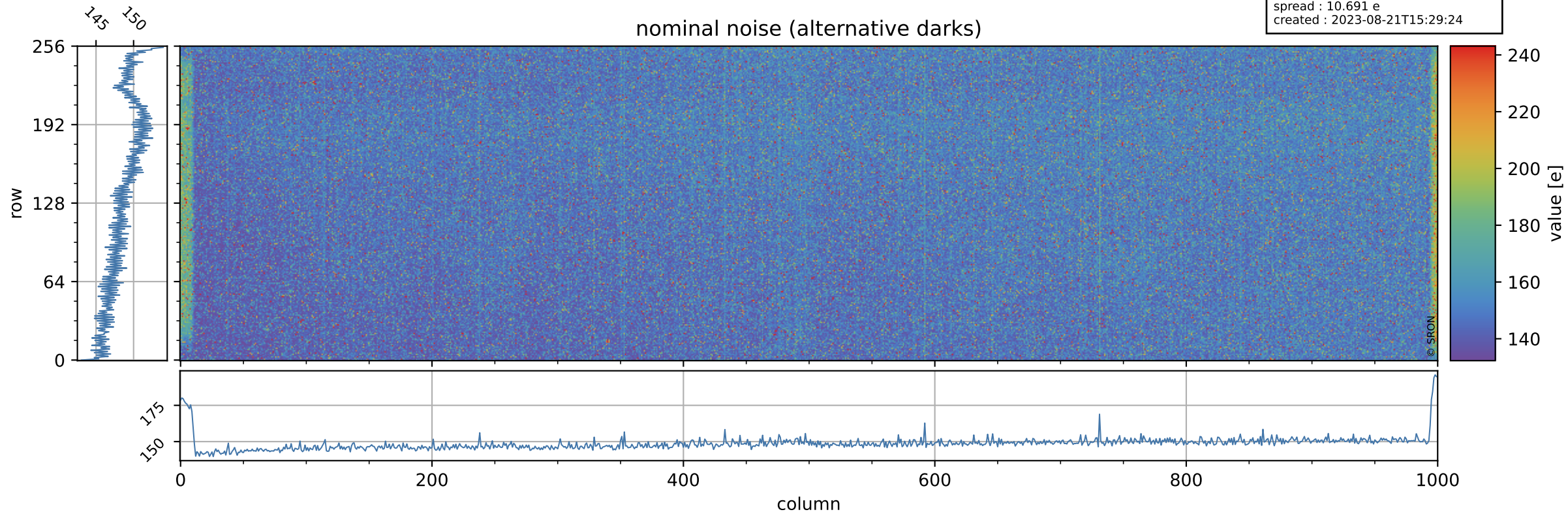


Tropomi SWIR background noise (swir)

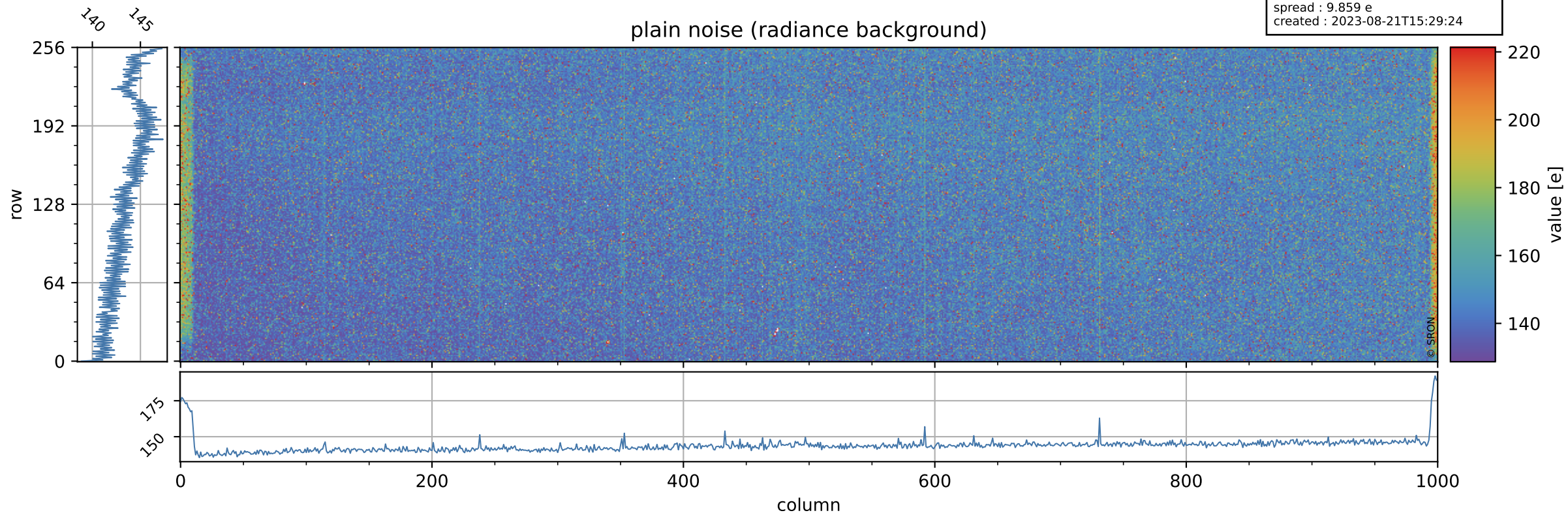
orbits : 12 in [13027, 13117]
coverage : 2020-04-19 / 2020-04-25
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.691 e
created : 2023-08-21T15:29:24



