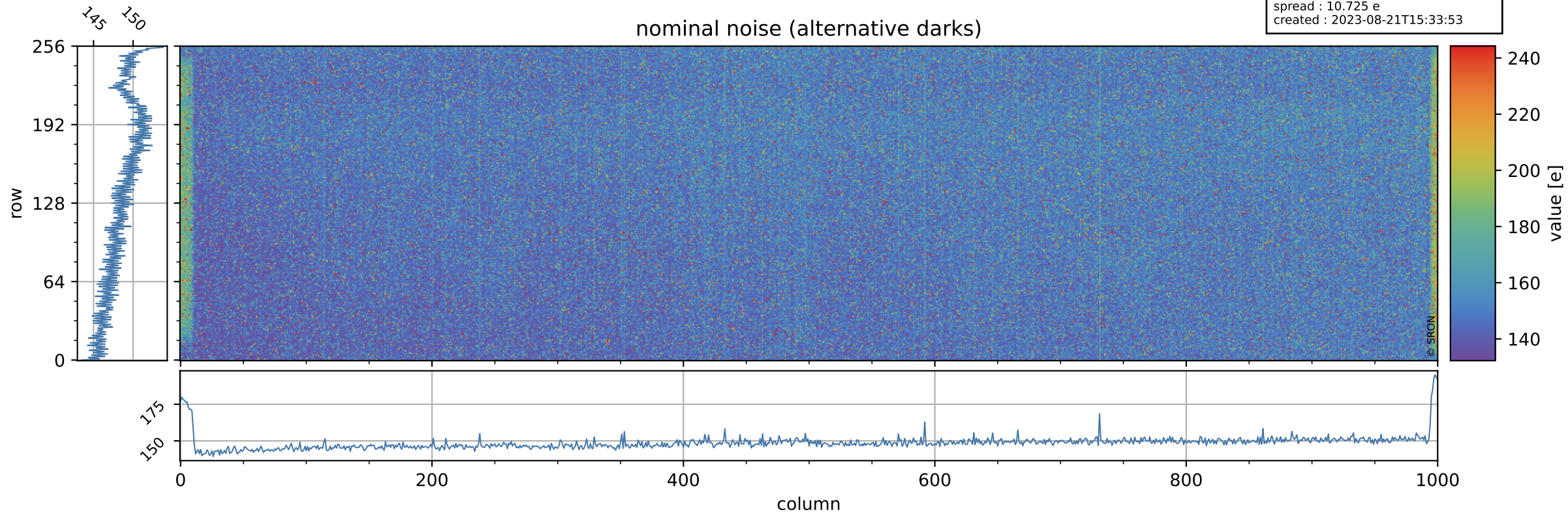


Tropomi SWIR background noise (swir)

orbits : 12 in [13882, 13957]
coverage : 2020-06-17 / 2020-06-22
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.725 e
created : 2023-08-21T15:33:53

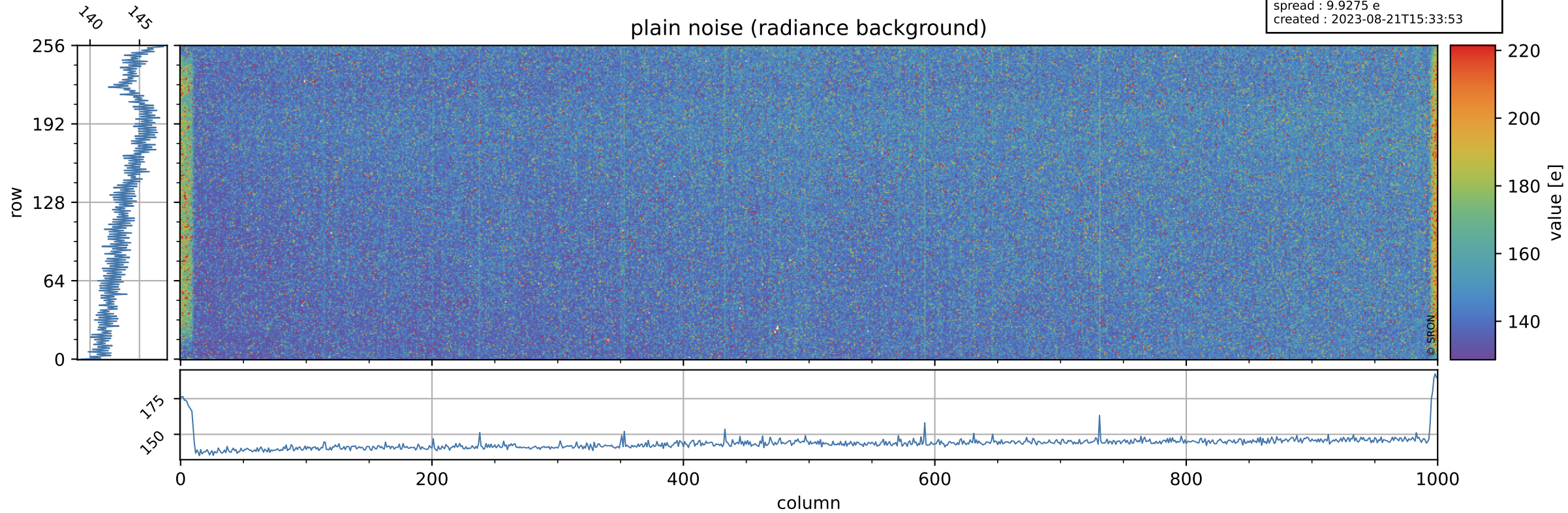
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13882, 13957]
coverage : 2020-06-17 / 2020-06-22
n_coad, t_exp : 1, 0.8383
median : 143.51 e
spread : 9.9275 e
created : 2023-08-21T15:33:53

