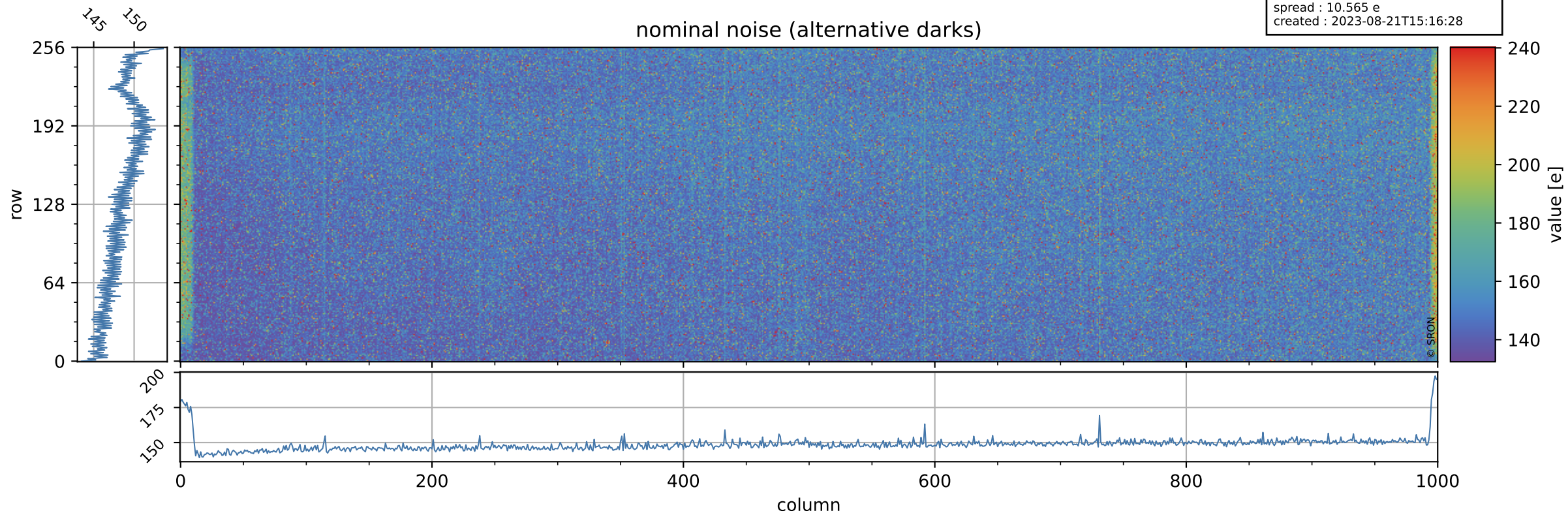


Tropomi SWIR background noise (swir)

orbits : 12 in [10912, 10987]
coverage : 2019-11-20 / 2019-11-26
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.565 e
created : 2023-08-21T15:16:28

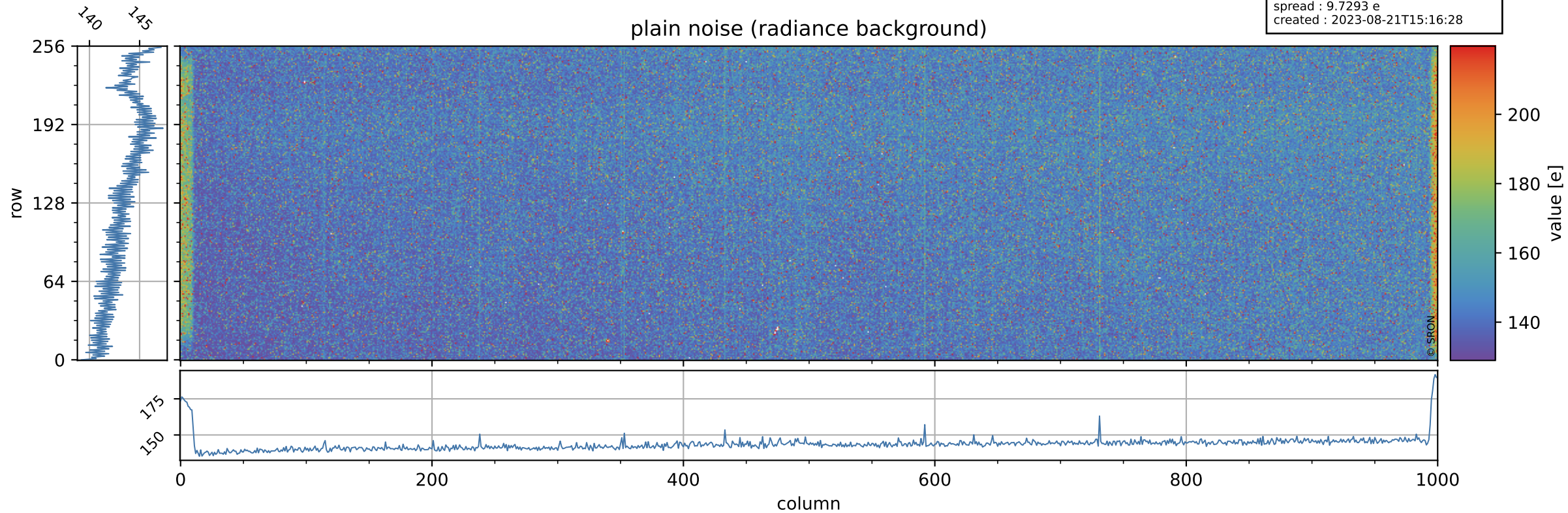
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10912, 10987]
coverage : 2019-11-20 / 2019-11-26
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7293 e
created : 2023-08-21T15:16:28

