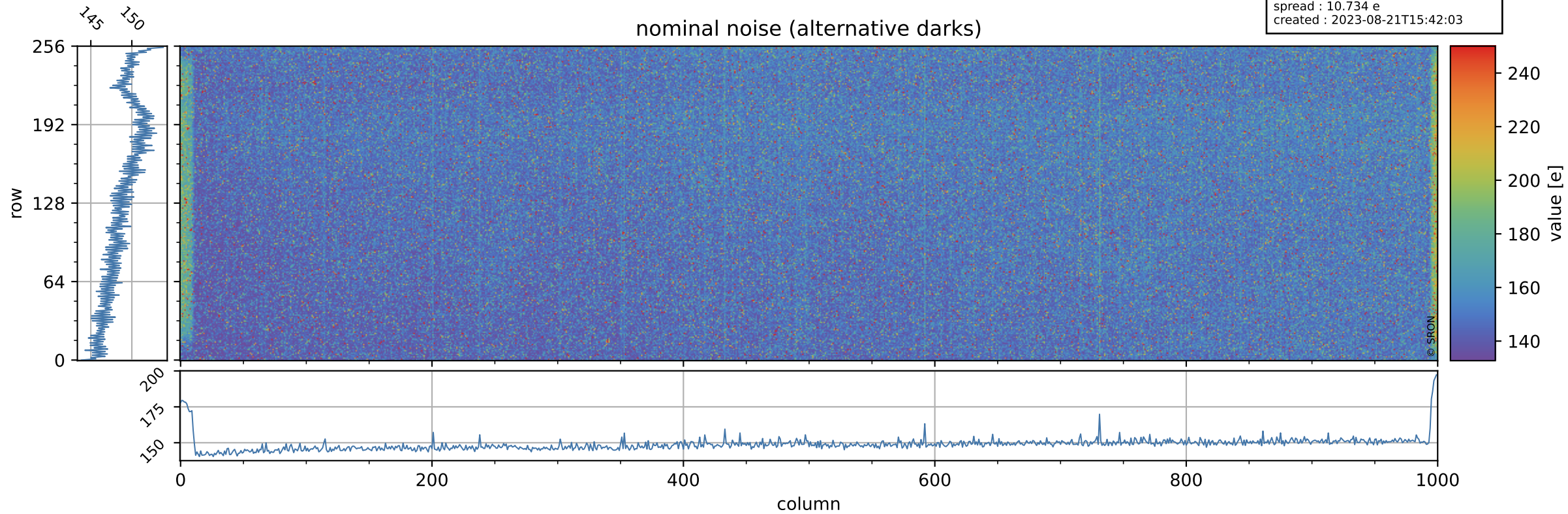


Tropomi SWIR background noise (swir)

orbits : 13 in [15352, 15442]
coverage : 2020-09-29 / 2020-10-05
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.734 e
created : 2023-08-21T15:42:03

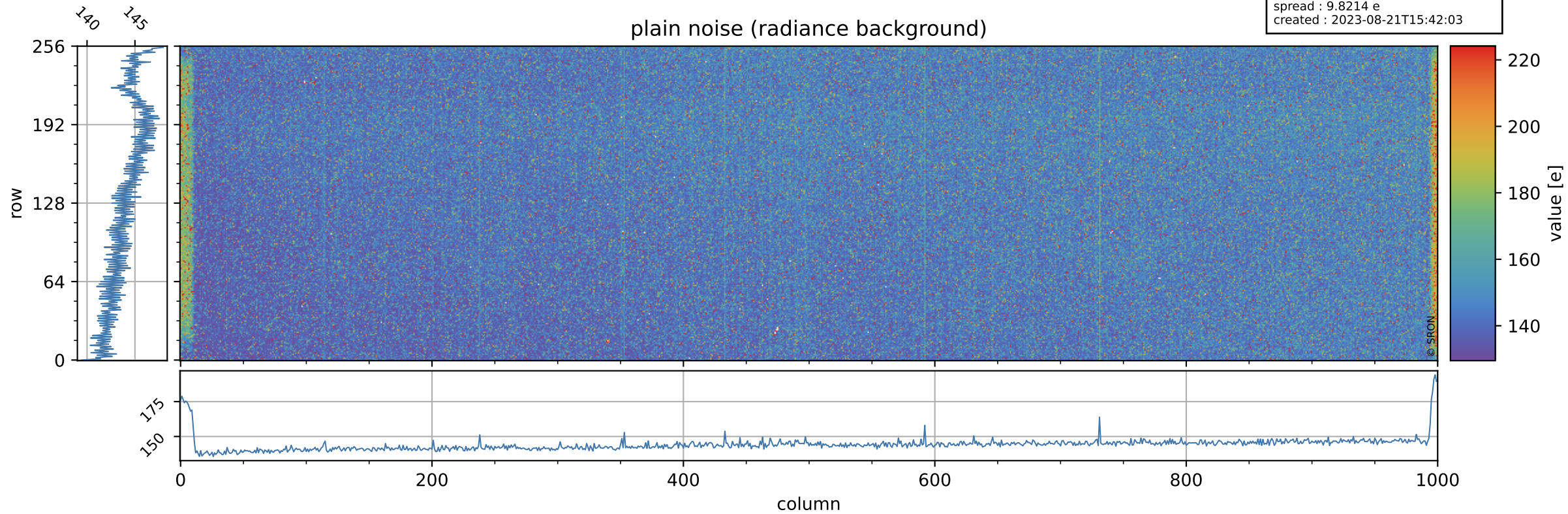
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [15352, 15442]
coverage : 2020-09-29 / 2020-10-05
n_coad, t_exp : 1, 0.8383
median : 143.99 e
spread : 9.8214 e
created : 2023-08-21T15:42:03

