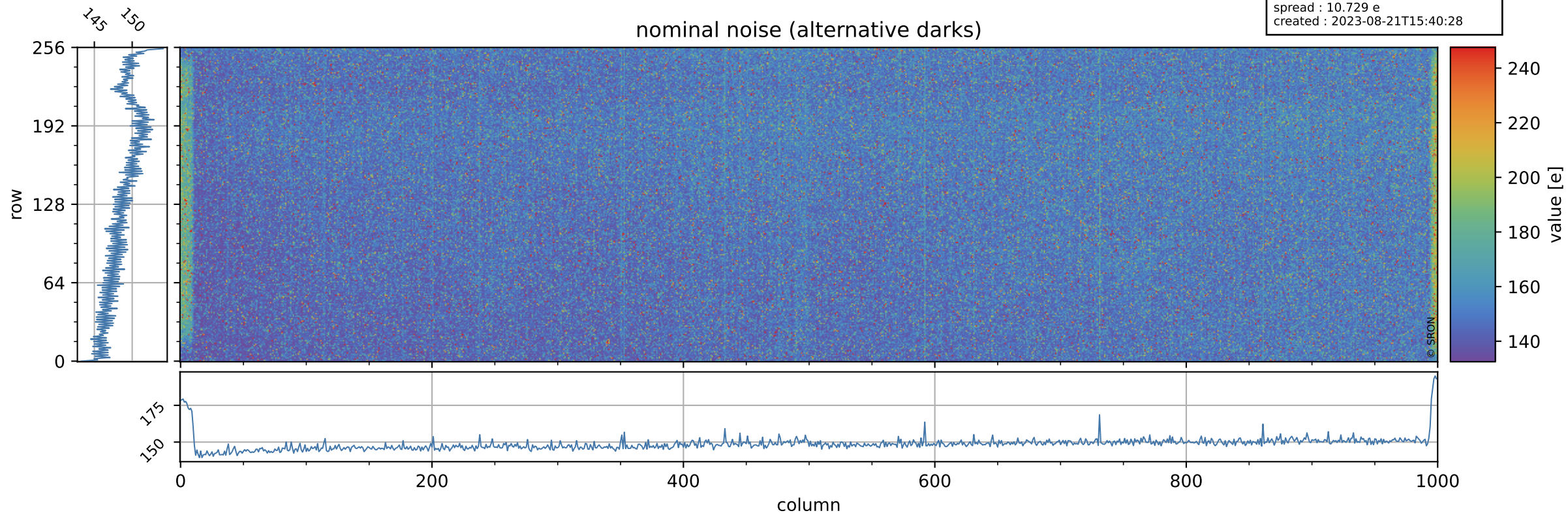


Tropomi SWIR background noise (swir)

orbits : 13 in [15067, 15157]
coverage : 2020-09-09 / 2020-09-15
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.729 e
created : 2023-08-21T15:40:28

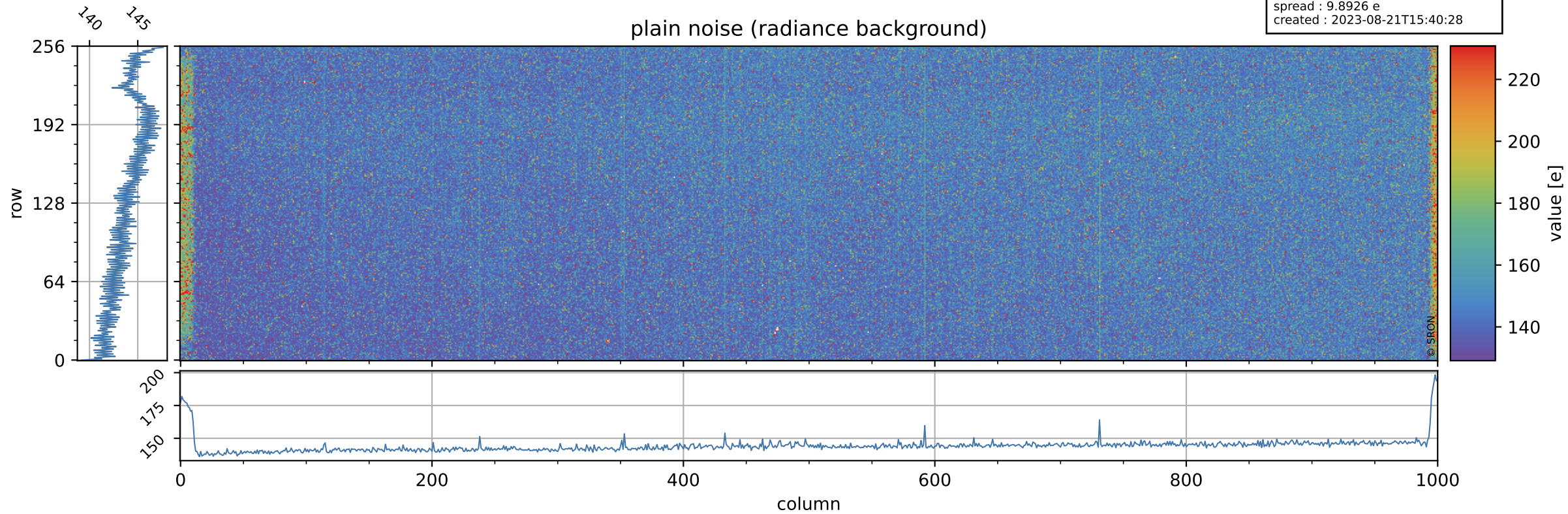
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [15067, 15157]
coverage : 2020-09-09 / 2020-09-15
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.8926 e
created : 2023-08-21T15:40:28

