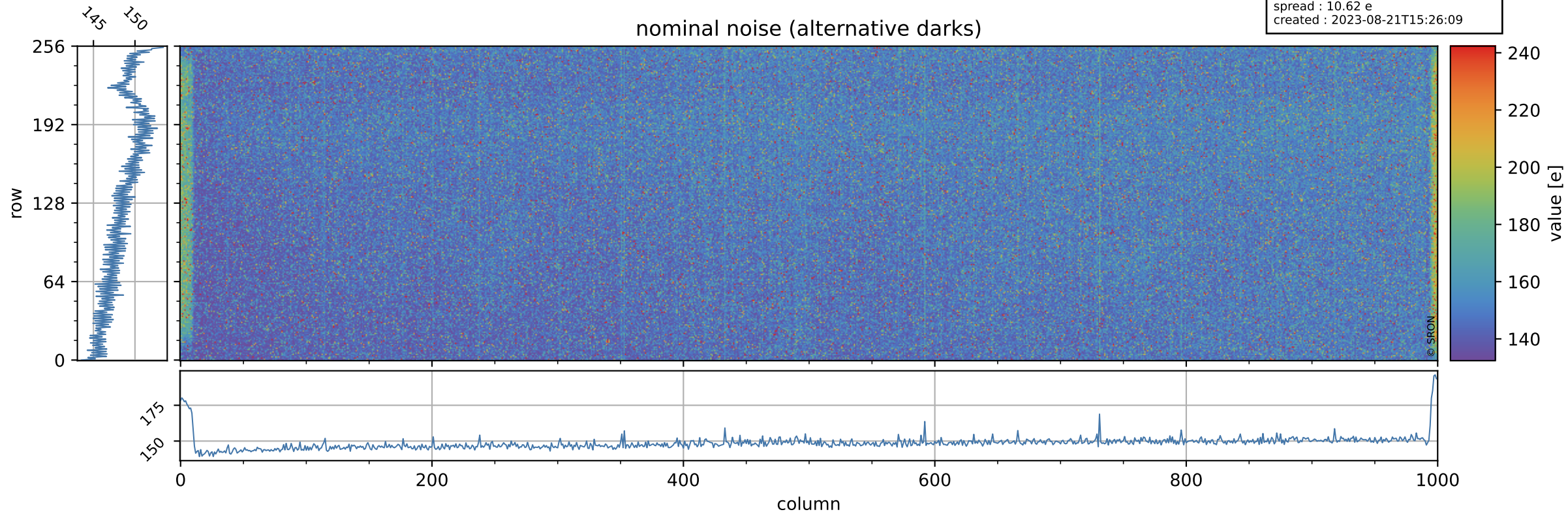


Tropomi SWIR background noise (swir)

orbits : 12 in [12442, 12517]
coverage : 2020-03-07 / 2020-03-13
n_coad, t_exp : 1, 1.0783
median : 148.45 e
spread : 10.62 e
created : 2023-08-21T15:26:09

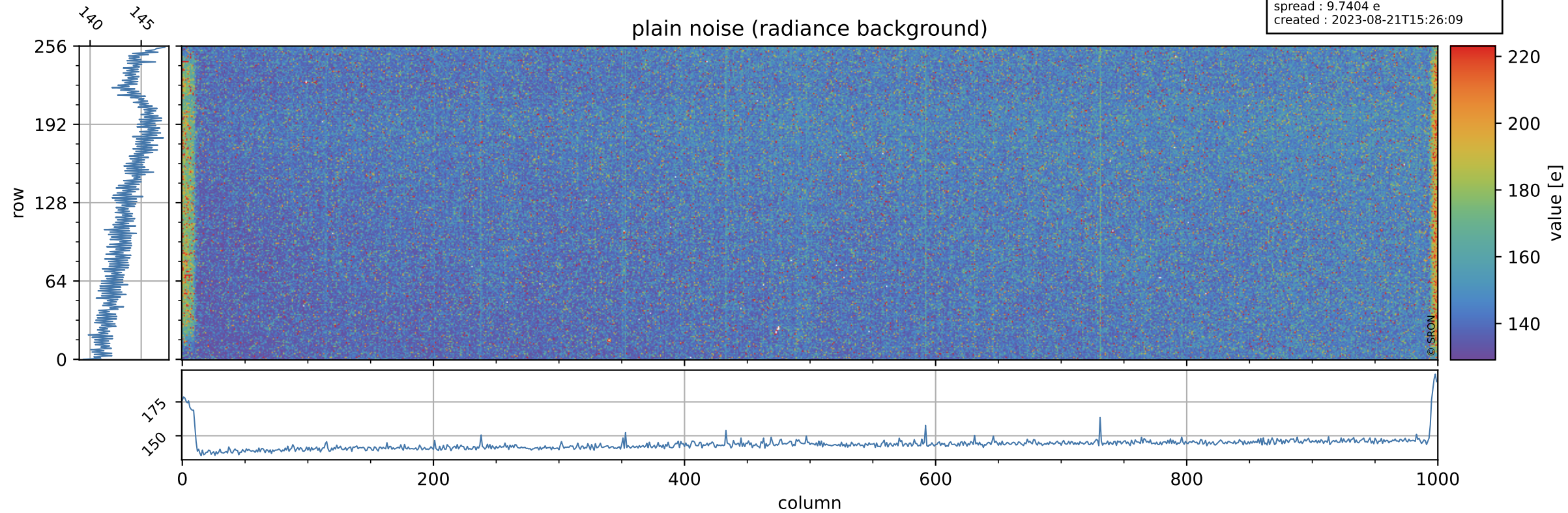
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12442, 12517]
coverage : 2020-03-07 / 2020-03-13
n_coad, t_exp : 1, 0.8383
median : 143.56 e
spread : 9.7404 e
created : 2023-08-21T15:26:09

