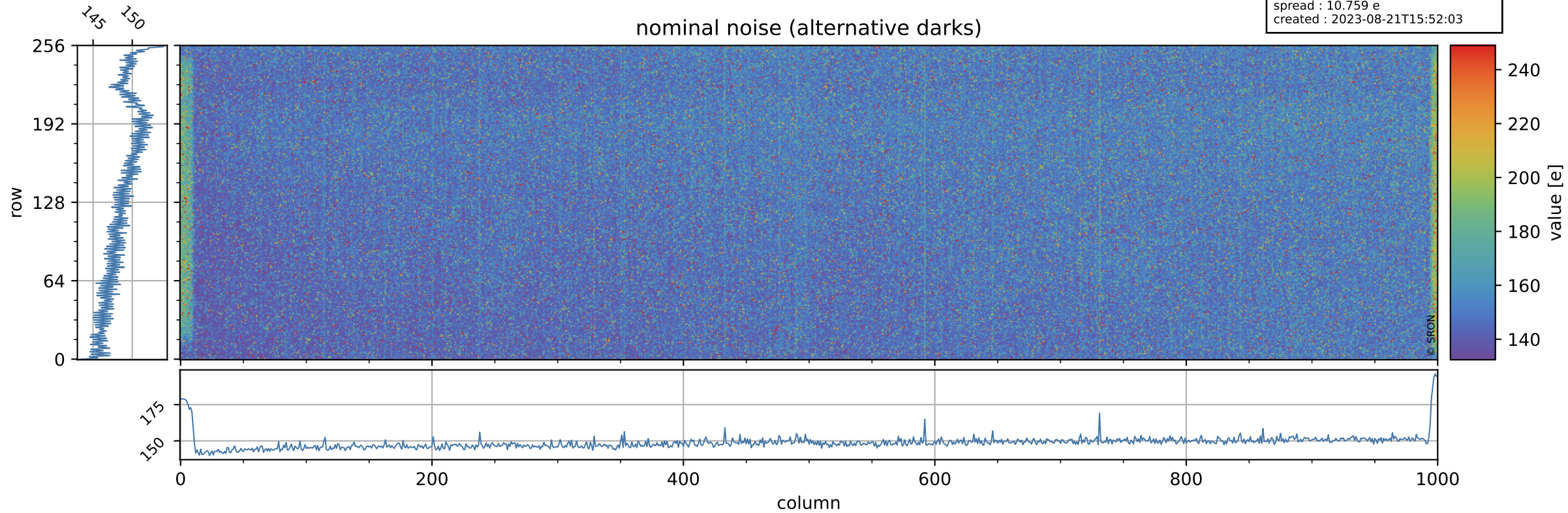


Tropomi SWIR background noise (swir)

orbits : 12 in [17122, 17197]
coverage : 2021-01-31 / 2021-02-05
n_coad, t_exp : 1, 1.0783
median : 148.6 e
spread : 10.759 e
created : 2023-08-21T15:52:03

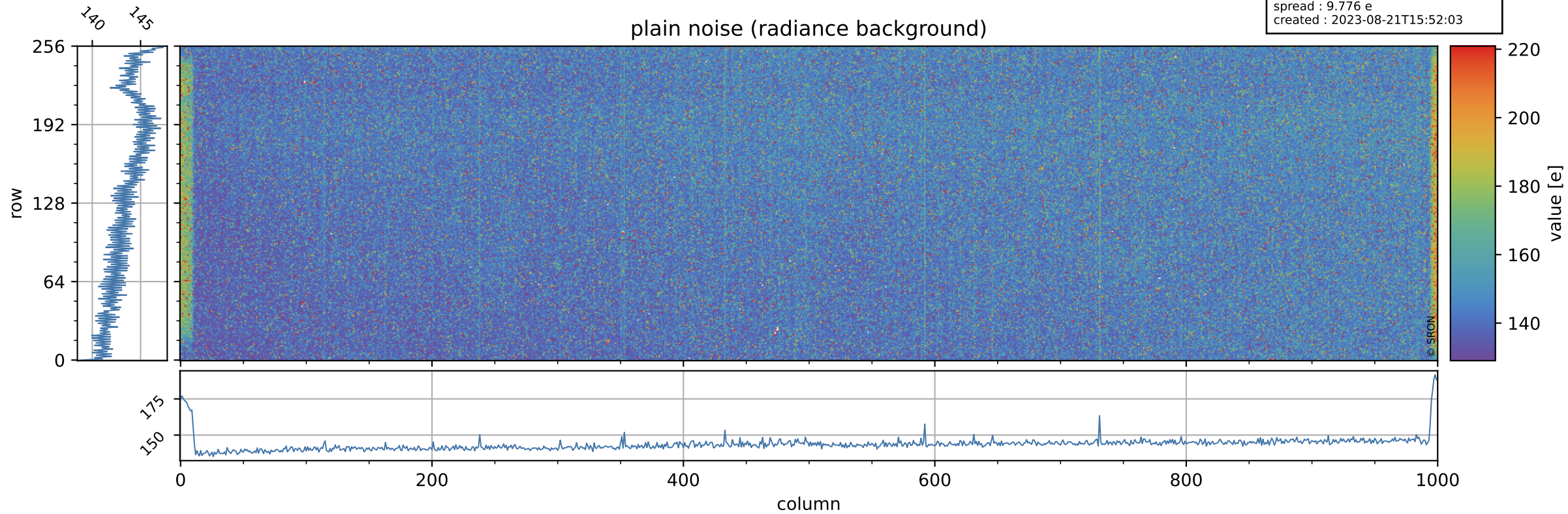
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17122, 17197]
coverage : 2021-01-31 / 2021-02-05
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.776 e
created : 2023-08-21T15:52:03