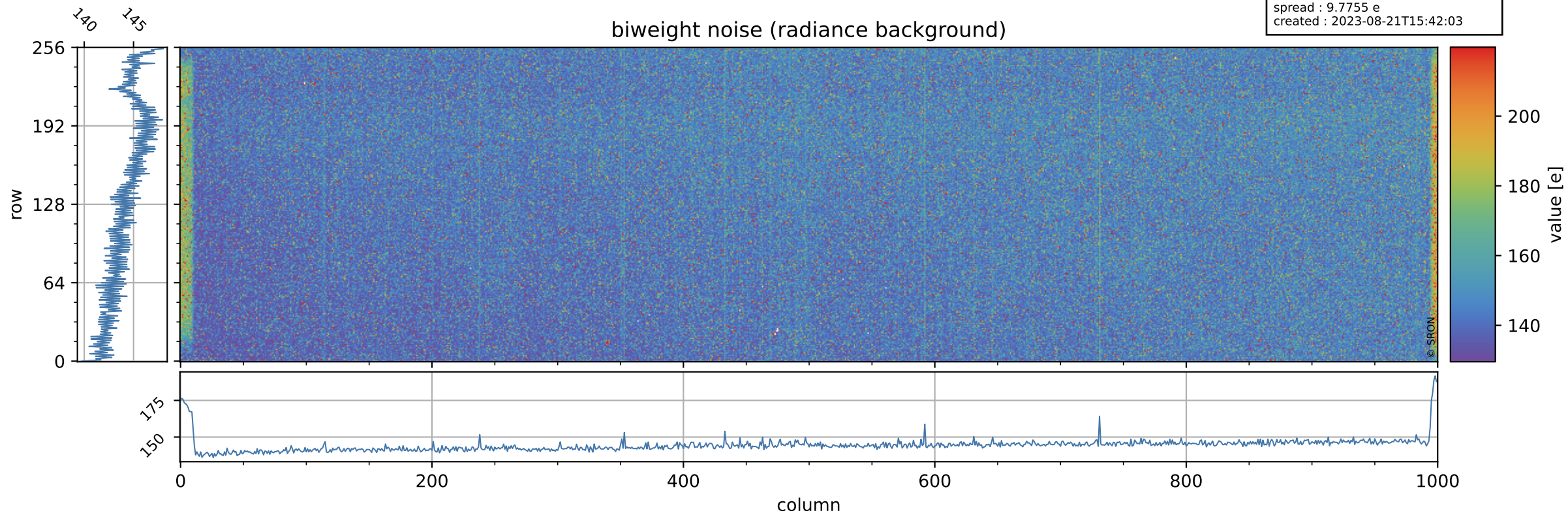
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [15352, 15442]
coverage : 2020-09-29 / 2020-10-05
n_coad, t_exp : 1, 0.8383
median : 144.16 e
spread : 9.7755 e
created : 2023-08-21T15:42:03