Tropomi SWIR background noise (swir)

orbits : 12 in [13027, 13117]
coverage : 2020-04-19 / 2020-04-25
n_coad, t_exp : 1, 0.8383
median : 143.44 e
spread : 9.859 e
created : 2023-08-21T15:29:24

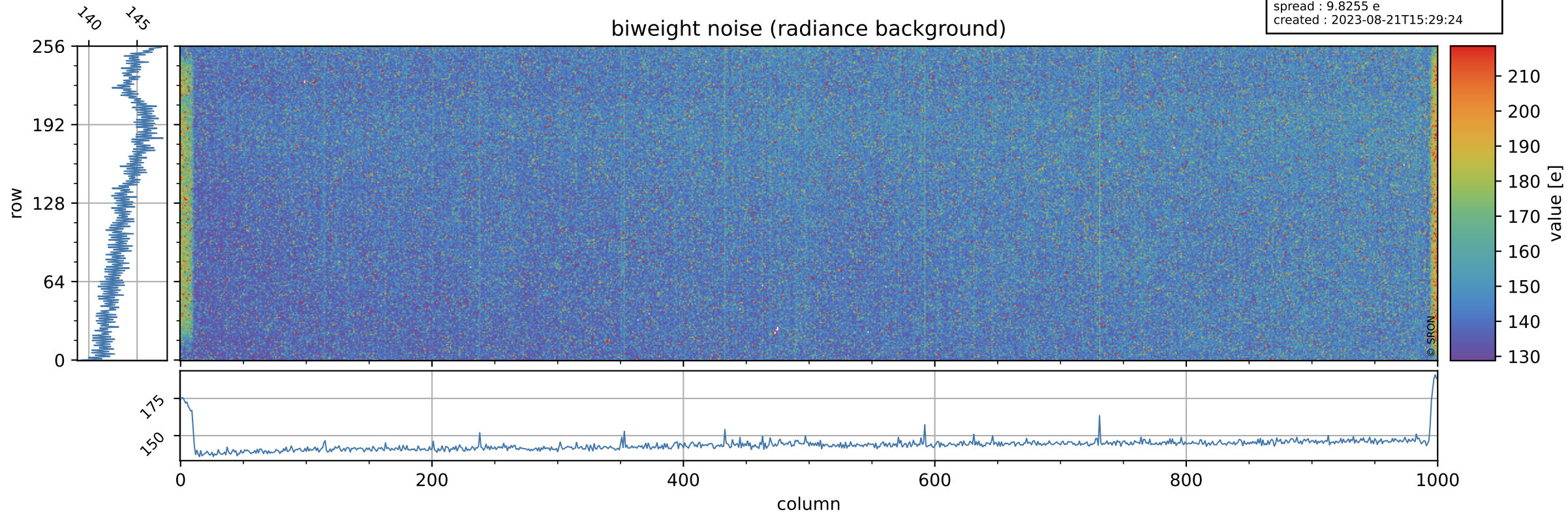
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13027, 13117]
coverage : 2020-04-19 / 2020-04-25
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.8255 e
created : 2023-08-21T15:29:24

