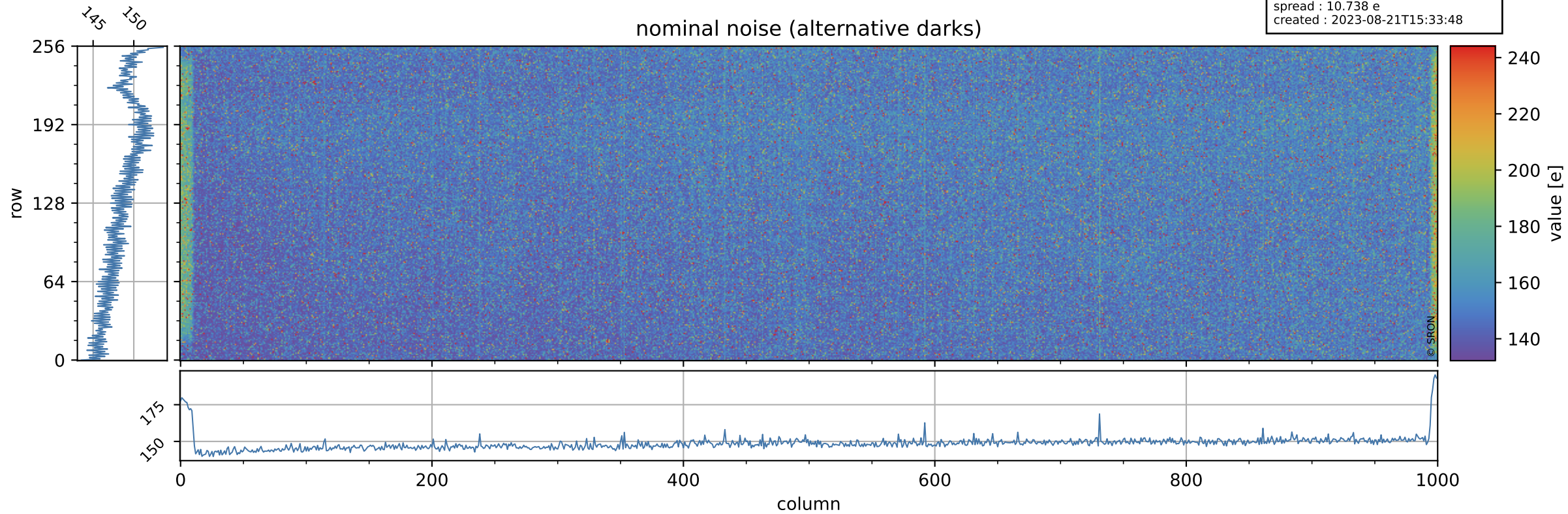


Tropomi SWIR background noise (swir)

orbits : 12 in [13852, 13942]
coverage : 2020-06-16 / 2020-06-21
n_coad, t_exp : 1, 1.0783
median : 148.45 e
spread : 10.738 e
created : 2023-08-21T15:33:48

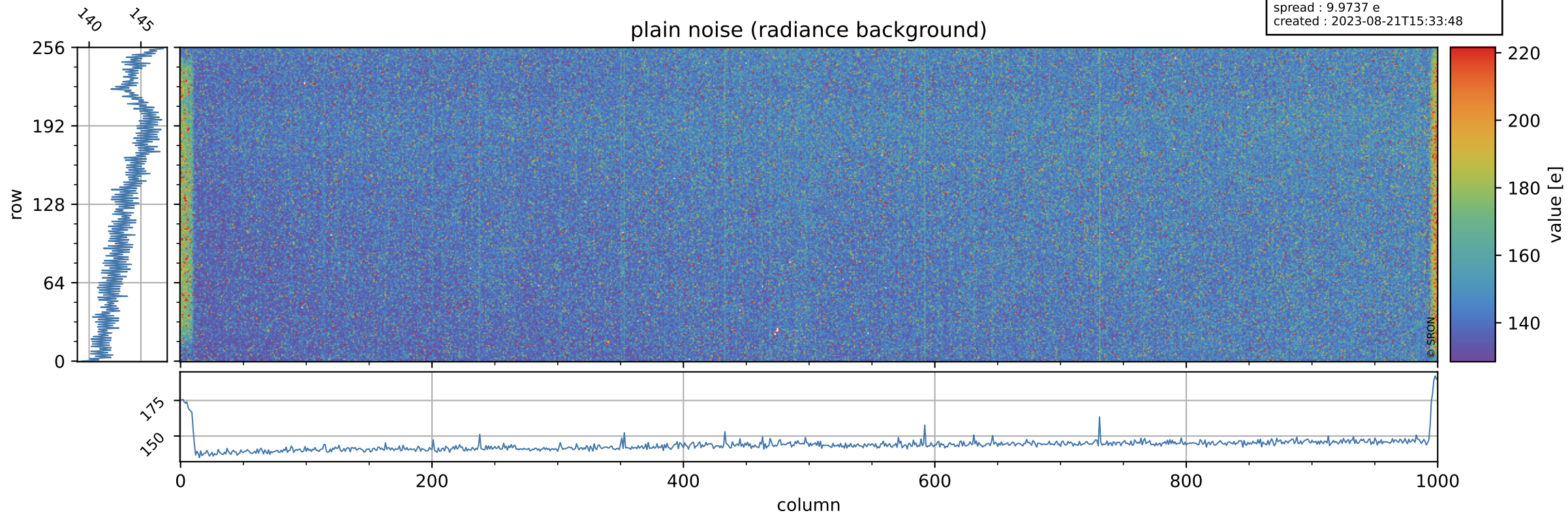
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13852, 13942]
coverage : 2020-06-16 / 2020-06-21
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.9737 e
created : 2023-08-21T15:33:48

