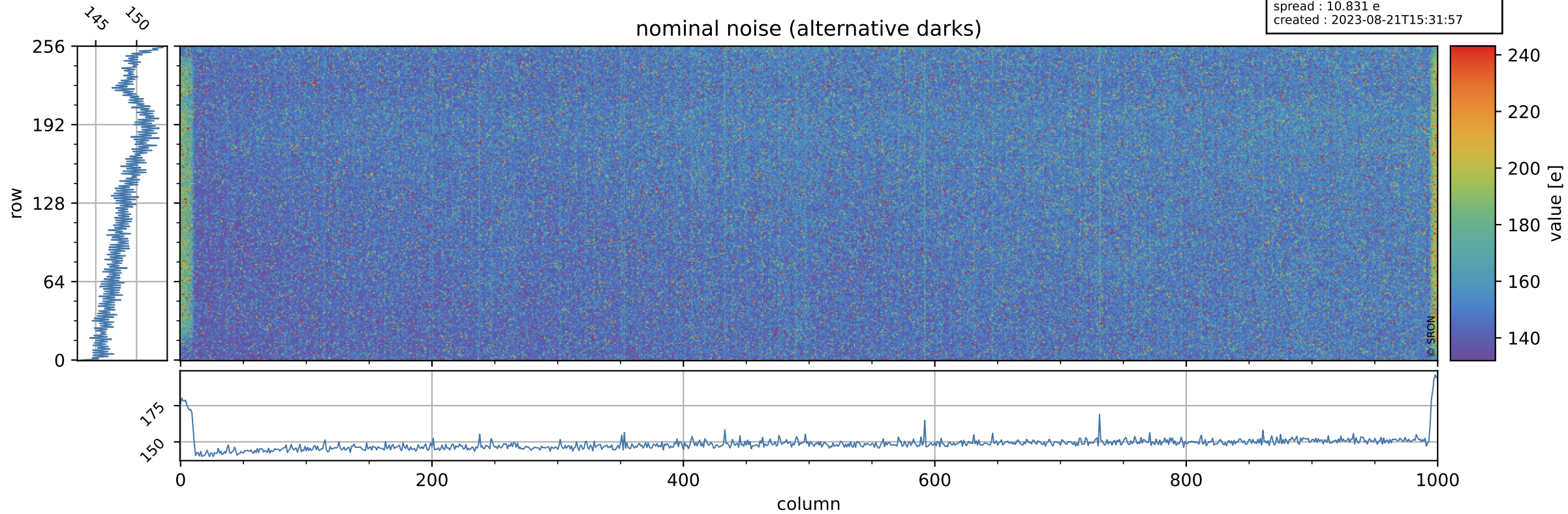


Tropomi SWIR background noise (swir)

orbits : 12 in [13522, 13597]
coverage : 2020-05-22 / 2020-05-28
n_coad, t_exp : 1, 1.0783
median : 148.46 e
spread : 10.831 e
created : 2023-08-21T15:31:57

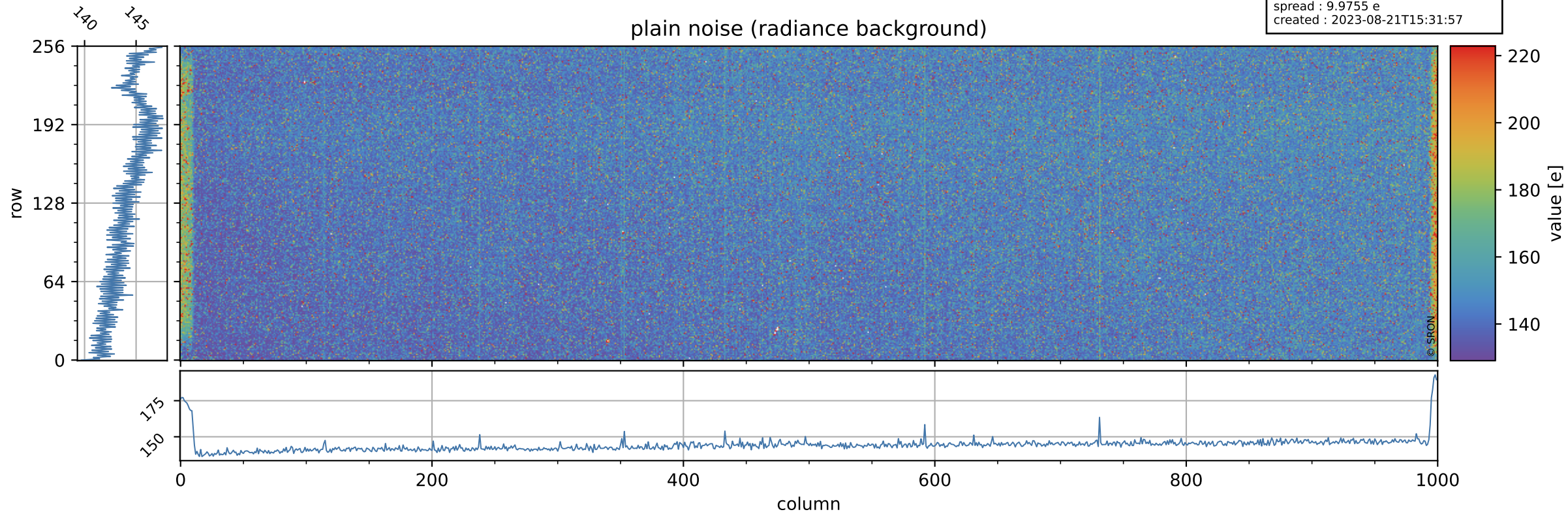
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13522, 13597]
coverage : 2020-05-22 / 2020-05-28
n_coad, t_exp : 1, 0.8383
median : 144.05 e
spread : 9.9755 e
created : 2023-08-21T15:31:57

