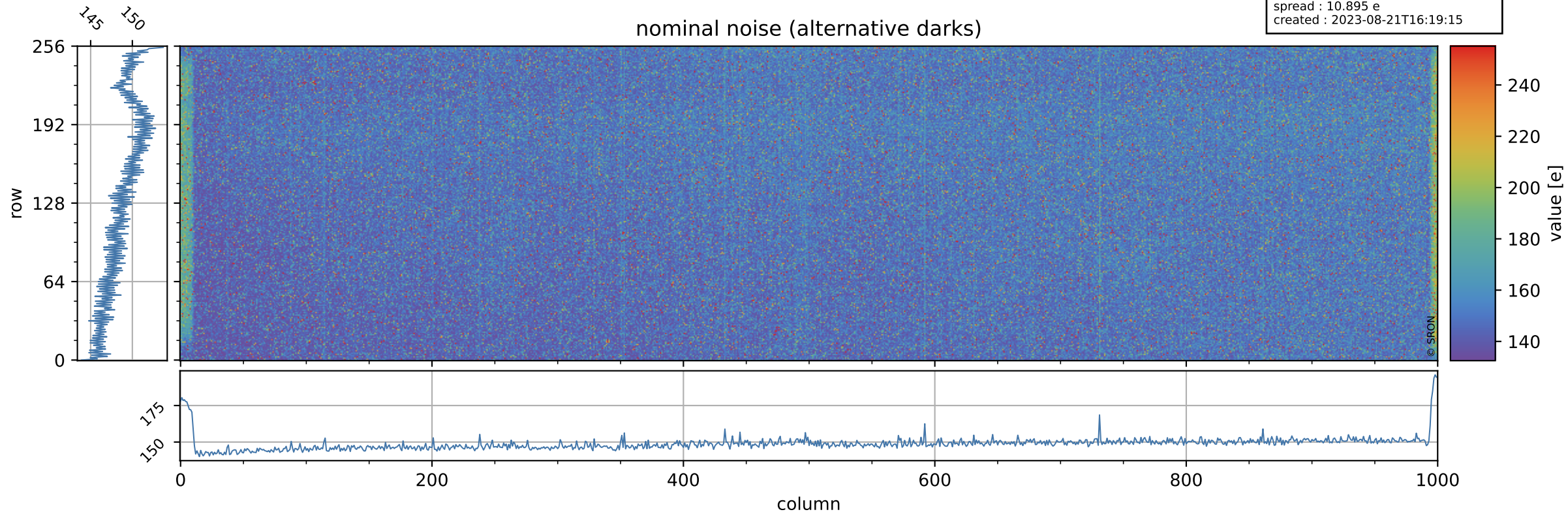


Tropomi SWIR background noise (swir)

orbits : 12 in [21622, 21697]
coverage : 2021-12-14 / 2021-12-20
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.895 e
created : 2023-08-21T16:19:15

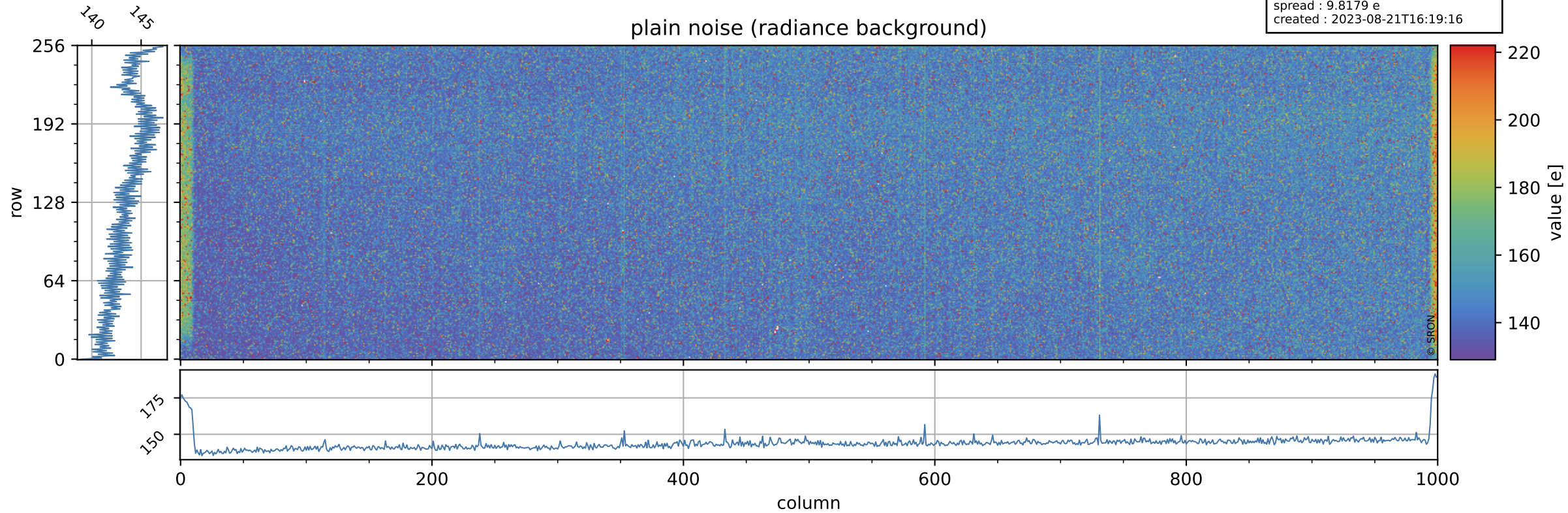
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21622, 21697]
coverage : 2021-12-14 / 2021-12-20
n_coad, t_exp : 1, 0.8383
median : 143.47 e
spread : 9.8179 e
created : 2023-08-21T16:19:16

