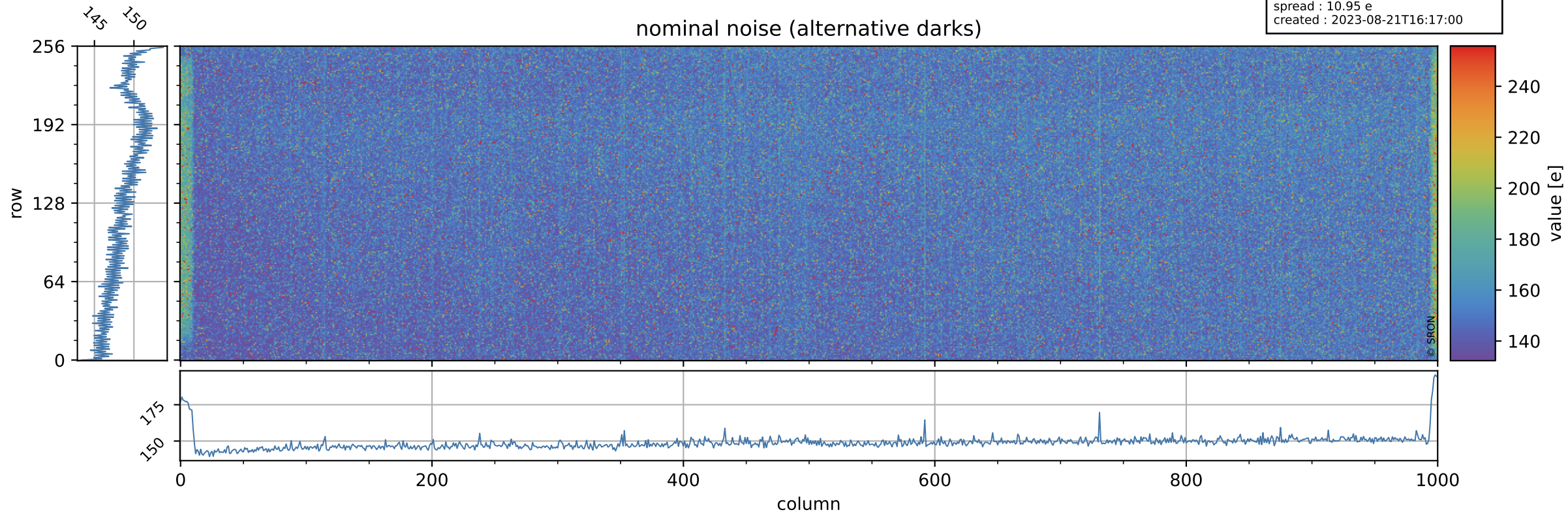


Tropomi SWIR background noise (swir)

orbits : 10 in [21277, 21337]
coverage : 2021-11-20 / 2021-11-23
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.95 e
created : 2023-08-21T16:17:00

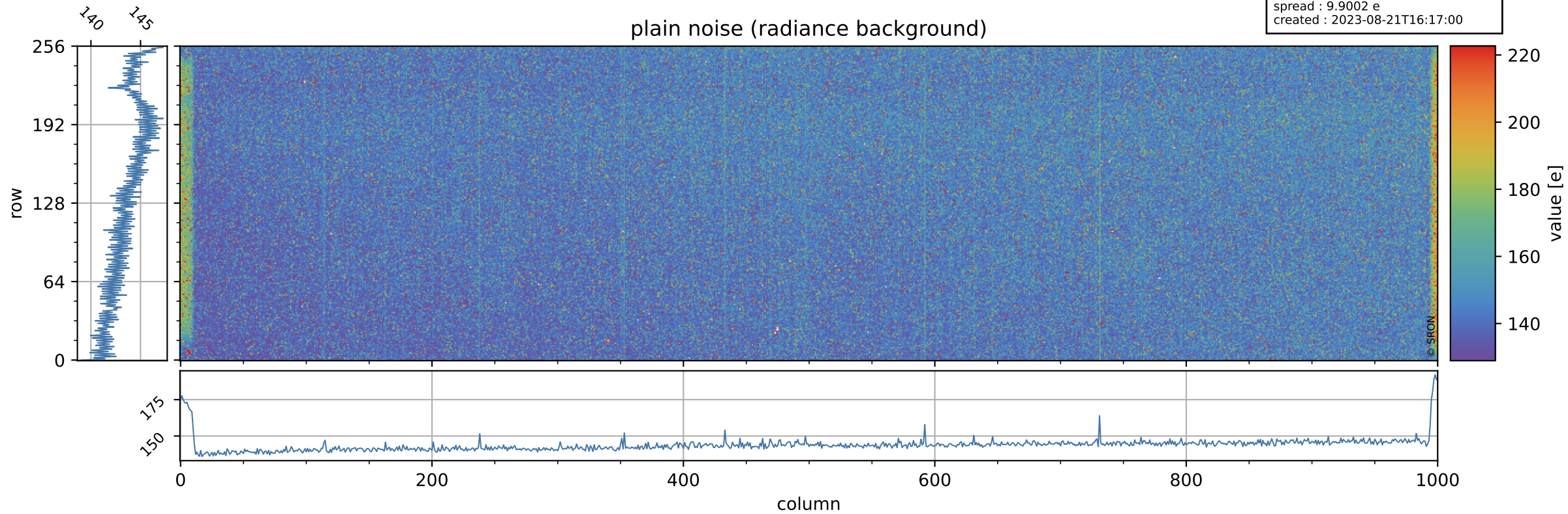
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 10 in [21277, 21337]
coverage : 2021-11-20 / 2021-11-23
n_coad, t_exp : 1, 0.8383
median : 143.56 e
spread : 9.9002 e
created : 2023-08-21T16:17:00