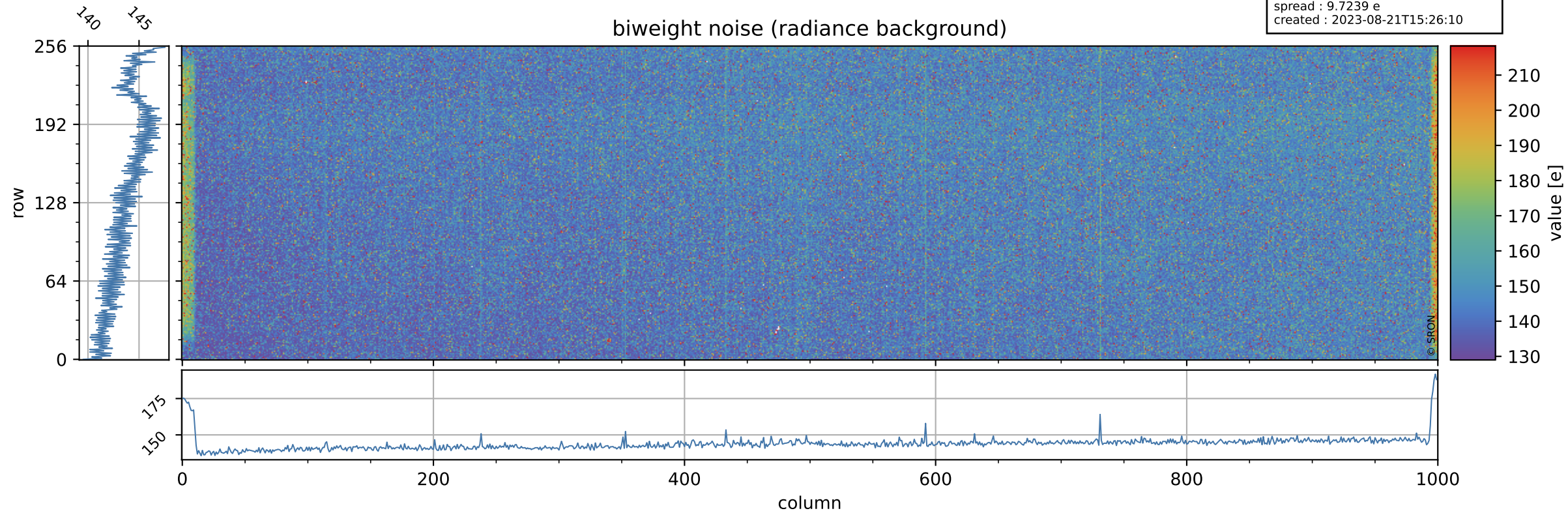
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12442, 12517]
coverage : 2020-03-07 / 2020-03-13
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.7239 e
created : 2023-08-21T15:26:10