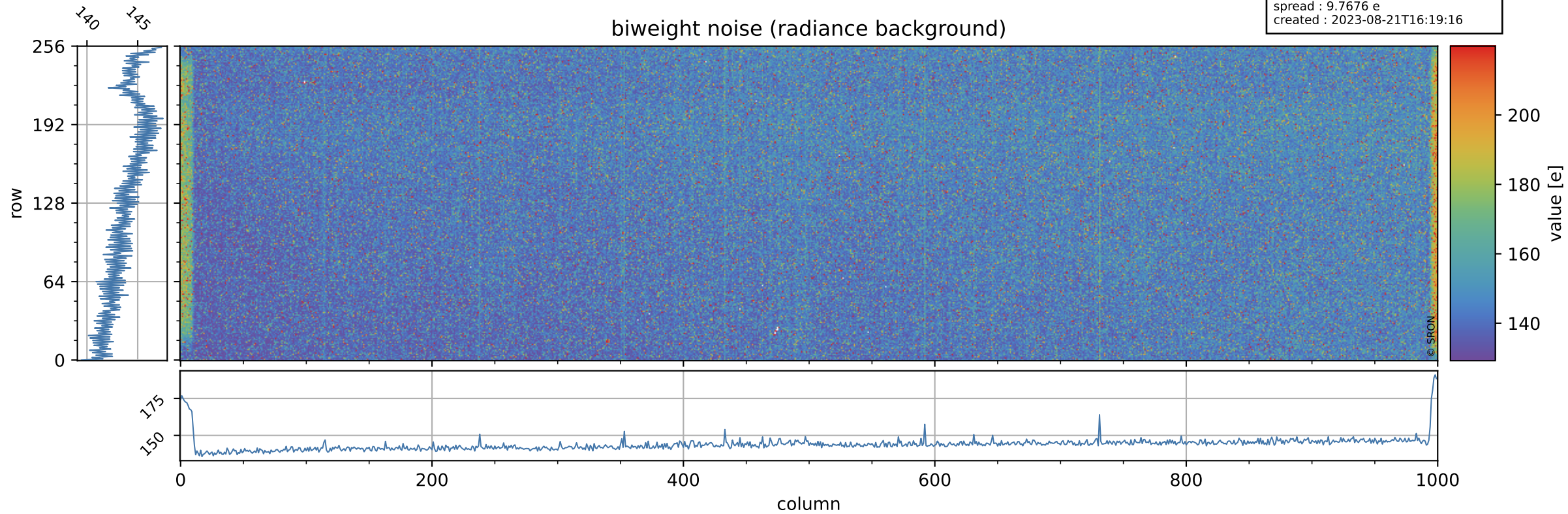
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21622, 21697]
coverage : 2021-12-14 / 2021-12-20
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.7676 e
created : 2023-08-21T16:19:16