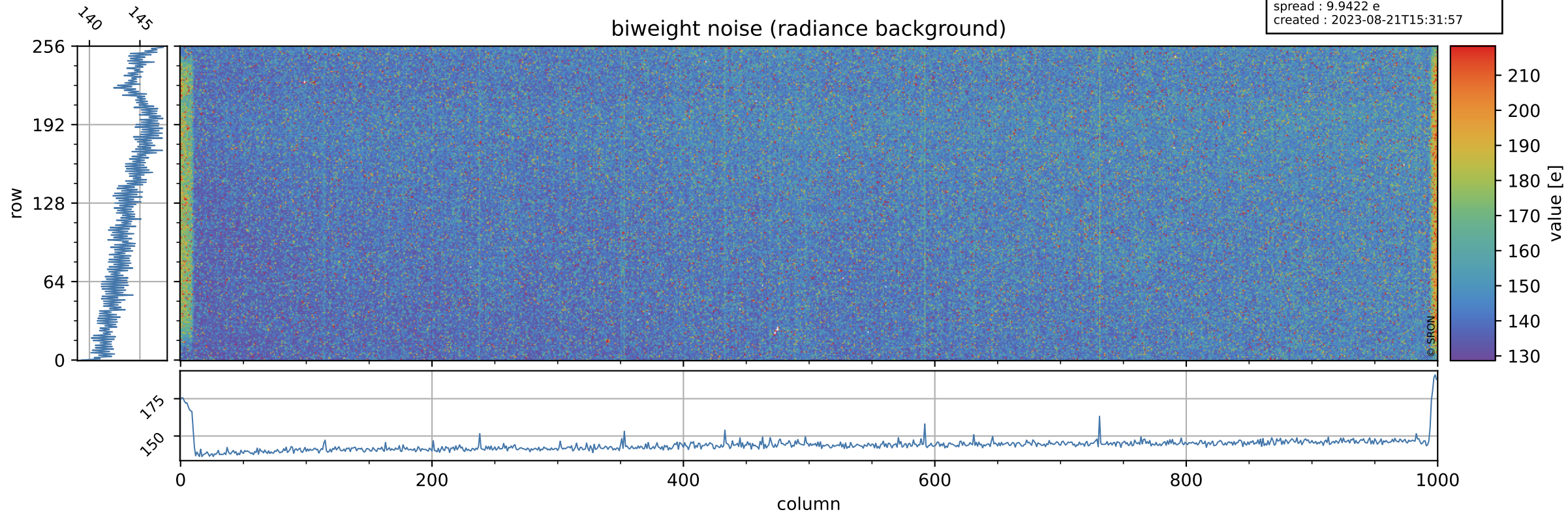
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13522, 13597]
coverage : 2020-05-22 / 2020-05-28
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9422 e
created : 2023-08-21T15:31:57

