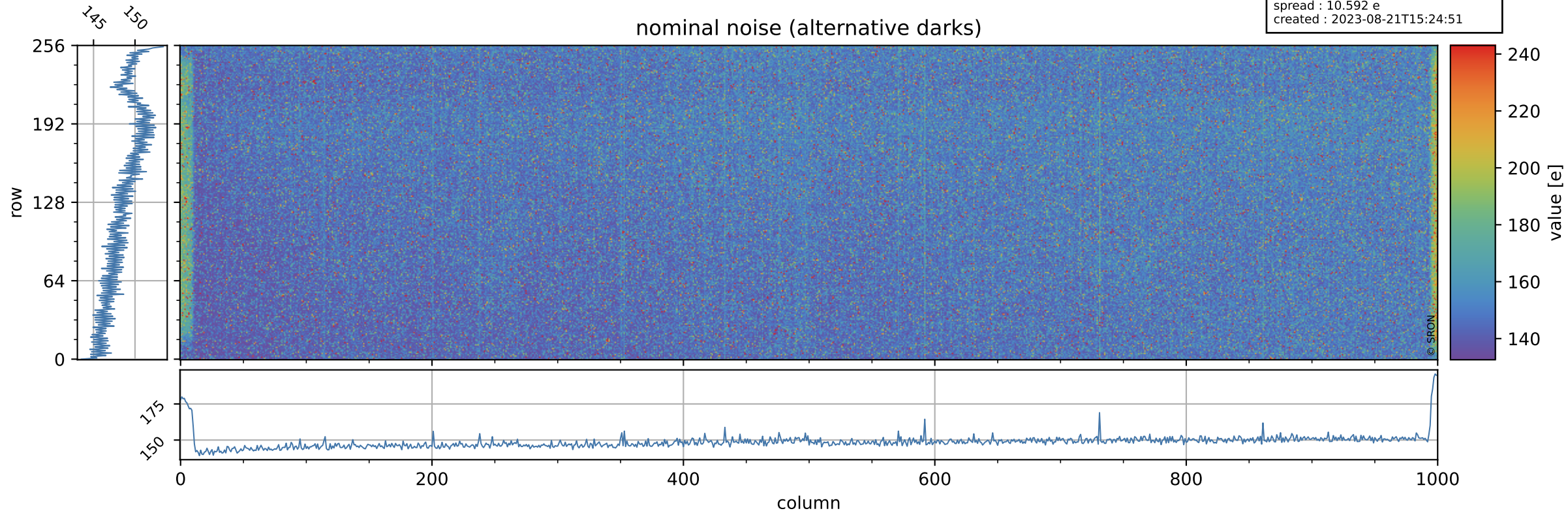


Tropomi SWIR background noise (swir)

orbits : 13 in [12187, 12277]
coverage : 2020-02-19 / 2020-02-25
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.592 e
created : 2023-08-21T15:24:51

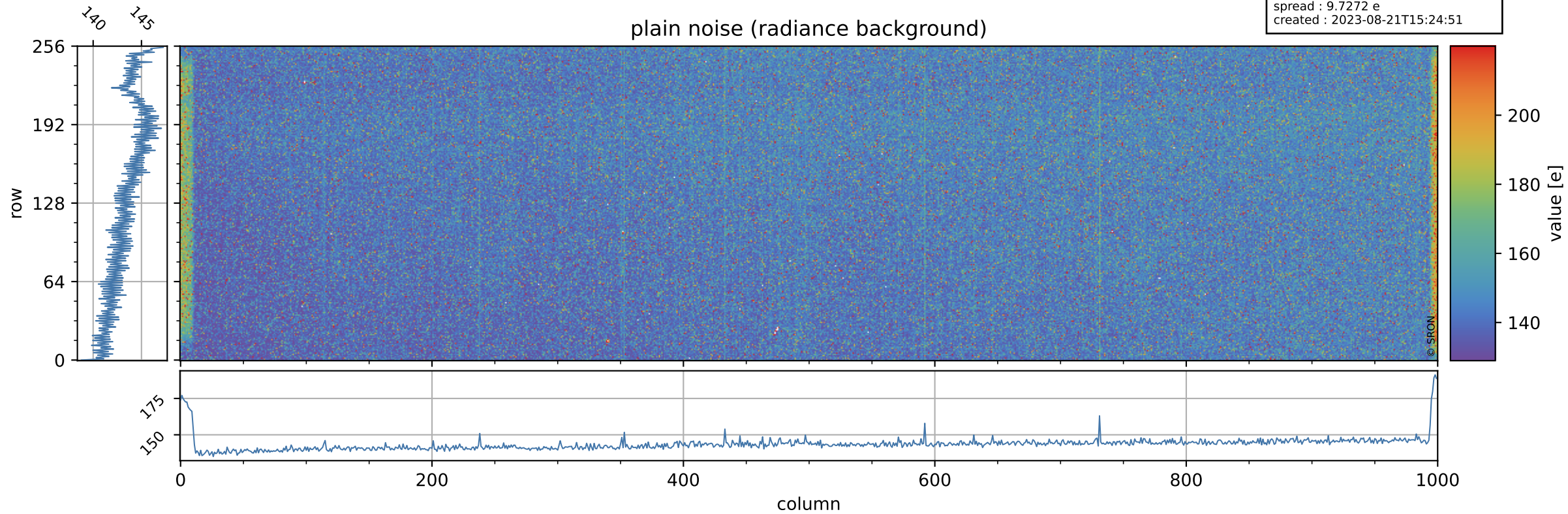
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [12187, 12277]
coverage : 2020-02-19 / 2020-02-25
n_coad, t_exp : 1, 0.8383
median : 143.37 e
spread : 9.7272 e
created : 2023-08-21T15:24:51

