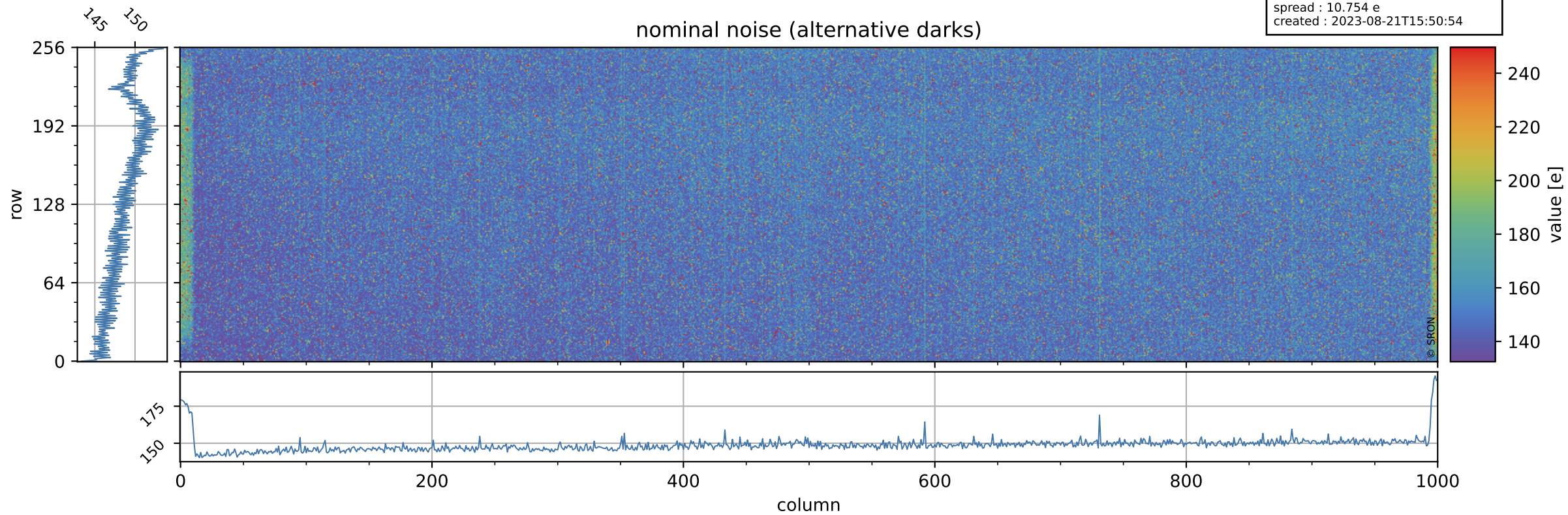


Tropomi SWIR background noise (swir)

orbits : 12 in [16912, 17002]
coverage : 2021-01-17 / 2021-01-23
n_coad, t_exp : 1, 1.0783
median : 148.6 e
spread : 10.754 e
created : 2023-08-21T15:50:54

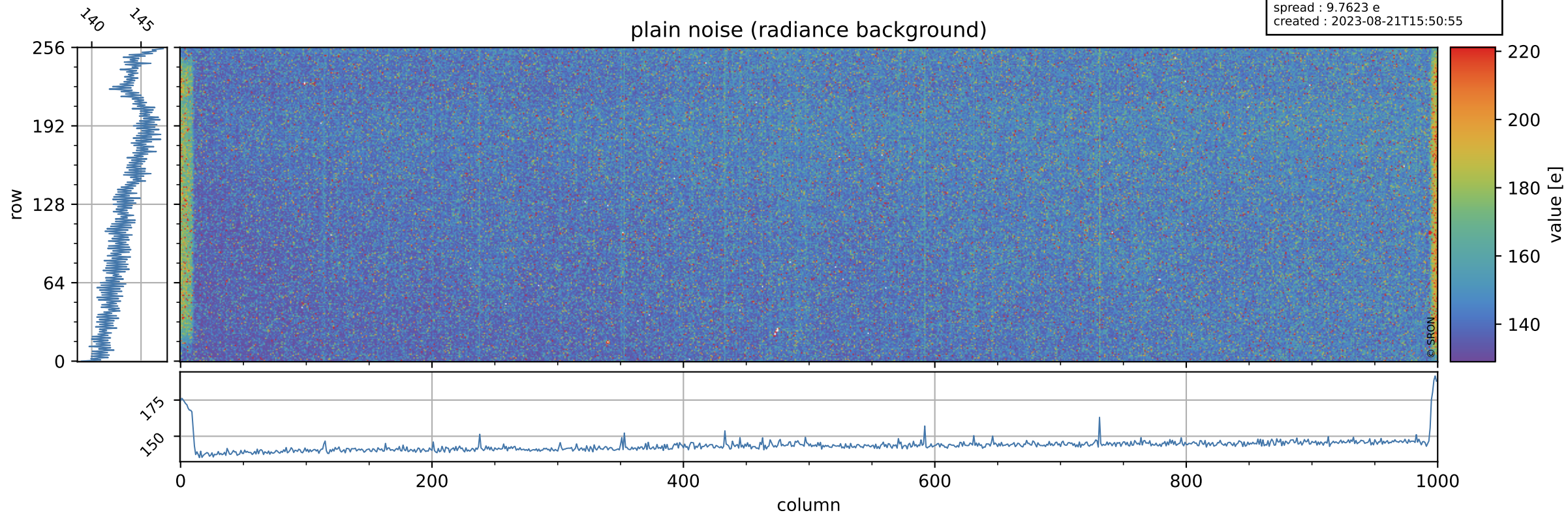
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16912, 17002]
coverage : 2021-01-17 / 2021-01-23
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7623 e
created : 2023-08-21T15:50:55

