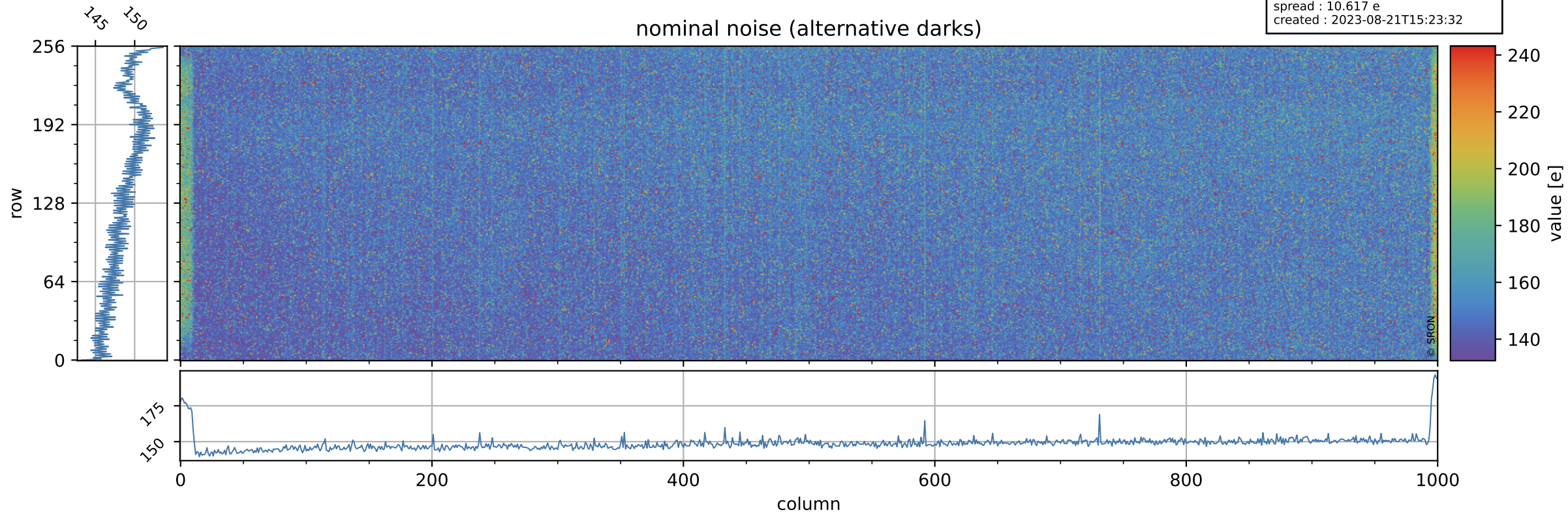


Tropomi SWIR background noise (swir)

orbits : 12 in [11947, 12037]
coverage : 2020-02-02 / 2020-02-08
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.617 e
created : 2023-08-21T15:23:32

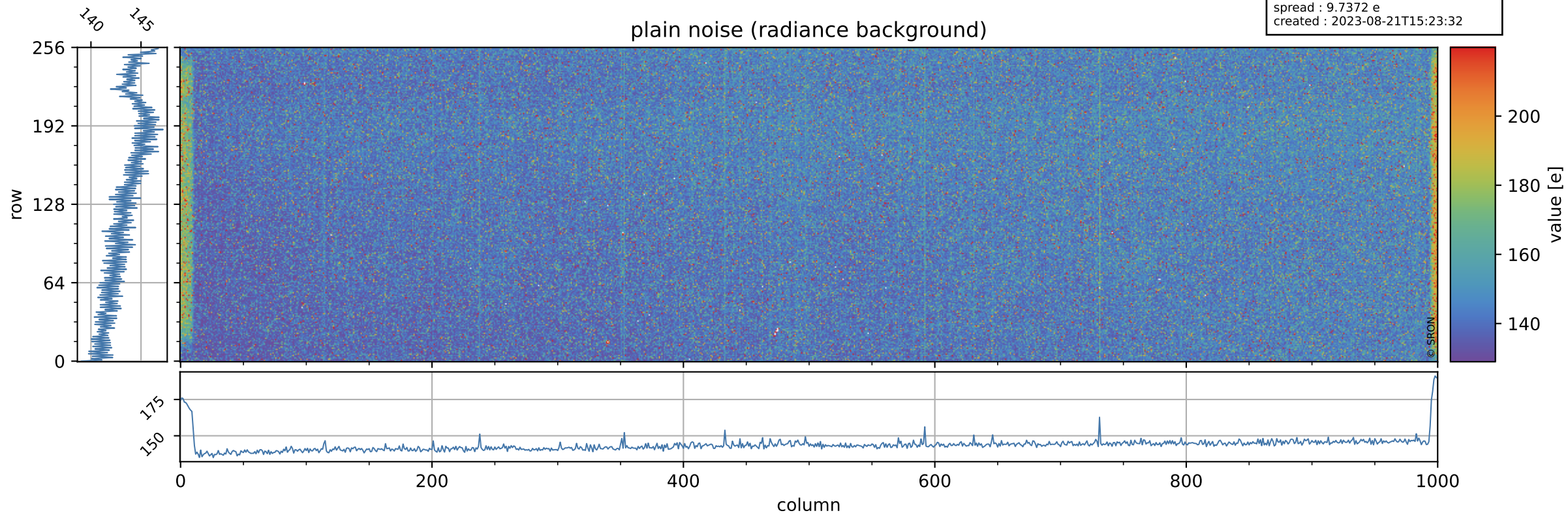
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11947, 12037]
coverage : 2020-02-02 / 2020-02-08
n_coad, t_exp : 1, 0.8383
median : 143.37 e
spread : 9.7372 e
created : 2023-08-21T15:23:32