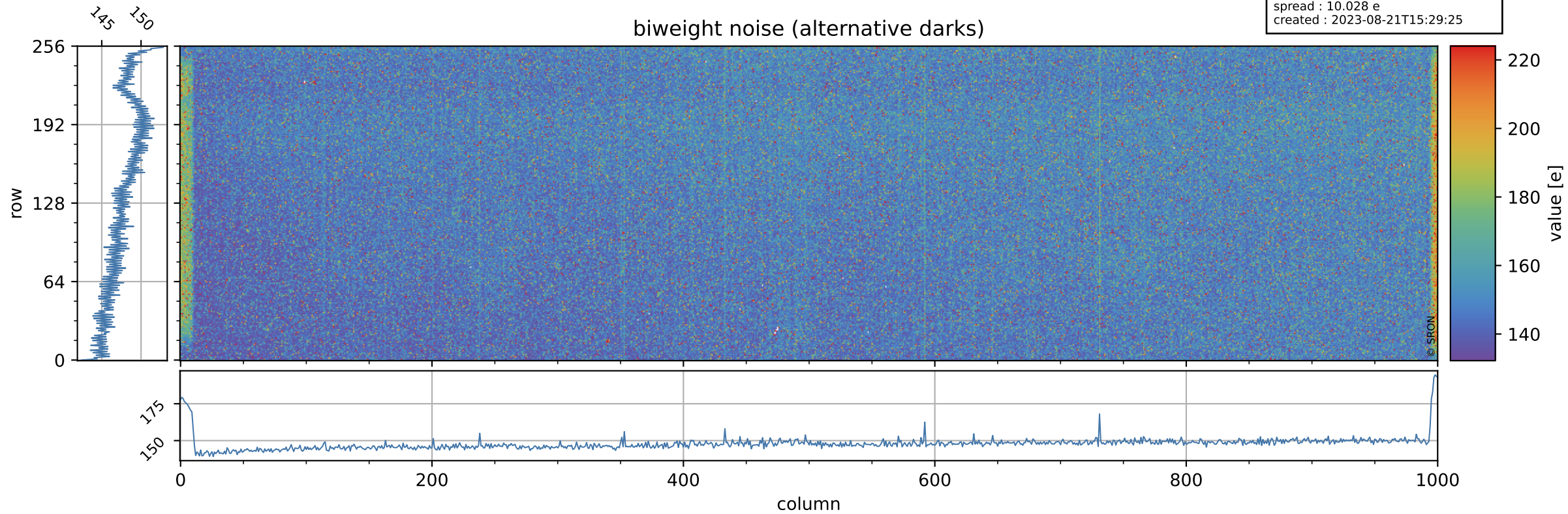
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13027, 13117]
coverage : 2020-04-19 / 2020-04-25
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.028 e
created : 2023-08-21T15:29:25

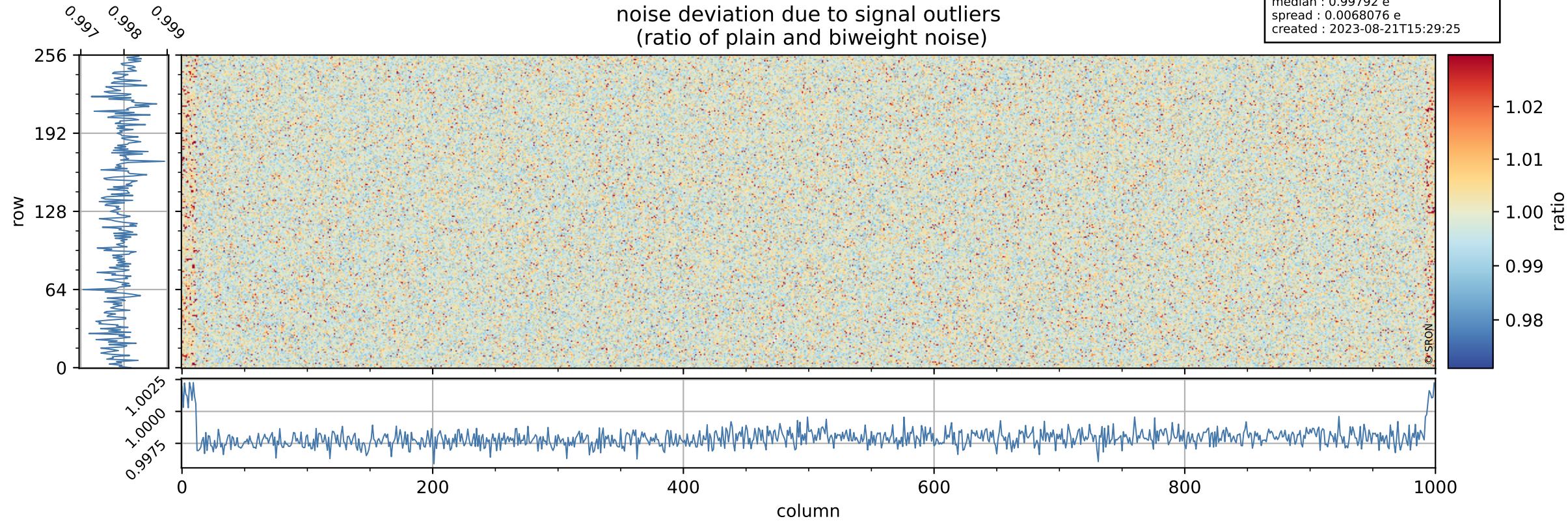
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

