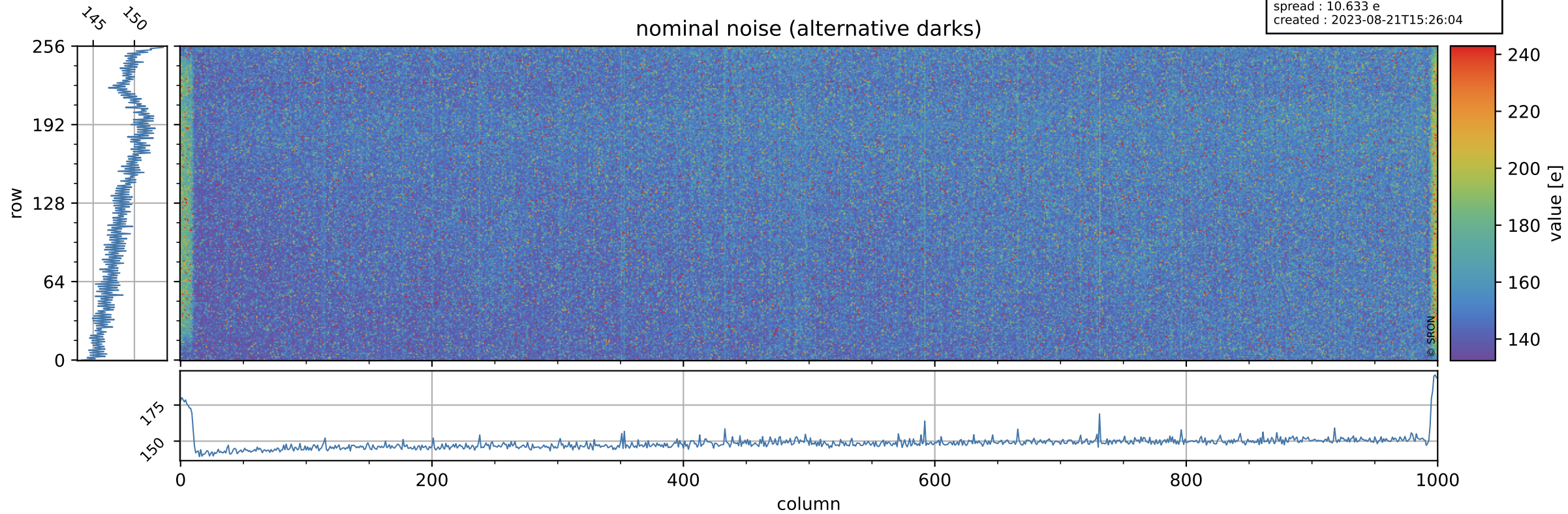


Tropomi SWIR background noise (swir)

orbits : 12 in [12412, 12502]
coverage : 2020-03-06 / 2020-03-12
n_coad, t_exp : 1, 1.0783
median : 148.46 e
spread : 10.633 e
created : 2023-08-21T15:26:04

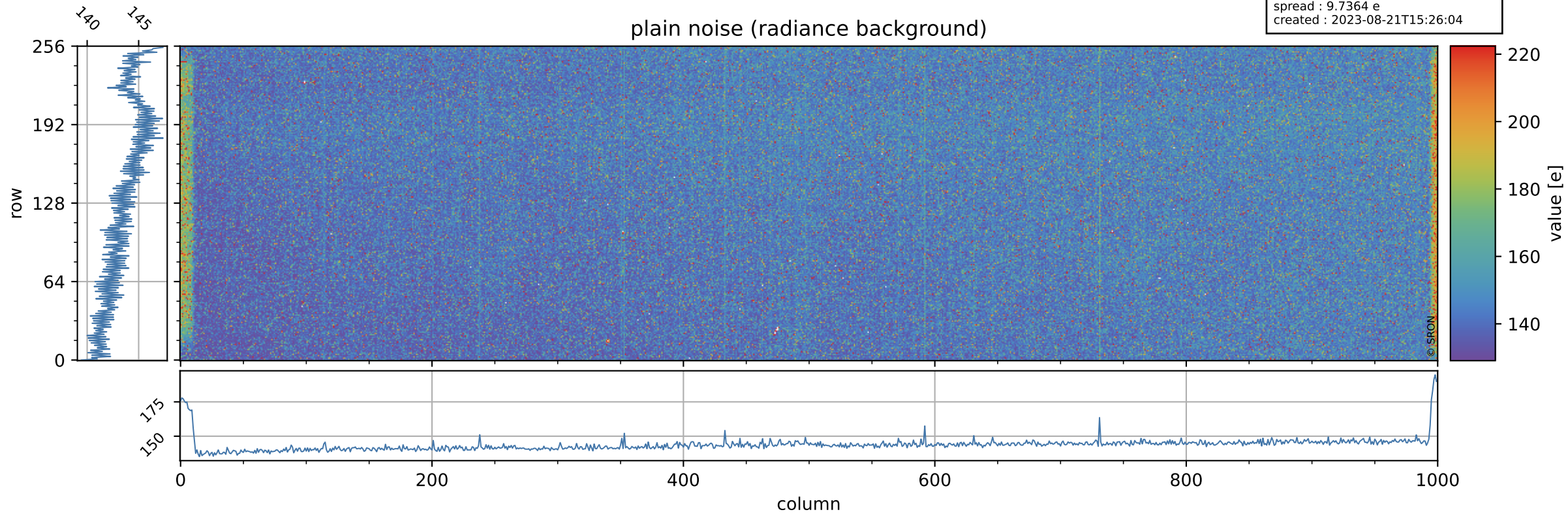
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12412, 12502]
coverage : 2020-03-06 / 2020-03-12
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.7364 e
created : 2023-08-21T15:26:04

