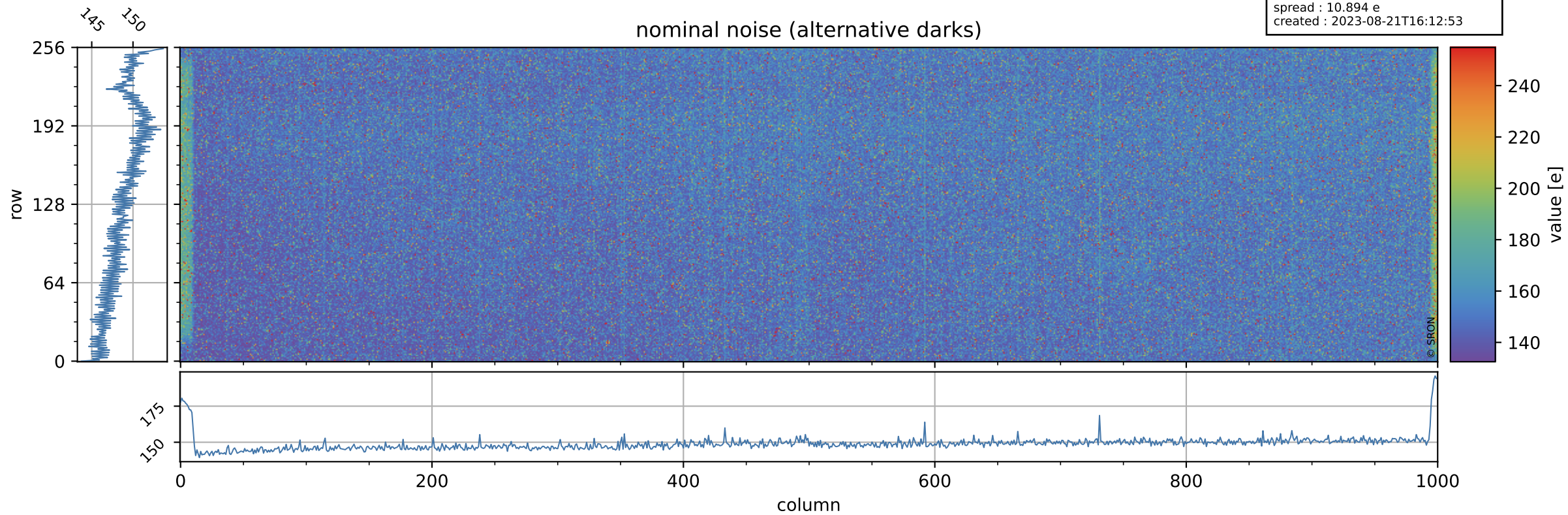


Tropomi SWIR background noise (swir)

orbits : 12 in [20587, 20677]
coverage : 2021-10-03 / 2021-10-09
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.894 e
created : 2023-08-21T16:12:53

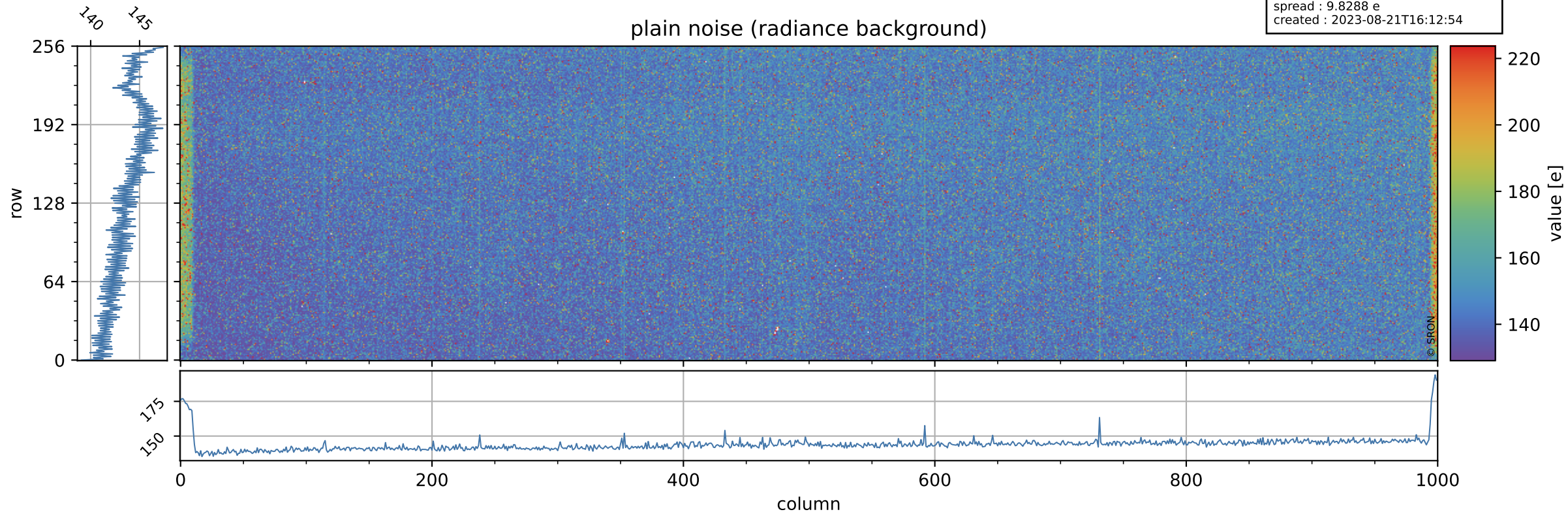
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20587, 20677]
coverage : 2021-10-03 / 2021-10-09
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 9.8288 e
created : 2023-08-21T16:12:54