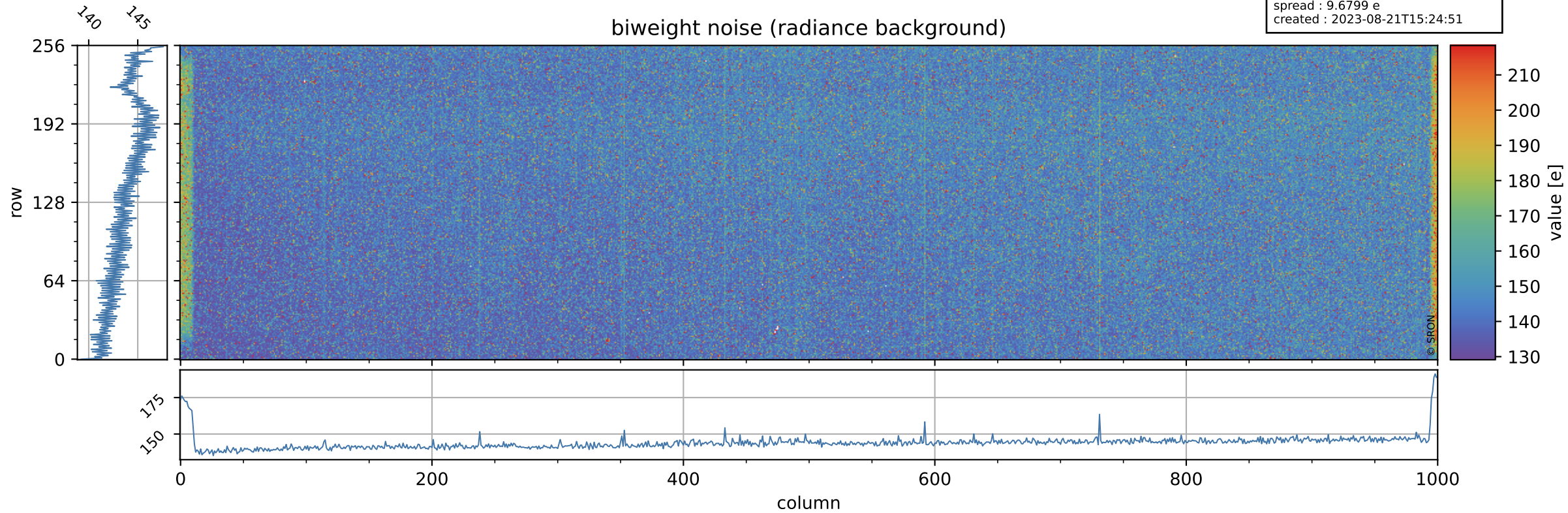
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12187, 12277]
coverage : 2020-02-19 / 2020-02-25
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.6799 e
created : 2023-08-21T15:24:51

