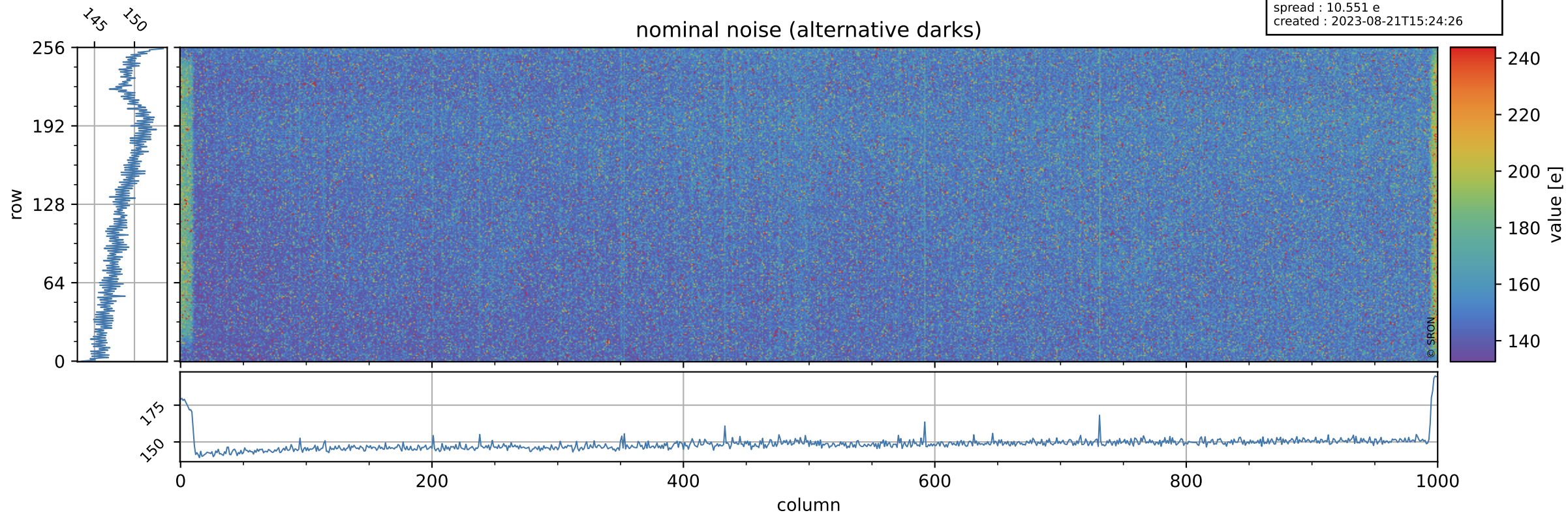


Tropomi SWIR background noise (swir)

orbits : 13 in [12112, 12202]
coverage : 2020-02-14 / 2020-02-20
n_coad, t_exp : 1, 1.0783
median : 148.45 e
spread : 10.551 e
created : 2023-08-21T15:24:26

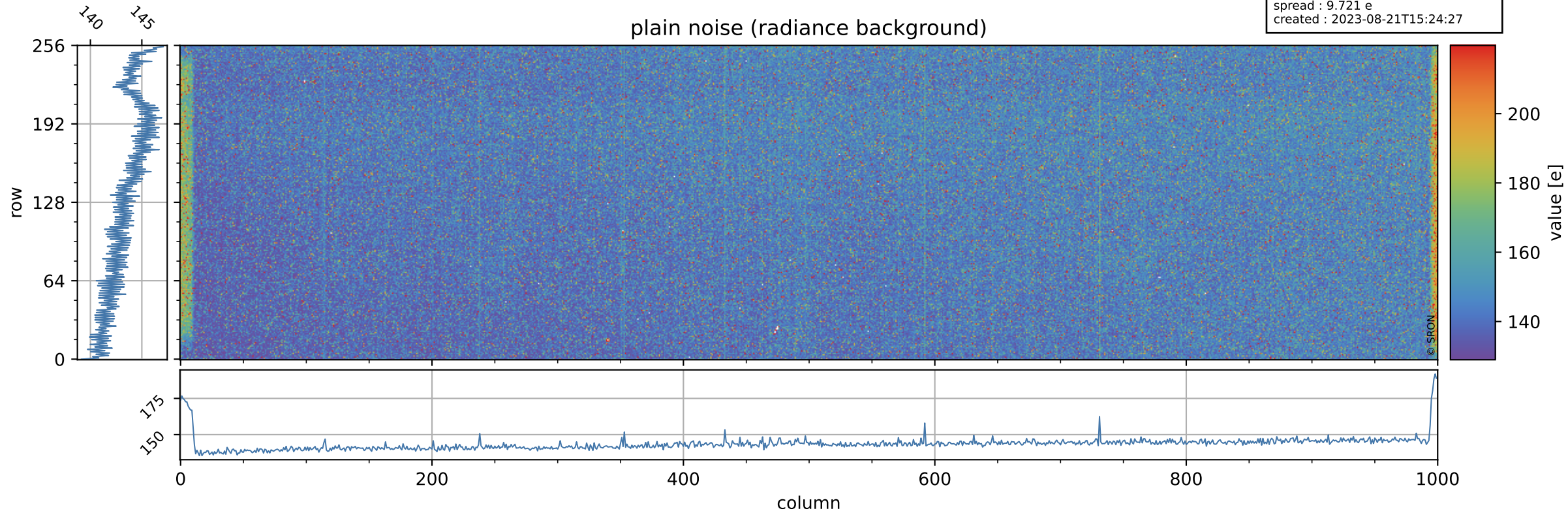
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [12112, 12202]
coverage : 2020-02-14 / 2020-02-20
n_coad, t_exp : 1, 0.8383
median : 143.36 e
spread : 9.721 e
created : 2023-08-21T15:24:27