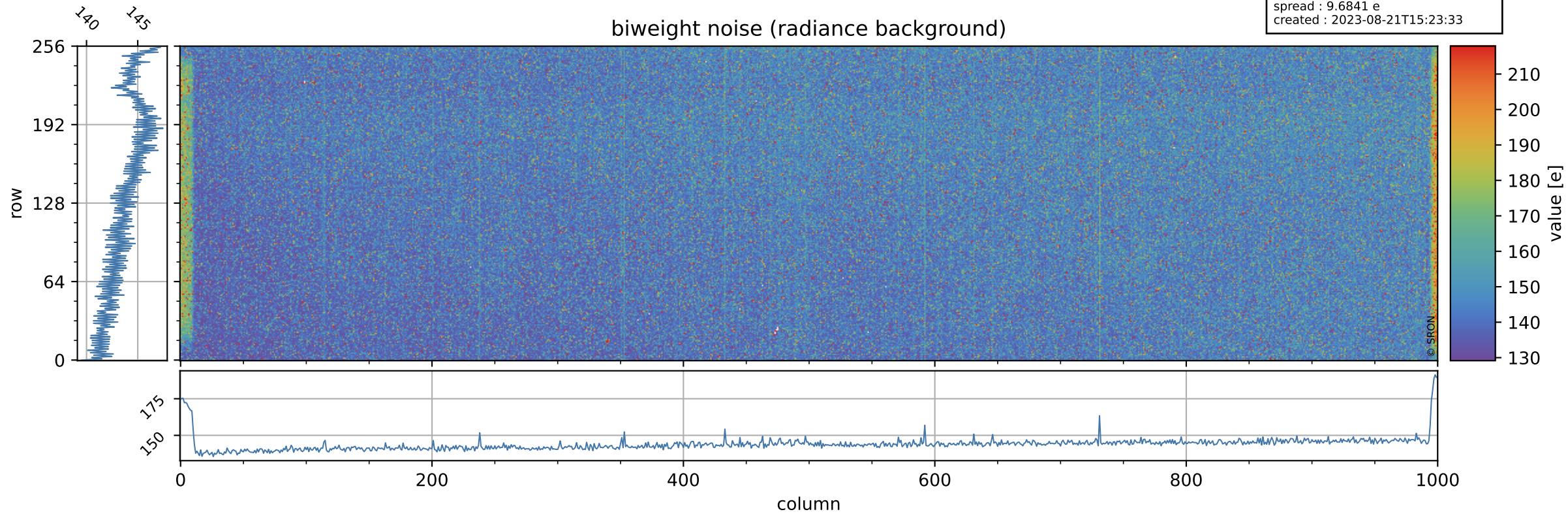
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11947, 12037]
coverage : 2020-02-02 / 2020-02-08
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.6841 e
created : 2023-08-21T15:23:33