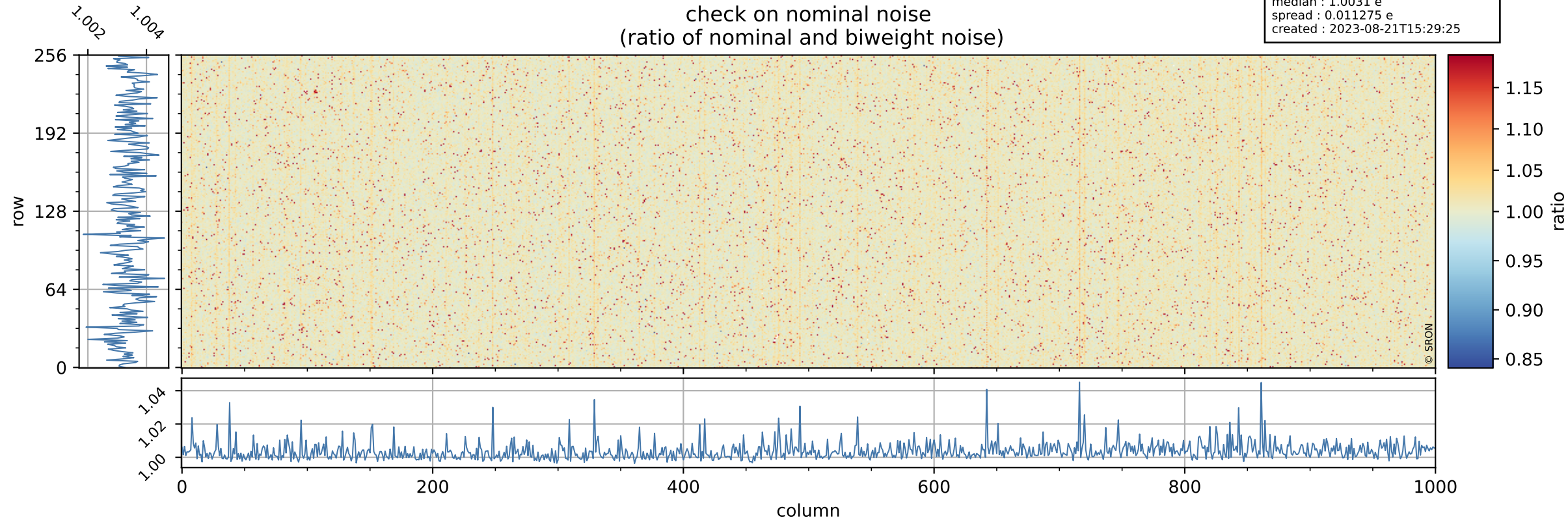
orbits : 12 in [13027, 13117]
coverage : 2020-04-19 / 2020-04-25
median : 0.99792 e
spread : 0.0068076 e
created : 2023-08-21T15:29:25



Tropomi SWIR background noise (swir)