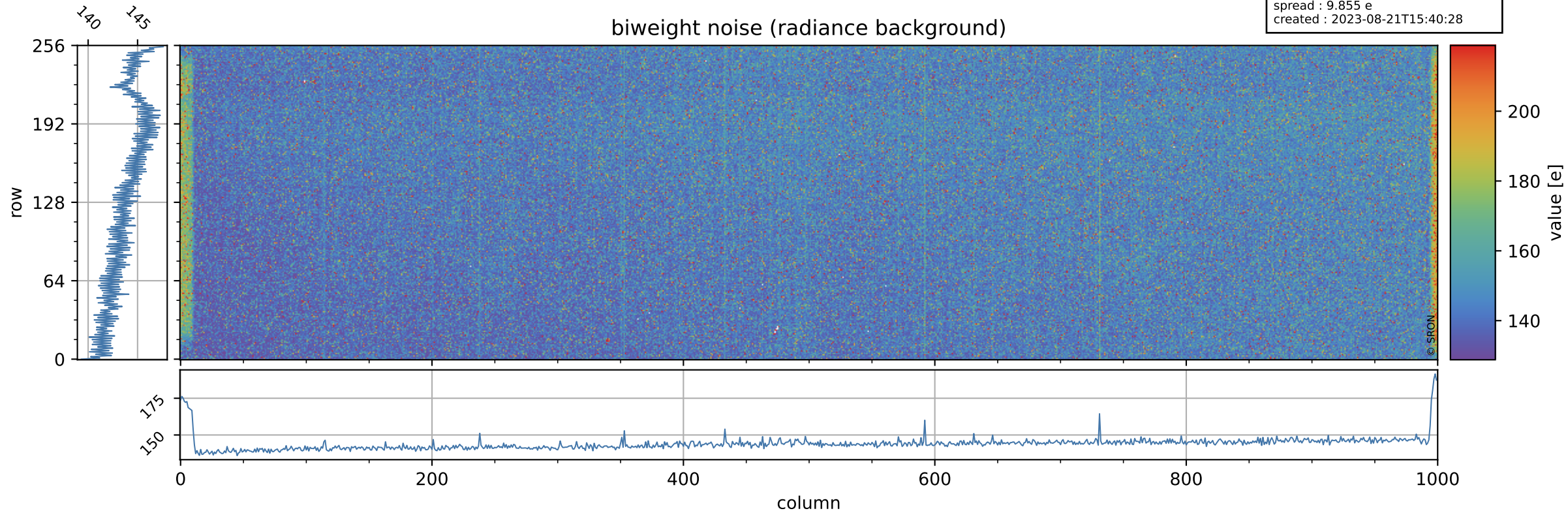
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [15067, 15157]
coverage : 2020-09-09 / 2020-09-15
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.855 e
created : 2023-08-21T15:40:28