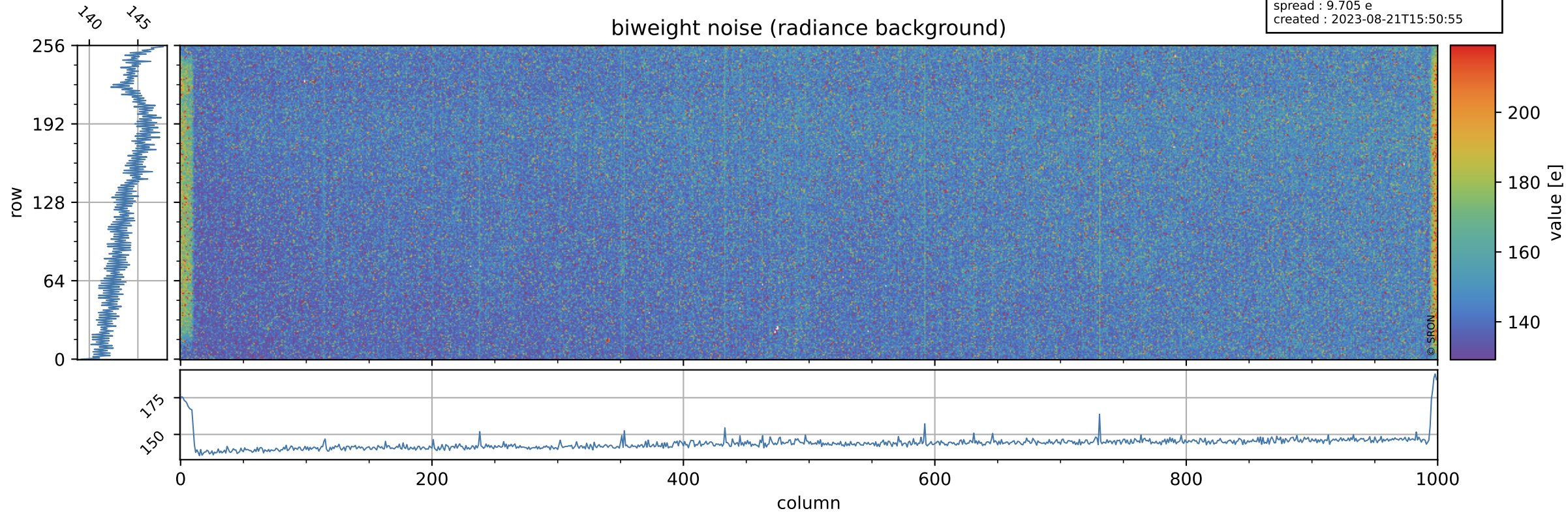
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16912, 17002]
coverage : 2021-01-17 / 2021-01-23
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.705 e
created : 2023-08-21T15:50:55