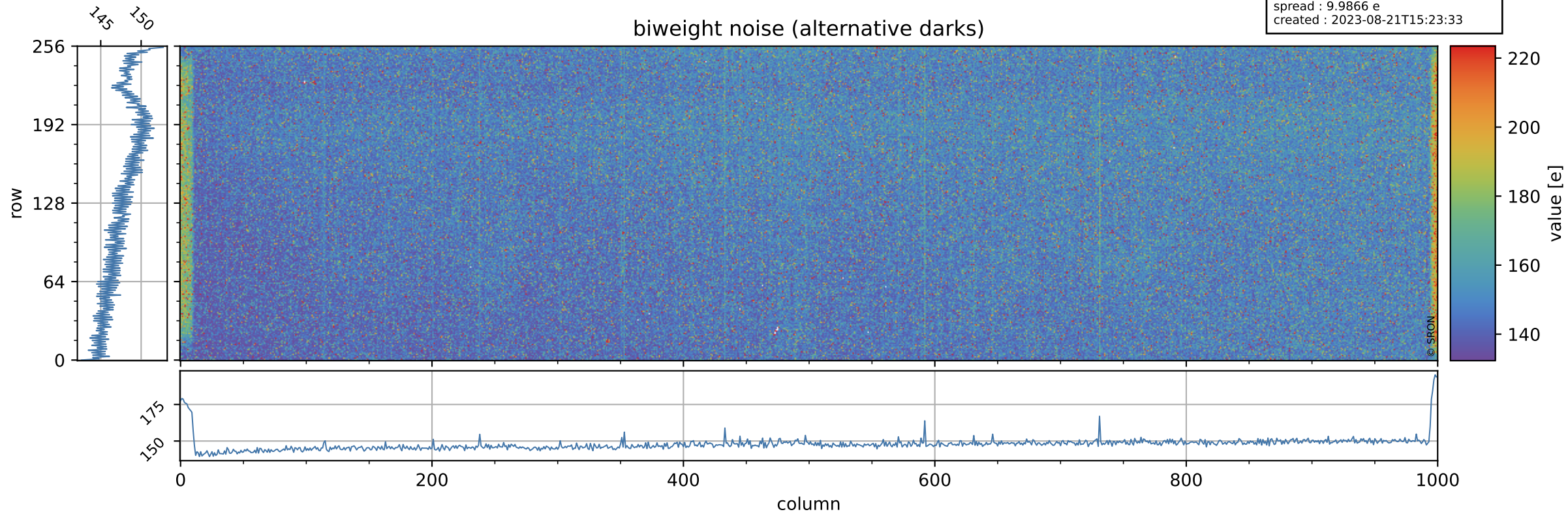
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11947, 12037]
coverage : 2020-02-02 / 2020-02-08
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 9.9866 e
created : 2023-08-21T15:23:33

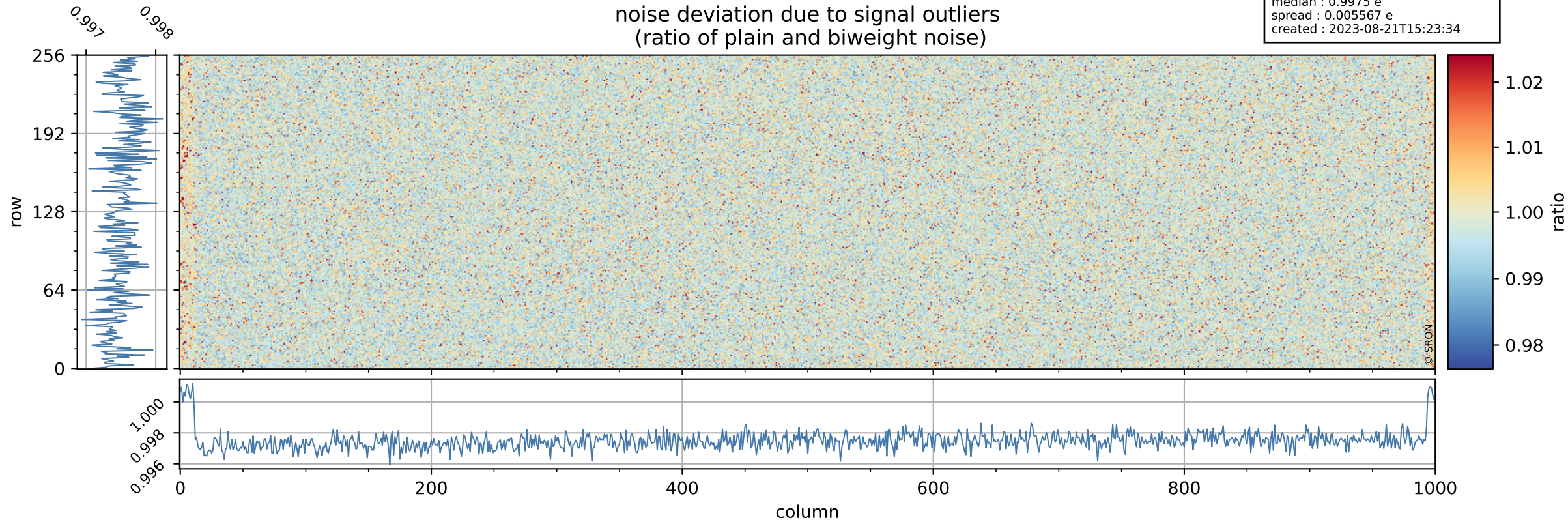
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