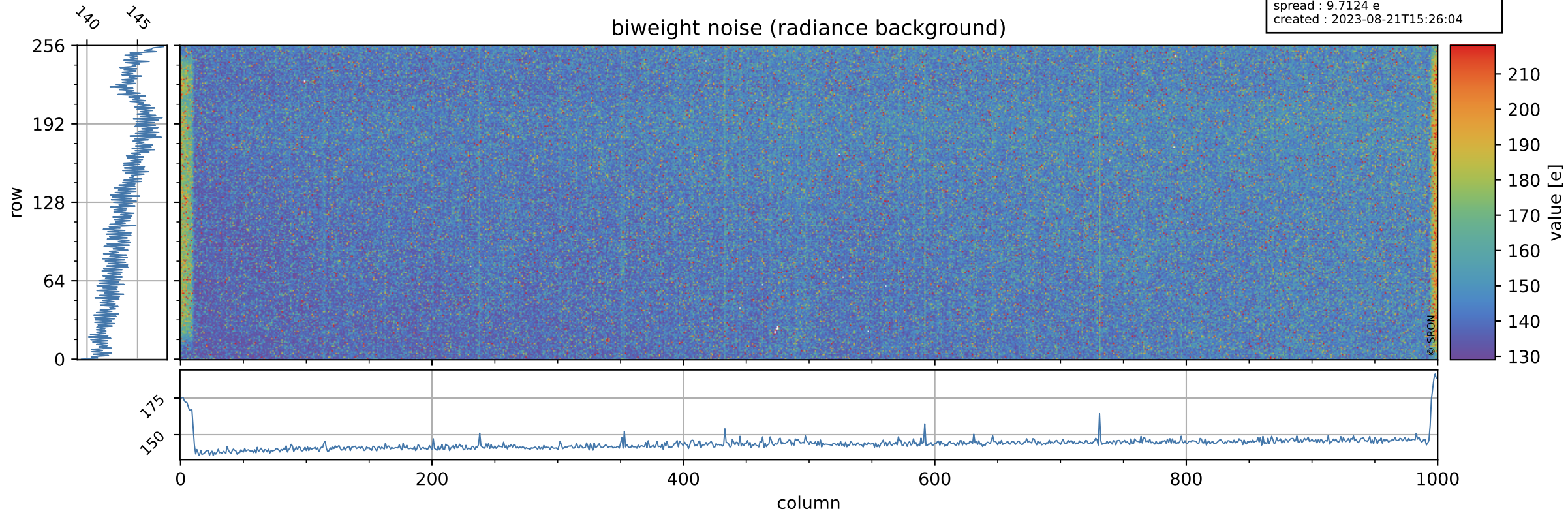
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12412, 12502]
coverage : 2020-03-06 / 2020-03-12
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.7124 e
created : 2023-08-21T15:26:04