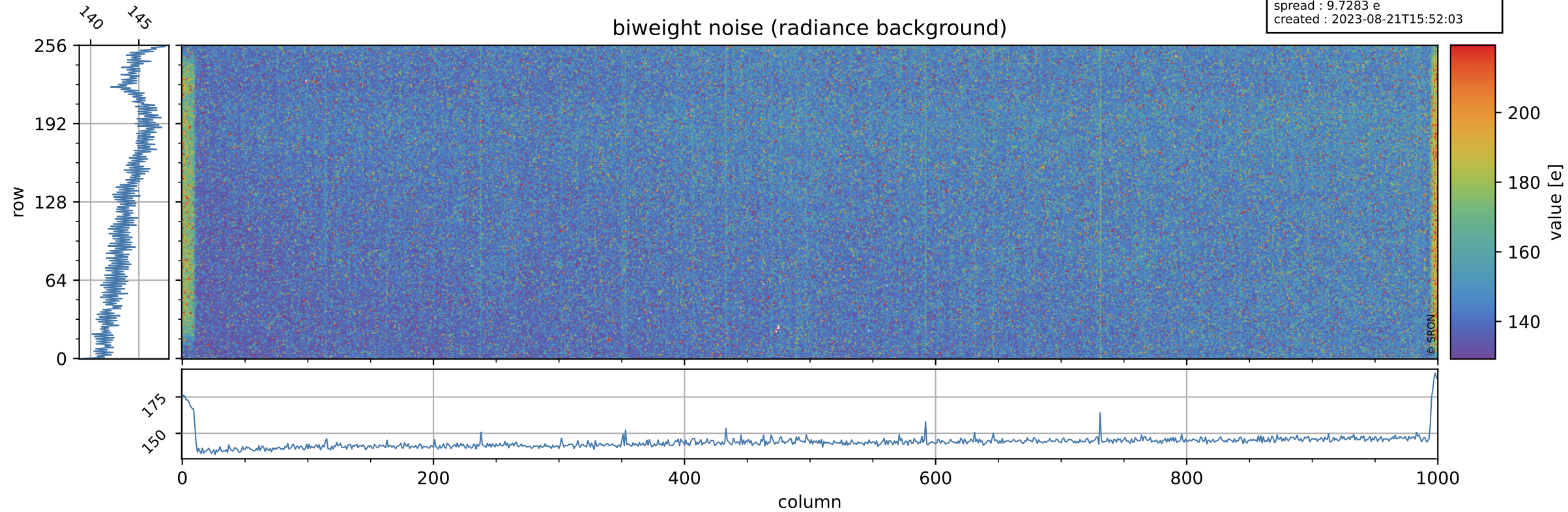
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17122, 17197]
coverage : 2021-01-31 / 2021-02-05
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.7283 e
created : 2023-08-21T15:52:03

