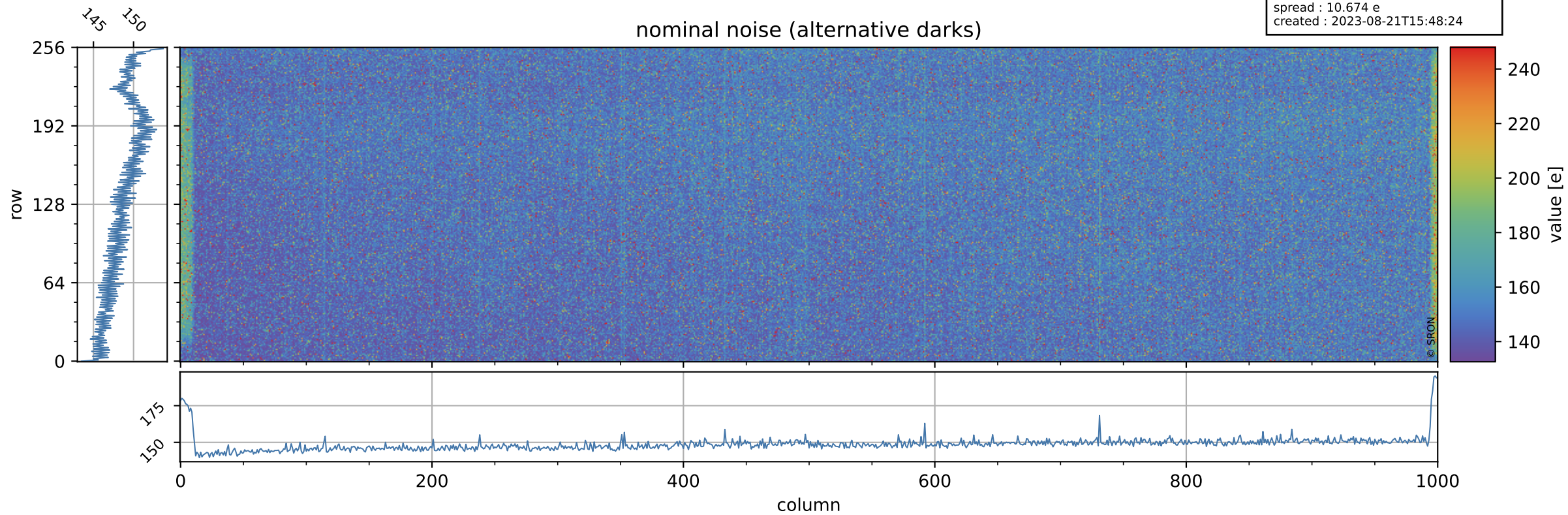


Tropomi SWIR background noise (swir)

orbits : 13 in [16492, 16567]
coverage : 2020-12-18 / 2020-12-23
n_coad, t_exp : 1, 1.0783
median : 148.57 e
spread : 10.674 e
created : 2023-08-21T15:48:24

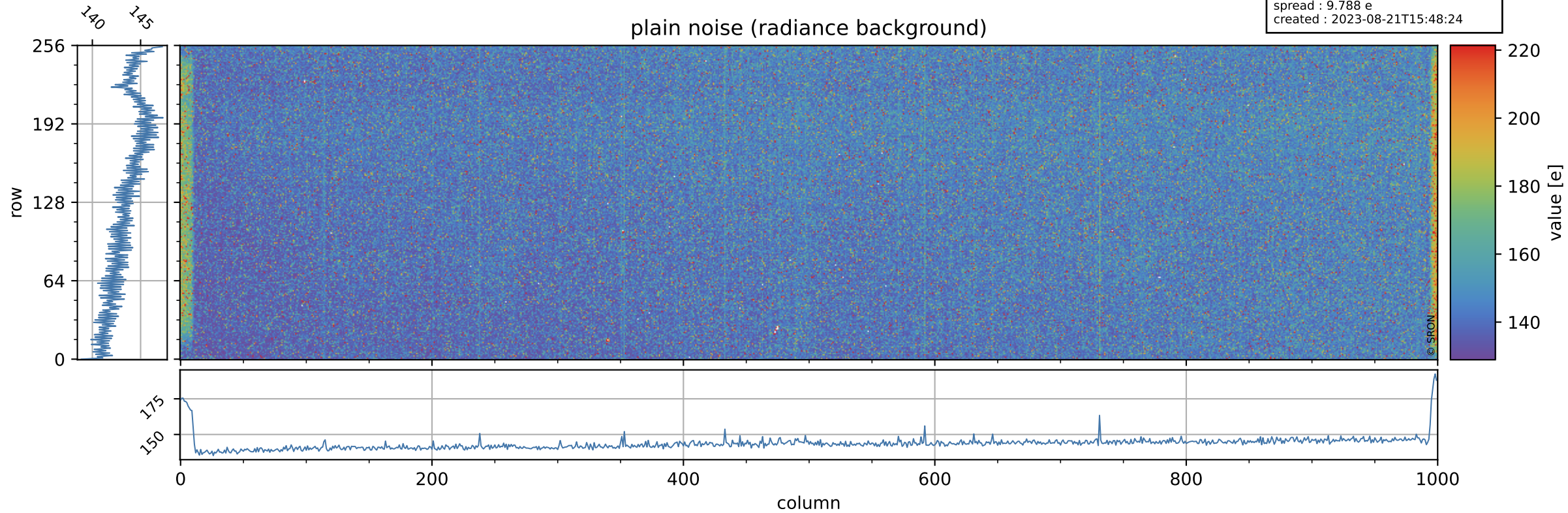
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [16492, 16567]
coverage : 2020-12-18 / 2020-12-23
n_coad, t_exp : 1, 0.8383
median : 143.44 e
spread : 9.788 e
created : 2023-08-21T15:48:24

