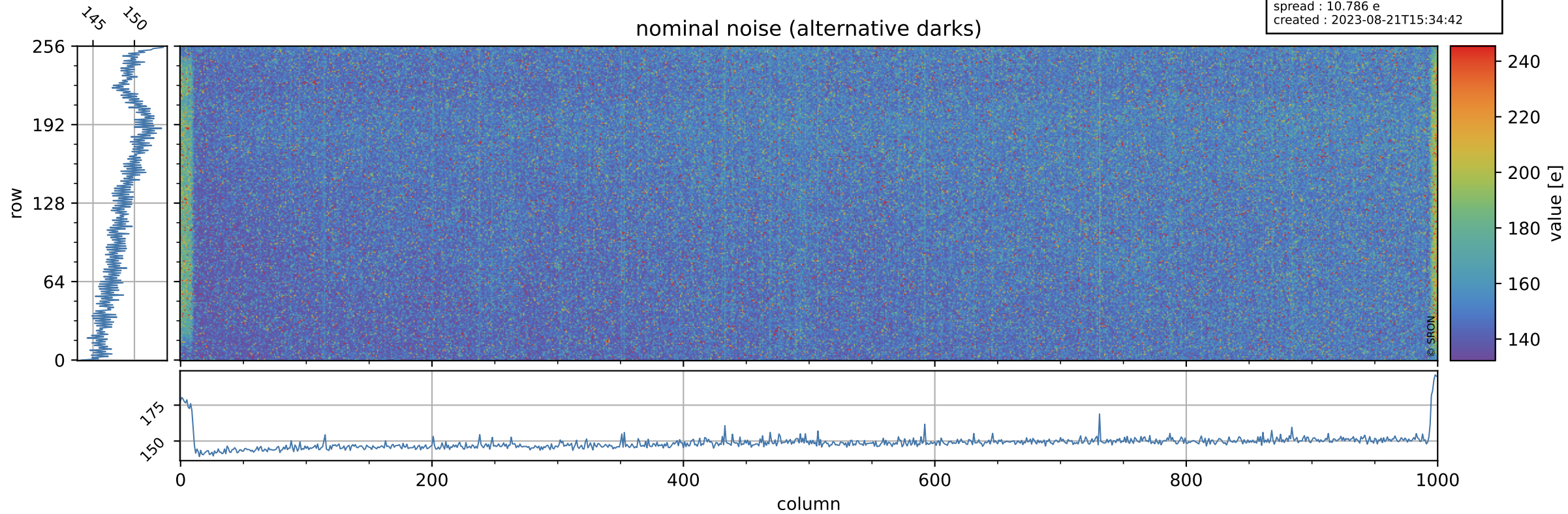


Tropomi SWIR background noise (swir)

orbits : 12 in [14017, 14107]
coverage : 2020-06-27 / 2020-07-03
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.786 e
created : 2023-08-21T15:34:42

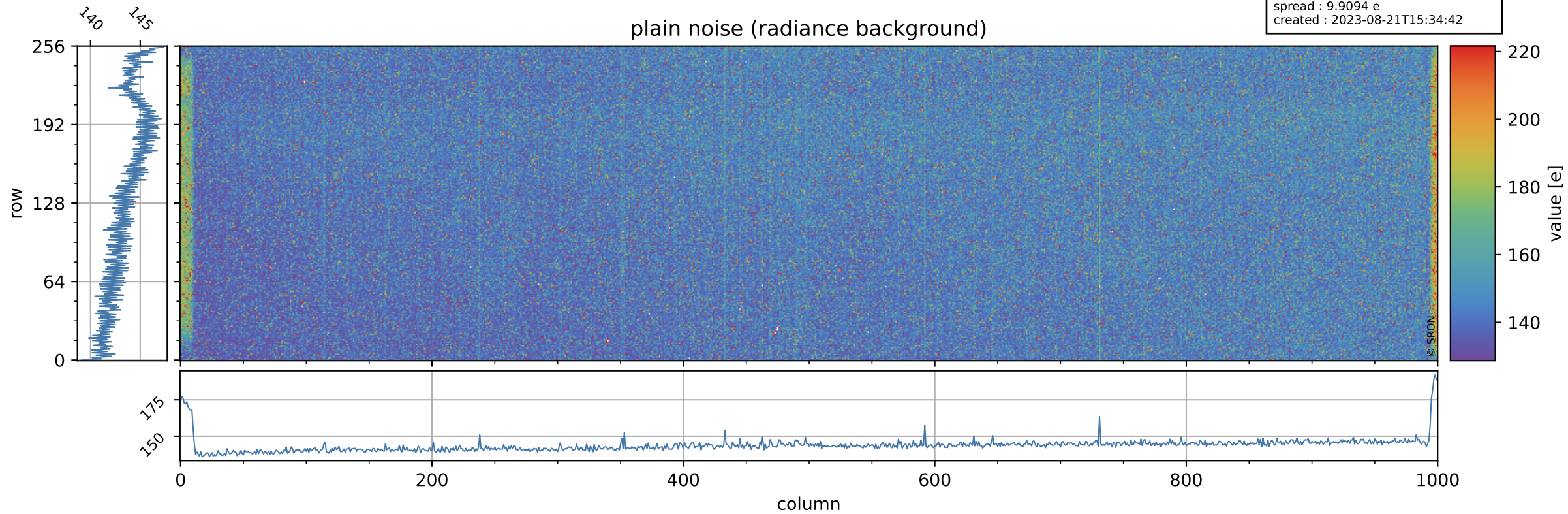
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14017, 14107]
coverage : 2020-06-27 / 2020-07-03
n_coad, t_exp : 1, 0.8383
median : 143.52 e
spread : 9.9094 e
created : 2023-08-21T15:34:42