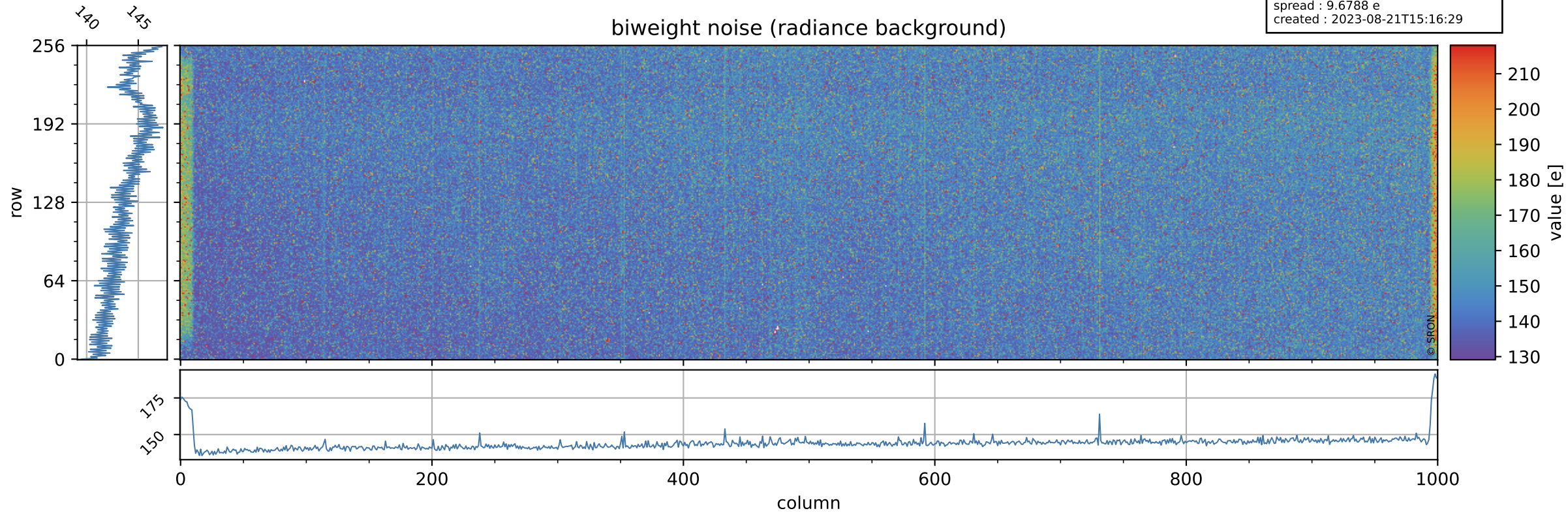
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10912, 10987]
coverage : 2019-11-20 / 2019-11-26
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.6788 e
created : 2023-08-21T15:16:29