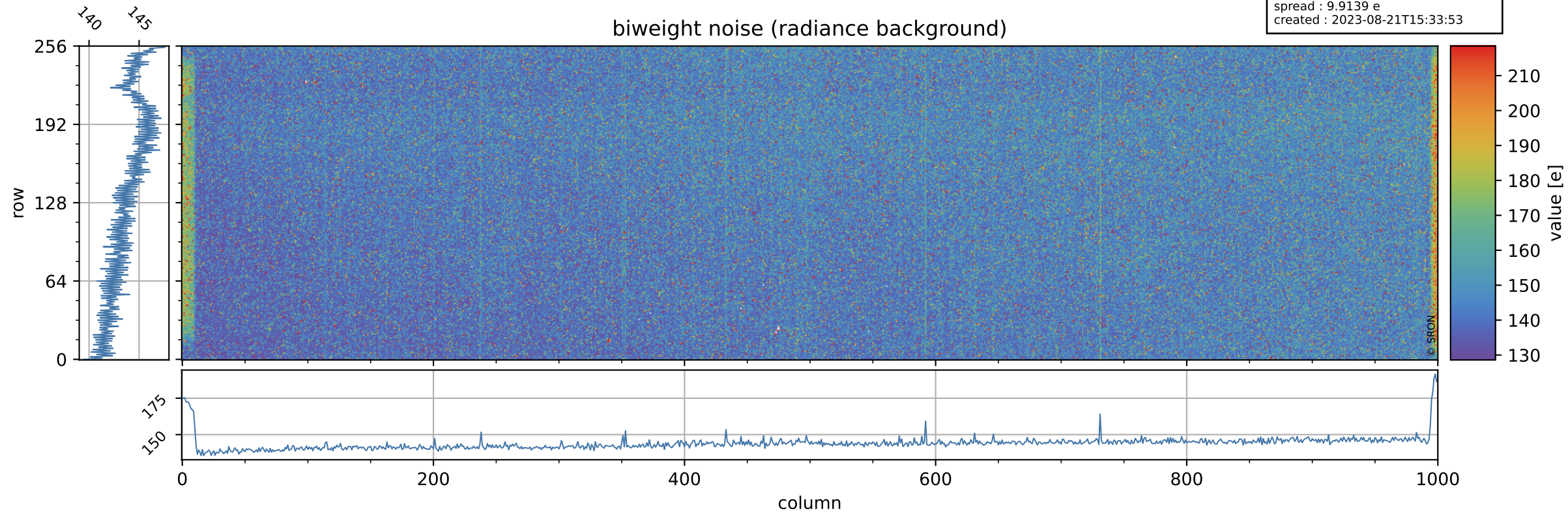
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13882, 13957]
coverage : 2020-06-17 / 2020-06-22
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.9139 e
created : 2023-08-21T15:33:53

