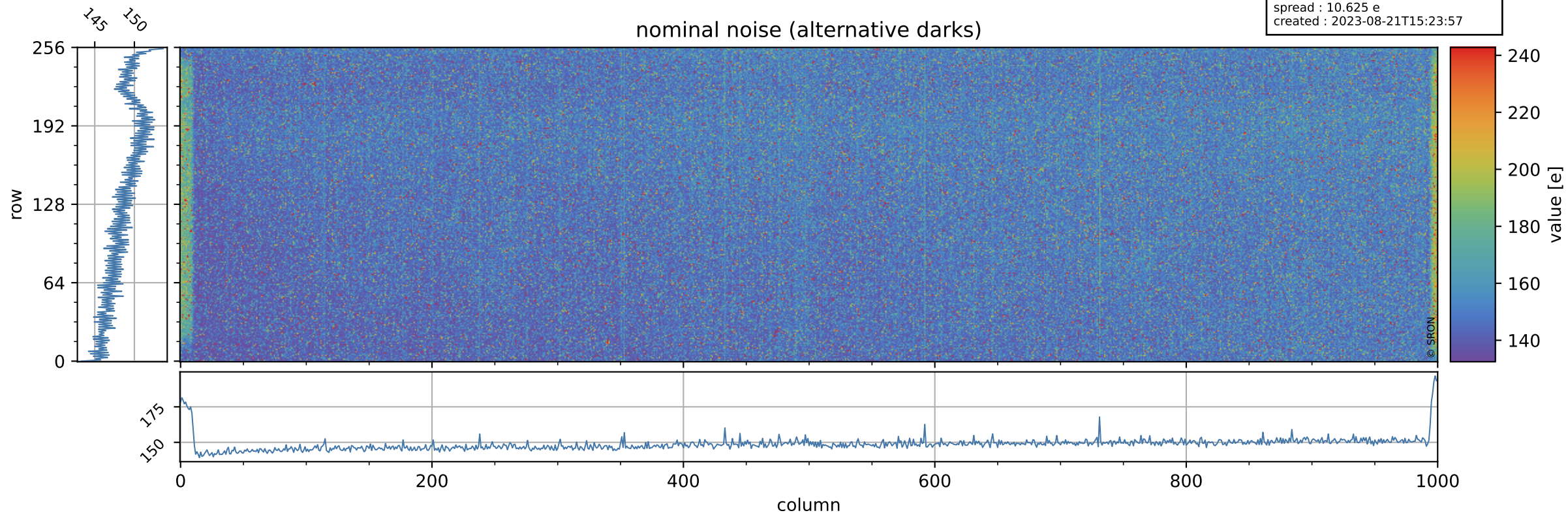


Tropomi SWIR background noise (swir)

orbits : 12 in [12022, 12112]
coverage : 2020-02-08 / 2020-02-13
n_coad, t_exp : 1, 1.0783
median : 148.55 e
spread : 10.625 e
created : 2023-08-21T15:23:57

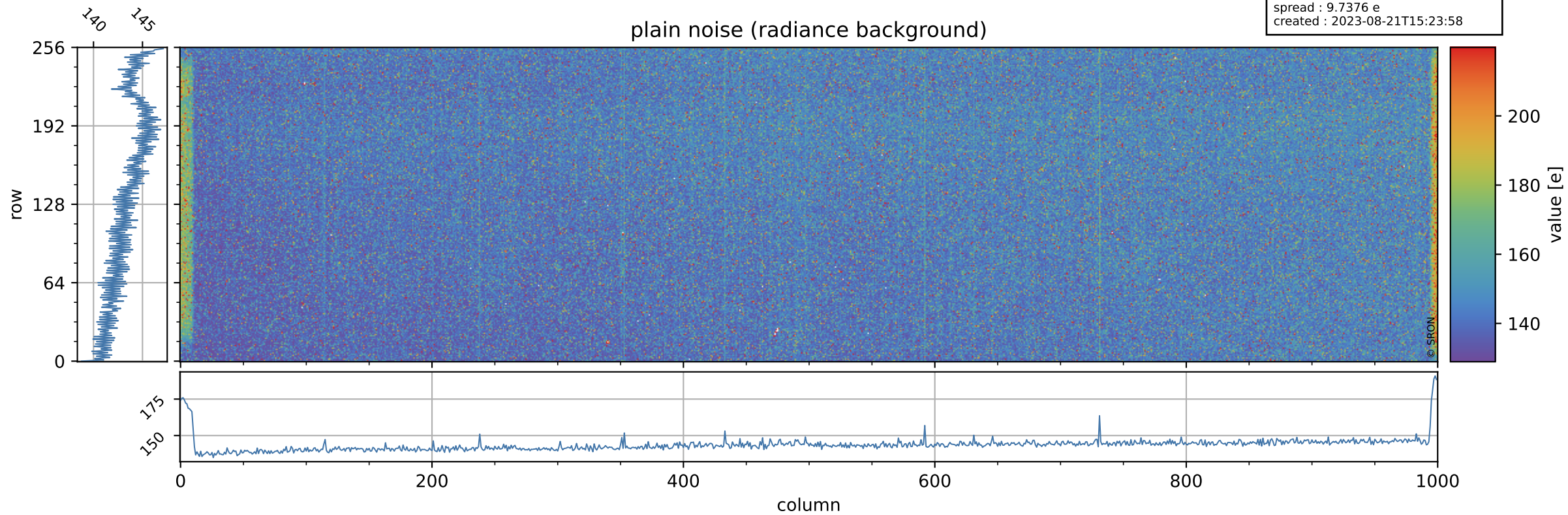
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12022, 12112]
coverage : 2020-02-08 / 2020-02-13
n_coad, t_exp : 1, 0.8383
median : 143.36 e
spread : 9.7376 e
created : 2023-08-21T15:23:58

