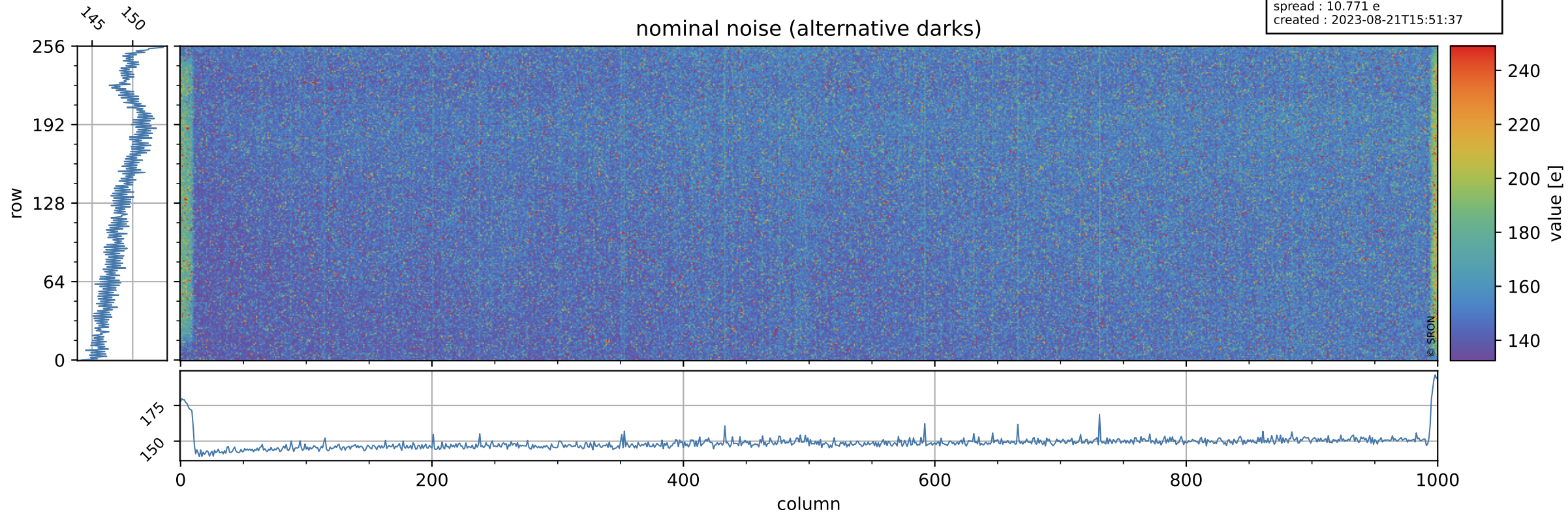


Tropomi SWIR background noise (swir)

orbits : 12 in [17047, 17122]
coverage : 2021-01-26 / 2021-01-31
n_coad, t_exp : 1, 1.0783
median : 148.6 e
spread : 10.771 e
created : 2023-08-21T15:51:37

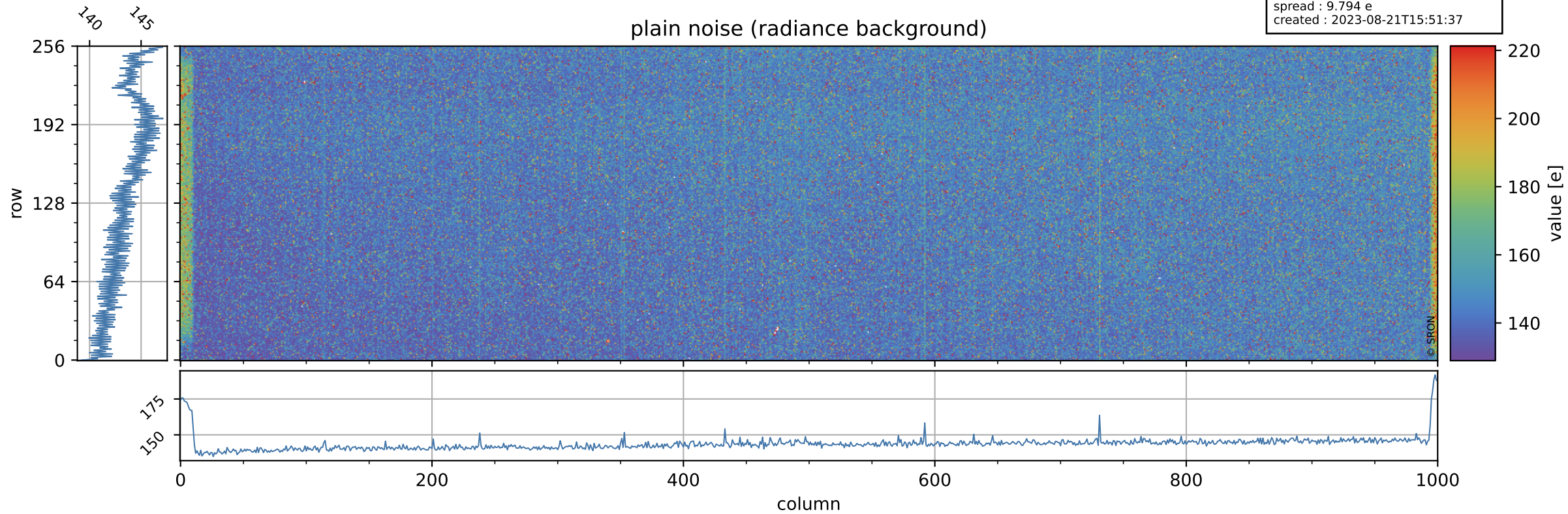
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17047, 17122]
coverage : 2021-01-26 / 2021-01-31
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.794 e
created : 2023-08-21T15:51:37