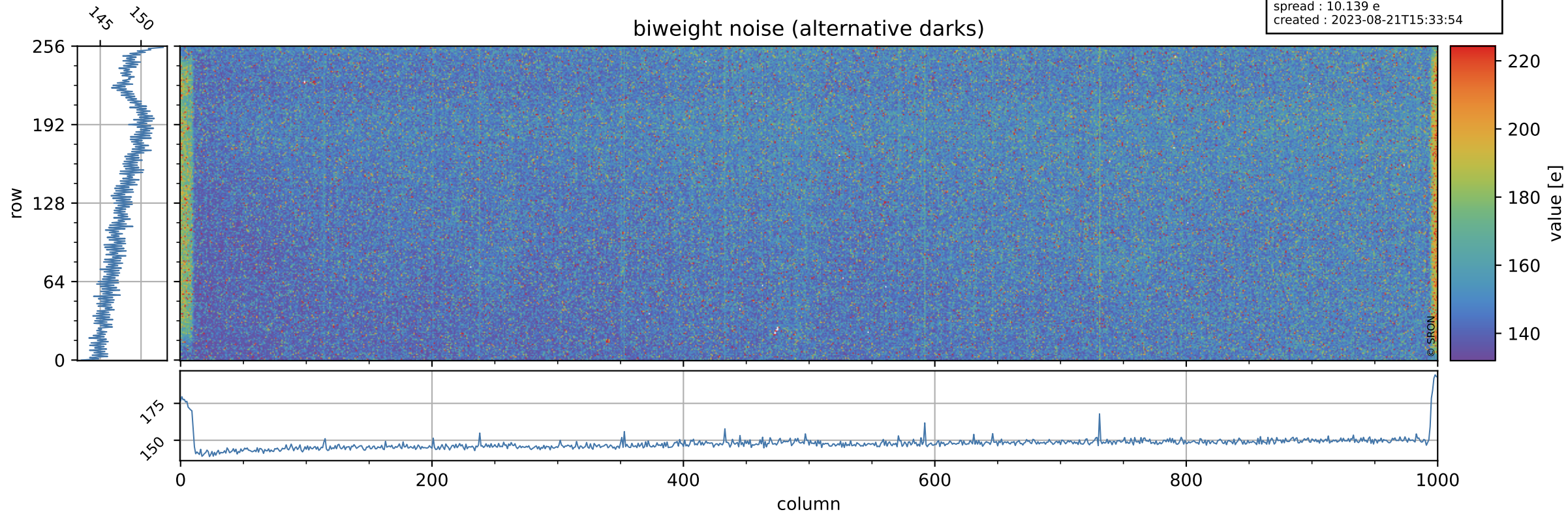
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13882, 13957]
coverage : 2020-06-17 / 2020-06-22
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.139 e
created : 2023-08-21T15:33:54

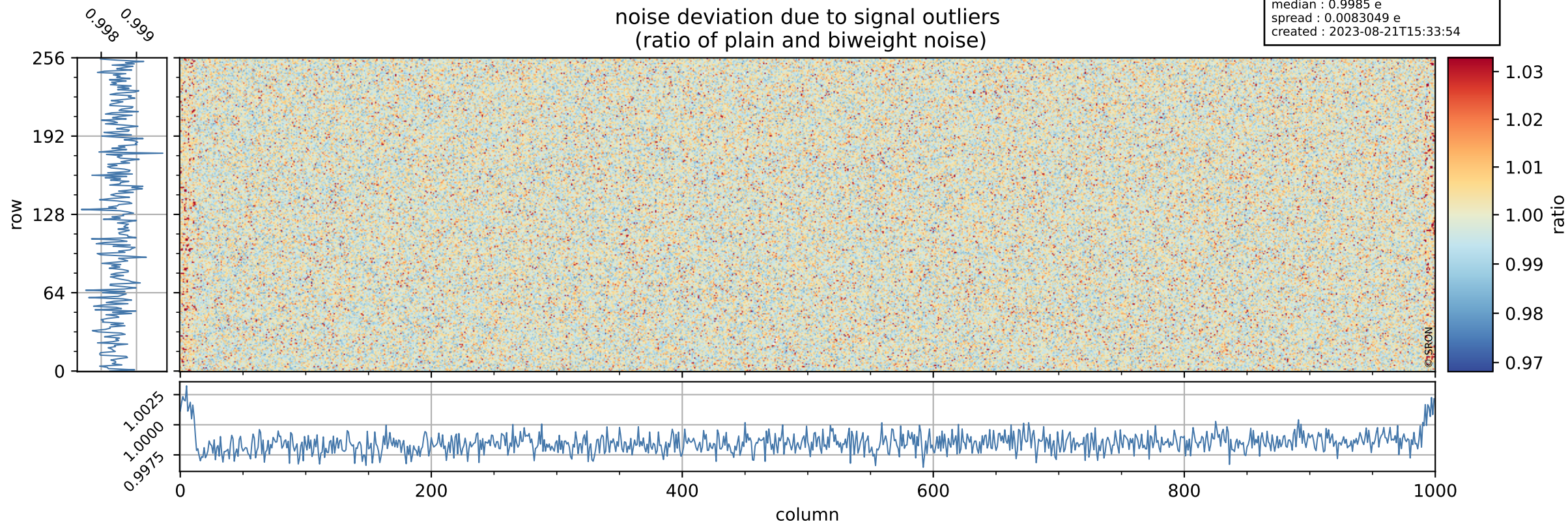
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

