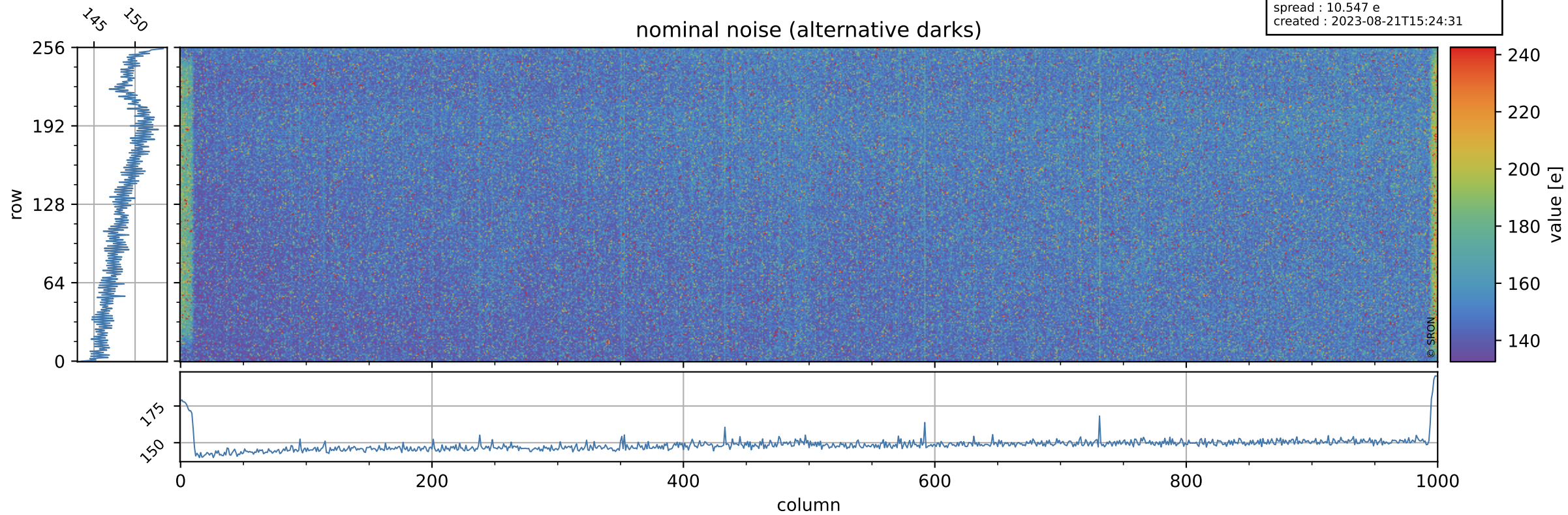


Tropomi SWIR background noise (swir)

orbits : 13 in [12127, 12217]
coverage : 2020-02-15 / 2020-02-21
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.547 e
created : 2023-08-21T15:24:31

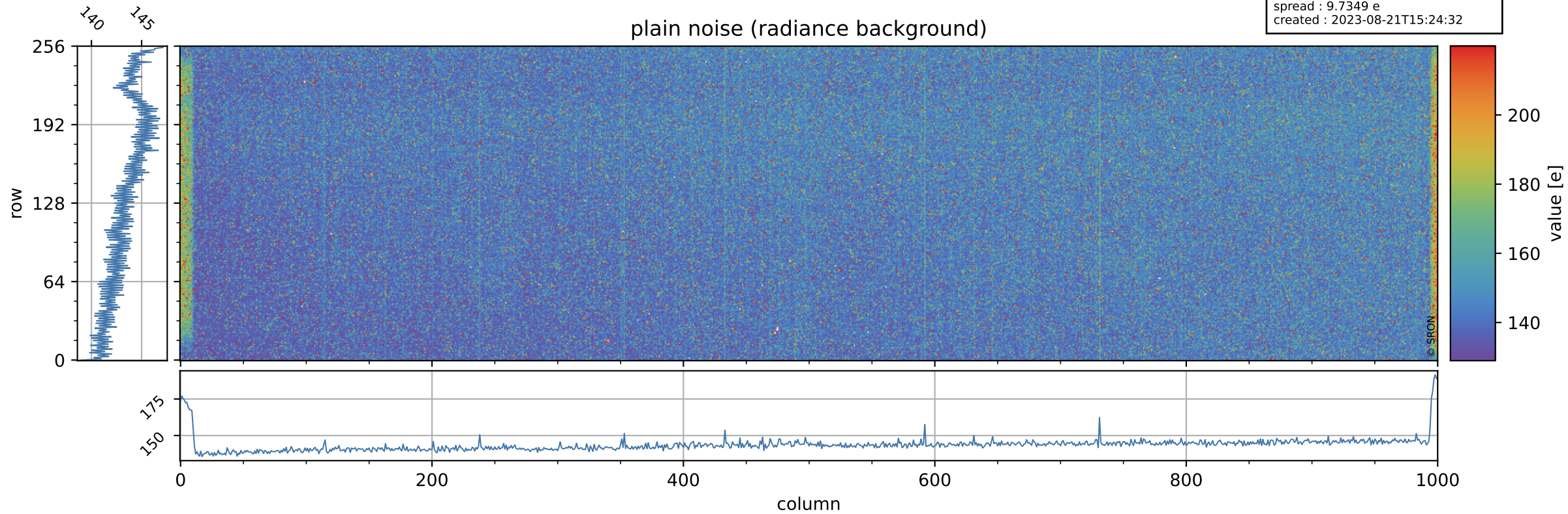
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [12127, 12217]
coverage : 2020-02-15 / 2020-02-21
n_coad, t_exp : 1, 0.8383
median : 143.35 e
spread : 9.7349 e
created : 2023-08-21T15:24:32