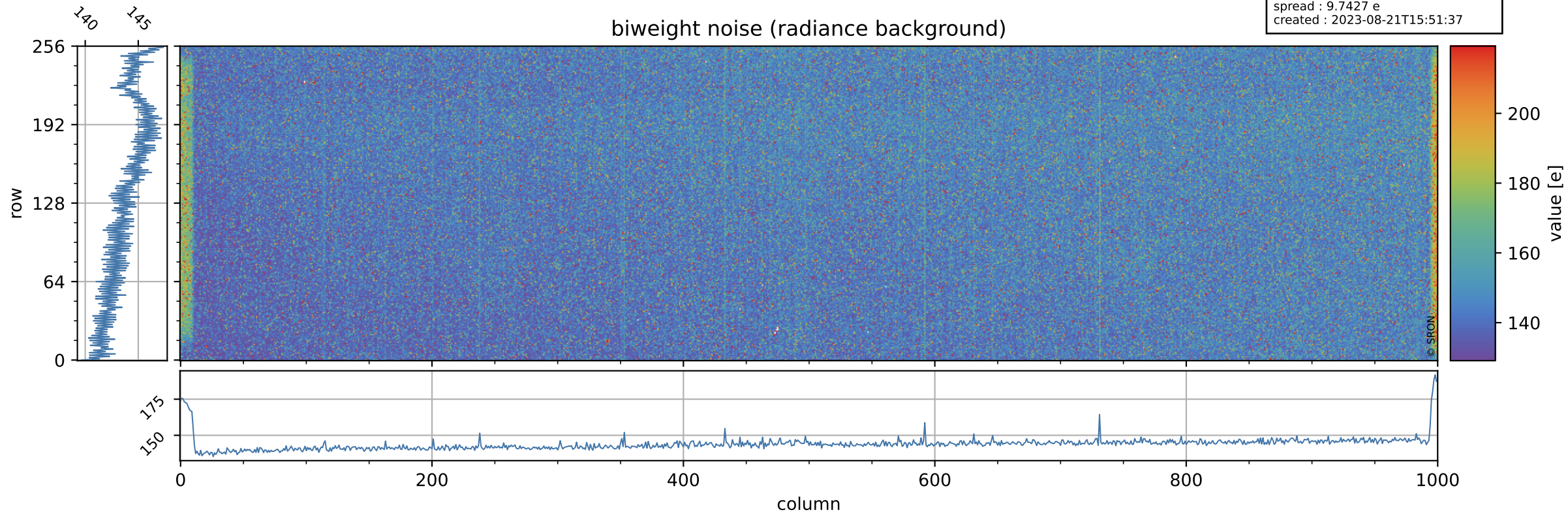
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17047, 17122]
coverage : 2021-01-26 / 2021-01-31
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7427 e
created : 2023-08-21T15:51:37