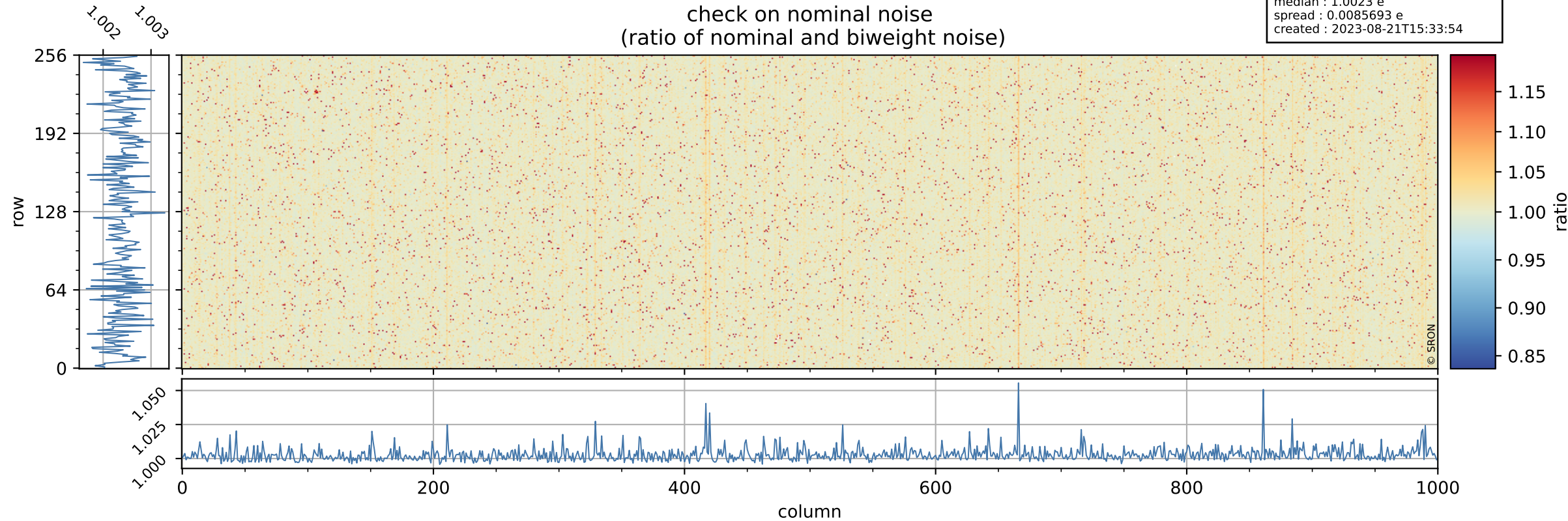
orbits : 12 in [13882, 13957]
coverage : 2020-06-17 / 2020-06-22
median : 0.9985 e
spread : 0.0083049 e
created : 2023-08-21T15:33:54



Tropomi SWIR background noise (swir)