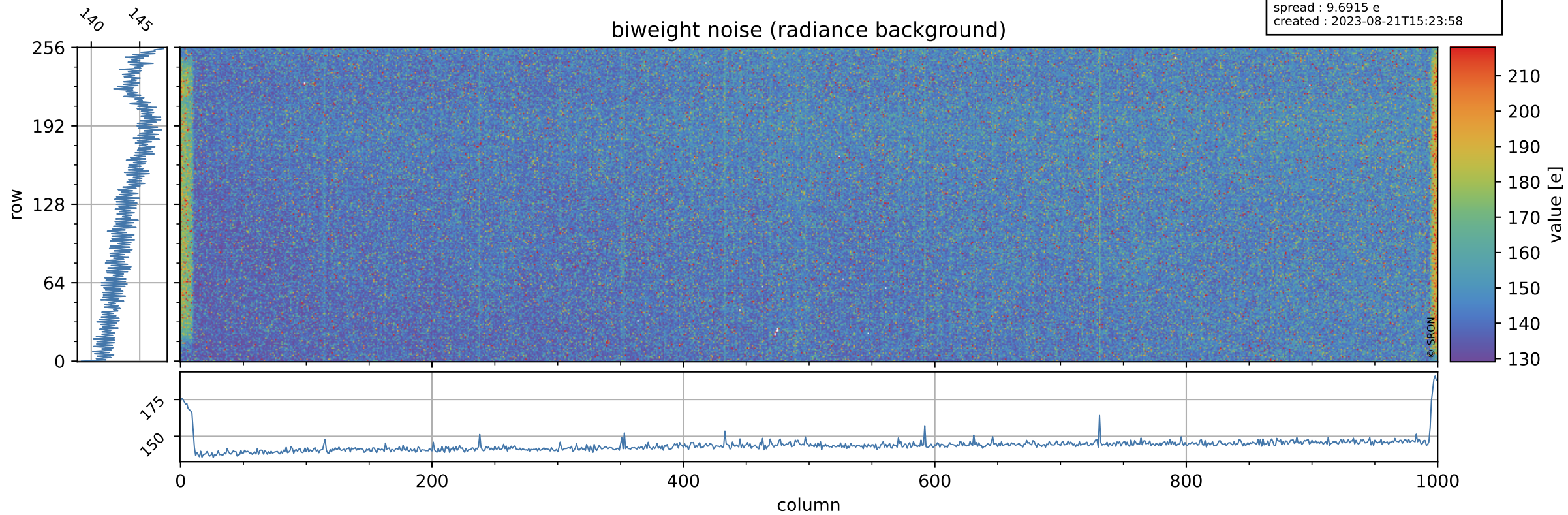
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12022, 12112]
coverage : 2020-02-08 / 2020-02-13
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.6915 e
created : 2023-08-21T15:23:58