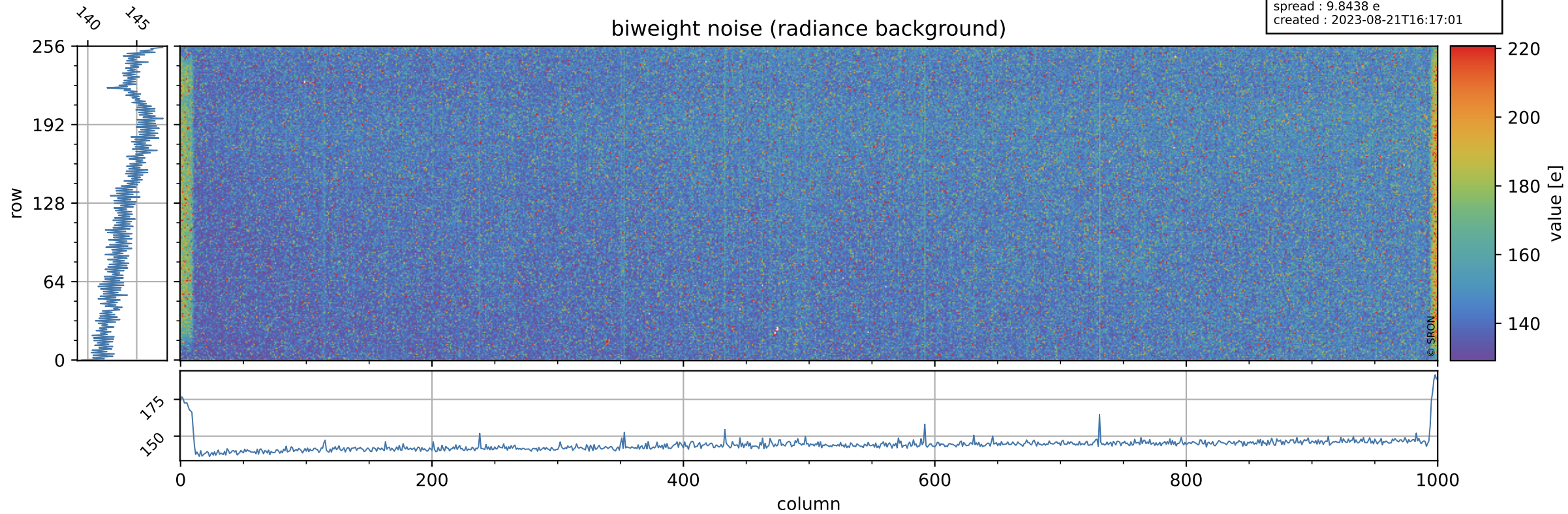
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [21277, 21337]
coverage : 2021-11-20 / 2021-11-23
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.8438 e
created : 2023-08-21T16:17:01