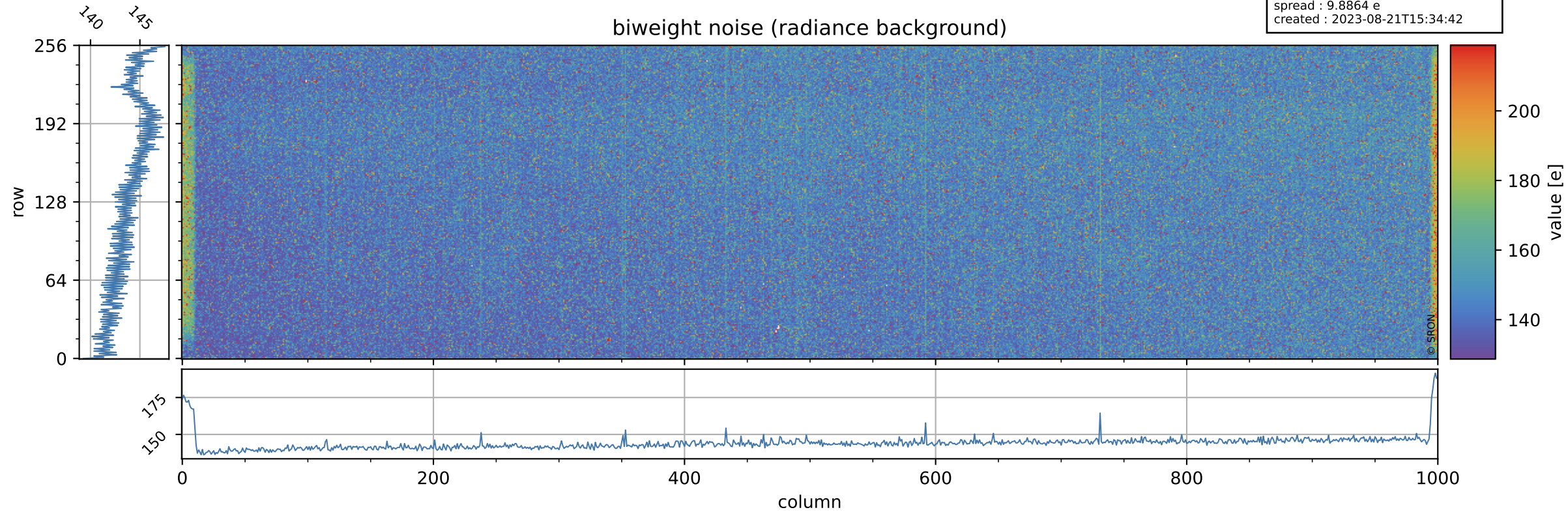
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14017, 14107]
coverage : 2020-06-27 / 2020-07-03
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.8864 e
created : 2023-08-21T15:34:42