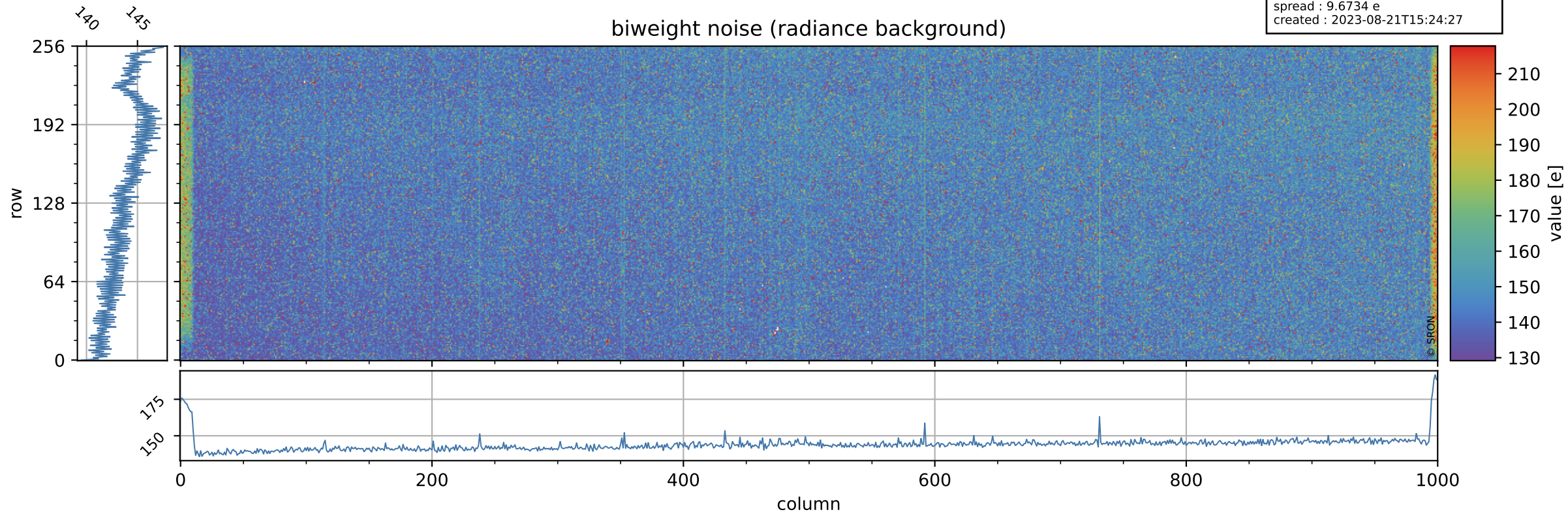
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12112, 12202]
coverage : 2020-02-14 / 2020-02-20
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.6734 e
created : 2023-08-21T15:24:27