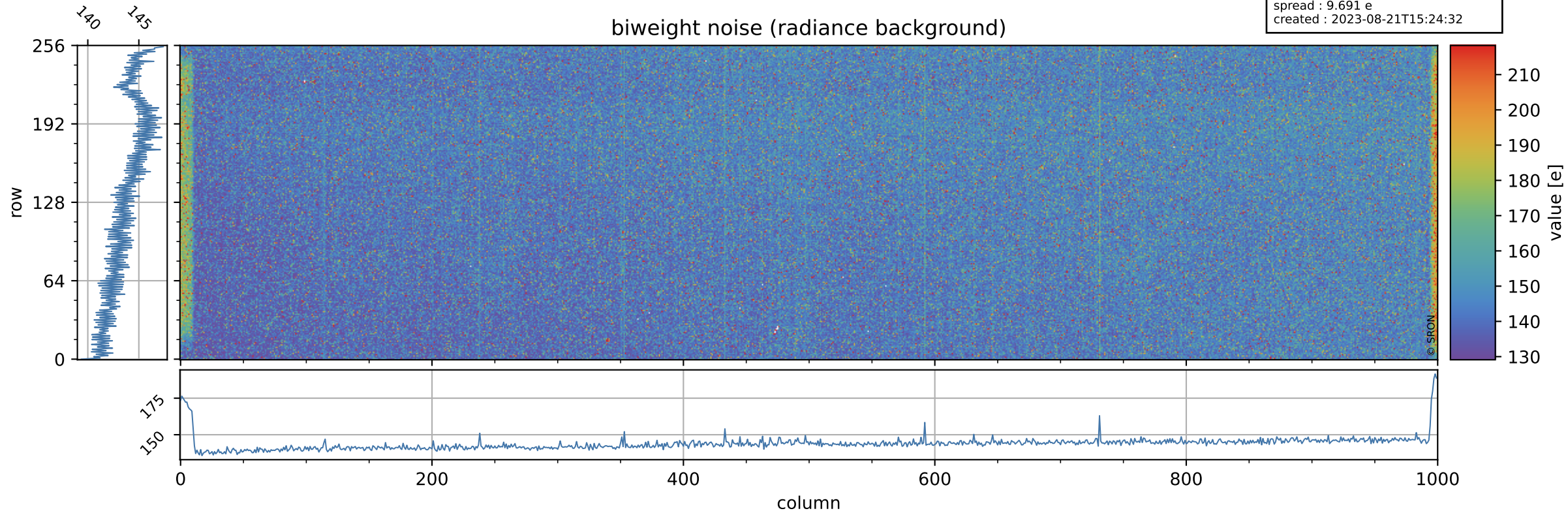
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12127, 12217]
coverage : 2020-02-15 / 2020-02-21
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 9.691 e
created : 2023-08-21T15:24:32