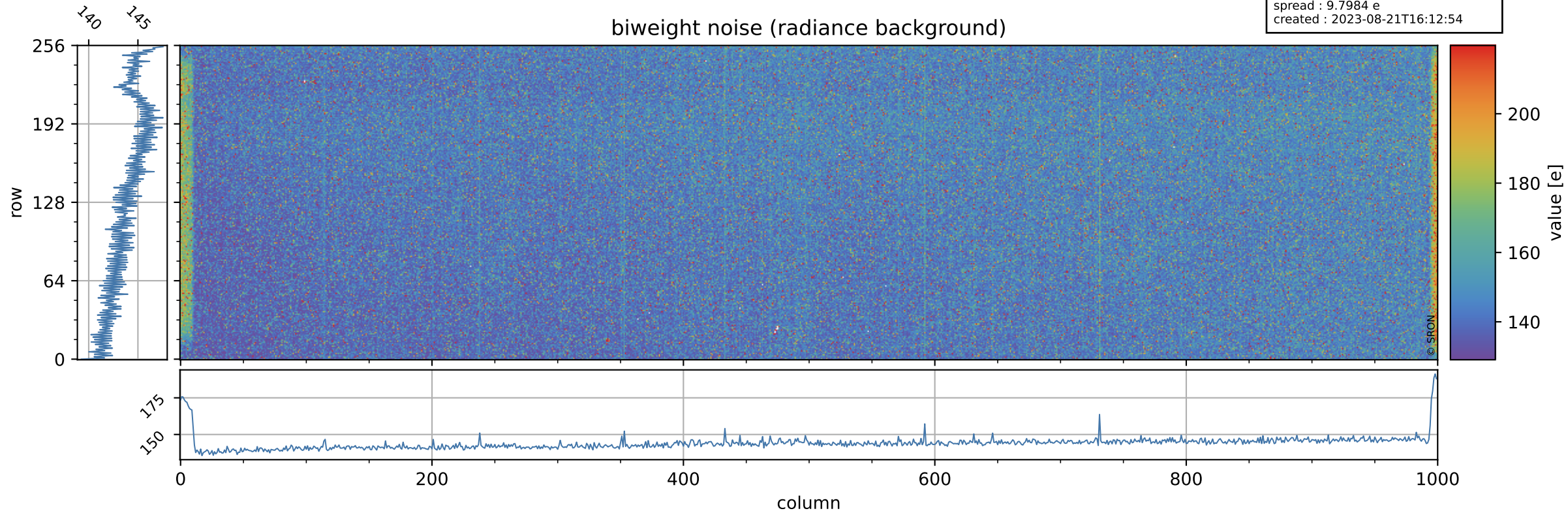
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20587, 20677]
coverage : 2021-10-03 / 2021-10-09
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.7984 e
created : 2023-08-21T16:12:54