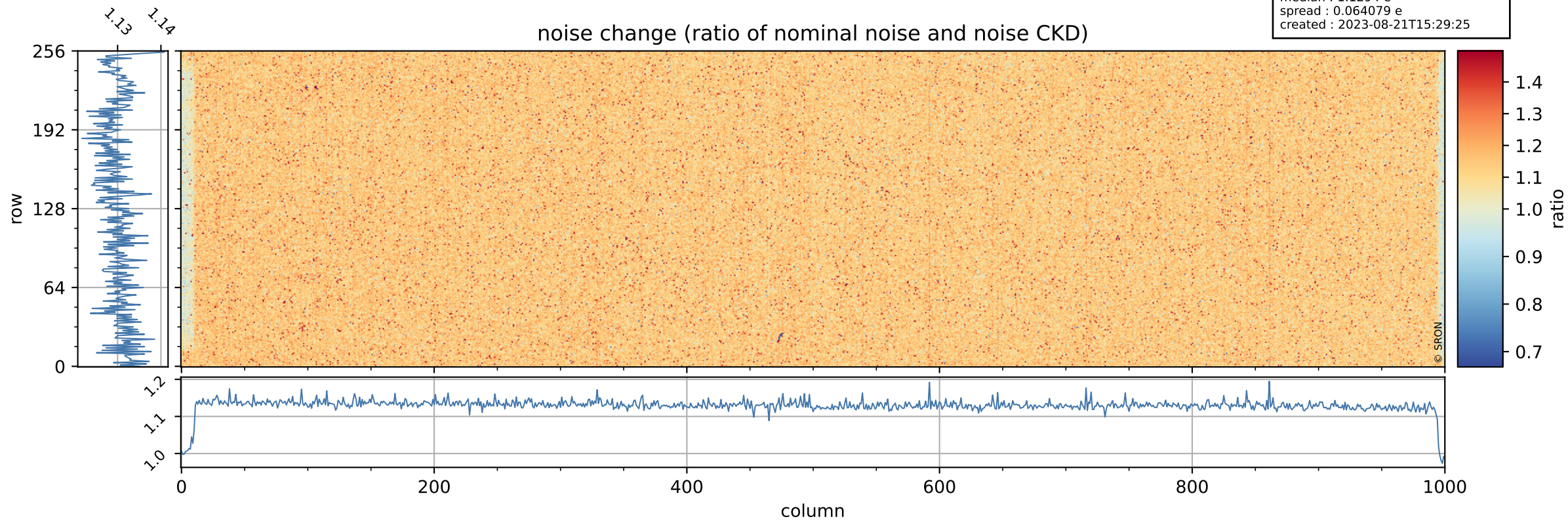
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13027, 13117]
coverage : 2020-04-19 / 2020-04-25
median : 1.0031 e
spread : 0.011275 e
created : 2023-08-21T15:29:25



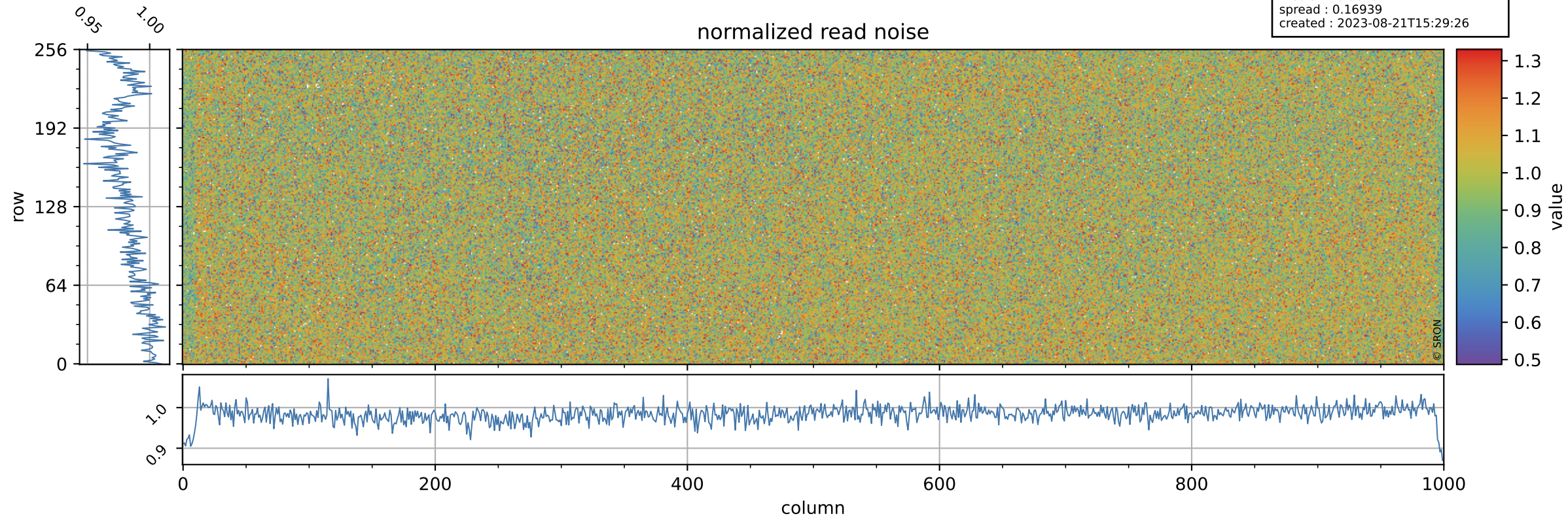
Tropomi SWIR background noise (swir)