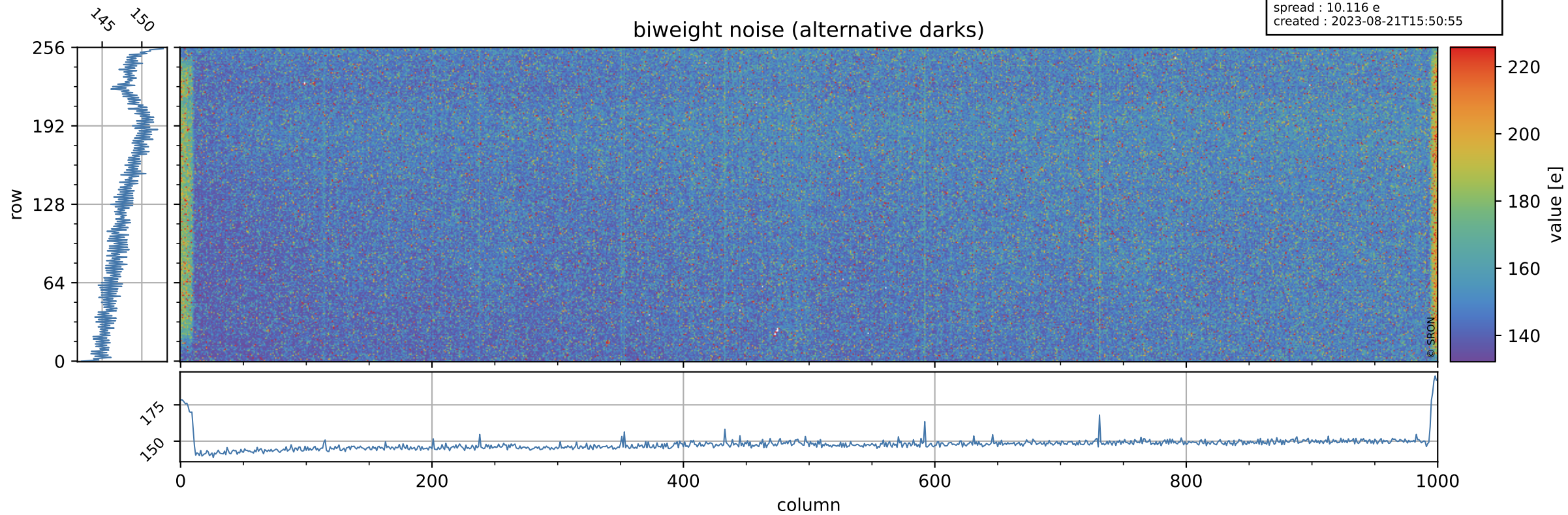
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16912, 17002]
coverage : 2021-01-17 / 2021-01-23
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.116 e
created : 2023-08-21T15:50:55

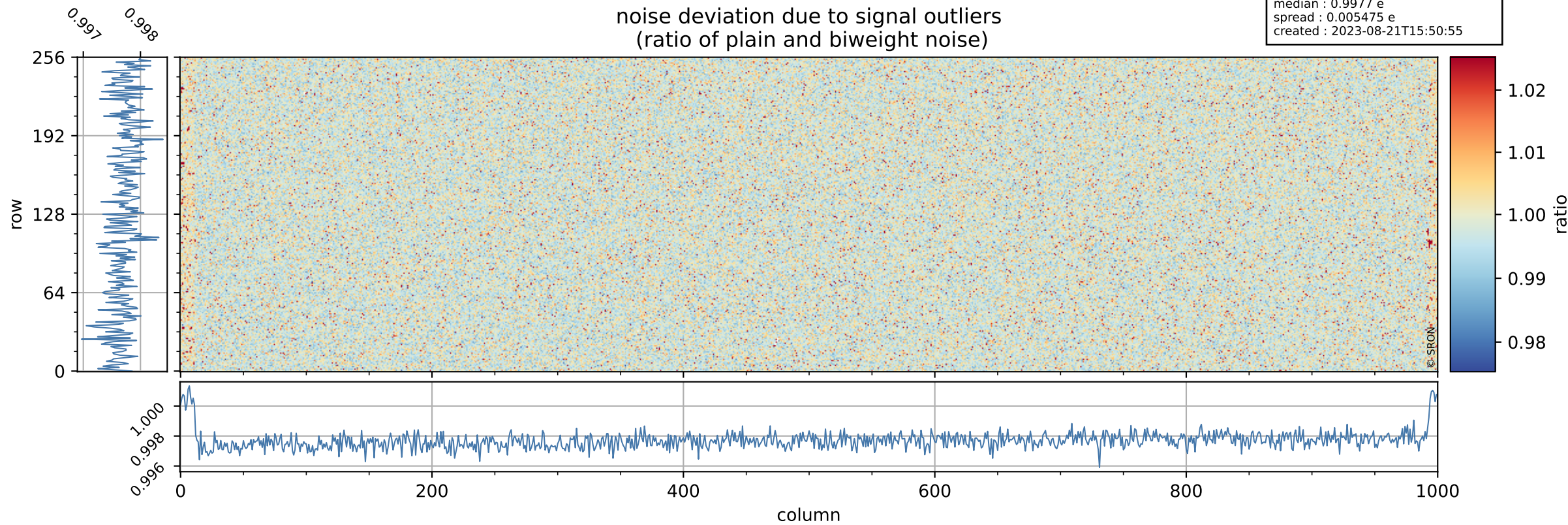
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