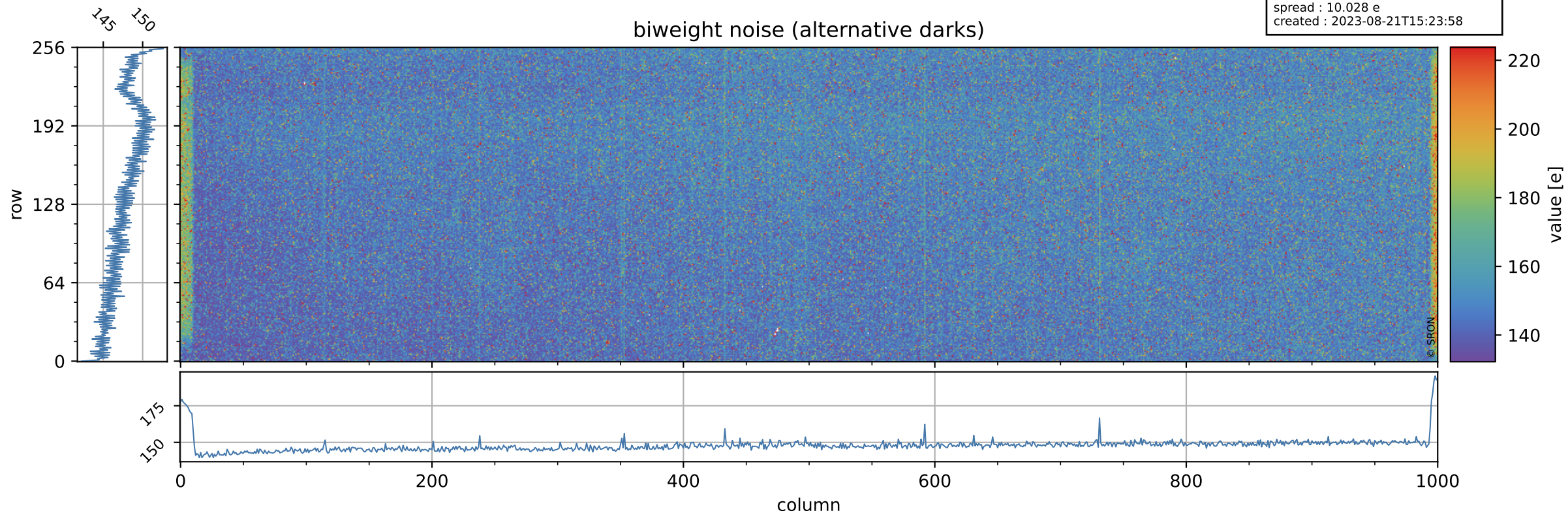
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12022, 12112]
coverage : 2020-02-08 / 2020-02-13
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.028 e
created : 2023-08-21T15:23:58

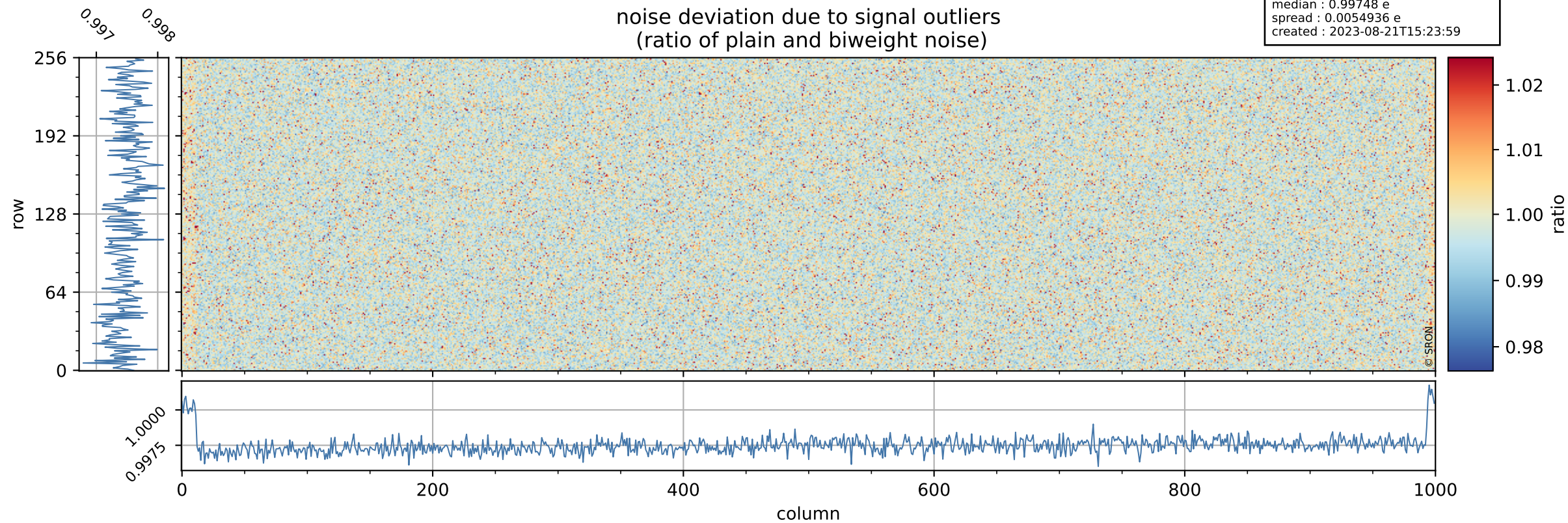
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