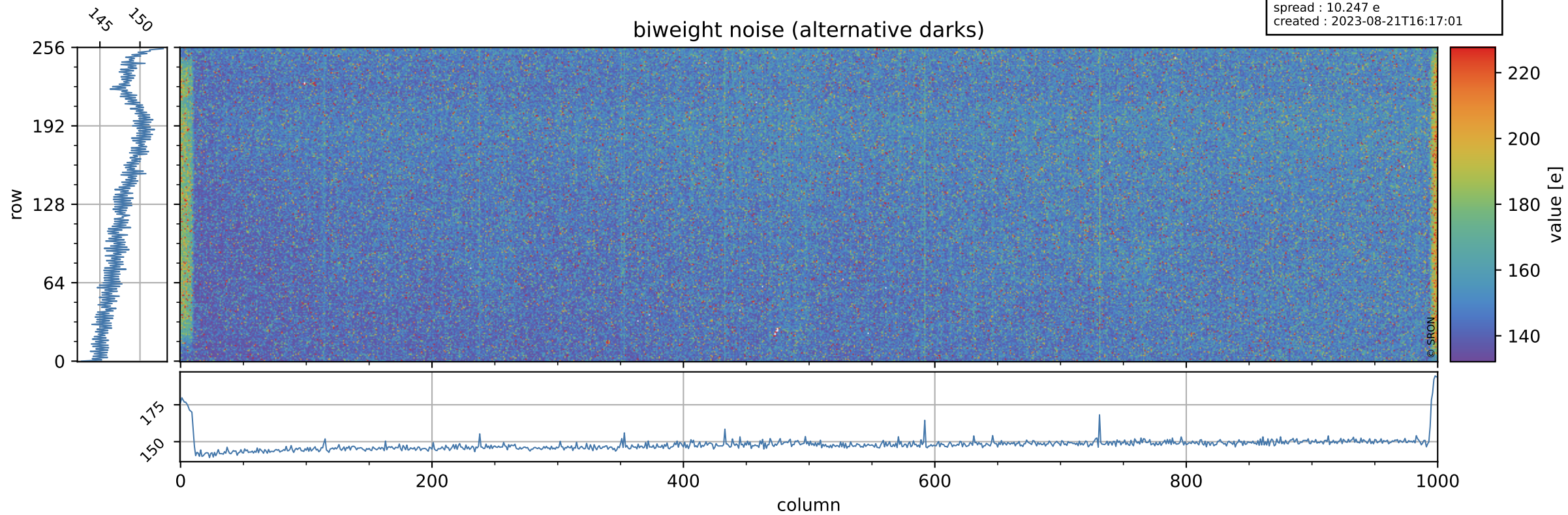
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [21277, 21337]
coverage : 2021-11-20 / 2021-11-23
n_coad, t_exp : 1, 1.0783
median : 147.83 e
spread : 10.247 e
created : 2023-08-21T16:17:01

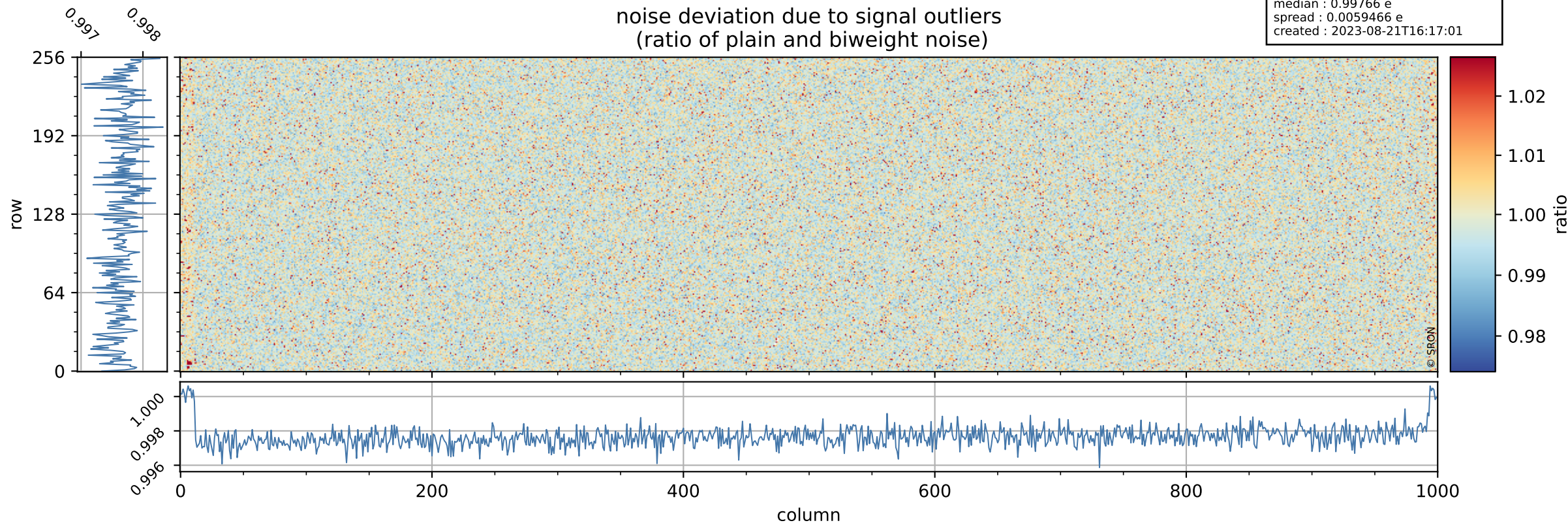
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