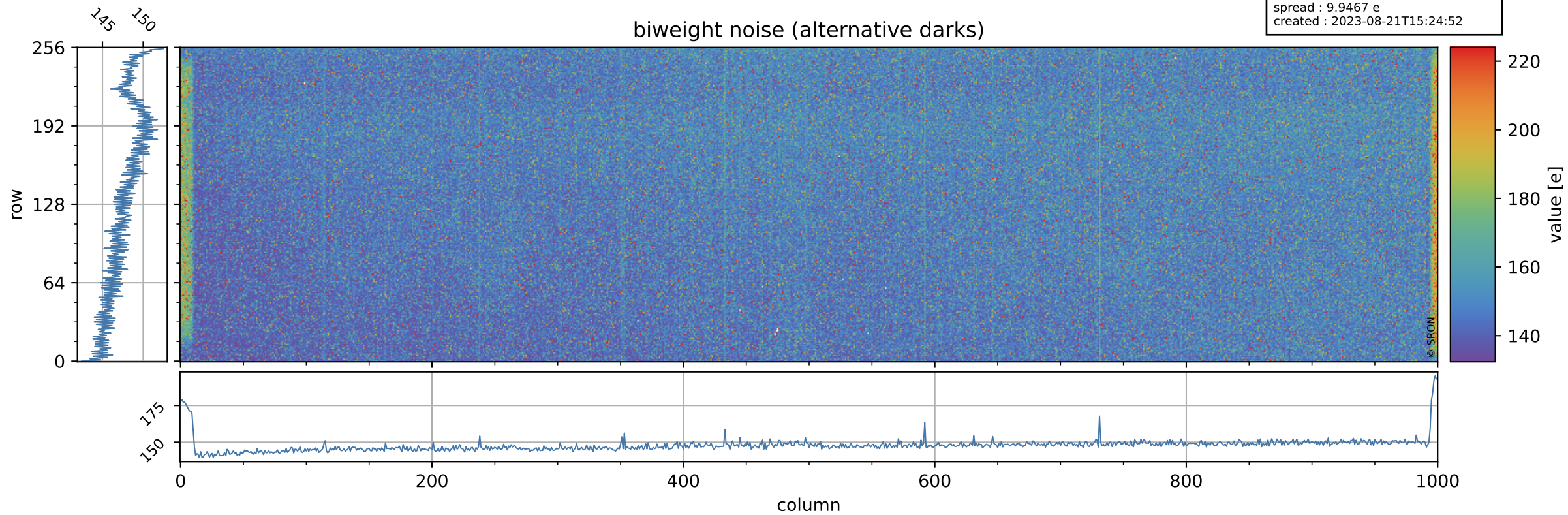
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12187, 12277]
coverage : 2020-02-19 / 2020-02-25
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 9.9467 e
created : 2023-08-21T15:24:52

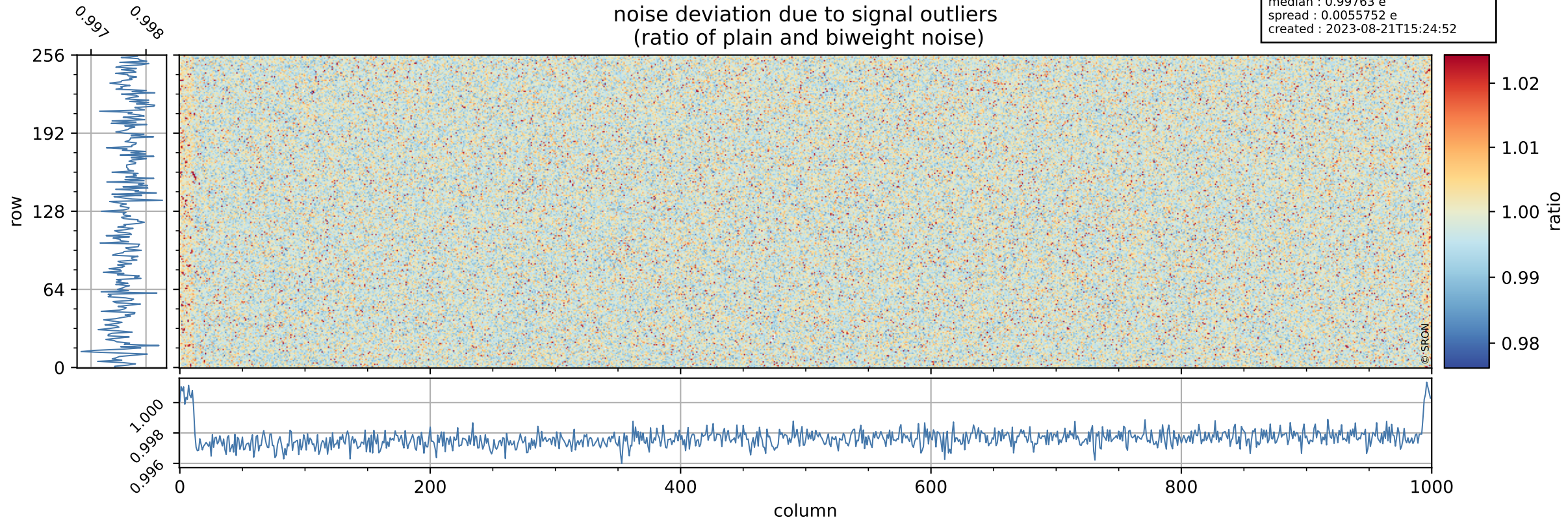
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