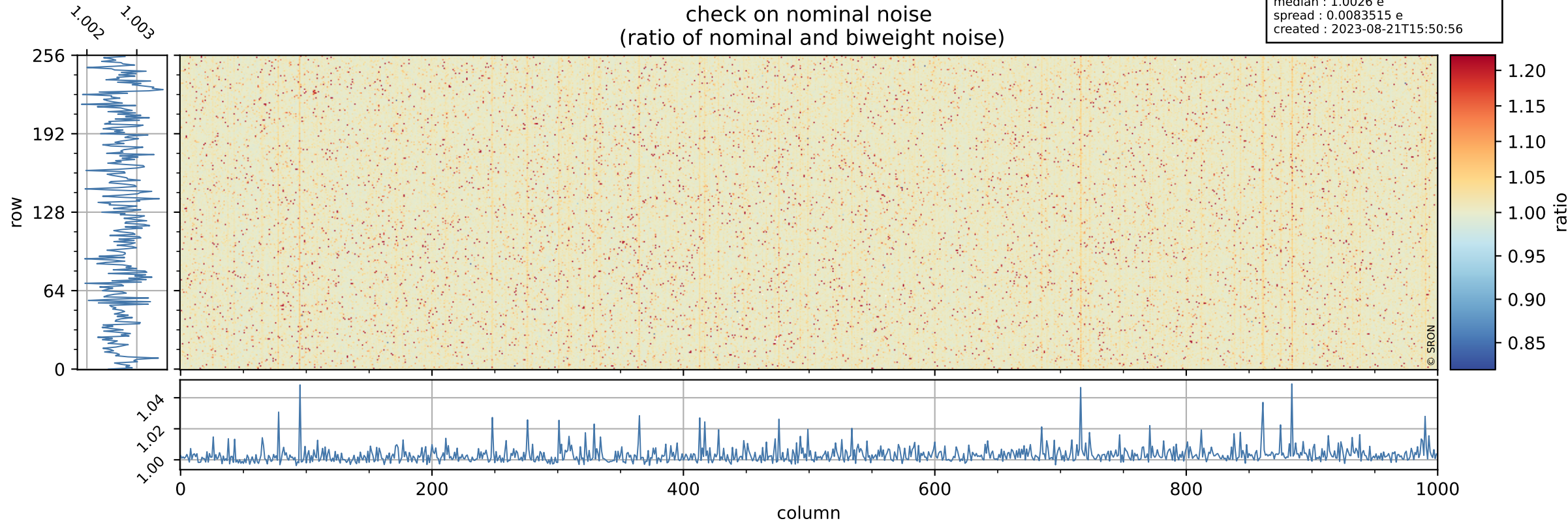
orbits : 12 in [16912, 17002]
coverage : 2021-01-17 / 2021-01-23
median : 0.9977 e
spread : 0.005475 e
created : 2023-08-21T15:50:55



Tropomi SWIR background noise (swir)