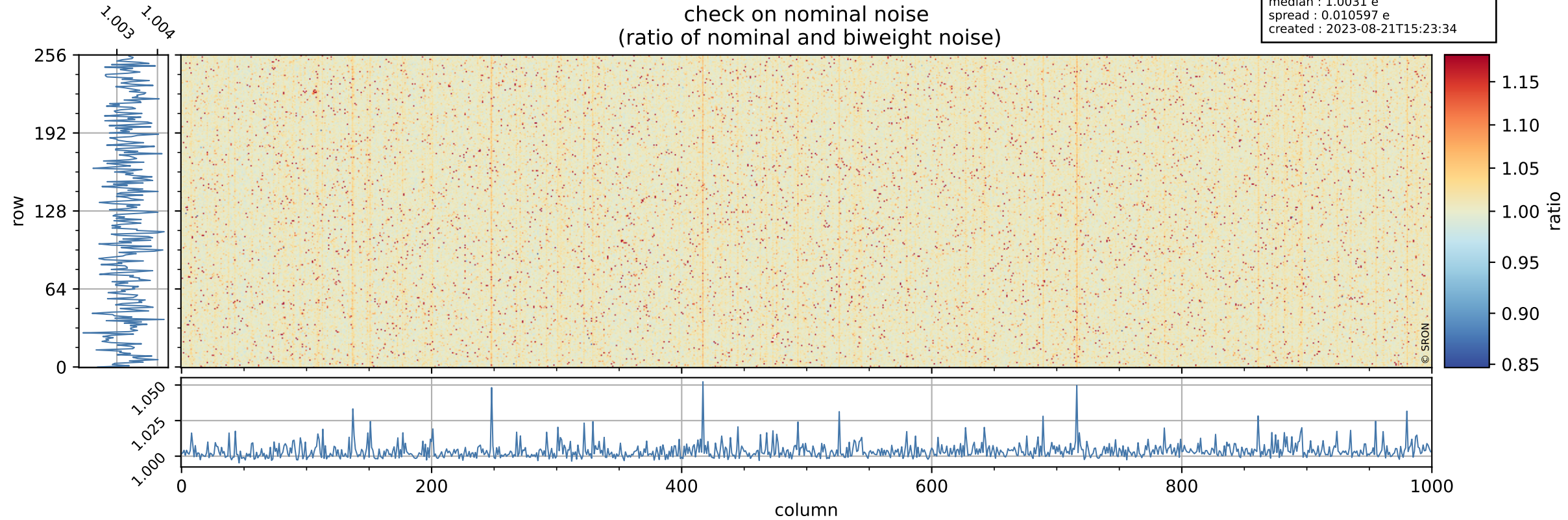
orbits : 12 in [11947, 12037]
coverage : 2020-02-02 / 2020-02-08
median : 0.9975 e
spread : 0.005567 e
created : 2023-08-21T15:23:34



Tropomi SWIR background noise (swir)

