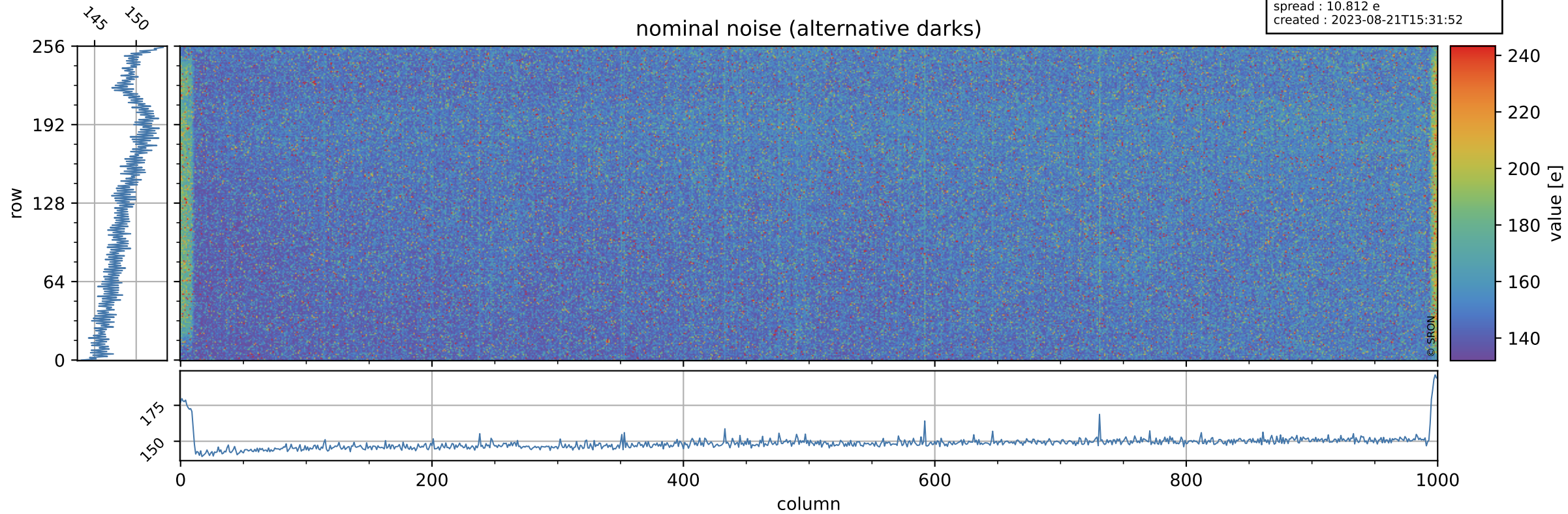


Tropomi SWIR background noise (swir)

orbits : 12 in [13492, 13582]
coverage : 2020-05-21 / 2020-05-27
n_coad, t_exp : 1, 1.0783
median : 148.49 e
spread : 10.812 e
created : 2023-08-21T15:31:52

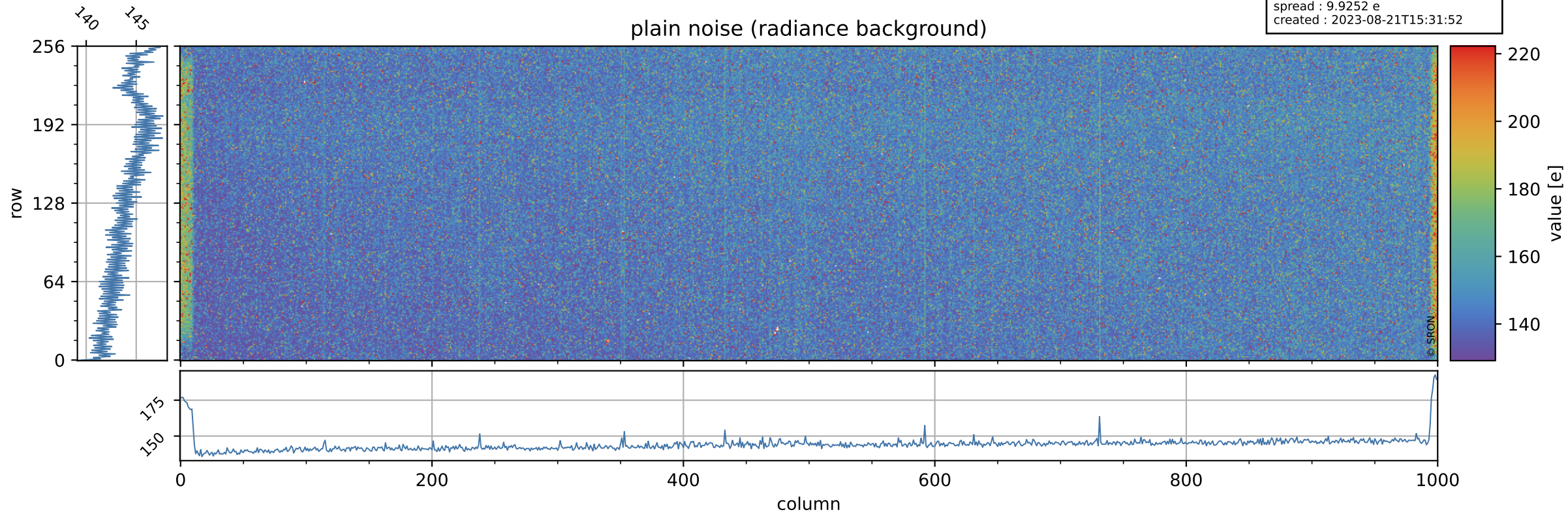
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13492, 13582]
coverage : 2020-05-21 / 2020-05-27
n_coad, t_exp : 1, 0.8383
median : 143.95 e
spread : 9.9252 e
created : 2023-08-21T15:31:52

