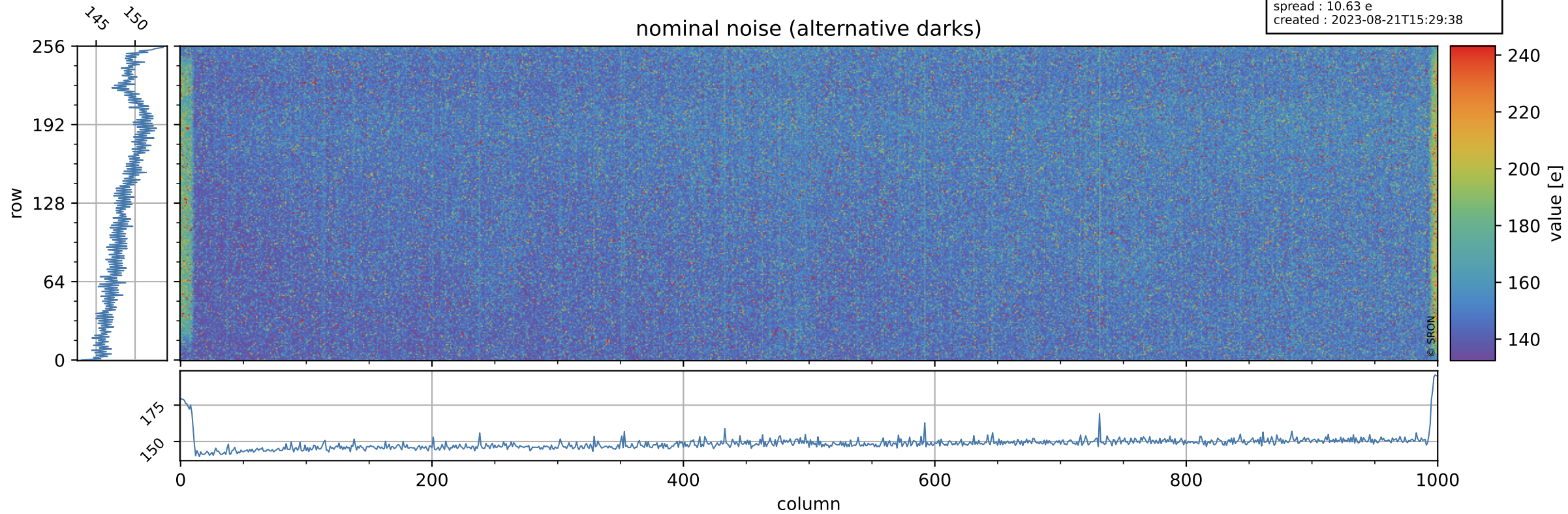


Tropomi SWIR background noise (swir)

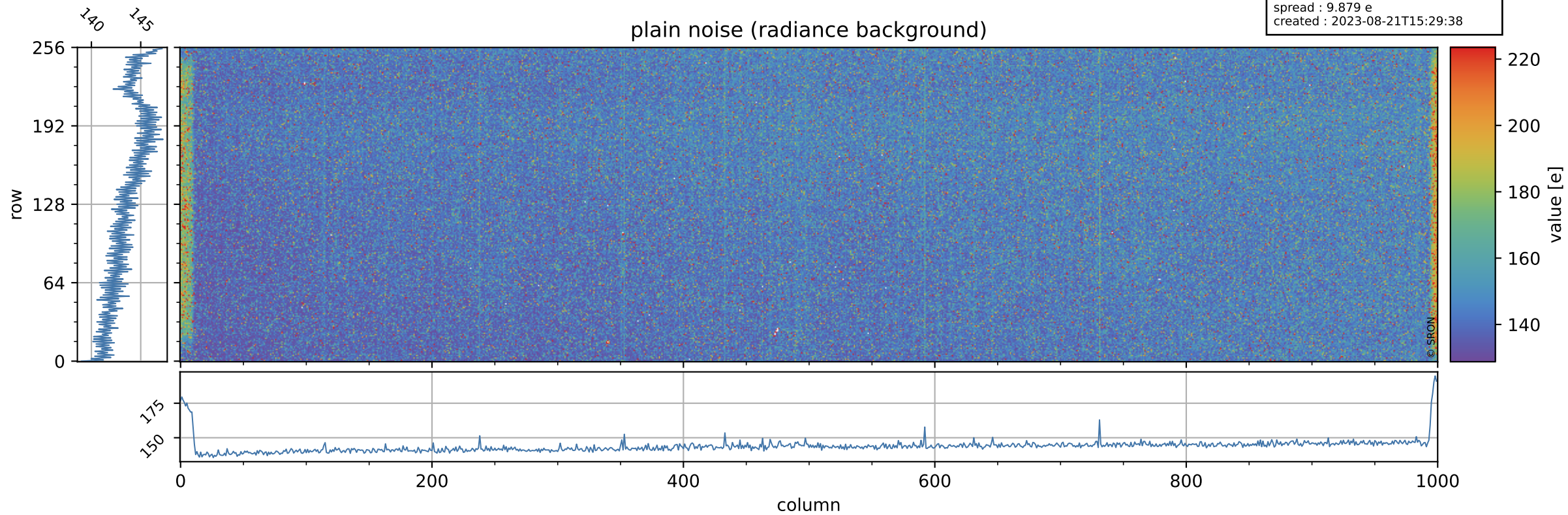
orbits : 12 in [13087, 13162]
coverage : 2020-04-22 / 2020-04-27
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.63 e
created : 2023-08-21T15:29:38