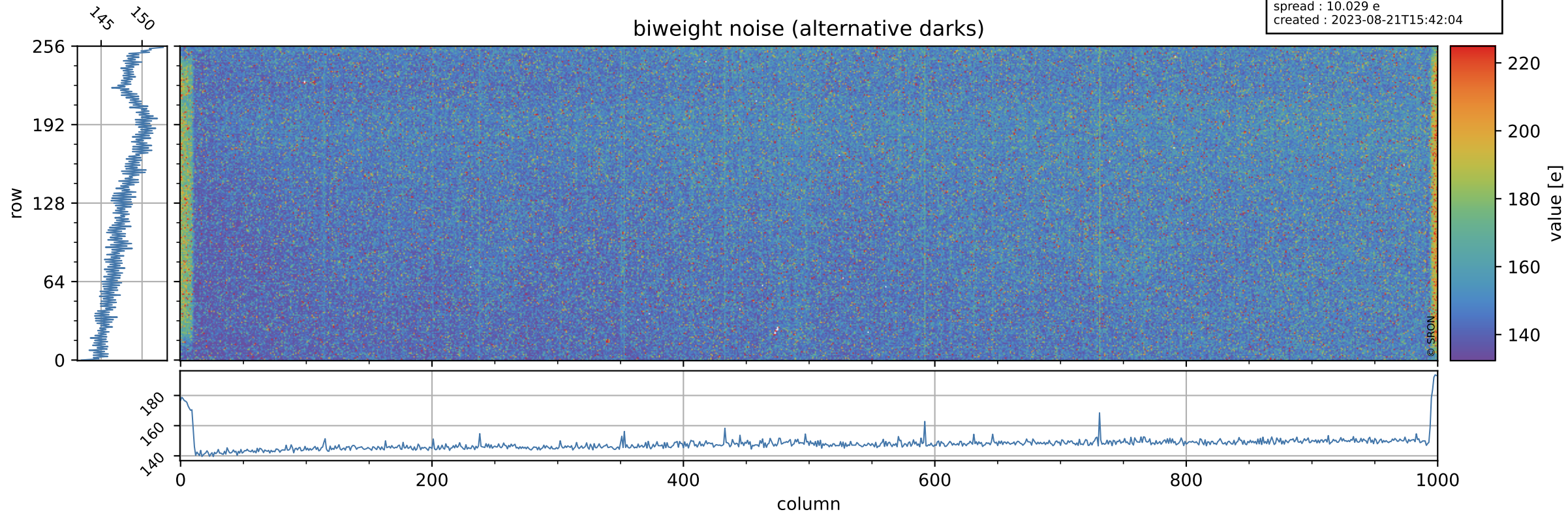
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [15352, 15442]
coverage : 2020-09-29 / 2020-10-05
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.029 e
created : 2023-08-21T15:42:04

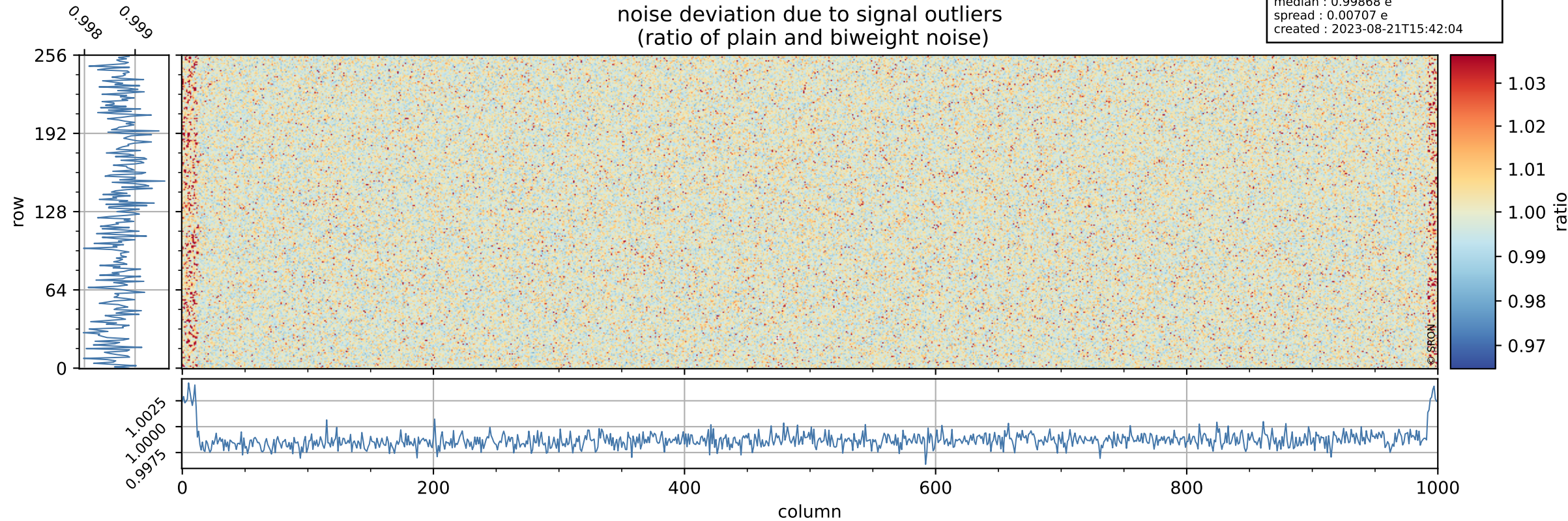
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