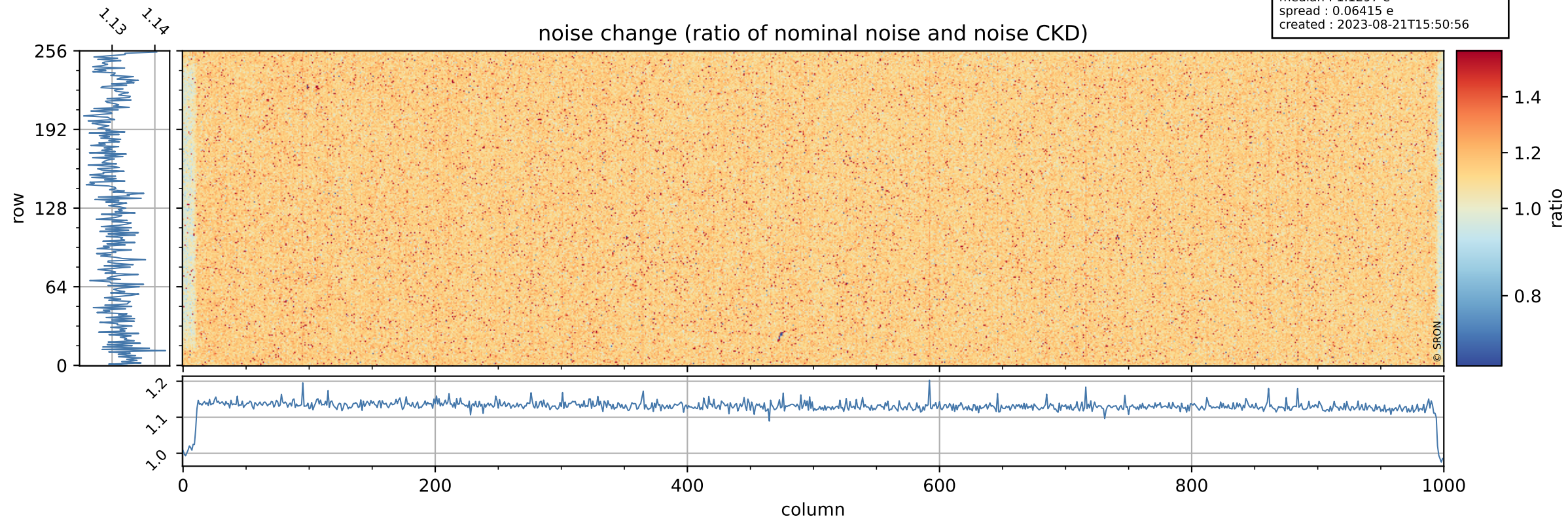
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16912, 17002]
coverage : 2021-01-17 / 2021-01-23
median : 1.0026 e
spread : 0.0083515 e
created : 2023-08-21T15:50:56



Tropomi SWIR background noise (swir)

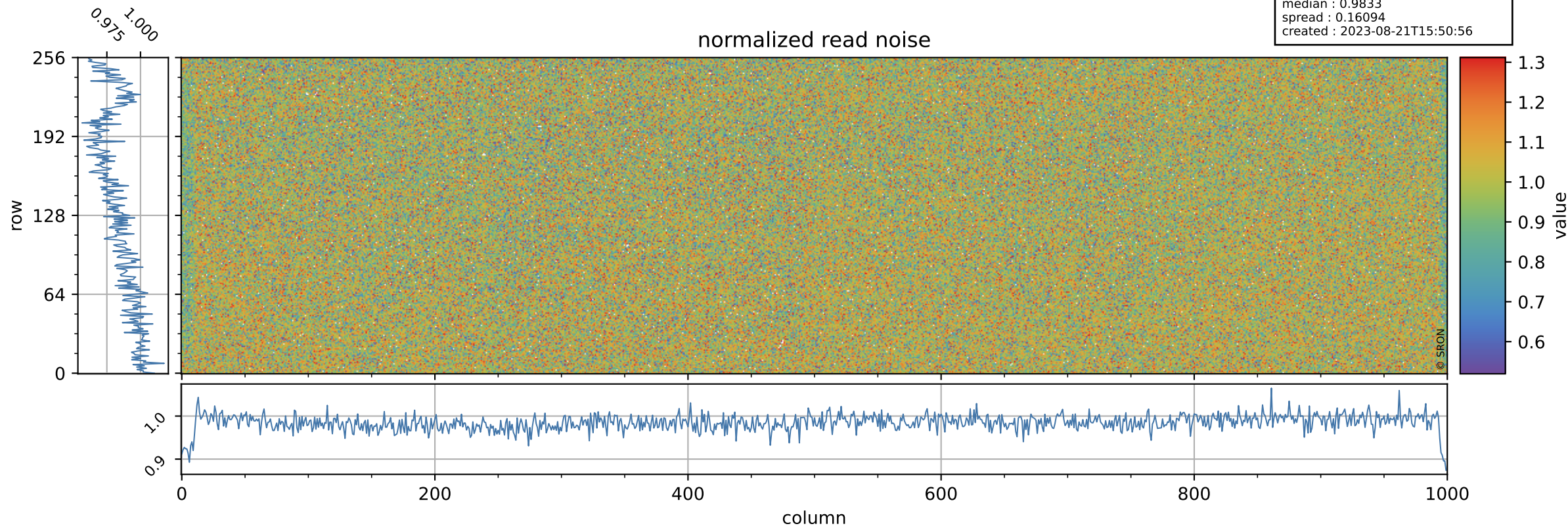
orbits : 12 in [16912, 17002]
coverage : 2021-01-17 / 2021-01-23
median : 1.1297 e
spread : 0.06415 e
created : 2023-08-21T15:50:56