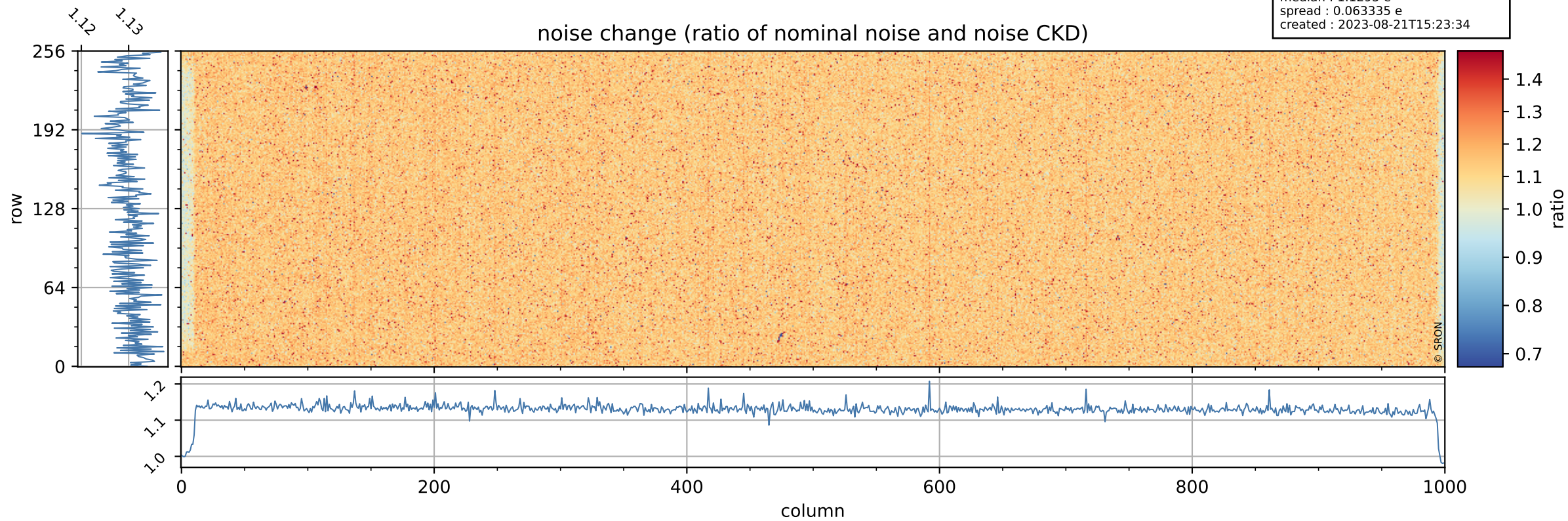
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11947, 12037]
coverage : 2020-02-02 / 2020-02-08
median : 1.0031 e
spread : 0.010597 e
created : 2023-08-21T15:23:34



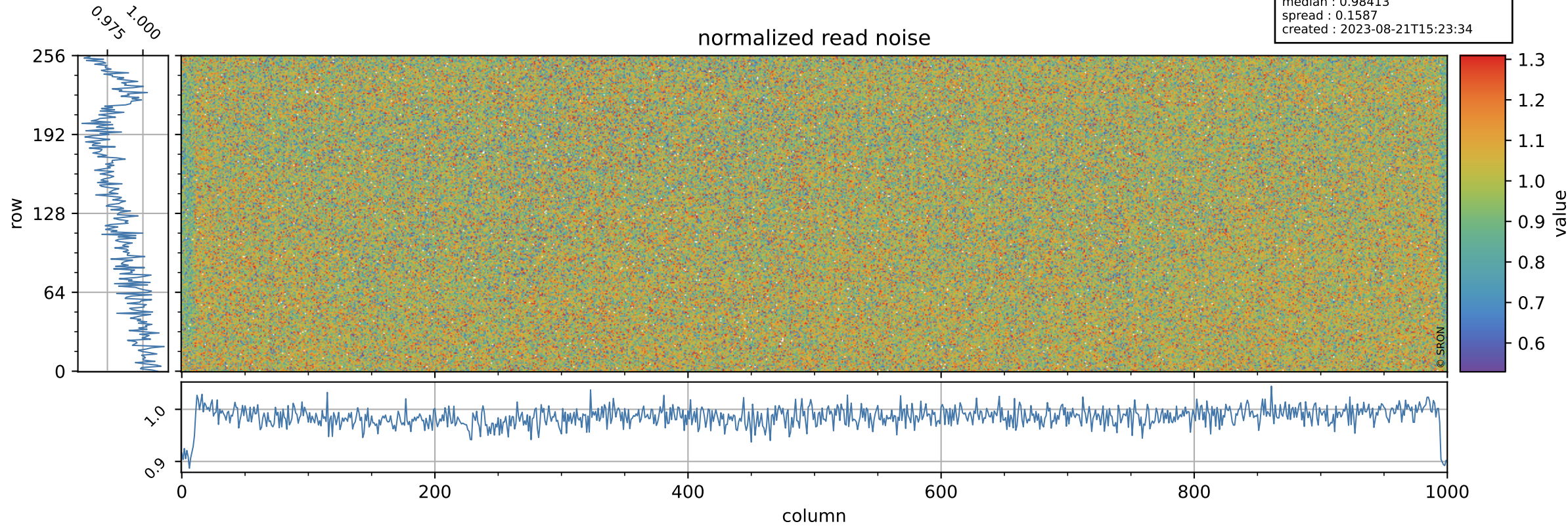
Tropomi SWIR background noise (swir)