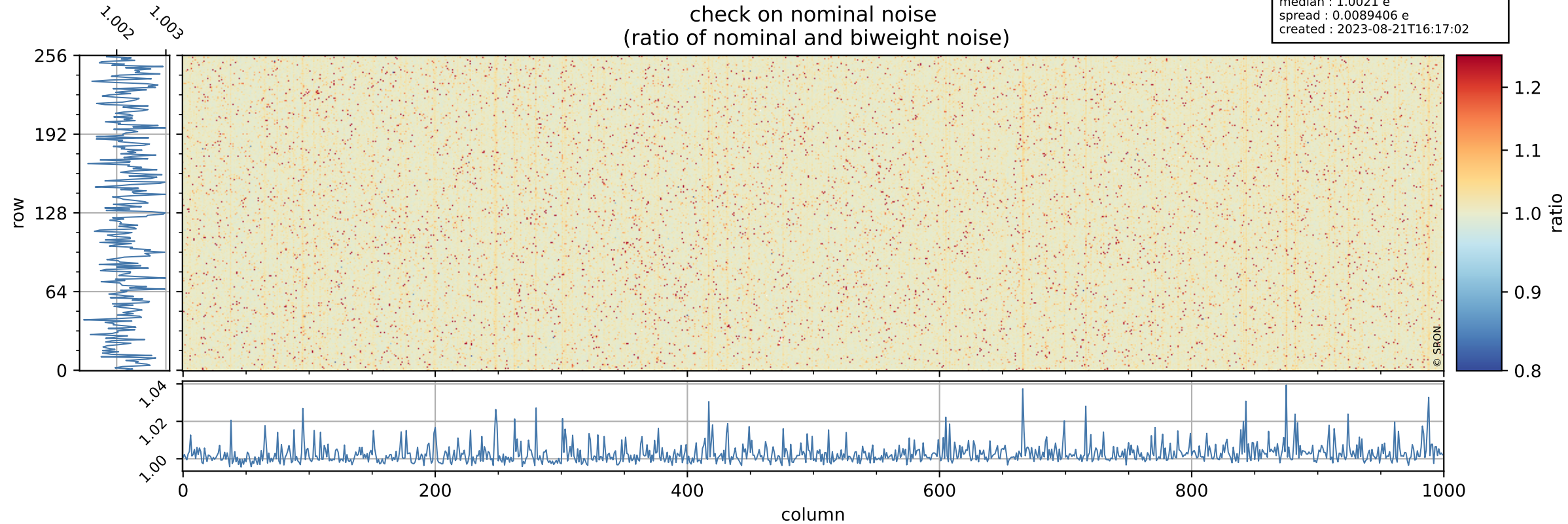
orbits : 10 in [21277, 21337]
coverage : 2021-11-20 / 2021-11-23
median : 0.99766 e
spread : 0.0059466 e
created : 2023-08-21T16:17:01



Tropomi SWIR background noise (swir)