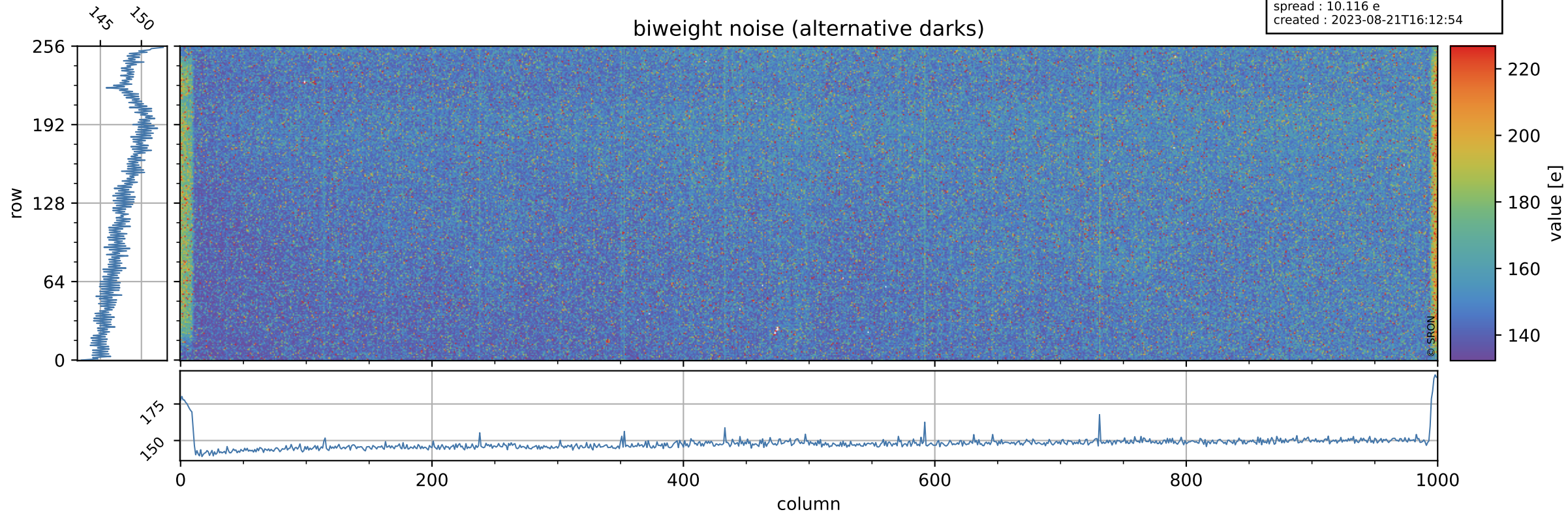
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20587, 20677]
coverage : 2021-10-03 / 2021-10-09
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.116 e
created : 2023-08-21T16:12:54

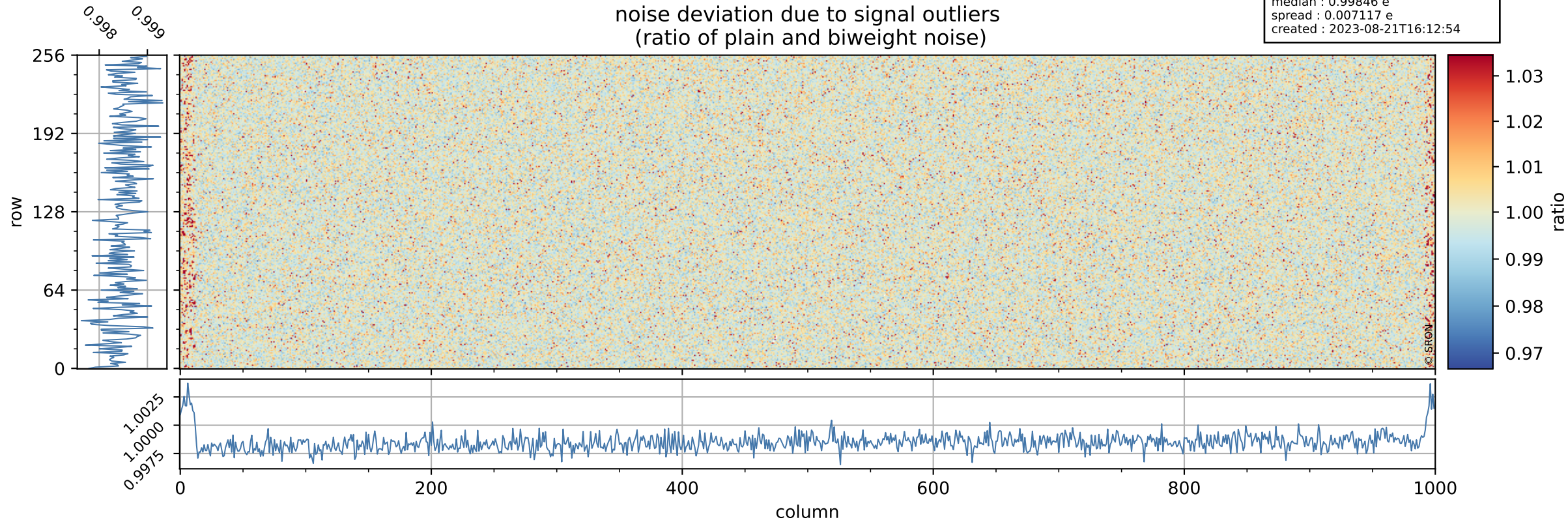
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