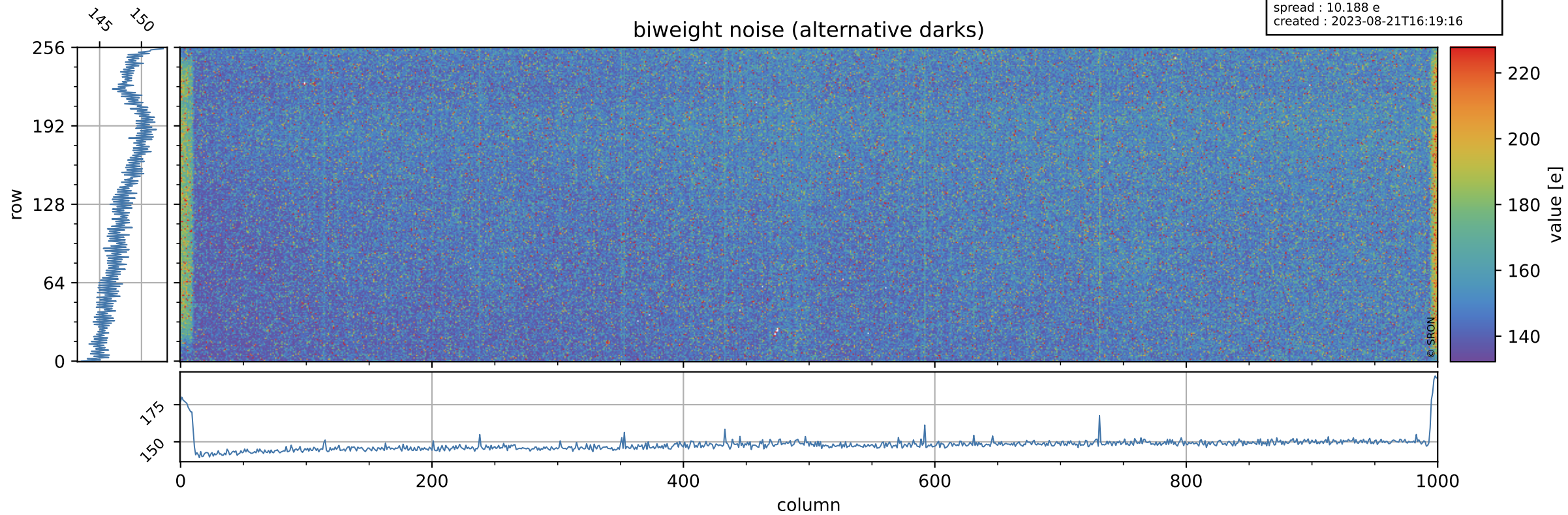
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21622, 21697]
coverage : 2021-12-14 / 2021-12-20
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.188 e
created : 2023-08-21T16:19:16

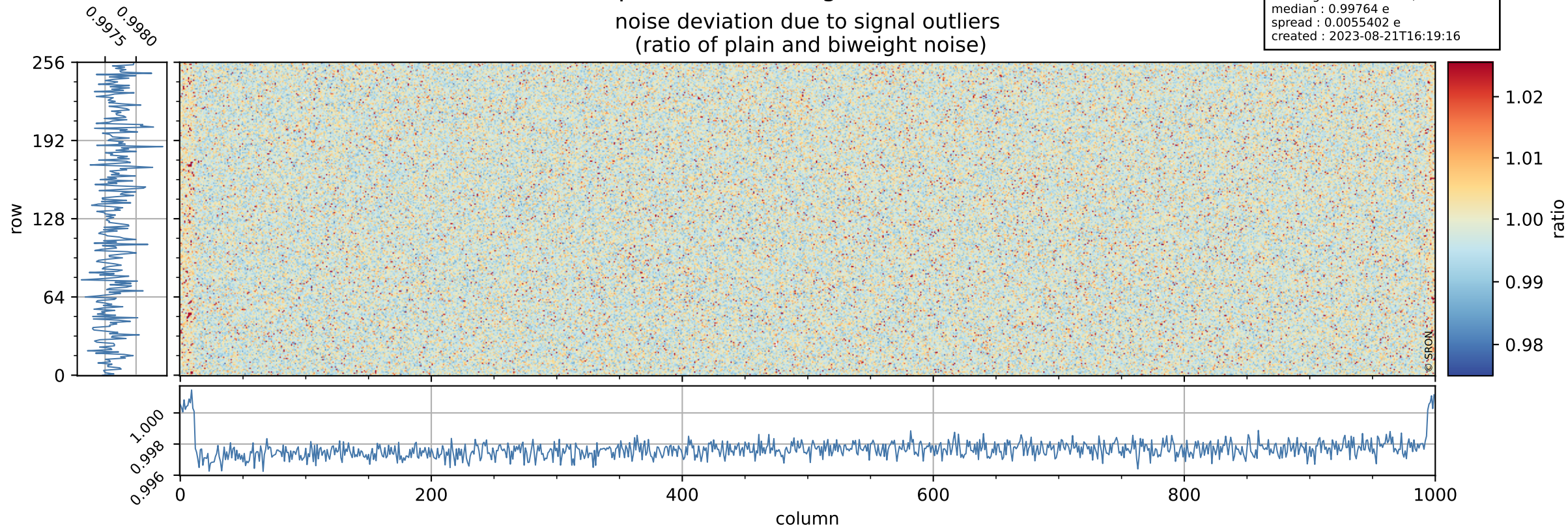
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

