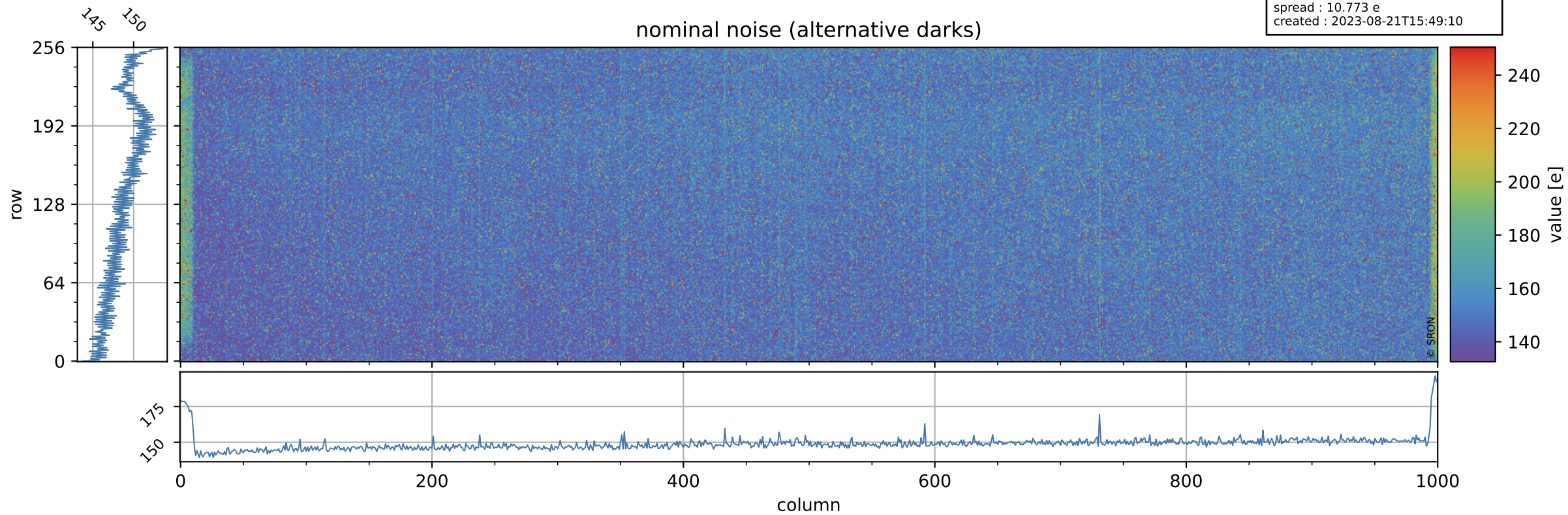


Tropomi SWIR background noise (swir)

orbits : 12 in [16612, 16702]
coverage : 2020-12-27 / 2021-01-02
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.773 e
created : 2023-08-21T15:49:10