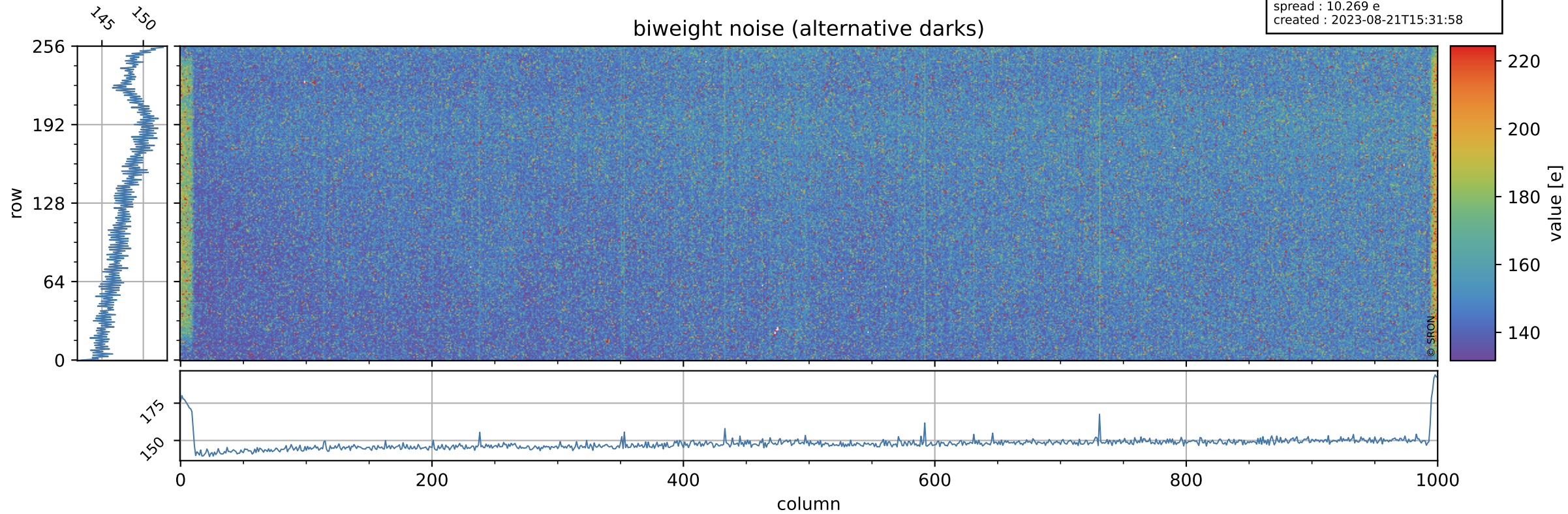
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13522, 13597]
coverage : 2020-05-22 / 2020-05-28
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.269 e
created : 2023-08-21T15:31:58

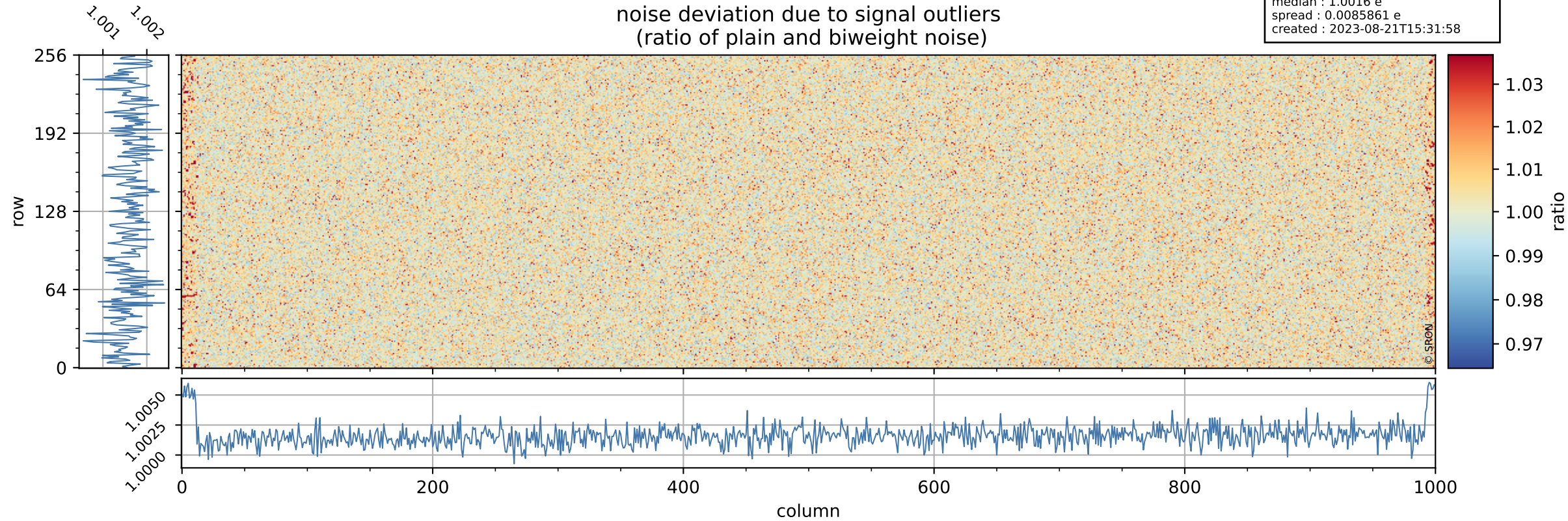
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