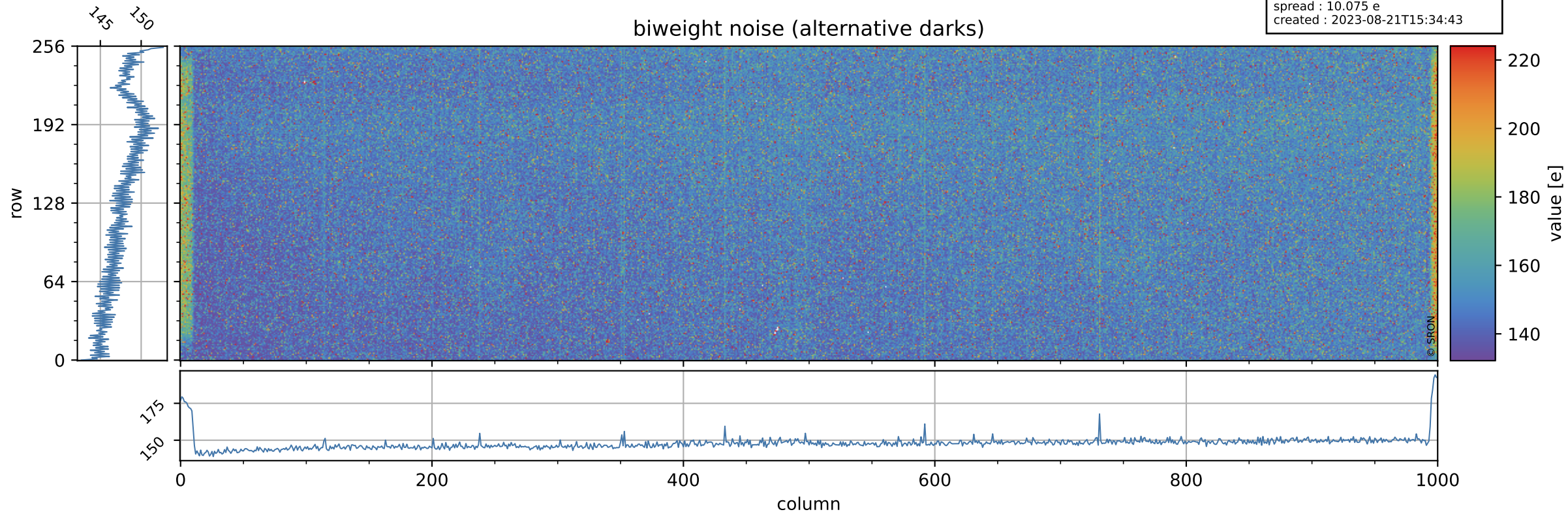
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14017, 14107]
coverage : 2020-06-27 / 2020-07-03
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.075 e
created : 2023-08-21T15:34:43

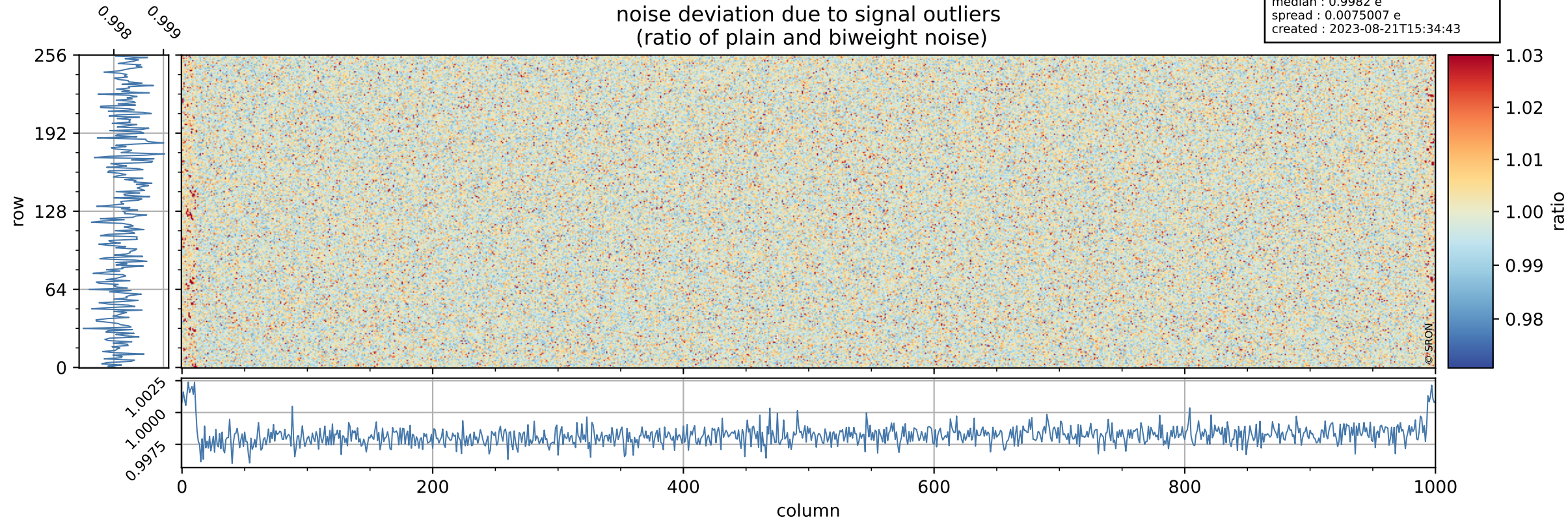
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