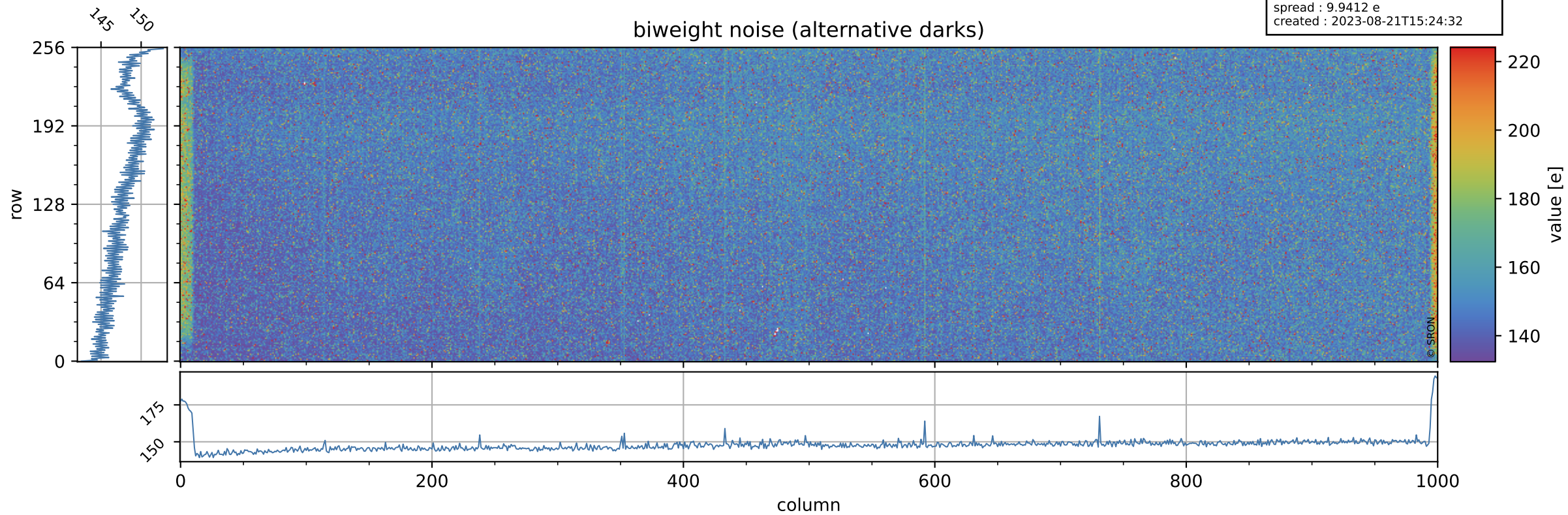
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12127, 12217]
coverage : 2020-02-15 / 2020-02-21
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 9.9412 e
created : 2023-08-21T15:24:32

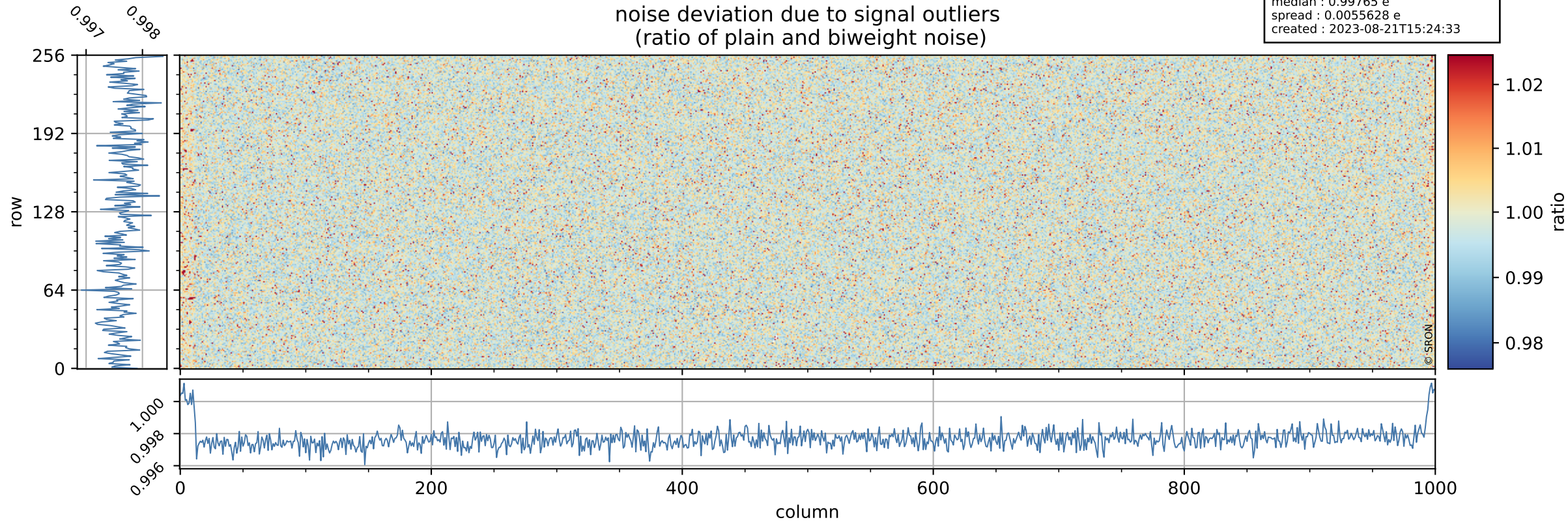
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