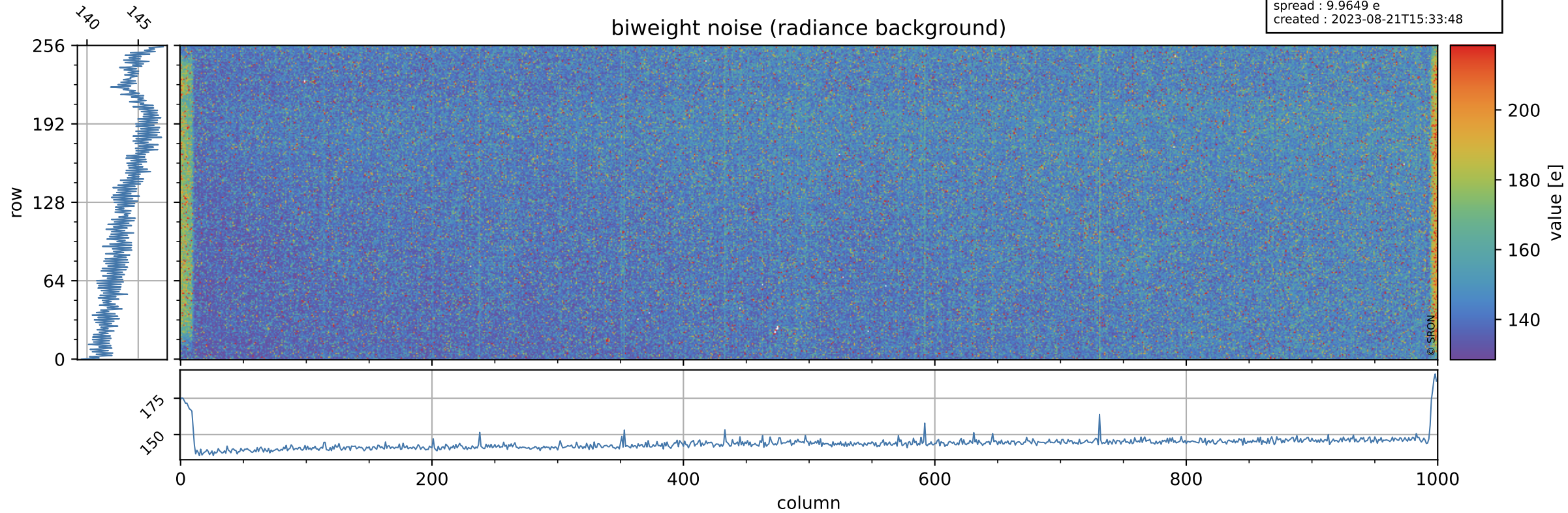
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13852, 13942]
coverage : 2020-06-16 / 2020-06-21
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.9649 e
created : 2023-08-21T15:33:48

