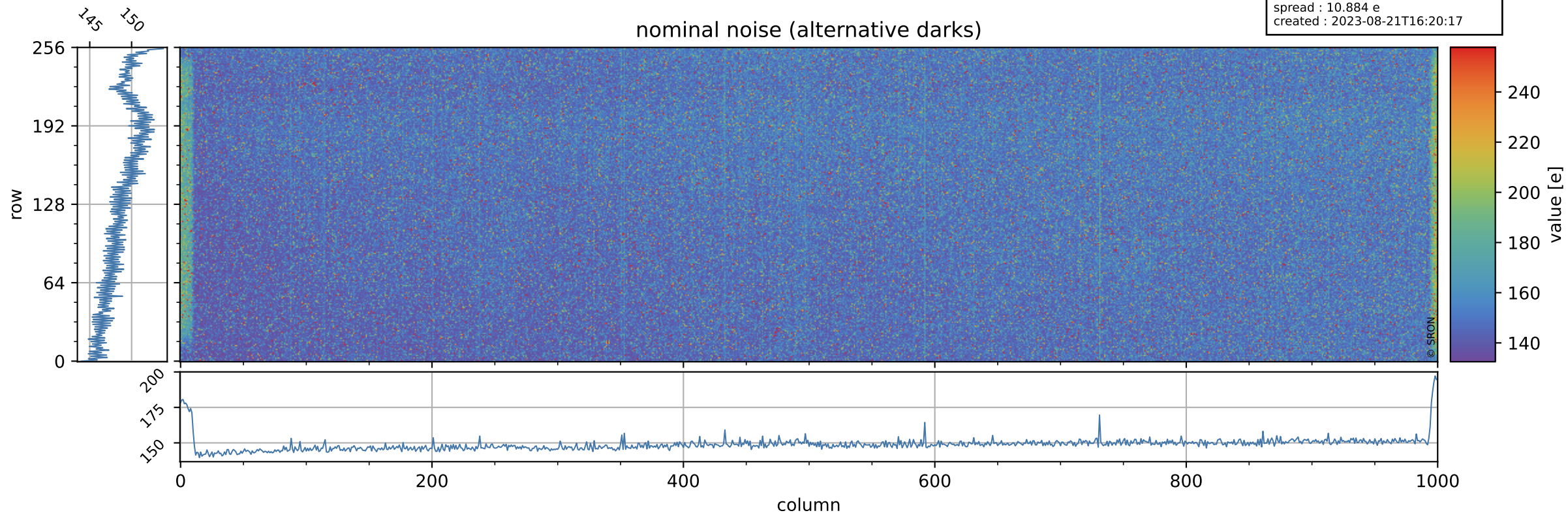


Tropomi SWIR background noise (swir)

orbits : 12 in [21772, 21862]
coverage : 2021-12-26 / 2021-12-31
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.884 e
created : 2023-08-21T16:20:17

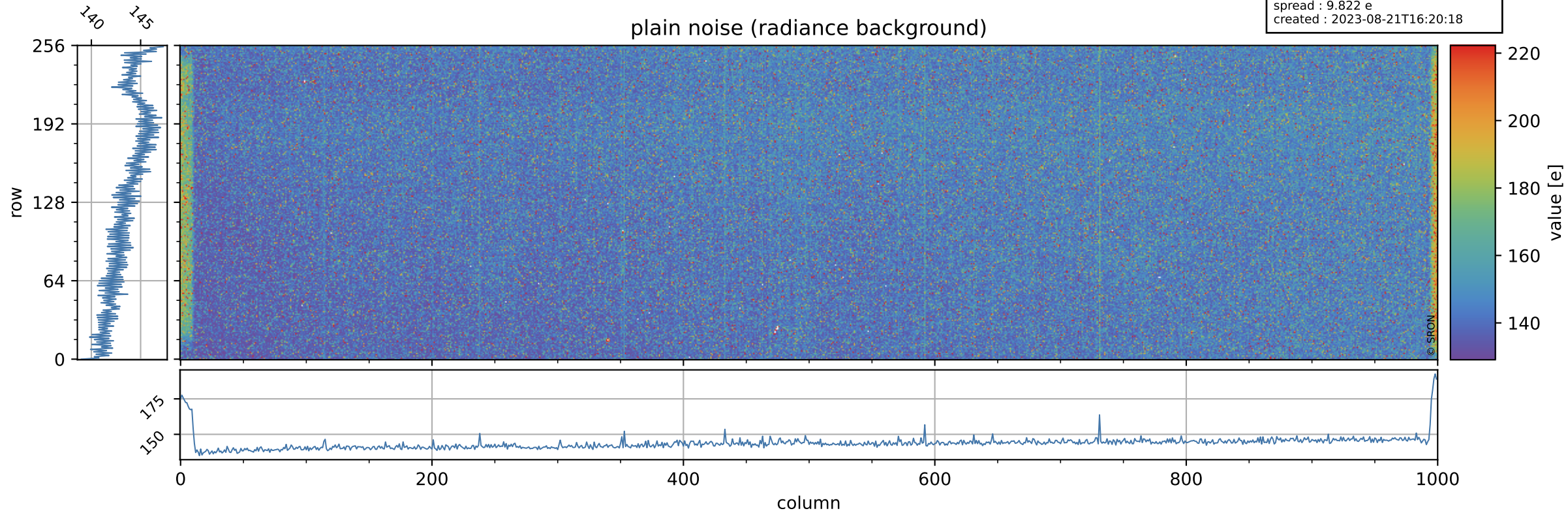
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21772, 21862]
coverage : 2021-12-26 / 2021-12-31
n_coad, t_exp : 1, 0.8383
median : 143.5 e
spread : 9.822 e
created : 2023-08-21T16:20:18