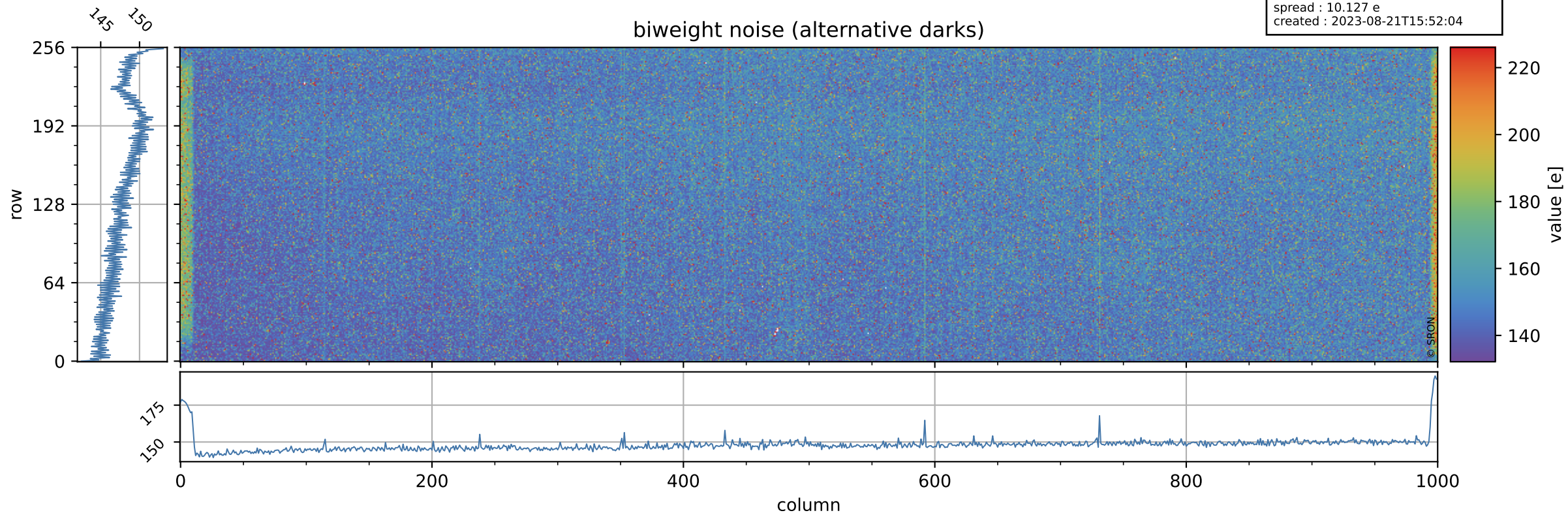
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17122, 17197]
coverage : 2021-01-31 / 2021-02-05
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.127 e
created : 2023-08-21T15:52:04

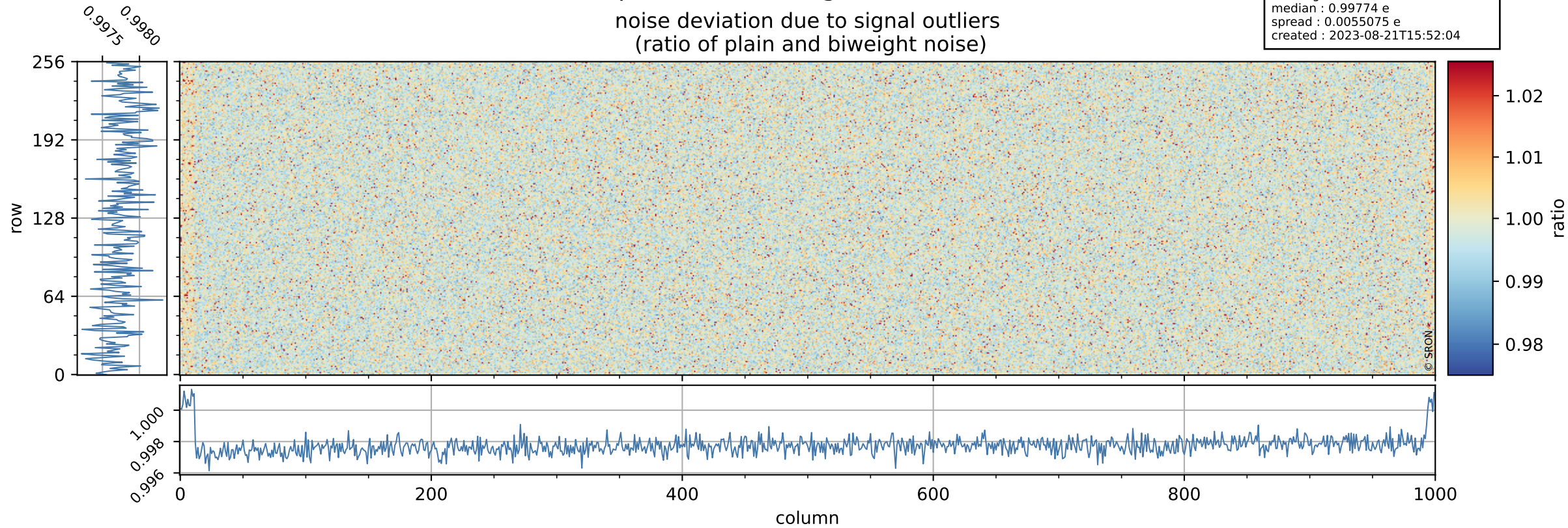
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