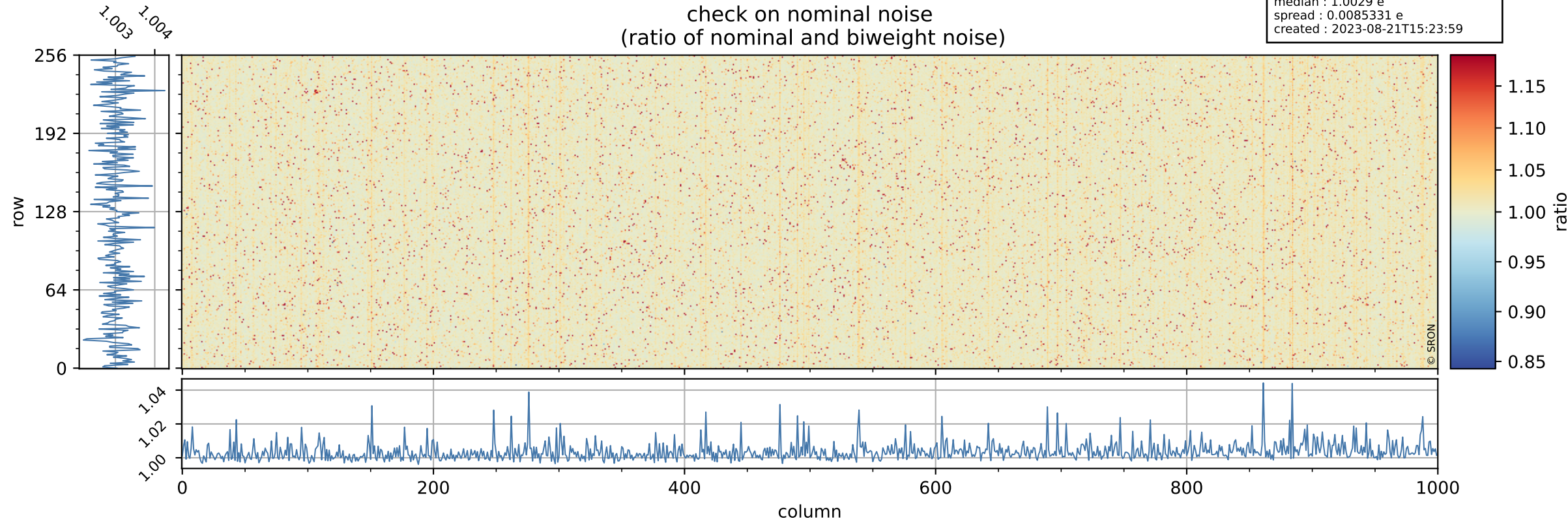
orbits : 12 in [12022, 12112]
coverage : 2020-02-08 / 2020-02-13
median : 0.99748 e
spread : 0.0054936 e
created : 2023-08-21T15:23:59



Tropomi SWIR background noise (swir)