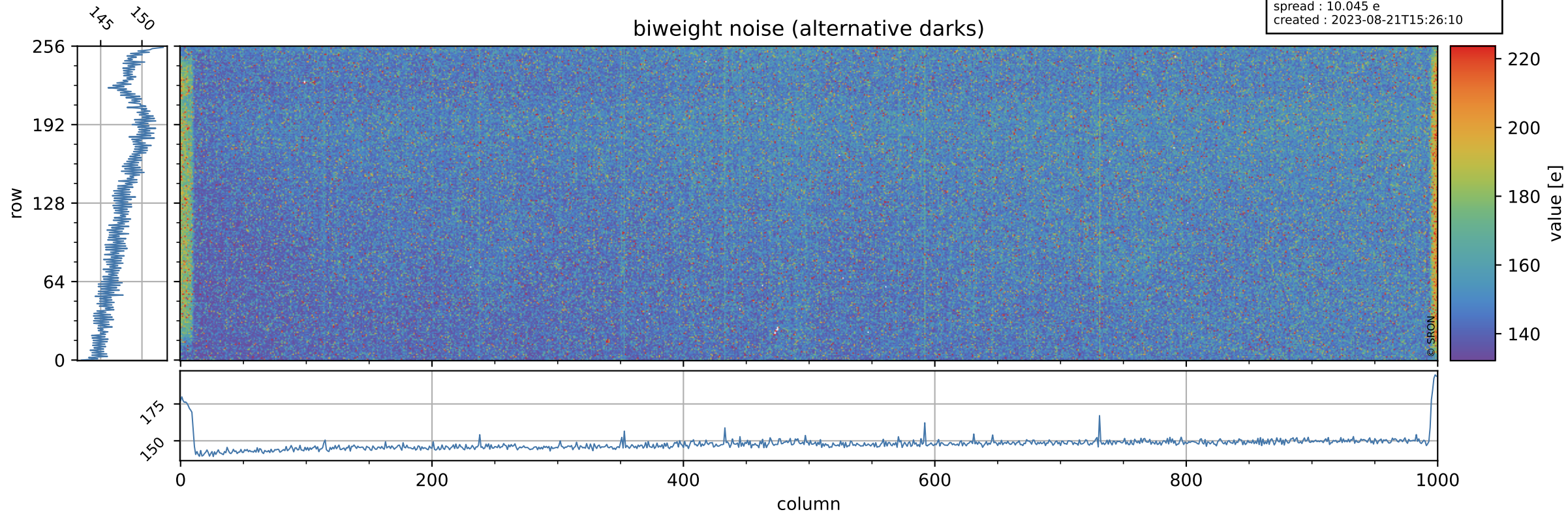
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12442, 12517]
coverage : 2020-03-07 / 2020-03-13
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.045 e
created : 2023-08-21T15:26:10

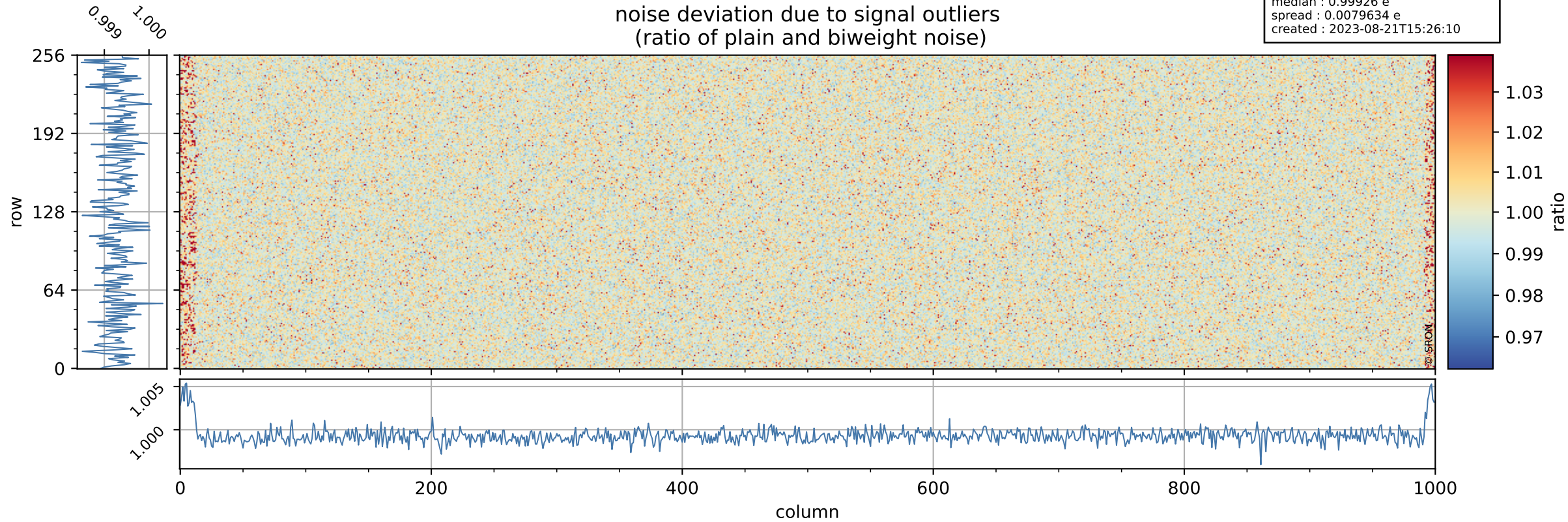
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