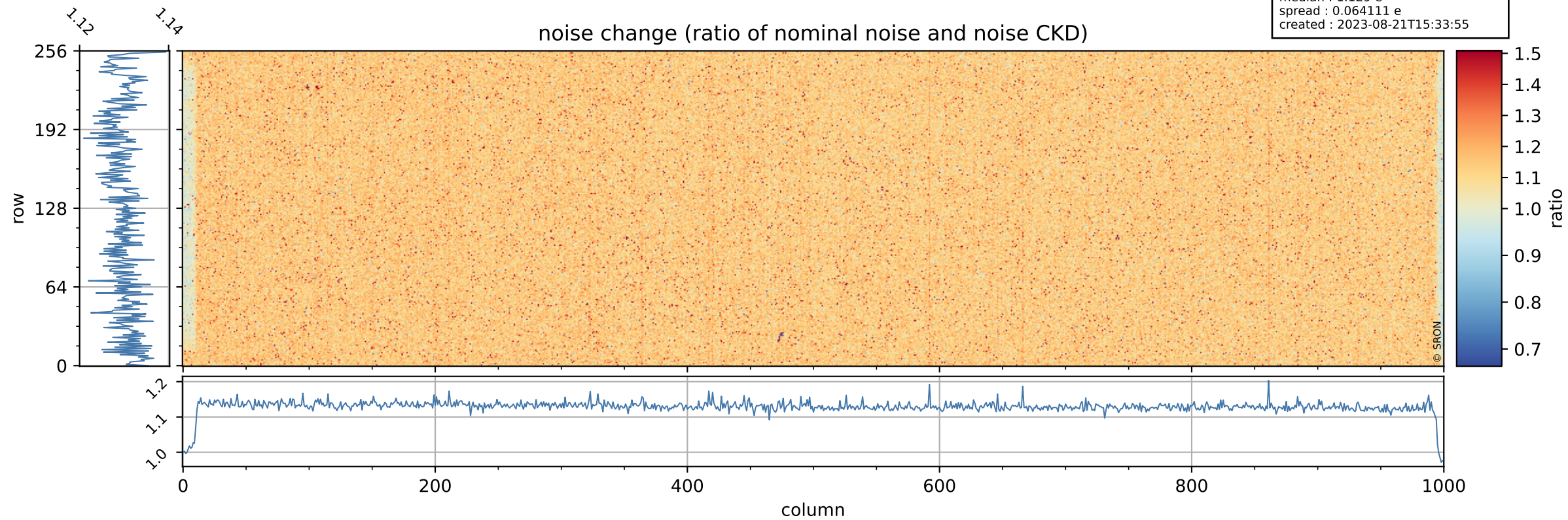
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13882, 13957]
coverage : 2020-06-17 / 2020-06-22
median : 1.0023 e
spread : 0.0085693 e
created : 2023-08-21T15:33:54



Tropomi SWIR background noise (swir)

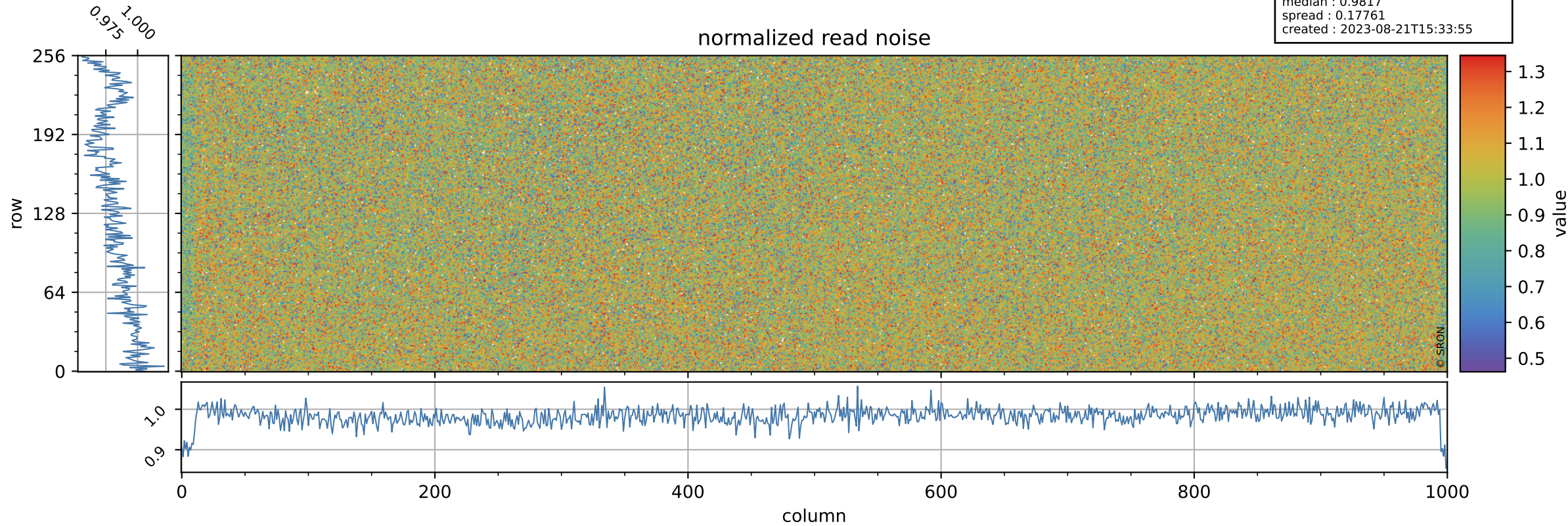
orbits : 12 in [13882, 13957]
coverage : 2020-06-17 / 2020-06-22
median : 1.129 e
spread : 0.064111 e
created : 2023-08-21T15:33:55