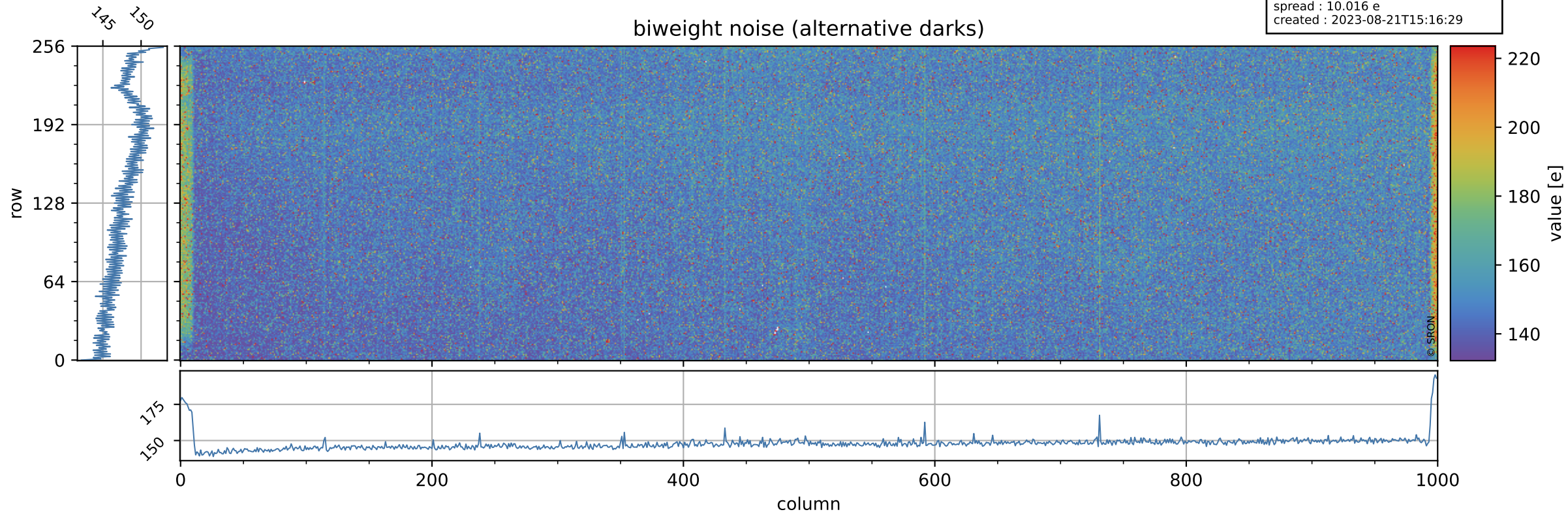
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10912, 10987]
coverage : 2019-11-20 / 2019-11-26
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.016 e
created : 2023-08-21T15:16:29

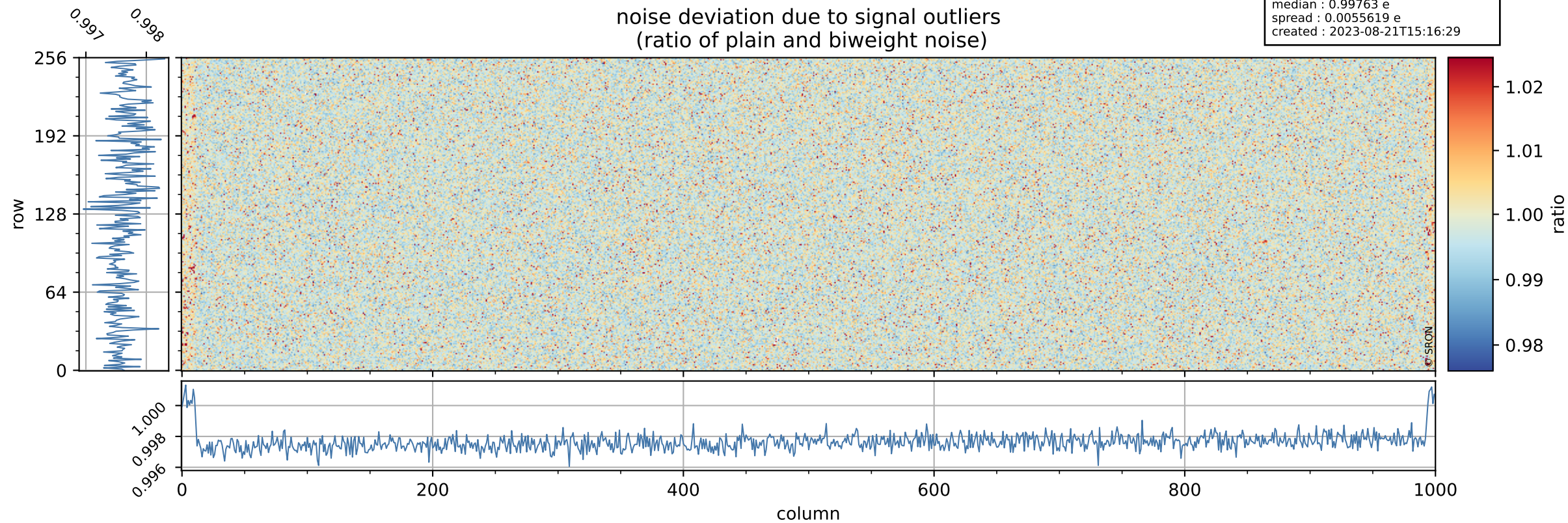
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