Tropomi SWIR background noise (swir)

orbits : 12 in [13087, 13162]
coverage : 2020-04-22 / 2020-04-27
n_coad, t_exp : 1, 0.8383
median : 143.55 e
spread : 9.879 e
created : 2023-08-21T15:29:38

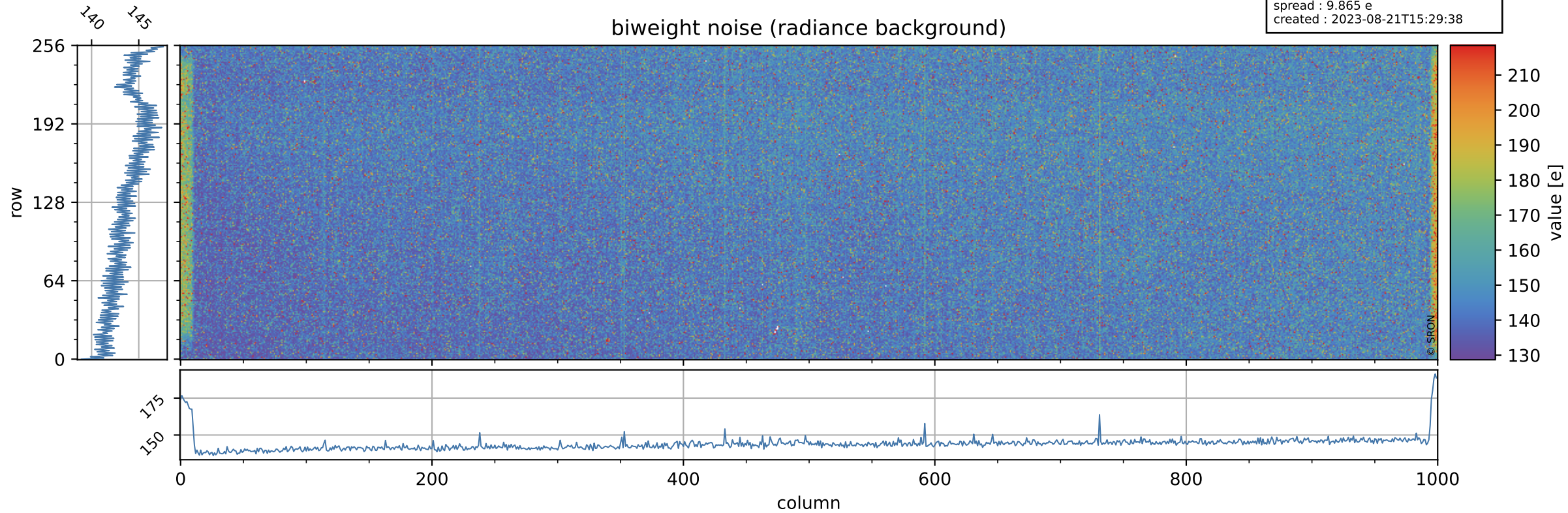
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13087, 13162]
coverage : 2020-04-22 / 2020-04-27
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.865 e
created : 2023-08-21T15:29:38