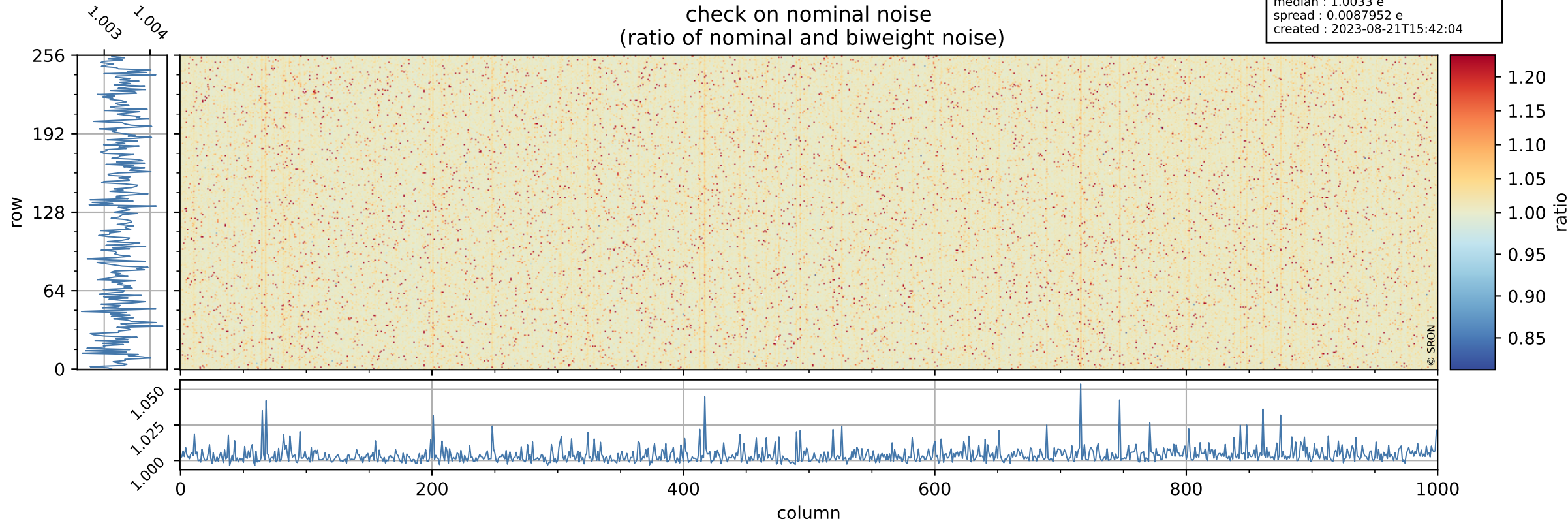
orbits : 13 in [15352, 15442]
coverage : 2020-09-29 / 2020-10-05
median : 0.99868 e
spread : 0.00707 e
created : 2023-08-21T15:42:04



Tropomi SWIR background noise (swir)