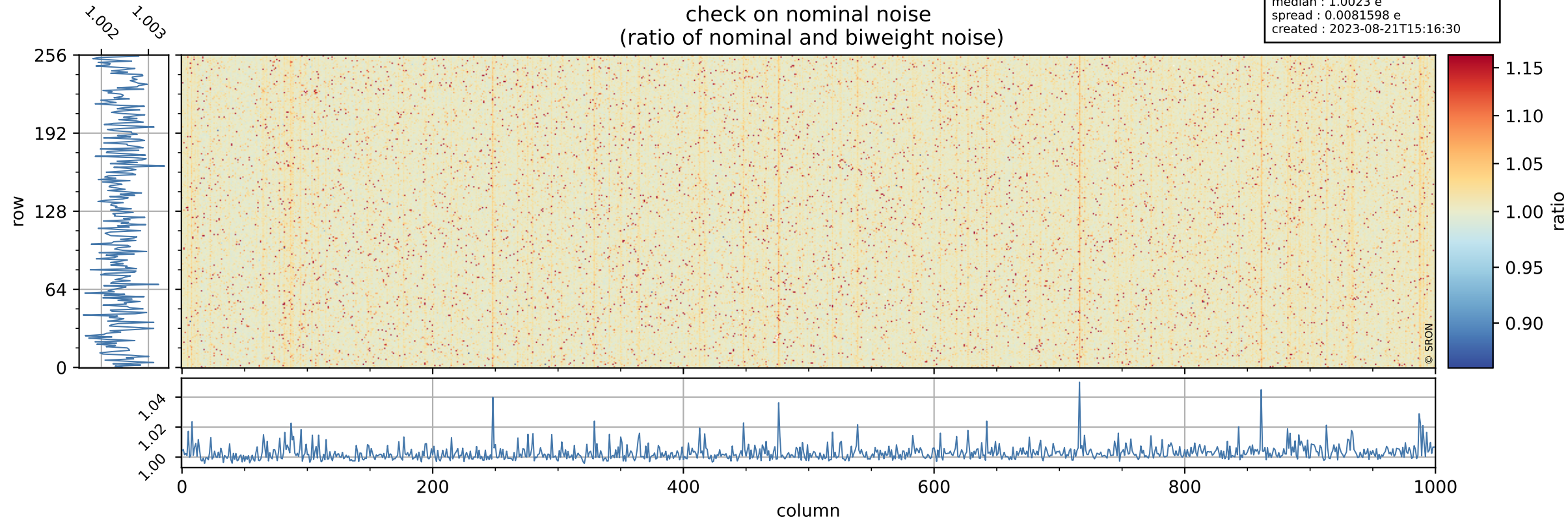
orbits : 12 in [10912, 10987]
coverage : 2019-11-20 / 2019-11-26
median : 0.99763 e
spread : 0.0055619 e
created : 2023-08-21T15:16:29



Tropomi SWIR background noise (swir)