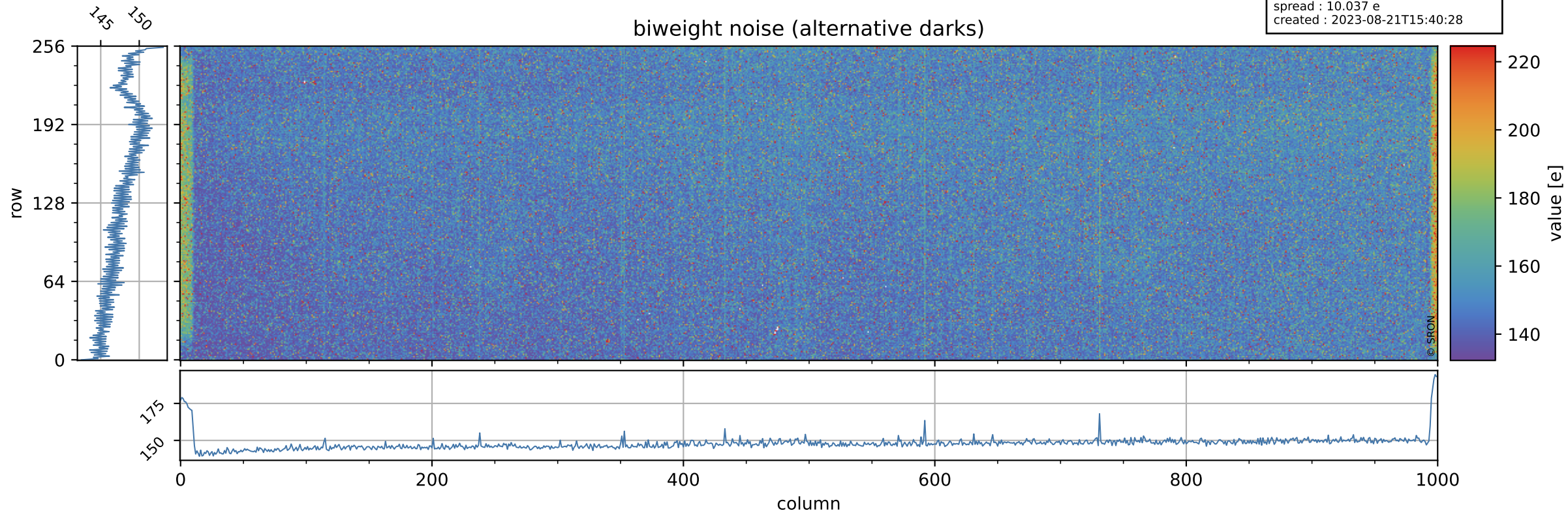
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [15067, 15157]
coverage : 2020-09-09 / 2020-09-15
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.037 e
created : 2023-08-21T15:40:28

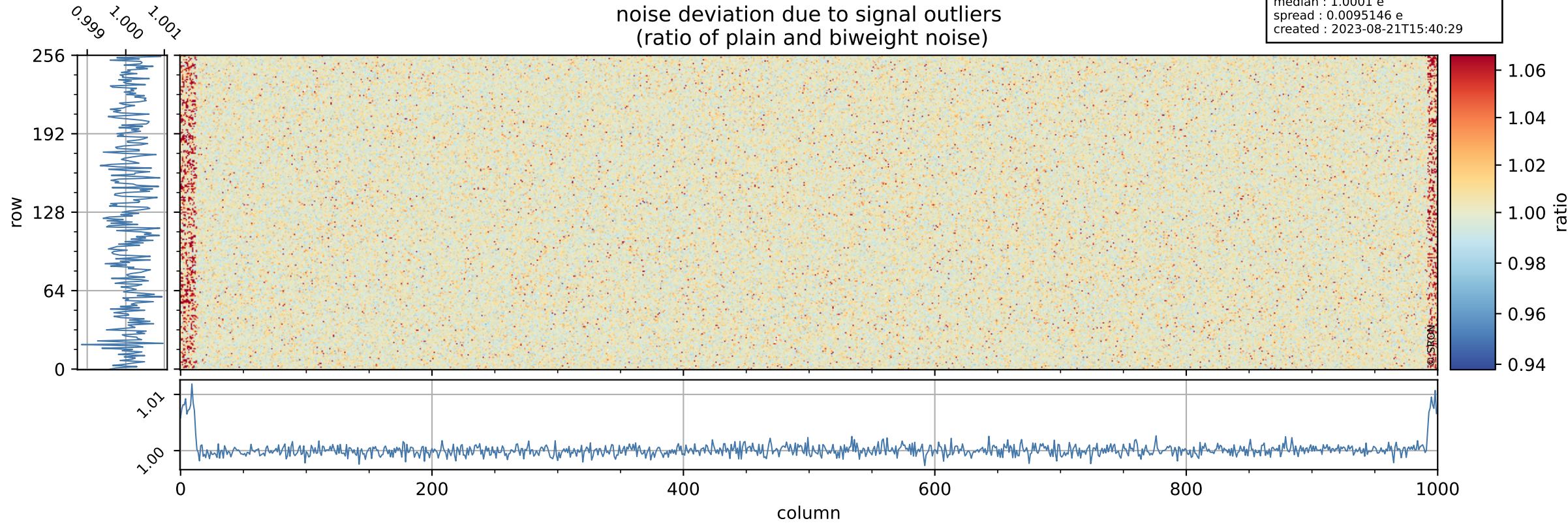
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

