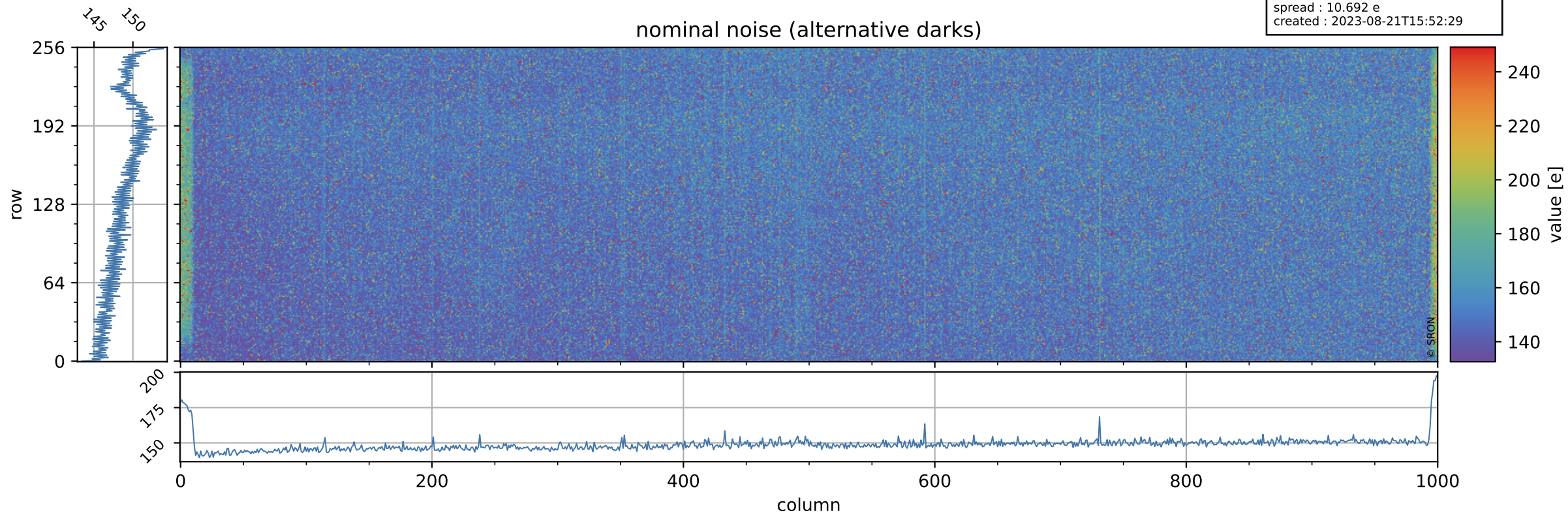


Tropomi SWIR background noise (swir)

orbits : 13 in [17182, 17272]
coverage : 2021-02-05 / 2021-02-11
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.692 e
created : 2023-08-21T15:52:29

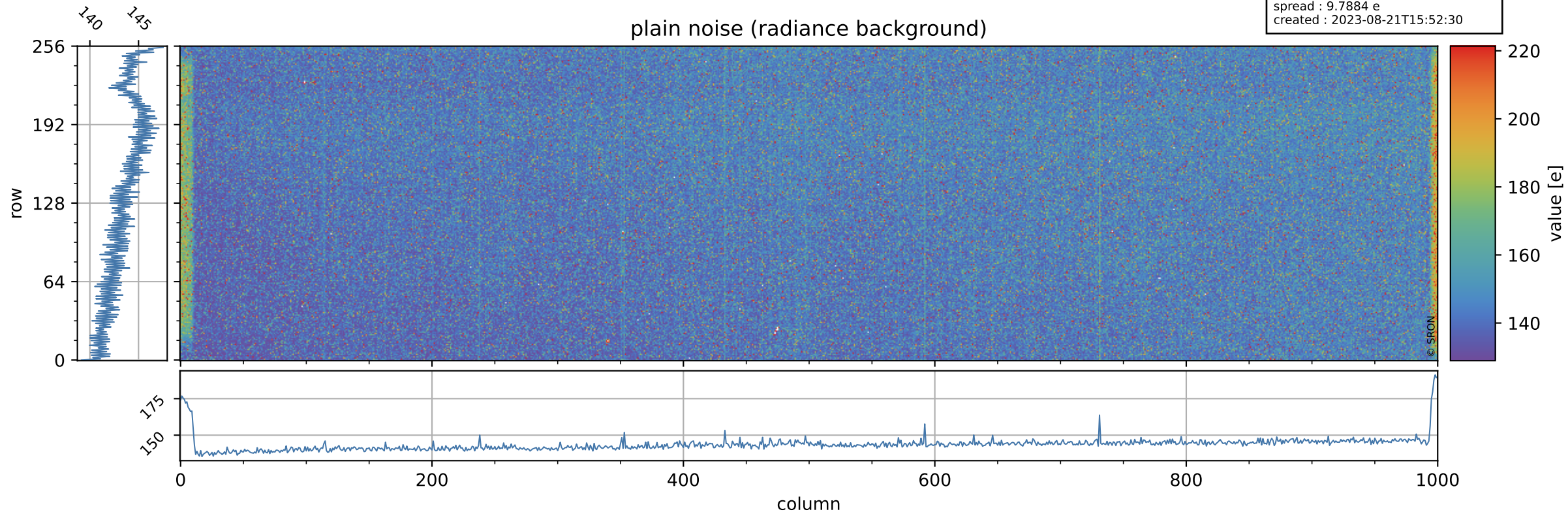
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [17182, 17272]
coverage : 2021-02-05 / 2021-02-11
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7884 e
created : 2023-08-21T15:52:30