orbits : 12 in [11947, 12037]
coverage : 2020-02-02 / 2020-02-08
median : 1.1295 e
spread : 0.063335 e
created : 2023-08-21T15:23:34



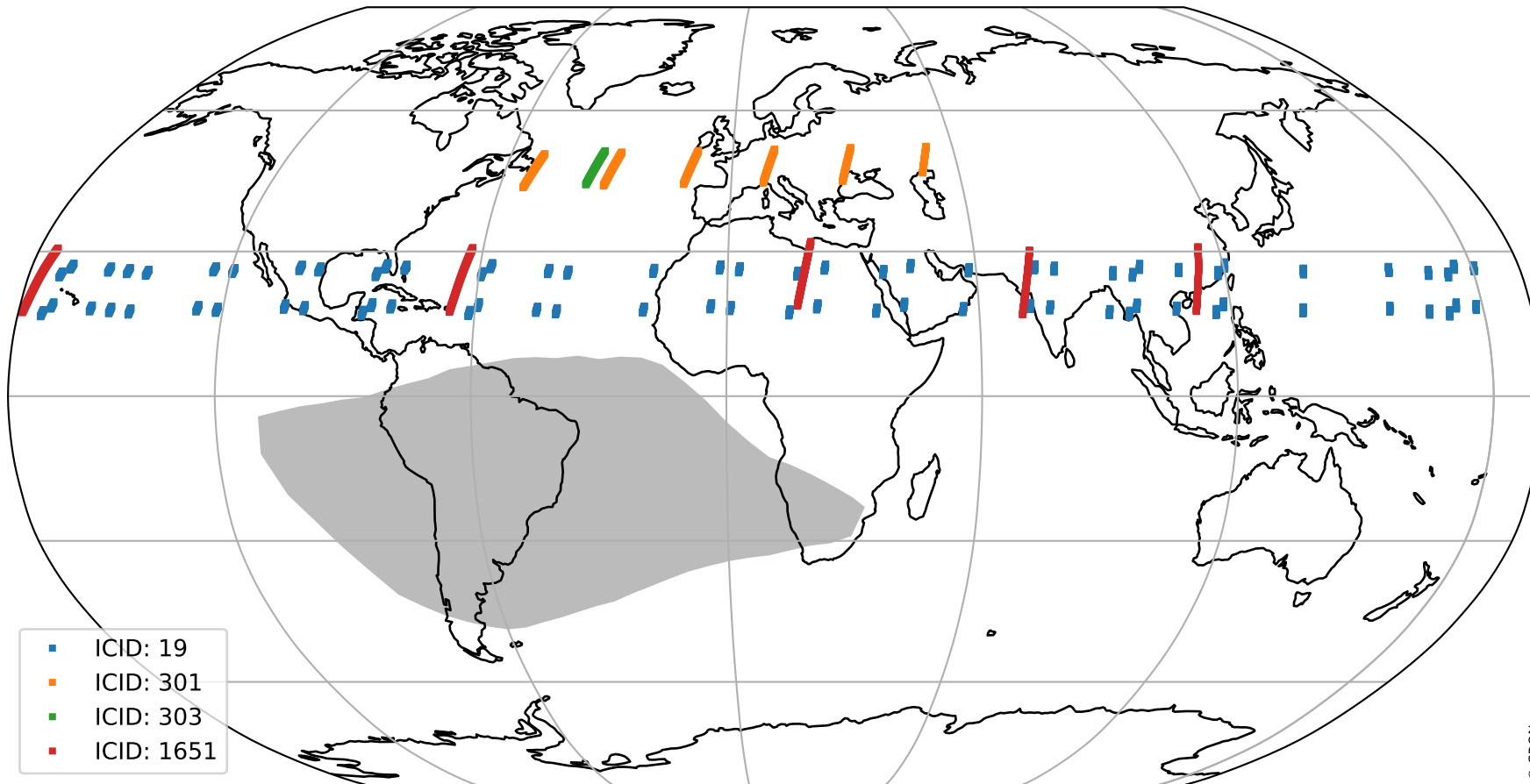
Tropomi SWIR background noise (swir)

orbits : 12 in [11947, 12037]
coverage : 2020-02-02 / 2020-02-08
median : 0.98413
spread : 0.1587
created : 2023-08-21T15:23:34