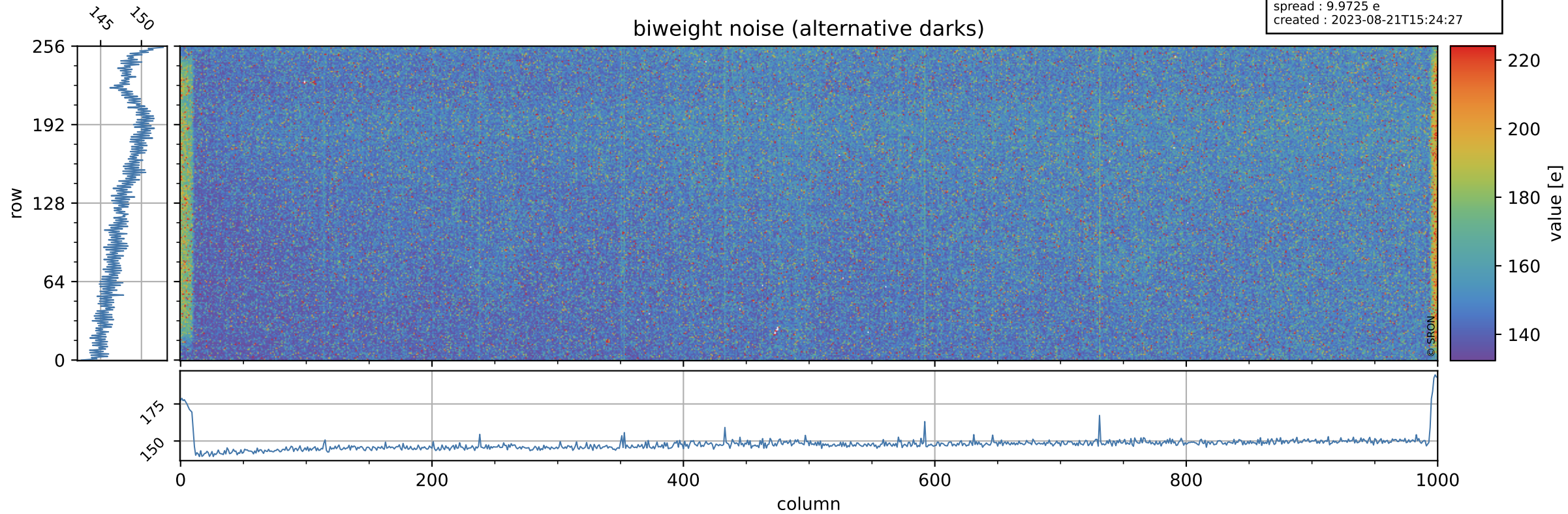
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12112, 12202]
coverage : 2020-02-14 / 2020-02-20
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 9.9725 e
created : 2023-08-21T15:24:27

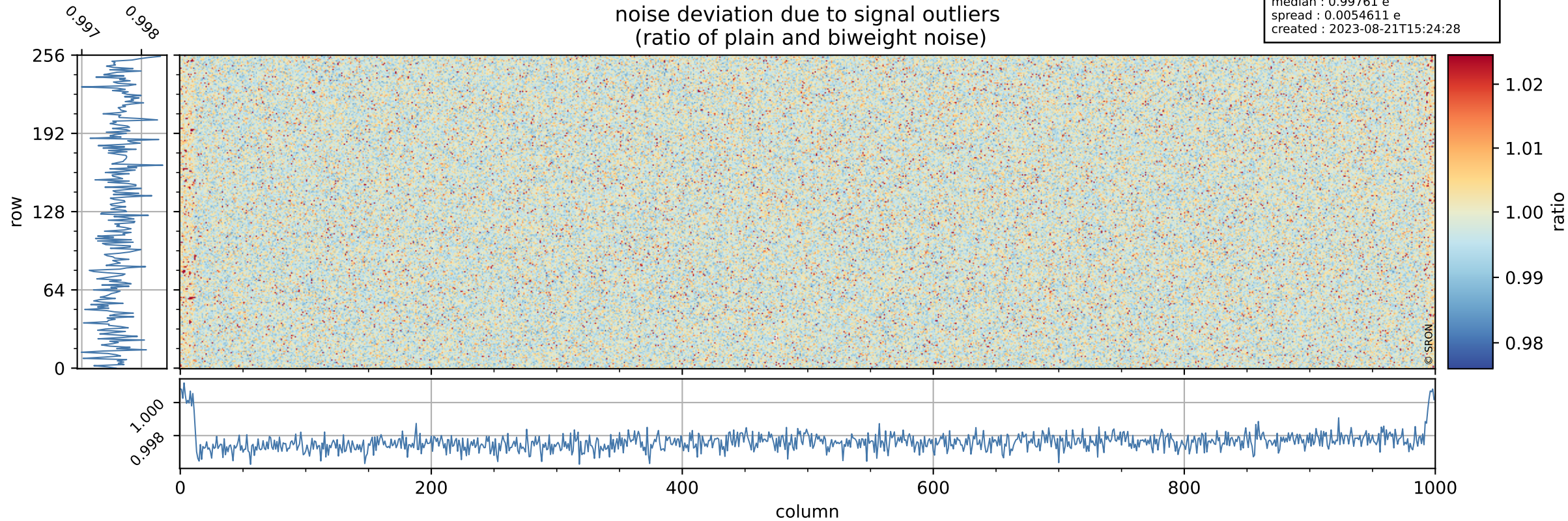
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