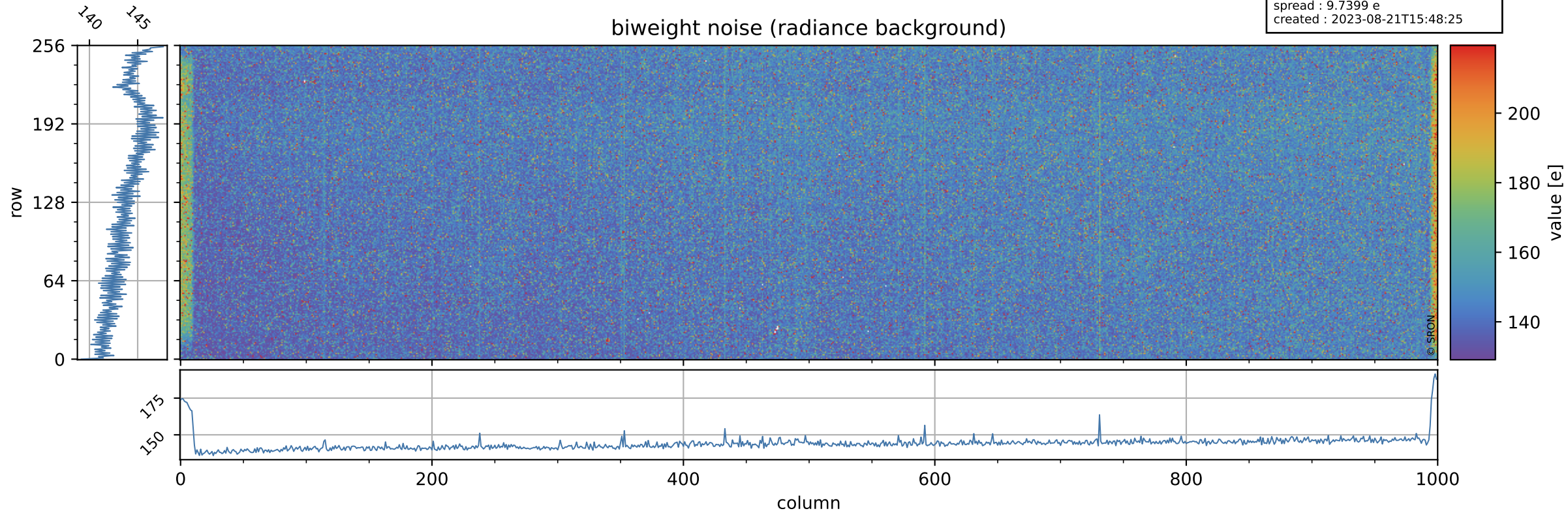
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16492, 16567]
coverage : 2020-12-18 / 2020-12-23
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.7399 e
created : 2023-08-21T15:48:25