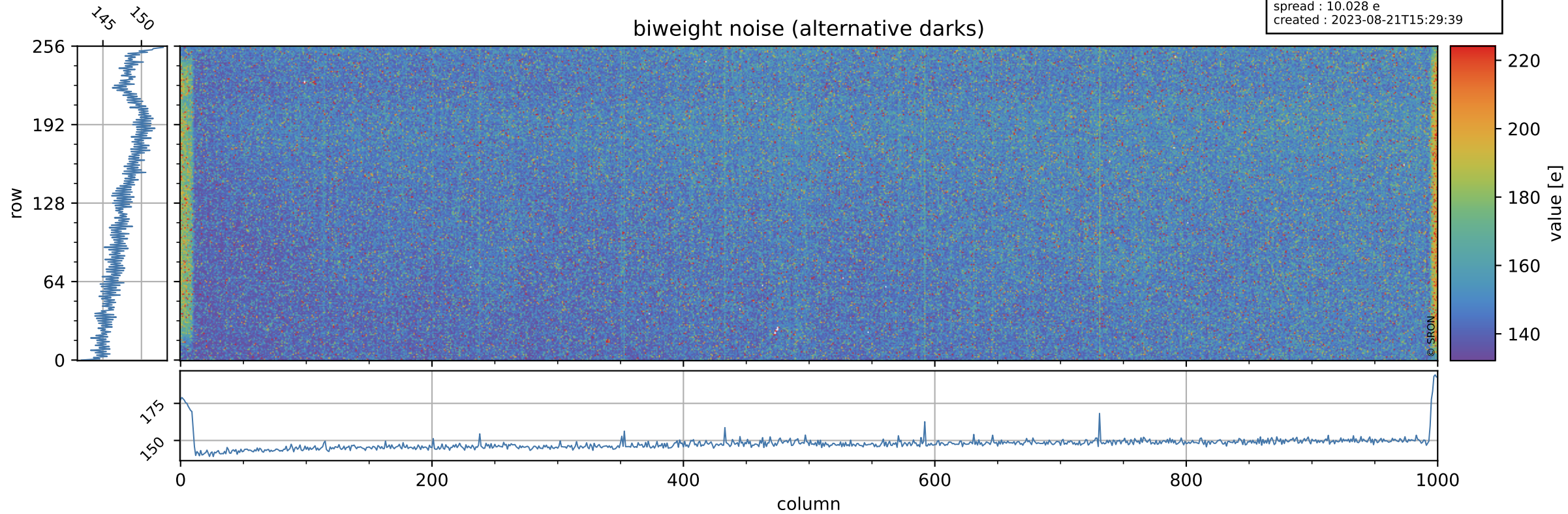
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13087, 13162]
coverage : 2020-04-22 / 2020-04-27
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.028 e
created : 2023-08-21T15:29:39

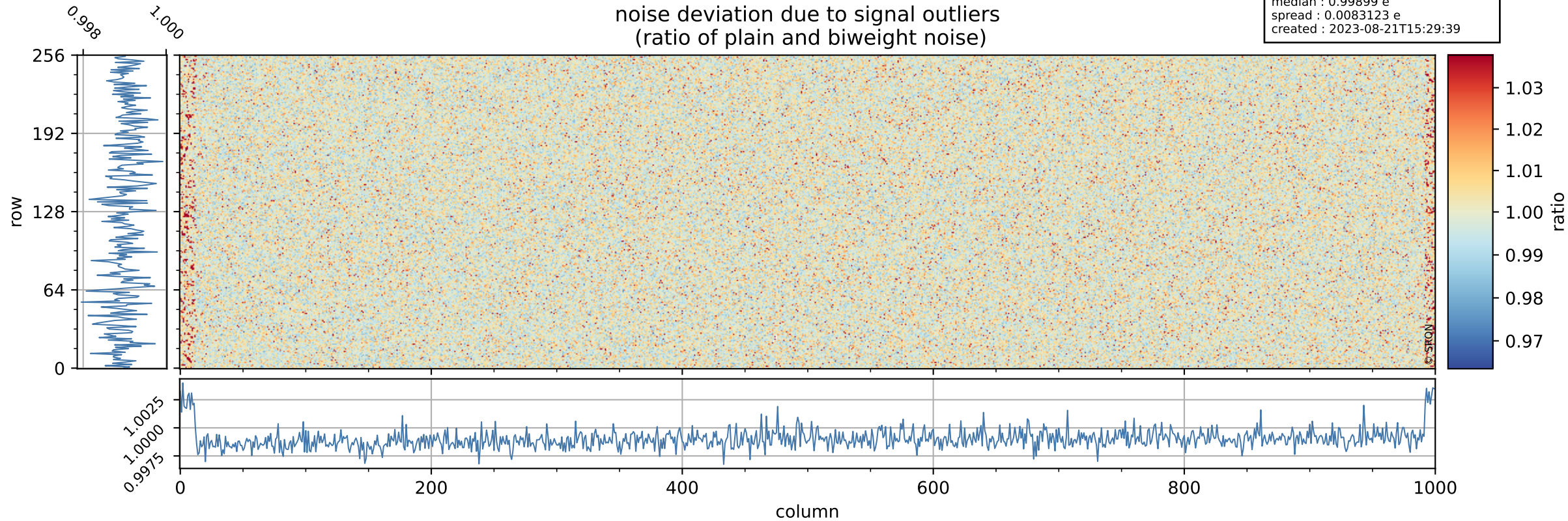
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