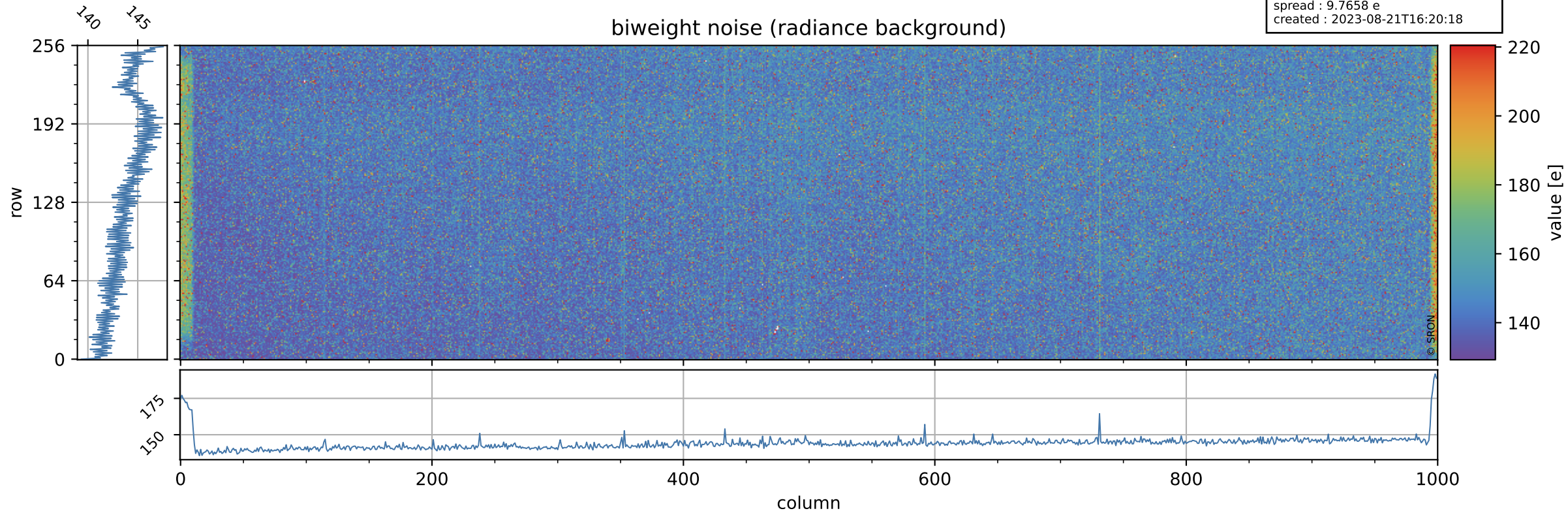
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21772, 21862]
coverage : 2021-12-26 / 2021-12-31
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.7658 e
created : 2023-08-21T16:20:18