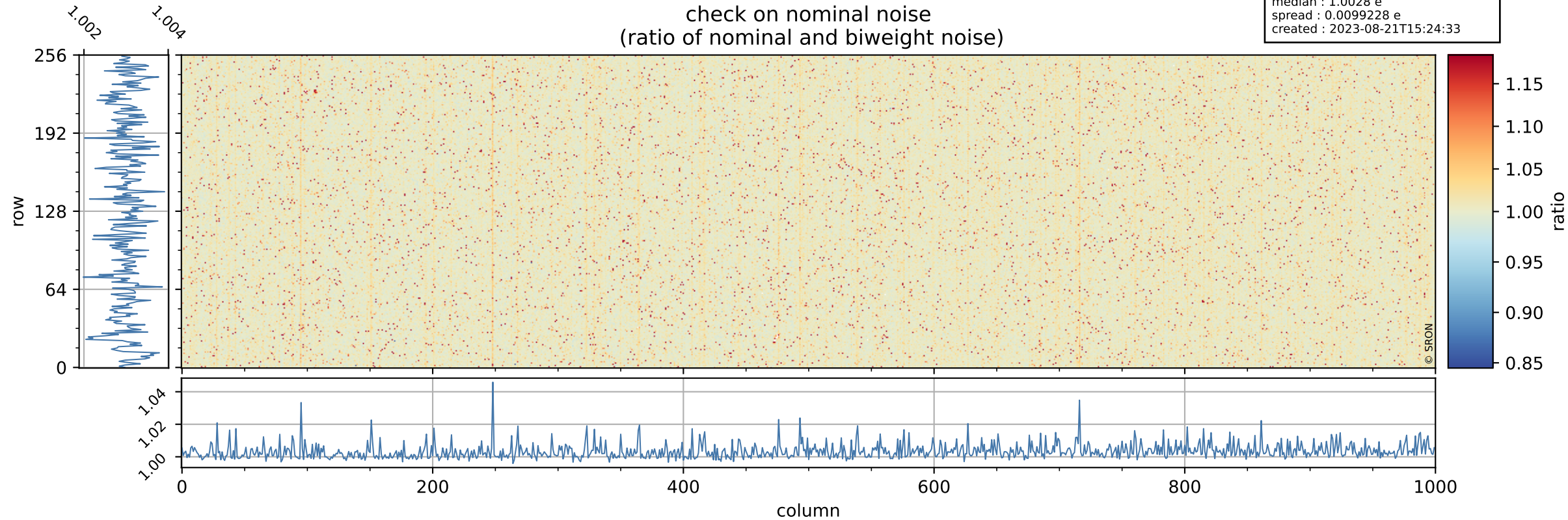
orbits : 13 in [12127, 12217]
coverage : 2020-02-15 / 2020-02-21
median : 0.99765 e
spread : 0.0055628 e
created : 2023-08-21T15:24:33



Tropomi SWIR background noise (swir)