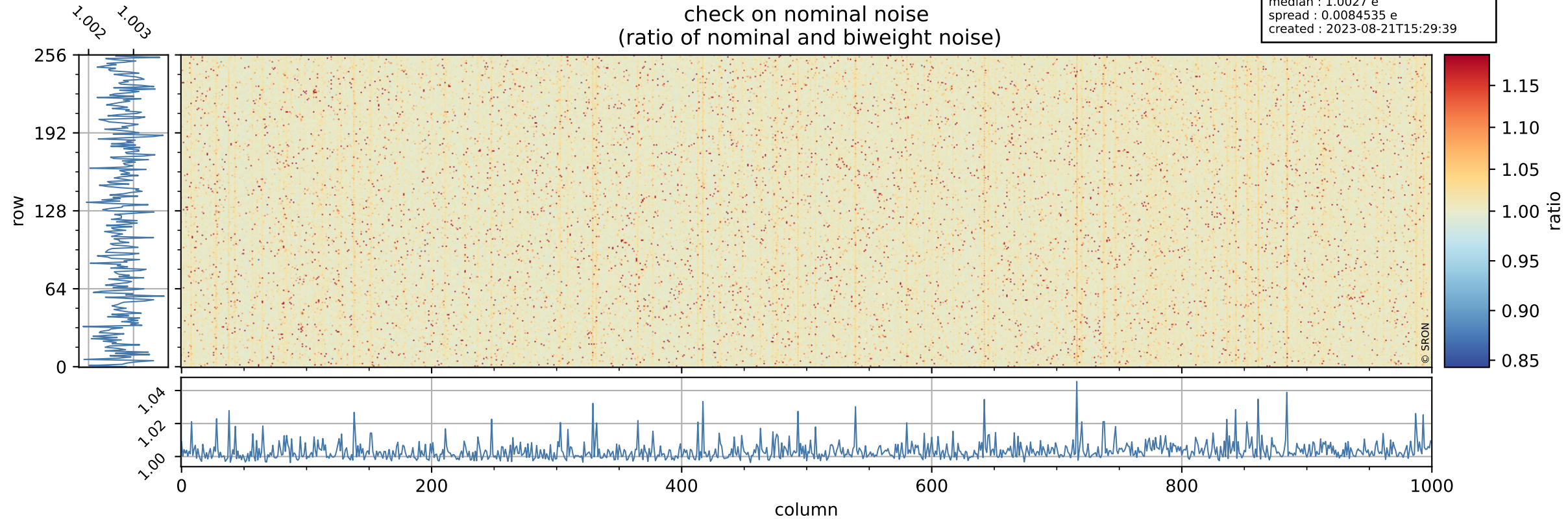
orbits : 12 in [13087, 13162]
coverage : 2020-04-22 / 2020-04-27
median : 0.99899 e
spread : 0.0083123 e
created : 2023-08-21T15:29:39



Tropomi SWIR background noise (swir)