Tropomi SWIR background noise (swir)

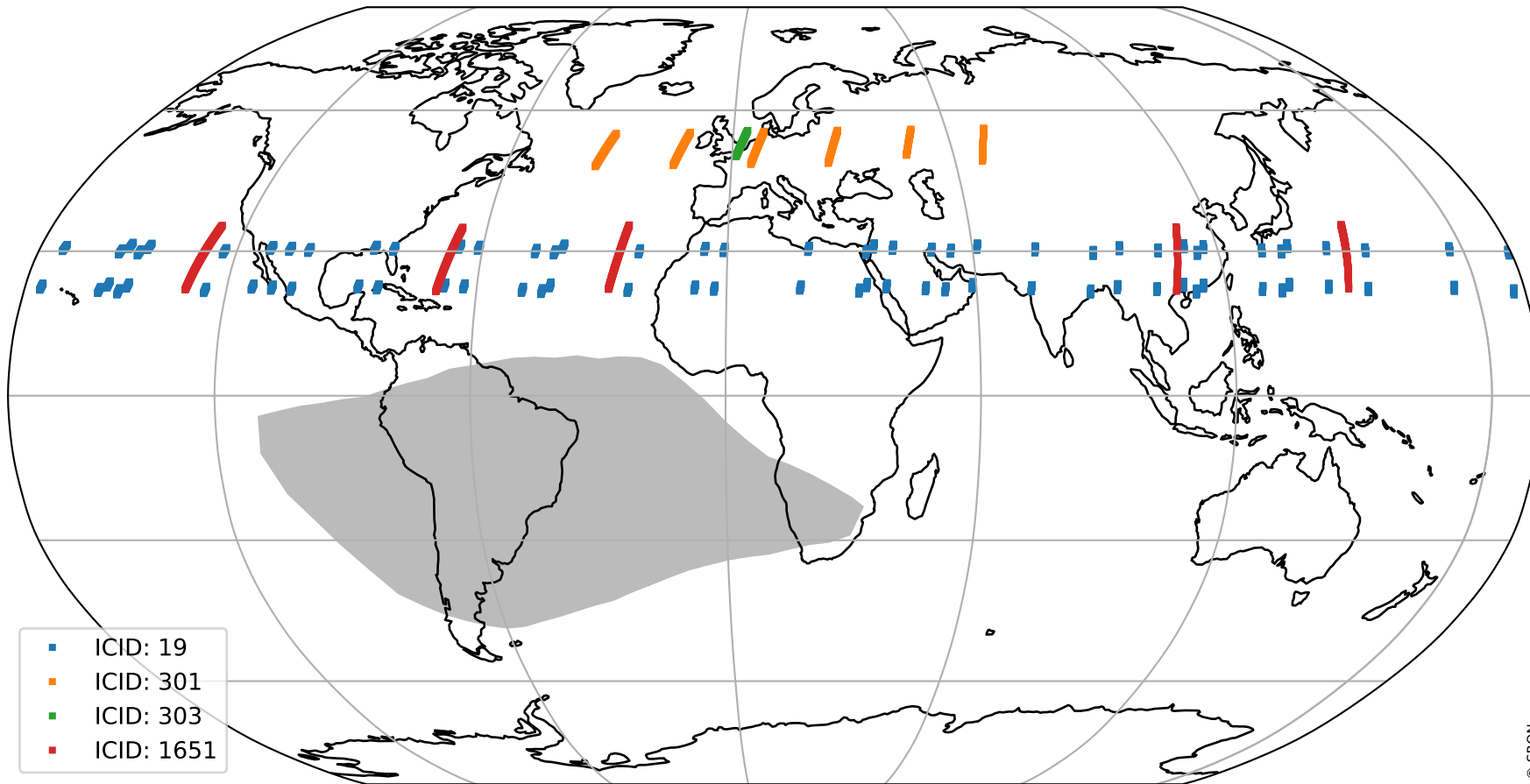
orbits : 12 in [16912, 17002]
coverage : 2021-01-17 / 2021-01-23
median : 0.9833
spread : 0.16094
created : 2023-08-21T15:50:56