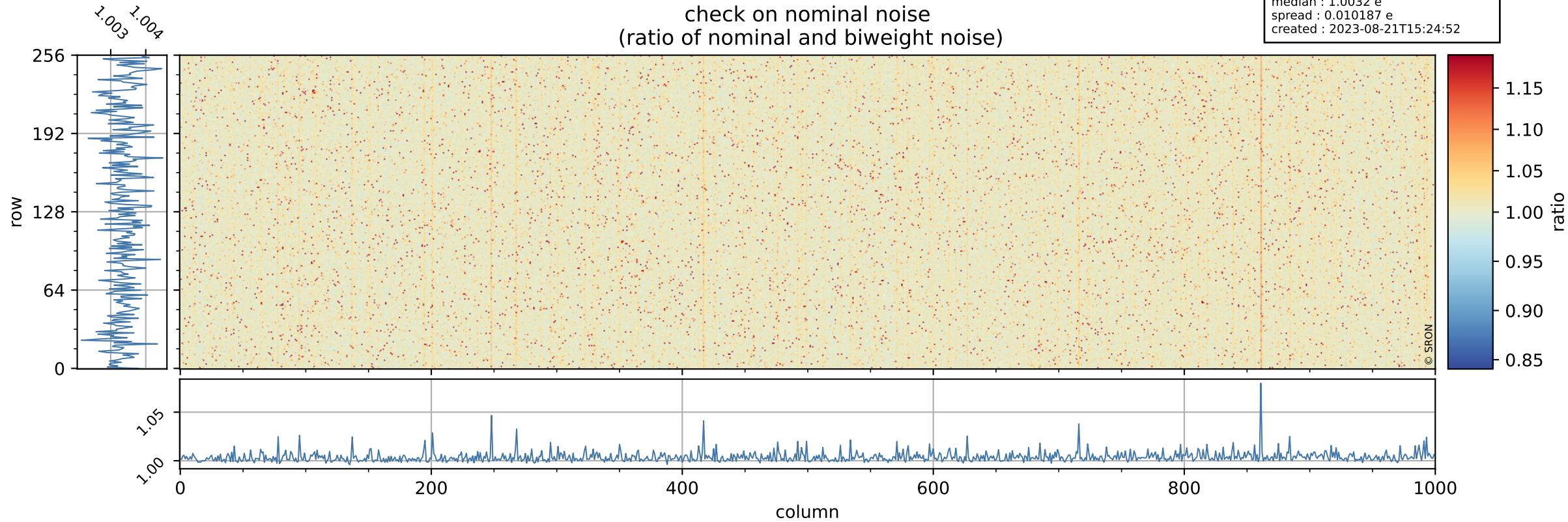
orbits : 13 in [12187, 12277]
coverage : 2020-02-19 / 2020-02-25
median : 0.99763 e
spread : 0.0055752 e
created : 2023-08-21T15:24:52



Tropomi SWIR background noise (swir)