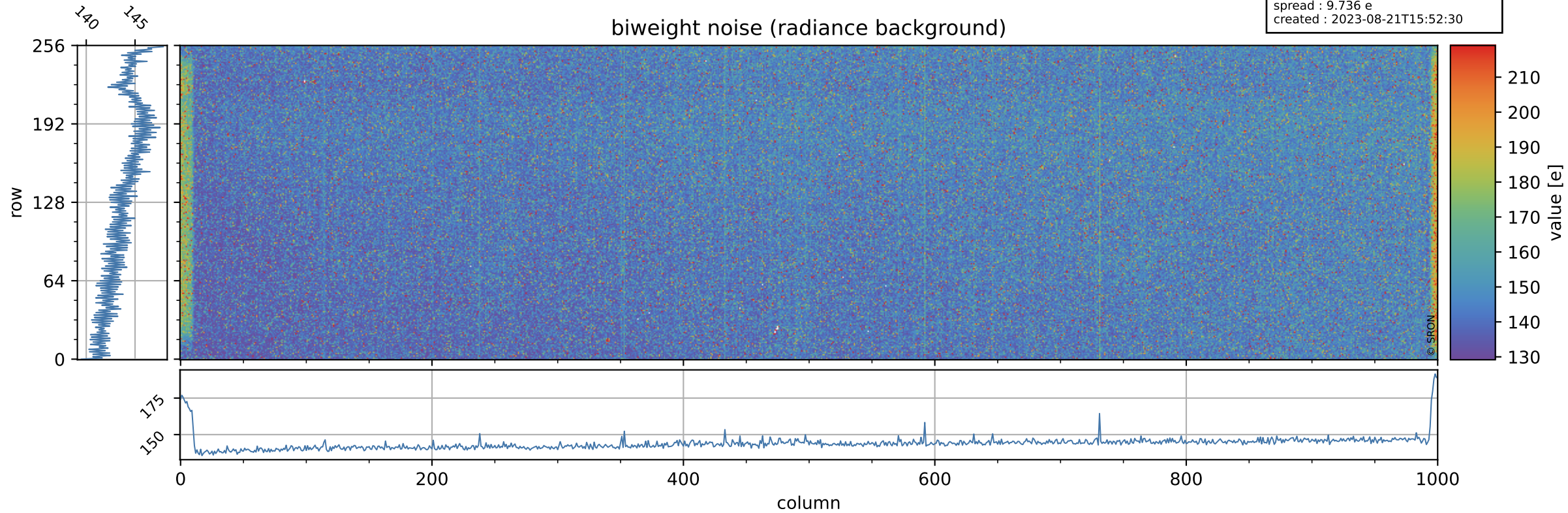
plain noise (radiance background)



Tropomi SWIR background noise (swir)