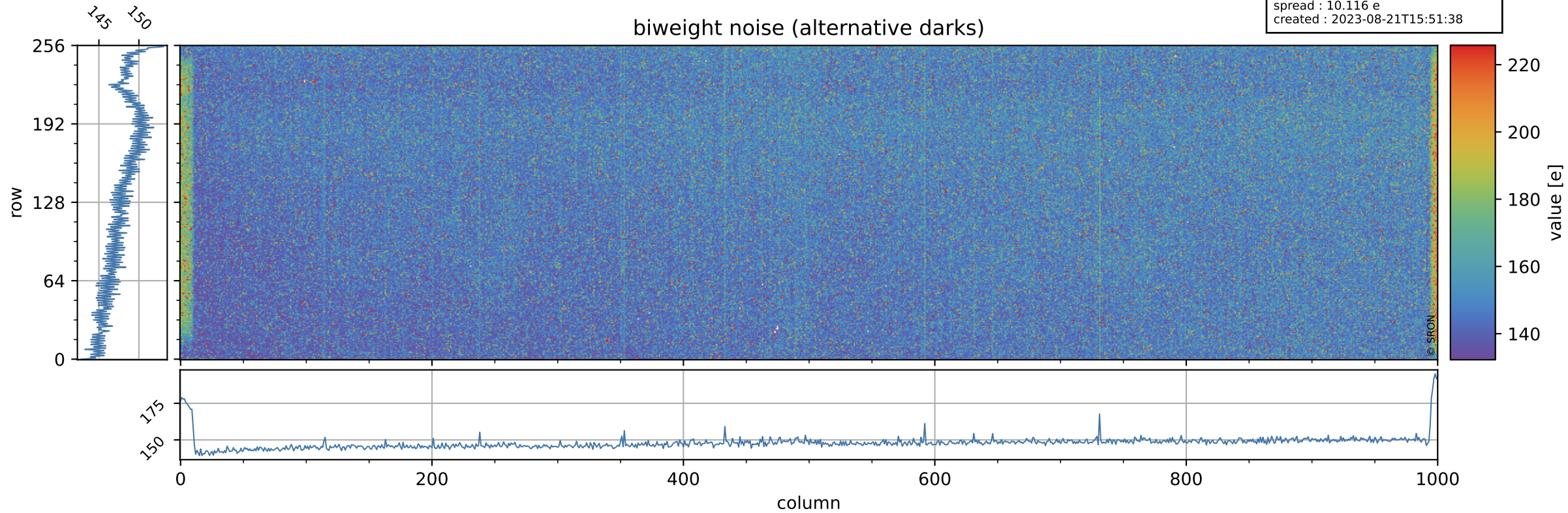
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17047, 17122]
coverage : 2021-01-26 / 2021-01-31
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.116 e
created : 2023-08-21T15:51:38

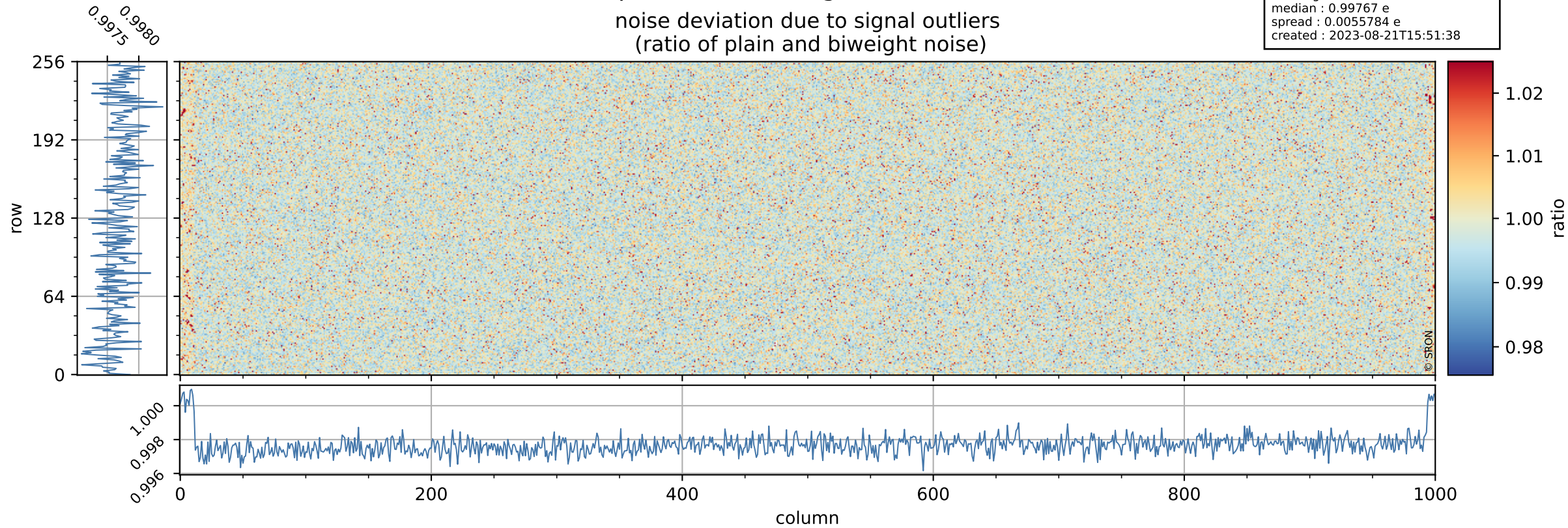
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