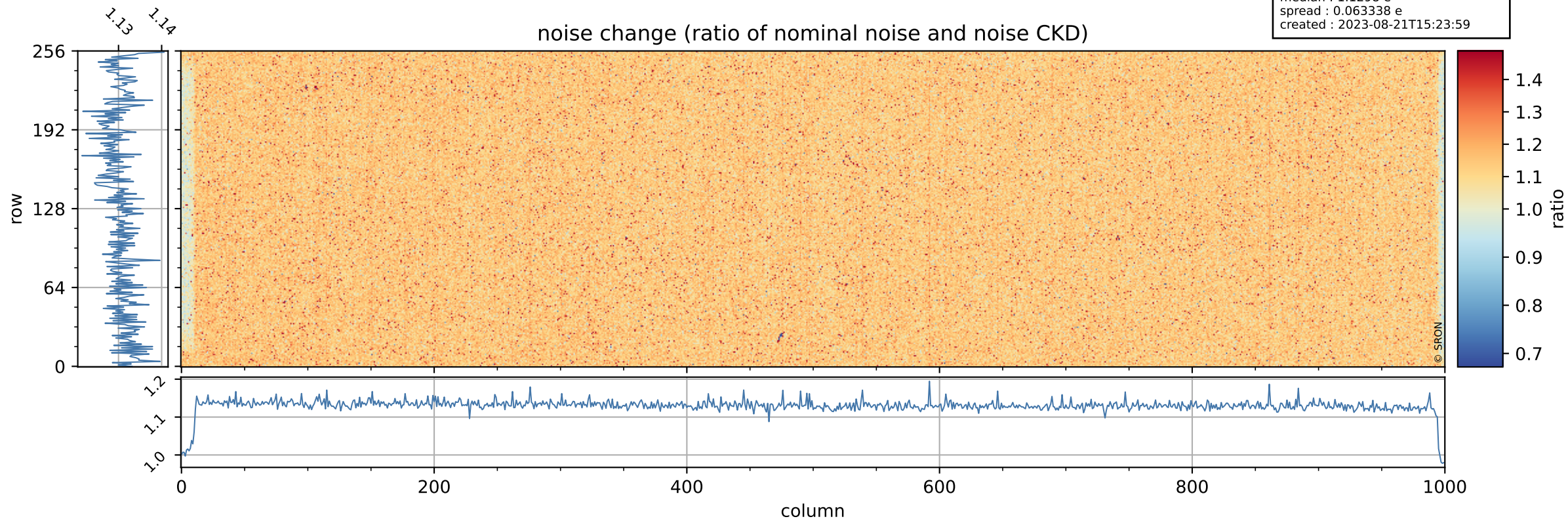
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12022, 12112]
coverage : 2020-02-08 / 2020-02-13
median : 1.0029 e
spread : 0.0085331 e
created : 2023-08-21T15:23:59



Tropomi SWIR background noise (swir)

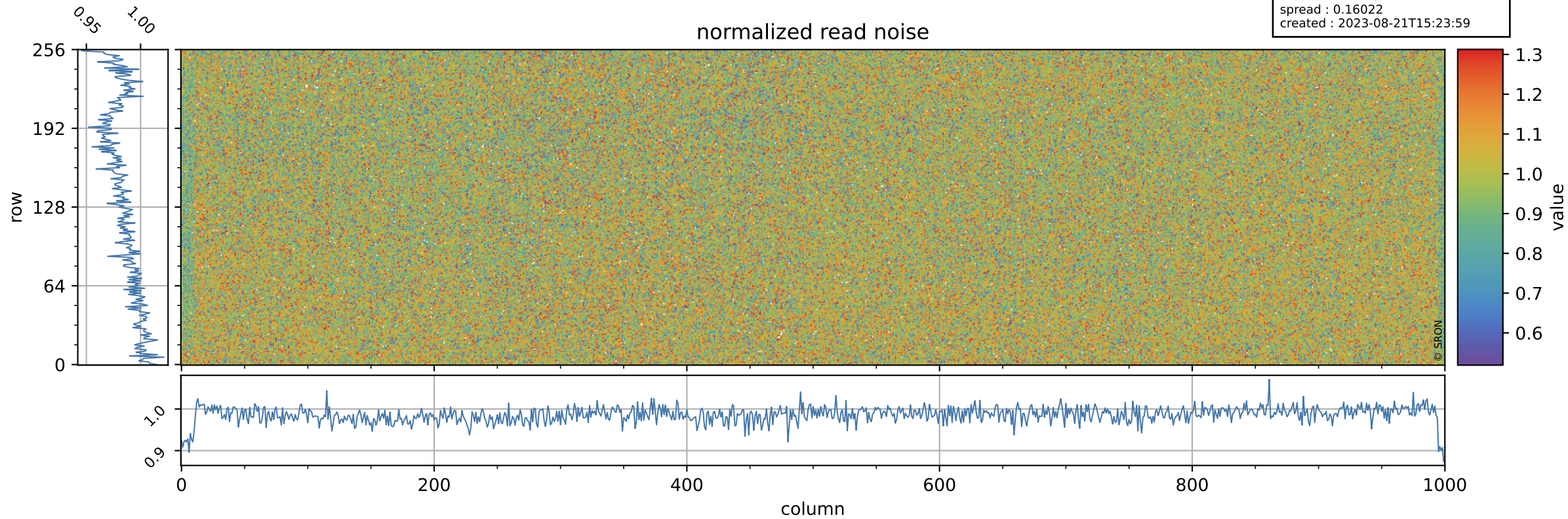
orbits : 12 in [12022, 12112]
coverage : 2020-02-08 / 2020-02-13
median : 1.1298 e
spread : 0.063338 e
created : 2023-08-21T15:23:59