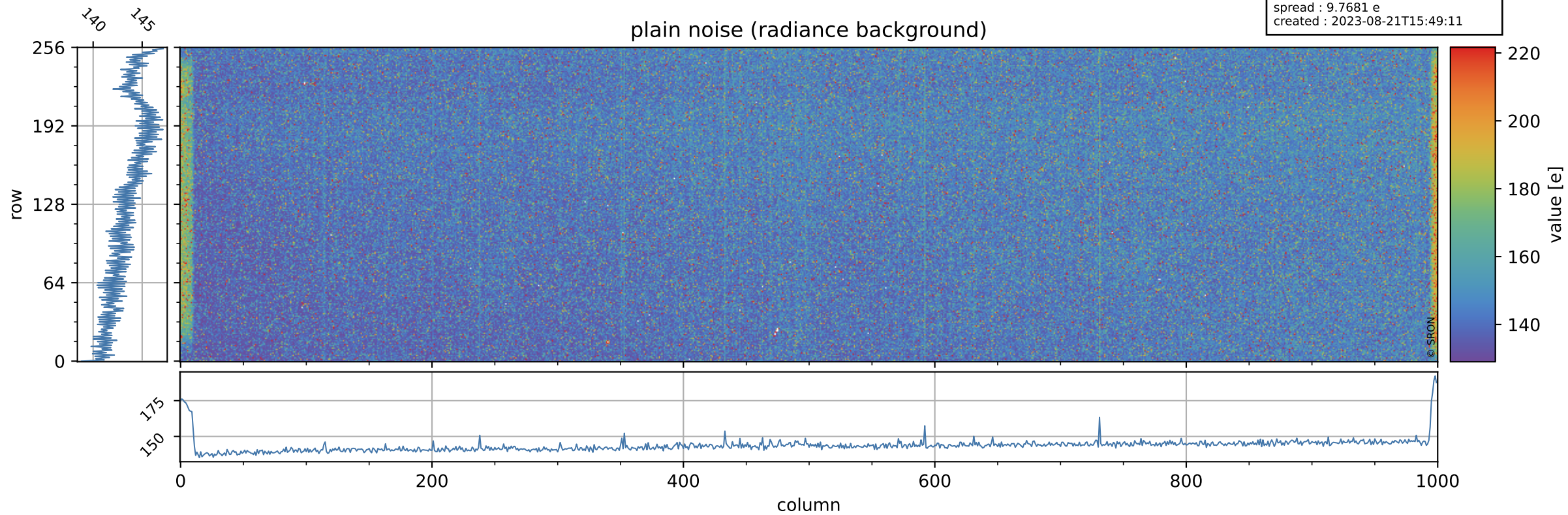
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16612, 16702]
coverage : 2020-12-27 / 2021-01-02
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.7681 e
created : 2023-08-21T15:49:11

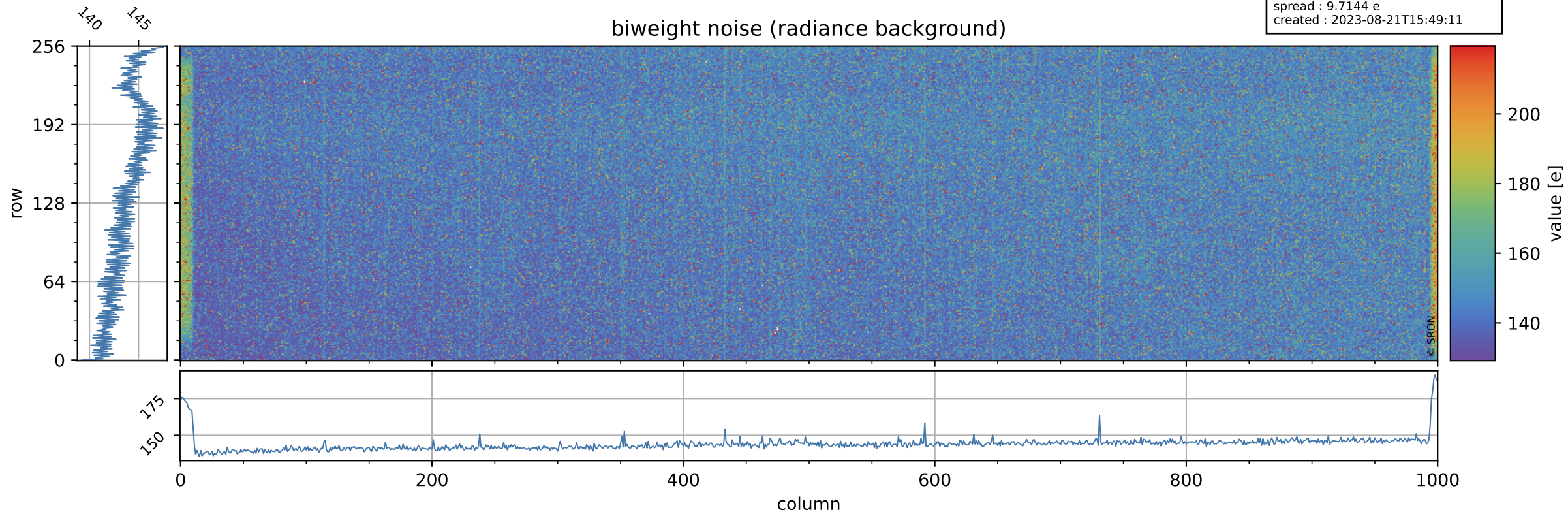
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16612, 16702]
coverage : 2020-12-27 / 2021-01-02
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7144 e
created : 2023-08-21T15:49:11