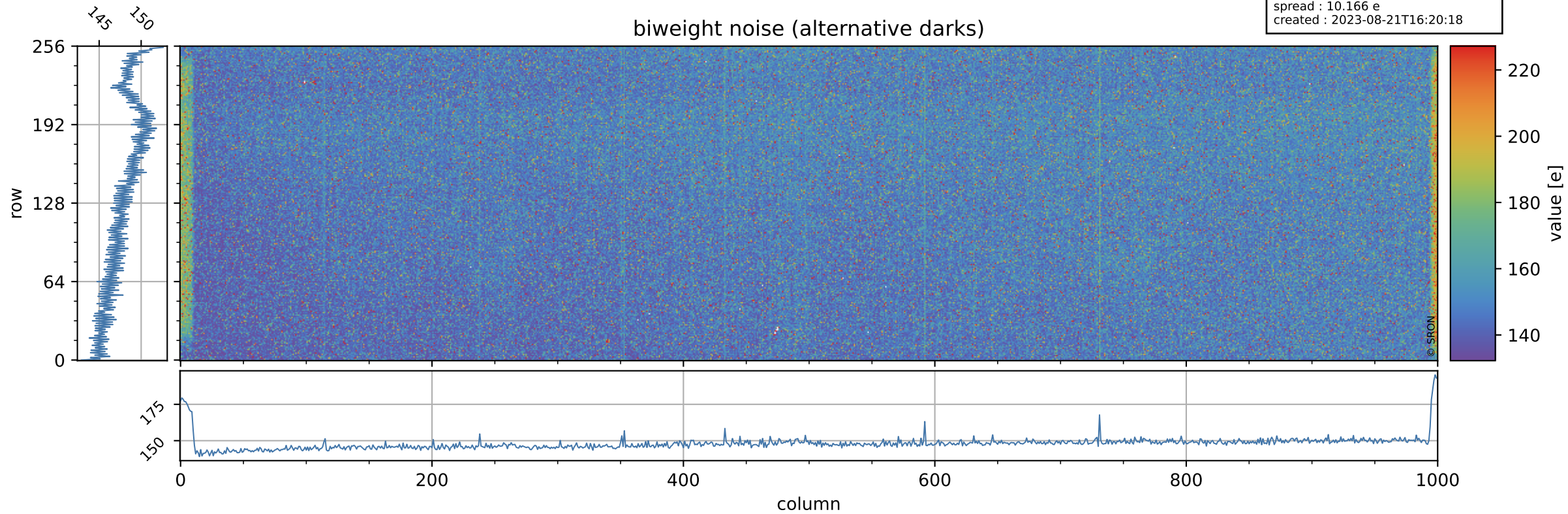
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21772, 21862]
coverage : 2021-12-26 / 2021-12-31
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.166 e
created : 2023-08-21T16:20:18

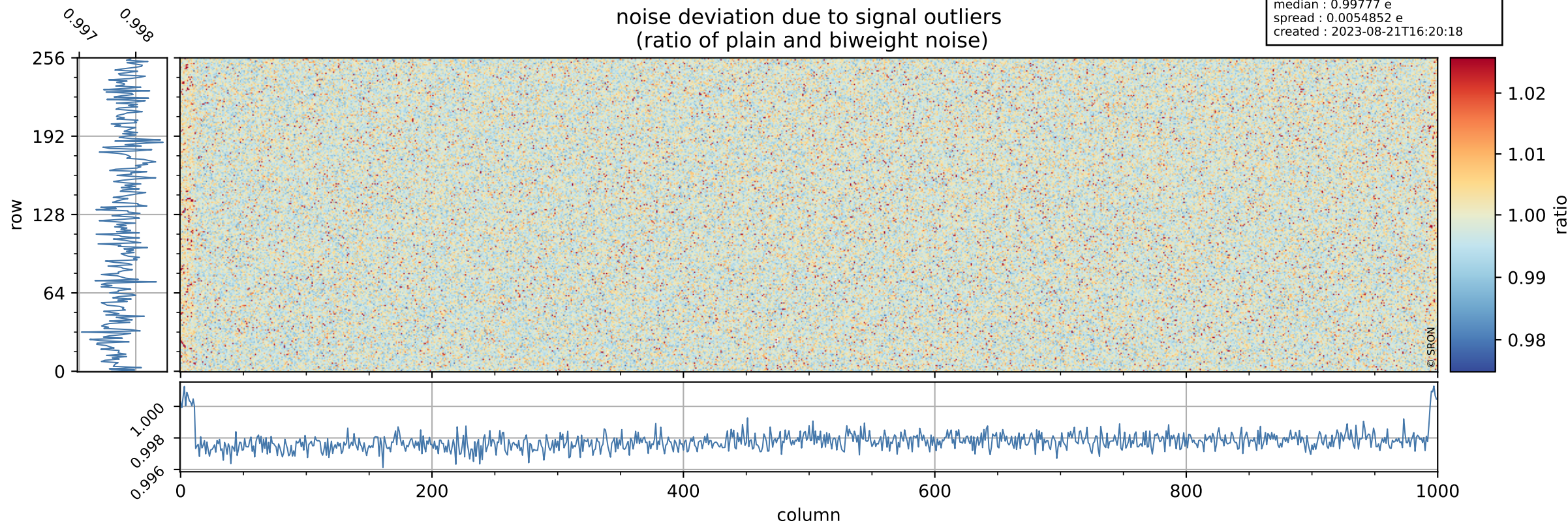
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