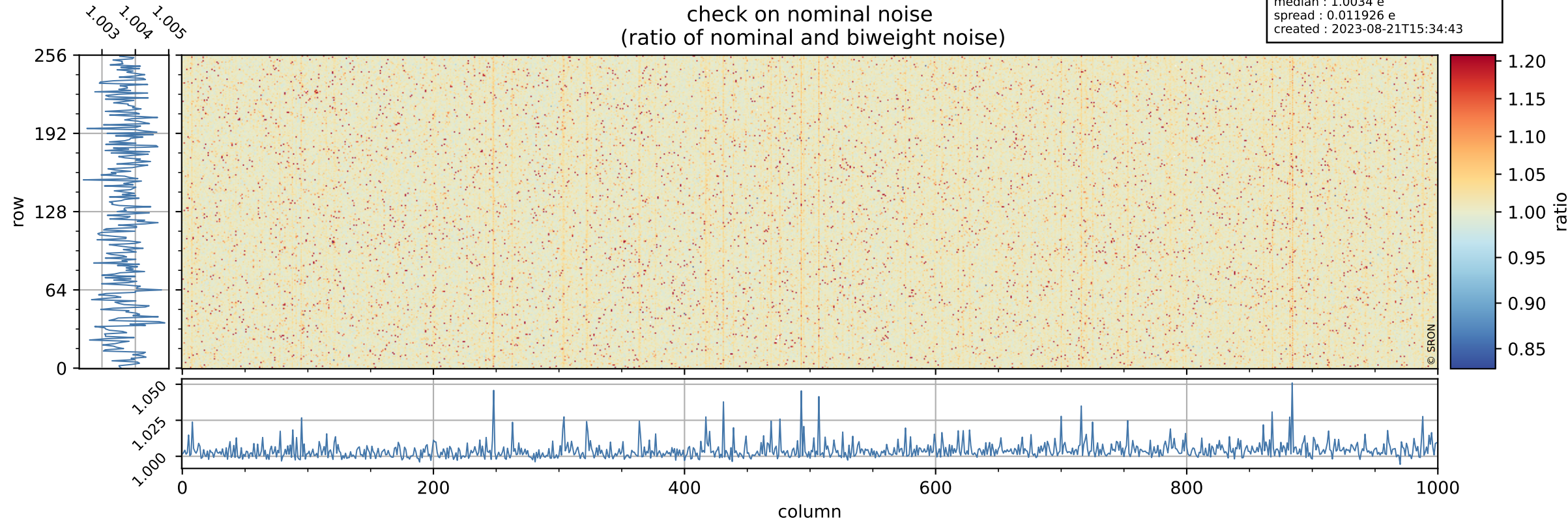
orbits : 12 in [14017, 14107]
coverage : 2020-06-27 / 2020-07-03
median : 0.9982 e
spread : 0.0075007 e
created : 2023-08-21T15:34:43



Tropomi SWIR background noise (swir)