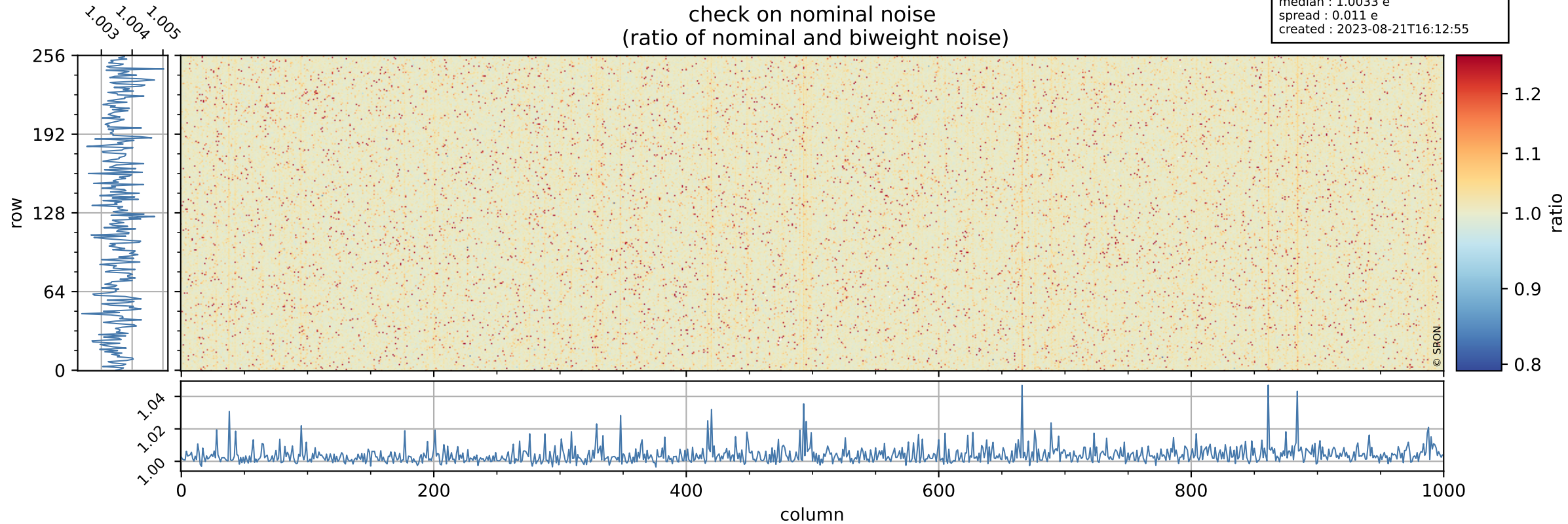
orbits : 12 in [20587, 20677]
coverage : 2021-10-03 / 2021-10-09
median : 0.99846 e
spread : 0.007117 e
created : 2023-08-21T16:12:54



Tropomi SWIR background noise (swir)