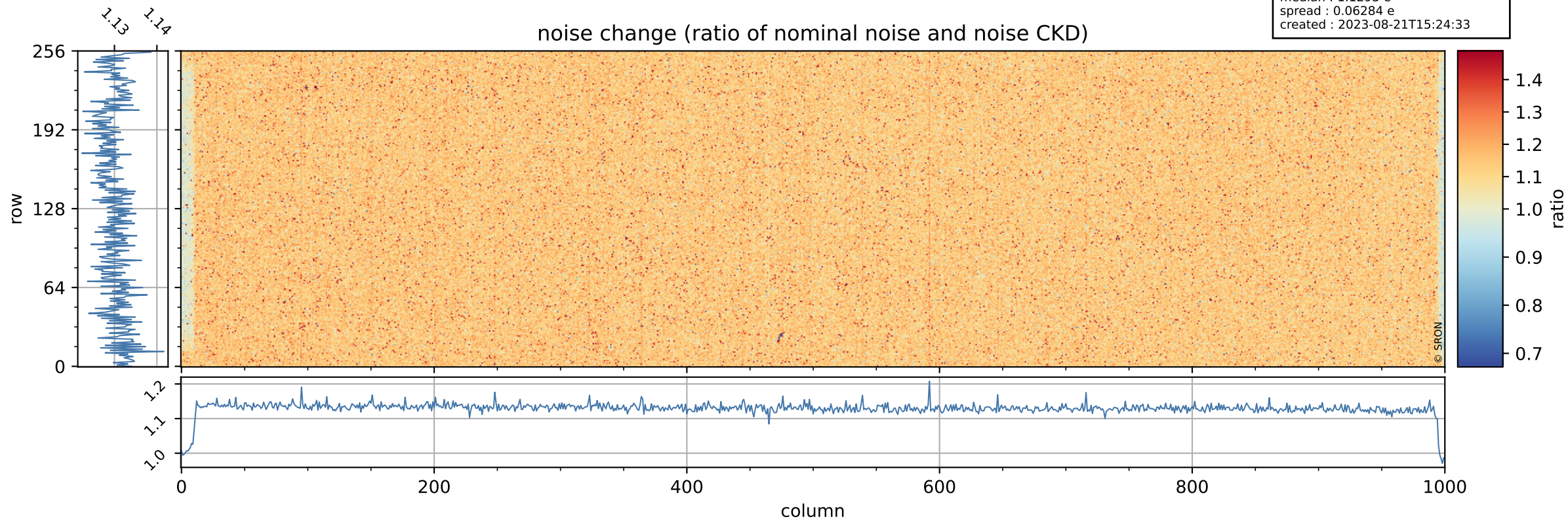
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [12127, 12217]
coverage : 2020-02-15 / 2020-02-21
median : 1.0028 e
spread : 0.0099228 e
created : 2023-08-21T15:24:33



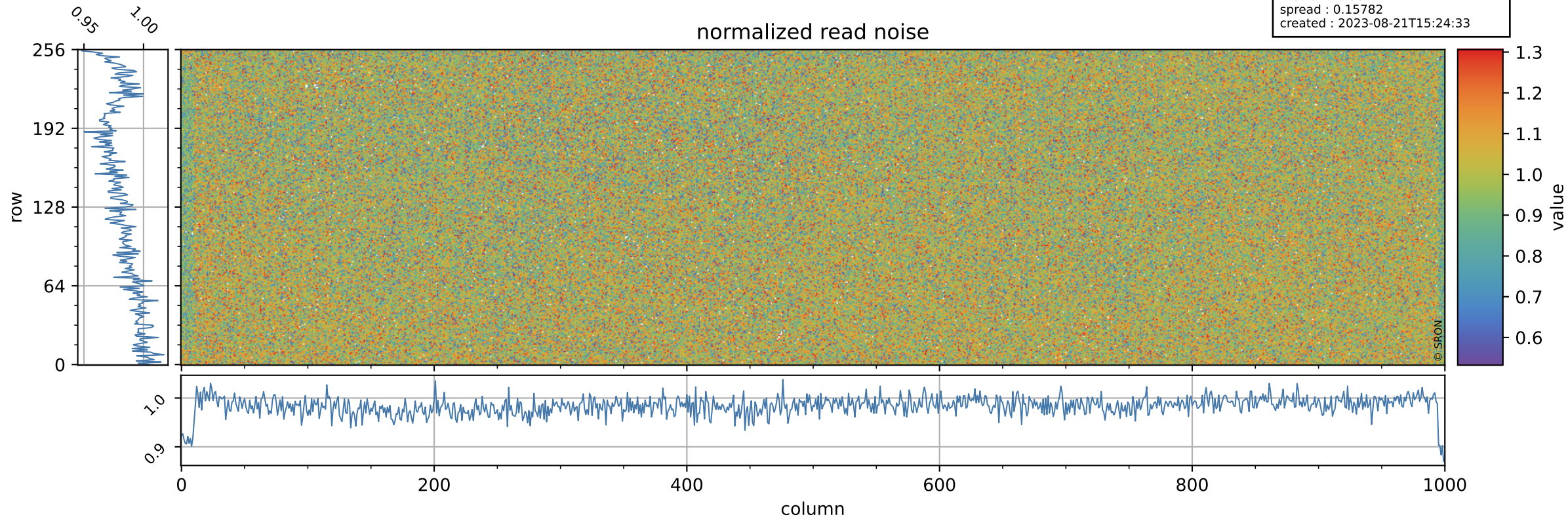
Tropomi SWIR background noise (swir)