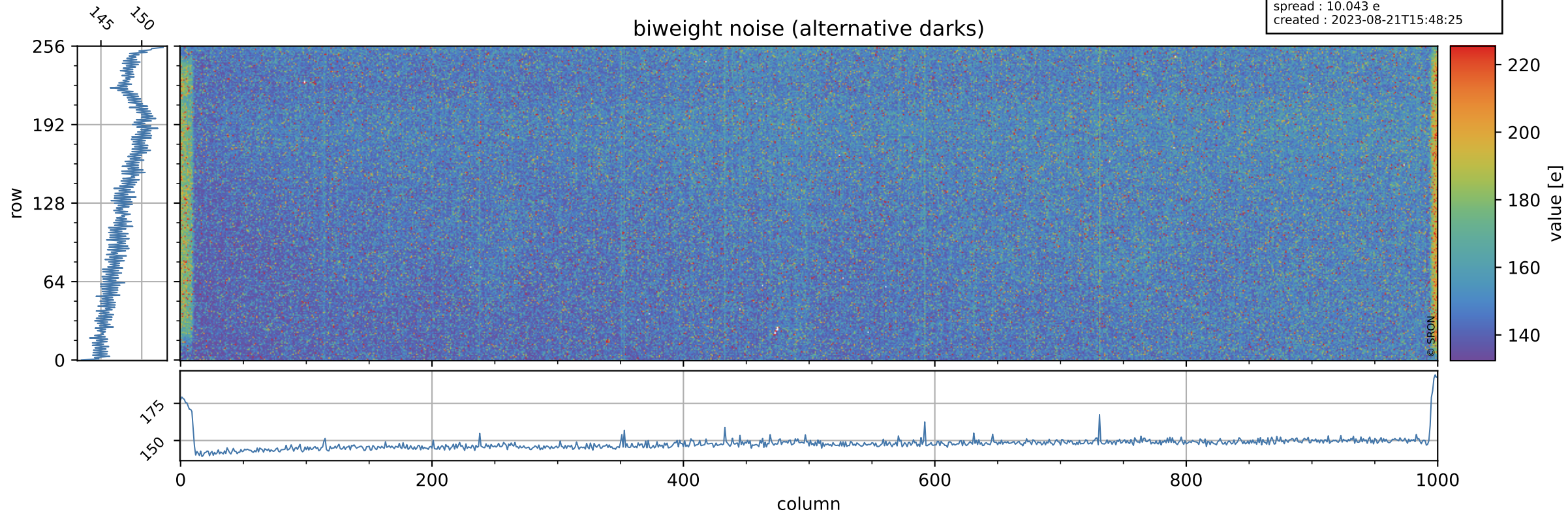
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16492, 16567]
coverage : 2020-12-18 / 2020-12-23
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.043 e
created : 2023-08-21T15:48:25

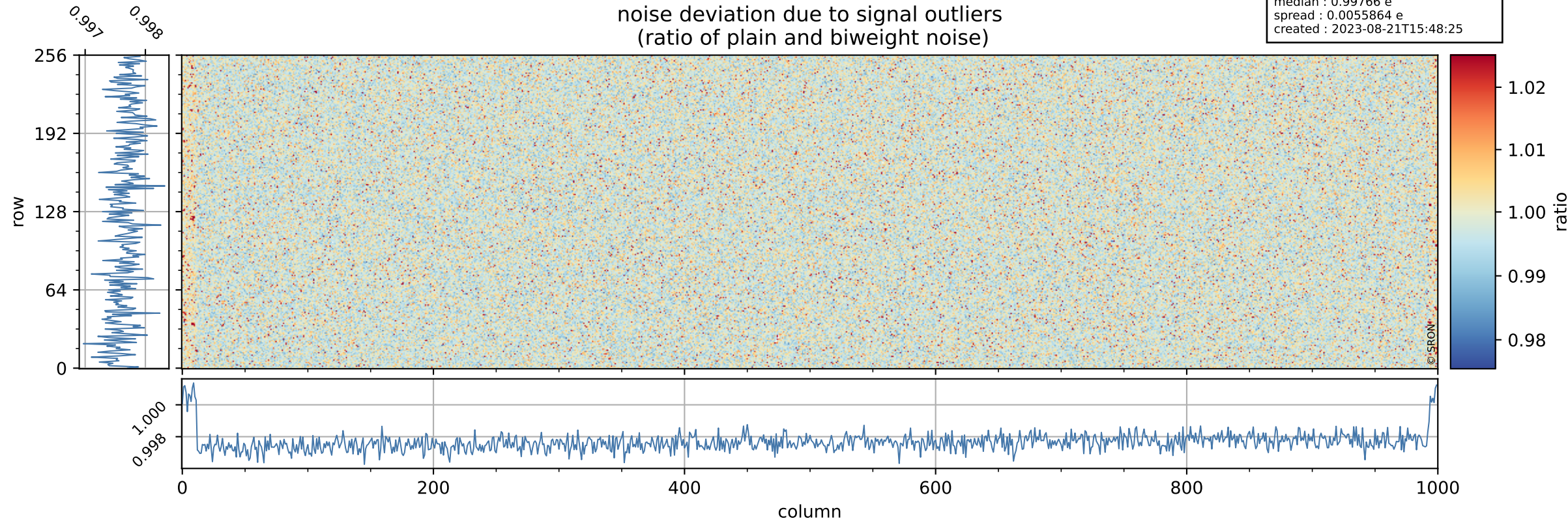
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