orbits : 12 in [13027, 13117]
coverage : 2020-04-19 / 2020-04-25
median : 1.1294 e
spread : 0.064079 e
created : 2023-08-21T15:29:25



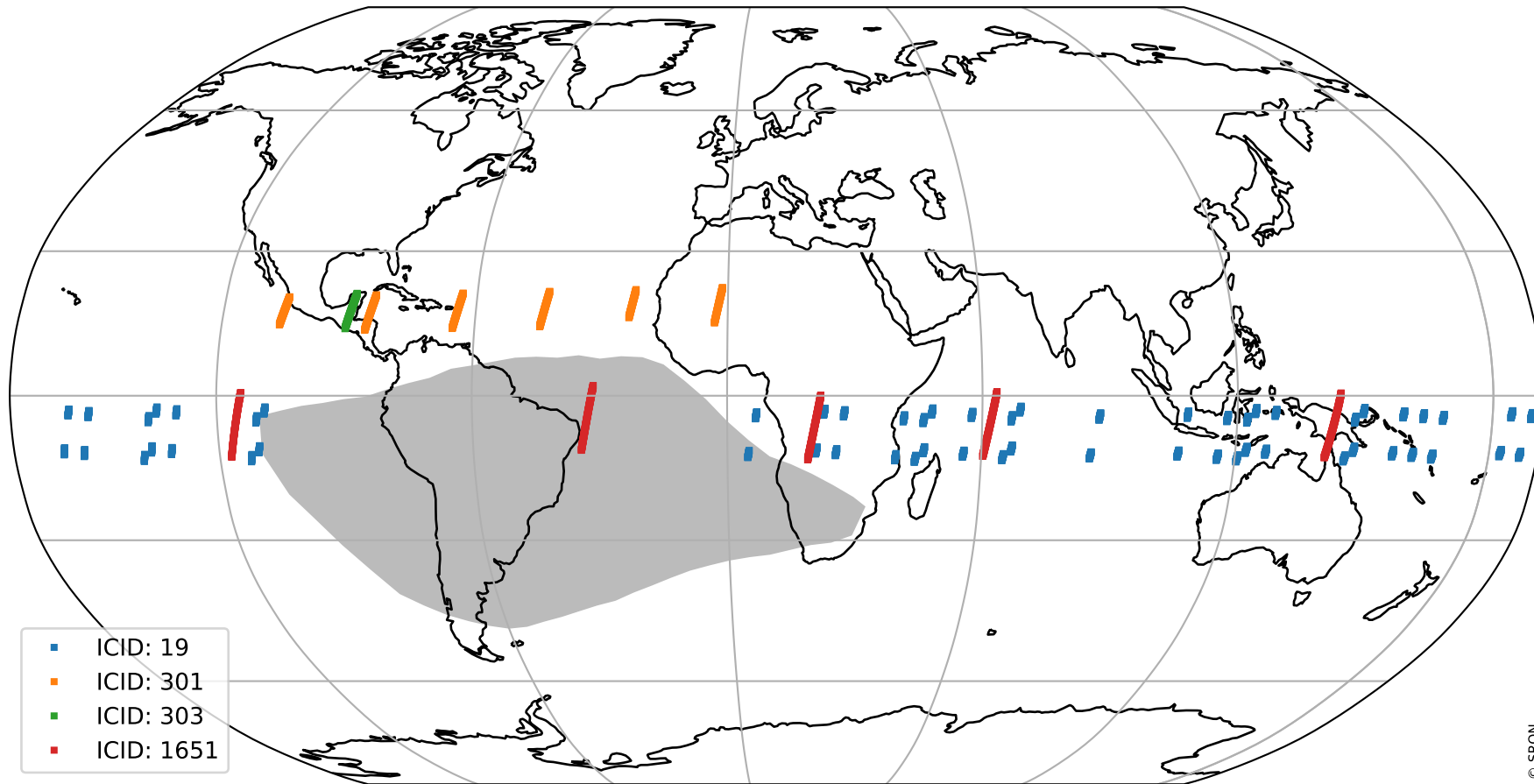
Tropomi SWIR background noise (swir)

orbits : 12 in [13027, 13117]
coverage : 2020-04-19 / 2020-04-25
median : 0.98252
spread : 0.16939
created : 2023-08-21T15:29:26