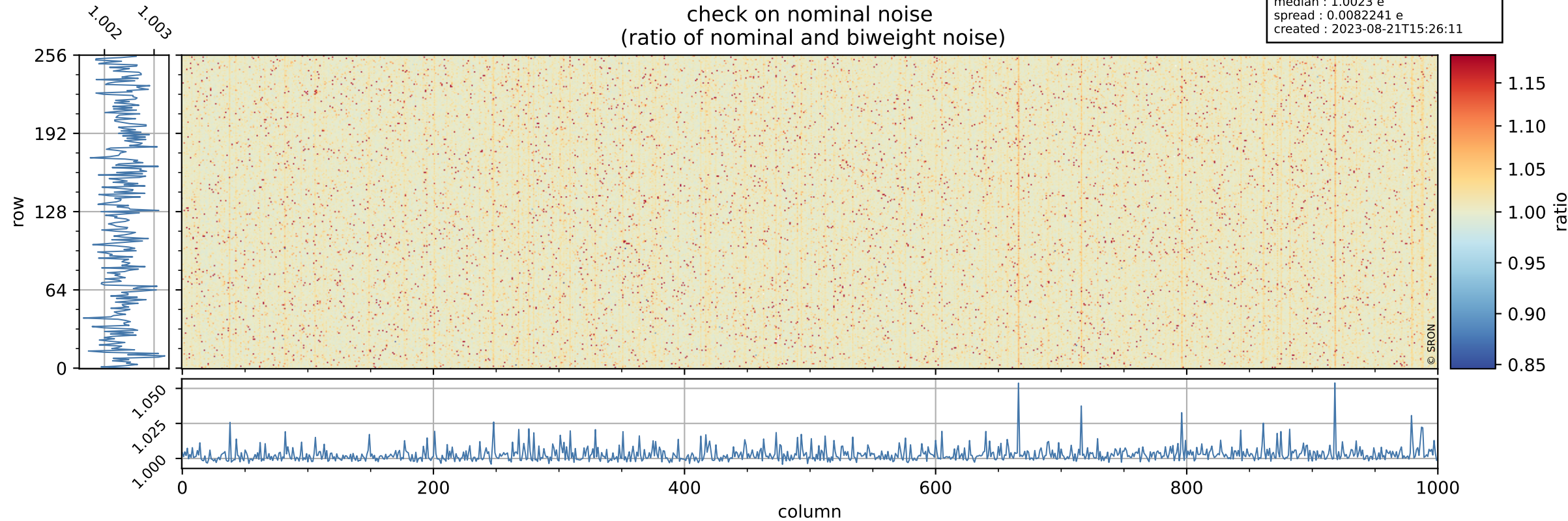
orbits : 12 in [12442, 12517]
coverage : 2020-03-07 / 2020-03-13
median : 0.99926 e
spread : 0.0079634 e
created : 2023-08-21T15:26:10



Tropomi SWIR background noise (swir)