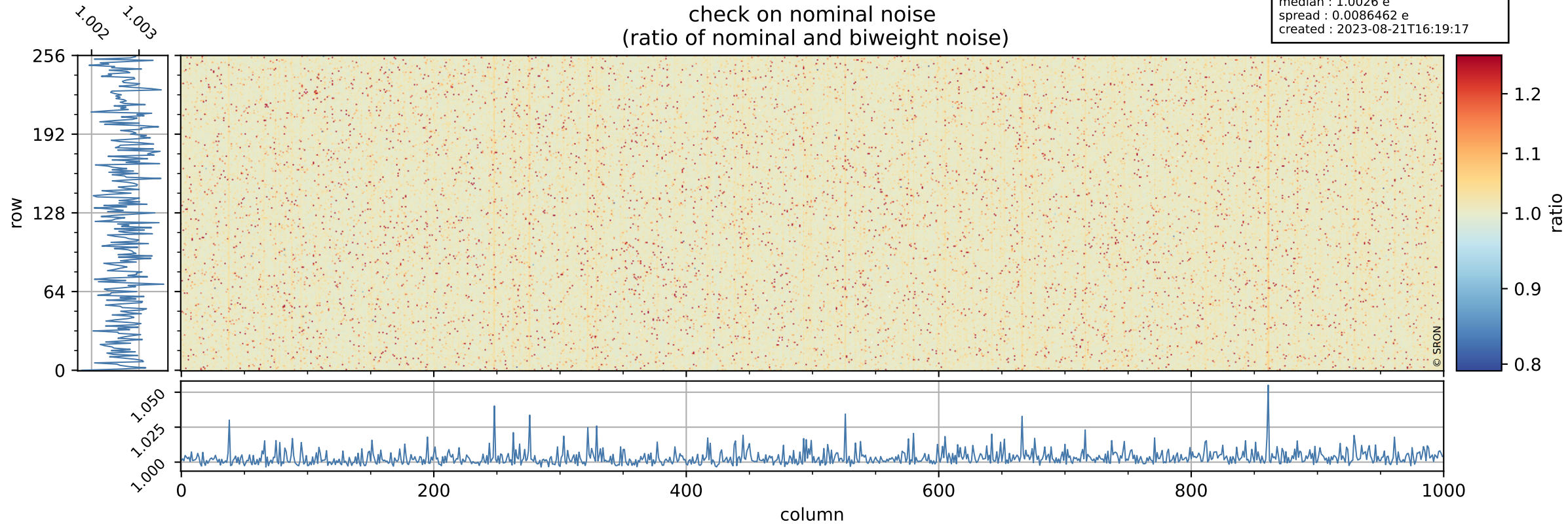
orbits : 12 in [21622, 21697]
coverage : 2021-12-14 / 2021-12-20
median : 0.99764 e
spread : 0.0055402 e
created : 2023-08-21T16:19:16



Tropomi SWIR background noise (swir)