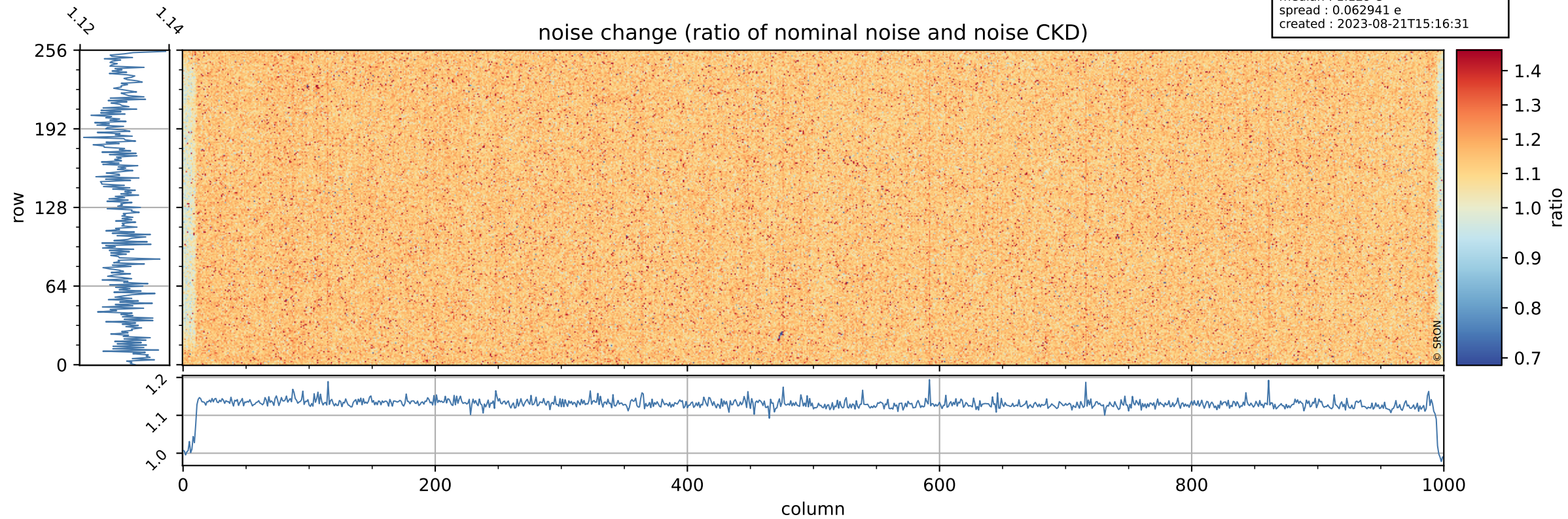
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10912, 10987]
coverage : 2019-11-20 / 2019-11-26
median : 1.0023 e
spread : 0.0081598 e
created : 2023-08-21T15:16:30



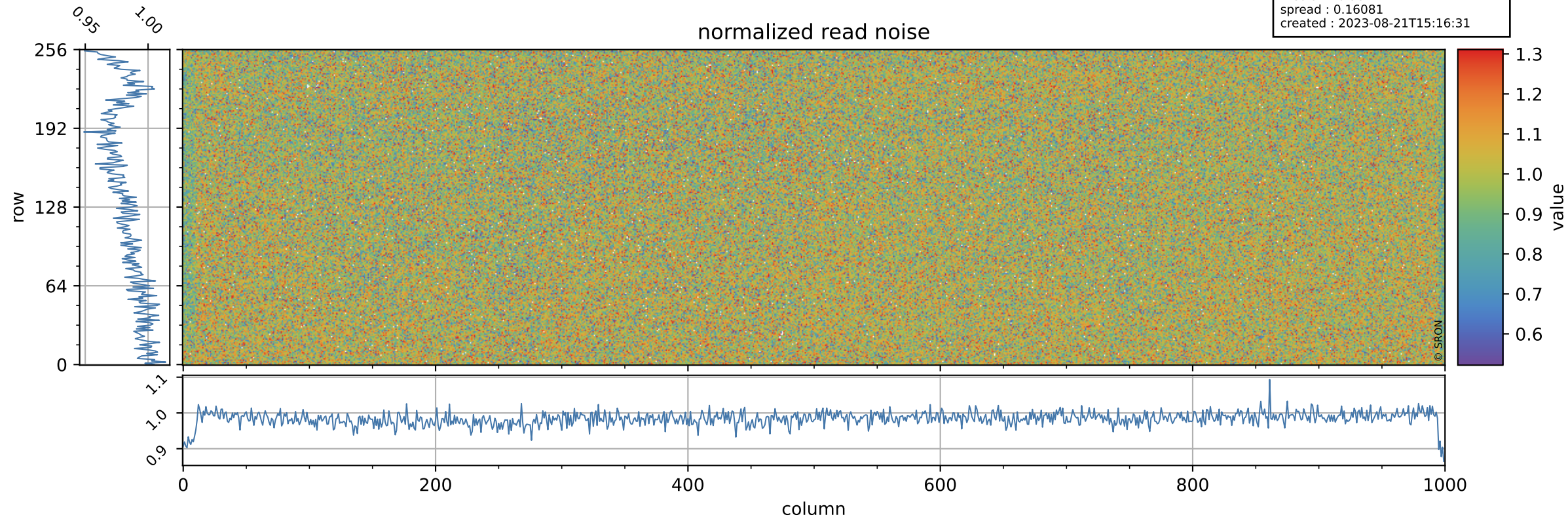
Tropomi SWIR background noise (swir)