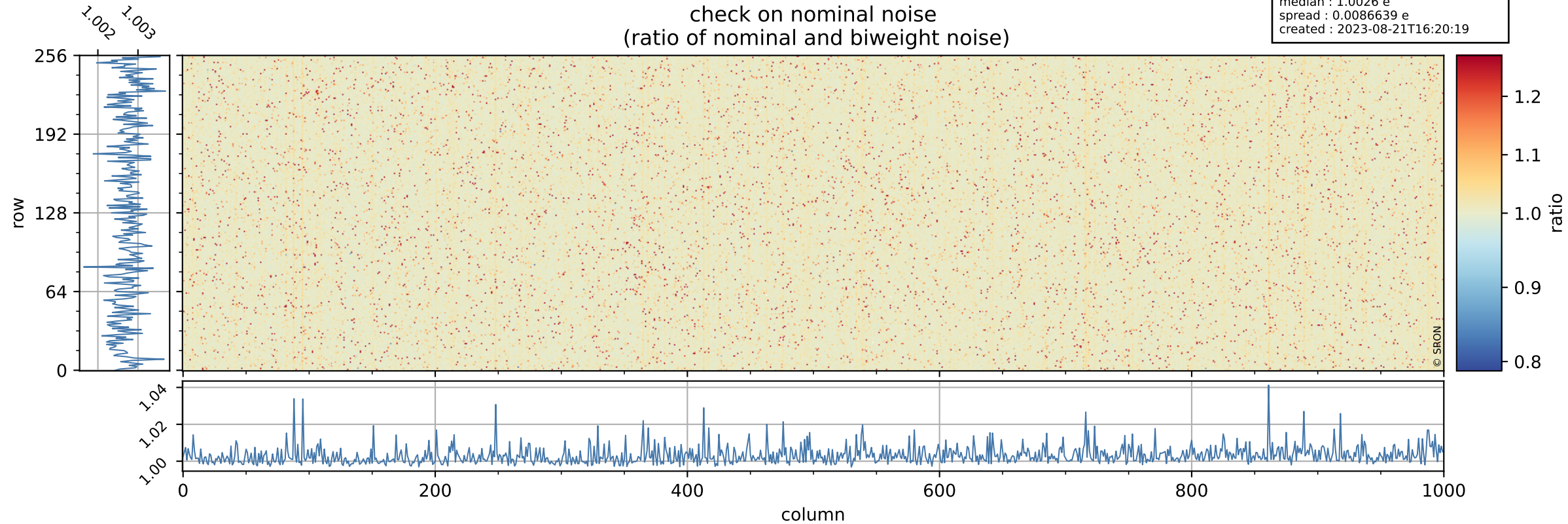
orbits : 12 in [21772, 21862]
coverage : 2021-12-26 / 2021-12-31
median : 0.99777 e
spread : 0.0054852 e
created : 2023-08-21T16:20:18



Tropomi SWIR background noise (swir)