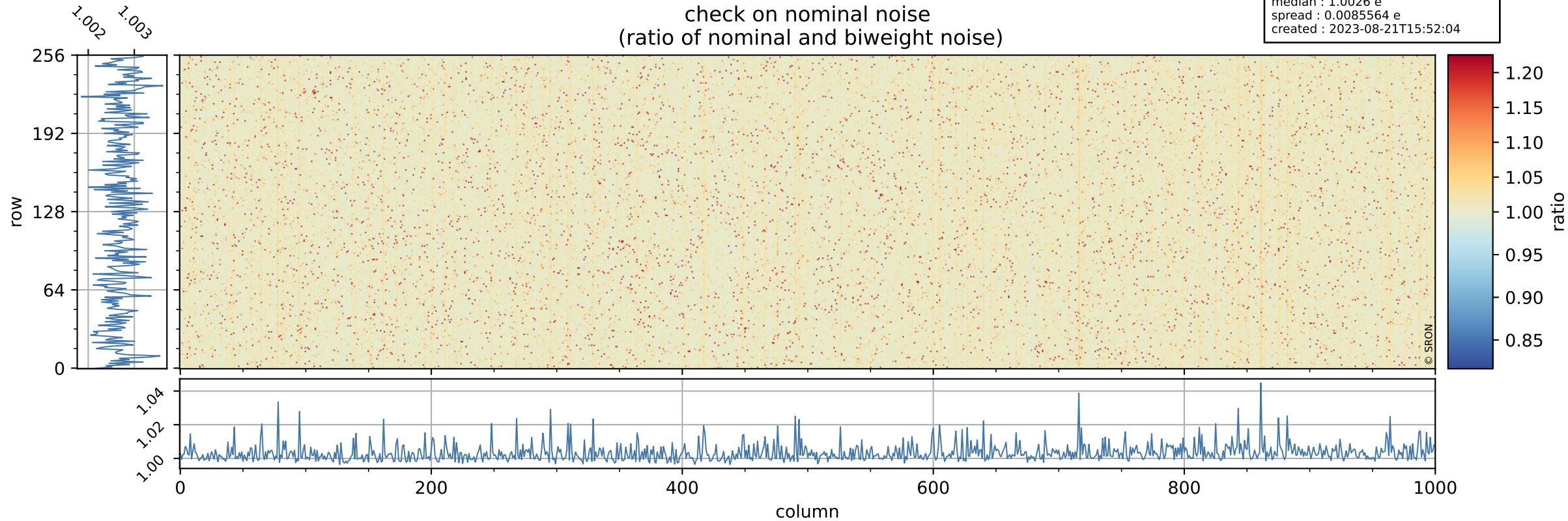
orbits : 12 in [17122, 17197]
coverage : 2021-01-31 / 2021-02-05
median : 0.99774 e
spread : 0.0055075 e
created : 2023-08-21T15:52:04



Tropomi SWIR background noise (swir)