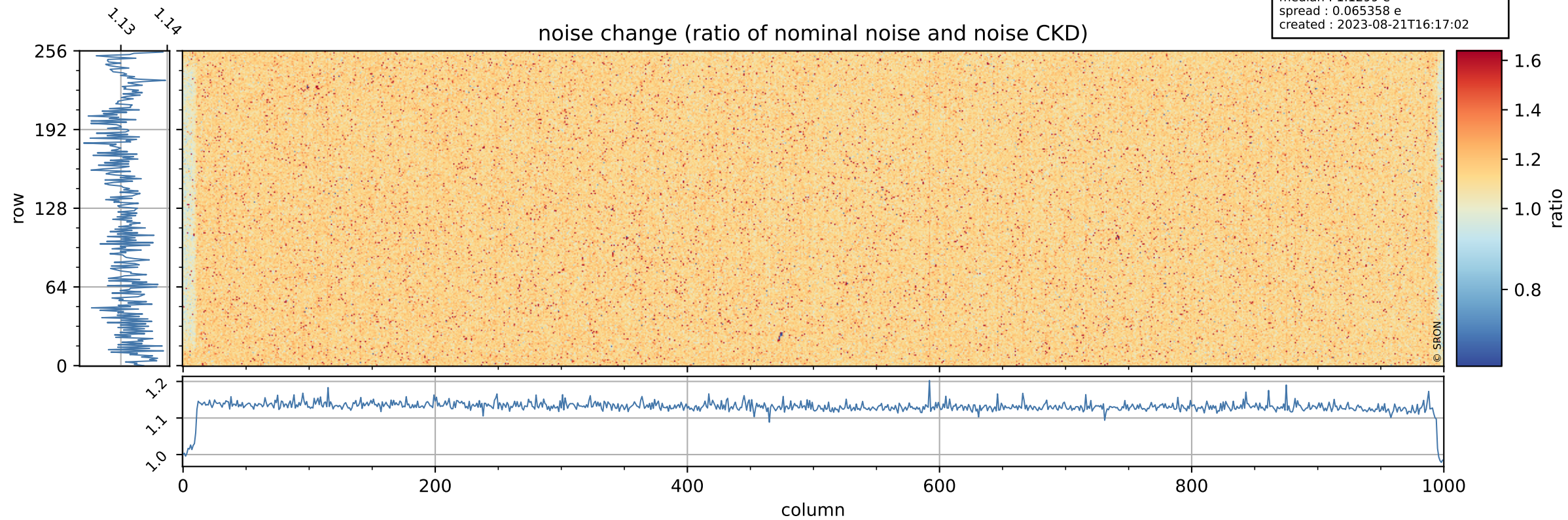
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 10 in [21277, 21337]
coverage : 2021-11-20 / 2021-11-23
median : 1.0021 e
spread : 0.0089406 e
created : 2023-08-21T16:17:02



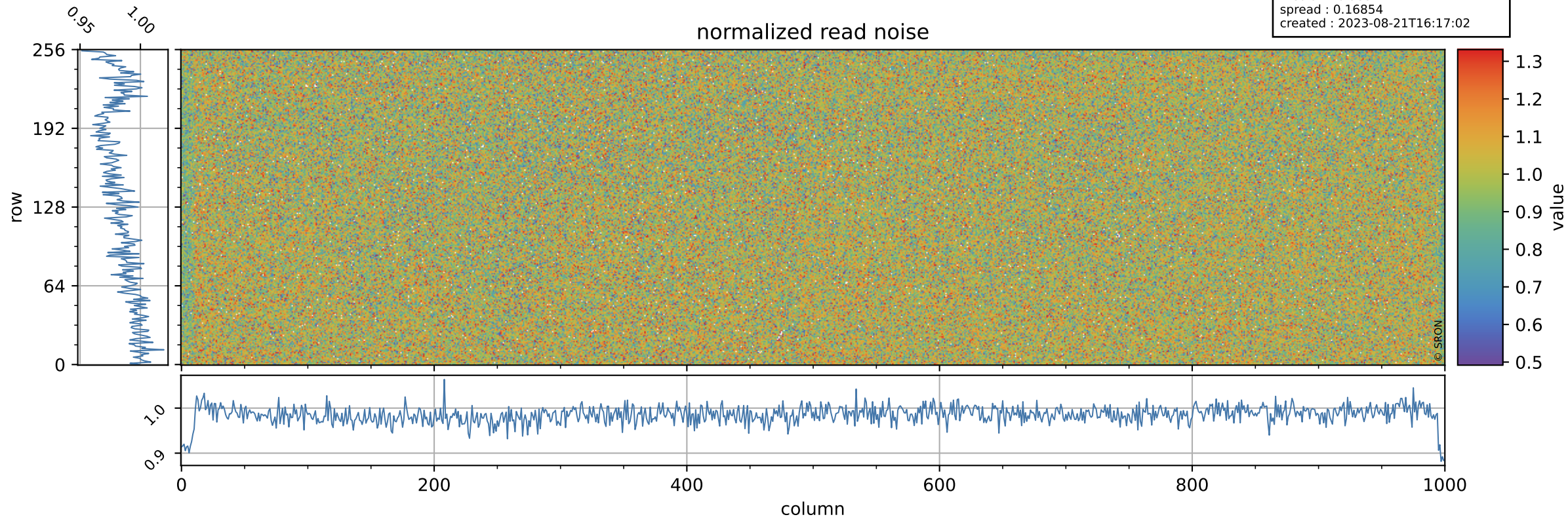
Tropomi SWIR background noise (swir)