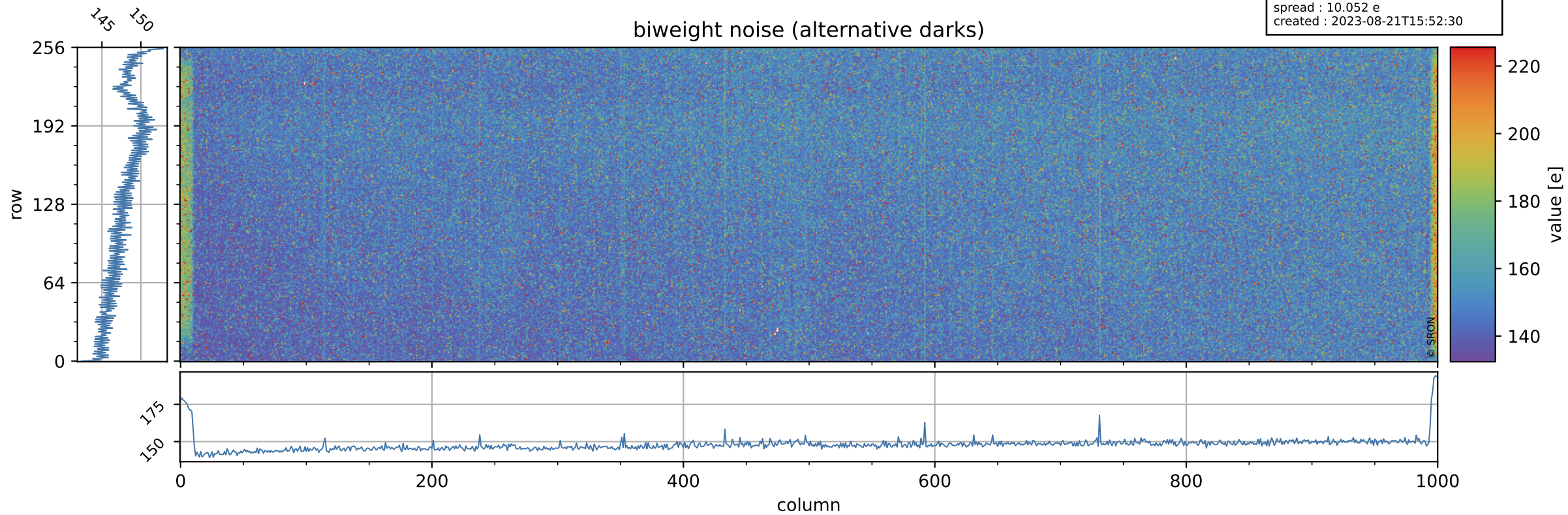
orbits : 13 in [17182, 17272]
coverage : 2021-02-05 / 2021-02-11
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.736 e
created : 2023-08-21T15:52:30

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

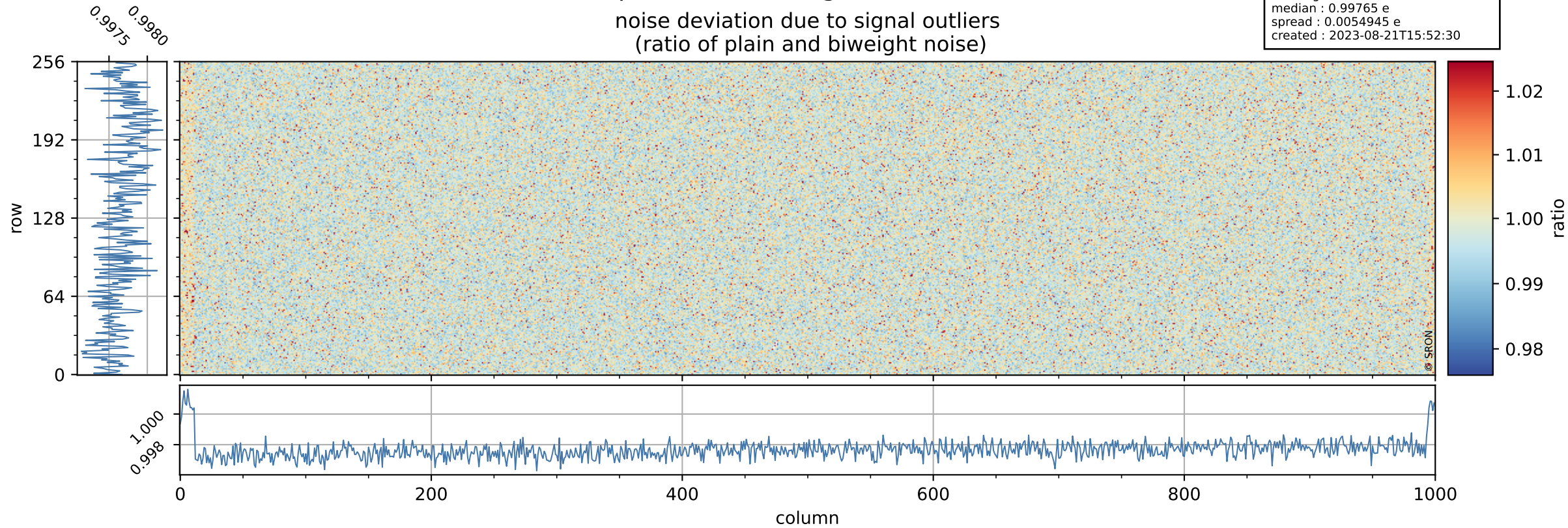
orbits : 13 in [17182, 17272]
coverage : 2021-02-05 / 2021-02-11
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.052 e
created : 2023-08-21T15:52:30



