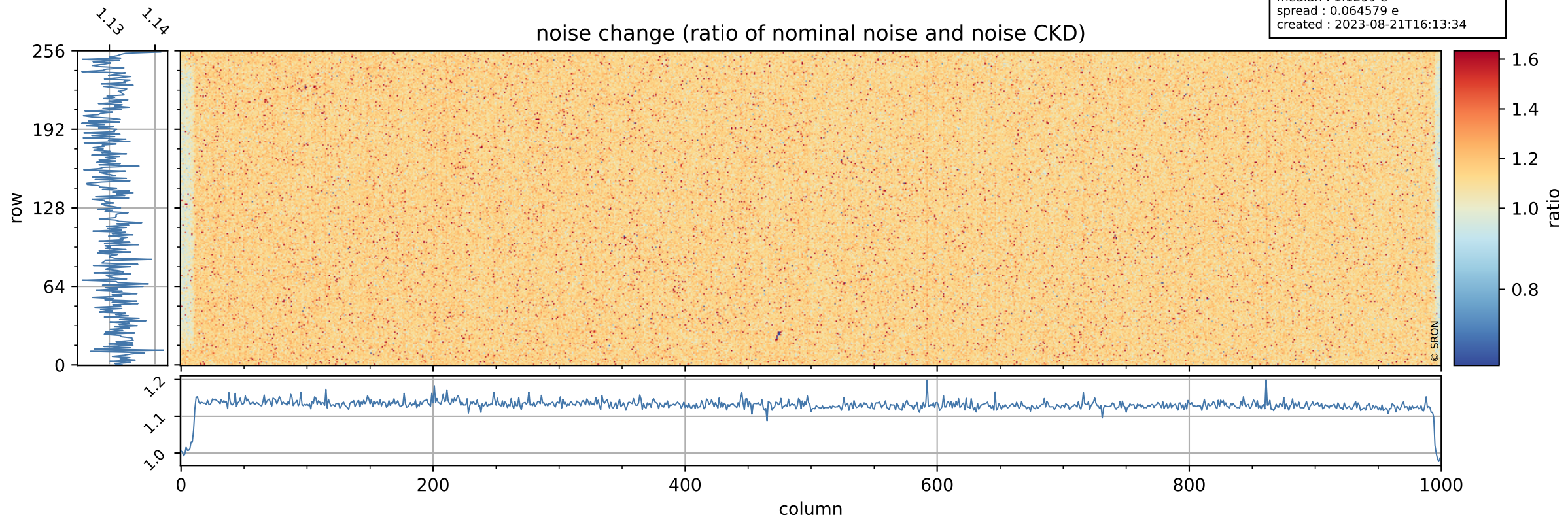
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20692, 20782]
coverage : 2021-10-11 / 2021-10-16
median : 1.0024 e
spread : 0.008361 e
created : 2023-08-21T16:13:33



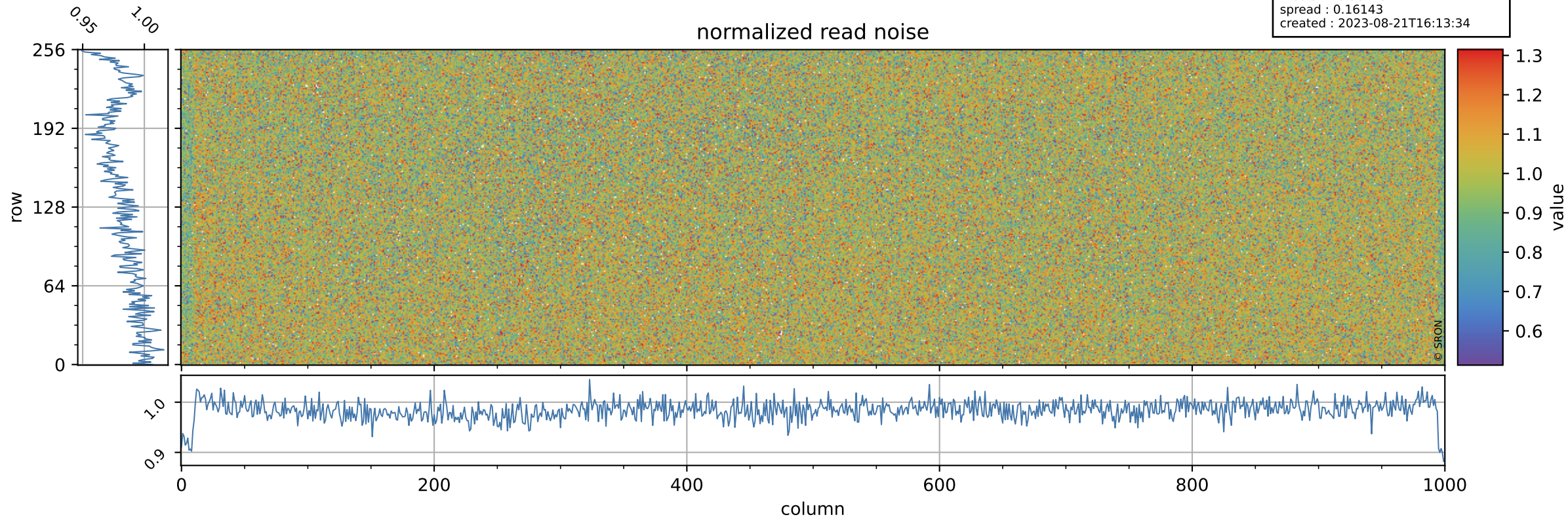
Tropomi SWIR background noise (swir)