Tropomi SWIR background noise (swir)

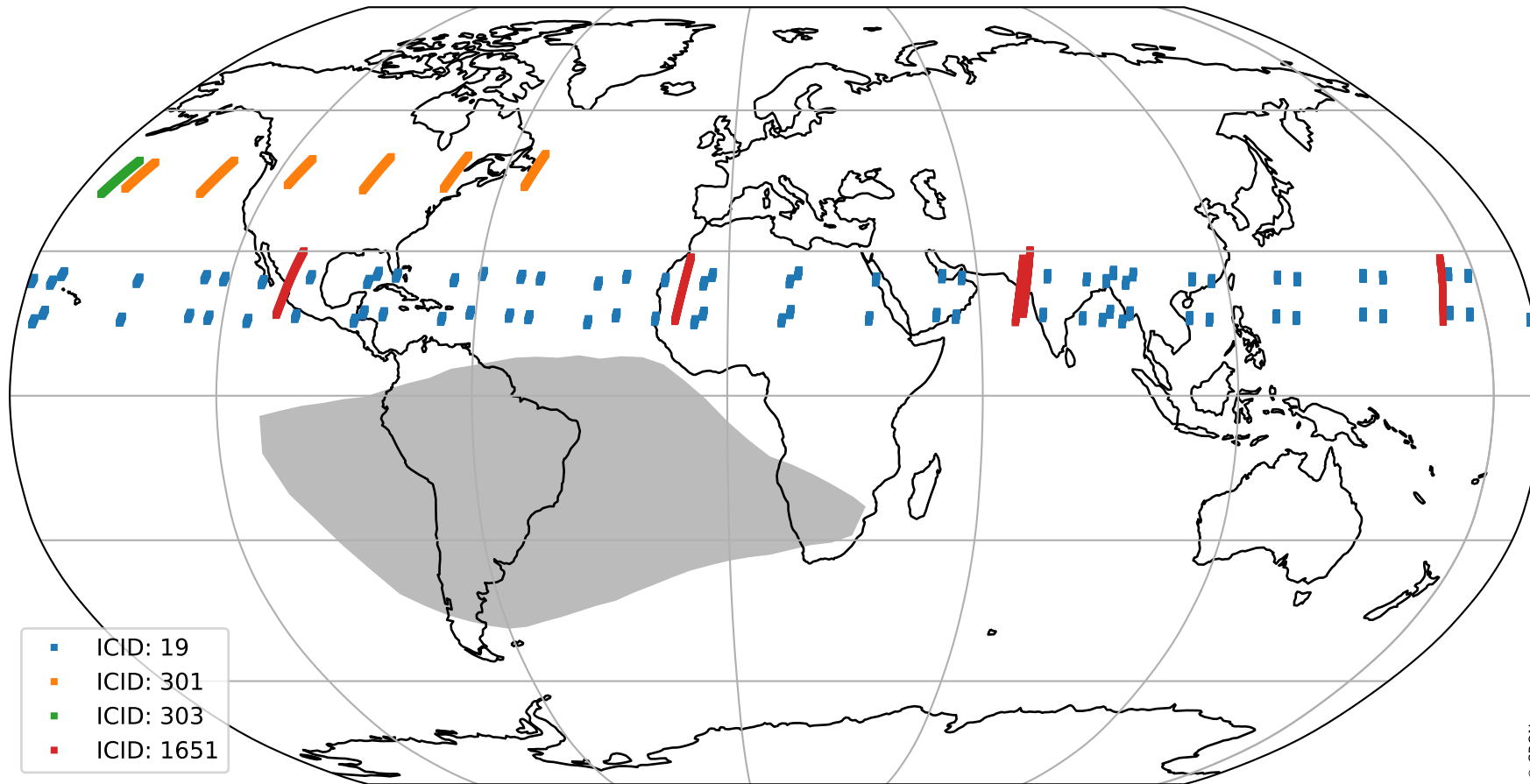
orbits : 12 in [12022, 12112]
coverage : 2020-02-08 / 2020-02-13
median : 0.98484
spread : 0.16022
created : 2023-08-21T15:23:59