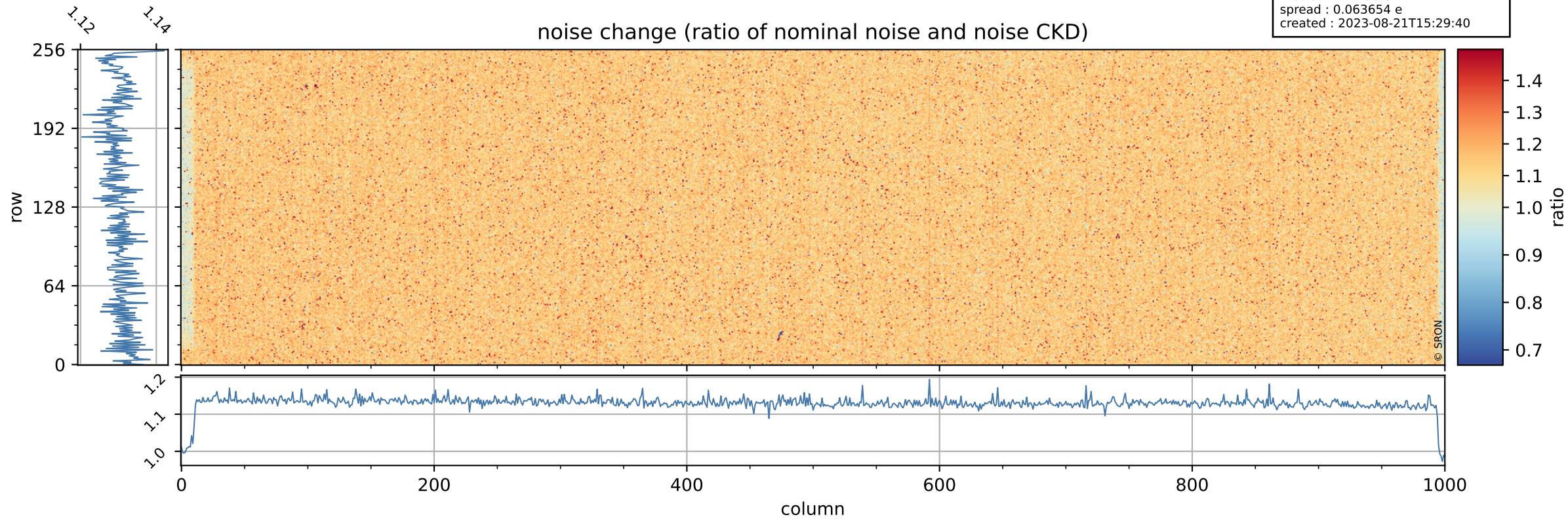
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13087, 13162]
coverage : 2020-04-22 / 2020-04-27
median : 1.0027 e
spread : 0.0084535 e
created : 2023-08-21T15:29:39



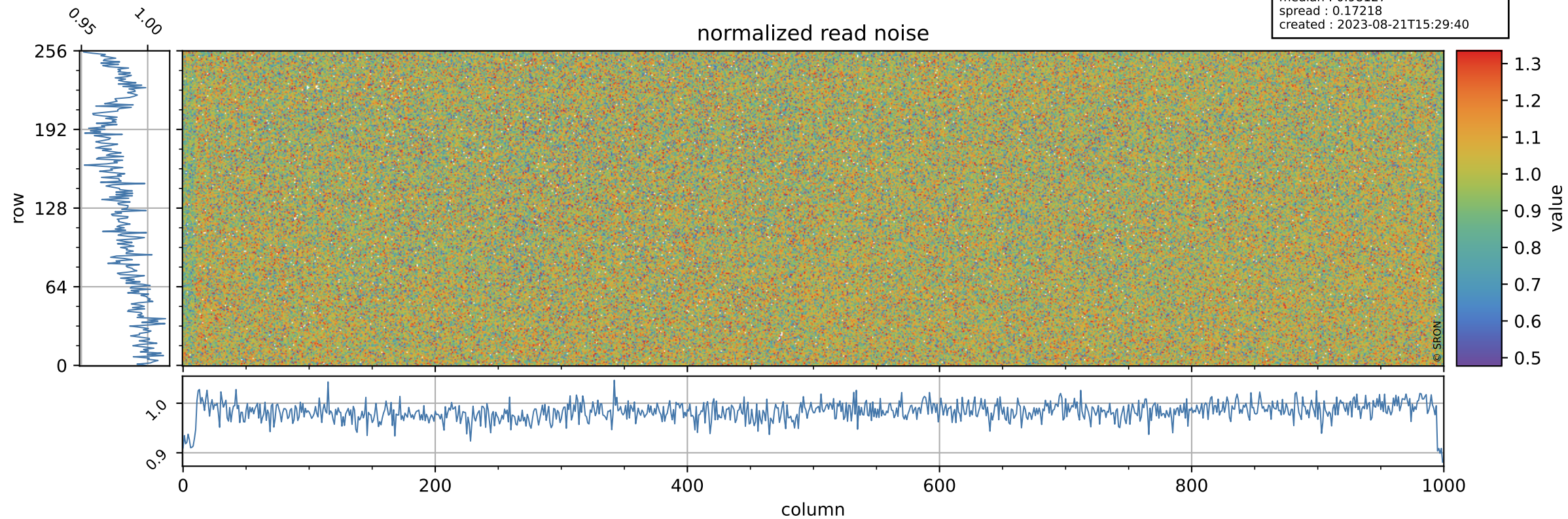
Tropomi SWIR background noise (swir)