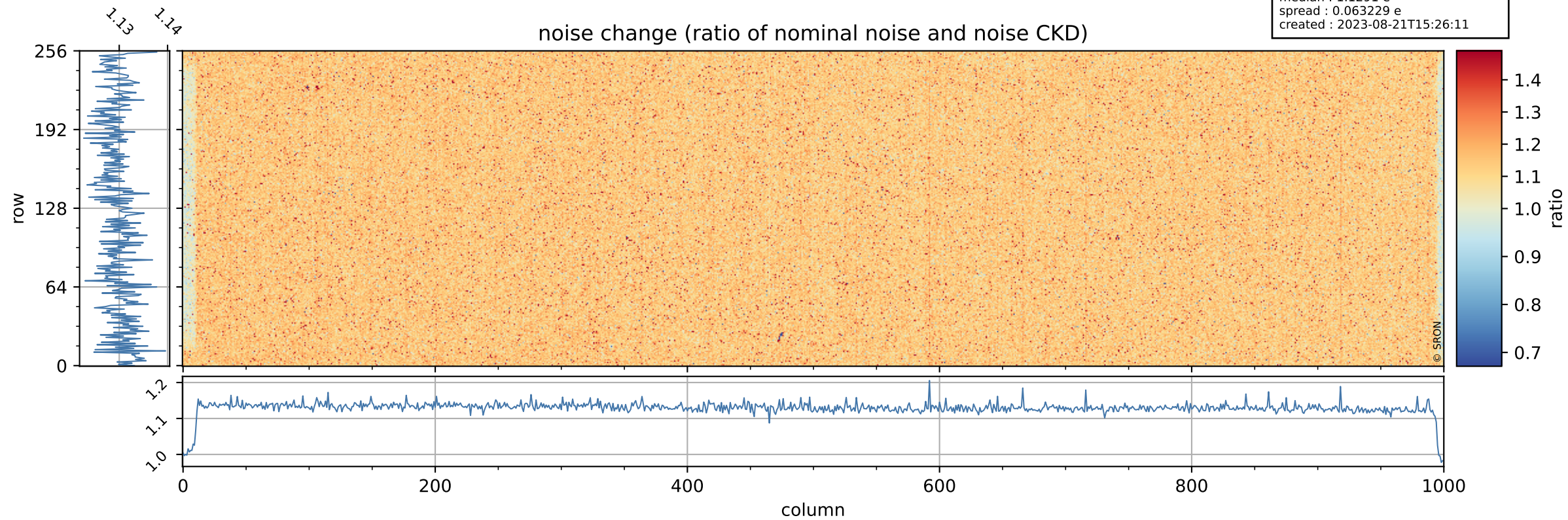
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12442, 12517]
coverage : 2020-03-07 / 2020-03-13
median : 1.0023 e
spread : 0.0082241 e
created : 2023-08-21T15:26:11



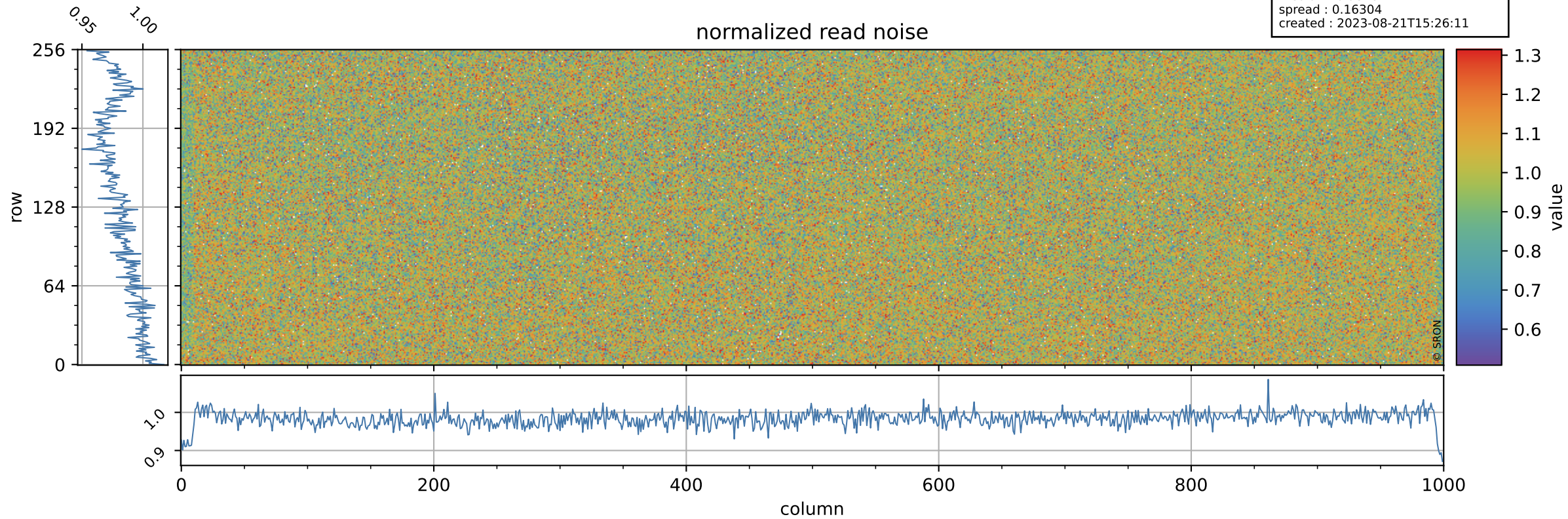
Tropomi SWIR background noise (swir)