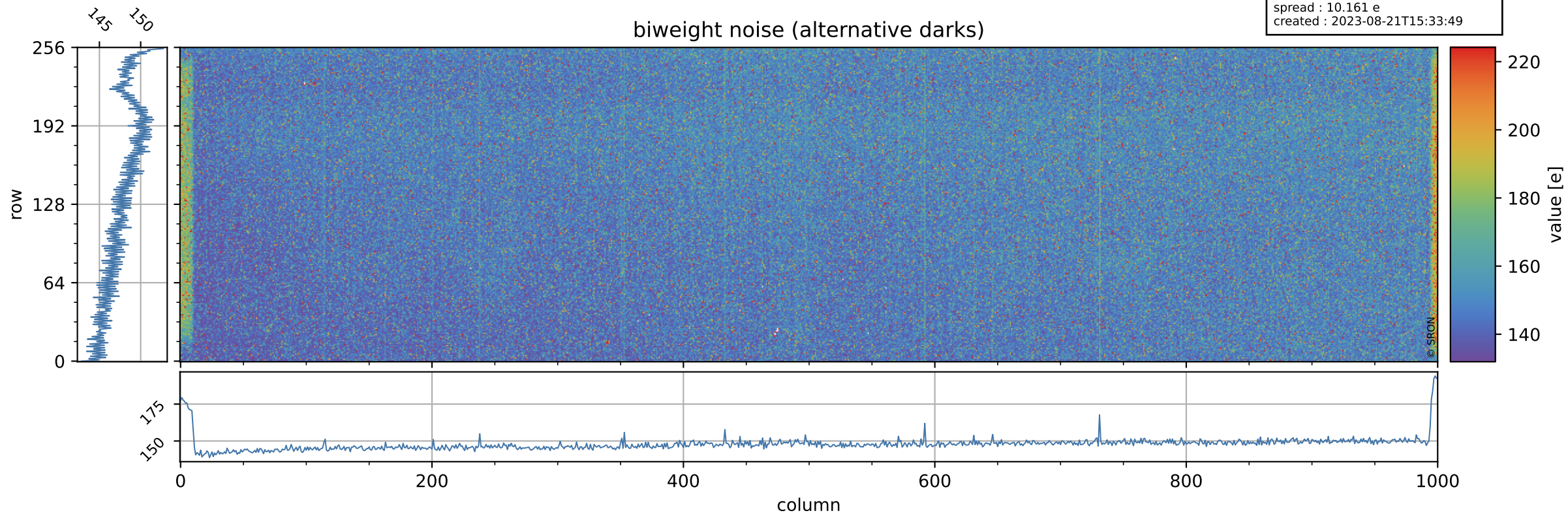
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13852, 13942]
coverage : 2020-06-16 / 2020-06-21
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.161 e
created : 2023-08-21T15:33:49

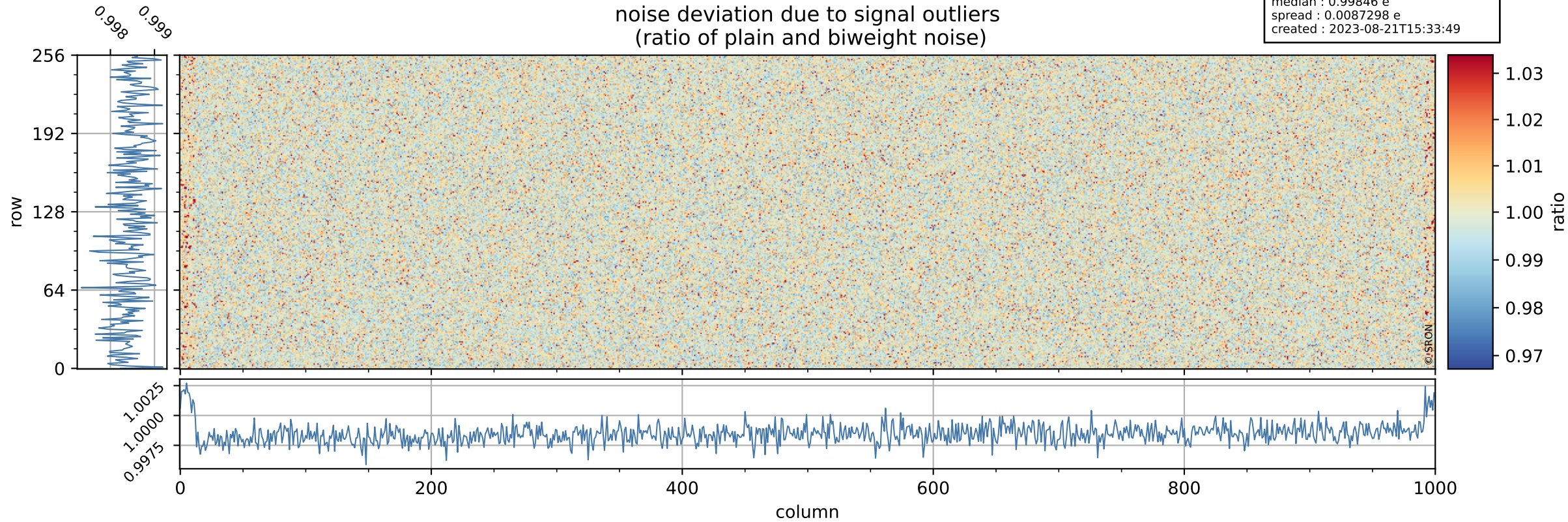
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