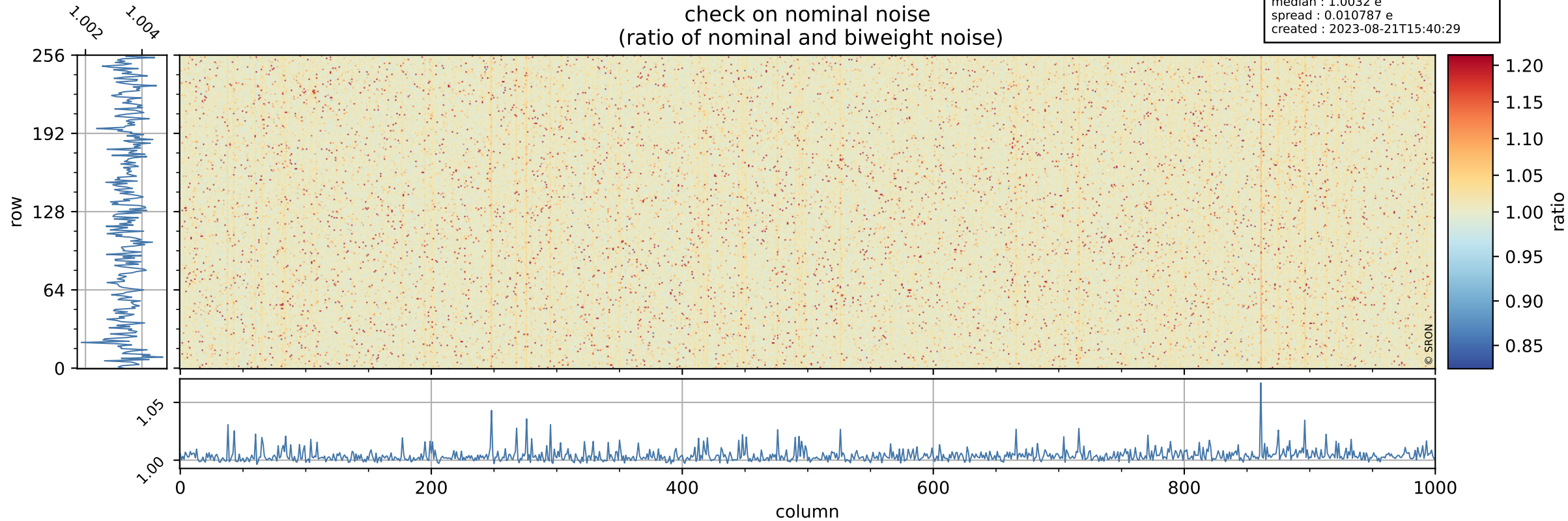
orbits : 13 in [15067, 15157]
coverage : 2020-09-09 / 2020-09-15
median : 1.0001 e
spread : 0.0095146 e
created : 2023-08-21T15:40:29



Tropomi SWIR background noise (swir)