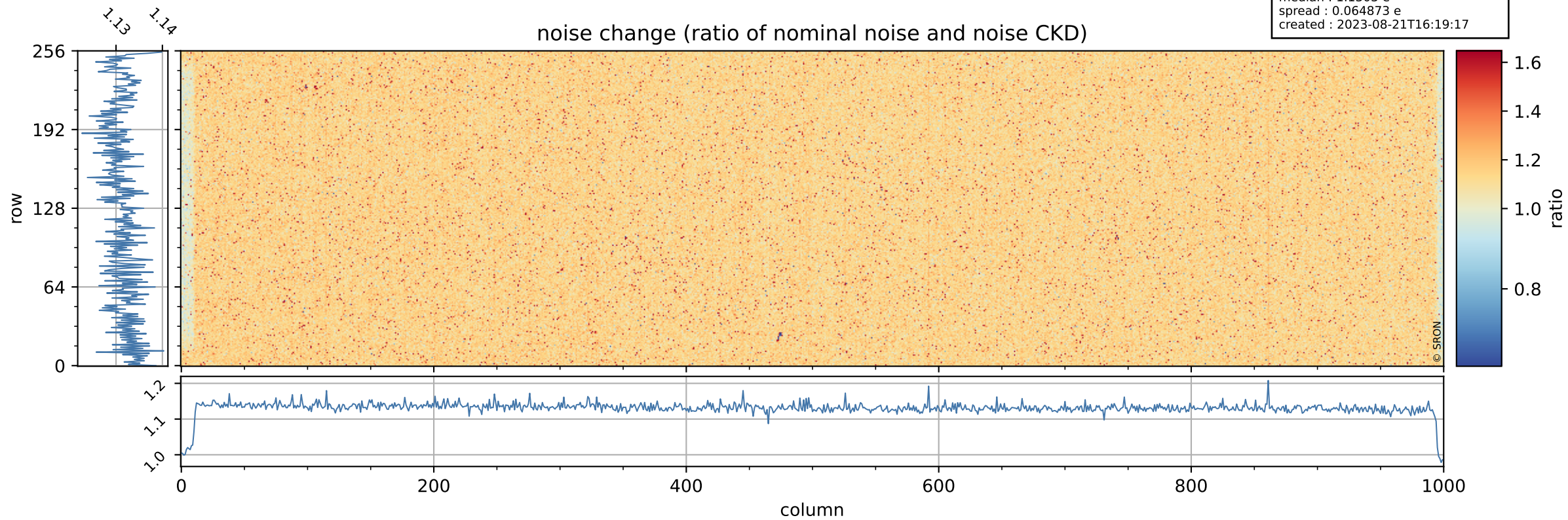
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21622, 21697]
coverage : 2021-12-14 / 2021-12-20
median : 1.0026 e
spread : 0.0086462 e
created : 2023-08-21T16:19:17



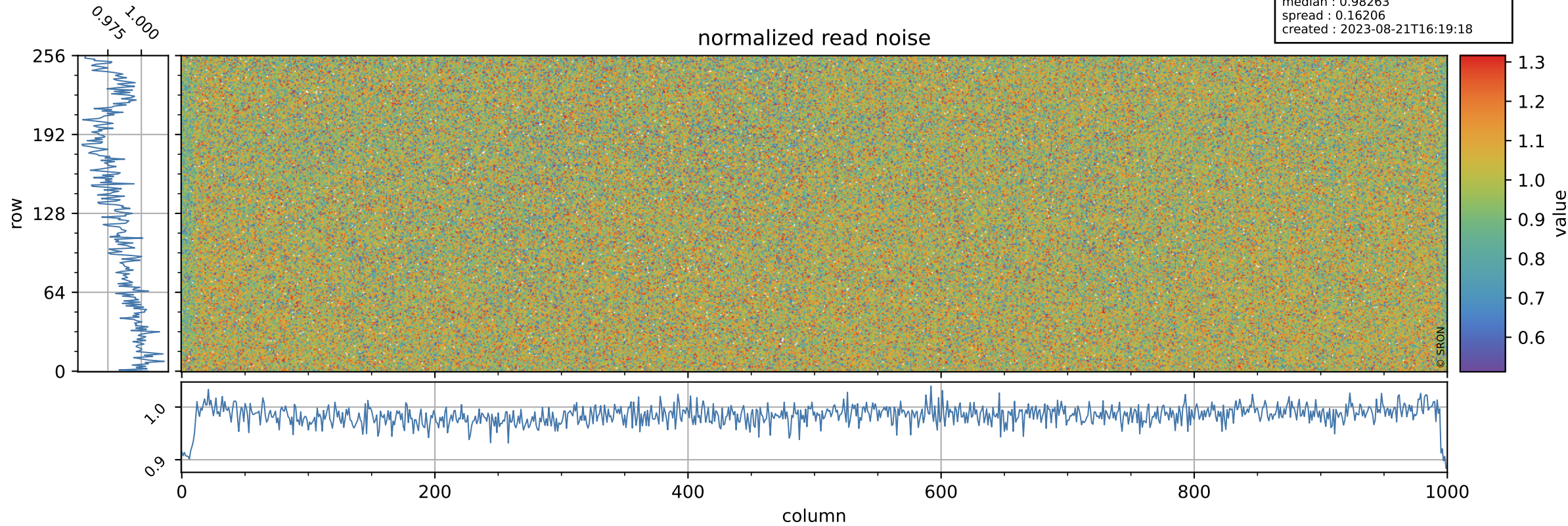
Tropomi SWIR background noise (swir)