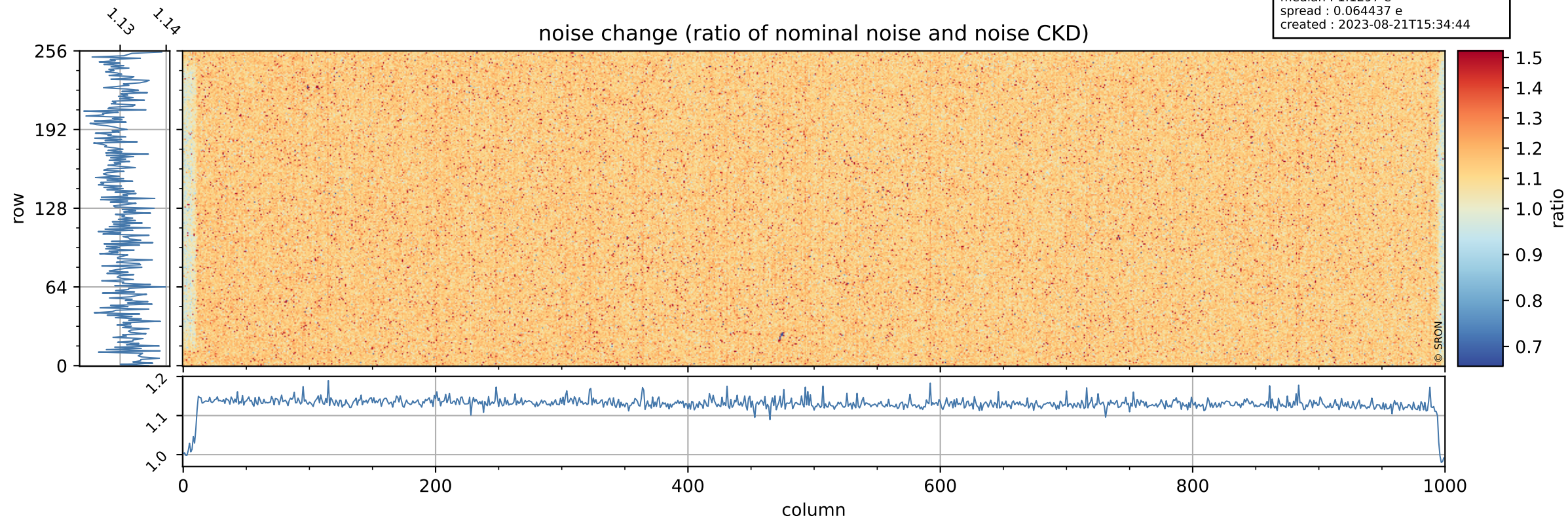
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14017, 14107]
coverage : 2020-06-27 / 2020-07-03
median : 1.0034 e
spread : 0.011926 e
created : 2023-08-21T15:34:43



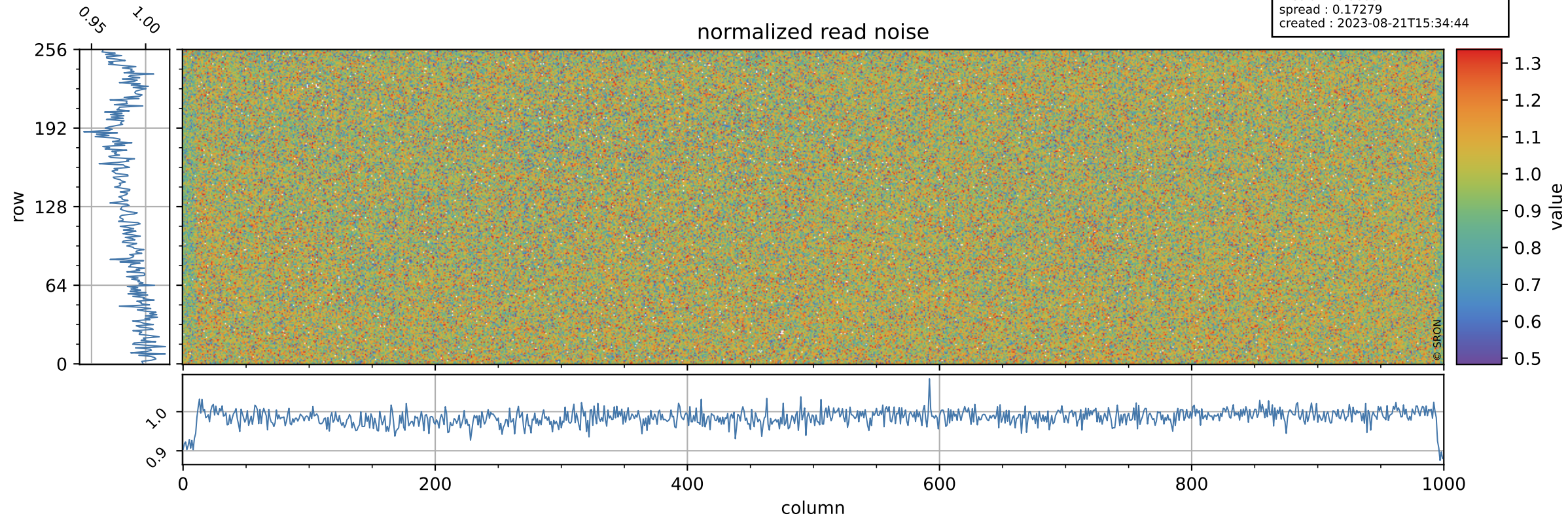
Tropomi SWIR background noise (swir)