orbits : 13 in [12127, 12217]
coverage : 2020-02-15 / 2020-02-21
median : 1.1293 e
spread : 0.06284 e
created : 2023-08-21T15:24:33



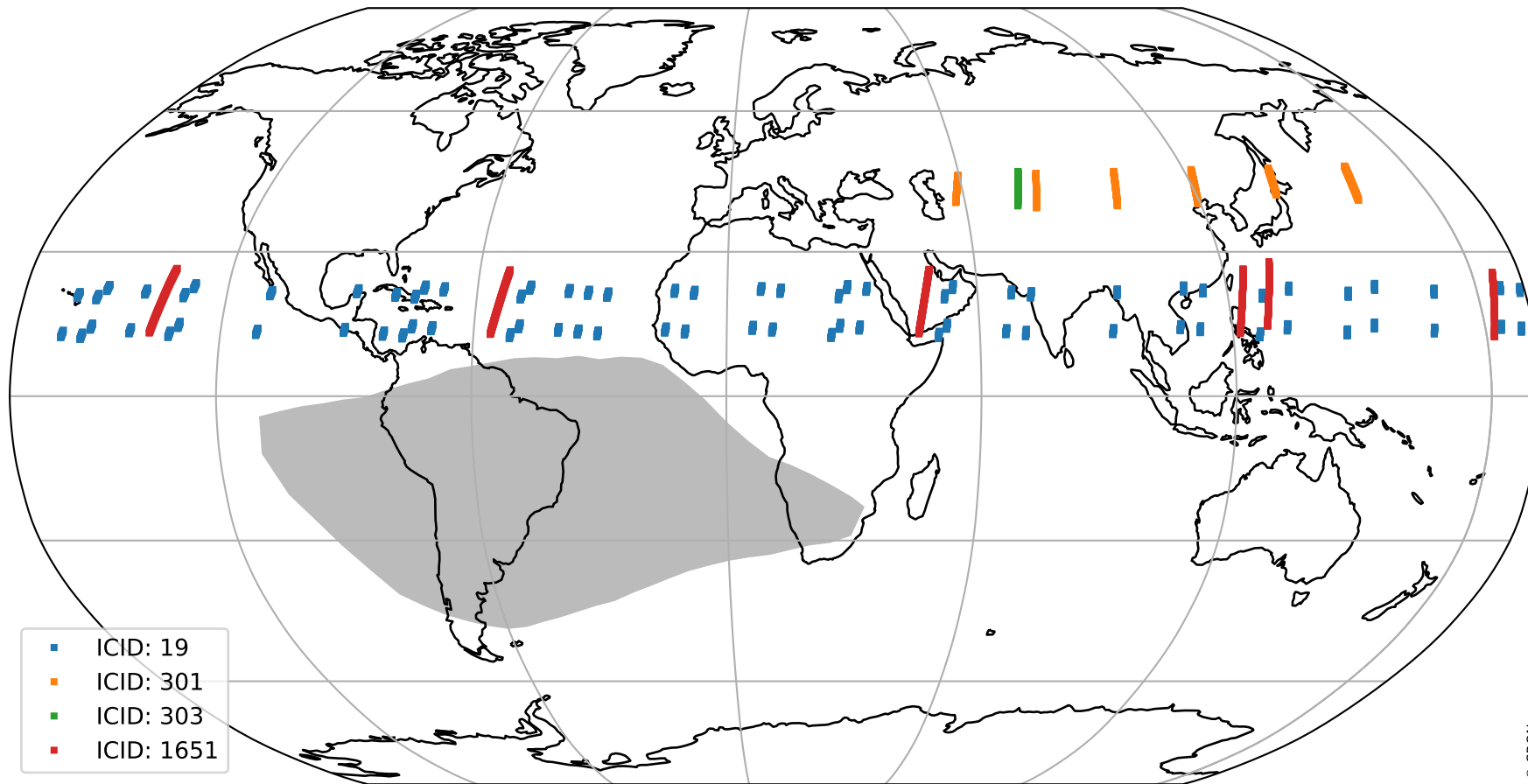
Tropomi SWIR background noise (swir)

orbits : 13 in [12127, 12217]
coverage : 2020-02-15 / 2020-02-21
median : 0.98244
spread : 0.15782
created : 2023-08-21T15:24:33