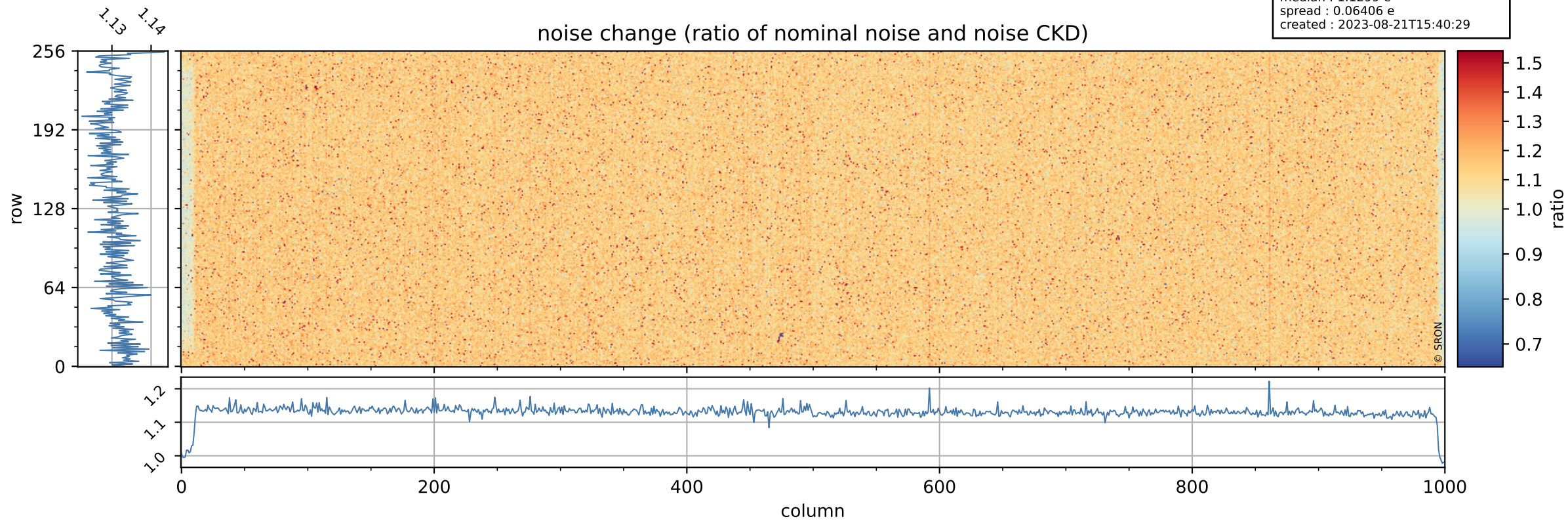
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [15067, 15157]
coverage : 2020-09-09 / 2020-09-15
median : 1.0032 e
spread : 0.010787 e
created : 2023-08-21T15:40:29



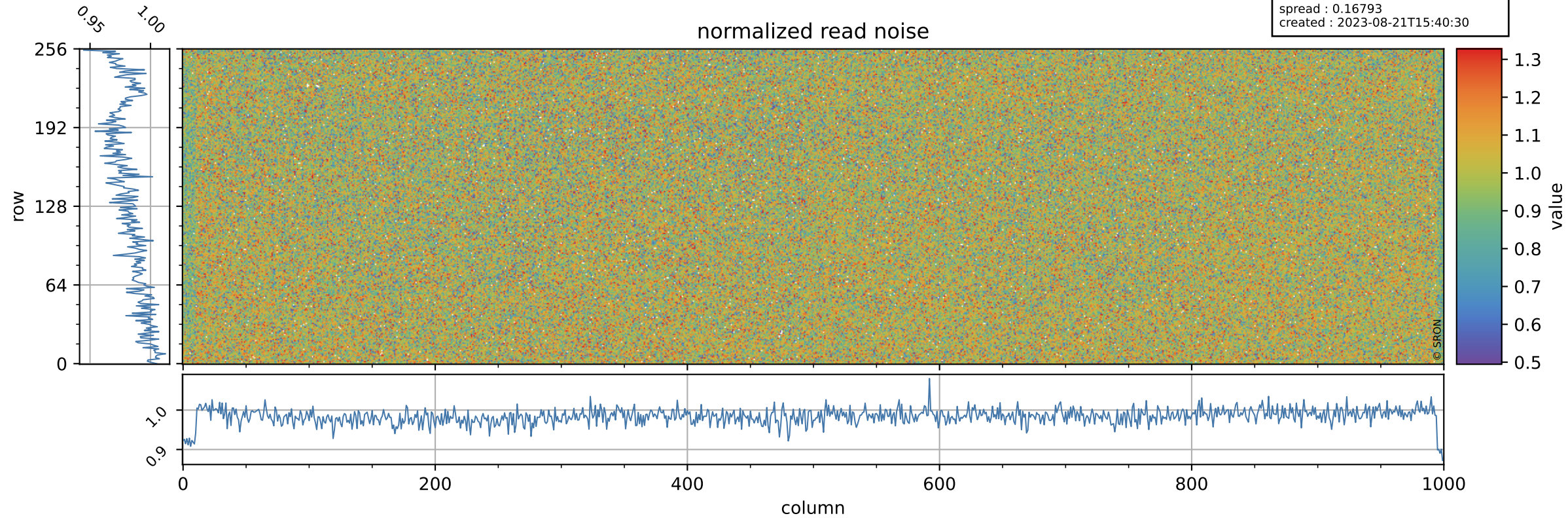
Tropomi SWIR background noise (swir)