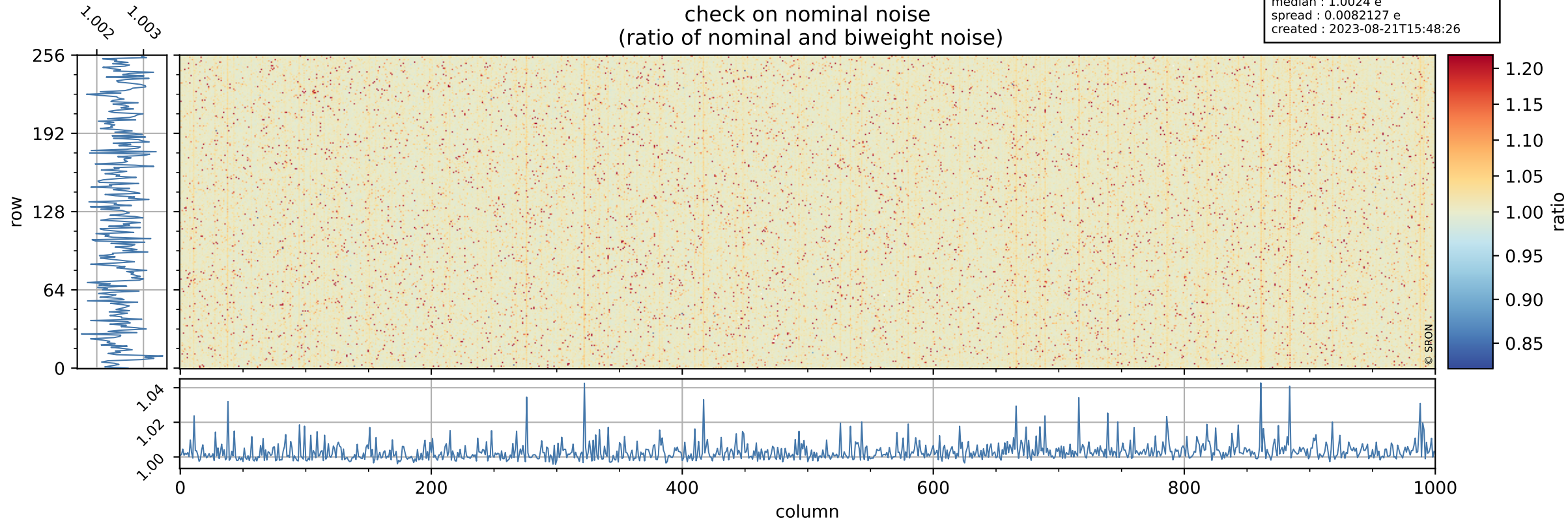
orbits : 13 in [16492, 16567]
coverage : 2020-12-18 / 2020-12-23
median : 0.99766 e
spread : 0.0055864 e
created : 2023-08-21T15:48:25



Tropomi SWIR background noise (swir)