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

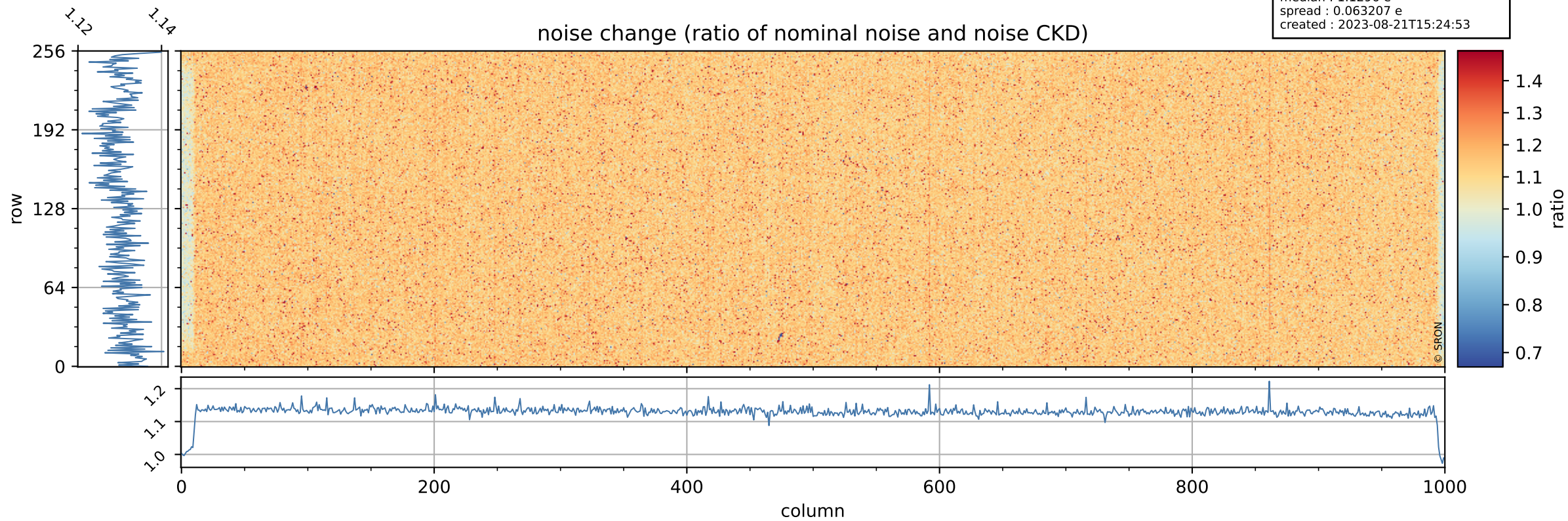
orbits : 13 in [12187, 12277]
coverage : 2020-02-19 / 2020-02-25
median : 1.0032 e
spread : 0.010187 e
created : 2023-08-21T15:24:52



Tropomi SWIR background noise (swir)

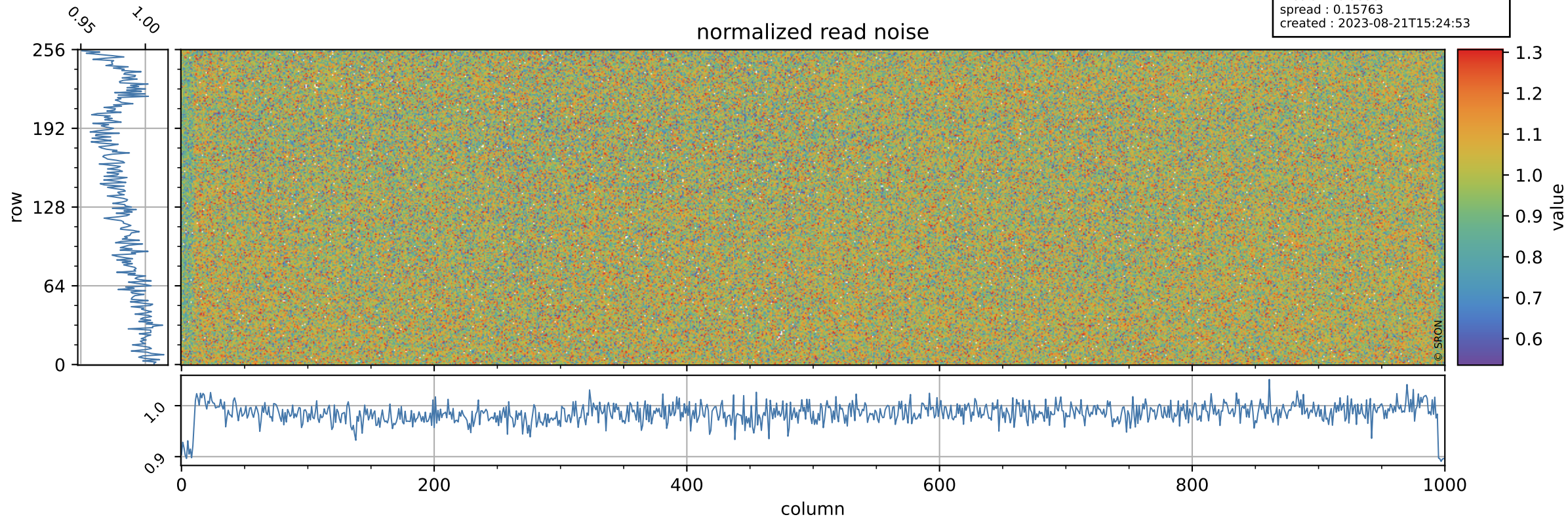
orbits : 13 in [12187, 12277]
coverage : 2020-02-19 / 2020-02-25
median : 1.1296 e
spread : 0.063207 e
created : 2023-08-21T15:24:53