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

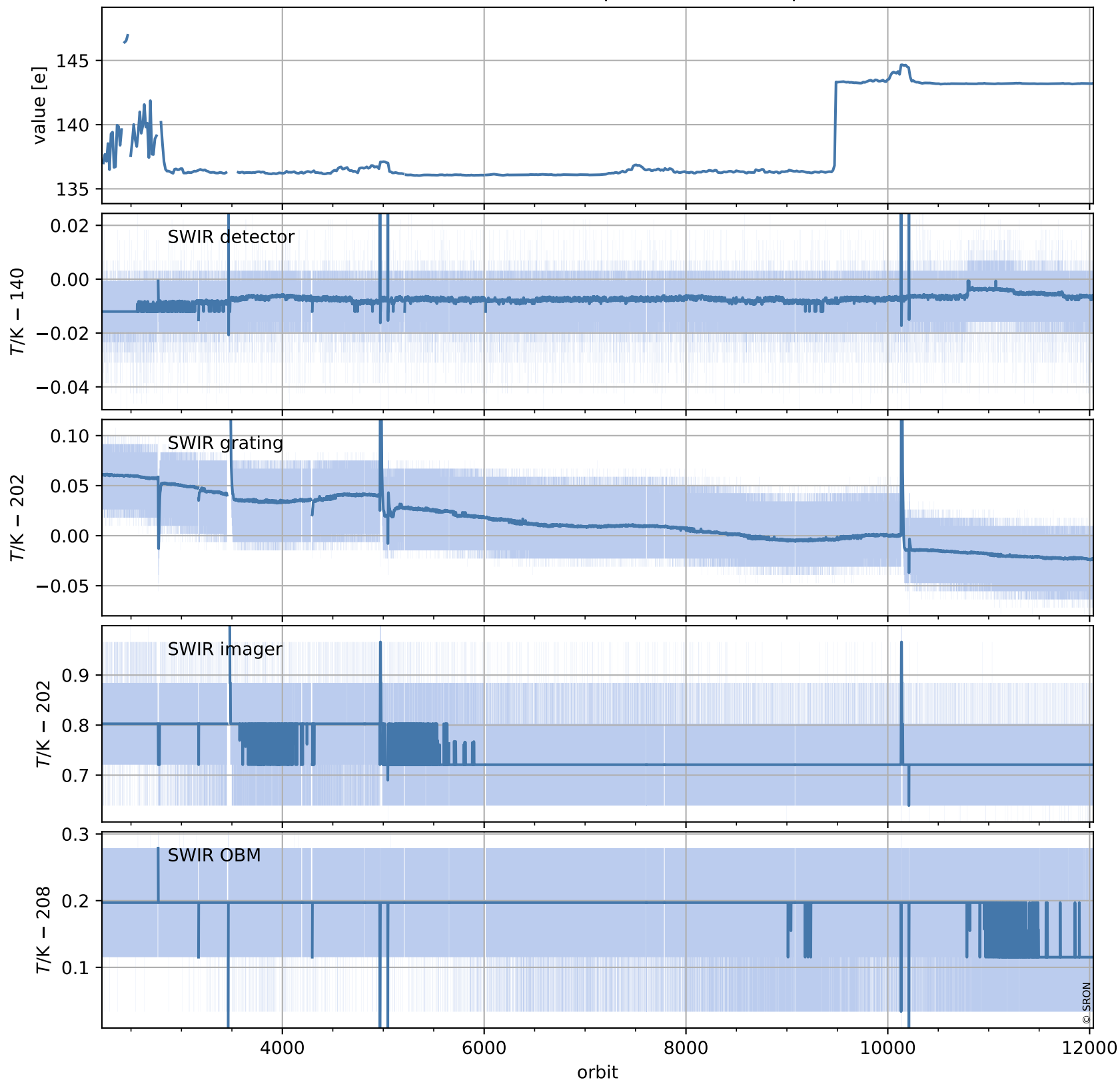
orbits : 12 in [11947, 12037]
coverage : 2020-02-02 / 2020-02-08
created : 2023-08-21T15:23:35