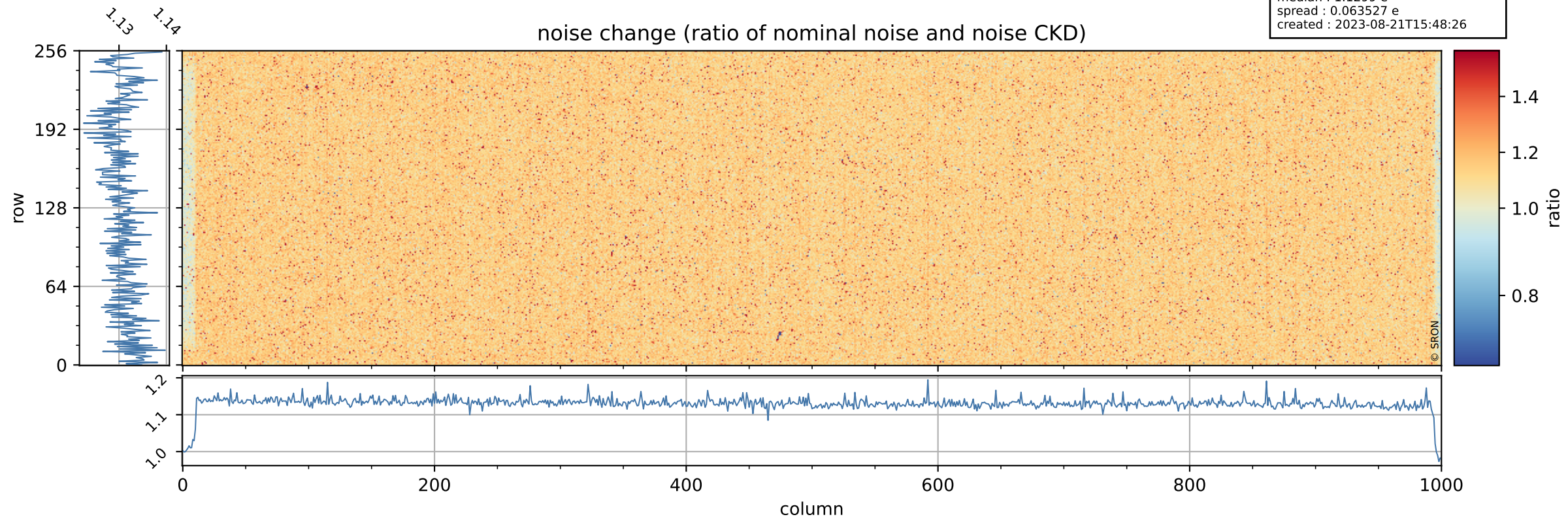
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [16492, 16567]
coverage : 2020-12-18 / 2020-12-23
median : 1.0024 e
spread : 0.0082127 e
created : 2023-08-21T15:48:26



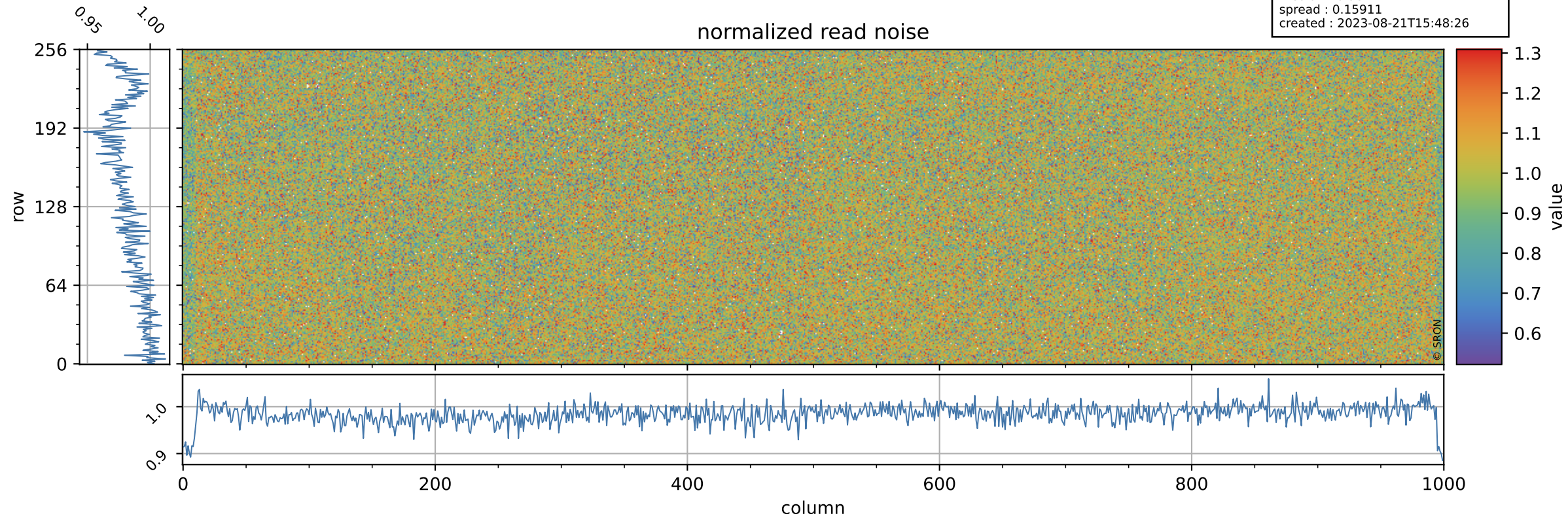
Tropomi SWIR background noise (swir)