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

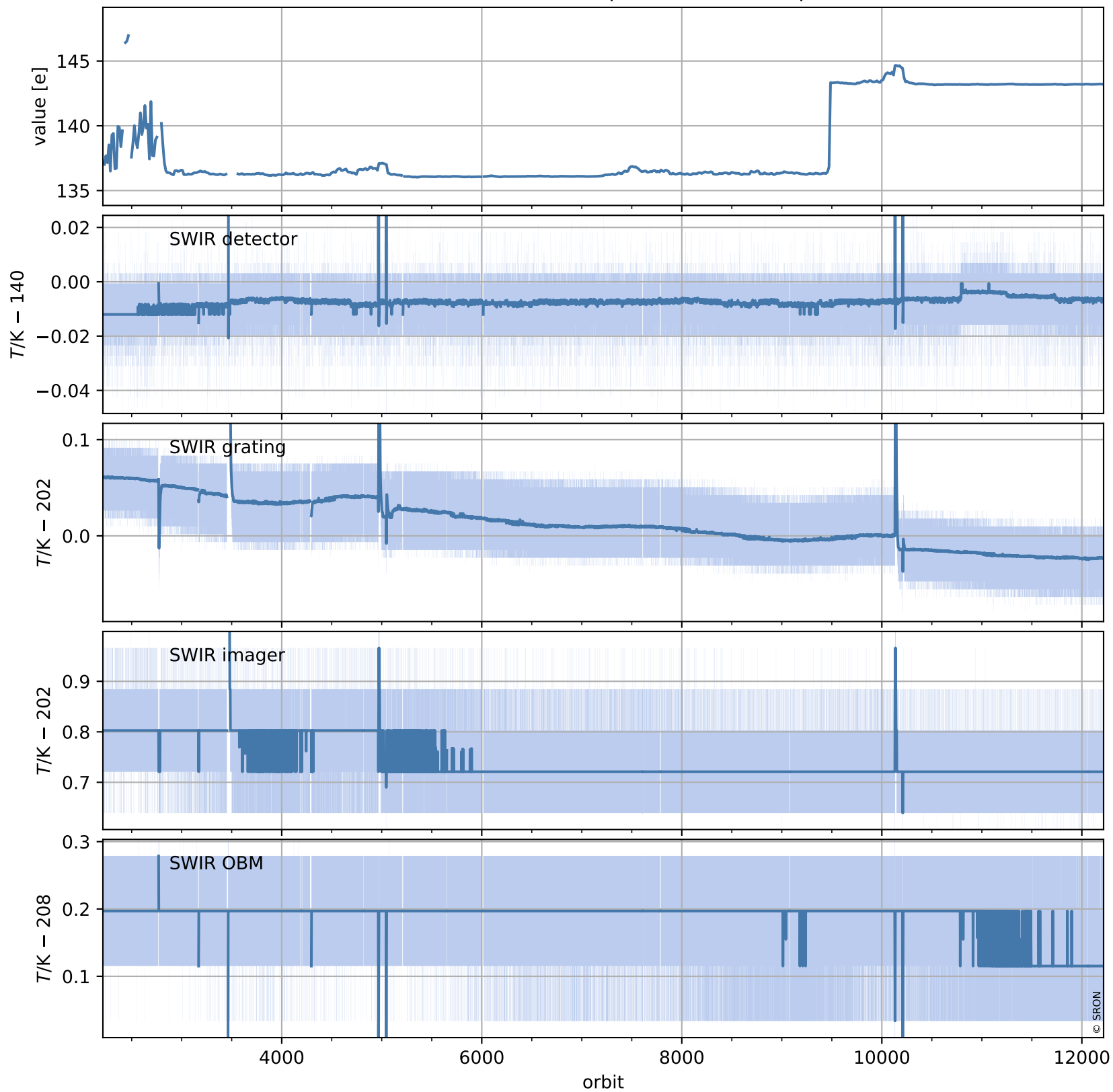
orbits : 13 in [12127, 12217]
coverage : 2020-02-15 / 2020-02-21
created : 2023-08-21T15:24:34