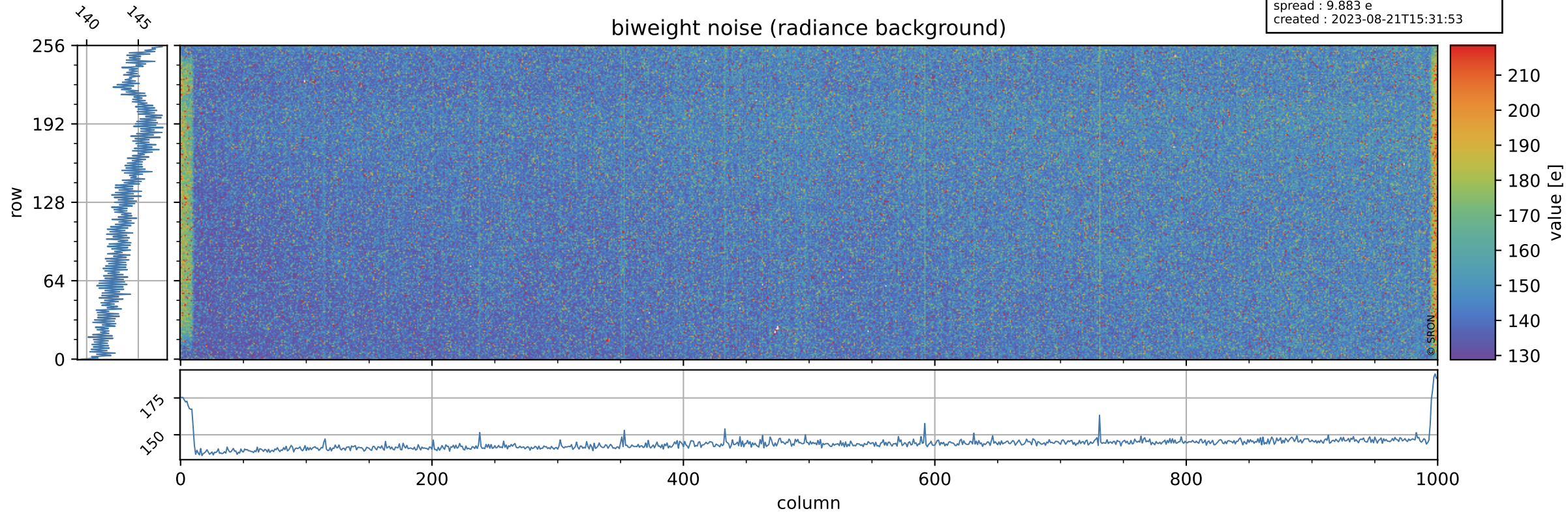
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13492, 13582]
coverage : 2020-05-21 / 2020-05-27
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.883 e
created : 2023-08-21T15:31:53