orbits : 12 in [14017, 14107]
coverage : 2020-06-27 / 2020-07-03
median : 1.1297 e
spread : 0.064437 e
created : 2023-08-21T15:34:44



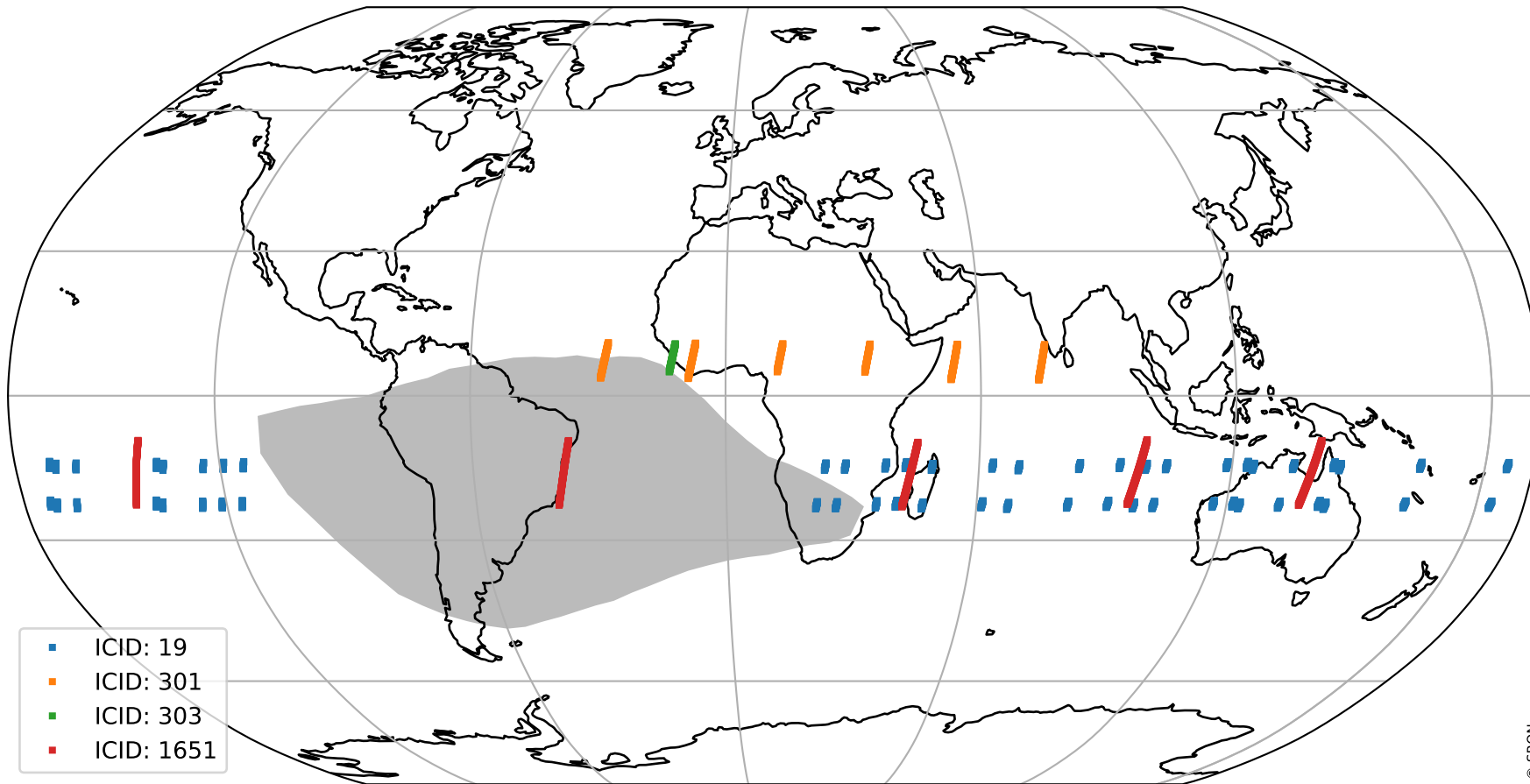
Tropomi SWIR background noise (swir)

orbits : 12 in [14017, 14107]
coverage : 2020-06-27 / 2020-07-03
median : 0.98352
spread : 0.17279
created : 2023-08-21T15:34:44