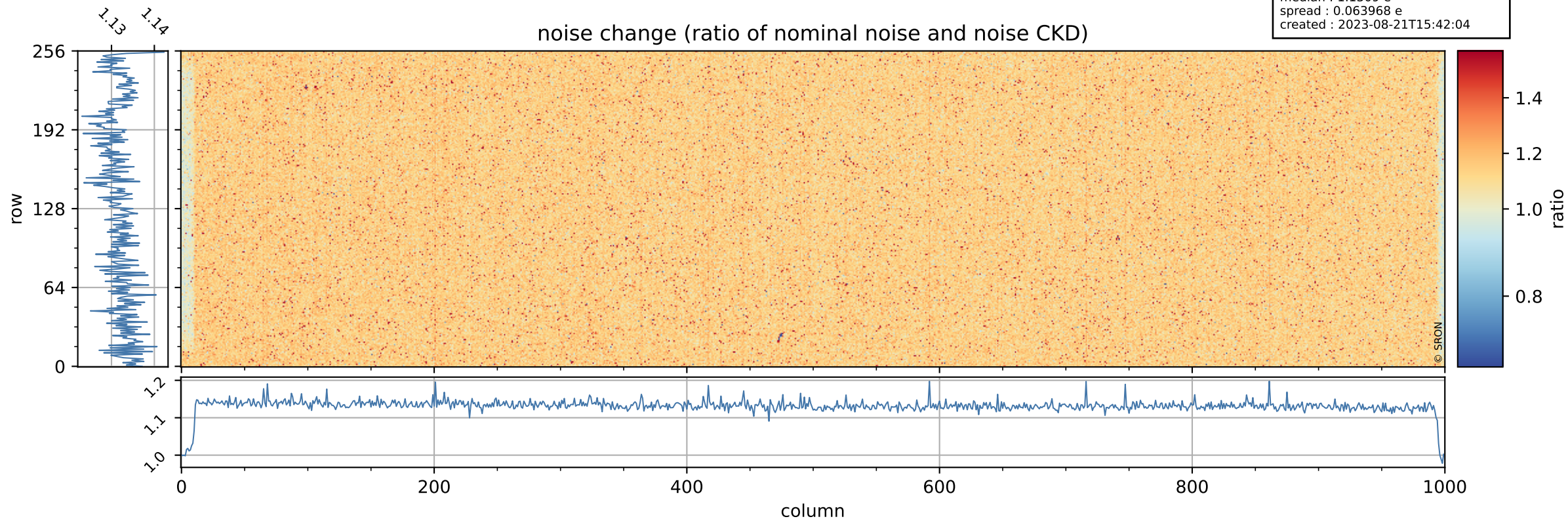
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [15352, 15442]
coverage : 2020-09-29 / 2020-10-05
median : 1.0033 e
spread : 0.0087952 e
created : 2023-08-21T15:42:04



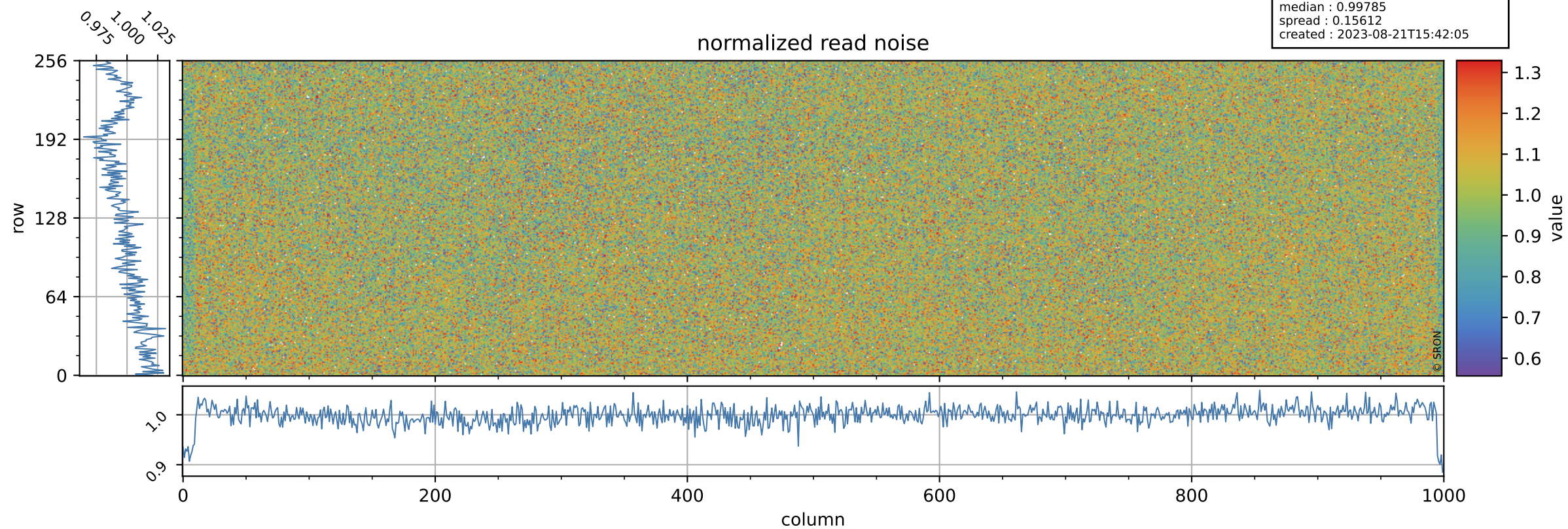
Tropomi SWIR background noise (swir)