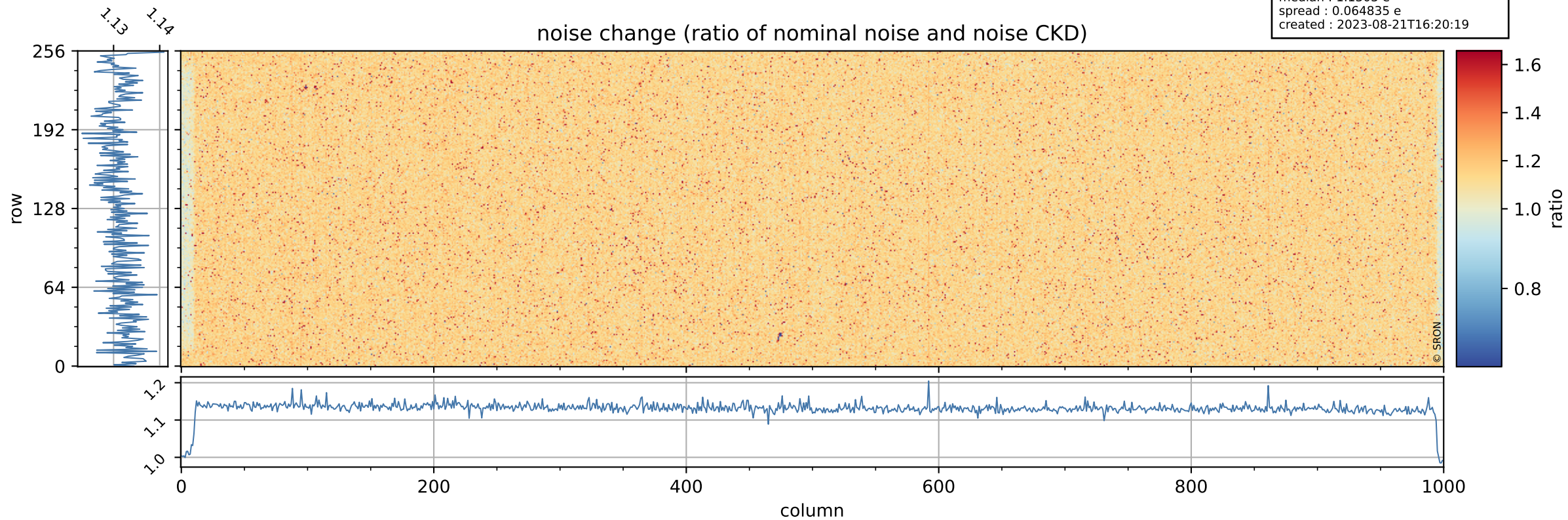
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21772, 21862]
coverage : 2021-12-26 / 2021-12-31
median : 1.0026 e
spread : 0.0086639 e
created : 2023-08-21T16:20:19



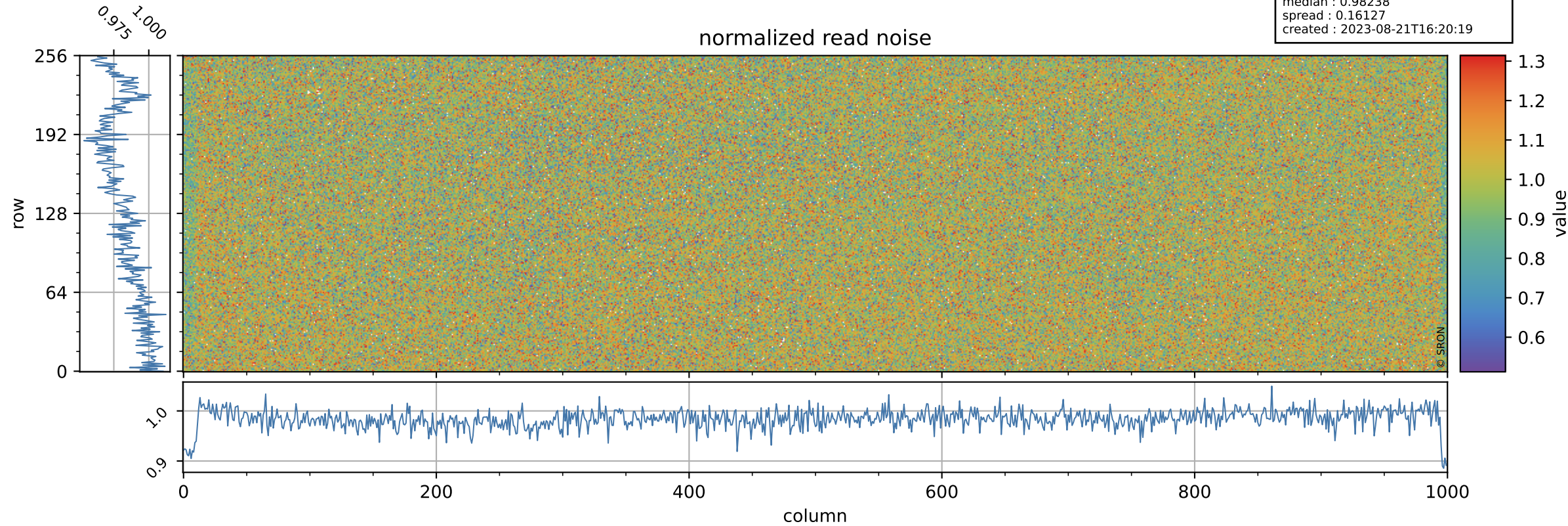
Tropomi SWIR background noise (swir)