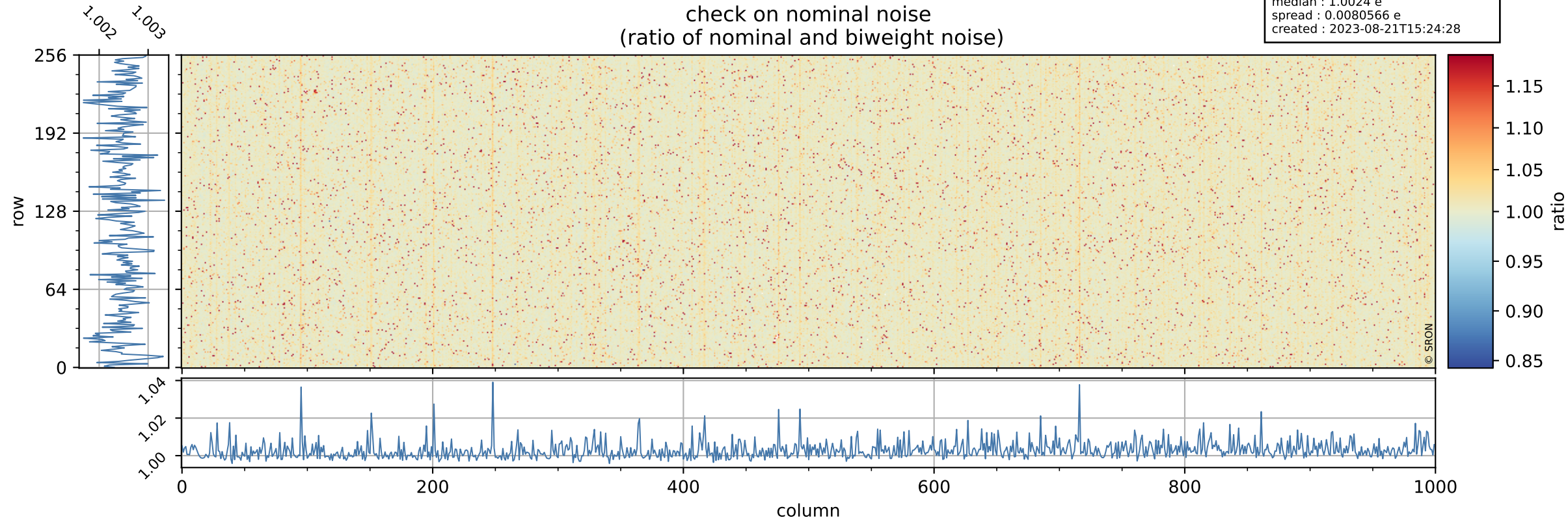
orbits : 13 in [12112, 12202]
coverage : 2020-02-14 / 2020-02-20
median : 0.99761 e
spread : 0.0054611 e
created : 2023-08-21T15:24:28



Tropomi SWIR background noise (swir)