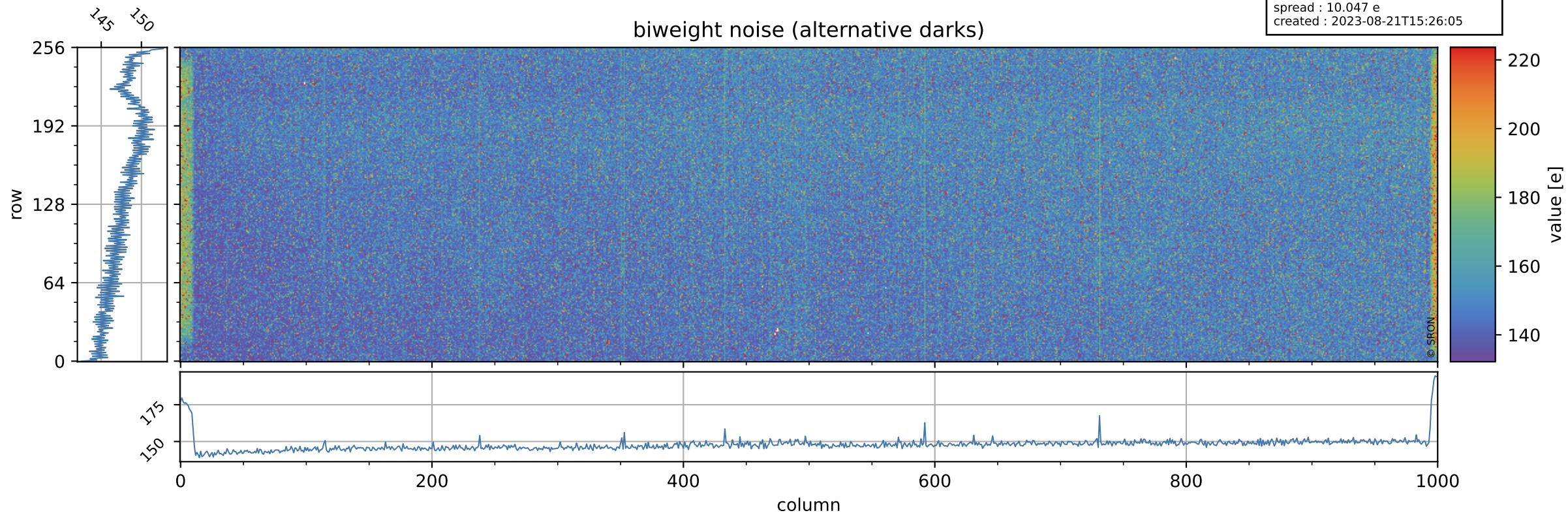
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12412, 12502]
coverage : 2020-03-06 / 2020-03-12
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.047 e
created : 2023-08-21T15:26:05

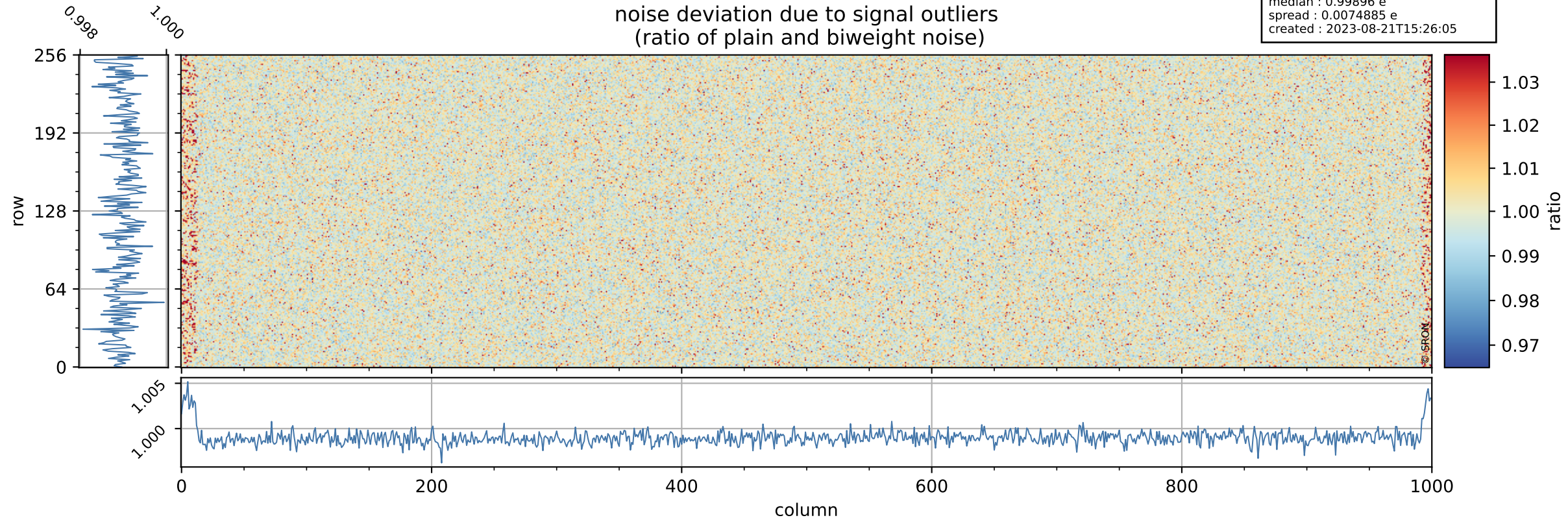
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