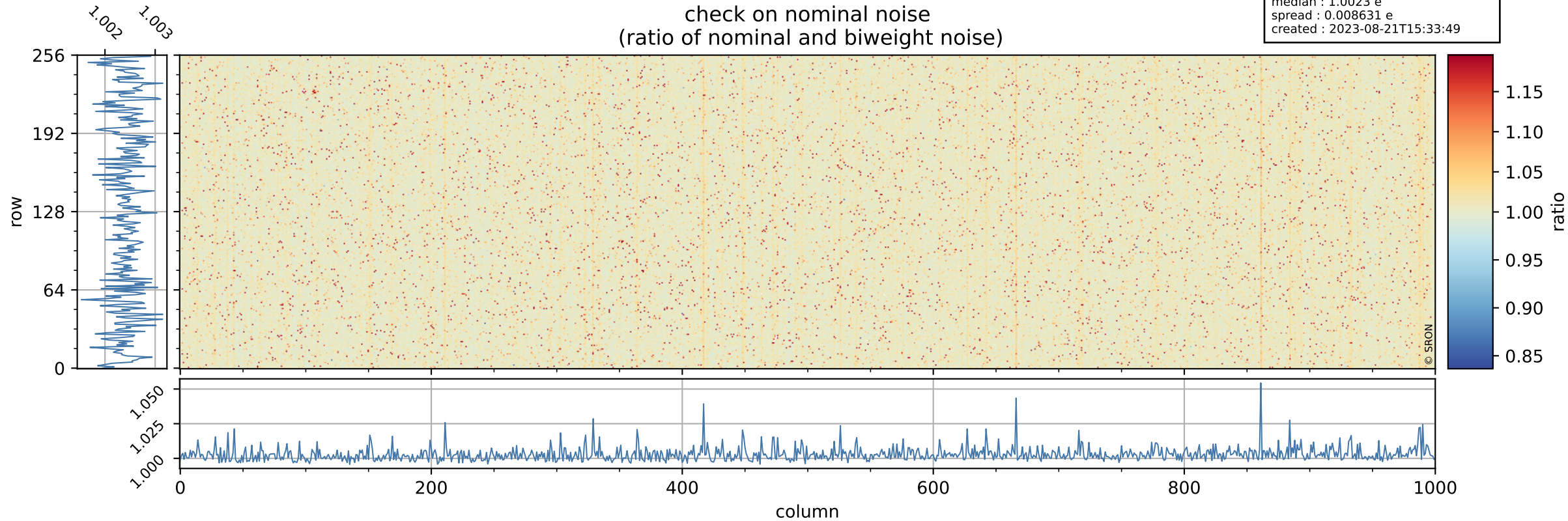
orbits : 12 in [13852, 13942]
coverage : 2020-06-16 / 2020-06-21
median : 0.99846 e
spread : 0.0087298 e
created : 2023-08-21T15:33:49



Tropomi SWIR background noise (swir)