Tropomi SWIR background noise (swir)

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

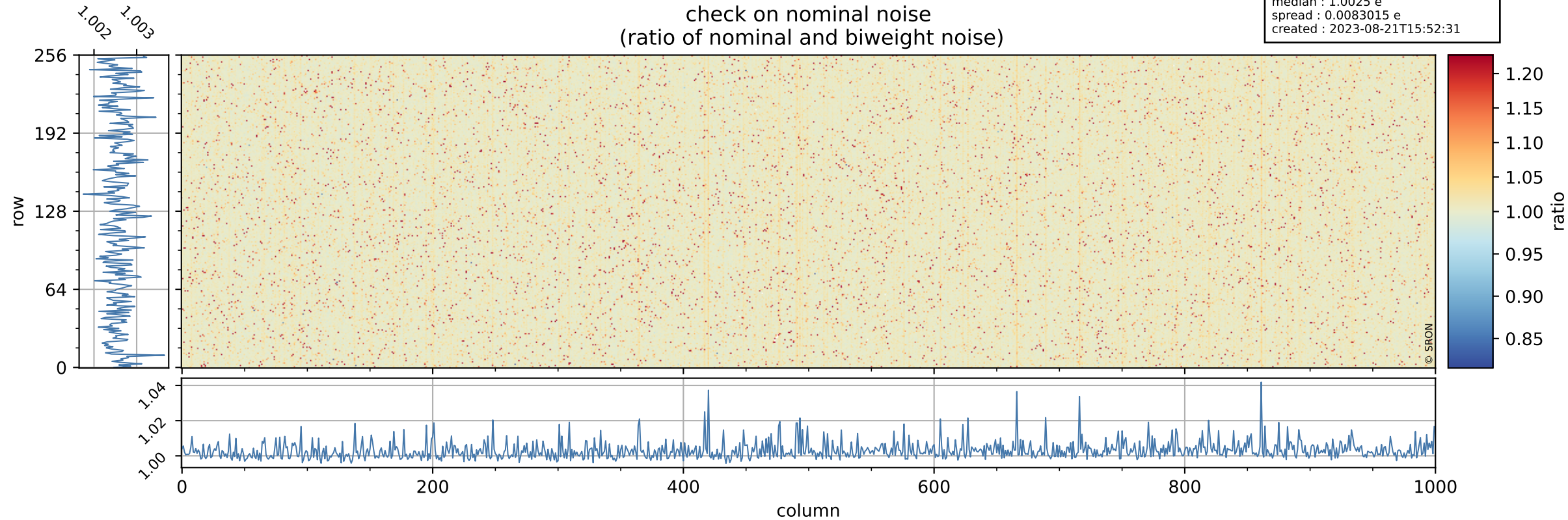
orbits : 13 in [17182, 17272]
coverage : 2021-02-05 / 2021-02-11
median : 0.99765 e
spread : 0.0054945 e
created : 2023-08-21T15:52:30



Tropomi SWIR background noise (swir)