orbits : 13 in [15352, 15442]
coverage : 2020-09-29 / 2020-10-05
median : 1.1309 e
spread : 0.063968 e
created : 2023-08-21T15:42:04



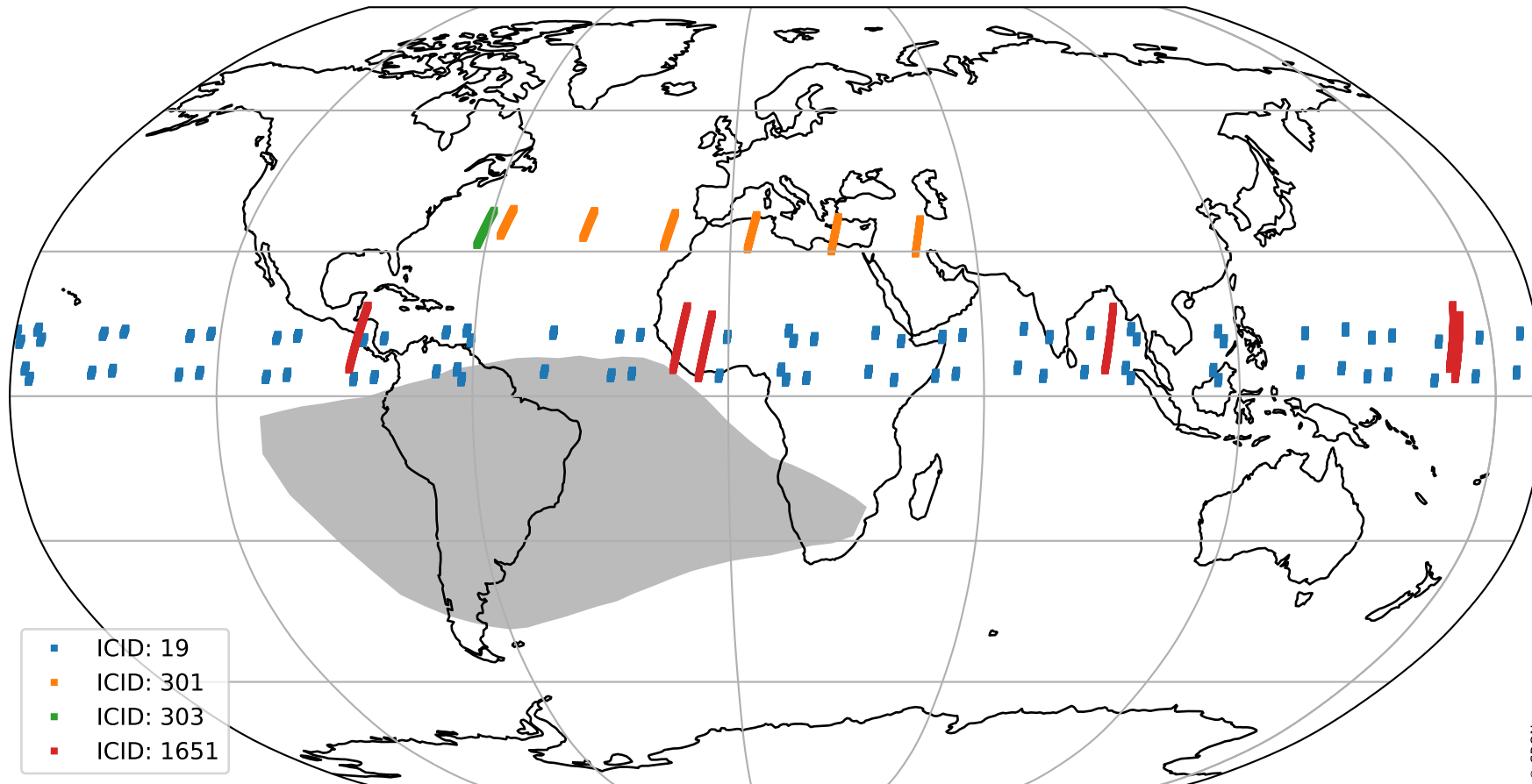
Tropomi SWIR background noise (swir)

orbits : 13 in [15352, 15442]
coverage : 2020-09-29 / 2020-10-05
median : 0.99785
spread : 0.15612
created : 2023-08-21T15:42:05