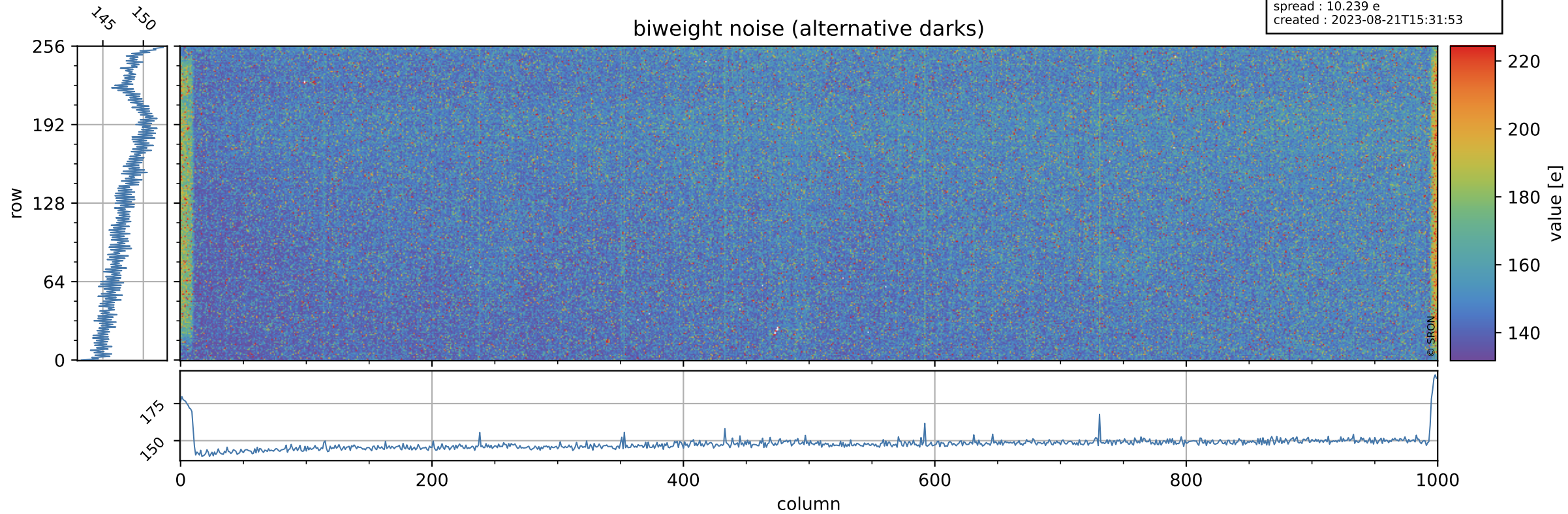
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13492, 13582]
coverage : 2020-05-21 / 2020-05-27
n_coad, t_exp : 1, 1.0783
median : 147.66 e
spread : 10.239 e
created : 2023-08-21T15:31:53

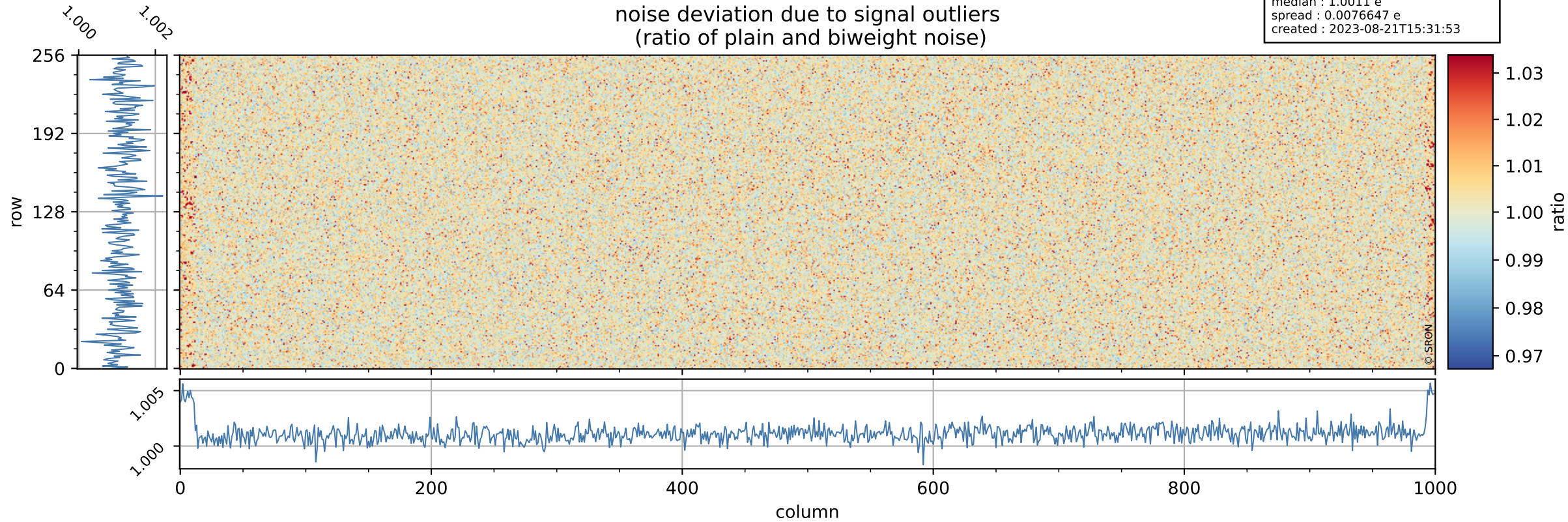
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