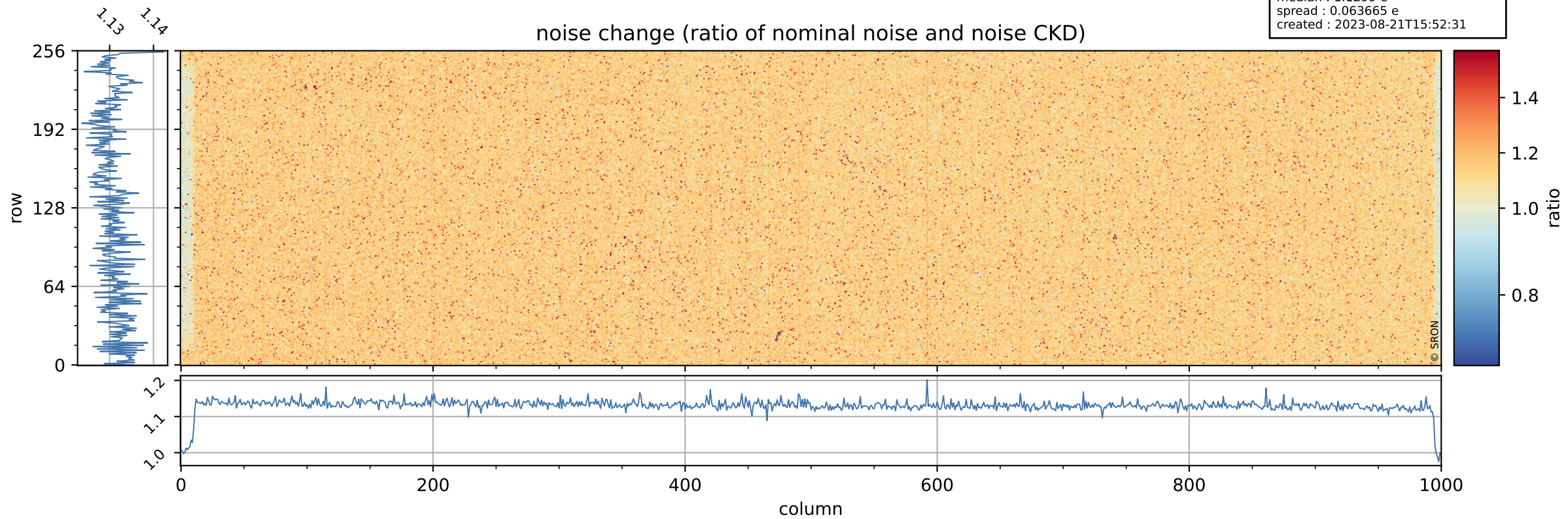
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [17182, 17272]
coverage : 2021-02-05 / 2021-02-11
median : 1.0025 e
spread : 0.0083015 e
created : 2023-08-21T15:52:31



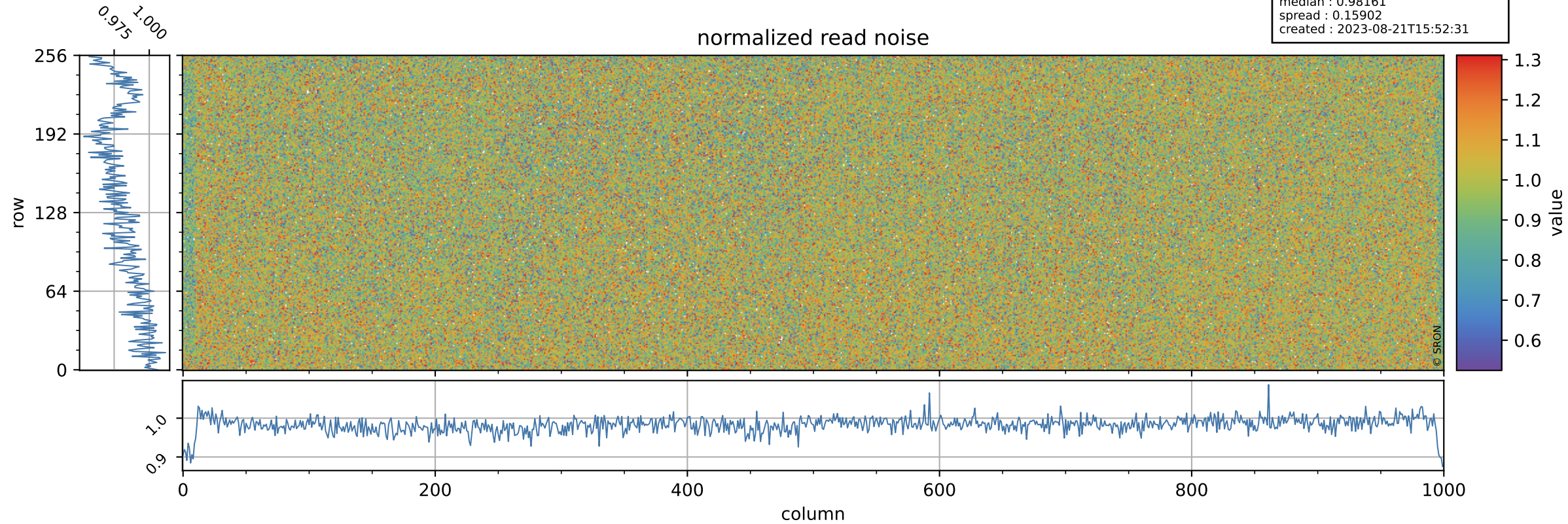
Tropomi SWIR background noise (swir)