noise change (ratio of nominal noise and noise CKD)



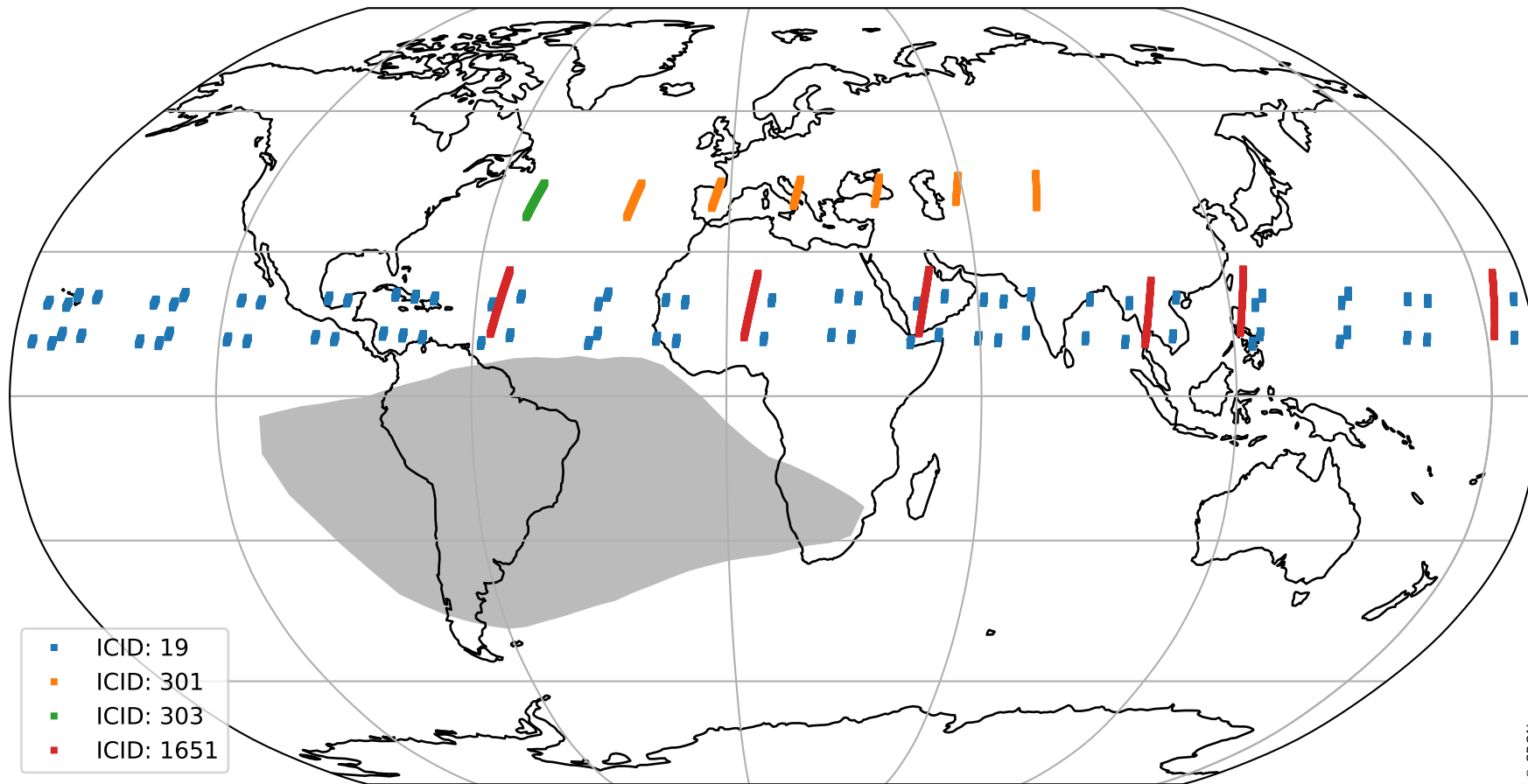
Tropomi SWIR background noise (swir)

orbits : 13 in [12187, 12277]
coverage : 2020-02-19 / 2020-02-25
median : 0.98364
spread : 0.15763
created : 2023-08-21T15:24:53