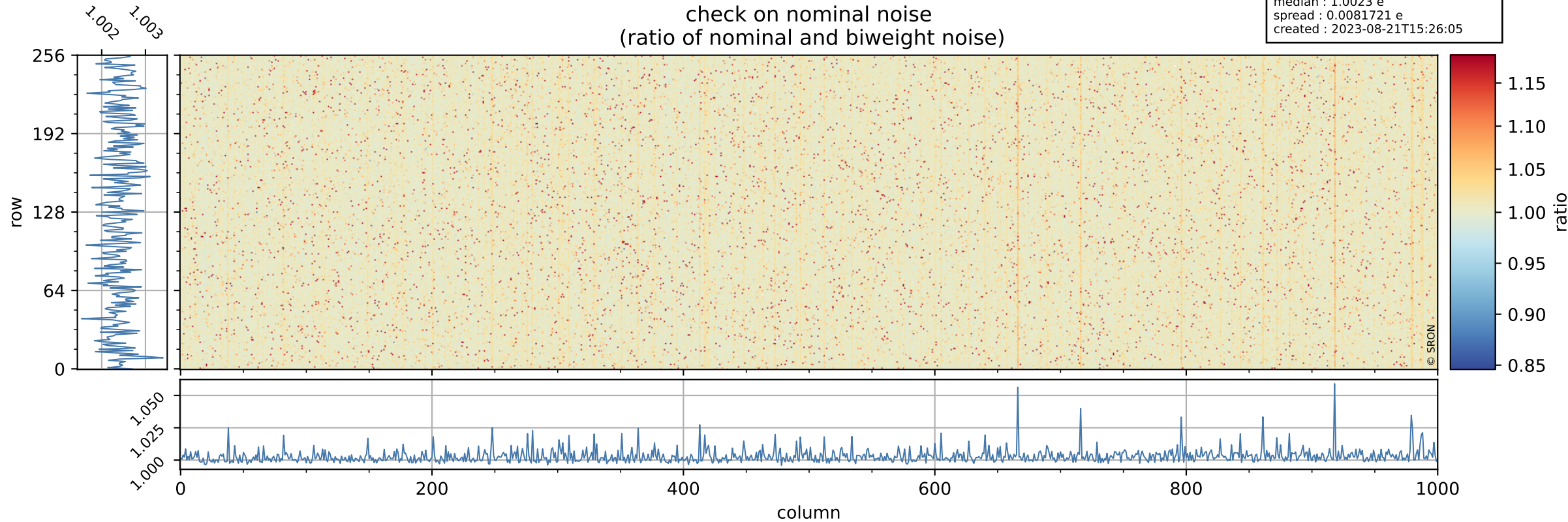
orbits : 12 in [12412, 12502]
coverage : 2020-03-06 / 2020-03-12
median : 0.99896 e
spread : 0.0074885 e
created : 2023-08-21T15:26:05



Tropomi SWIR background noise (swir)