orbits : 13 in [17182, 17272]
coverage : 2021-02-05 / 2021-02-11
median : 1.1299 e
spread : 0.063665 e
created : 2023-08-21T15:52:31



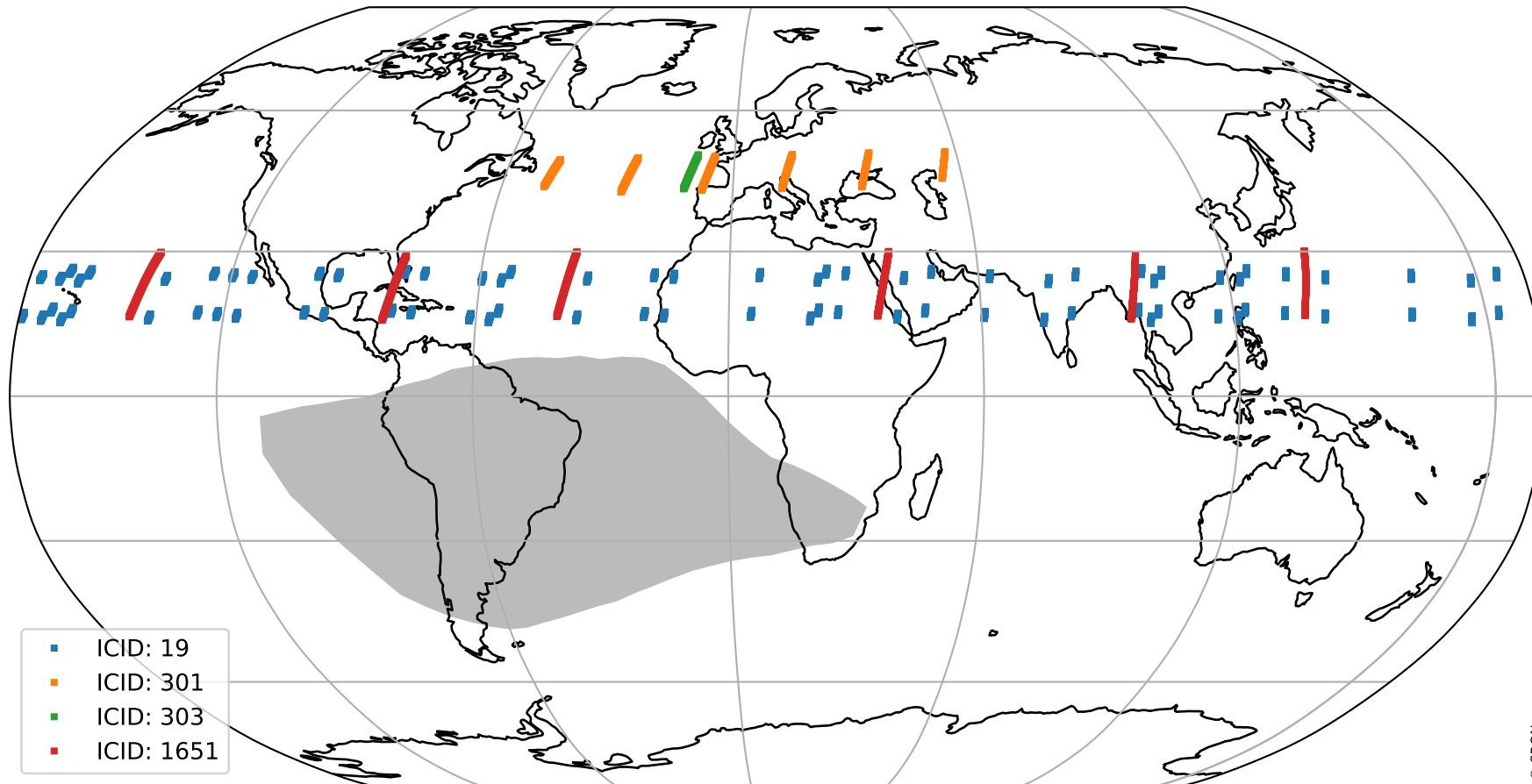
Tropomi SWIR background noise (swir)

orbits : 13 in [17182, 17272]
coverage : 2021-02-05 / 2021-02-11
median : 0.98161
spread : 0.15902
created : 2023-08-21T15:52:31