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

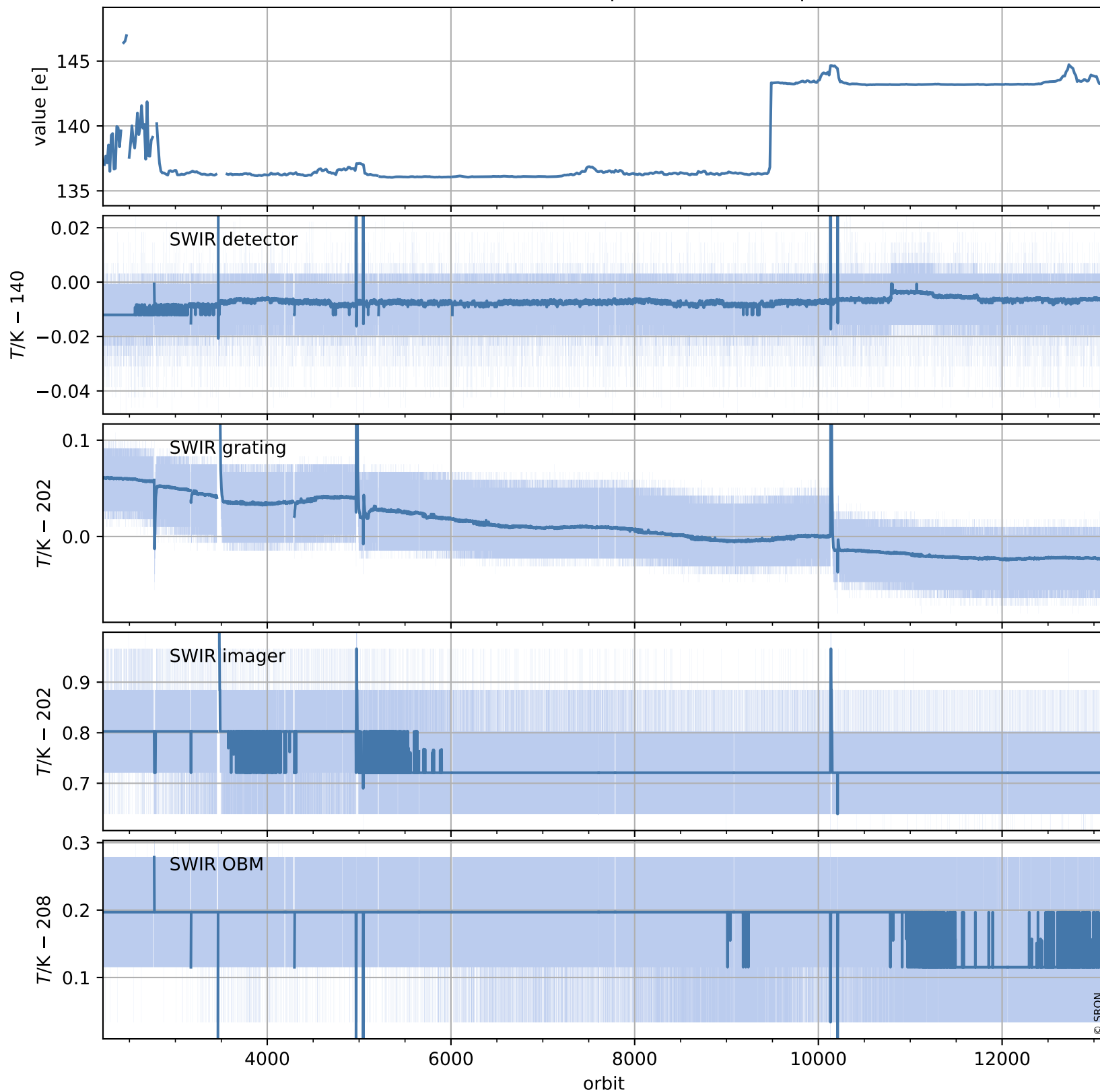
orbits : 12 in [13027, 13117]
coverage : 2020-04-19 / 2020-04-25
created : 2023-08-21T15:29:26