orbits : 12 in [21622, 21697]
coverage : 2021-12-14 / 2021-12-20
median : 1.1303 e
spread : 0.064873 e
created : 2023-08-21T16:19:17



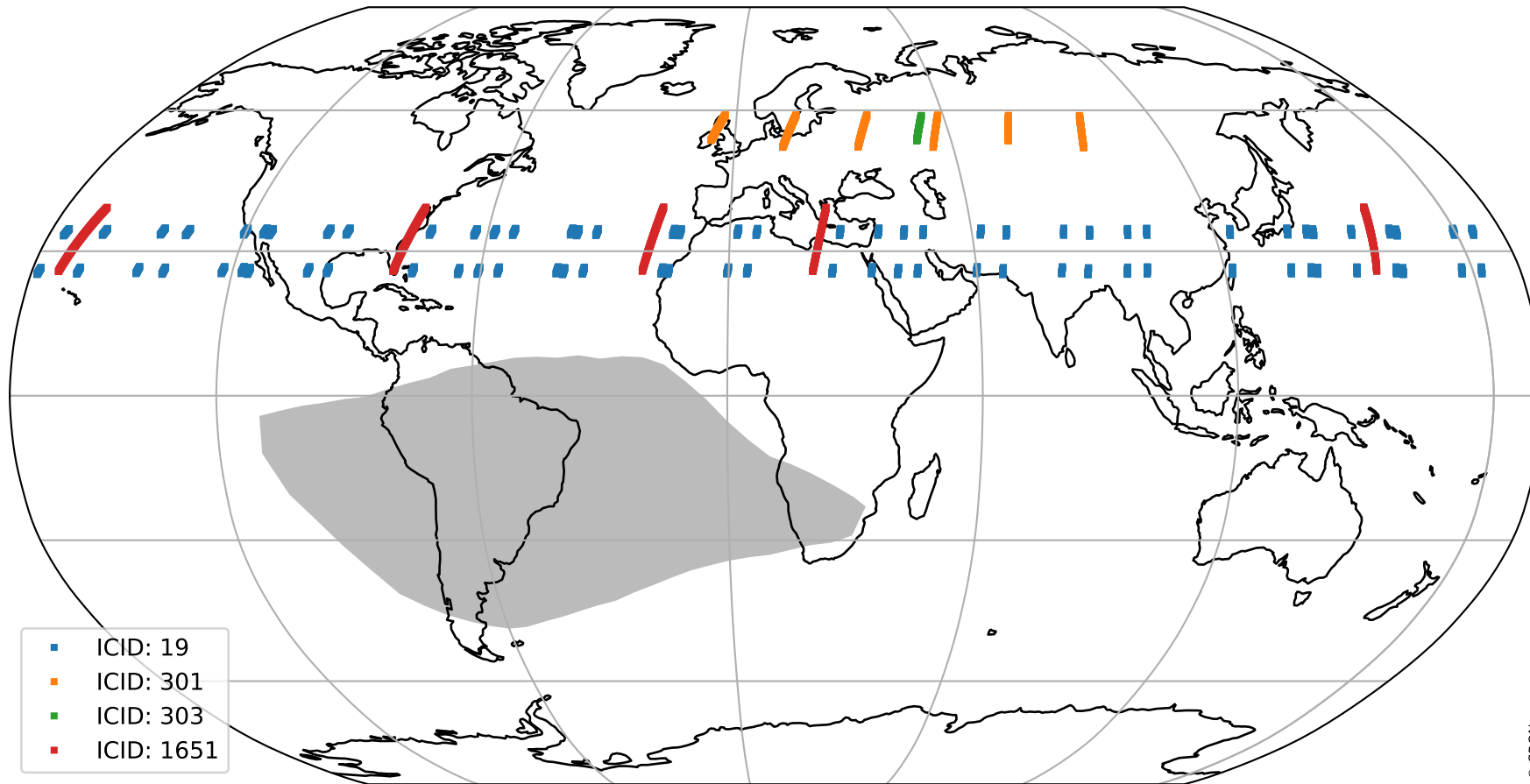
Tropomi SWIR background noise (swir)

orbits : 12 in [21622, 21697]
coverage : 2021-12-14 / 2021-12-20
median : 0.98263
spread : 0.16206
created : 2023-08-21T16:19:18