Tropomi SWIR background noise (swir)

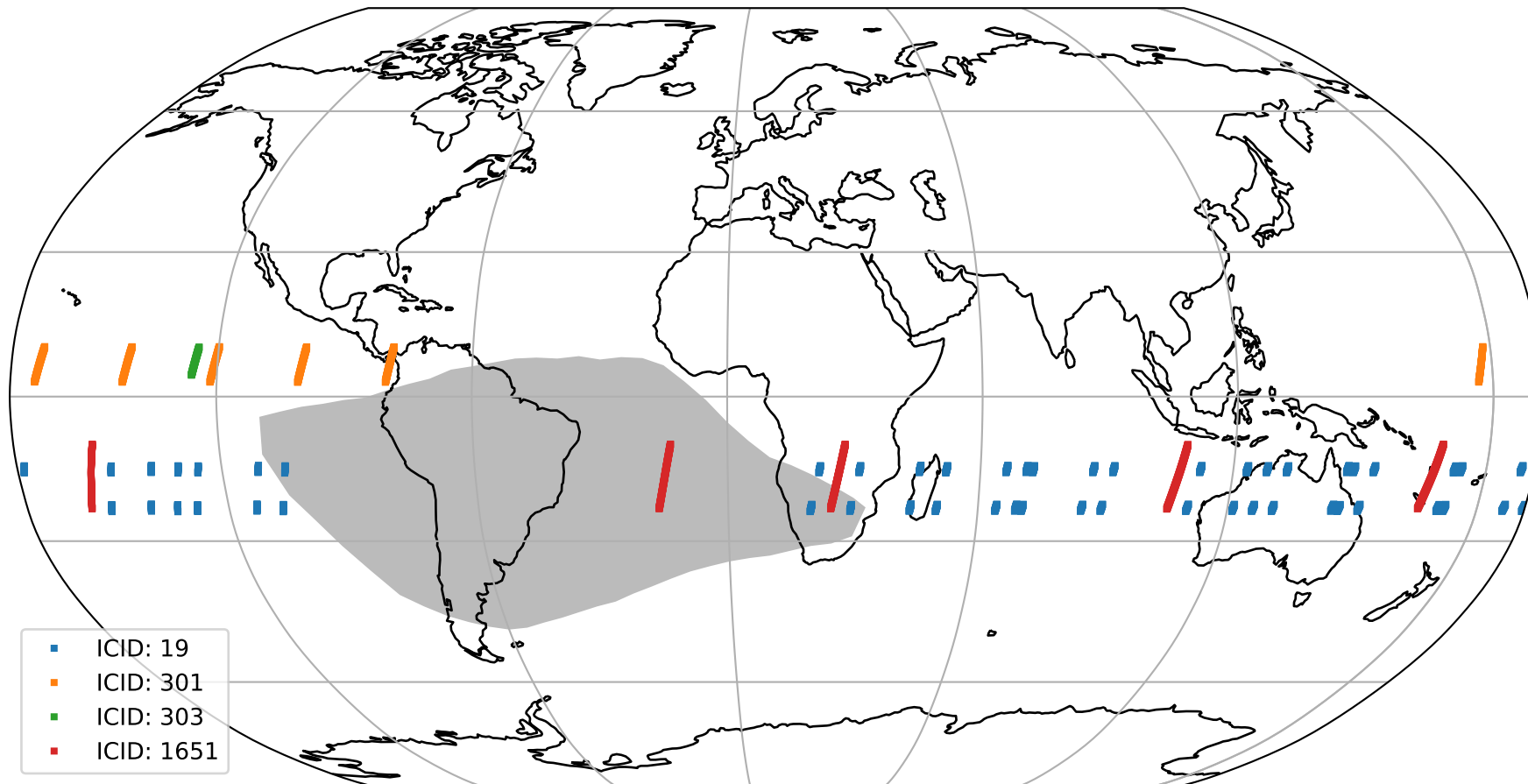
orbits : 12 in [13882, 13957]
coverage : 2020-06-17 / 2020-06-22
median : 0.9817
spread : 0.17761
created : 2023-08-21T15:33:55