orbits : 13 in [16492, 16567]
coverage : 2020-12-18 / 2020-12-23
median : 1.1299 e
spread : 0.063527 e
created : 2023-08-21T15:48:26



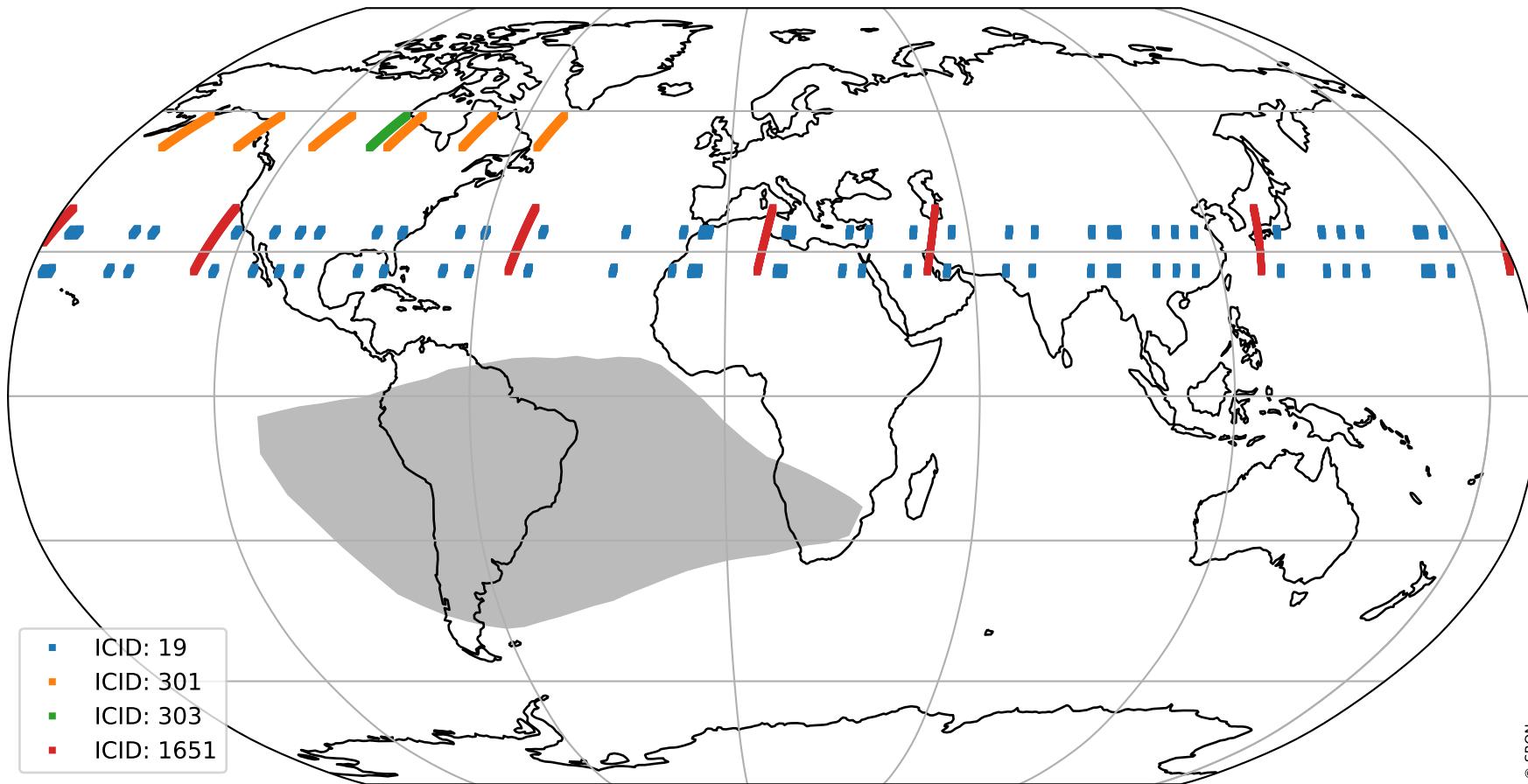
Tropomi SWIR background noise (swir)

orbits : 13 in [16492, 16567]
coverage : 2020-12-18 / 2020-12-23
median : 0.98274
spread : 0.15911
created : 2023-08-21T15:48:26