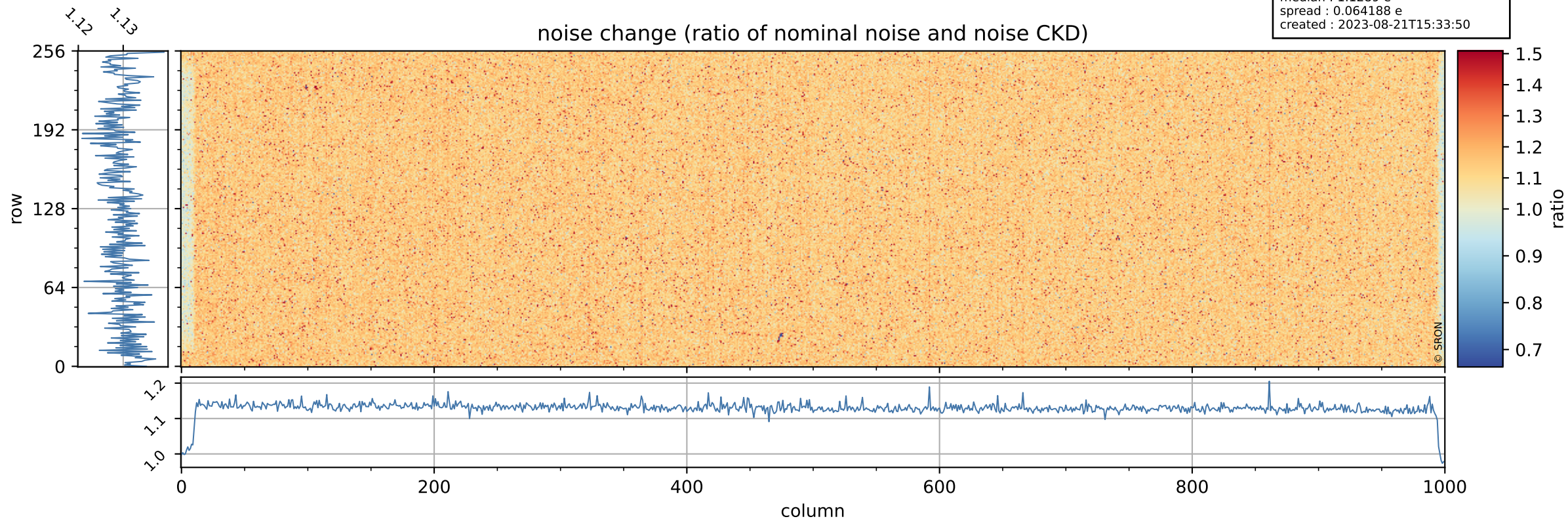
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13852, 13942]
coverage : 2020-06-16 / 2020-06-21
median : 1.0023 e
spread : 0.008631 e
created : 2023-08-21T15:33:49



Tropomi SWIR background noise (swir)

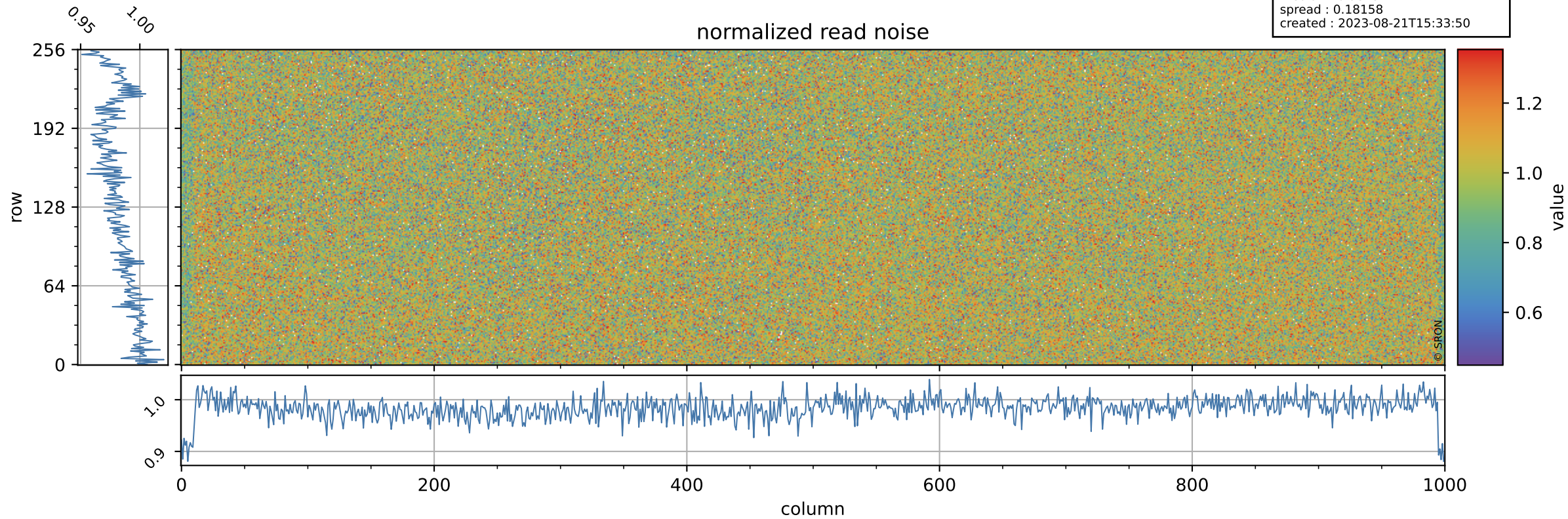
orbits : 12 in [13852, 13942]
coverage : 2020-06-16 / 2020-06-21
median : 1.1289 e
spread : 0.064188 e
created : 2023-08-21T15:33:50