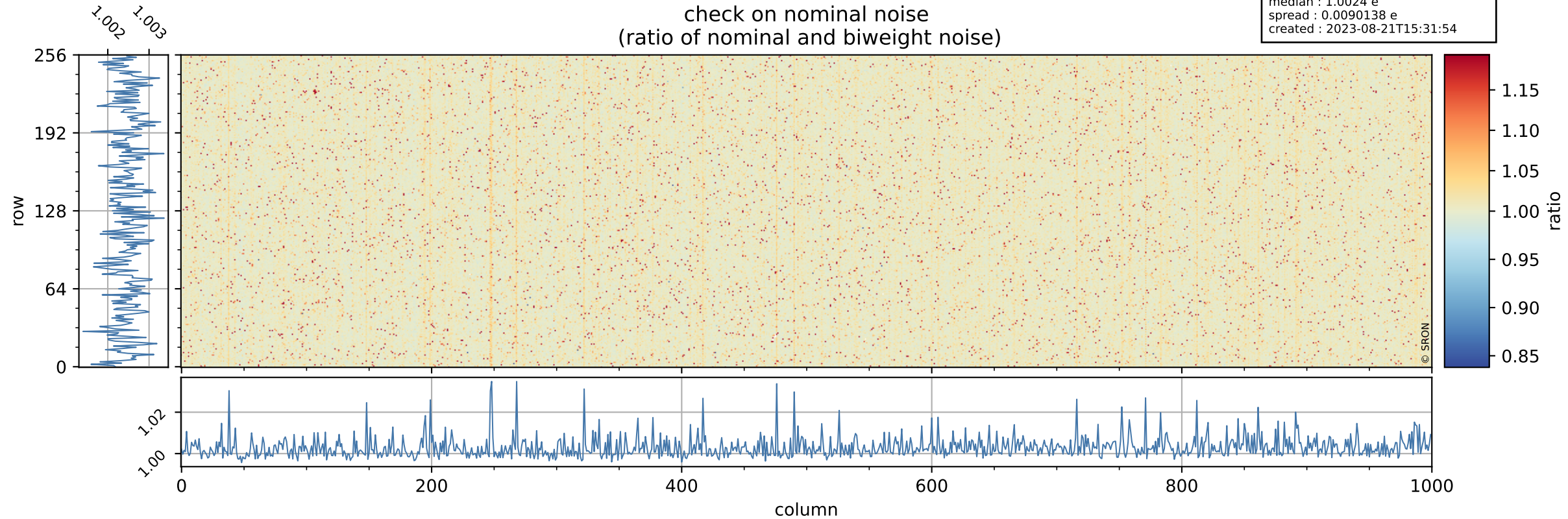
orbits : 12 in [13492, 13582]
coverage : 2020-05-21 / 2020-05-27
median : 1.0011 e
spread : 0.0076647 e
created : 2023-08-21T15:31:53



Tropomi SWIR background noise (swir)