orbits : 12 in [12442, 12517]
coverage : 2020-03-07 / 2020-03-13
median : 1.1291 e
spread : 0.063229 e
created : 2023-08-21T15:26:11



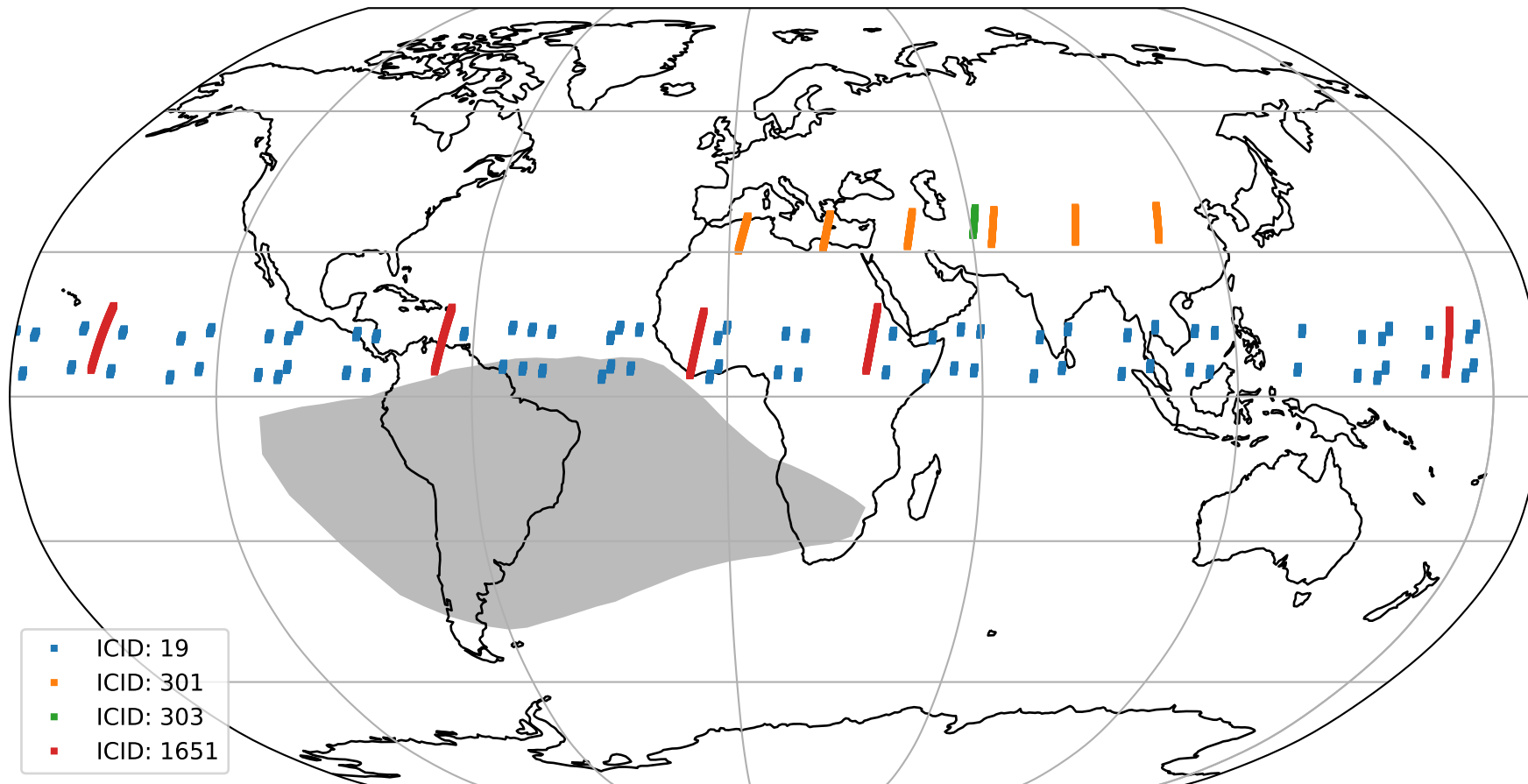
Tropomi SWIR background noise (swir)

orbits : 12 in [12442, 12517]
coverage : 2020-03-07 / 2020-03-13
median : 0.98187
spread : 0.16304
created : 2023-08-21T15:26:11