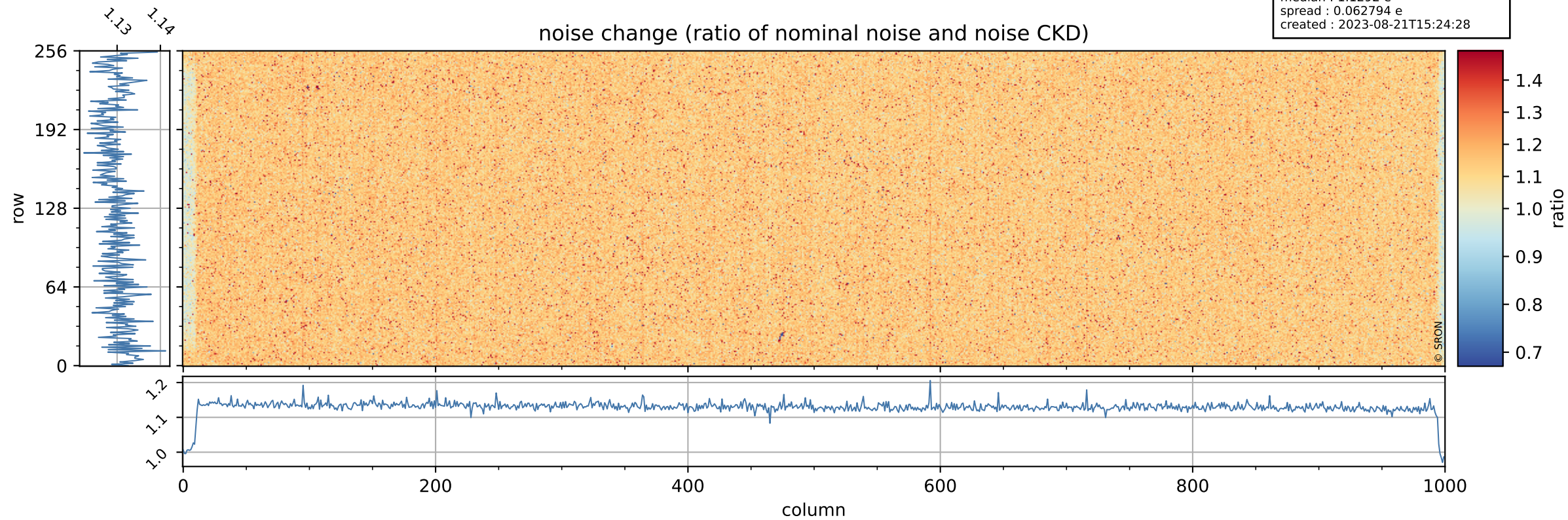
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [12112, 12202]
coverage : 2020-02-14 / 2020-02-20
median : 1.0024 e
spread : 0.0080566 e
created : 2023-08-21T15:24:28



Tropomi SWIR background noise (swir)

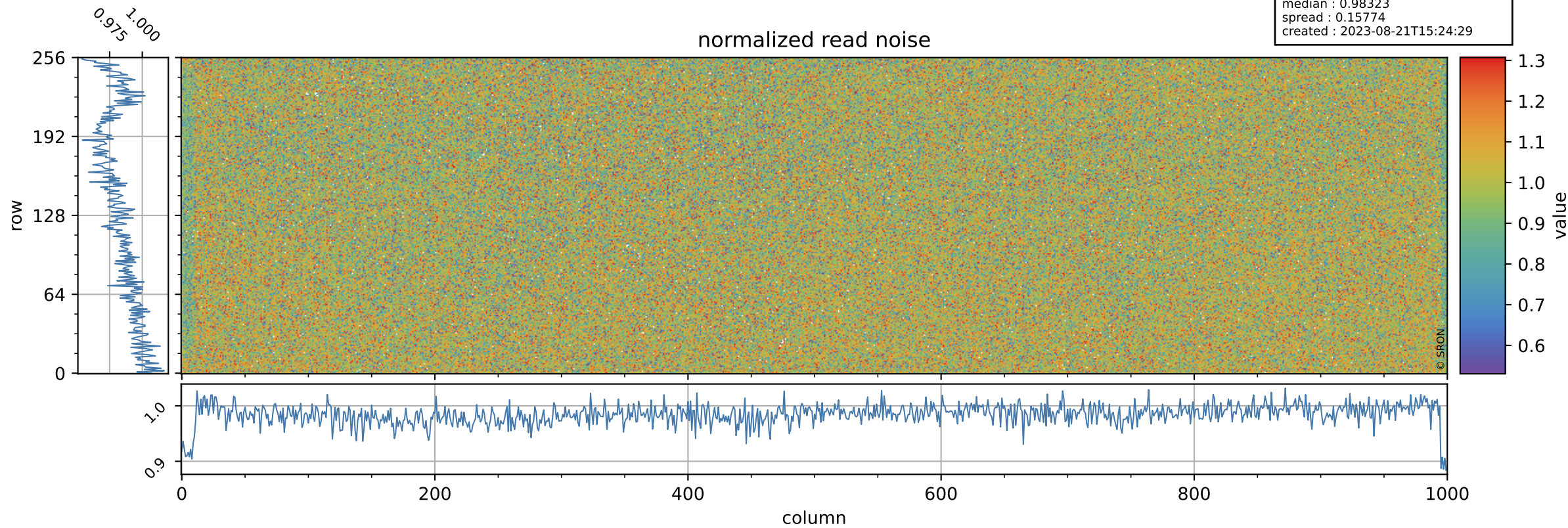
orbits : 13 in [12112, 12202]
coverage : 2020-02-14 / 2020-02-20
median : 1.1292 e
spread : 0.062794 e
created : 2023-08-21T15:24:28