orbits : 12 in [20692, 20782]
coverage : 2021-10-11 / 2021-10-16
median : 1.1299 e
spread : 0.064579 e
created : 2023-08-21T16:13:34



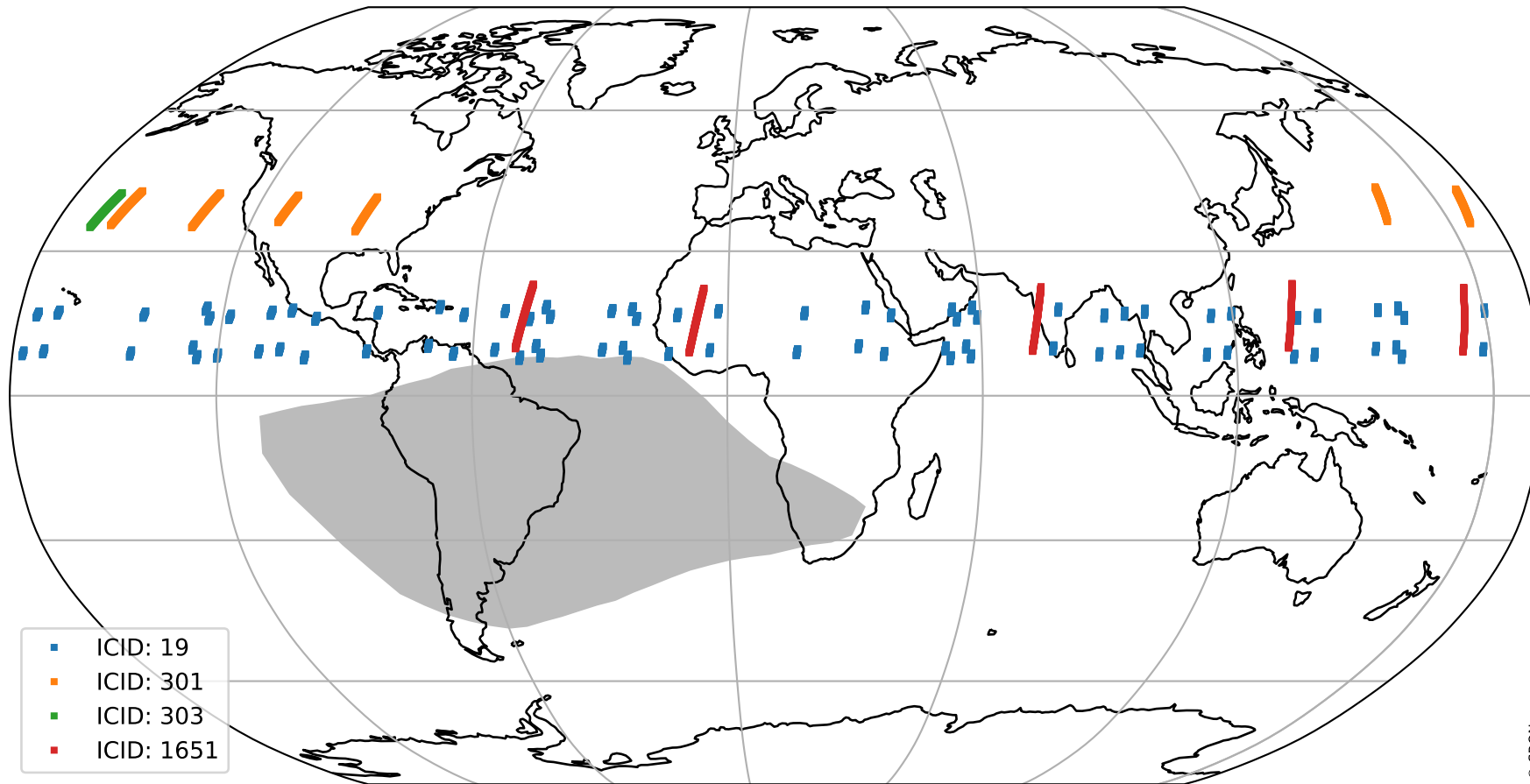
Tropomi SWIR background noise (swir)