normalized read noise



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

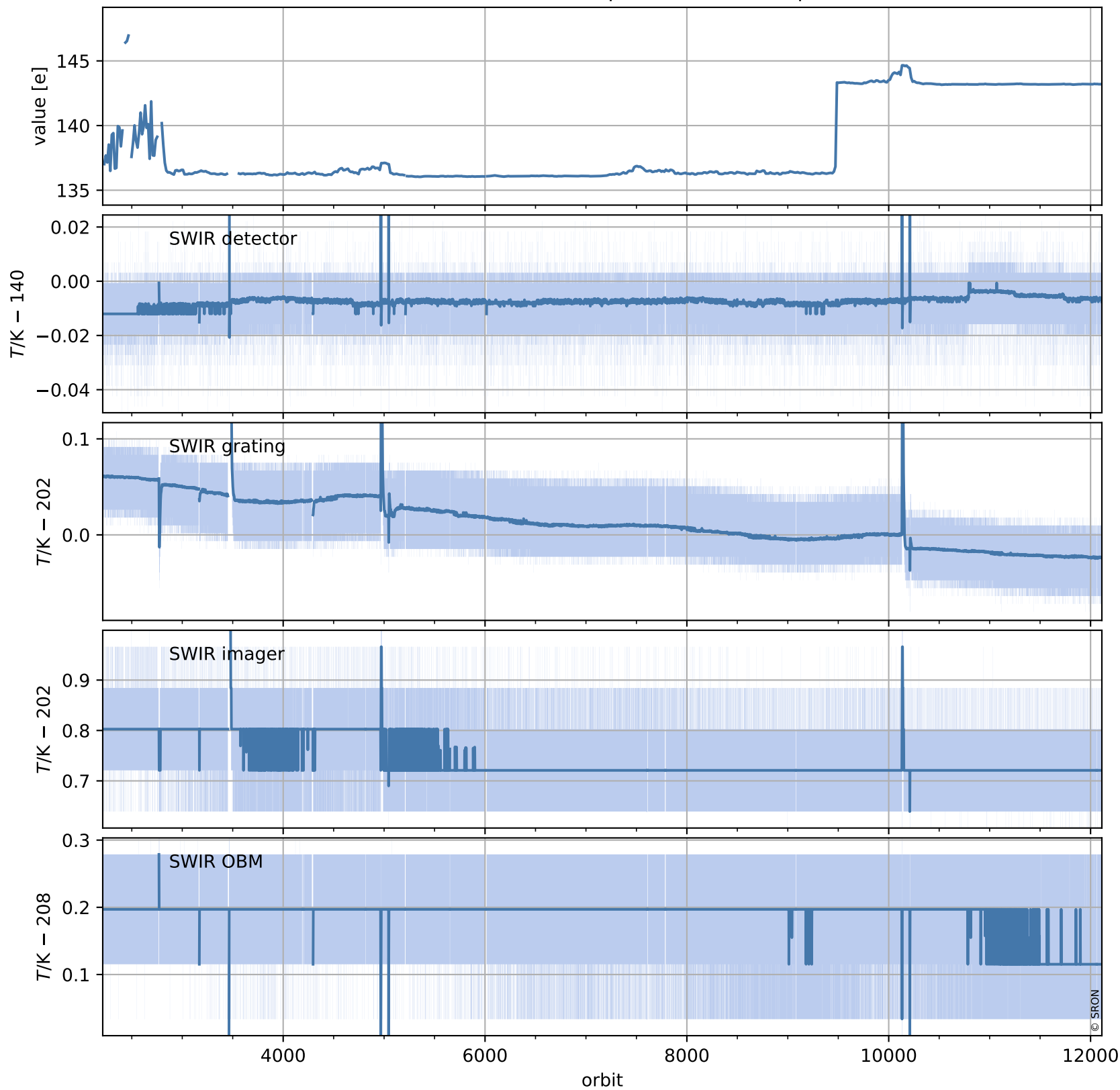
orbits : 12 in [12022, 12112]
coverage : 2020-02-08 / 2020-02-13
created : 2023-08-21T15:24:00