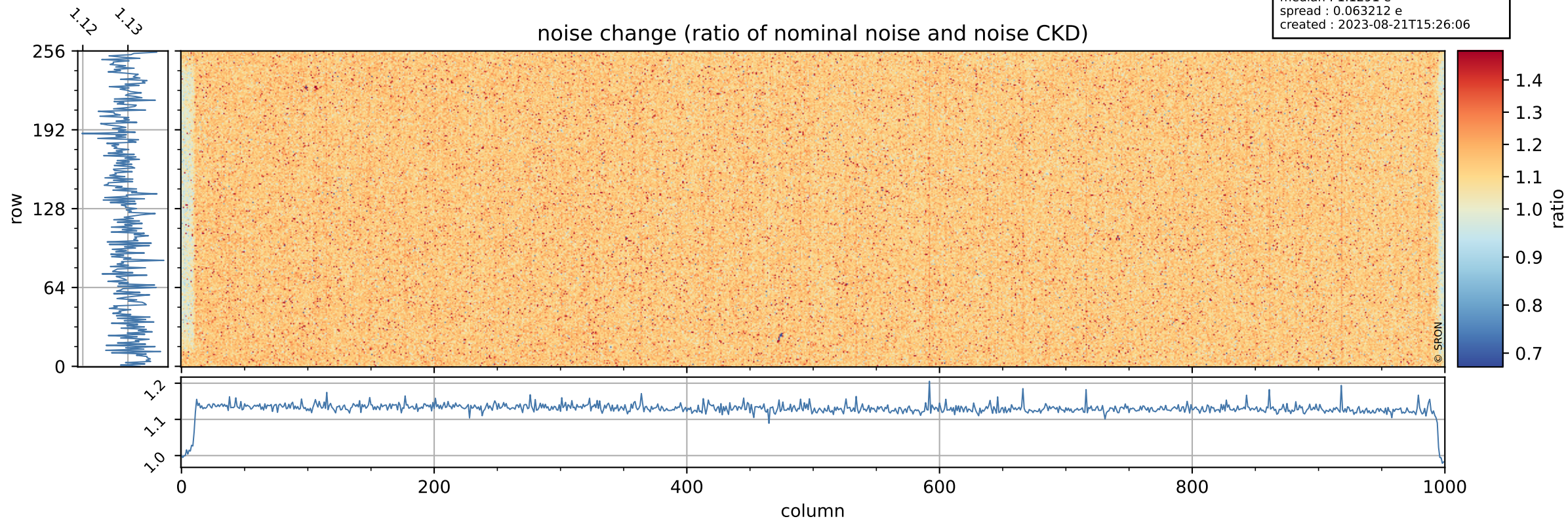
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12412, 12502]
coverage : 2020-03-06 / 2020-03-12
median : 1.0023 e
spread : 0.0081721 e
created : 2023-08-21T15:26:05



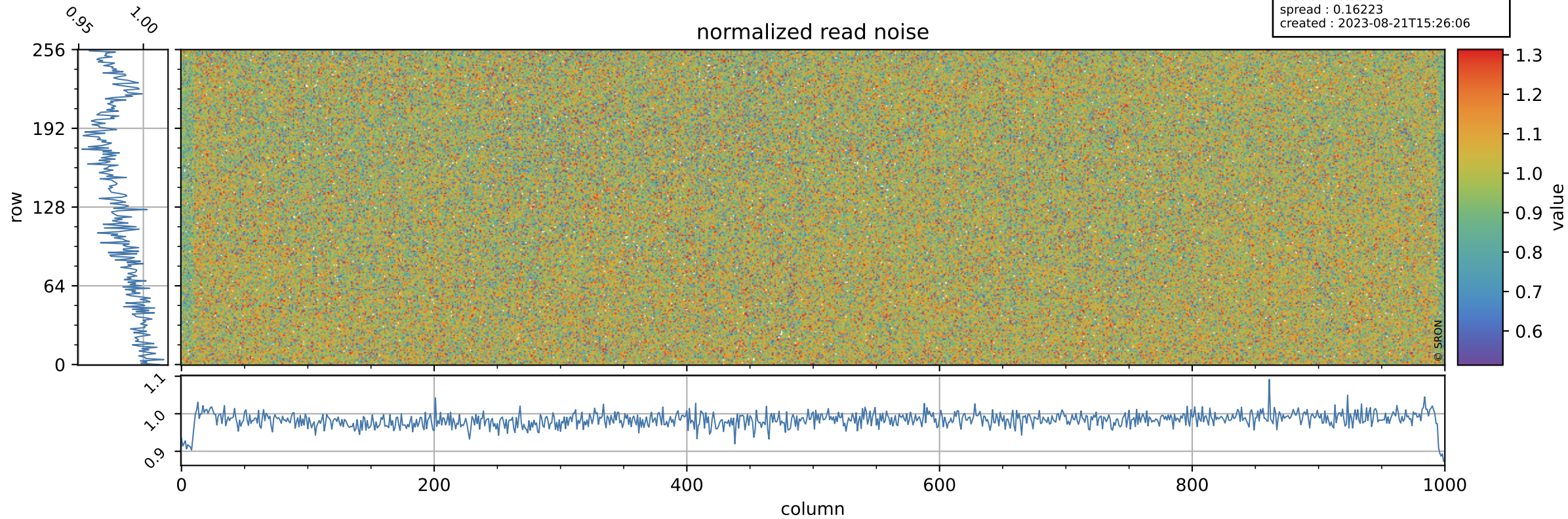
Tropomi SWIR background noise (swir)