orbits : 12 in [10912, 10987]
coverage : 2019-11-20 / 2019-11-26
median : 1.129 e
spread : 0.062941 e
created : 2023-08-21T15:16:31



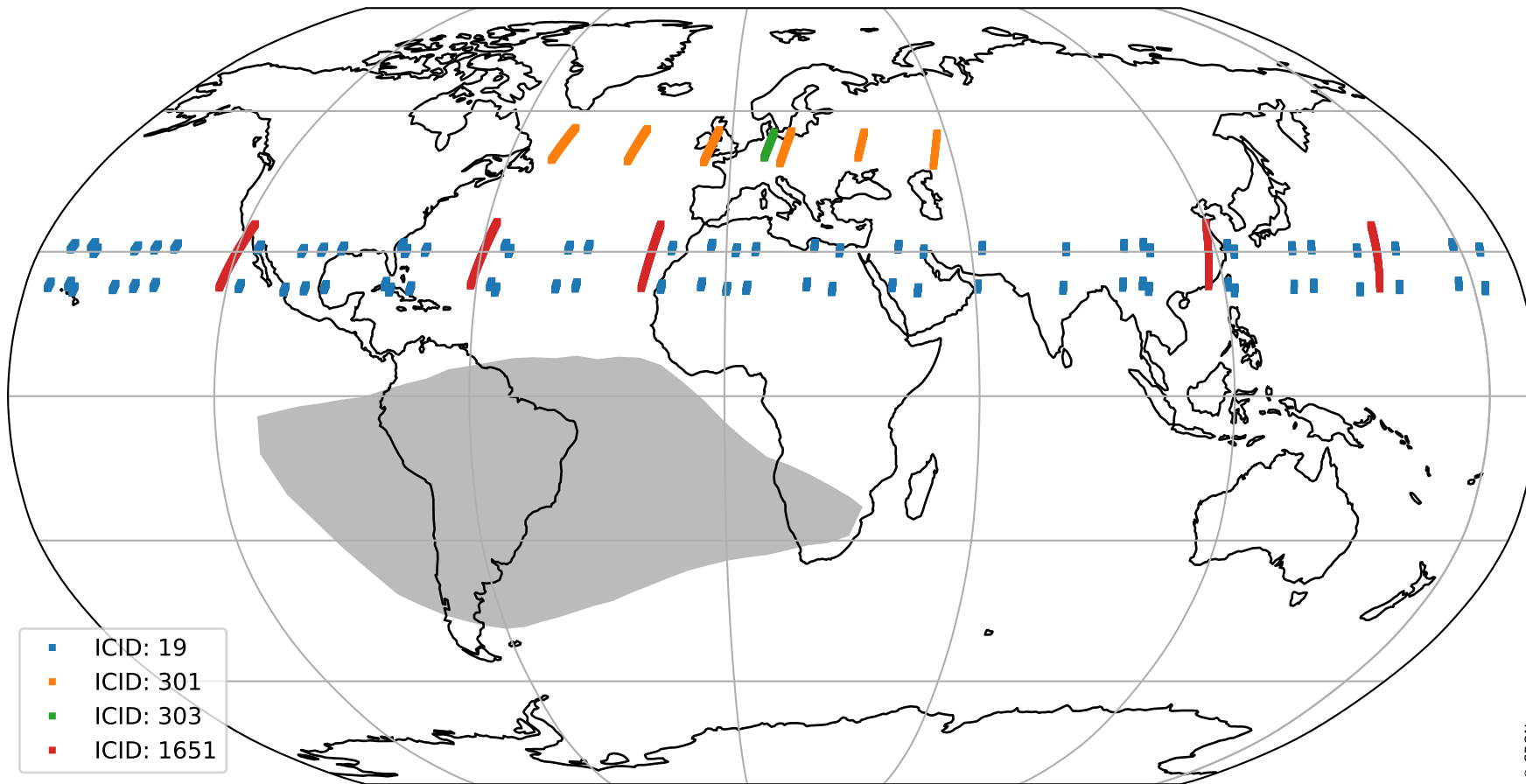
Tropomi SWIR background noise (swir)

orbits : 12 in [10912, 10987]
coverage : 2019-11-20 / 2019-11-26
median : 0.98272
spread : 0.16081
created : 2023-08-21T15:16:31