orbits : 12 in [20692, 20782]
coverage : 2021-10-11 / 2021-10-16
median : 0.98249
spread : 0.16143
created : 2023-08-21T16:13:34



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

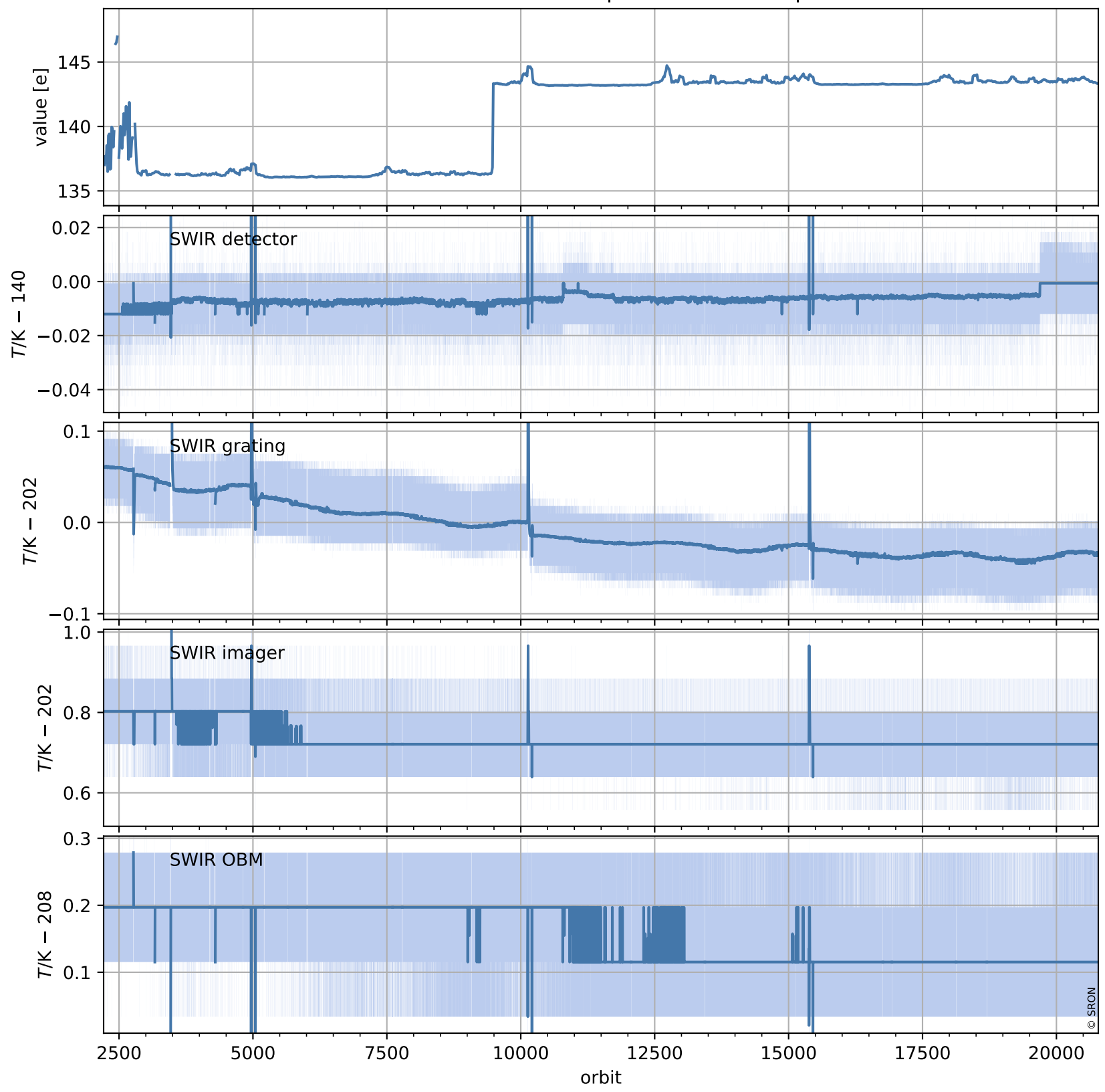
orbits : 12 in [20692, 20782]
coverage : 2021-10-11 / 2021-10-16
created : 2023-08-21T16:13:34