Tropomi SWIR background noise (swir)

orbits : [2212, 12037]
coverage : 2018-03-18 / 2020-02-08
created : 2023-08-21T15:23:35

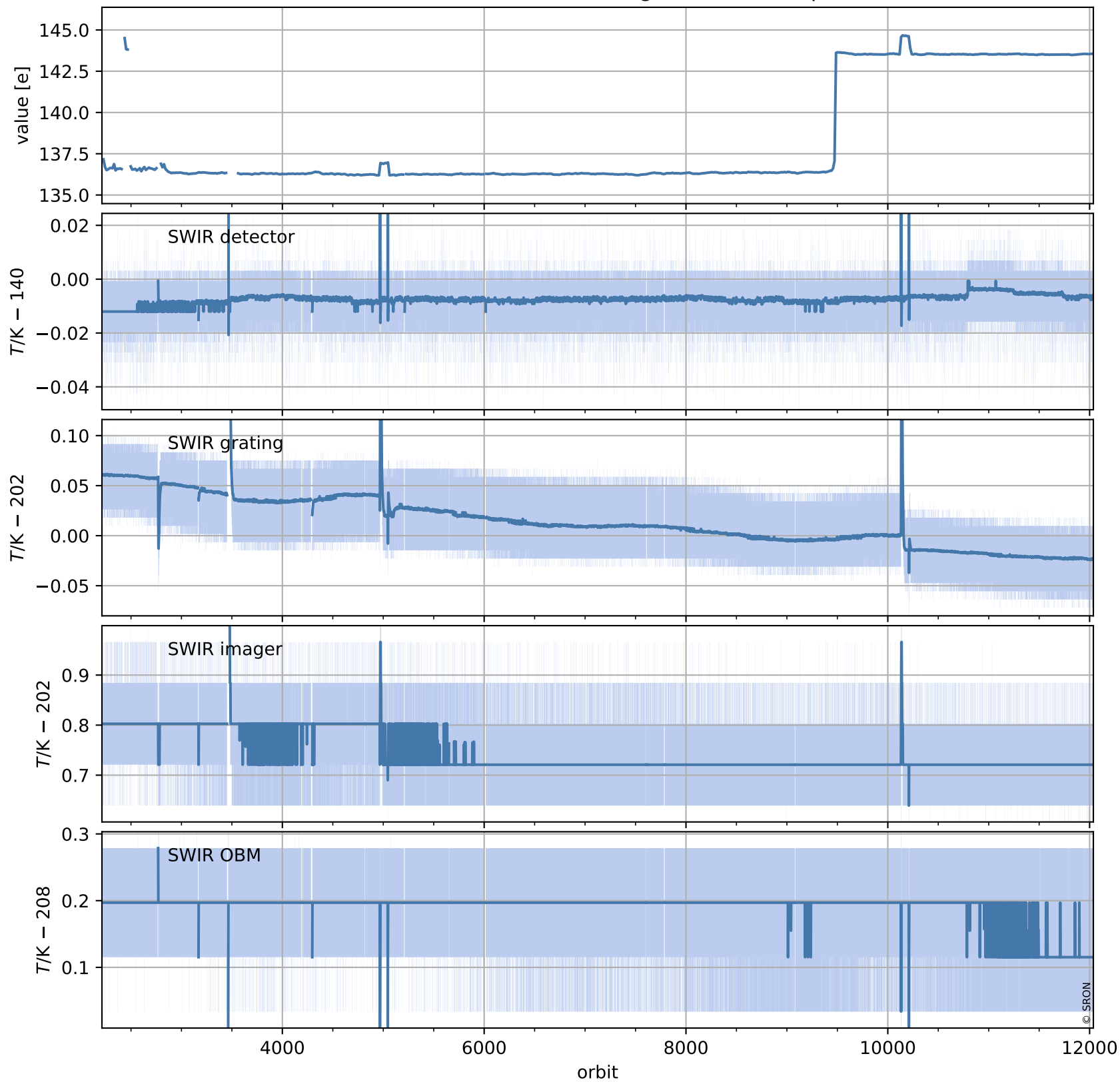
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12037]
coverage : 2018-03-18 / 2020-02-08
created : 2023-08-21T15:23:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12037]
coverage : 2018-03-18 / 2020-02-08
created : 2023-08-21T15:23:36

trend of normalized read-noise & temperatures