Tropomi SWIR background noise (swir)

orbits : [2212, 12217]
coverage : 2018-03-18 / 2020-02-21
created : 2023-08-21T15:24:34

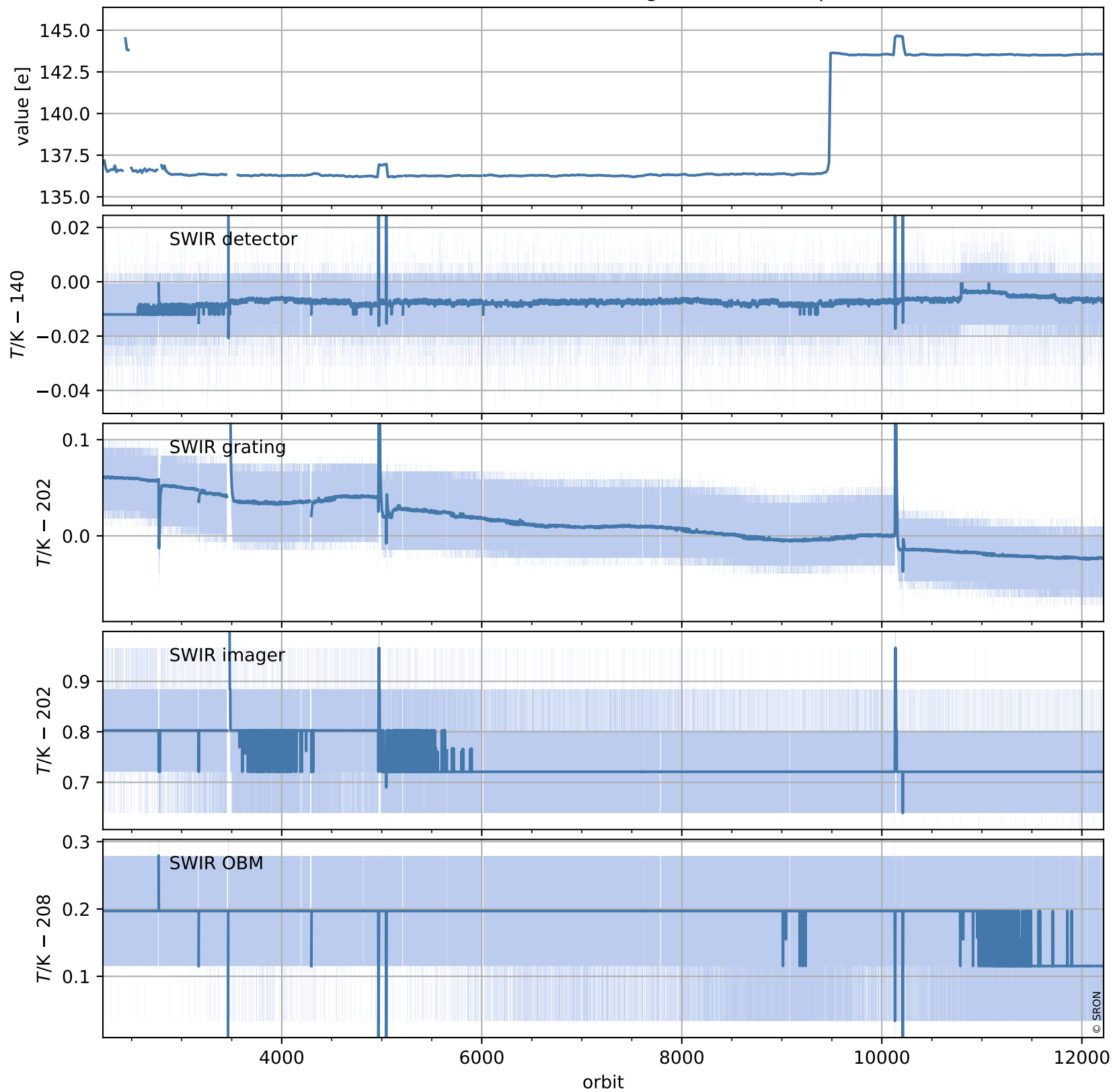
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12217]
coverage : 2018-03-18 / 2020-02-21
created : 2023-08-21T15:24:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12217]
coverage : 2018-03-18 / 2020-02-21
created : 2023-08-21T15:24:35

trend of normalized read-noise & temperatures