orbits : 12 in [13087, 13162]
coverage : 2020-04-22 / 2020-04-27
median : 1.1296 e
spread : 0.063654 e
created : 2023-08-21T15:29:40



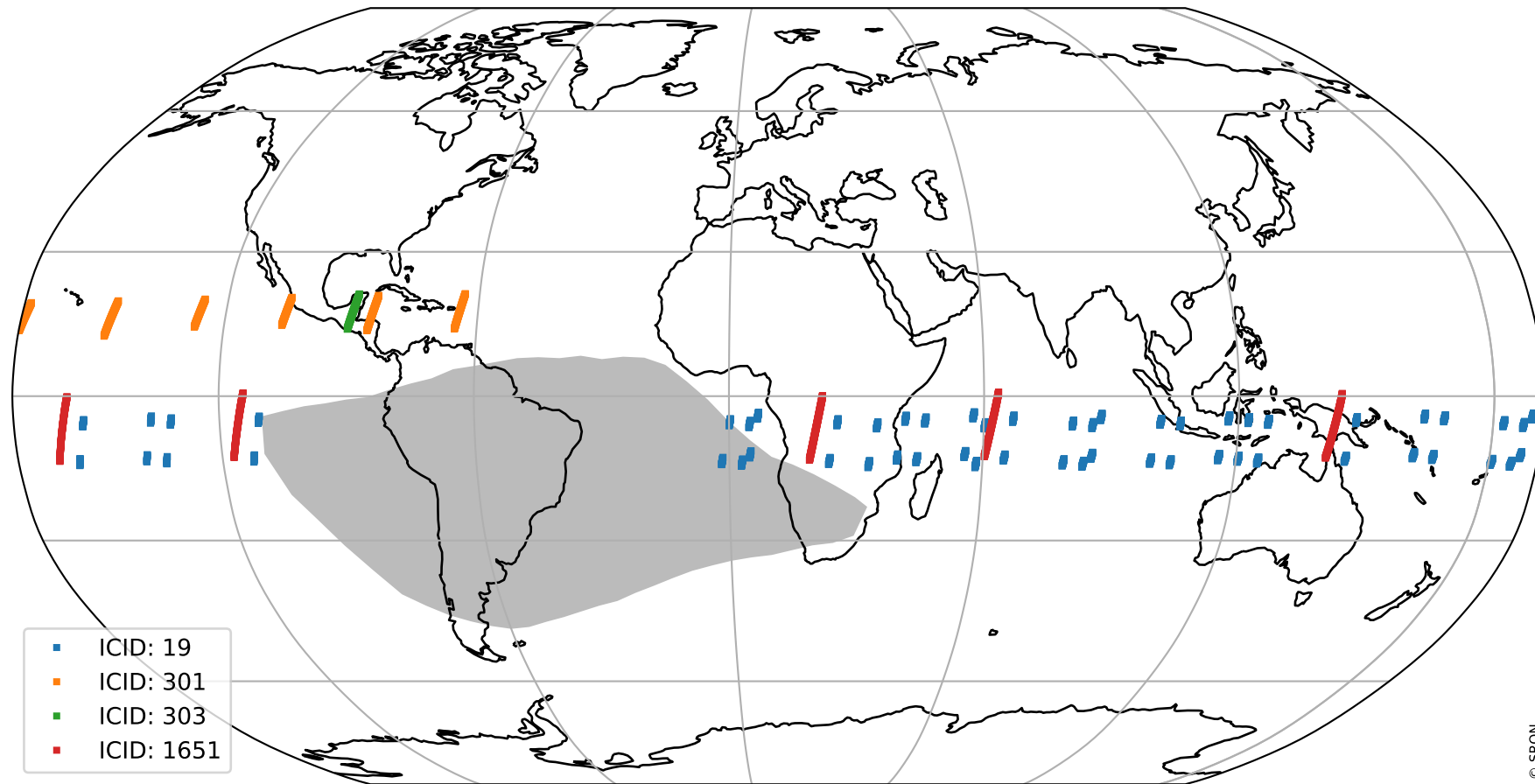
Tropomi SWIR background noise (swir)

orbits : 12 in [13087, 13162]
coverage : 2020-04-22 / 2020-04-27
median : 0.98127
spread : 0.17218
created : 2023-08-21T15:29:40