normalized read noise



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

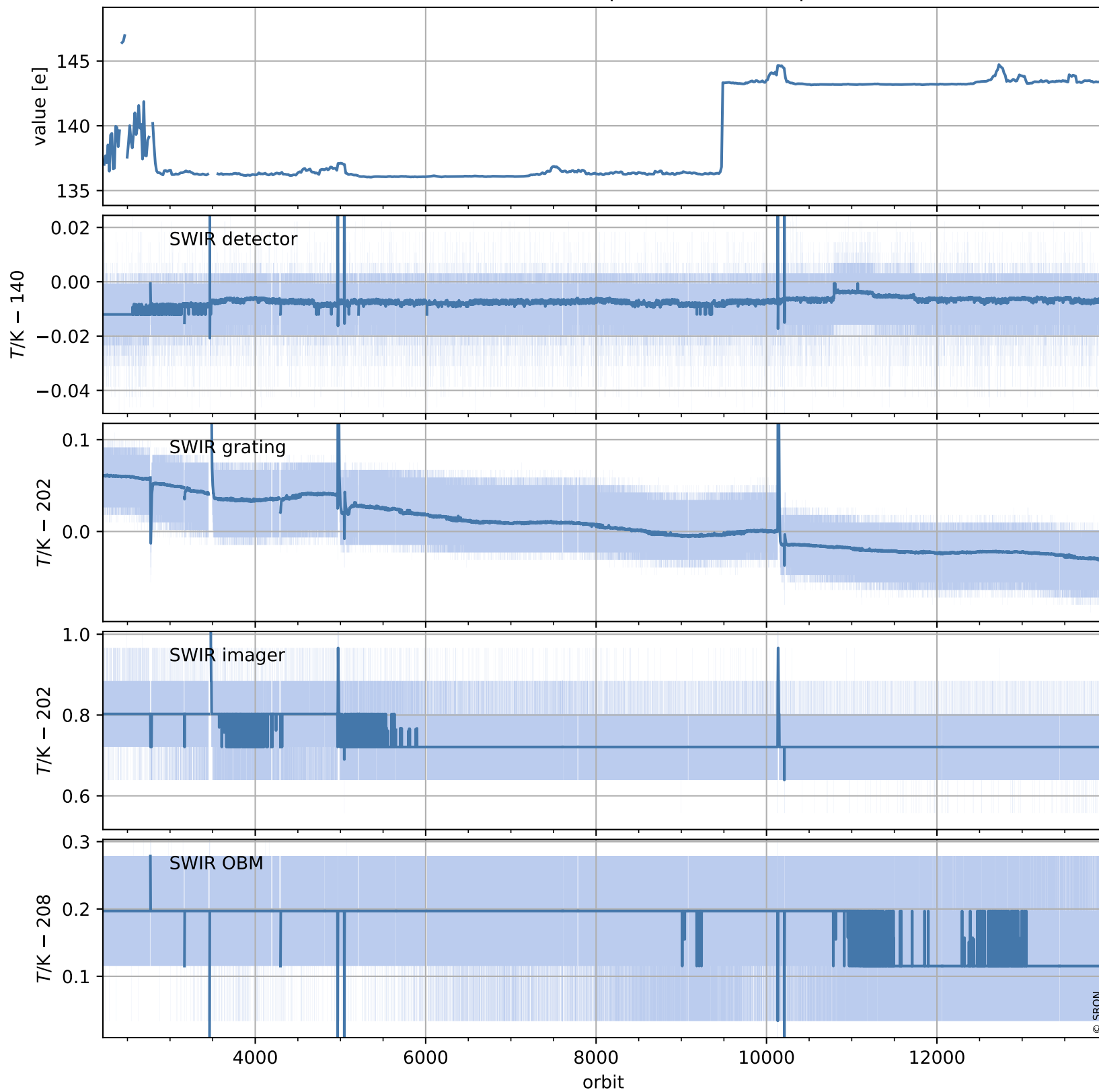
orbits : 12 in [13882, 13957]
coverage : 2020-06-17 / 2020-06-22
created : 2023-08-21T15:33:55