orbits : 13 in [15067, 15157]
coverage : 2020-09-09 / 2020-09-15
median : 1.1299 e
spread : 0.06406 e
created : 2023-08-21T15:40:29



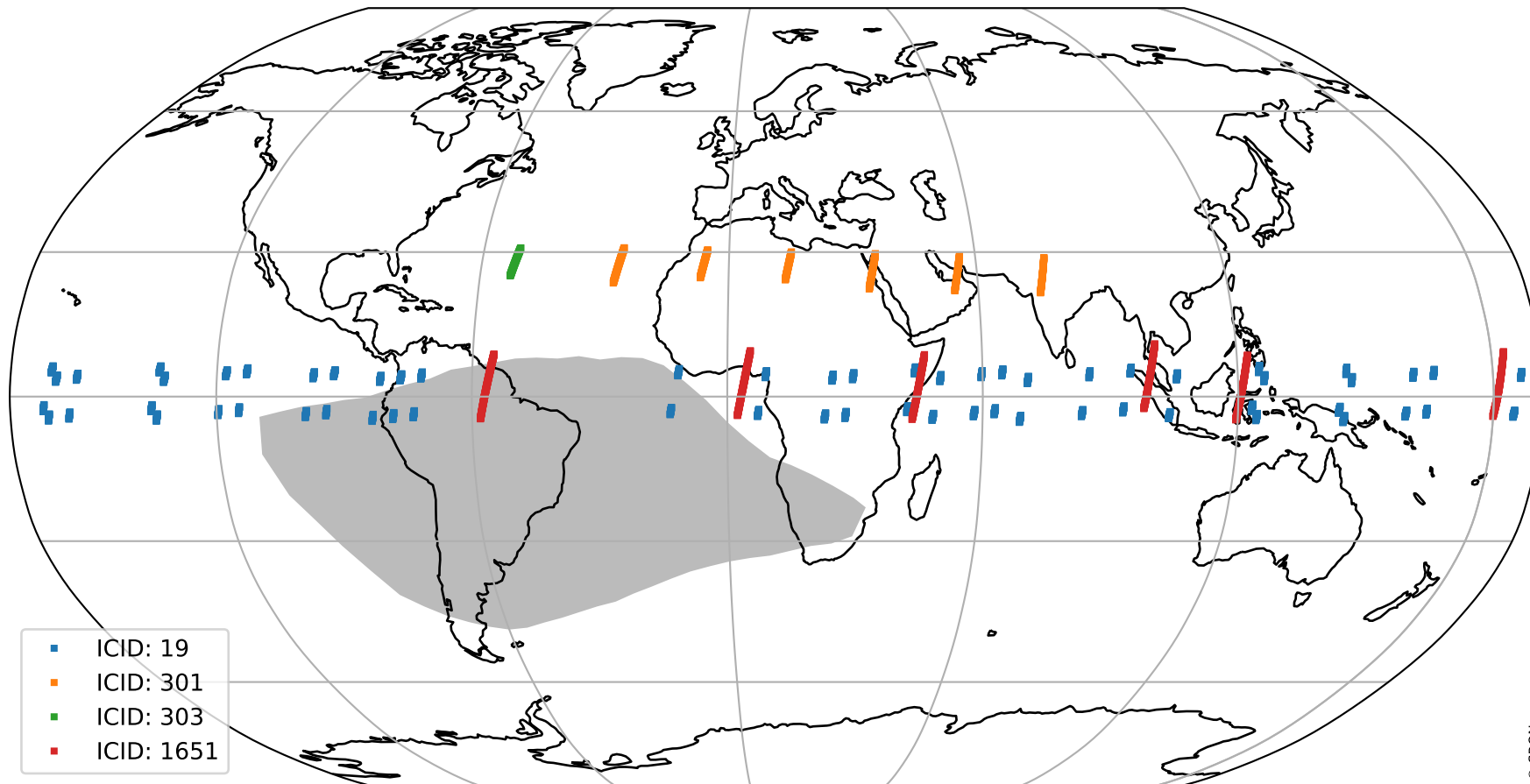
Tropomi SWIR background noise (swir)

orbits : 13 in [15067, 15157]
coverage : 2020-09-09 / 2020-09-15
median : 0.9827
spread : 0.16793
created : 2023-08-21T15:40:30