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

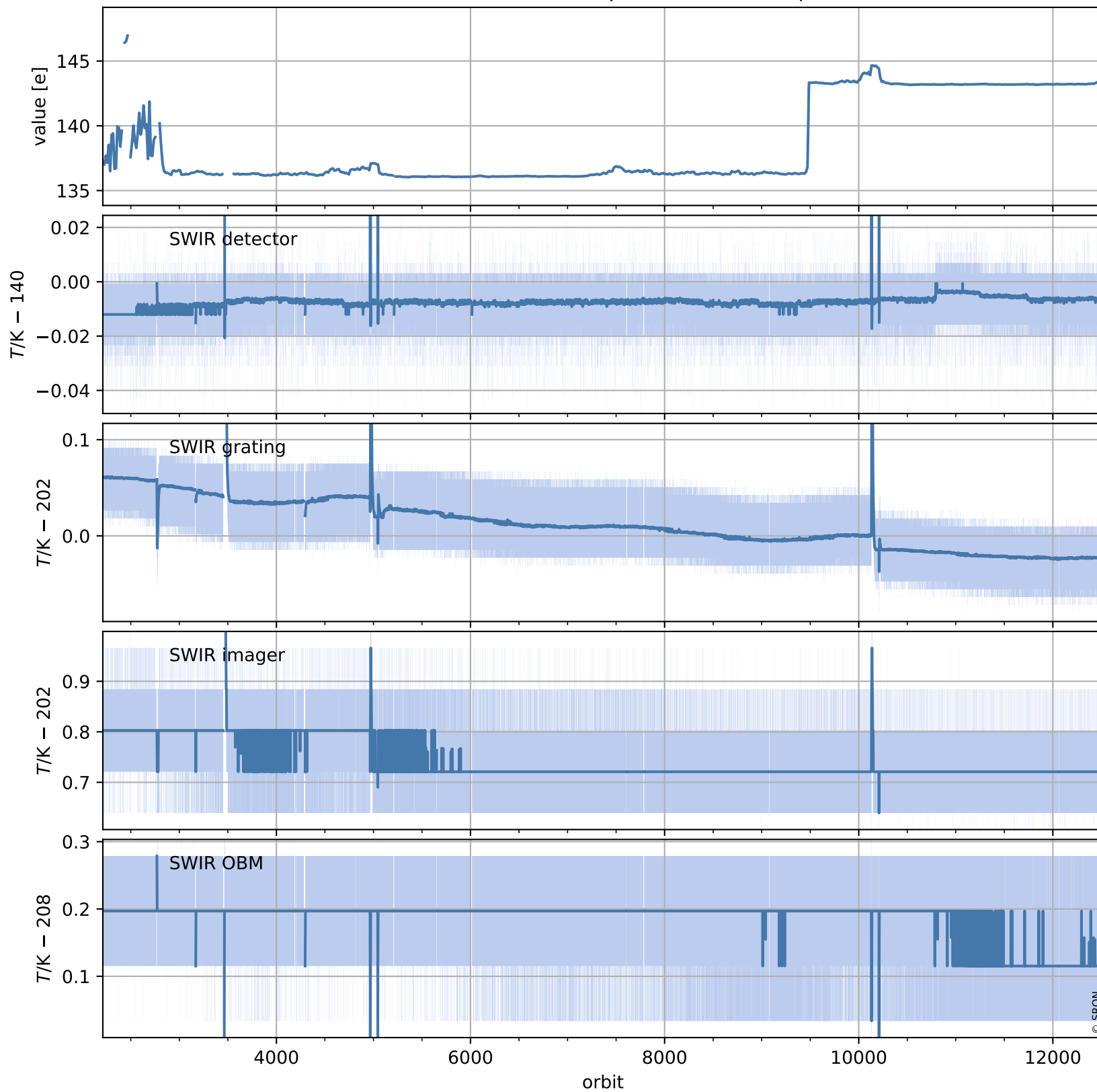
orbits : 12 in [12442, 12517]
coverage : 2020-03-07 / 2020-03-13
created : 2023-08-21T15:26:12