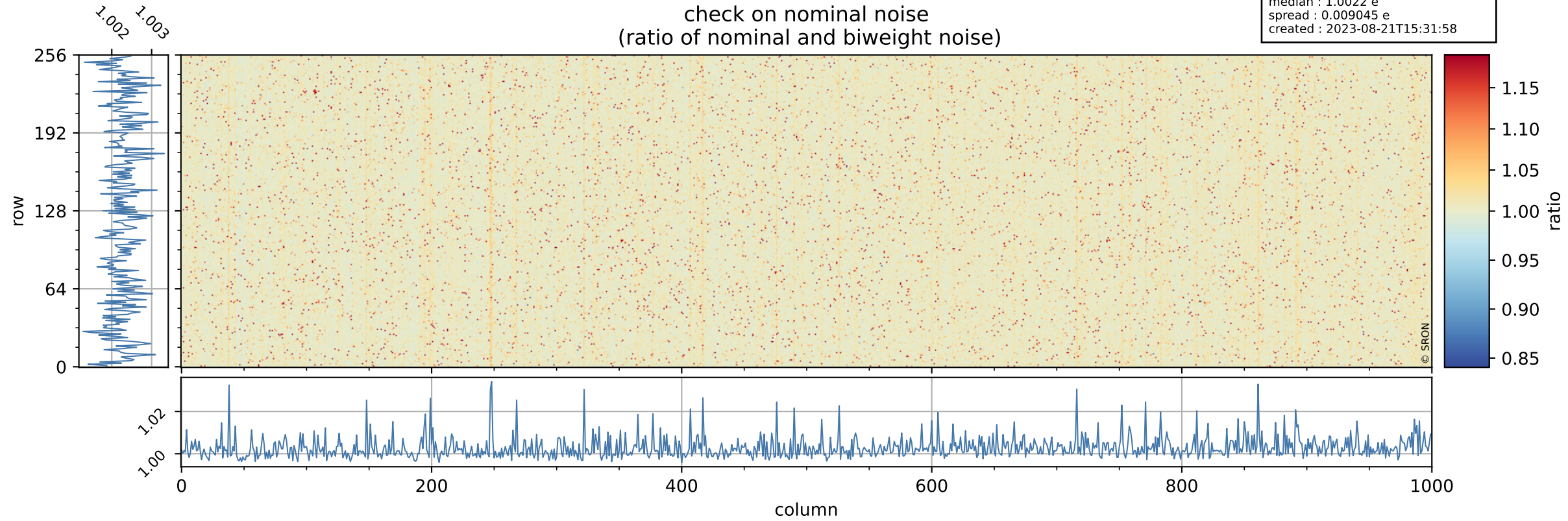
orbits : 12 in [13522, 13597]
coverage : 2020-05-22 / 2020-05-28
median : 1.0016 e
spread : 0.0085861 e
created : 2023-08-21T15:31:58



Tropomi SWIR background noise (swir)