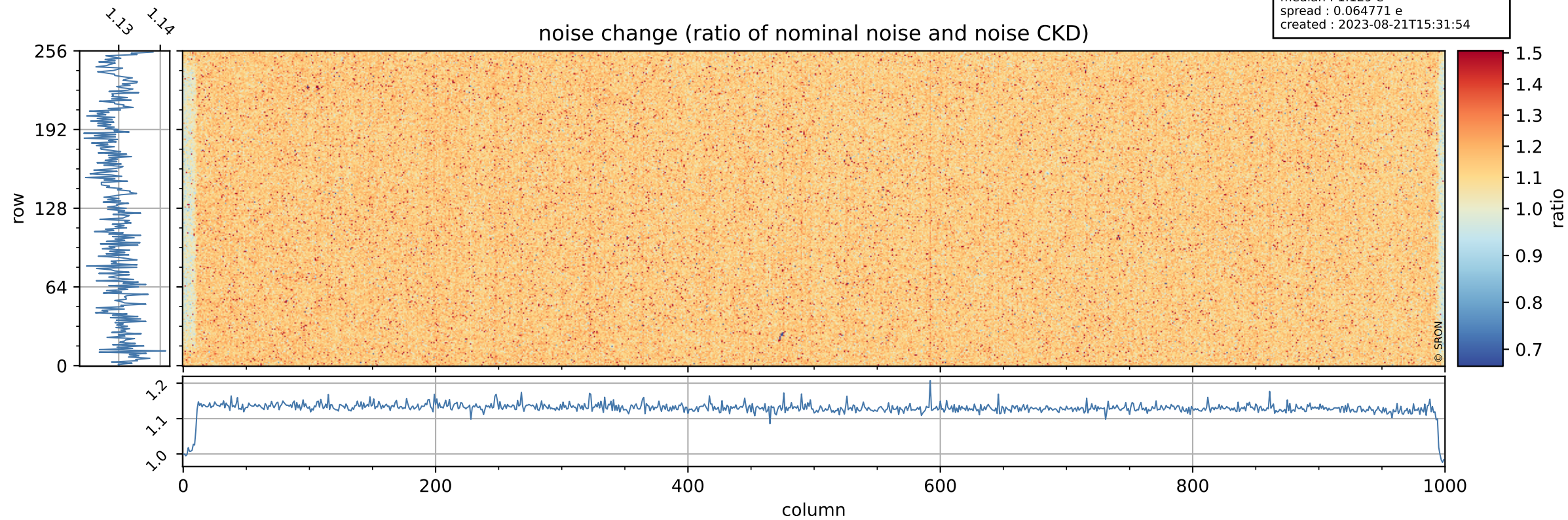
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13492, 13582]
coverage : 2020-05-21 / 2020-05-27
median : 1.0024 e
spread : 0.0090138 e
created : 2023-08-21T15:31:54



Tropomi SWIR background noise (swir)

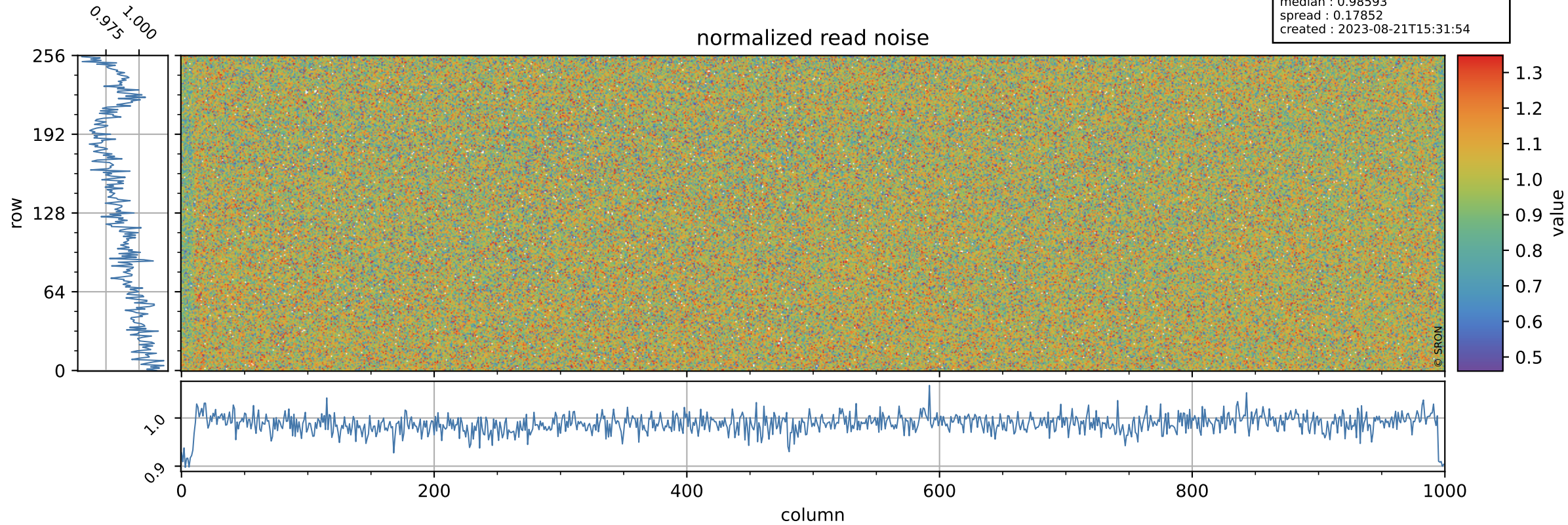
orbits : 12 in [13492, 13582]
coverage : 2020-05-21 / 2020-05-27
median : 1.129 e
spread : 0.064771 e
created : 2023-08-21T15:31:54