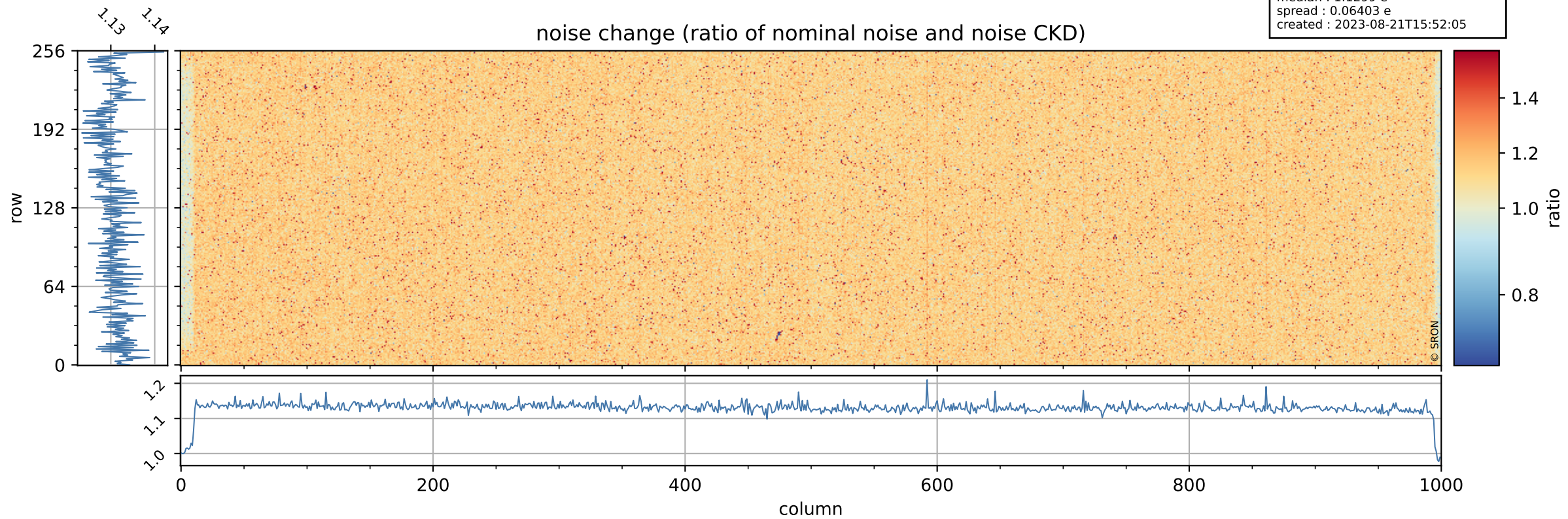
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17122, 17197]
coverage : 2021-01-31 / 2021-02-05
median : 1.0026 e
spread : 0.0085564 e
created : 2023-08-21T15:52:04



Tropomi SWIR background noise (swir)

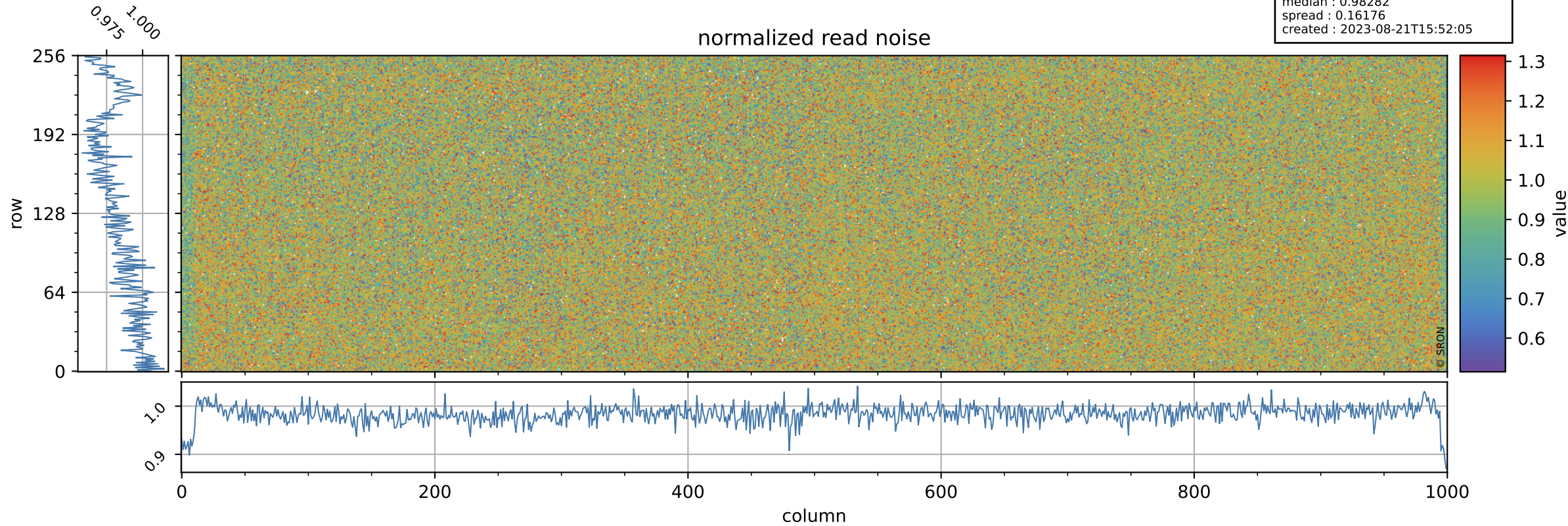
orbits : 12 in [17122, 17197]
coverage : 2021-01-31 / 2021-02-05
median : 1.1299 e
spread : 0.06403 e
created : 2023-08-21T15:52:05