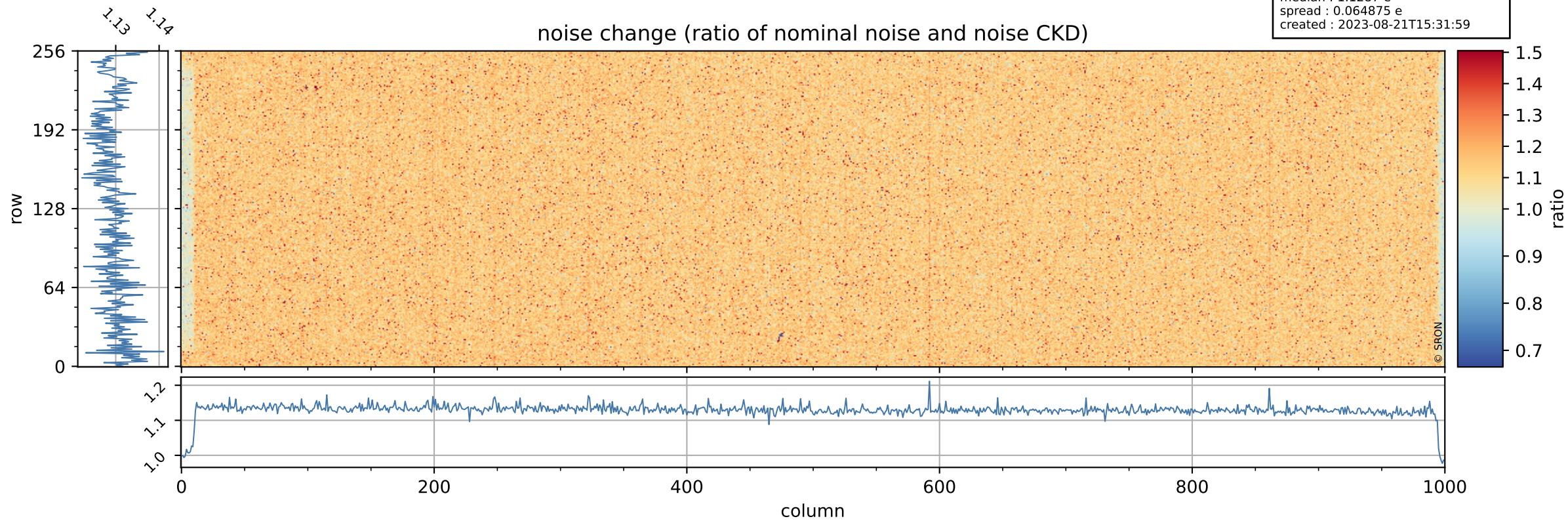
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13522, 13597]
coverage : 2020-05-22 / 2020-05-28
median : 1.0022 e
spread : 0.009045 e
created : 2023-08-21T15:31:58



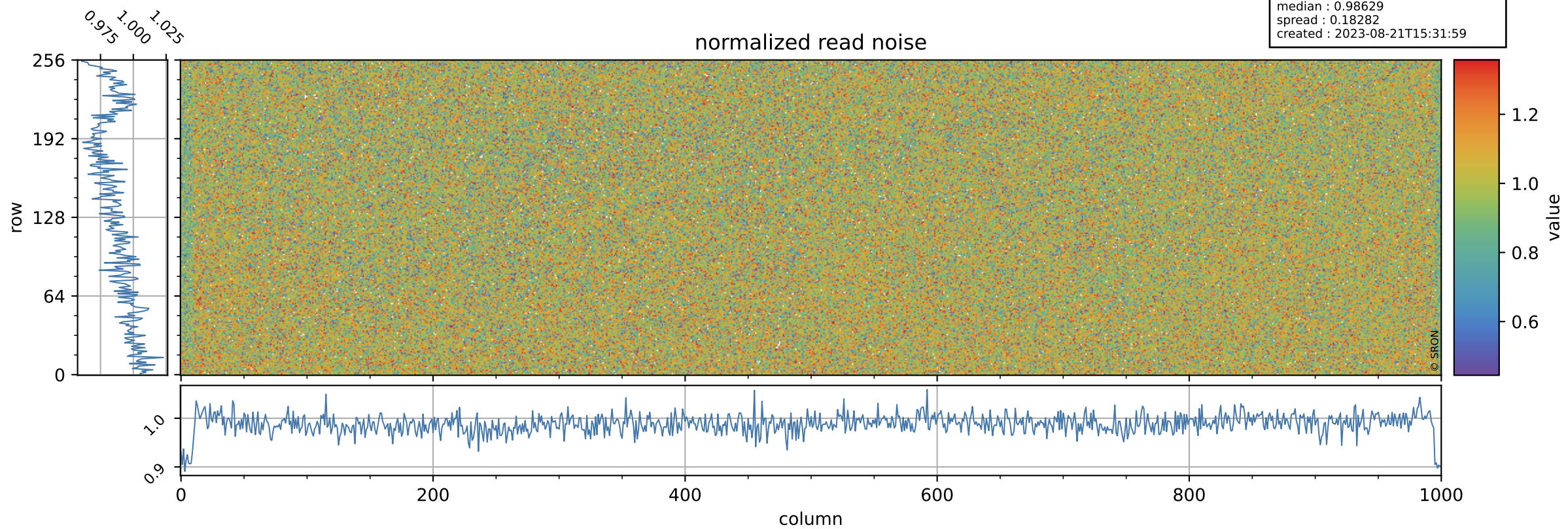
Tropomi SWIR background noise (swir)