Tropomi SWIR background noise (swir)

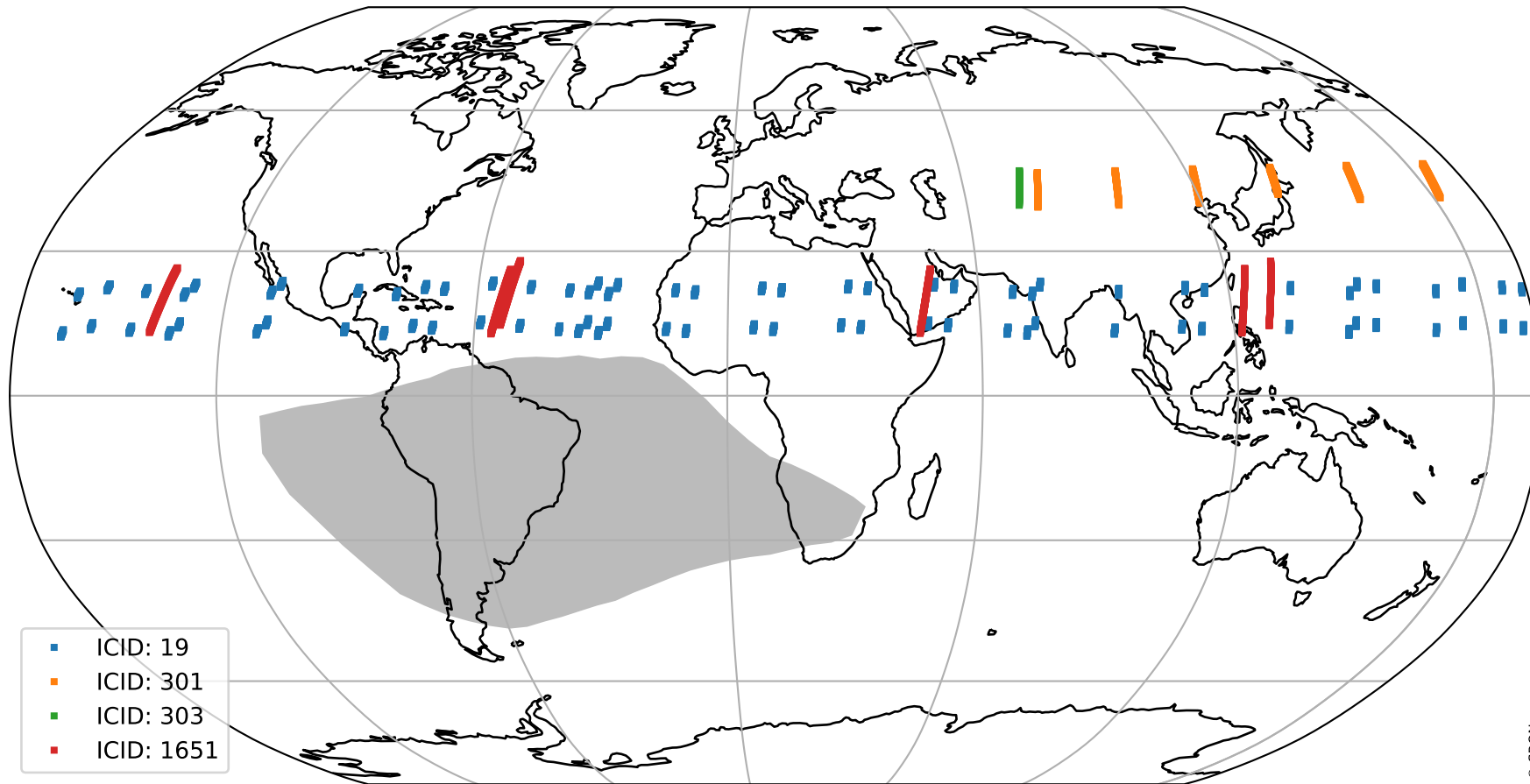
orbits : 13 in [12112, 12202]
coverage : 2020-02-14 / 2020-02-20
median : 0.98323
spread : 0.15774
created : 2023-08-21T15:24:29