orbits : 12 in [21772, 21862]
coverage : 2021-12-26 / 2021-12-31
median : 1.1303 e
spread : 0.064835 e
created : 2023-08-21T16:20:19



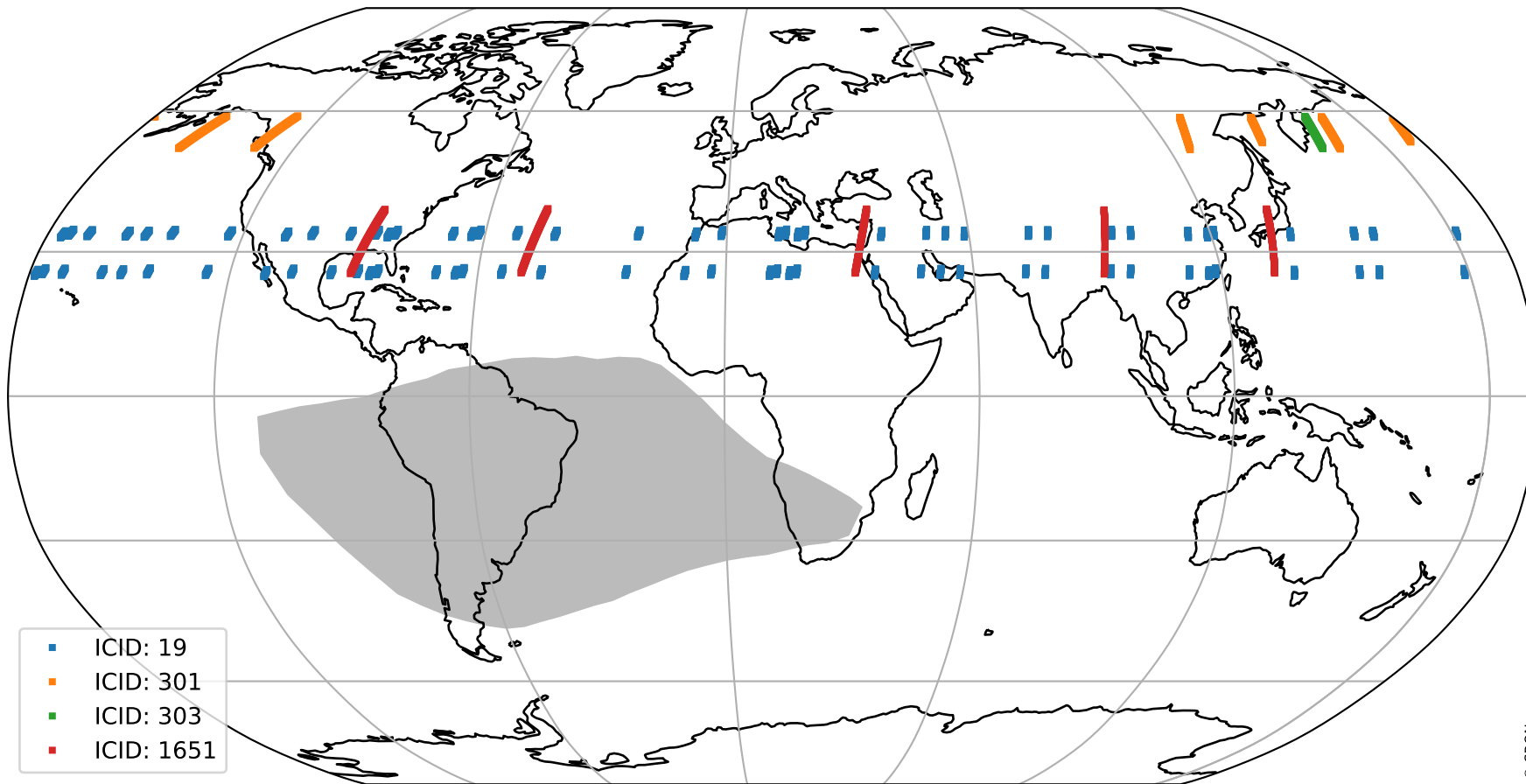
Tropomi SWIR background noise (swir)

orbits : 12 in [21772, 21862]
coverage : 2021-12-26 / 2021-12-31
median : 0.98238
spread : 0.16127
created : 2023-08-21T16:20:19