Tropomi SWIR background noise (swir)

orbits : [2212, 12517]
coverage : 2018-03-18 / 2020-03-13
created : 2023-08-21T15:26:12

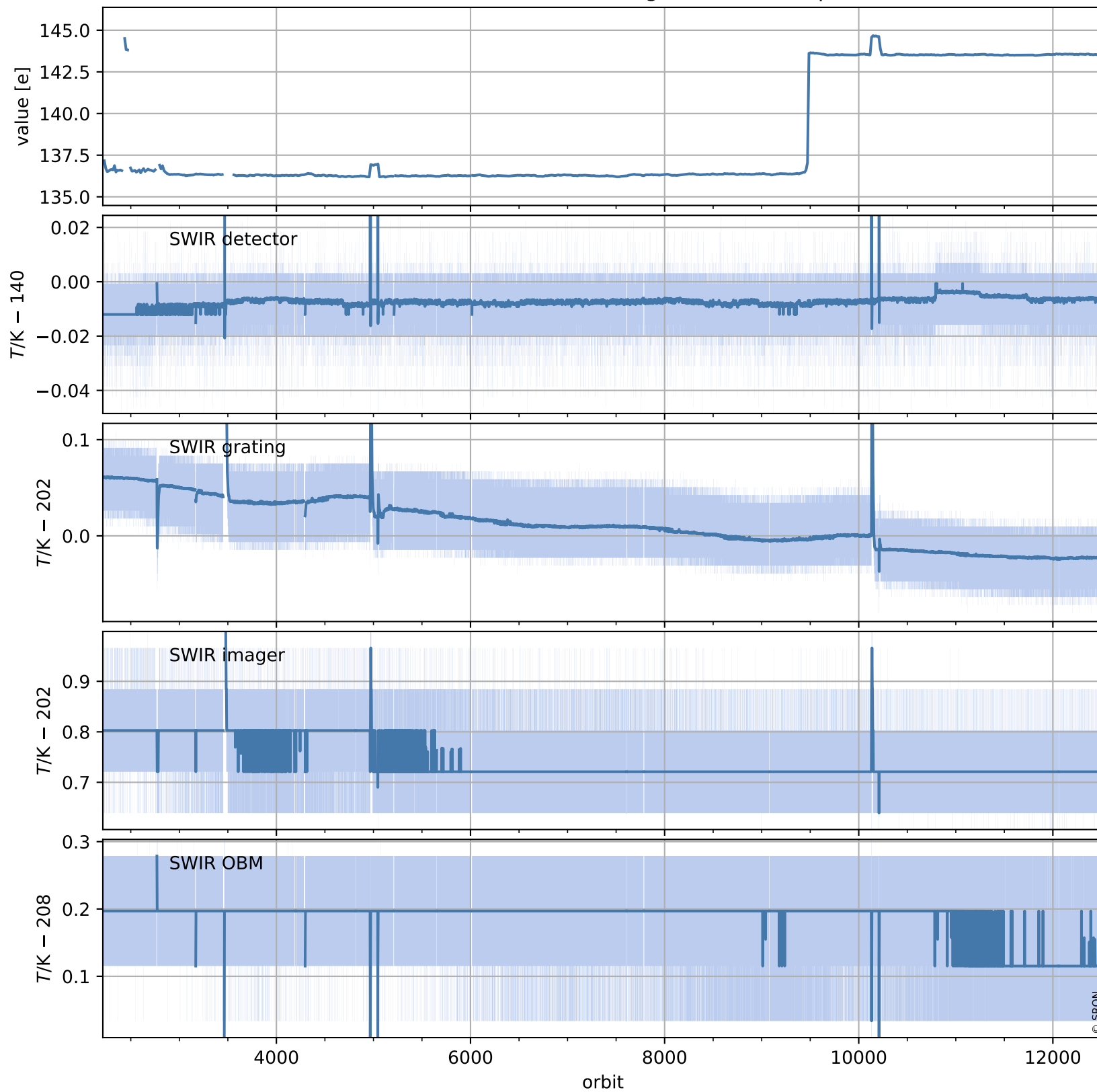
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12517]
coverage : 2018-03-18 / 2020-03-13
created : 2023-08-21T15:26:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12517]
coverage : 2018-03-18 / 2020-03-13
created : 2023-08-21T15:26:13

trend of normalized read-noise & temperatures