orbits : 12 in [13522, 13597]
coverage : 2020-05-22 / 2020-05-28
median : 1.1287 e
spread : 0.064875 e
created : 2023-08-21T15:31:59



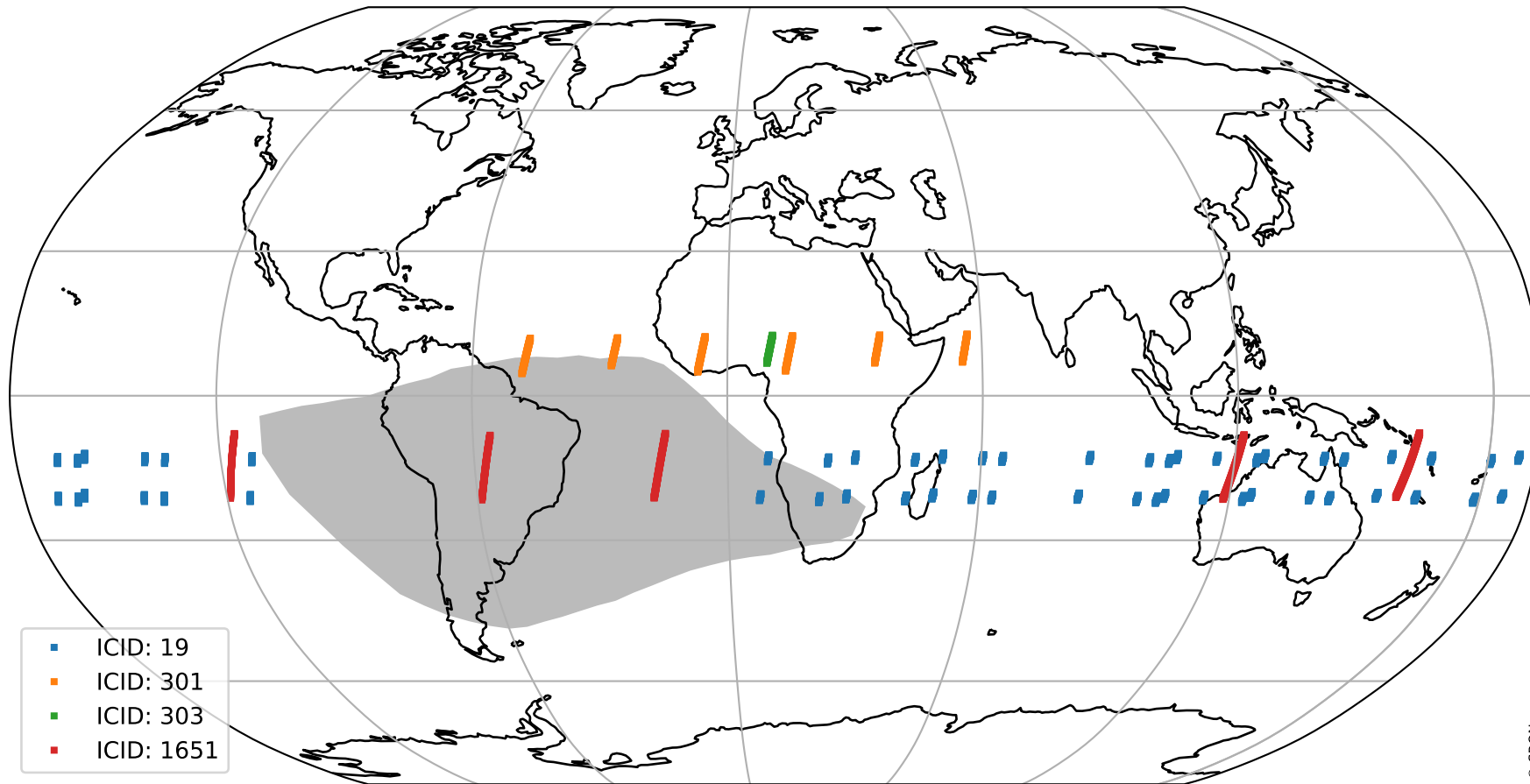
Tropomi SWIR background noise (swir)

orbits : 12 in [13522, 13597]
coverage : 2020-05-22 / 2020-05-28
median : 0.98629
spread : 0.18282
created : 2023-08-21T15:31:59