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

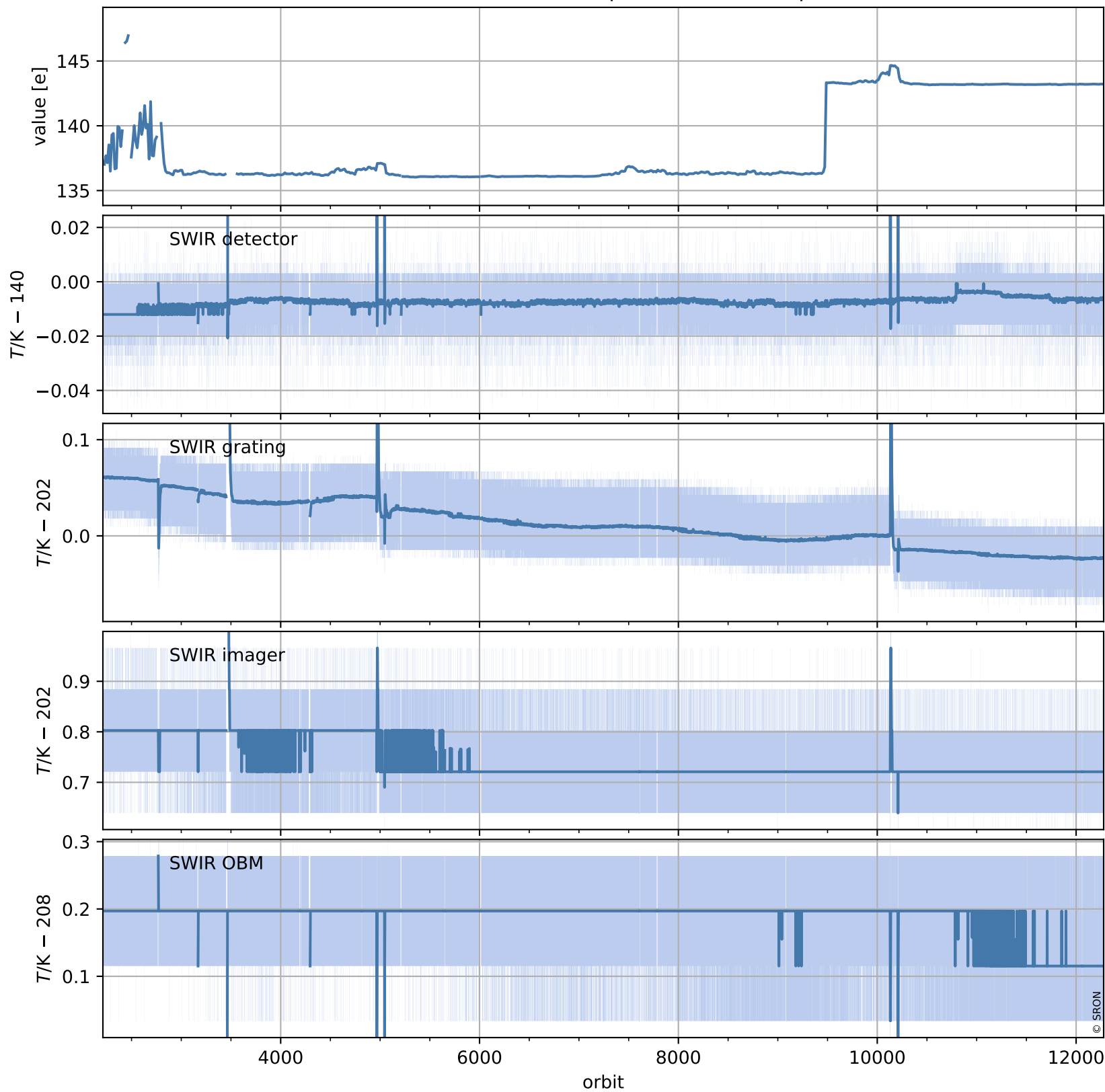
orbits : 13 in [12187, 12277]
coverage : 2020-02-19 / 2020-02-25
created : 2023-08-21T15:24:53