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

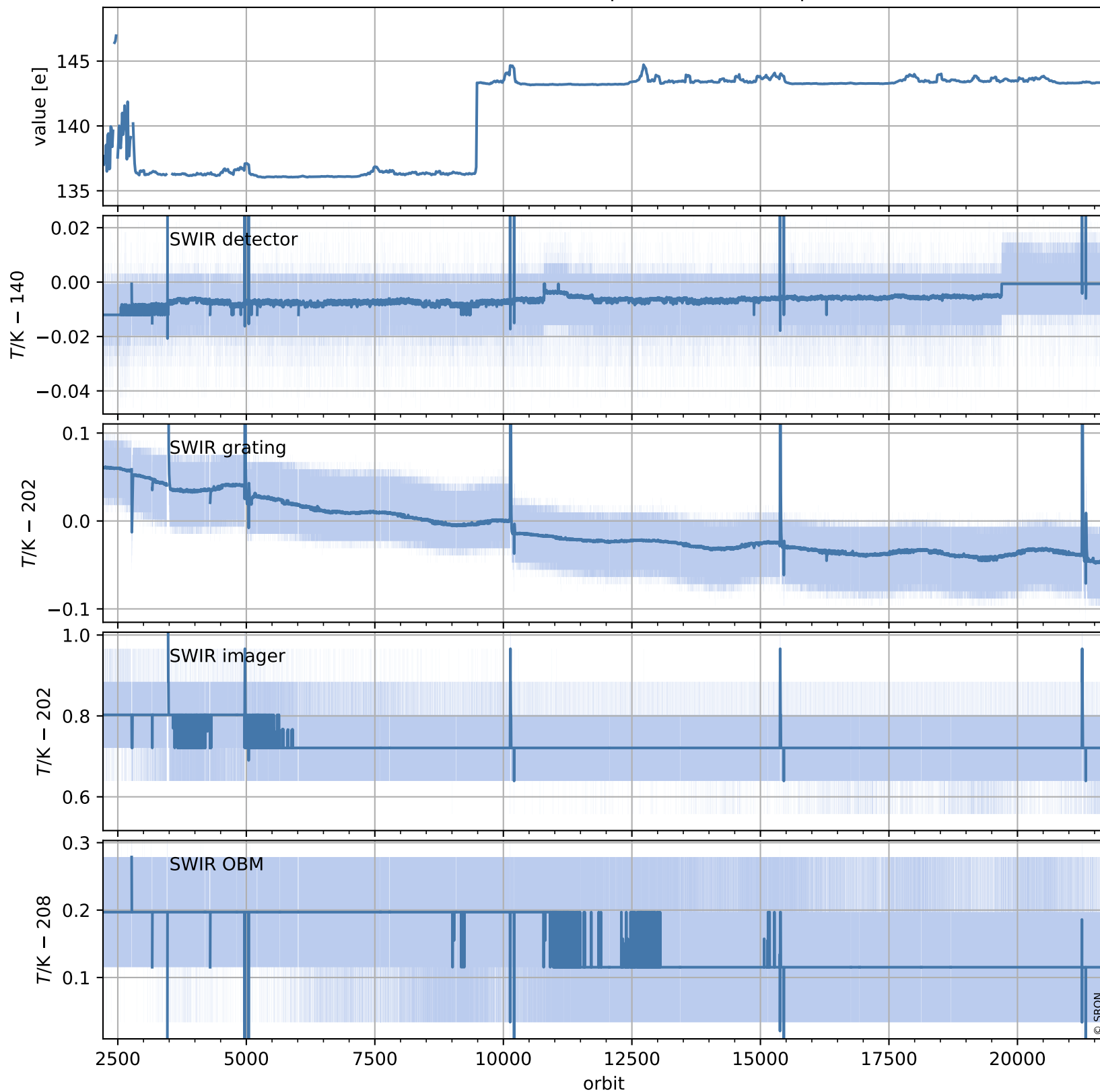
orbits : 12 in [21622, 21697]
coverage : 2021-12-14 / 2021-12-20
created : 2023-08-21T16:19:18