Tropomi SWIR background noise (swir)

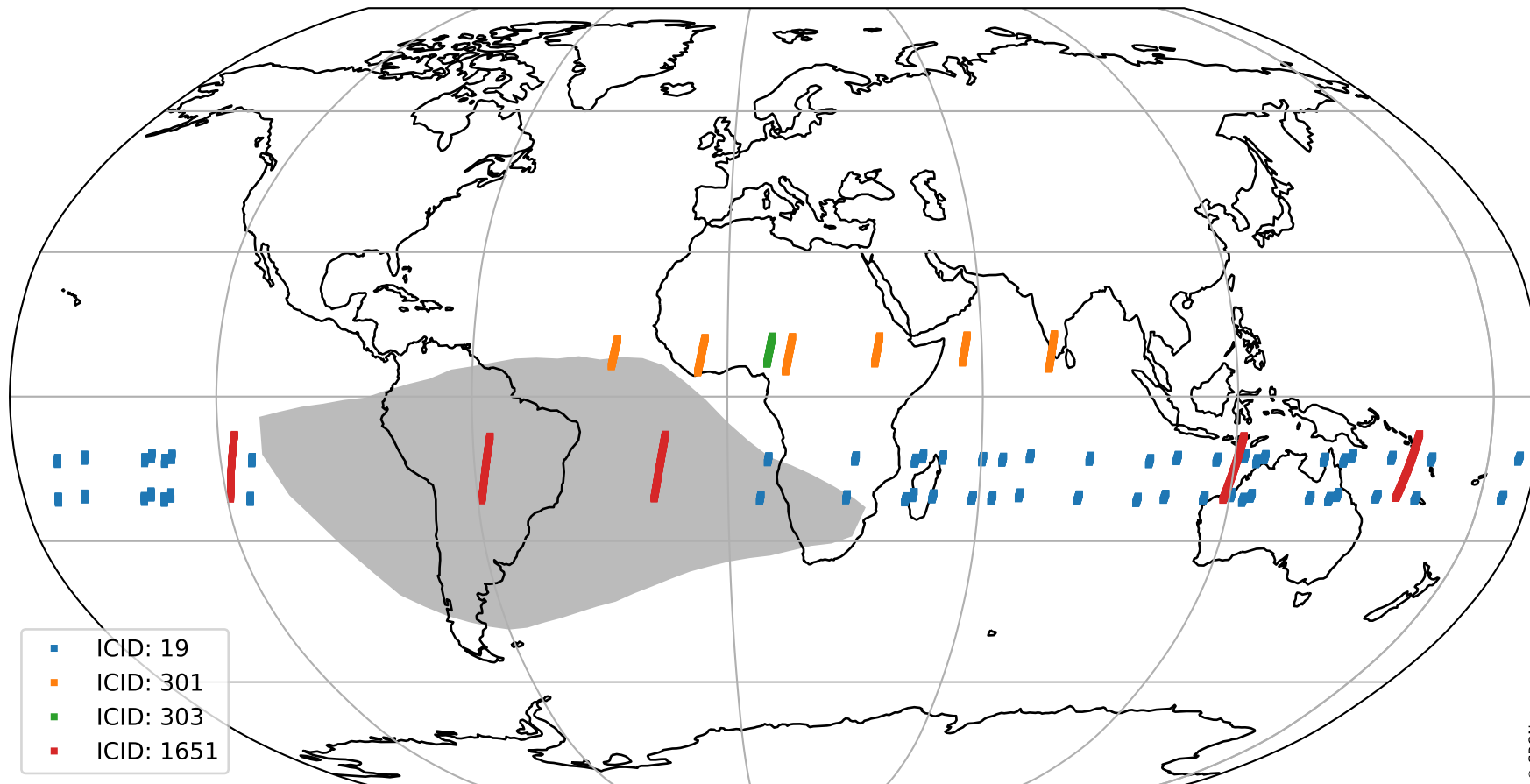
orbits : 12 in [13492, 13582]
coverage : 2020-05-21 / 2020-05-27
median : 0.98593
spread : 0.17852
created : 2023-08-21T15:31:54