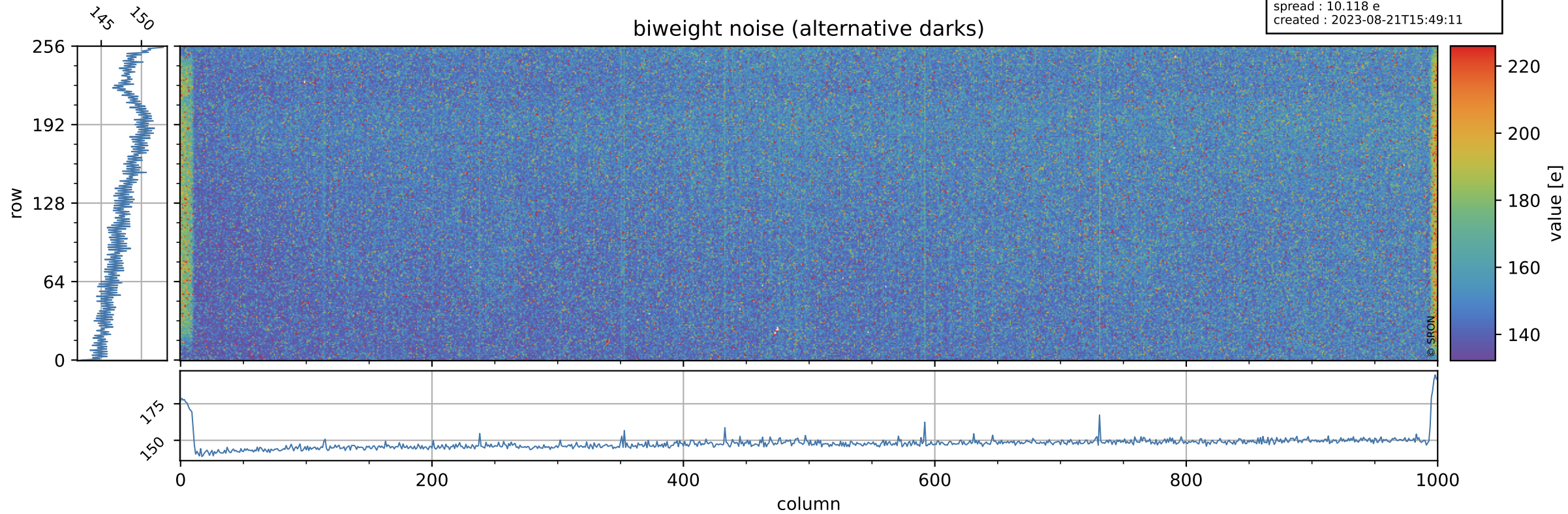
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16612, 16702]
coverage : 2020-12-27 / 2021-01-02
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.118 e
created : 2023-08-21T15:49:11

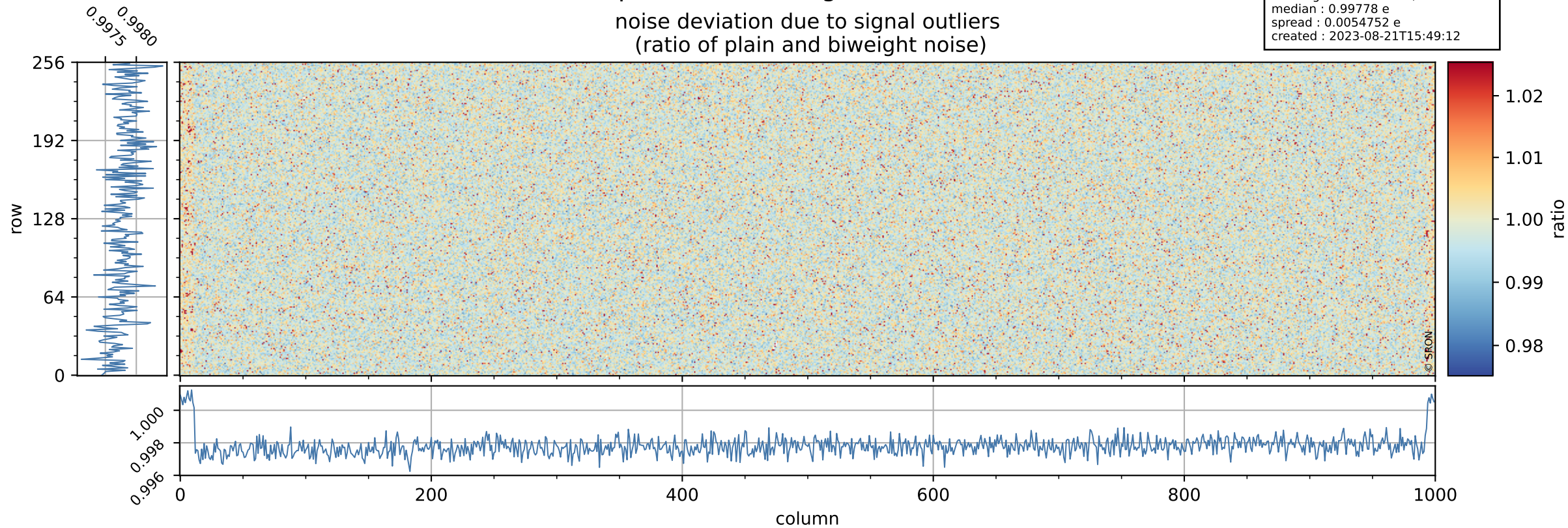
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