orbits : 12 in [12412, 12502]
coverage : 2020-03-06 / 2020-03-12
median : 1.1291 e
spread : 0.063212 e
created : 2023-08-21T15:26:06



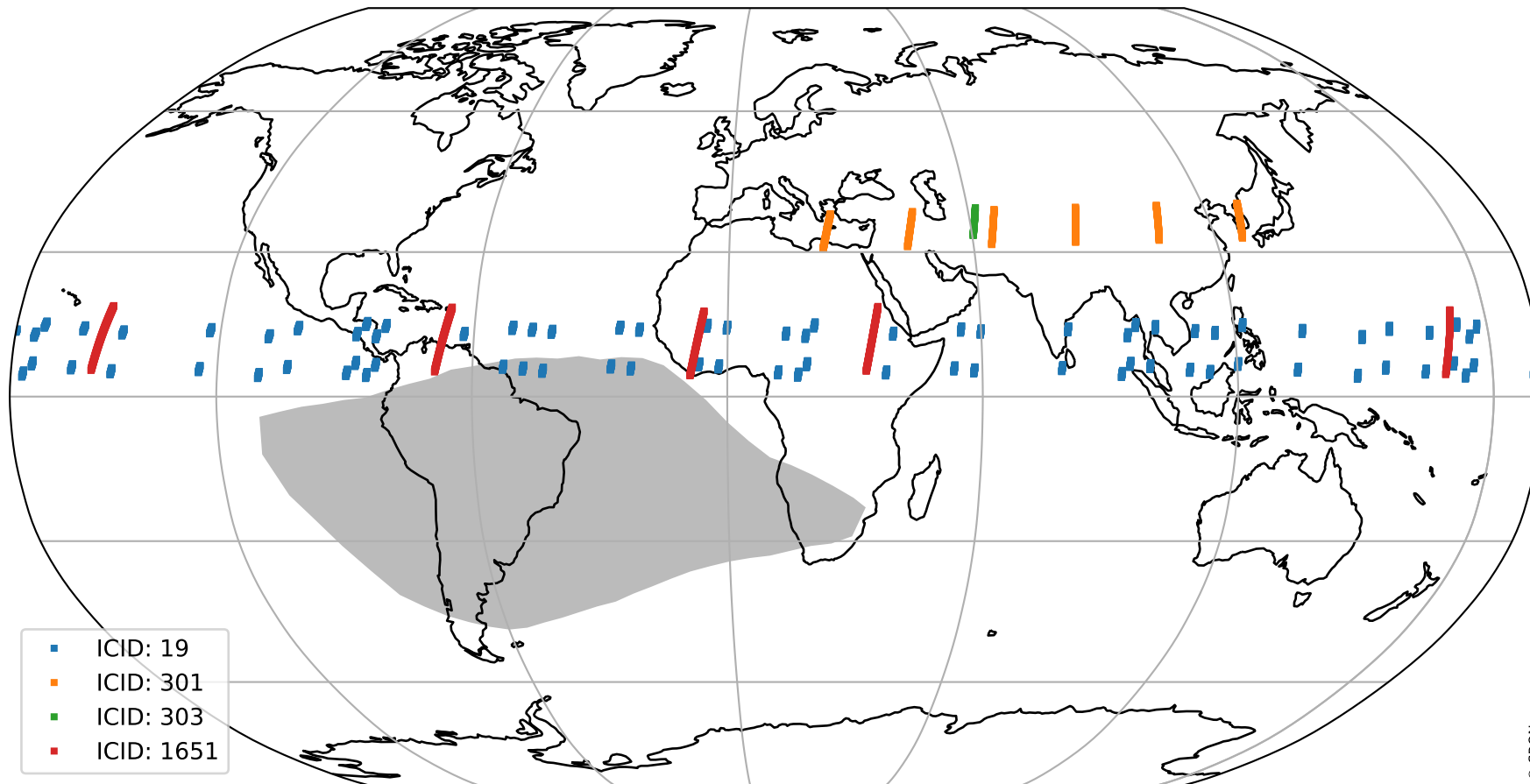
Tropomi SWIR background noise (swir)

orbits : 12 in [12412, 12502]
coverage : 2020-03-06 / 2020-03-12
median : 0.98215
spread : 0.16223
created : 2023-08-21T15:26:06