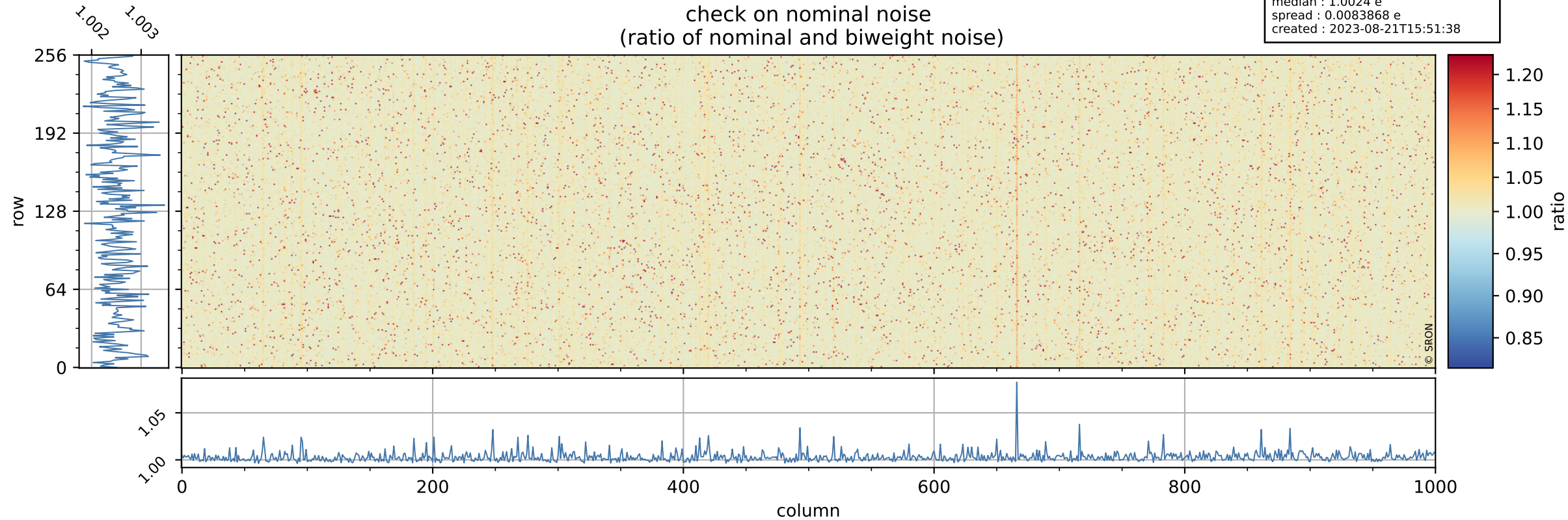
orbits : 12 in [17047, 17122]
coverage : 2021-01-26 / 2021-01-31
median : 0.99767 e
spread : 0.0055784 e
created : 2023-08-21T15:51:38



Tropomi SWIR background noise (swir)