normalized read noise



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

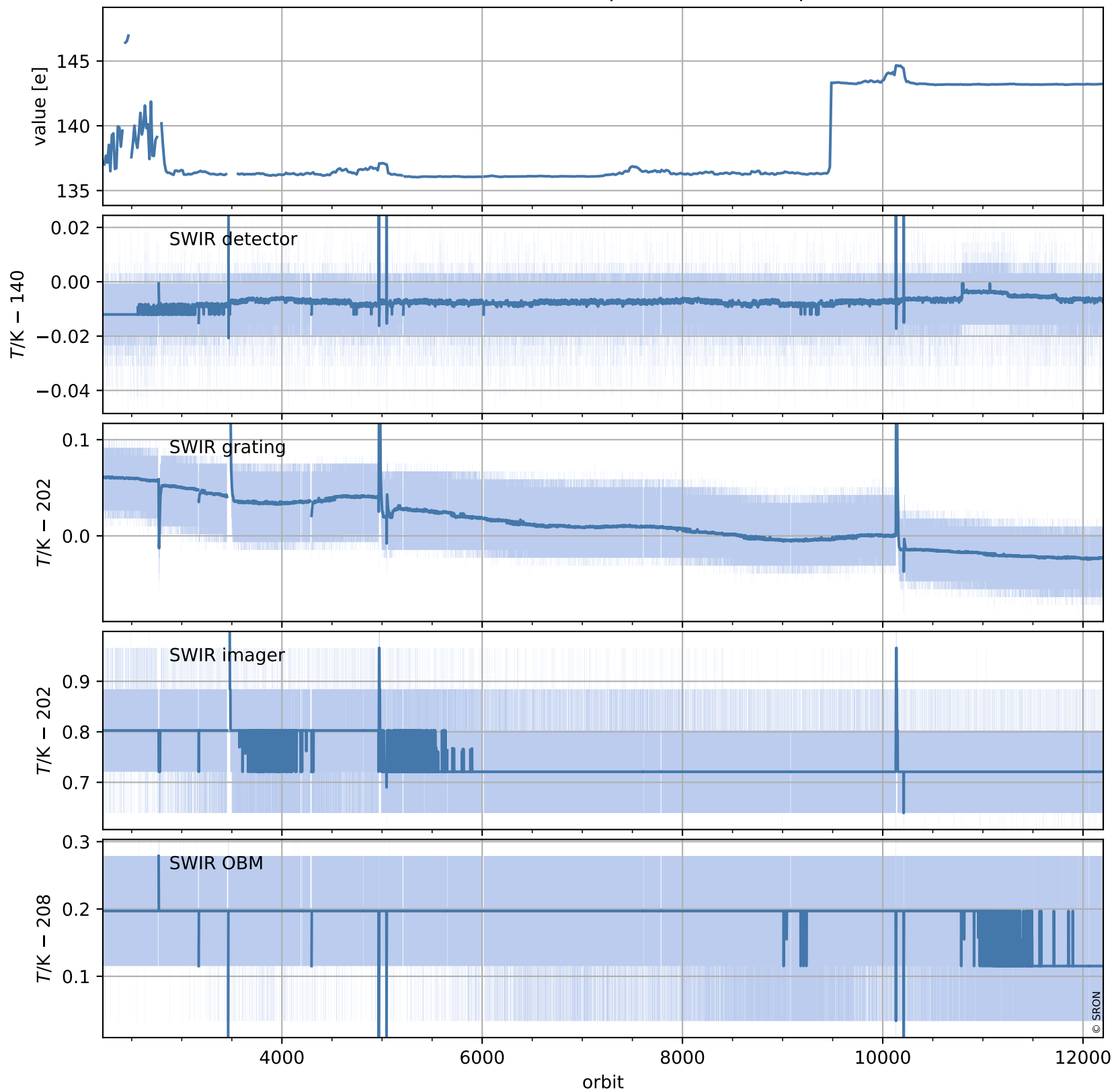
orbits : 13 in [12112, 12202]
coverage : 2020-02-14 / 2020-02-20
created : 2023-08-21T15:24:29