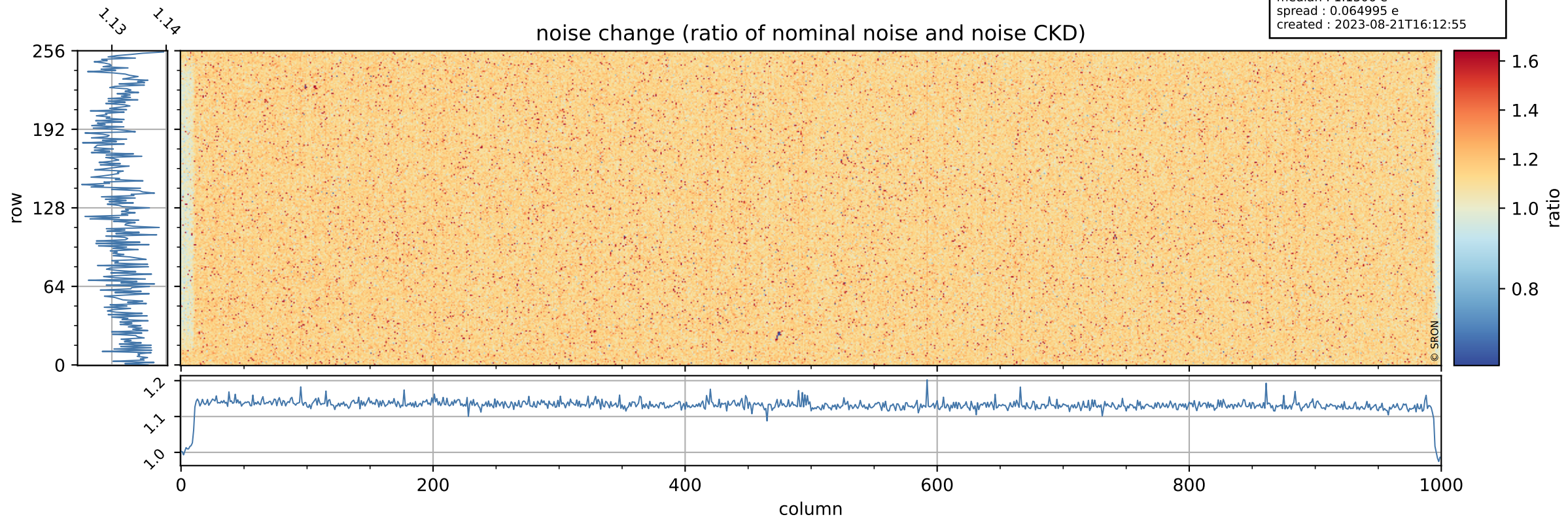
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20587, 20677]
coverage : 2021-10-03 / 2021-10-09
median : 1.0033 e
spread : 0.011 e
created : 2023-08-21T16:12:55



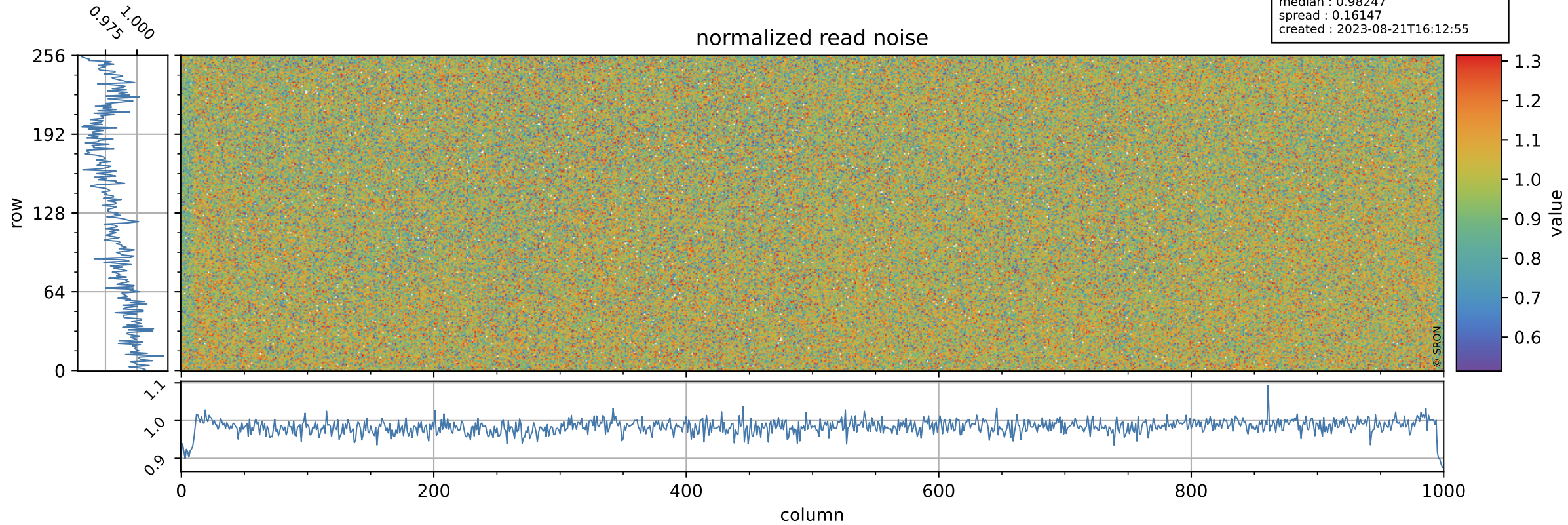
Tropomi SWIR background noise (swir)