orbits : 10 in [21277, 21337]
coverage : 2021-11-20 / 2021-11-23
median : 1.1299 e
spread : 0.065358 e
created : 2023-08-21T16:17:02



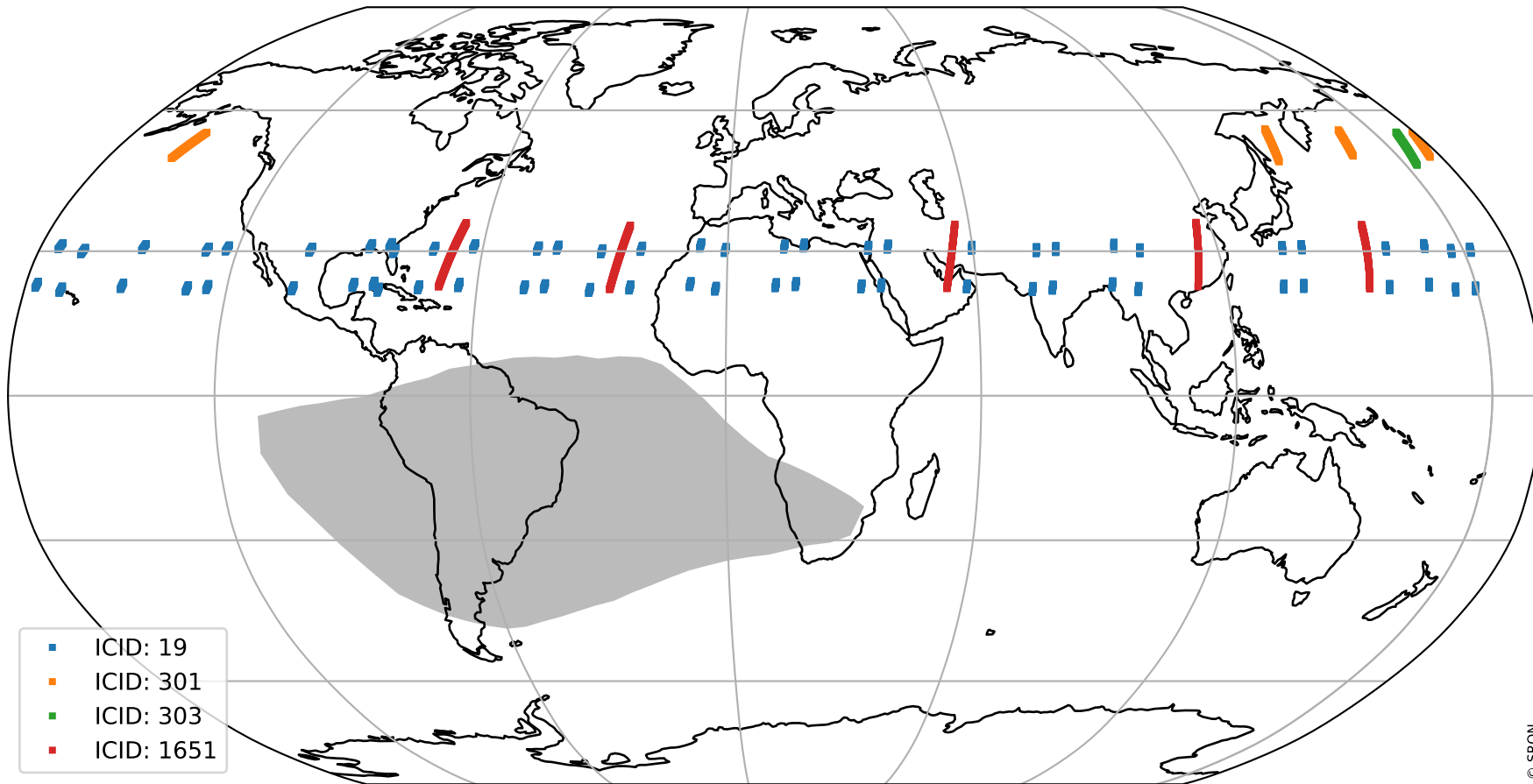
Tropomi SWIR background noise (swir)

orbits : 10 in [21277, 21337]
coverage : 2021-11-20 / 2021-11-23
median : 0.98371
spread : 0.16854
created : 2023-08-21T16:17:02