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

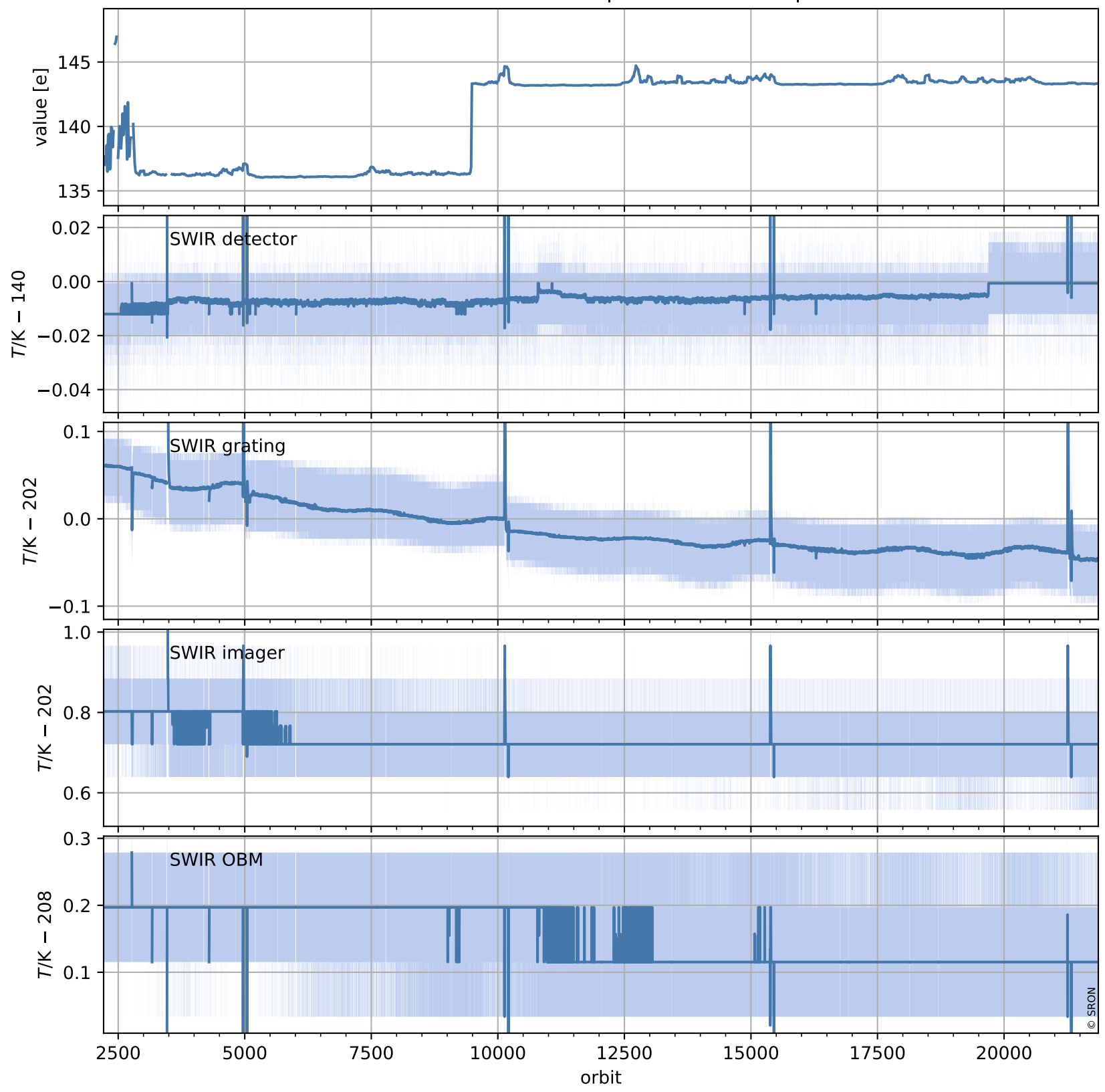
orbits : 12 in [21772, 21862]
coverage : 2021-12-26 / 2021-12-31
created : 2023-08-21T16:20:20