Tropomi SWIR background noise (swir)

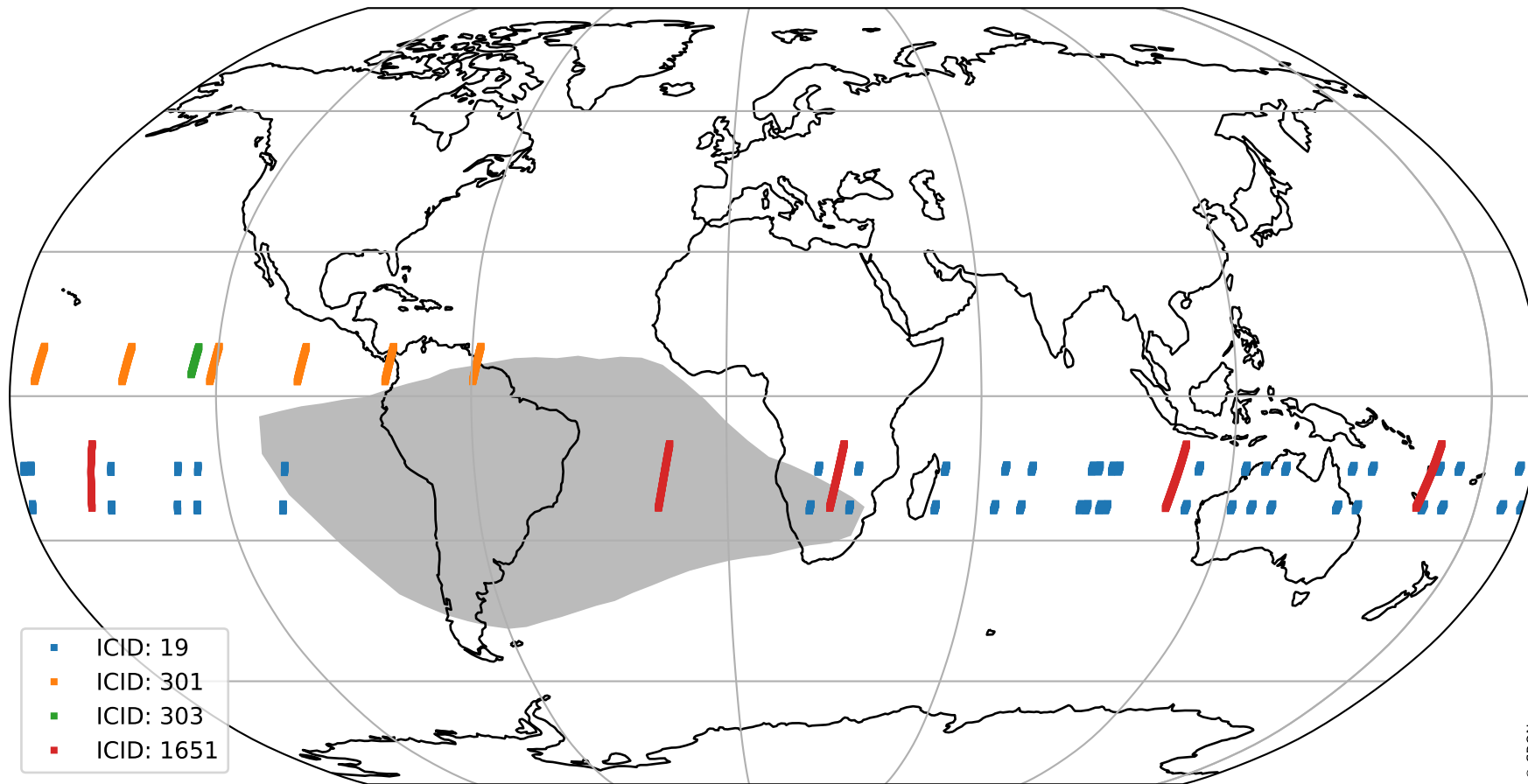
orbits : 12 in [13852, 13942]
coverage : 2020-06-16 / 2020-06-21
median : 0.98251
spread : 0.18158
created : 2023-08-21T15:33:50