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

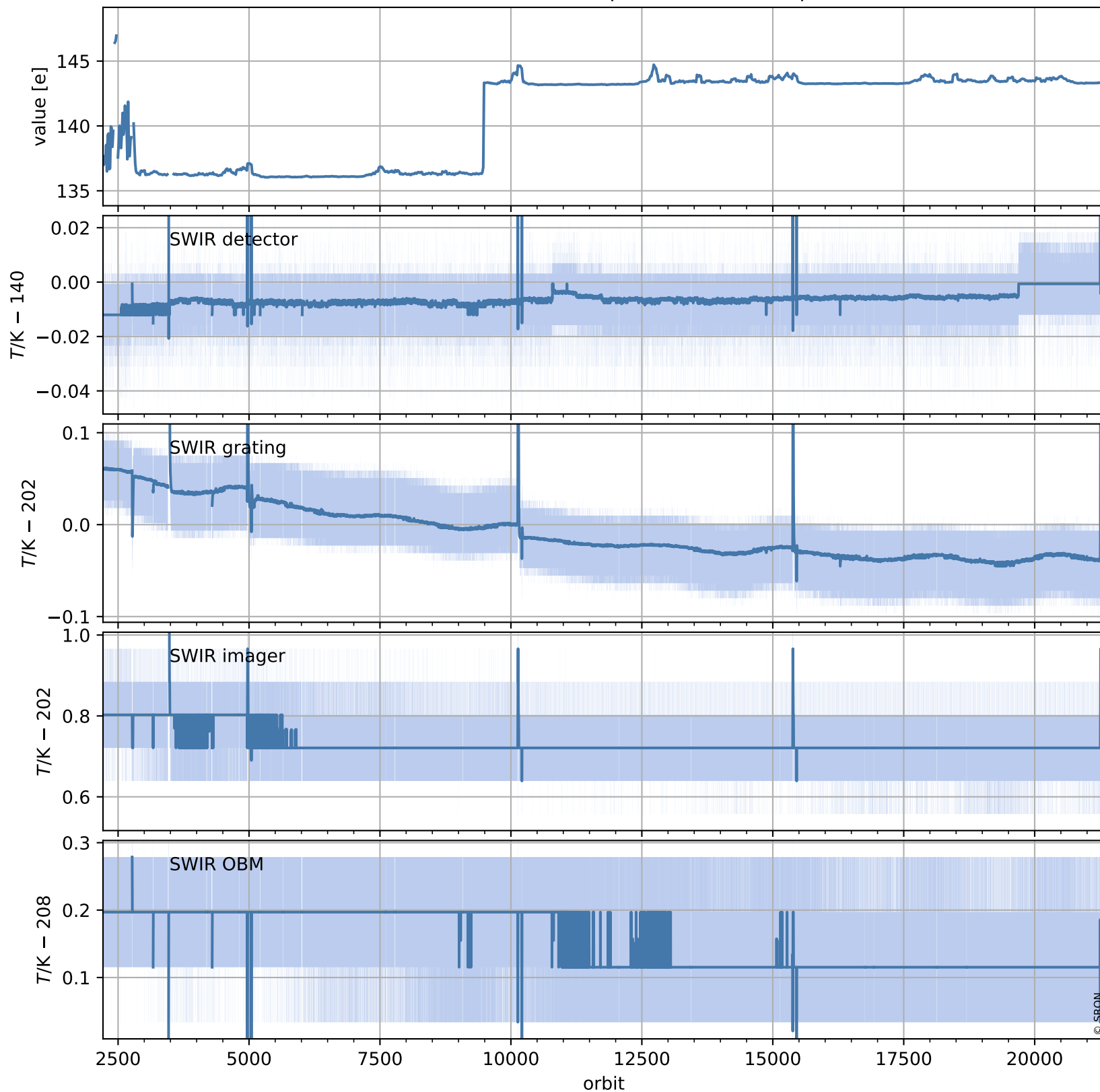
orbits : 10 in [21277, 21337]
coverage : 2021-11-20 / 2021-11-23
created : 2023-08-21T16:17:02