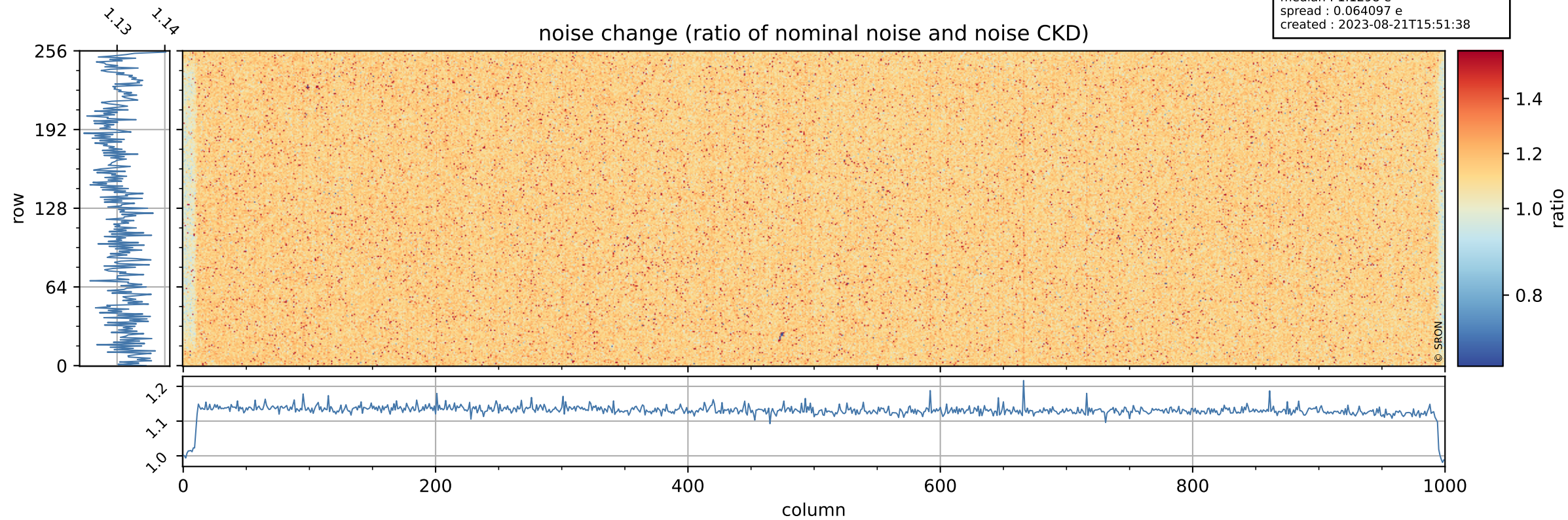
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17047, 17122]
coverage : 2021-01-26 / 2021-01-31
median : 1.0024 e
spread : 0.0083868 e
created : 2023-08-21T15:51:38



Tropomi SWIR background noise (swir)

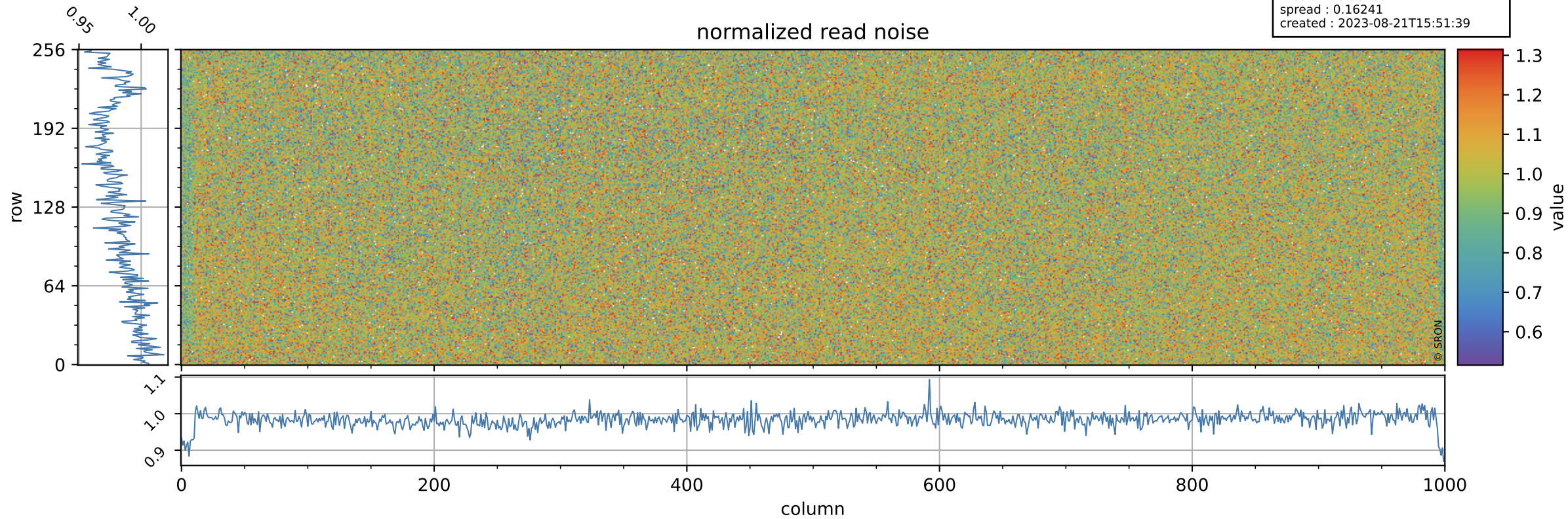
orbits : 12 in [17047, 17122]
coverage : 2021-01-26 / 2021-01-31
median : 1.1298 e
spread : 0.064097 e
created : 2023-08-21T15:51:38