Tropomi SWIR background noise (swir)

orbits : [2212, 13957]
coverage : 2018-03-18 / 2020-06-22
created : 2023-08-21T15:33:56

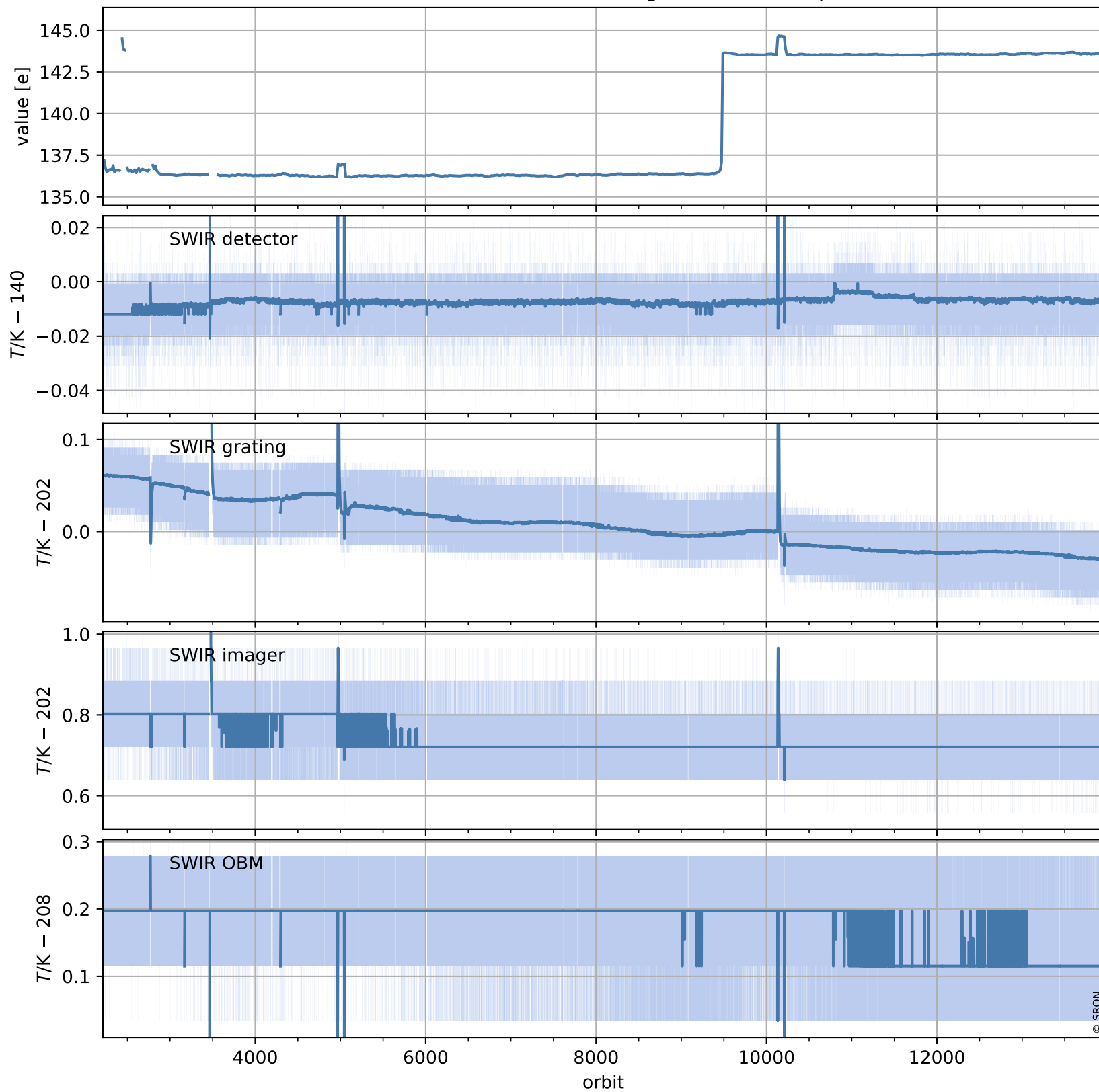
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13957]
coverage : 2018-03-18 / 2020-06-22
created : 2023-08-21T15:33:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13957]
coverage : 2018-03-18 / 2020-06-22
created : 2023-08-21T15:33:57

trend of normalized read-noise & temperatures