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

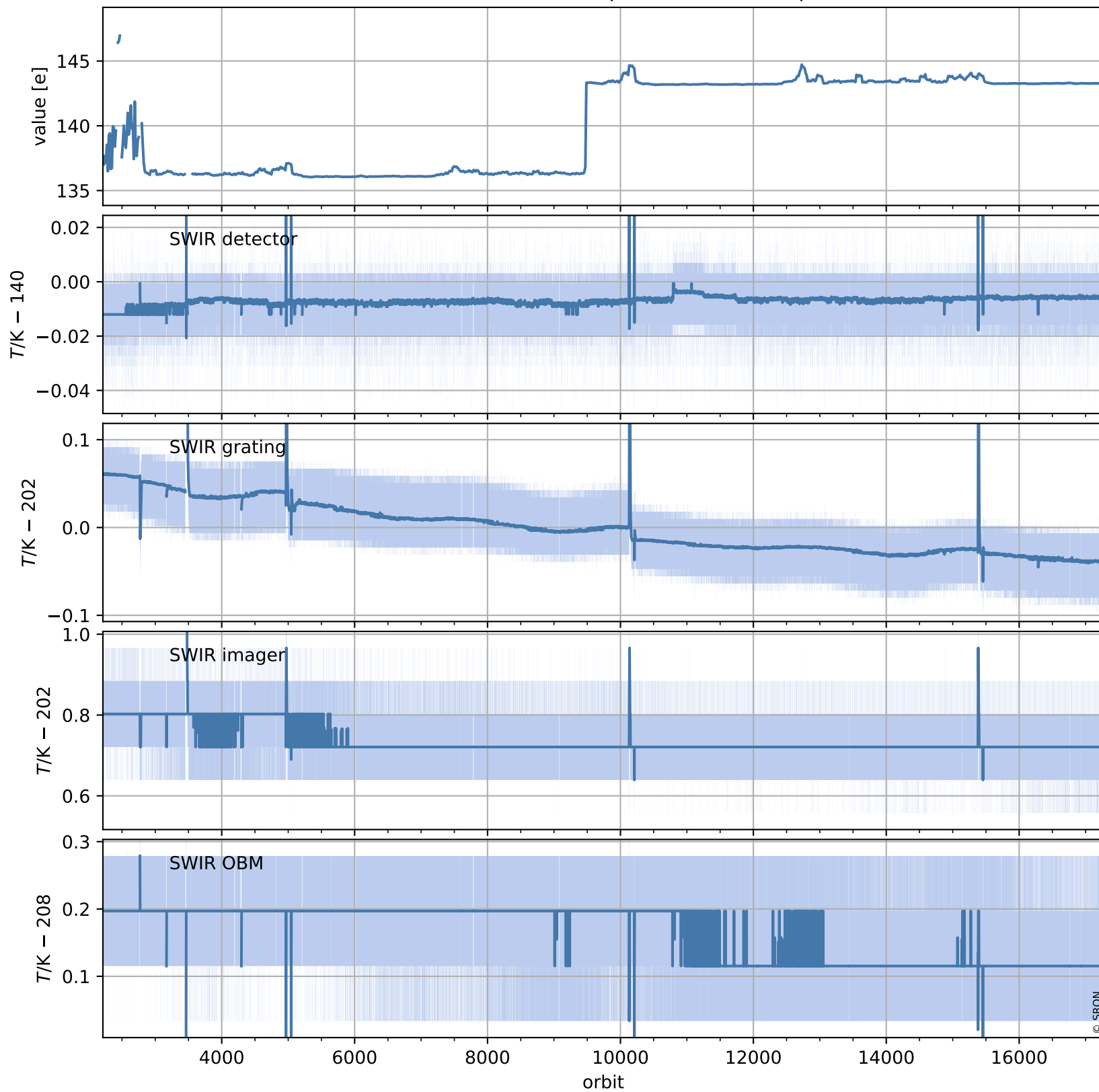
orbits : 13 in [17182, 17272]
coverage : 2021-02-05 / 2021-02-11
created : 2023-08-21T15:52:31