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

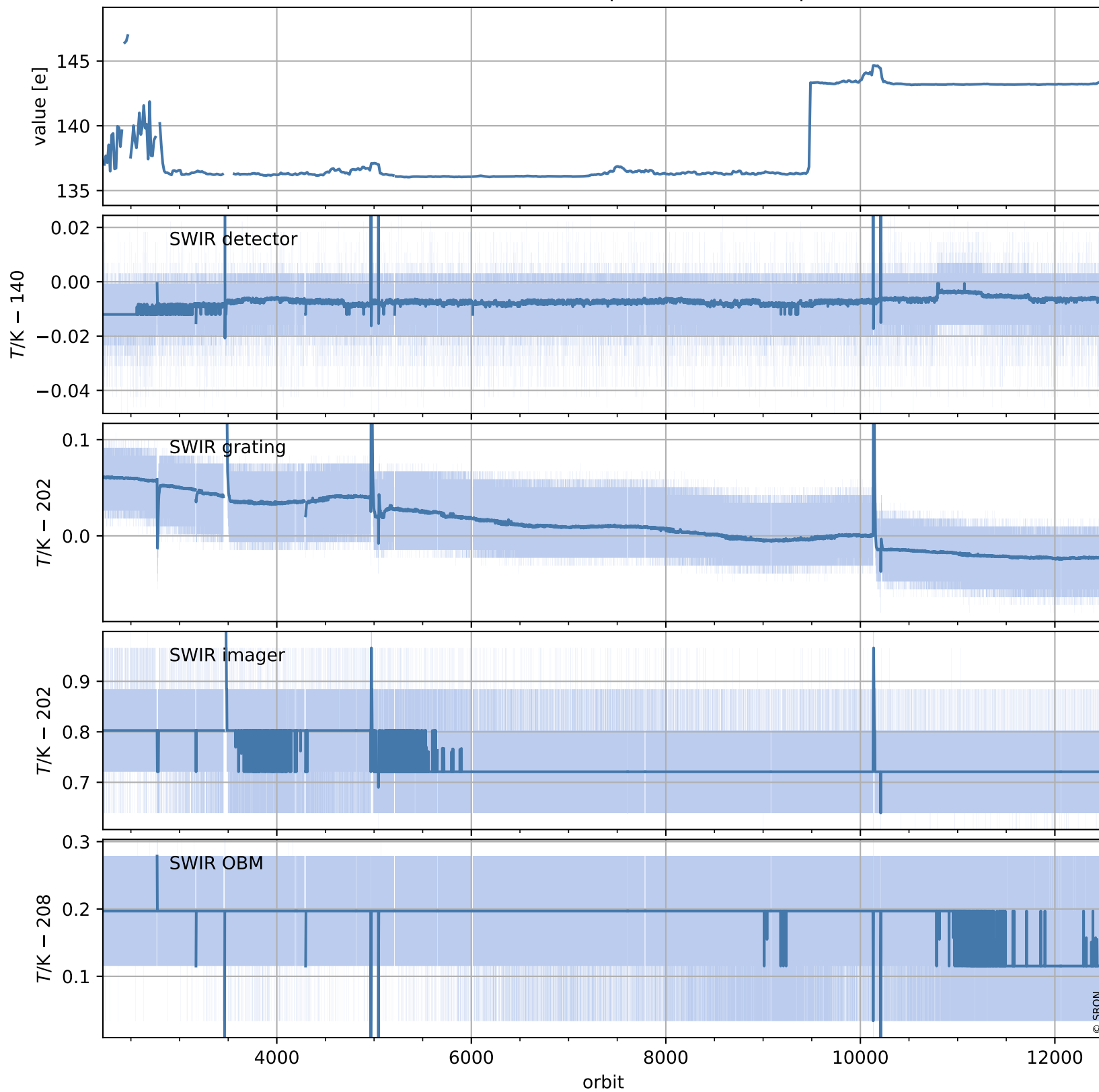
orbits : 12 in [12412, 12502]
coverage : 2020-03-06 / 2020-03-12
created : 2023-08-21T15:26:06