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

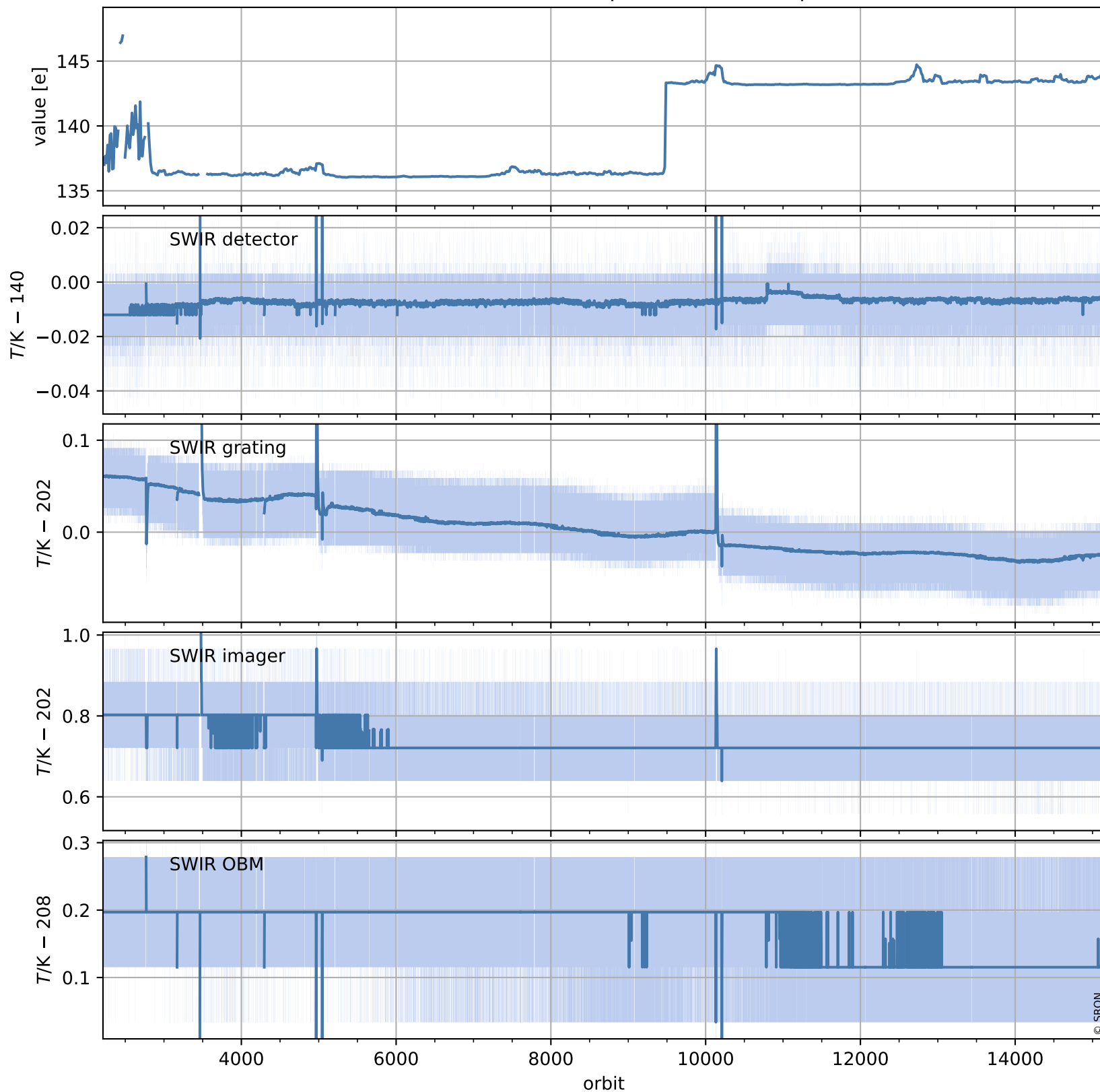
orbits : 13 in [15067, 15157]
coverage : 2020-09-09 / 2020-09-15
created : 2023-08-21T15:40:30