normalized read noise



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

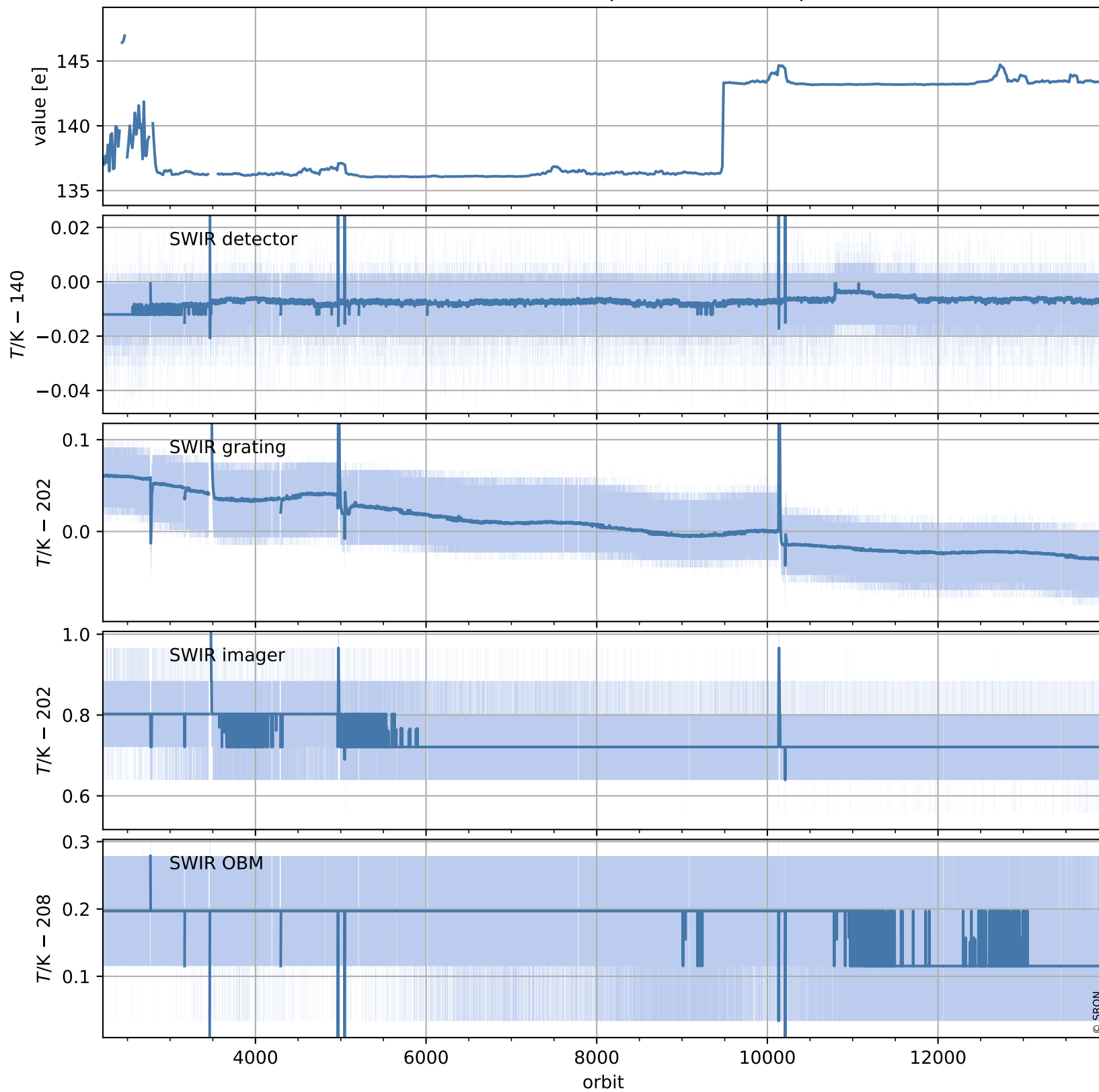
orbits : 12 in [13852, 13942]
coverage : 2020-06-16 / 2020-06-21
created : 2023-08-21T15:33:50