Tropomi SWIR background noise (swir)

orbits : [2212, 12502]
coverage : 2018-03-18 / 2020-03-12
created : 2023-08-21T15:26:07

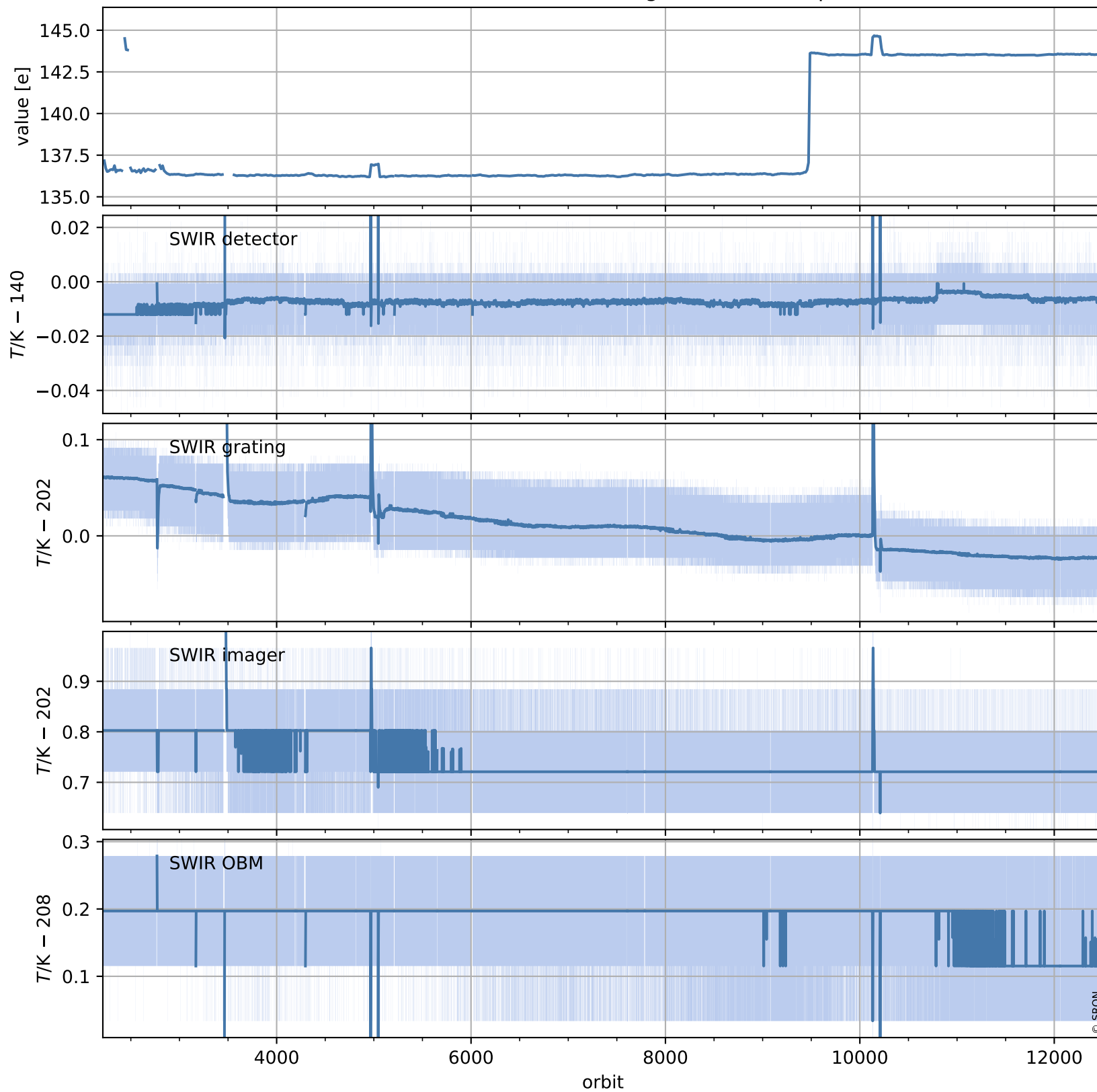
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12502]
coverage : 2018-03-18 / 2020-03-12
created : 2023-08-21T15:26:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12502]
coverage : 2018-03-18 / 2020-03-12
created : 2023-08-21T15:26:08

trend of normalized read-noise & temperatures