Tropomi SWIR background noise (swir)

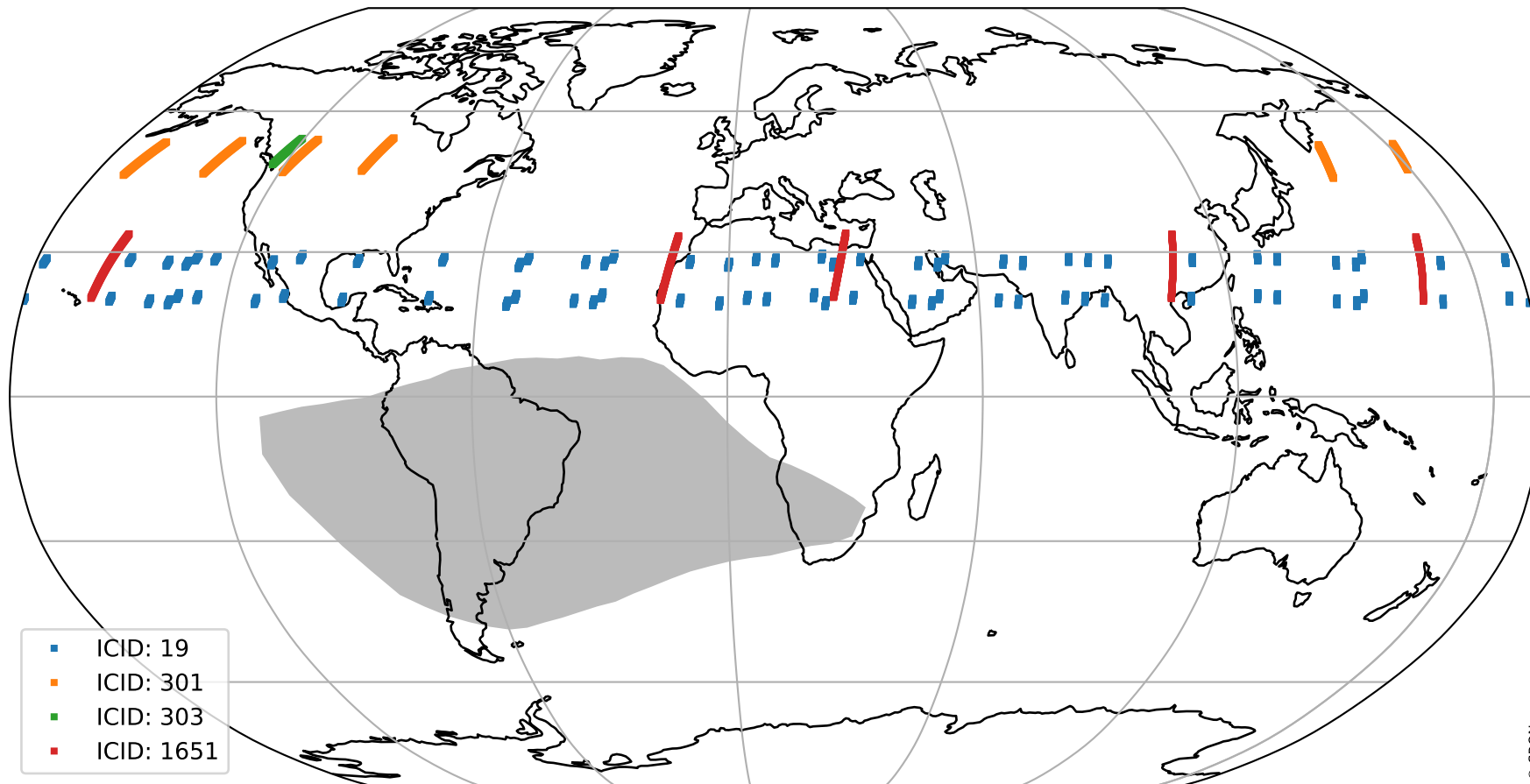
orbits : 12 in [17047, 17122]
coverage : 2021-01-26 / 2021-01-31
median : 0.98199
spread : 0.16241
created : 2023-08-21T15:51:39