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

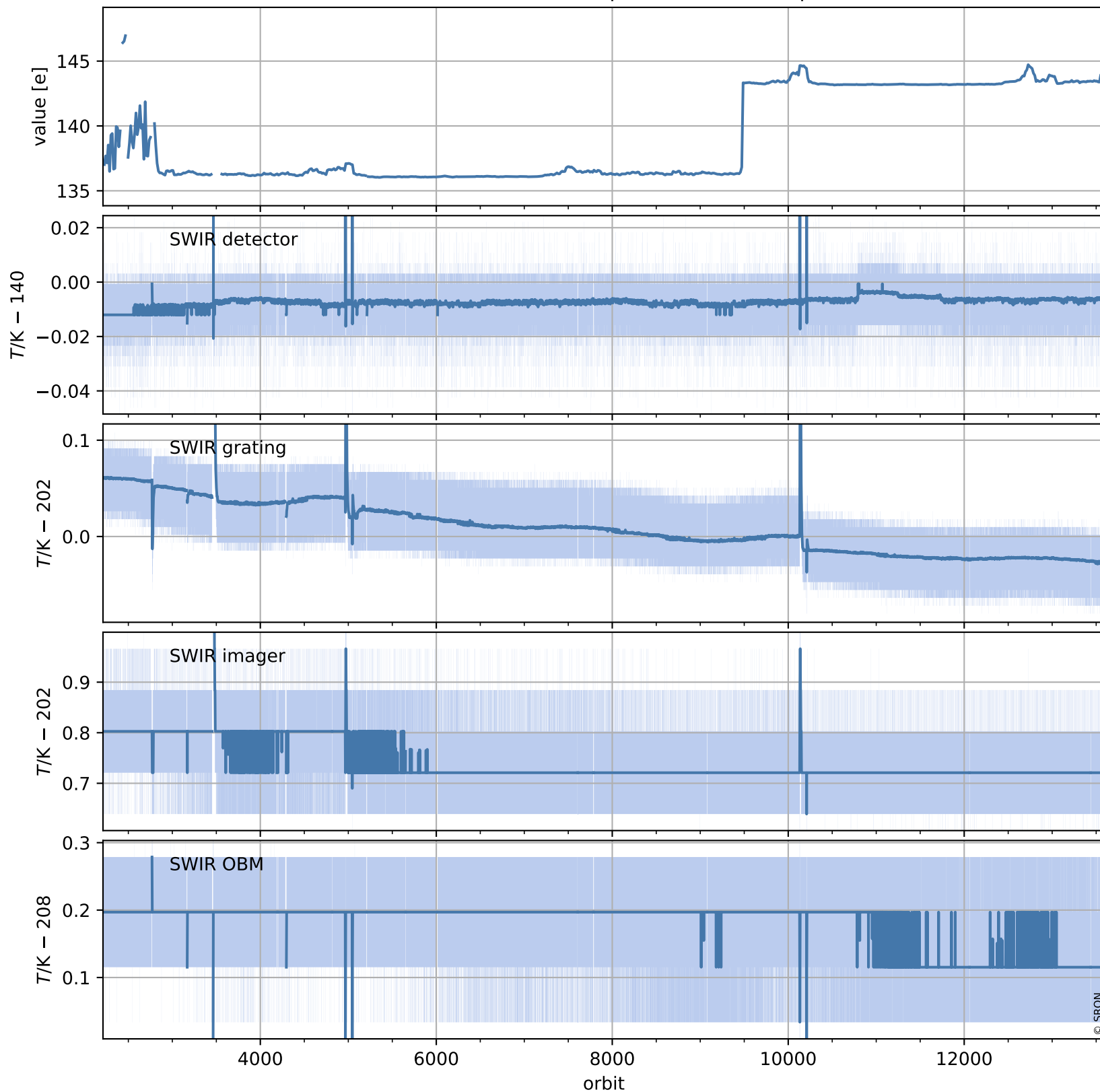
orbits : 12 in [13522, 13597]
coverage : 2020-05-22 / 2020-05-28
created : 2023-08-21T15:31:59