normalized read noise



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

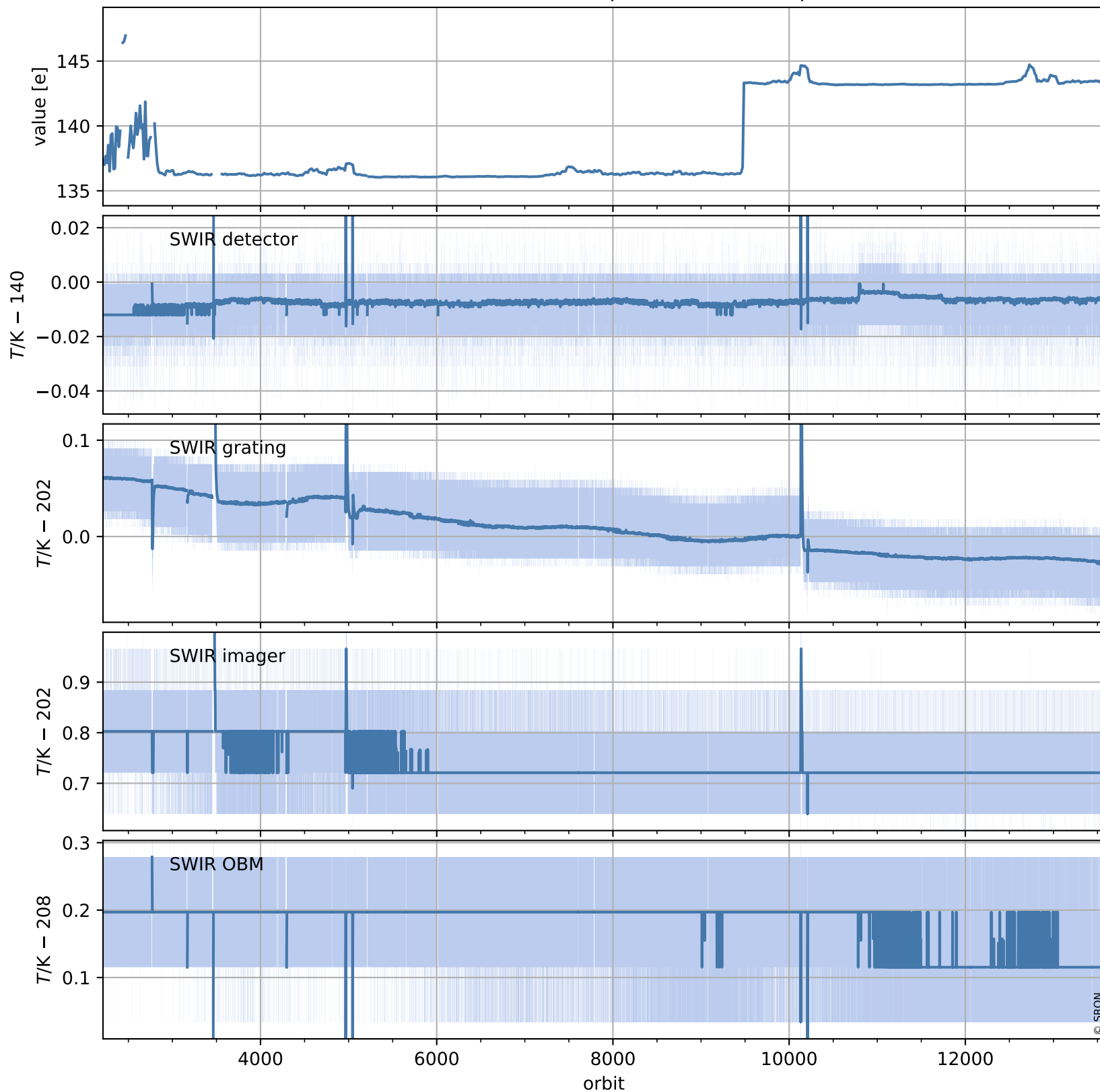
orbits : 12 in [13492, 13582]
coverage : 2020-05-21 / 2020-05-27
created : 2023-08-21T15:31:54