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

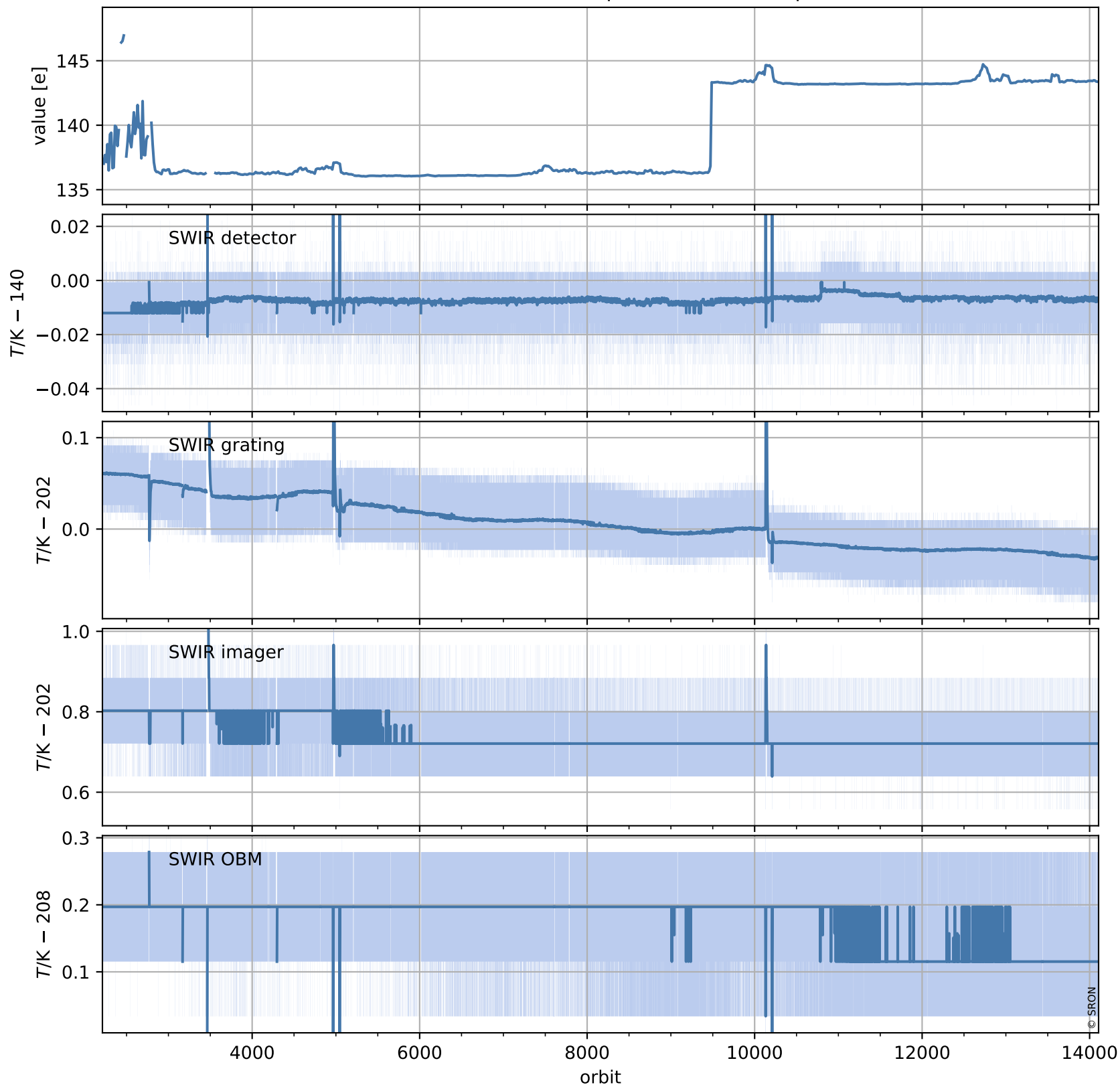
orbits : 12 in [14017, 14107]
coverage : 2020-06-27 / 2020-07-03
created : 2023-08-21T15:34:44