Tropomi SWIR background noise (swir)

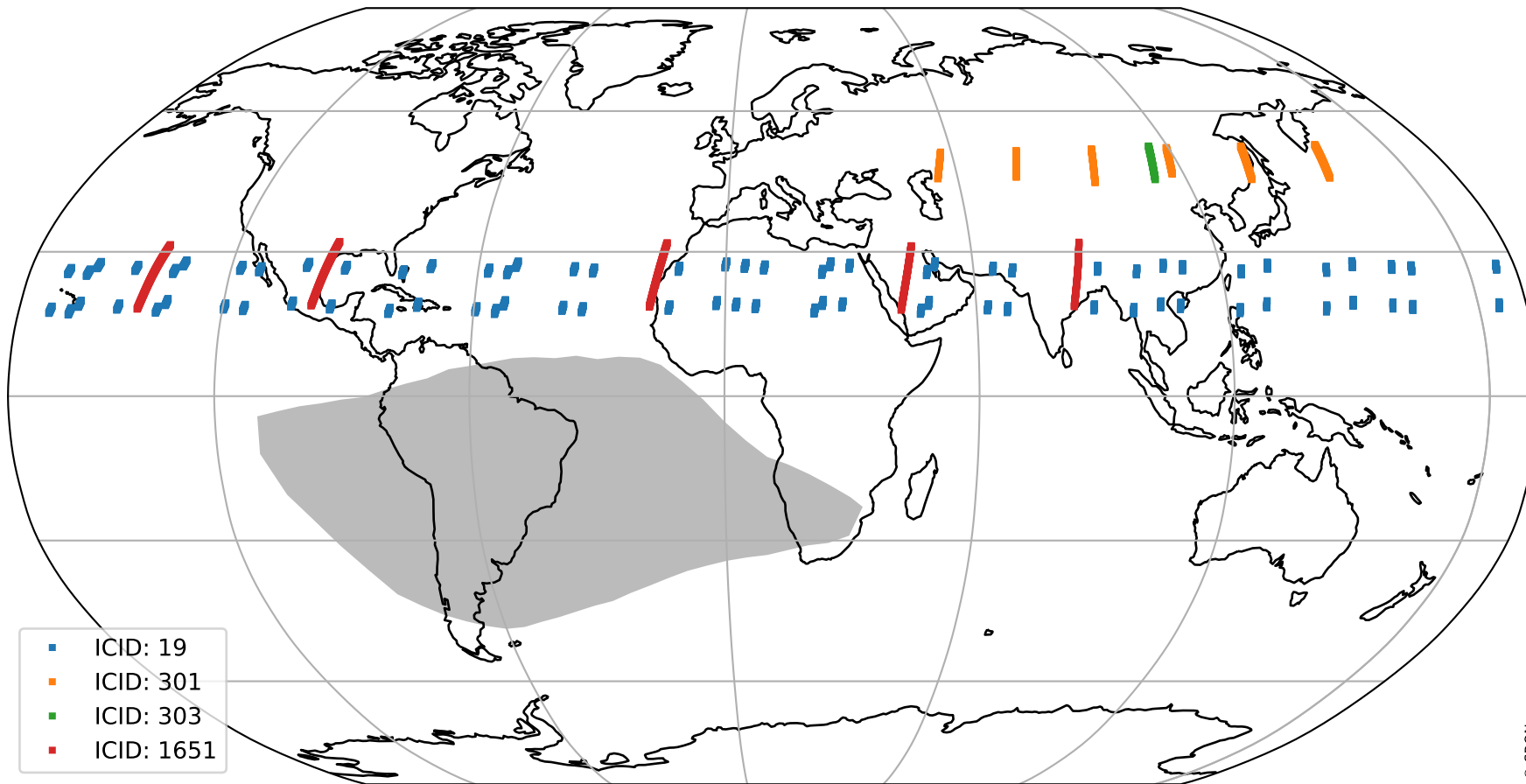
orbits : 12 in [17122, 17197]
coverage : 2021-01-31 / 2021-02-05
median : 0.98282
spread : 0.16176
created : 2023-08-21T15:52:05