Tropomi SWIR background noise (swir)

orbits : [2212, 21697]
coverage : 2018-03-18 / 2021-12-20
created : 2023-08-21T16:19:18

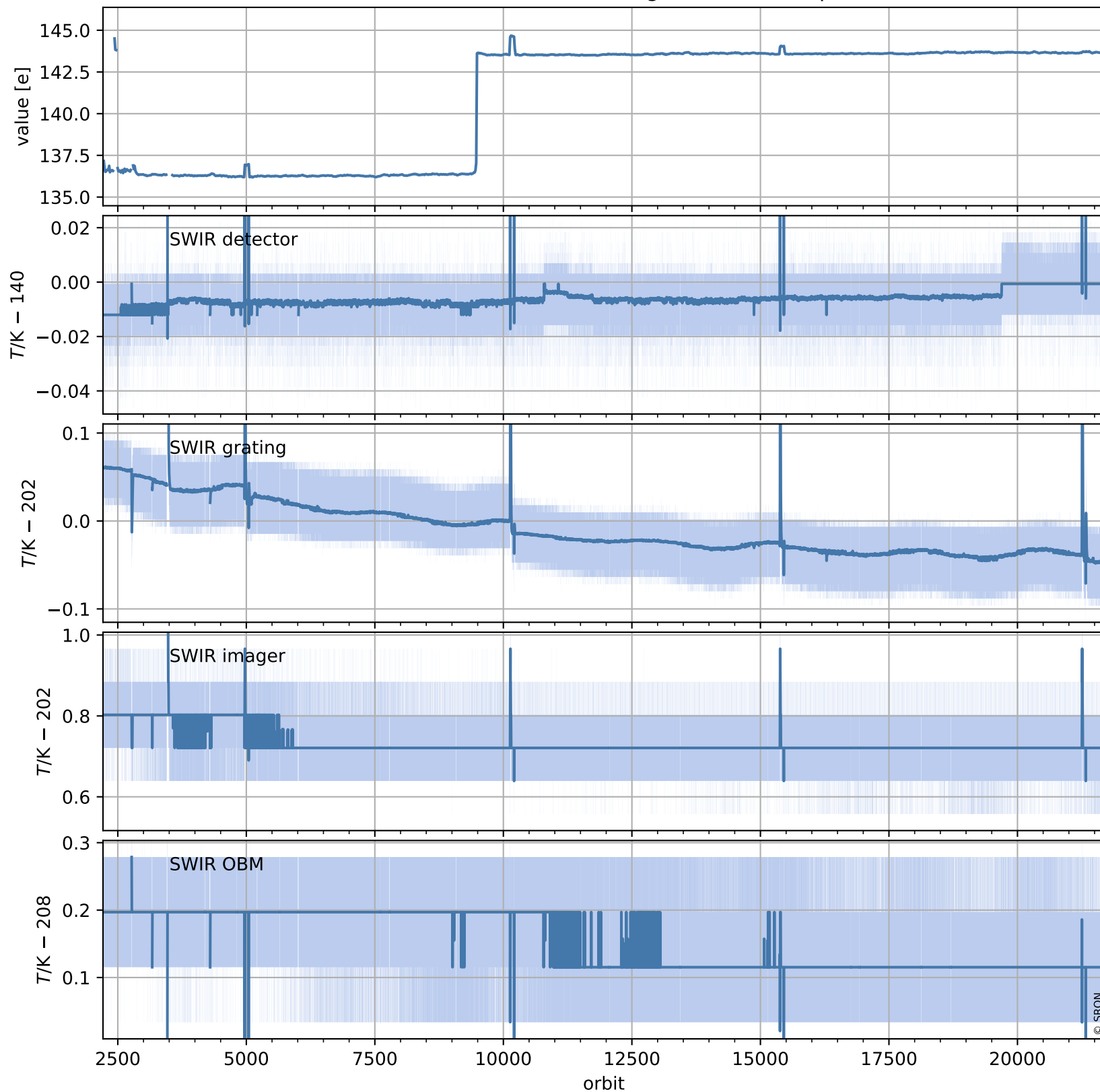
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21697]
coverage : 2018-03-18 / 2021-12-20
created : 2023-08-21T16:19:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21697]
coverage : 2018-03-18 / 2021-12-20
created : 2023-08-21T16:19:20

trend of normalized read-noise & temperatures