Tropomi SWIR background noise (swir)

orbits : [2212, 17272]
coverage : 2018-03-18 / 2021-02-11
created : 2023-08-21T15:52:32

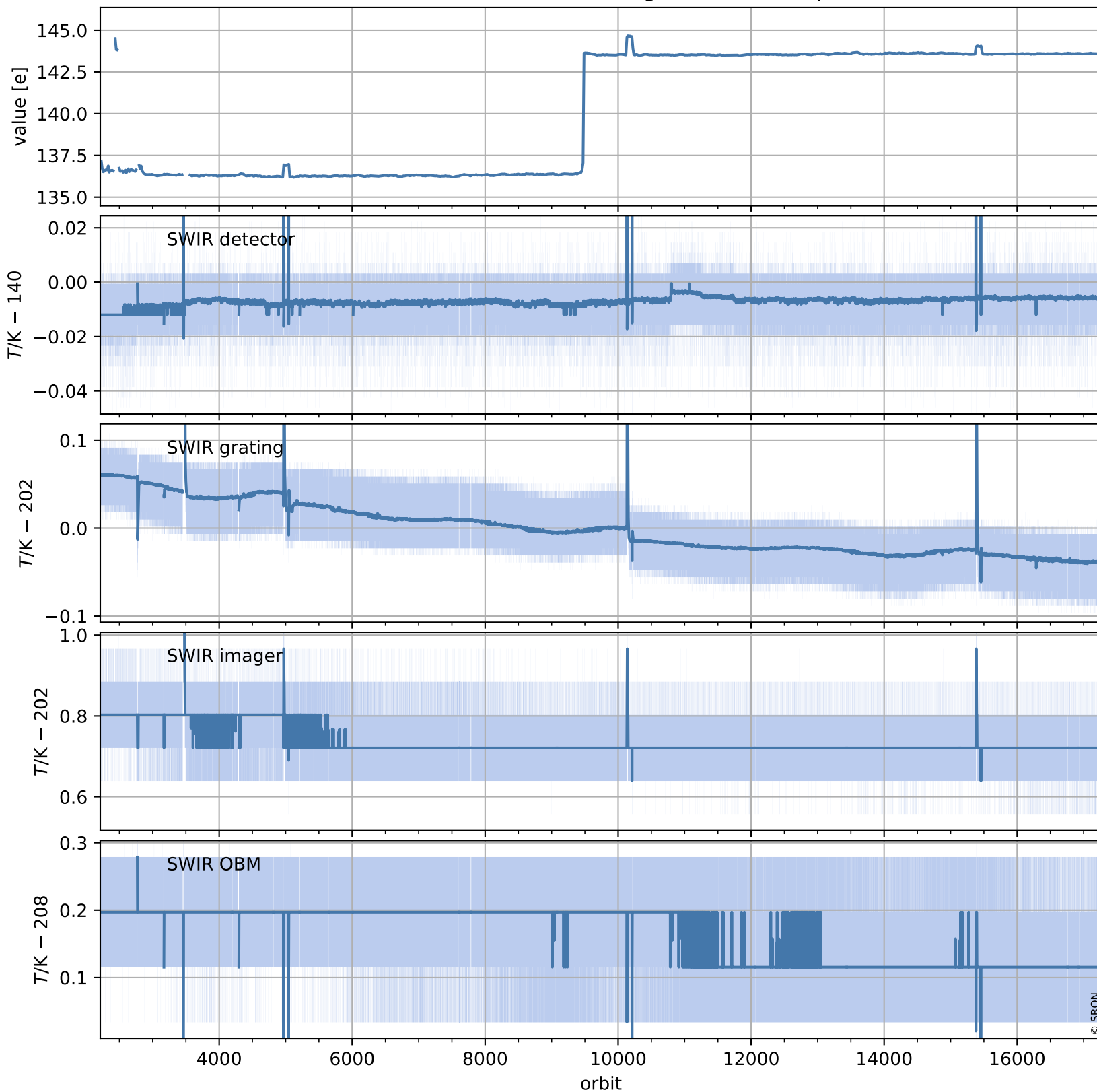
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17272]
coverage : 2018-03-18 / 2021-02-11
created : 2023-08-21T15:52:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17272]
coverage : 2018-03-18 / 2021-02-11
created : 2023-08-21T15:52:33

trend of normalized read-noise & temperatures