Tropomi SWIR background noise (swir)

orbits : [2212, 20782]
coverage : 2018-03-18 / 2021-10-16
created : 2023-08-21T16:13:35

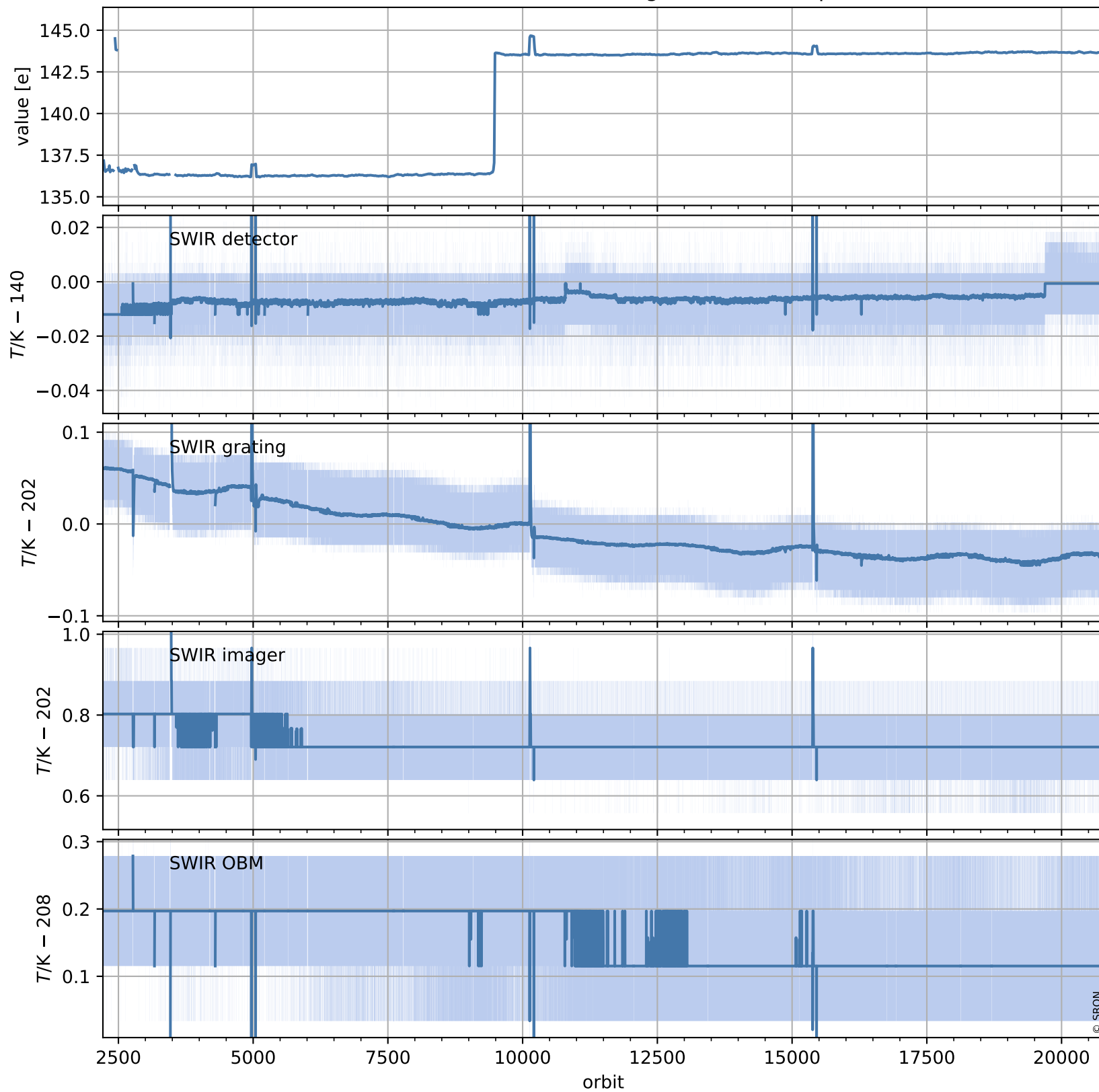
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20782]
coverage : 2018-03-18 / 2021-10-16
created : 2023-08-21T16:13:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20782]
coverage : 2018-03-18 / 2021-10-16
created : 2023-08-21T16:13:36

trend of normalized read-noise & temperatures