orbits : 12 in [20587, 20677]
coverage : 2021-10-03 / 2021-10-09
median : 1.1306 e
spread : 0.064995 e
created : 2023-08-21T16:12:55



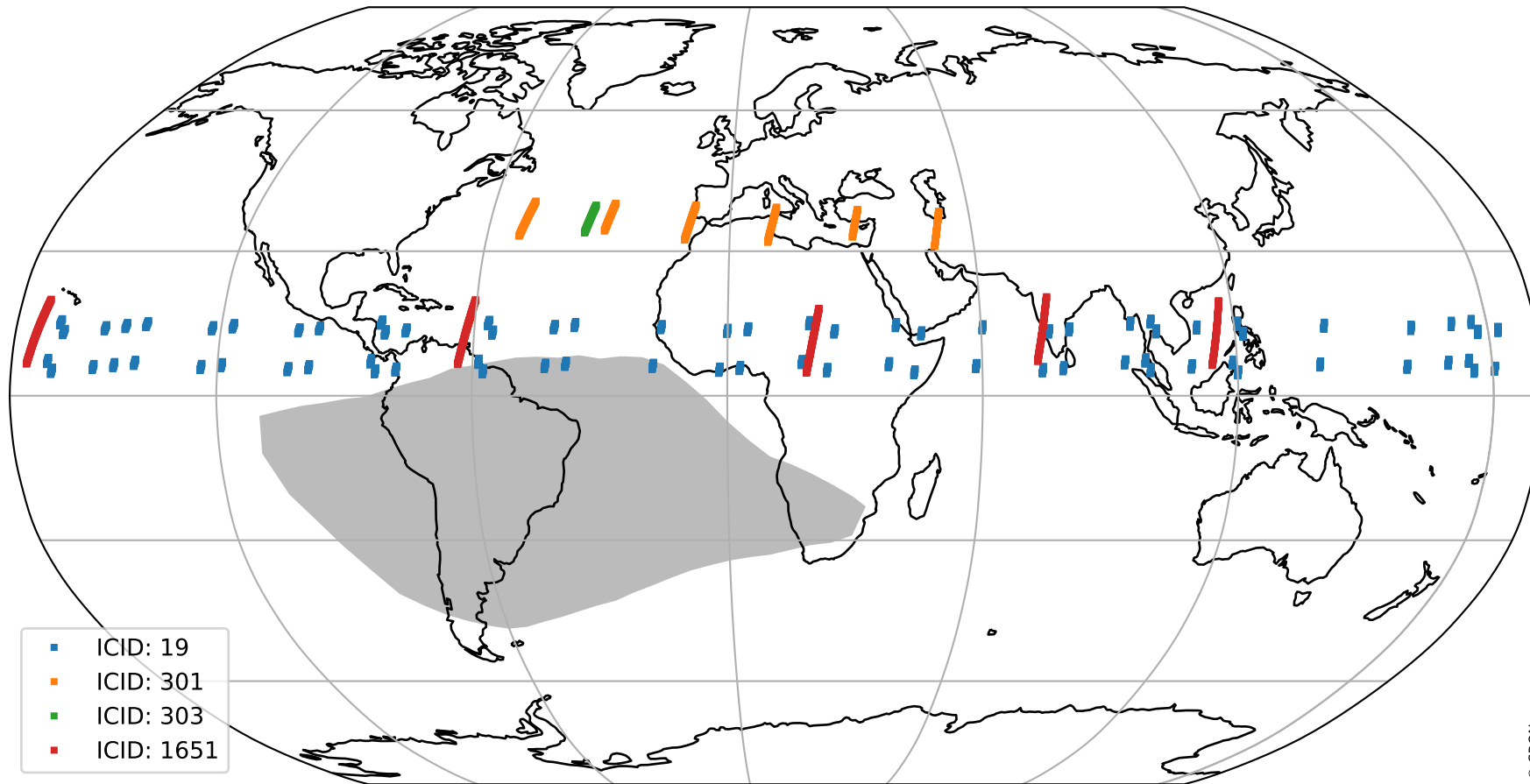
Tropomi SWIR background noise (swir)

orbits : 12 in [20587, 20677]
coverage : 2021-10-03 / 2021-10-09
median : 0.98247
spread : 0.16147
created : 2023-08-21T16:12:55