normalized read noise



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

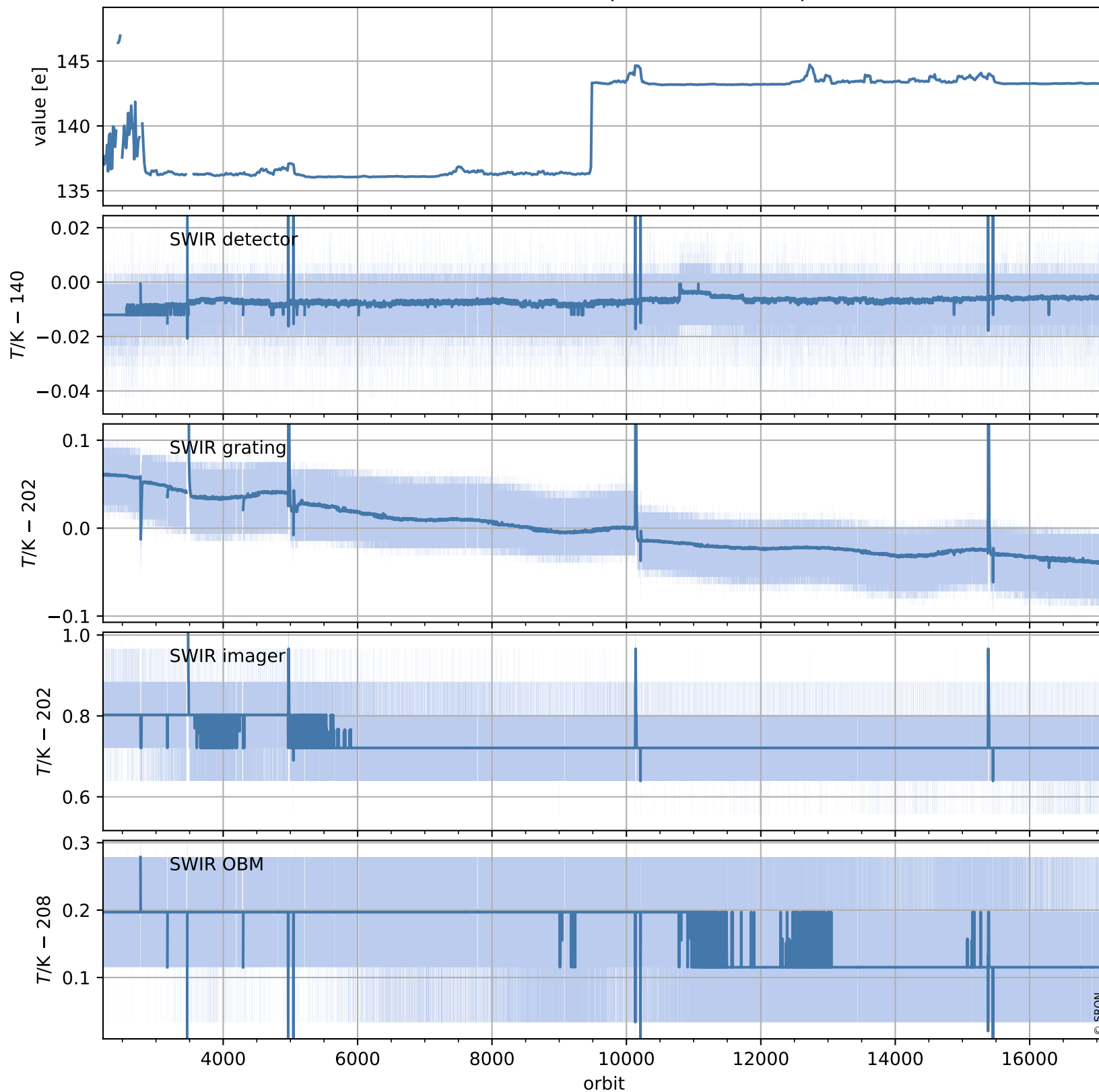
orbits : 12 in [17047, 17122]
coverage : 2021-01-26 / 2021-01-31
created : 2023-08-21T15:51:39