Tropomi SWIR background noise (swir)

orbits : [2212, 13597]
coverage : 2018-03-18 / 2020-05-28
created : 2023-08-21T15:31:59

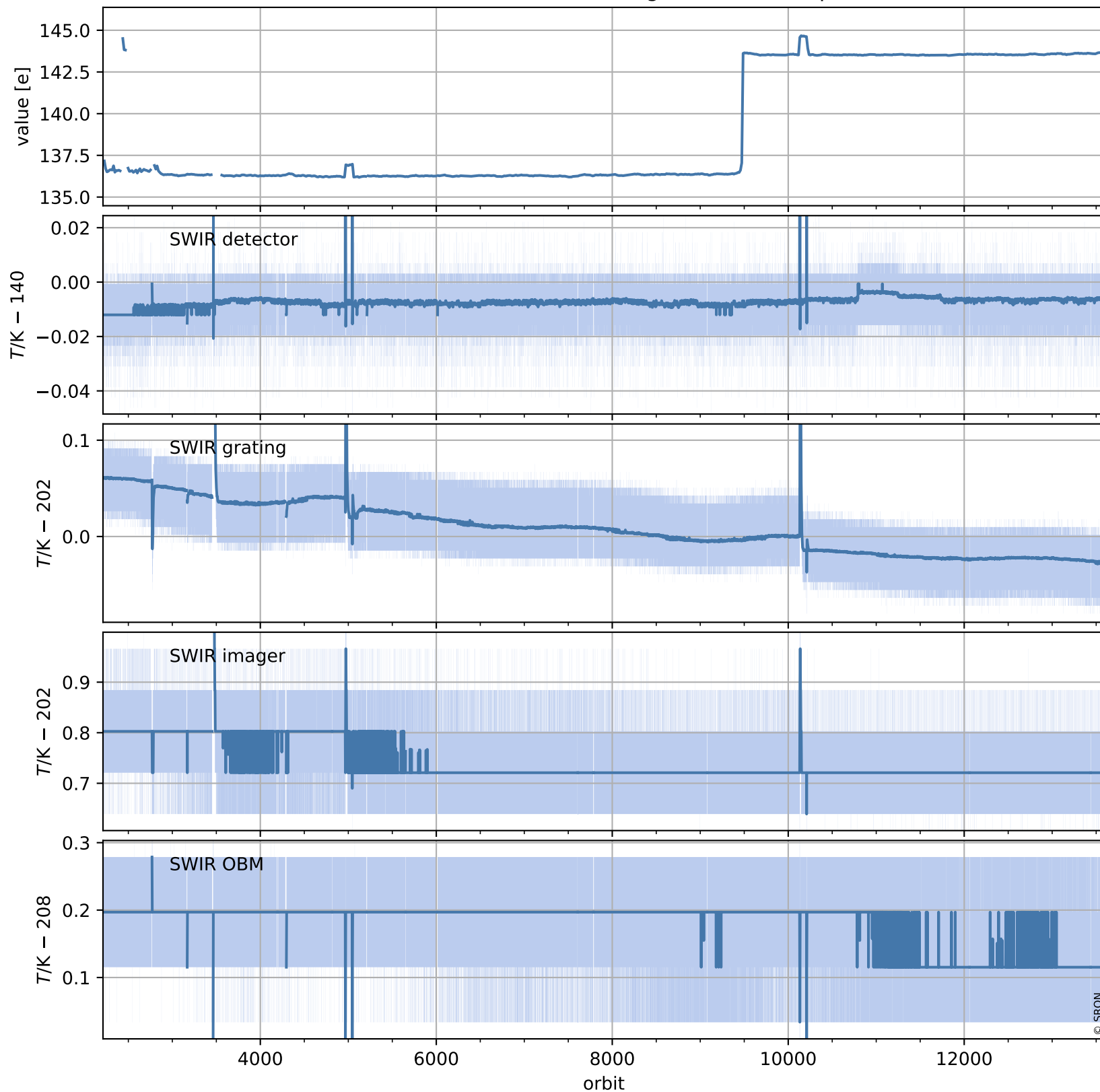
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13597]
coverage : 2018-03-18 / 2020-05-28
created : 2023-08-21T15:32:00

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13597]
coverage : 2018-03-18 / 2020-05-28
created : 2023-08-21T15:32:01

trend of normalized read-noise & temperatures