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

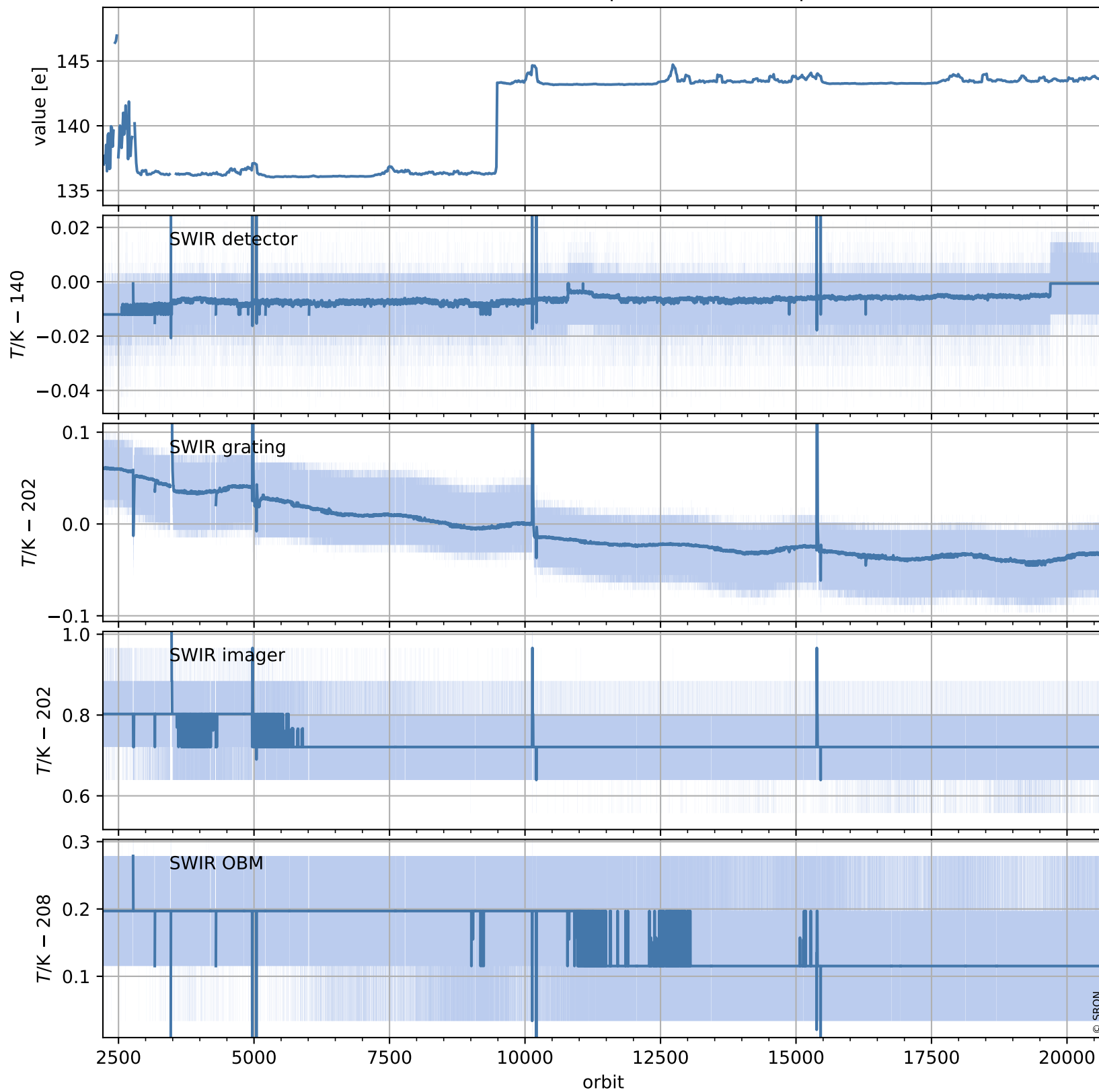
orbits : 12 in [20587, 20677]
coverage : 2021-10-03 / 2021-10-09
created : 2023-08-21T16:12:56