Tropomi SWIR background noise (swir)

orbits : [2212, 12112]
coverage : 2018-03-18 / 2020-02-13
created : 2023-08-21T15:24:00

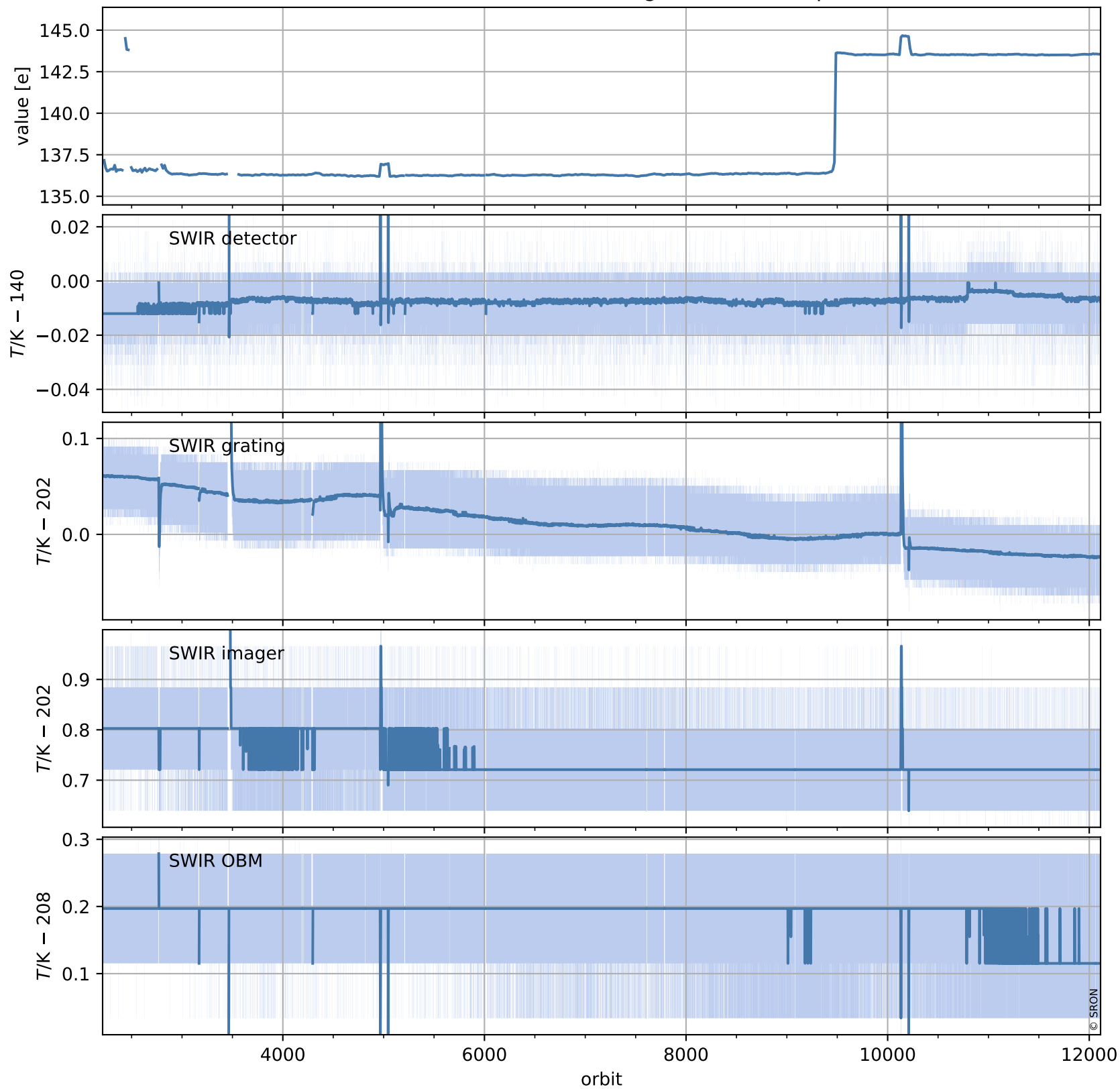
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12112]
coverage : 2018-03-18 / 2020-02-13
created : 2023-08-21T15:24:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12112]
coverage : 2018-03-18 / 2020-02-13
created : 2023-08-21T15:24:01

trend of normalized read-noise & temperatures