Tropomi SWIR background noise (swir)

orbits : [2212, 13582]
coverage : 2018-03-18 / 2020-05-27
created : 2023-08-21T15:31:55

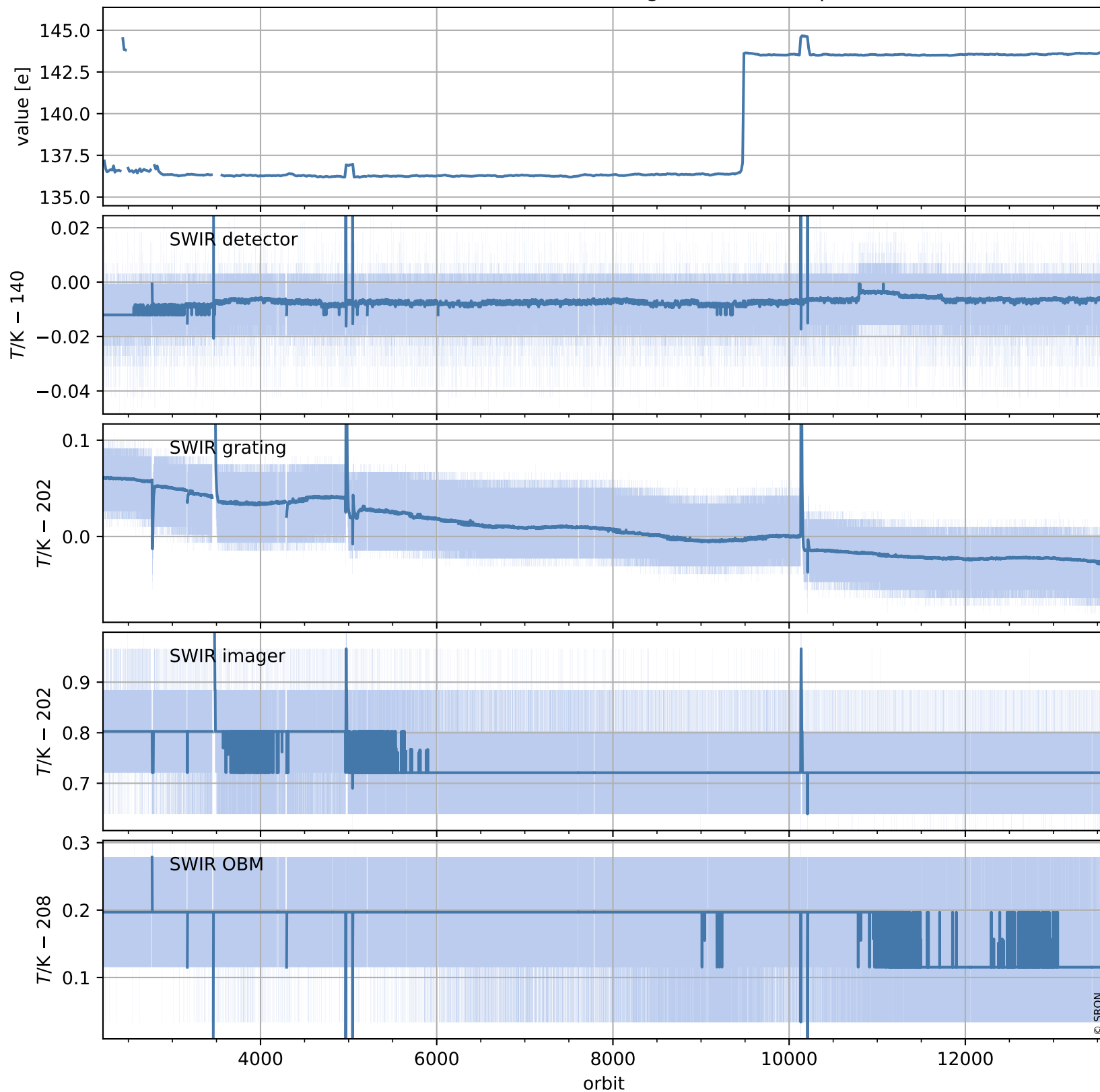
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13582]
coverage : 2018-03-18 / 2020-05-27
created : 2023-08-21T15:31:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13582]
coverage : 2018-03-18 / 2020-05-27
created : 2023-08-21T15:31:56

trend of normalized read-noise & temperatures