normalized read noise



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

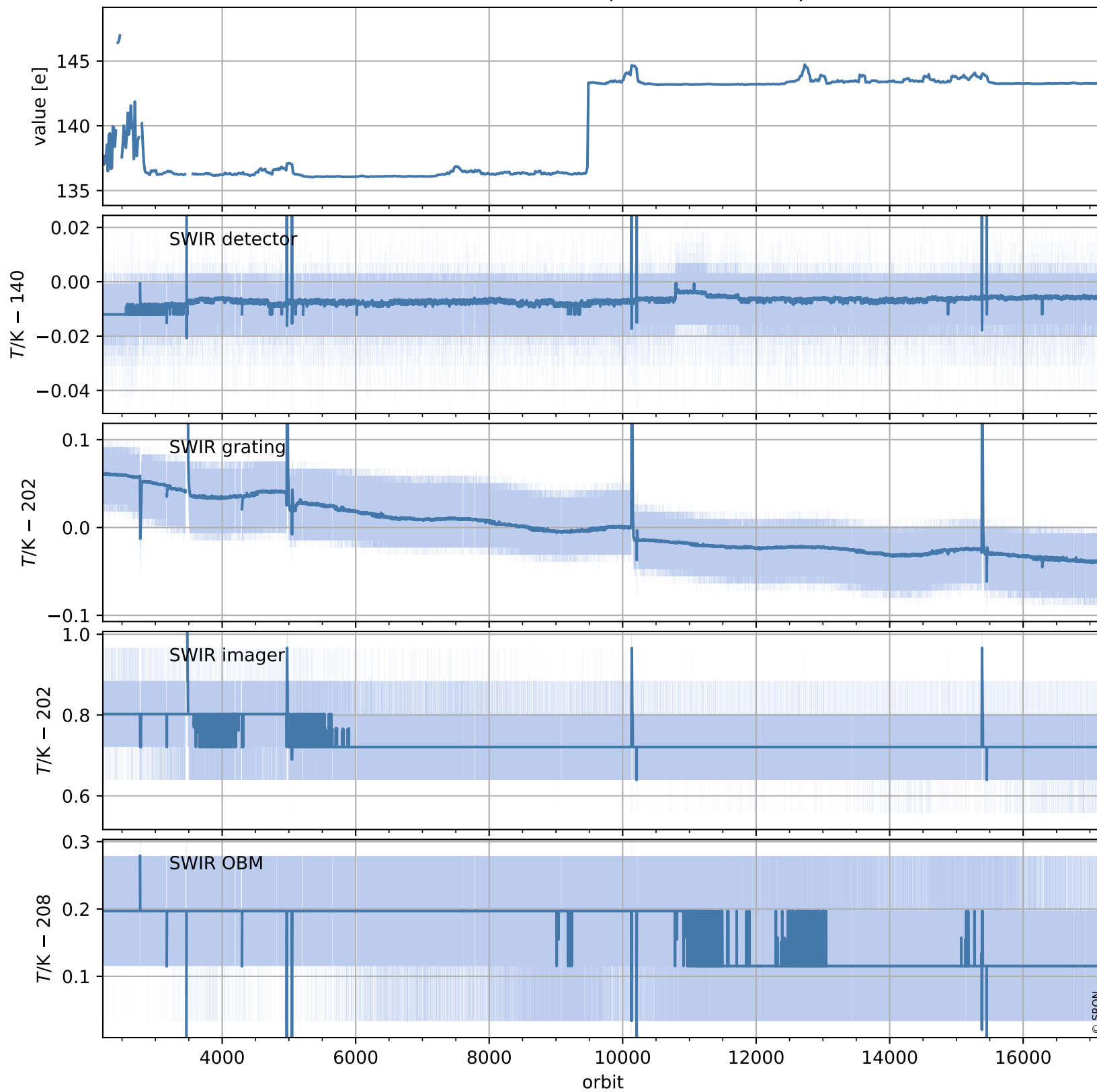
orbits : 12 in [17122, 17197]
coverage : 2021-01-31 / 2021-02-05
created : 2023-08-21T15:52:05