Tropomi SWIR background noise (swir)

orbits : [2212, 13942]
coverage : 2018-03-18 / 2020-06-21
created : 2023-08-21T15:33:51

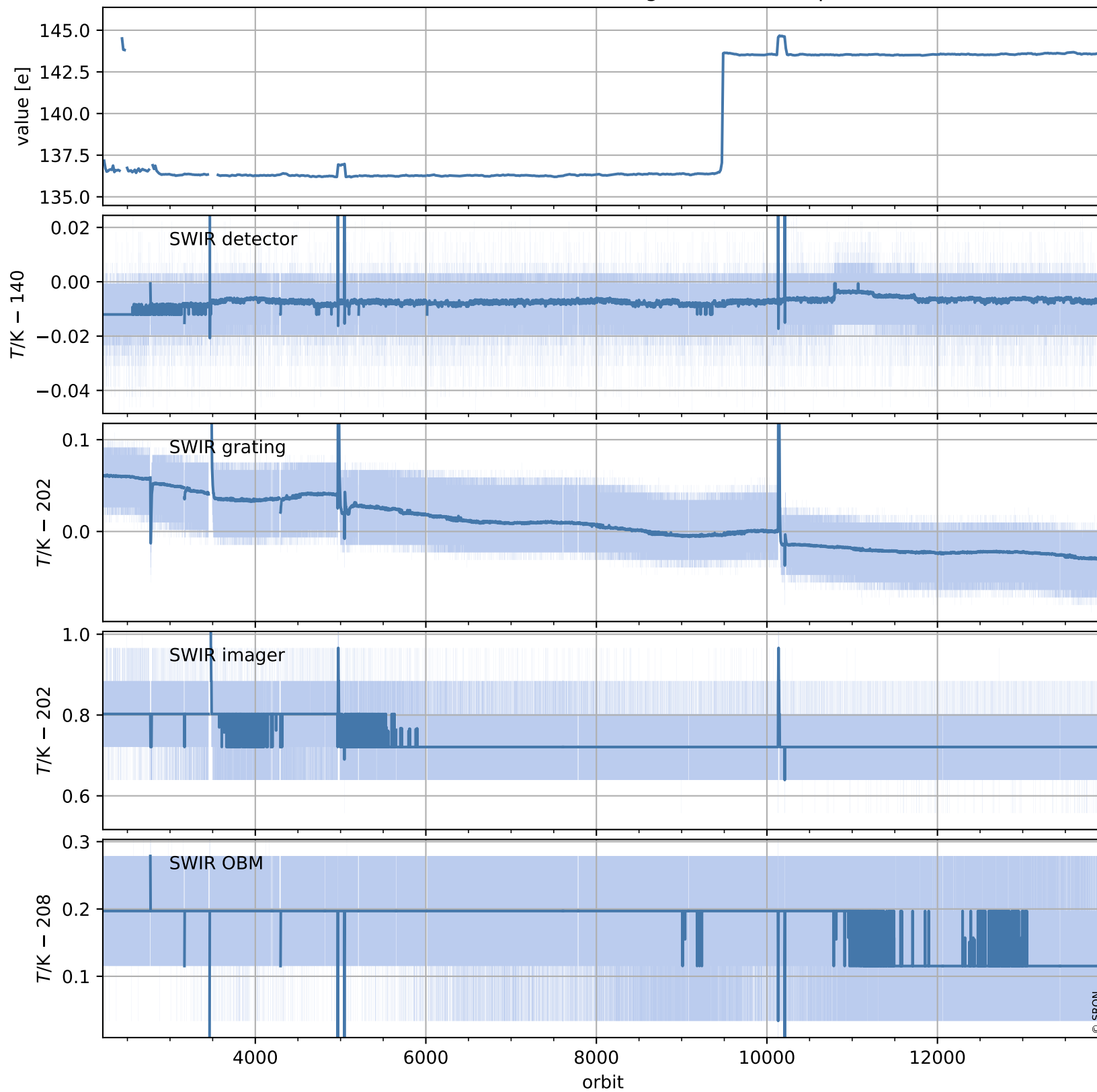
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13942]
coverage : 2018-03-18 / 2020-06-21
created : 2023-08-21T15:33:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13942]
coverage : 2018-03-18 / 2020-06-21
created : 2023-08-21T15:33:52

trend of normalized read-noise & temperatures