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

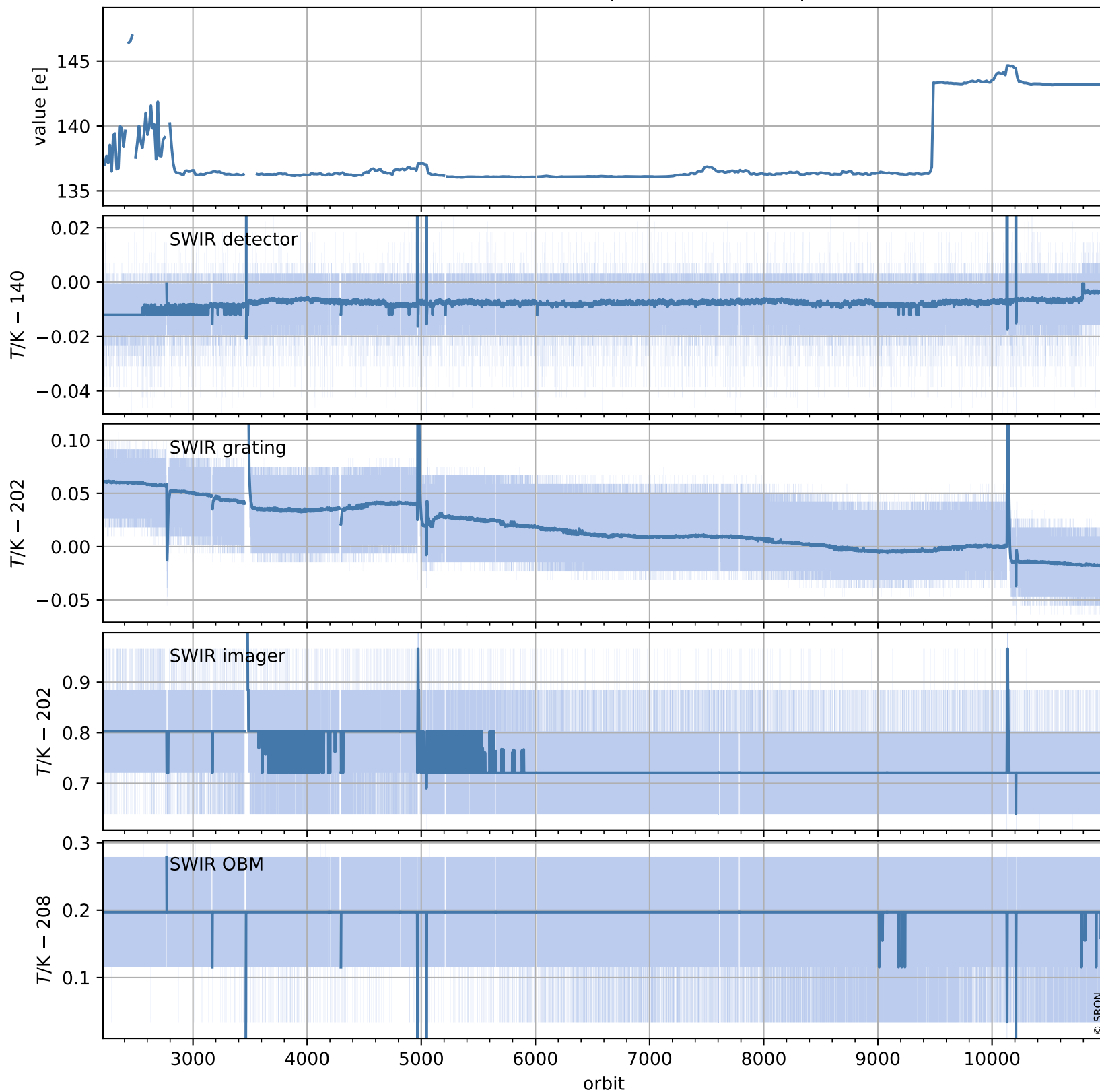
orbits : 12 in [10912, 10987]
coverage : 2019-11-20 / 2019-11-26
created : 2023-08-21T15:16:31