Tropomi SWIR background noise (swir)

orbits : [2212, 13117]
coverage : 2018-03-18 / 2020-04-25
created : 2023-08-21T15:29:26

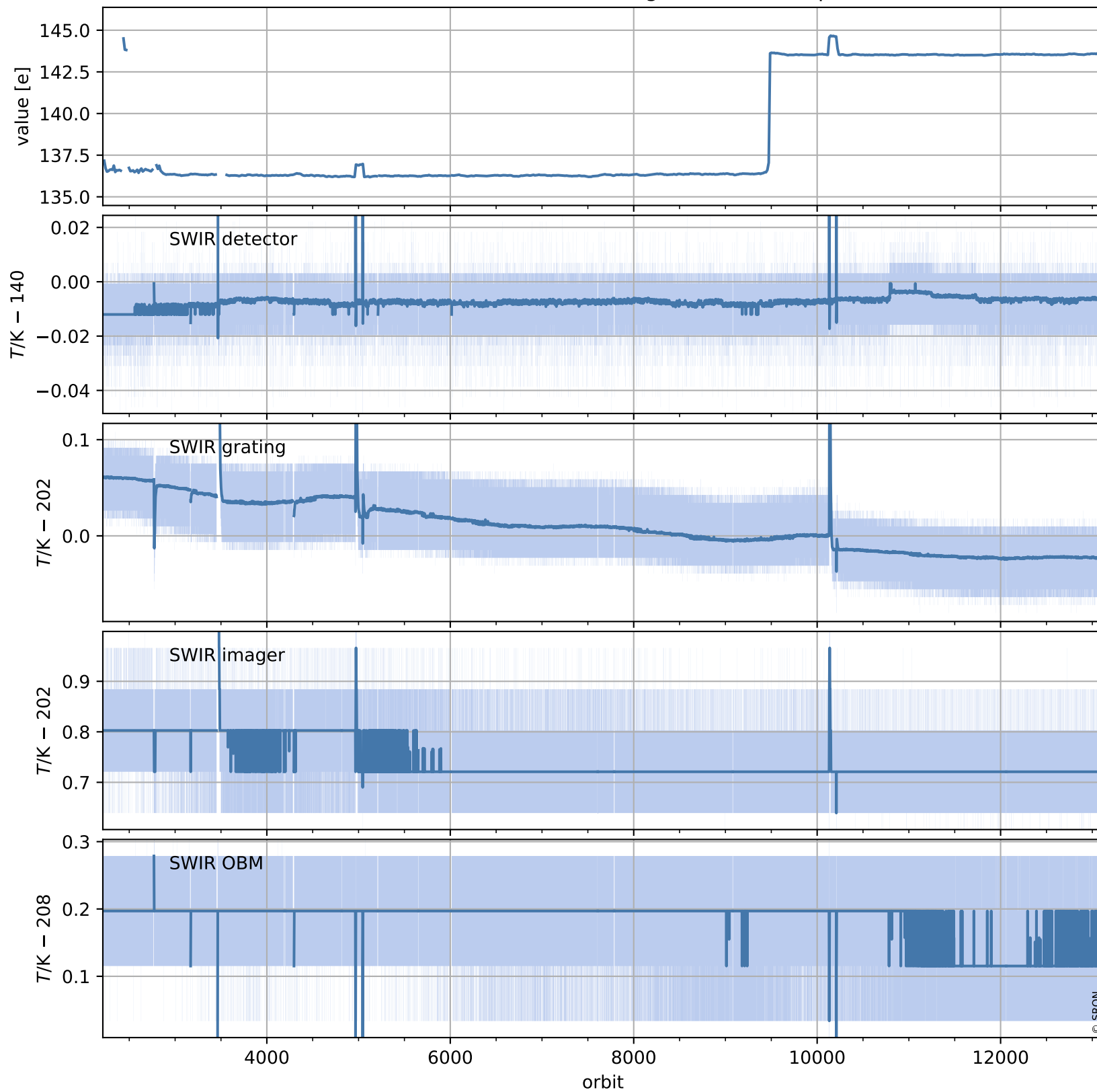
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13117]
coverage : 2018-03-18 / 2020-04-25
created : 2023-08-21T15:29:27

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13117]
coverage : 2018-03-18 / 2020-04-25
created : 2023-08-21T15:29:28

trend of normalized read-noise & temperatures