normalized read noise



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

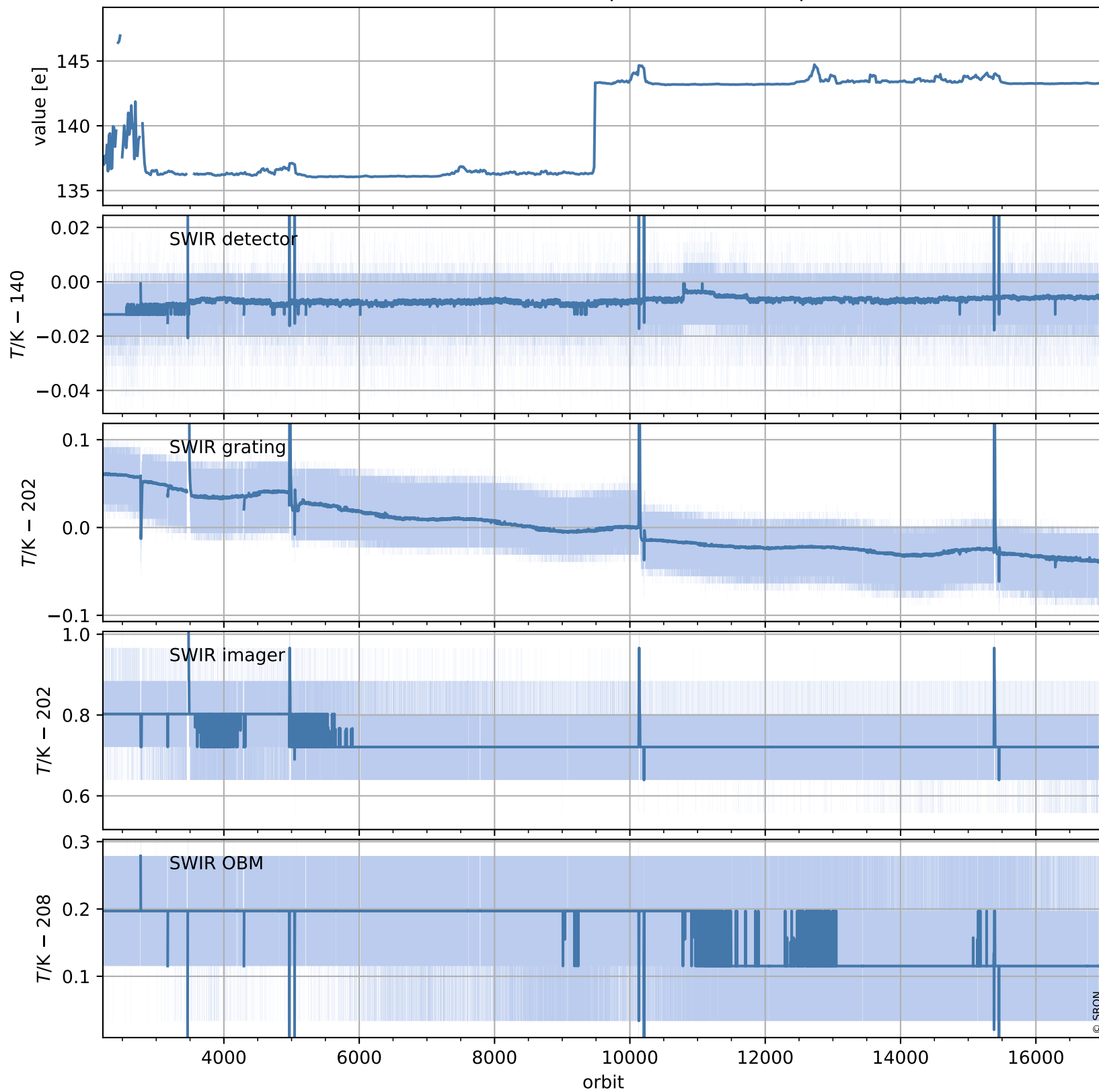
orbits : 12 in [16912, 17002]
coverage : 2021-01-17 / 2021-01-23
created : 2023-08-21T15:50:57