Tropomi SWIR background noise (swir)

orbits : [2212, 12202]
coverage : 2018-03-18 / 2020-02-20
created : 2023-08-21T15:24:29

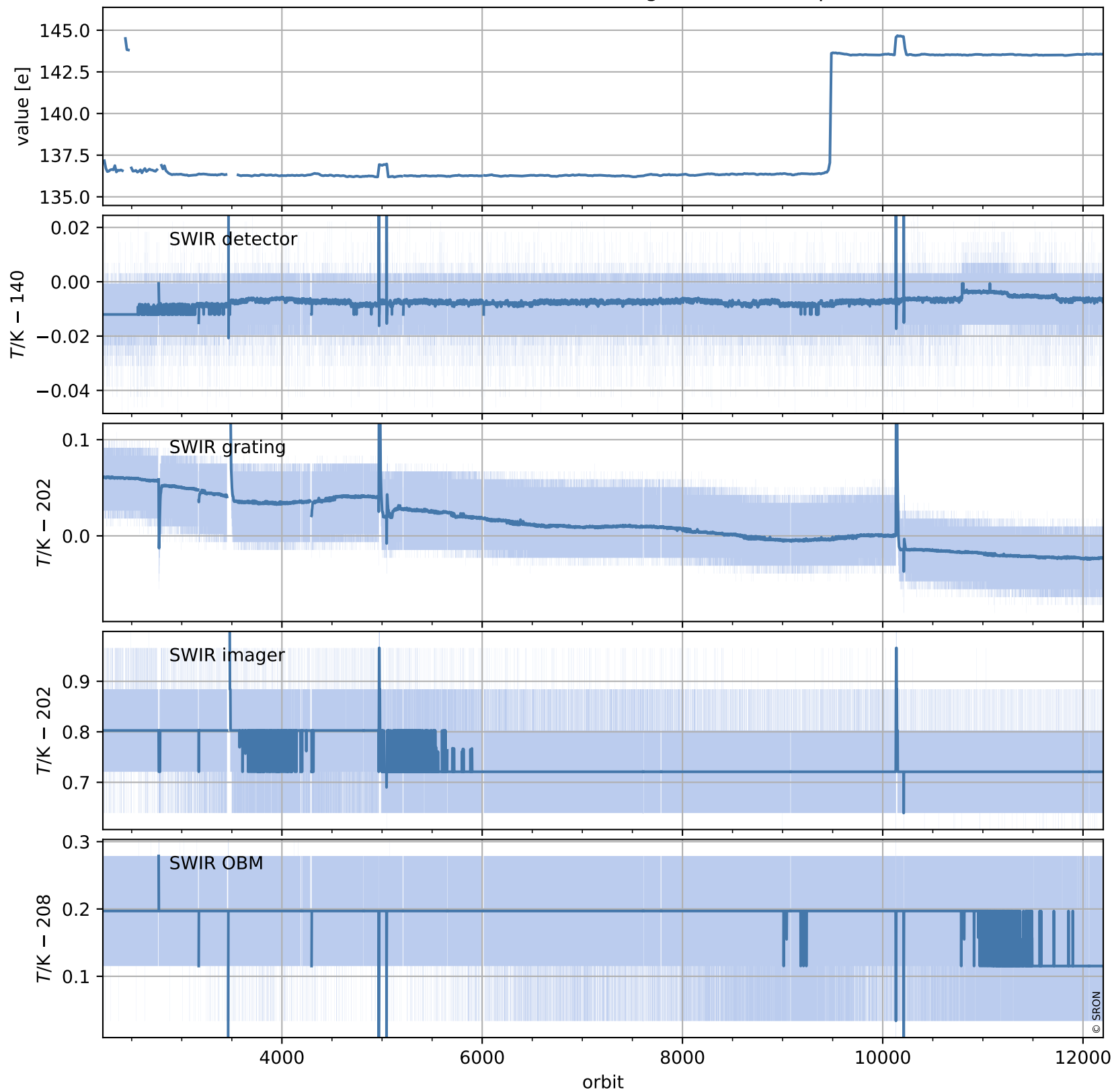
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12202]
coverage : 2018-03-18 / 2020-02-20
created : 2023-08-21T15:24:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12202]
coverage : 2018-03-18 / 2020-02-20
created : 2023-08-21T15:24:30

trend of normalized read-noise & temperatures