Tropomi SWIR background noise (swir)

orbits : [2212, 14107]
coverage : 2018-03-18 / 2020-07-03
created : 2023-08-21T15:34:45

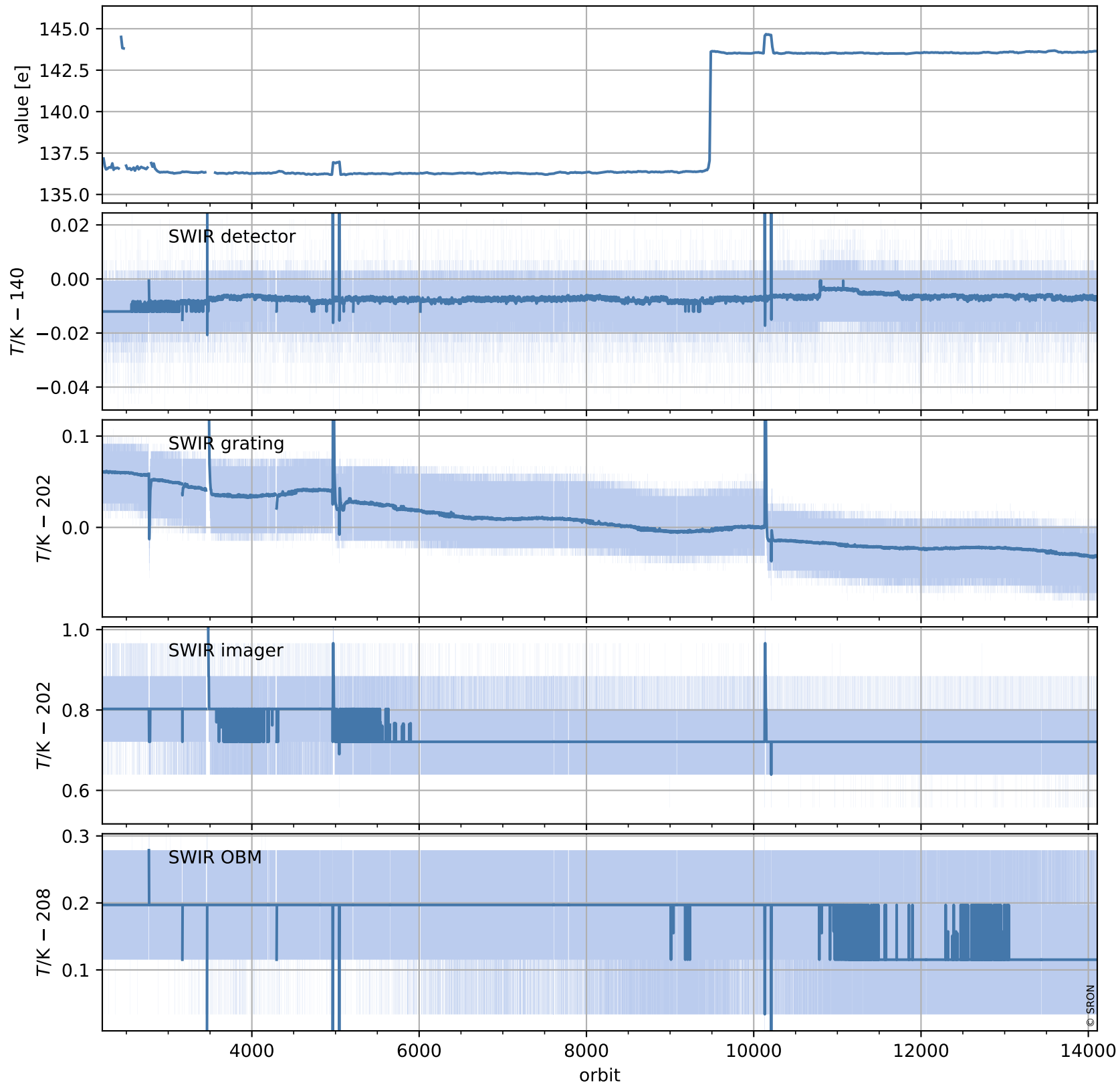
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14107]
coverage : 2018-03-18 / 2020-07-03
created : 2023-08-21T15:34:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14107]
coverage : 2018-03-18 / 2020-07-03
created : 2023-08-21T15:34:46

trend of normalized read-noise & temperatures