Tropomi SWIR background noise (swir)

orbits : [2212, 20677]
coverage : 2018-03-18 / 2021-10-09
created : 2023-08-21T16:12:56

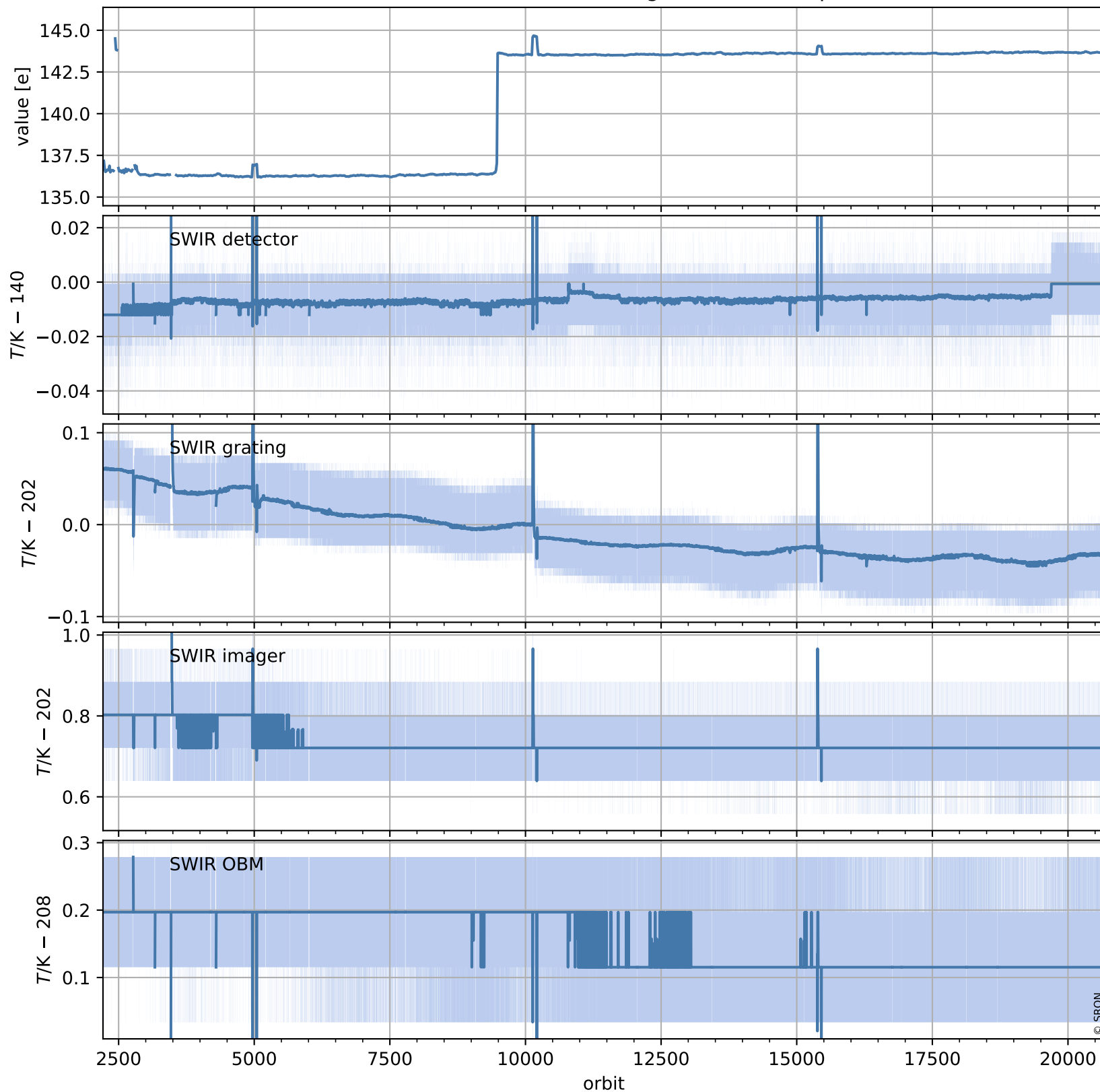
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20677]
coverage : 2018-03-18 / 2021-10-09
created : 2023-08-21T16:12:57

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20677]
coverage : 2018-03-18 / 2021-10-09
created : 2023-08-21T16:12:58

trend of normalized read-noise & temperatures