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

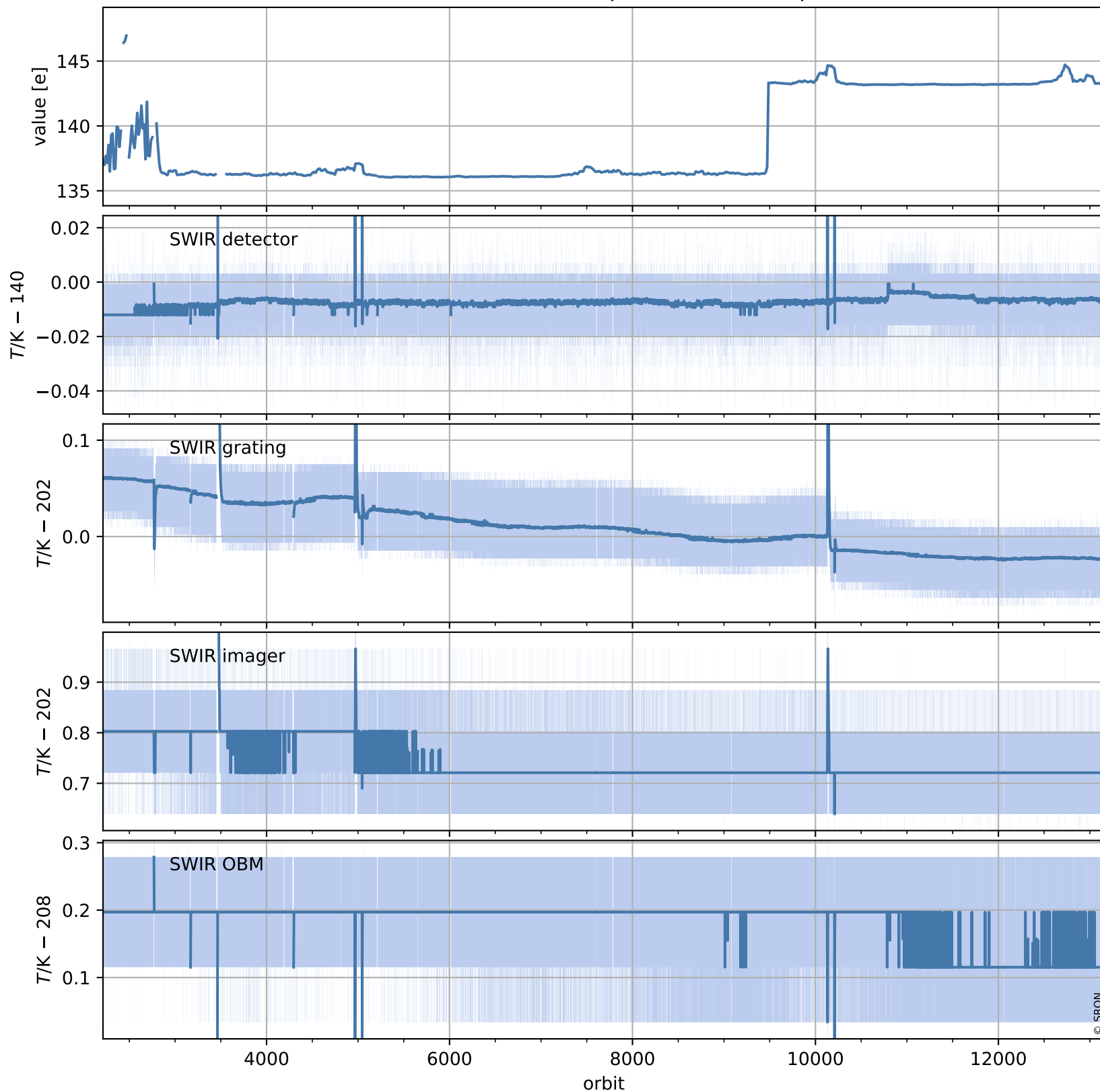
orbits : 12 in [13087, 13162]
coverage : 2020-04-22 / 2020-04-27
created : 2023-08-21T15:29:40