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

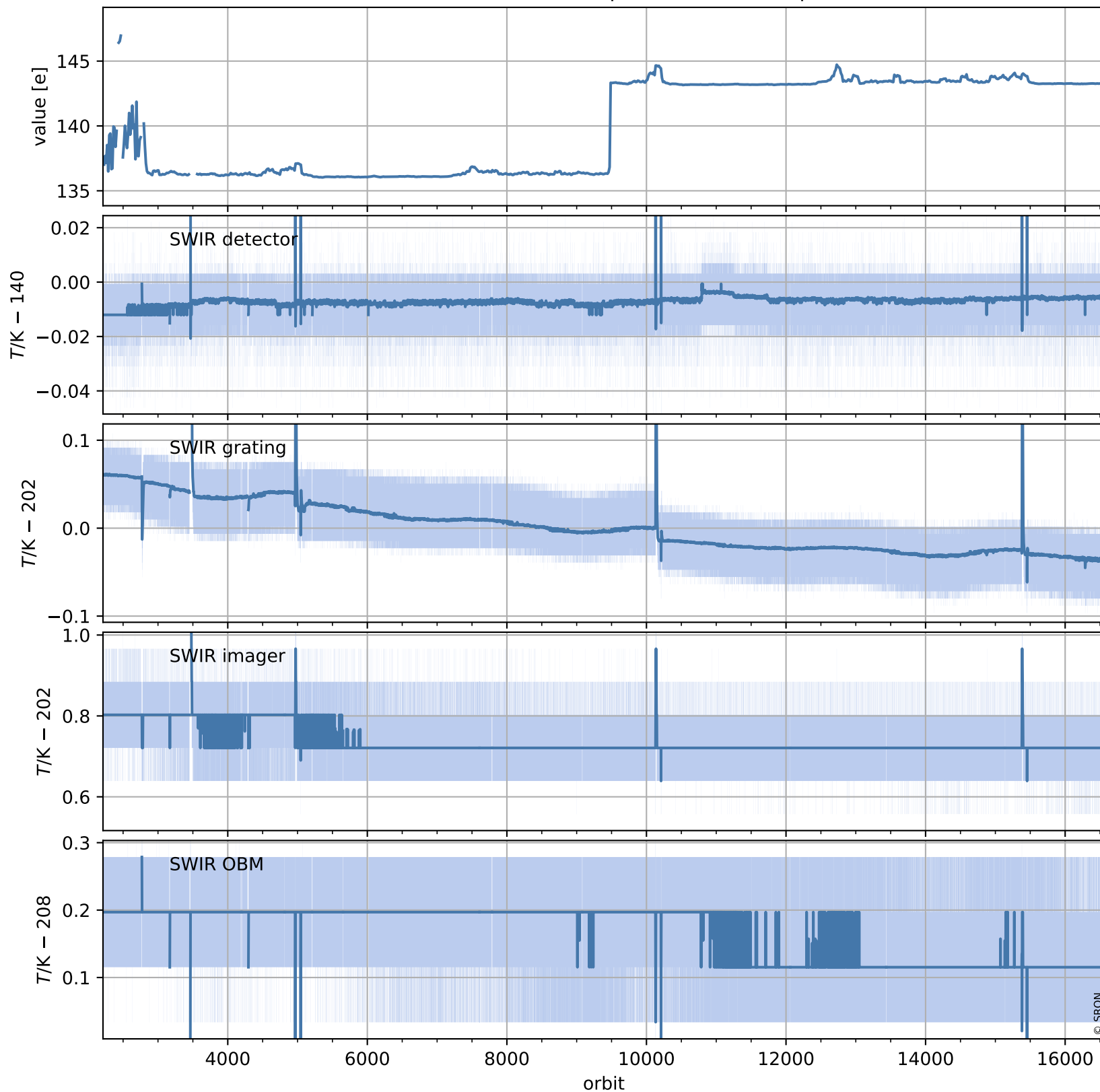
orbits : 13 in [16492, 16567]
coverage : 2020-12-18 / 2020-12-23
created : 2023-08-21T15:48:27