Tropomi SWIR background noise (swir)

orbits : [2212, 21862]
coverage : 2018-03-18 / 2021-12-31
created : 2023-08-21T16:20:20

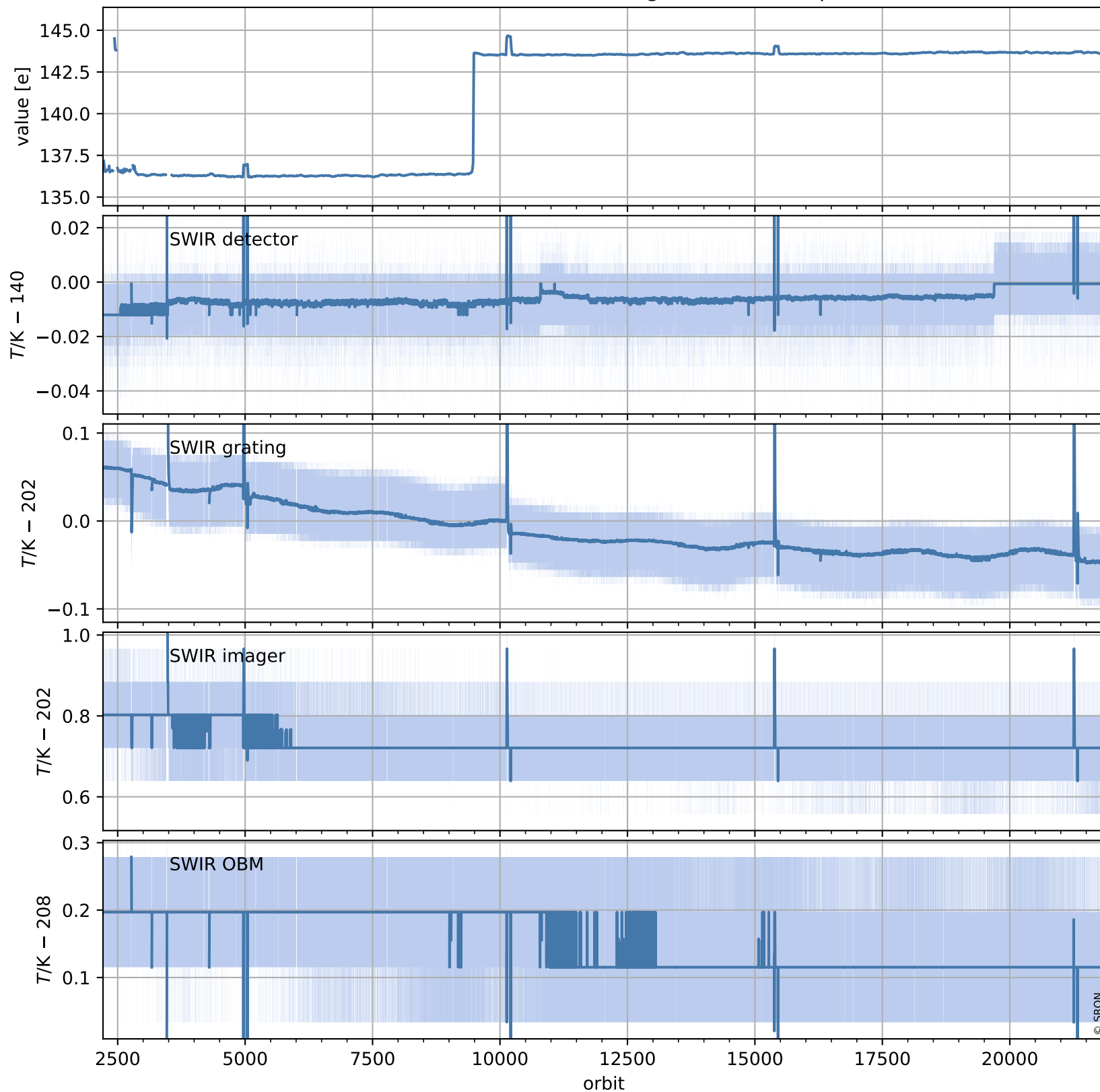
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21862]
coverage : 2018-03-18 / 2021-12-31
created : 2023-08-21T16:20:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21862]
coverage : 2018-03-18 / 2021-12-31
created : 2023-08-21T16:20:22

trend of normalized read-noise & temperatures