Tropomi SWIR background noise (swir)

orbits : [2212, 13162]
coverage : 2018-03-18 / 2020-04-27
created : 2023-08-21T15:29:41

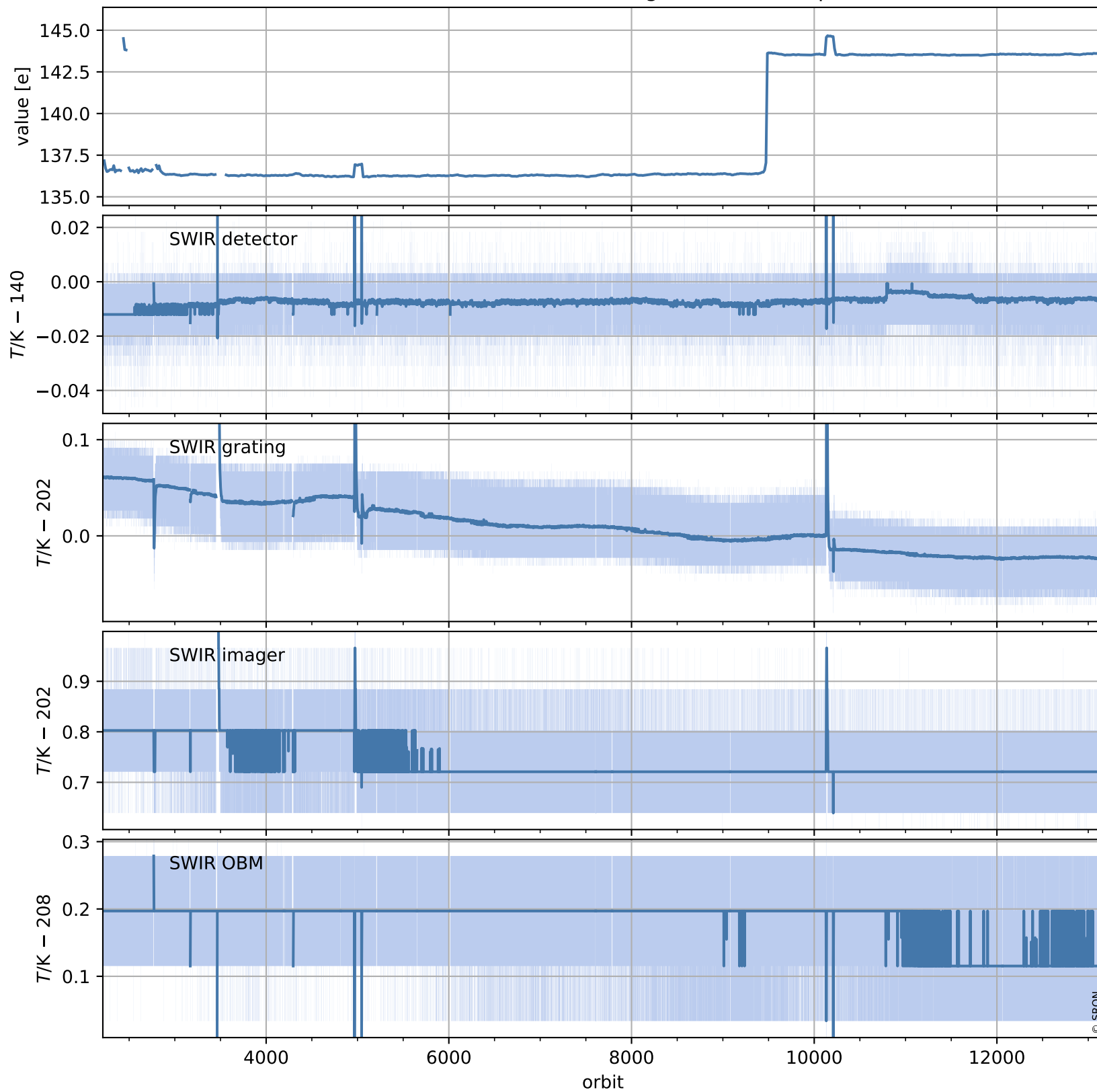
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13162]
coverage : 2018-03-18 / 2020-04-27
created : 2023-08-21T15:29:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13162]
coverage : 2018-03-18 / 2020-04-27
created : 2023-08-21T15:29:42

trend of normalized read-noise & temperatures