Tropomi SWIR background noise (swir)

orbits : [2212, 21337]
coverage : 2018-03-18 / 2021-11-23
created : 2023-08-21T16:17:03

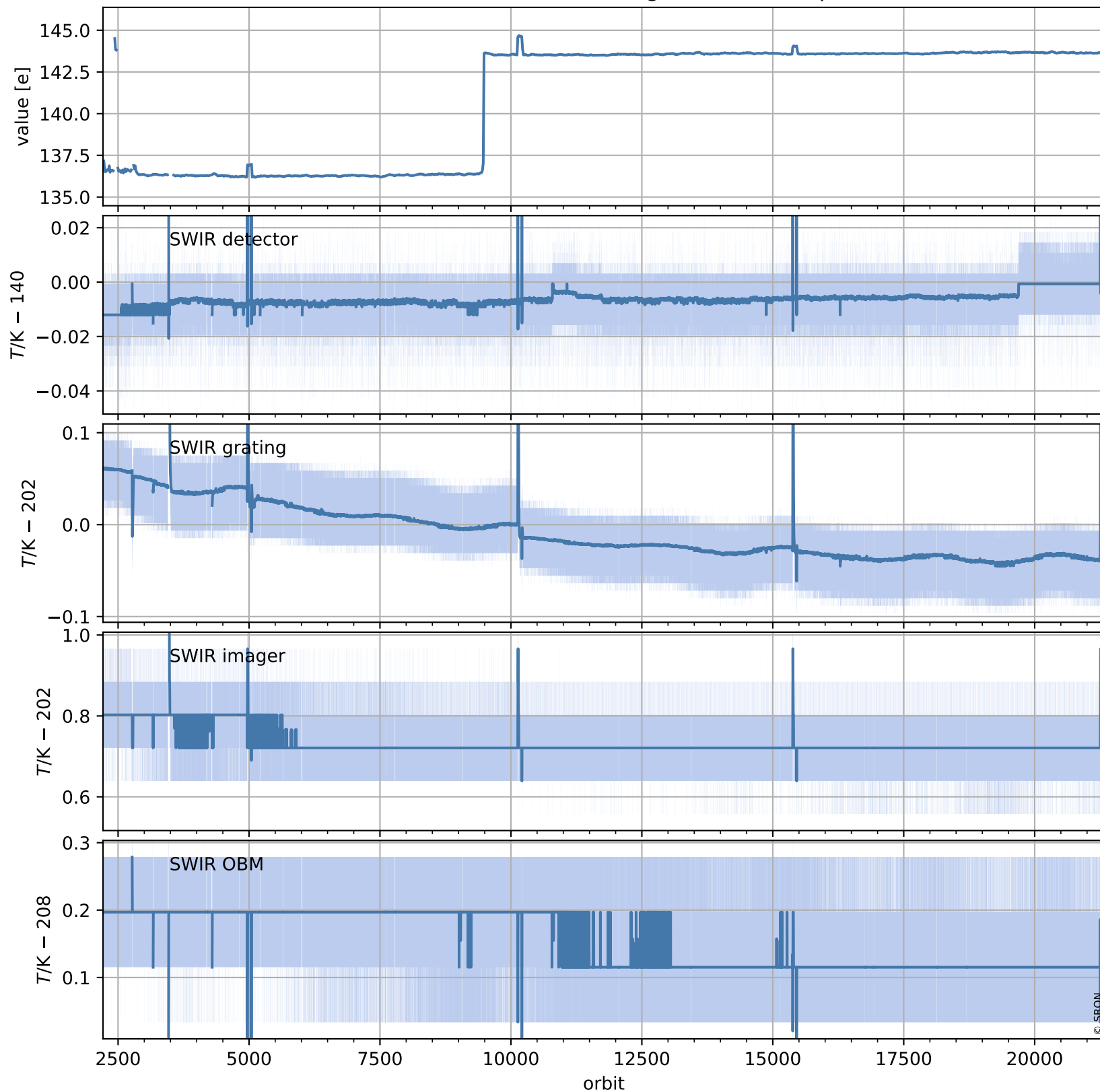
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21337]
coverage : 2018-03-18 / 2021-11-23
created : 2023-08-21T16:17:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21337]
coverage : 2018-03-18 / 2021-11-23
created : 2023-08-21T16:17:04

trend of normalized read-noise & temperatures