Tropomi SWIR background noise (swir)

orbits : [2212, 12277]
coverage : 2018-03-18 / 2020-02-25
created : 2023-08-21T15:24:54

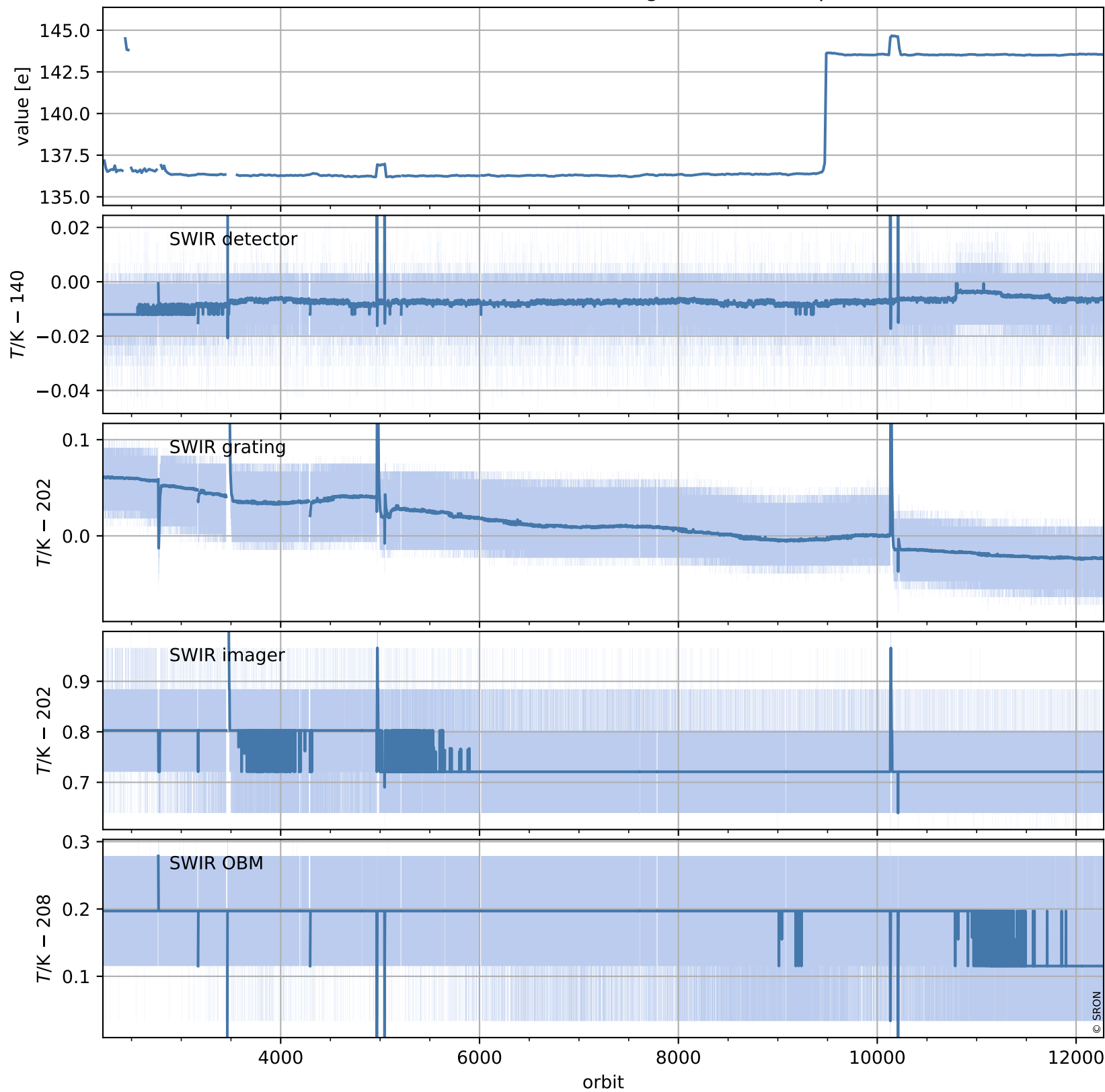
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12277]
coverage : 2018-03-18 / 2020-02-25
created : 2023-08-21T15:24:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12277]
coverage : 2018-03-18 / 2020-02-25
created : 2023-08-21T15:24:55

trend of normalized read-noise & temperatures