Tropomi SWIR background noise (swir)

orbits : [2212, 15157]
coverage : 2018-03-18 / 2020-09-15
created : 2023-08-21T15:40:30

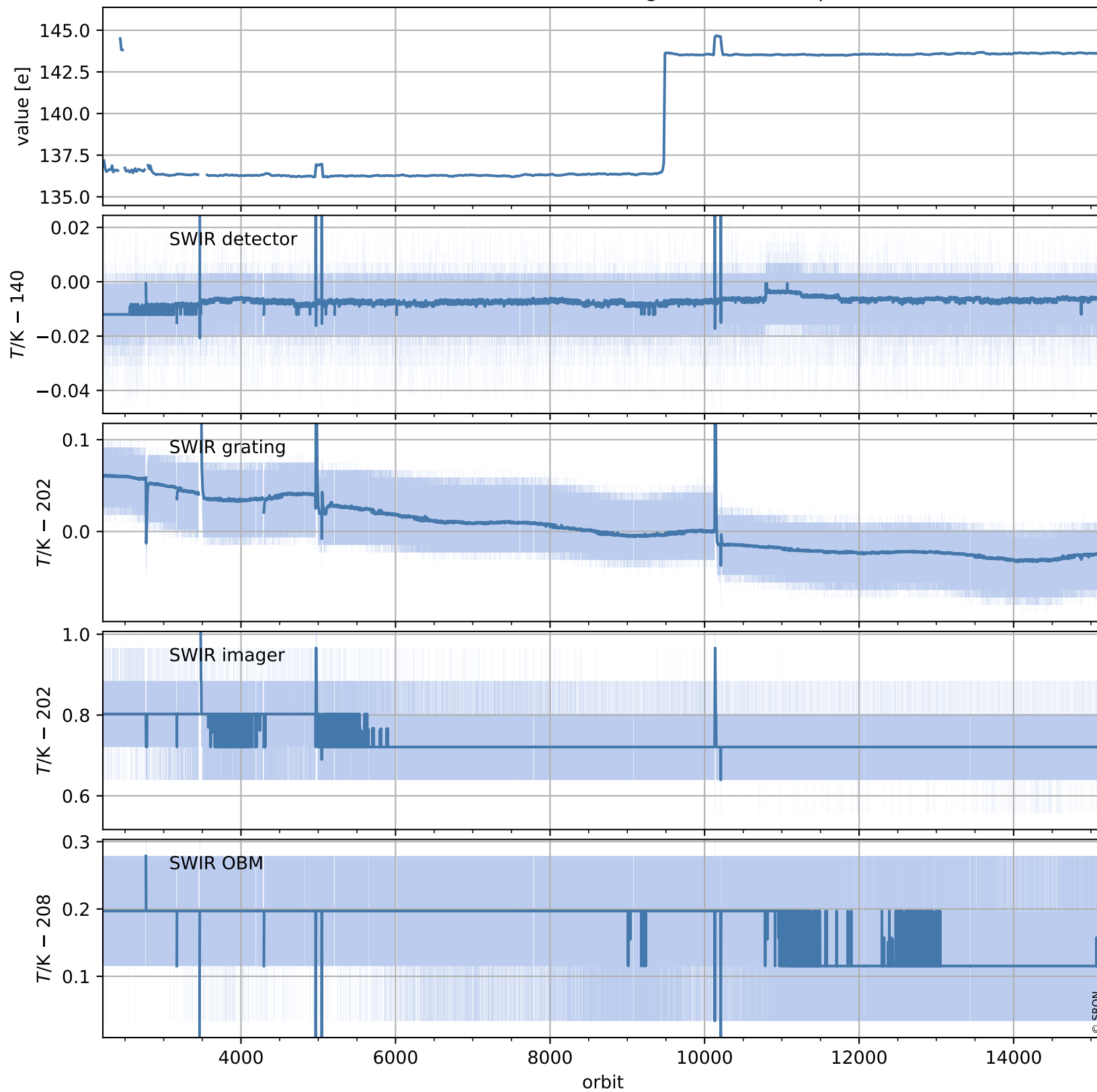
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15157]
coverage : 2018-03-18 / 2020-09-15
created : 2023-08-21T15:40:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15157]
coverage : 2018-03-18 / 2020-09-15
created : 2023-08-21T15:40:31

trend of normalized read-noise & temperatures