Tropomi SWIR background noise (swir)

orbits : [2212, 17197]
coverage : 2018-03-18 / 2021-02-05
created : 2023-08-21T15:52:05

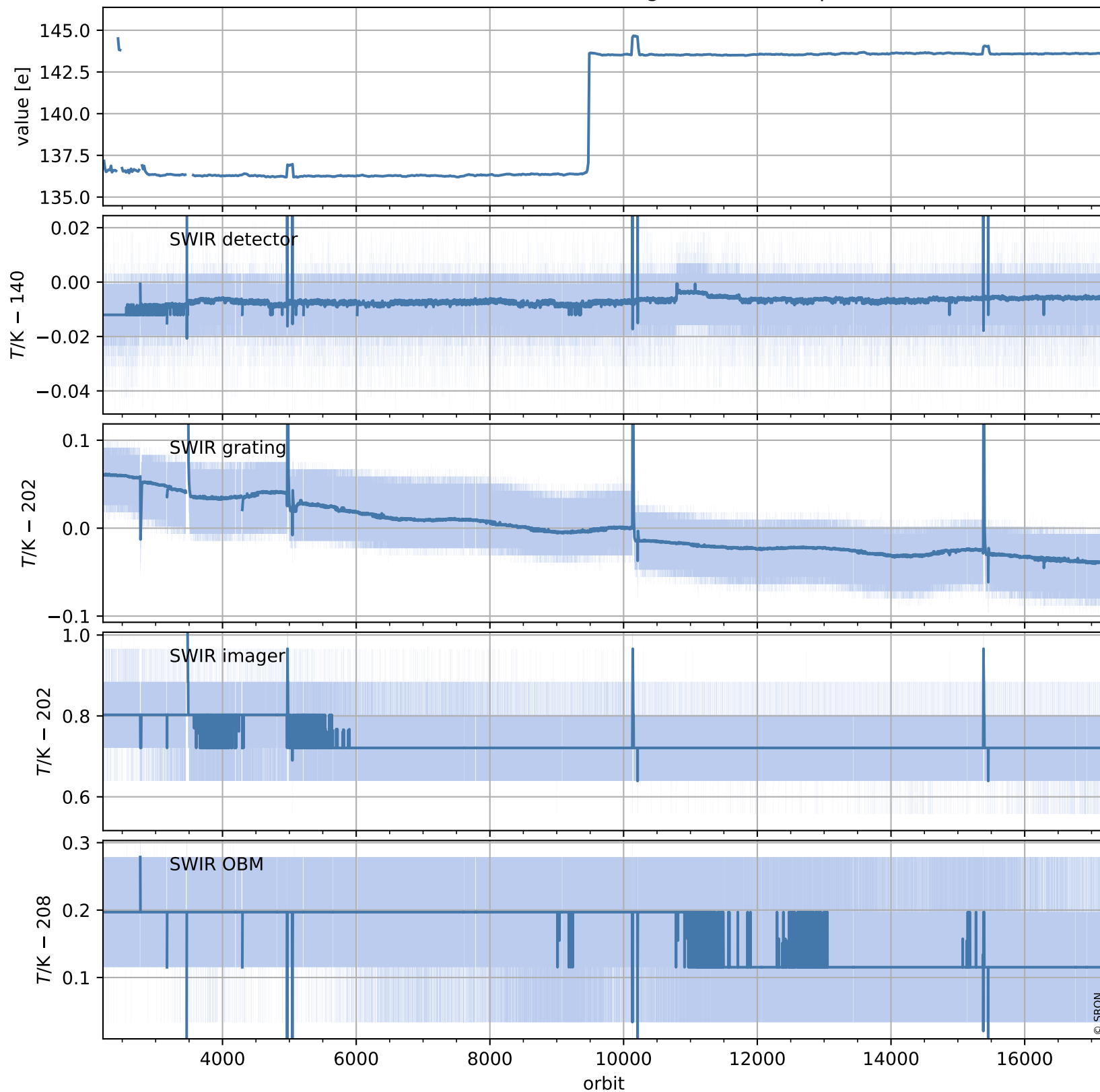
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17197]
coverage : 2018-03-18 / 2021-02-05
created : 2023-08-21T15:52:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17197]
coverage : 2018-03-18 / 2021-02-05
created : 2023-08-21T15:52:07

trend of normalized read-noise & temperatures