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

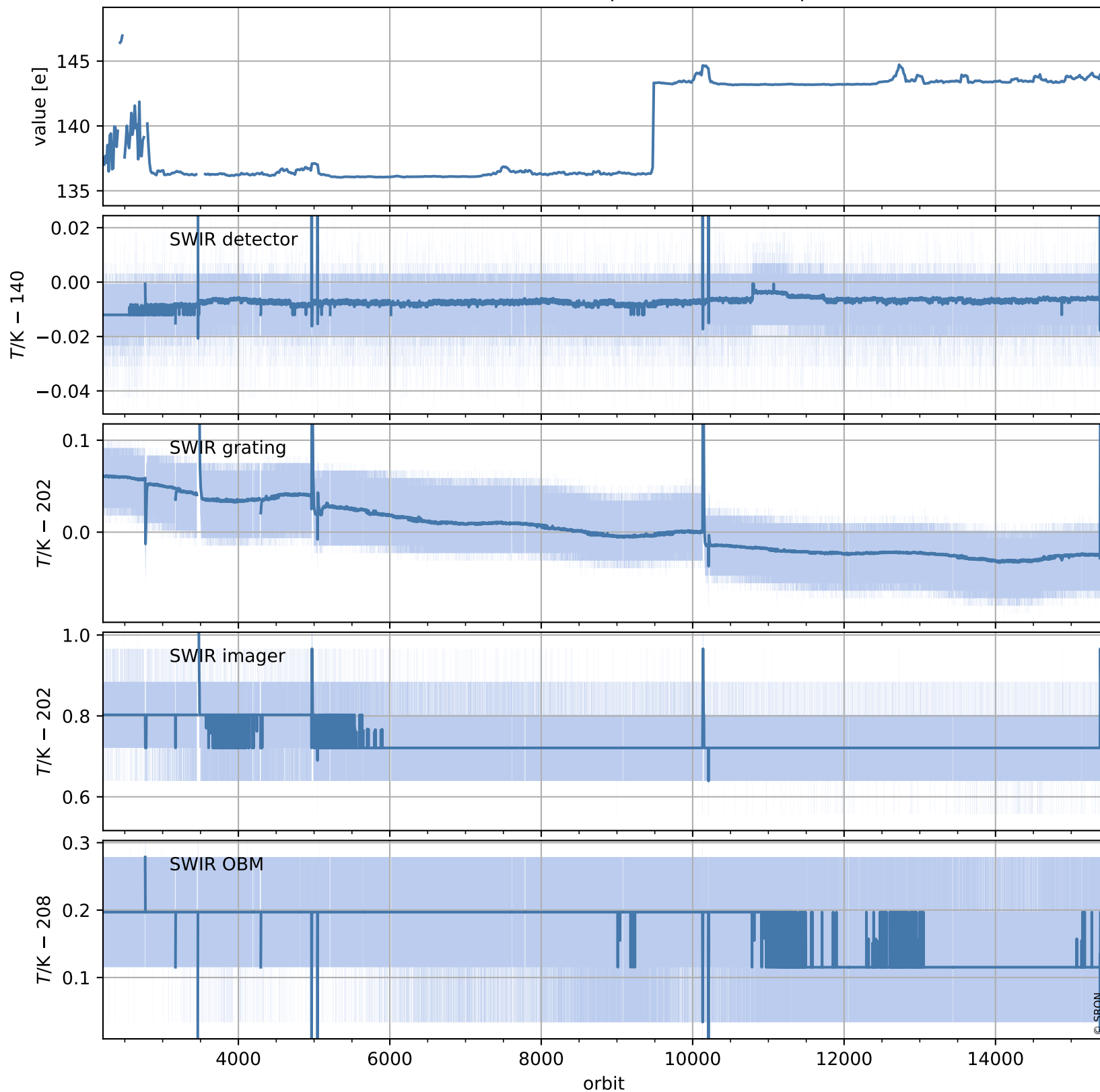
orbits : 13 in [15352, 15442]
coverage : 2020-09-29 / 2020-10-05
created : 2023-08-21T15:42:05