Tropomi SWIR background noise (swir)

orbits : [2212, 17122]
coverage : 2018-03-18 / 2021-01-31
created : 2023-08-21T15:51:39

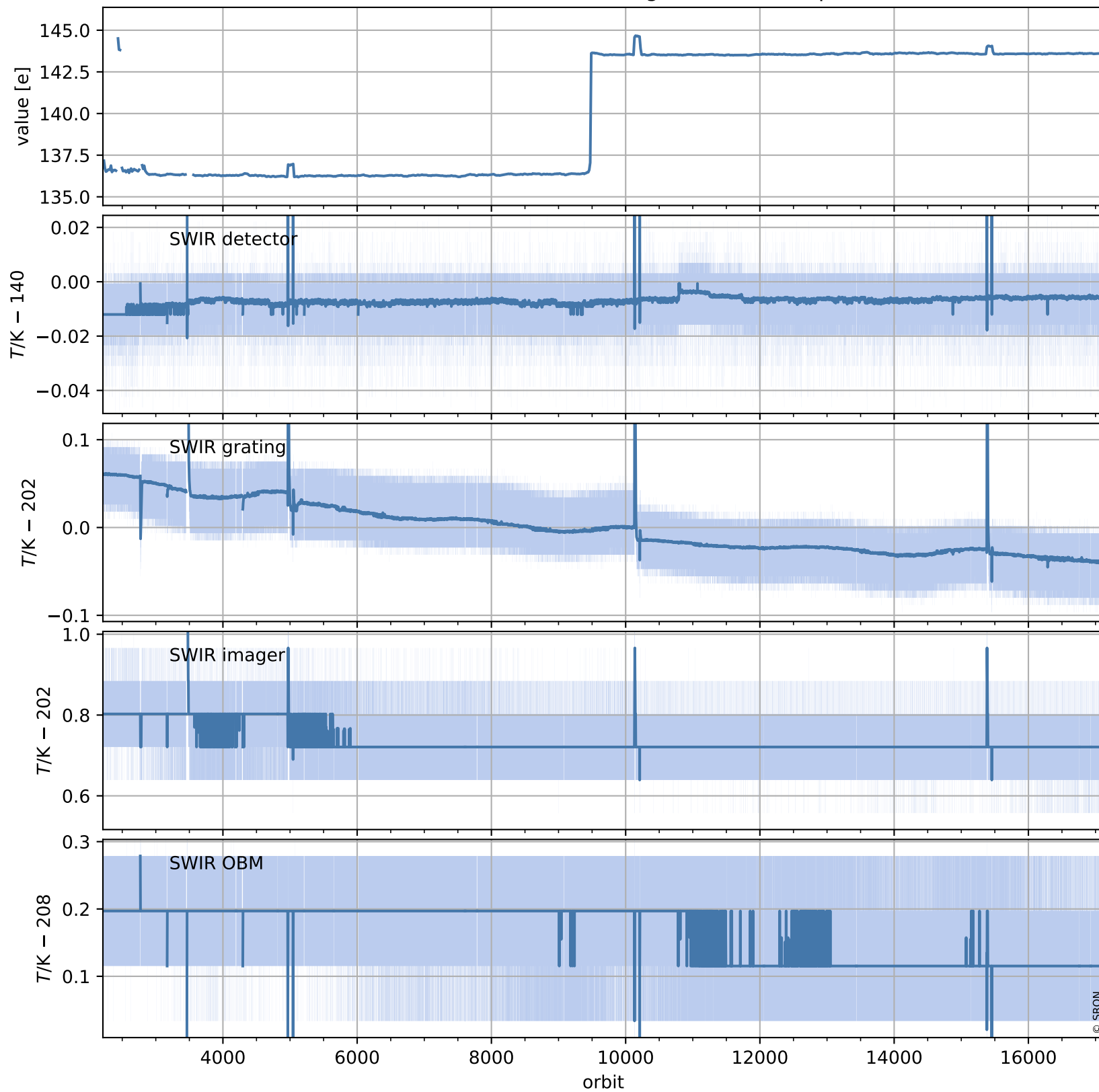
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17122]
coverage : 2018-03-18 / 2021-01-31
created : 2023-08-21T15:51:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17122]
coverage : 2018-03-18 / 2021-01-31
created : 2023-08-21T15:51:41

trend of normalized read-noise & temperatures