Tropomi SWIR background noise (swir)

orbits : [2212, 16567]
coverage : 2018-03-18 / 2020-12-23
created : 2023-08-21T15:48:27

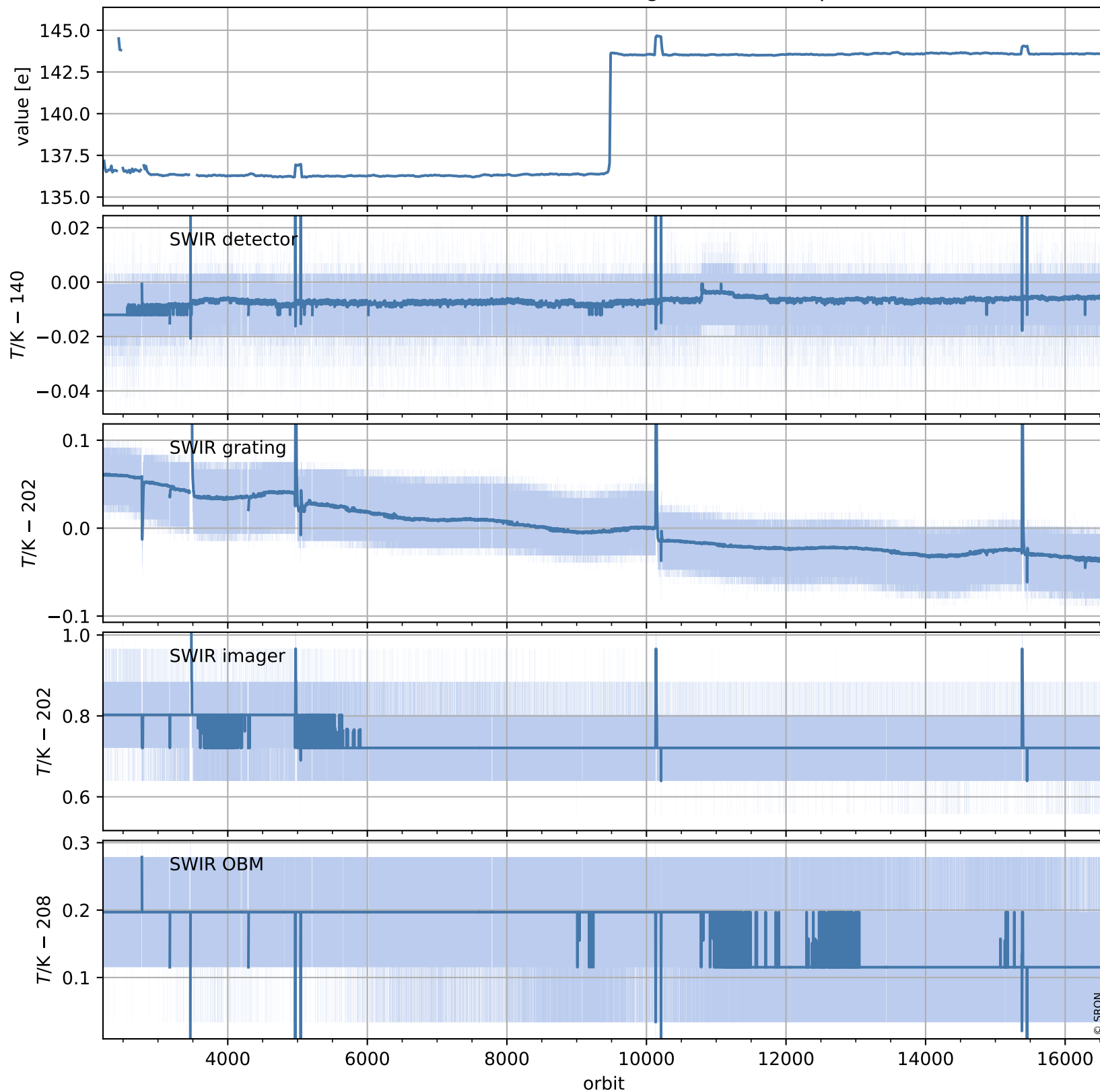
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16567]
coverage : 2018-03-18 / 2020-12-23
created : 2023-08-21T15:48:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16567]
coverage : 2018-03-18 / 2020-12-23
created : 2023-08-21T15:48:28

trend of normalized read-noise & temperatures