Tropomi SWIR background noise (swir)

orbits : [2212, 15442]
coverage : 2018-03-18 / 2020-10-05
created : 2023-08-21T15:42:05

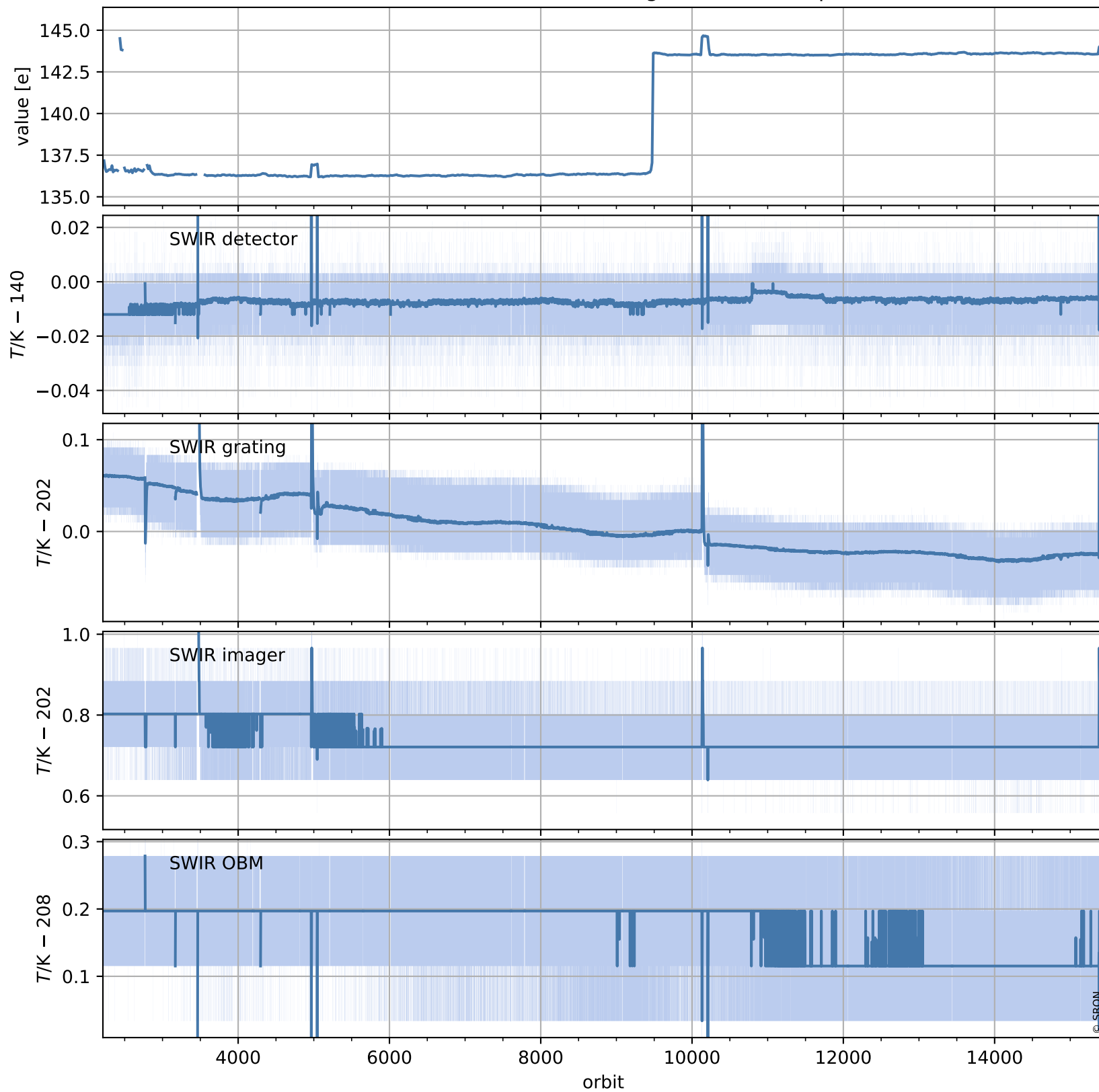
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15442]
coverage : 2018-03-18 / 2020-10-05
created : 2023-08-21T15:42:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15442]
coverage : 2018-03-18 / 2020-10-05
created : 2023-08-21T15:42:07

trend of normalized read-noise & temperatures