Tropomi SWIR background noise (swir)

orbits : [2212, 17002]
coverage : 2018-03-18 / 2021-01-23
created : 2023-08-21T15:50:57

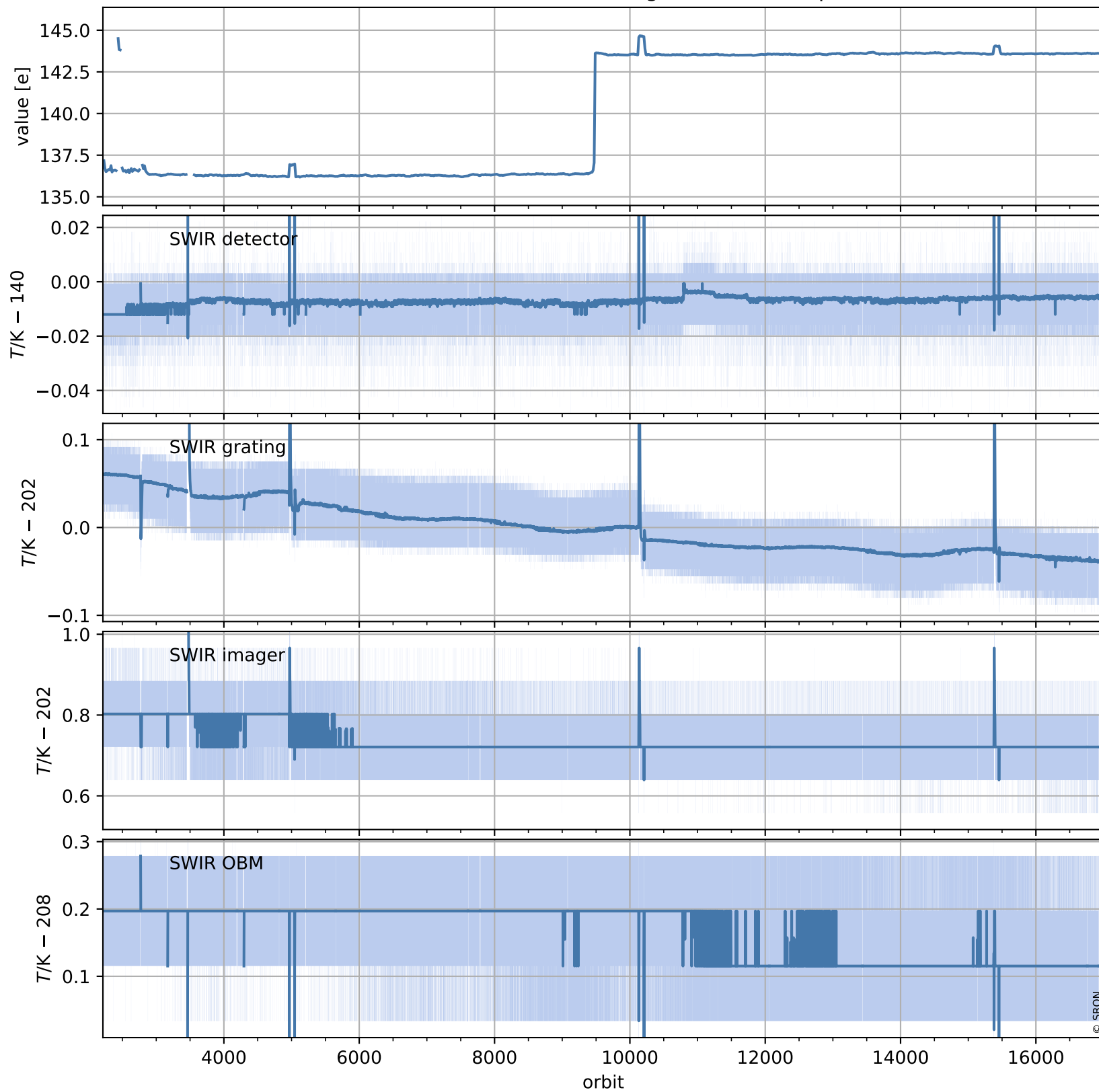
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17002]
coverage : 2018-03-18 / 2021-01-23
created : 2023-08-21T15:50:58

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17002]
coverage : 2018-03-18 / 2021-01-23
created : 2023-08-21T15:50:59

trend of normalized read-noise & temperatures