Tropomi SWIR background noise (swir)

orbits : [2212, 10987]
coverage : 2018-03-18 / 2019-11-26
created : 2023-08-21T15:16:32

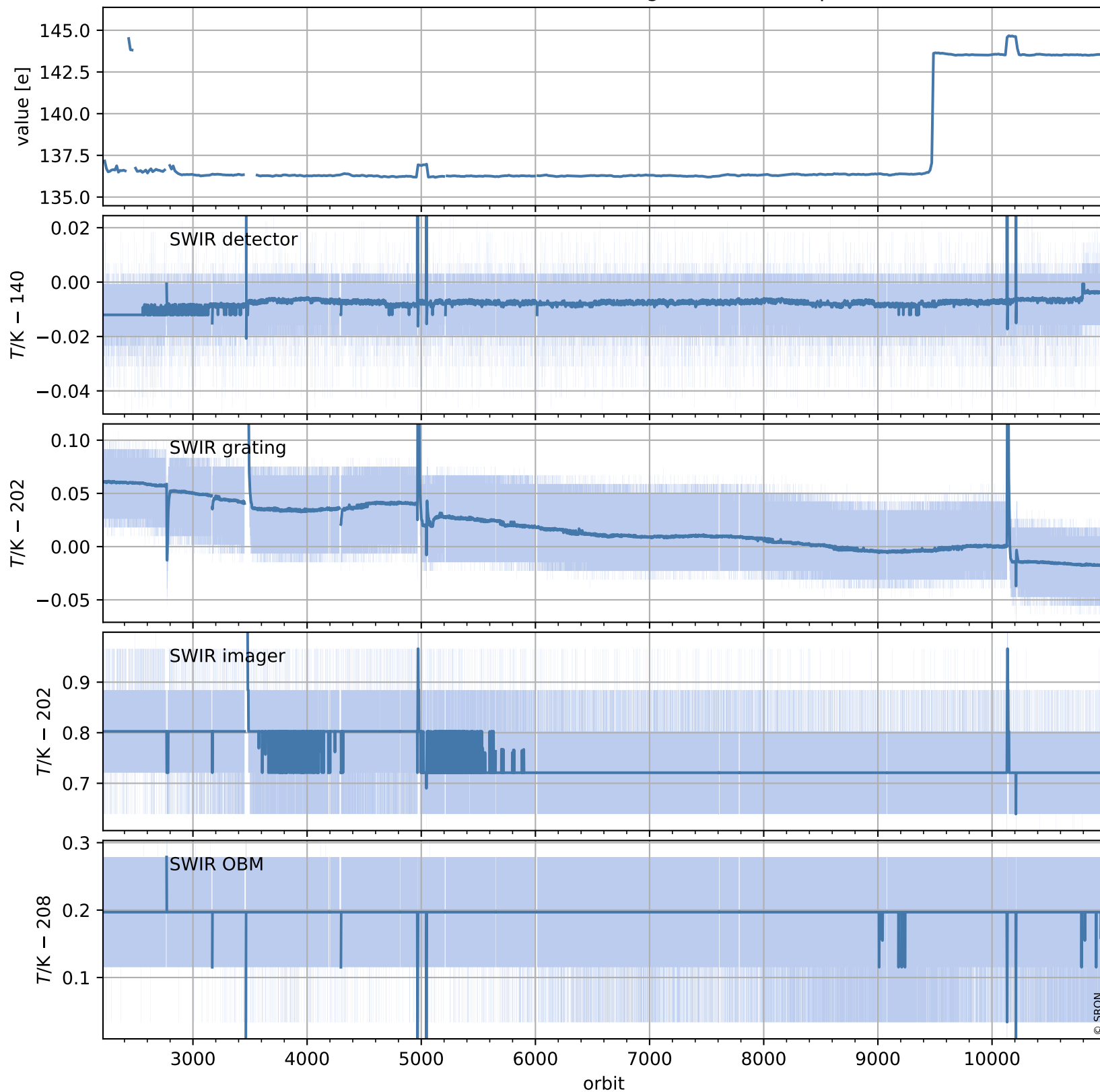
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10987]
coverage : 2018-03-18 / 2019-11-26
created : 2023-08-21T15:16:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10987]
coverage : 2018-03-18 / 2019-11-26
created : 2023-08-21T15:16:34

trend of normalized read-noise & temperatures