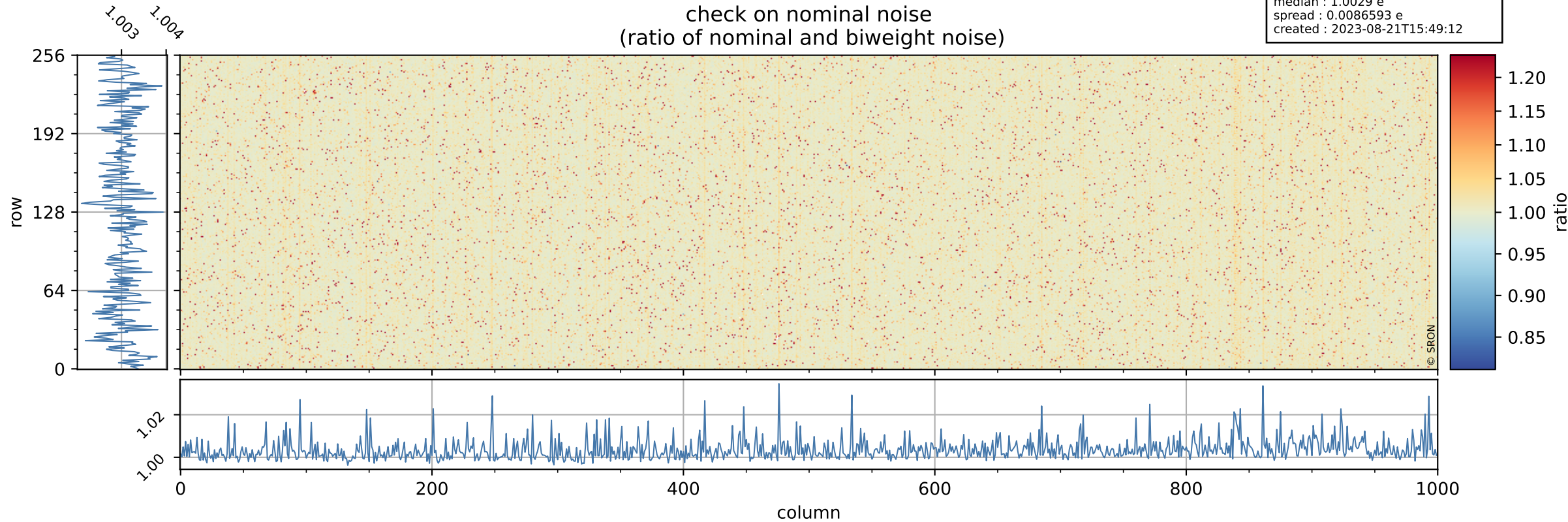
orbits : 12 in [16612, 16702]
coverage : 2020-12-27 / 2021-01-02
median : 0.99778 e
spread : 0.0054752 e
created : 2023-08-21T15:49:12



Tropomi SWIR background noise (swir)

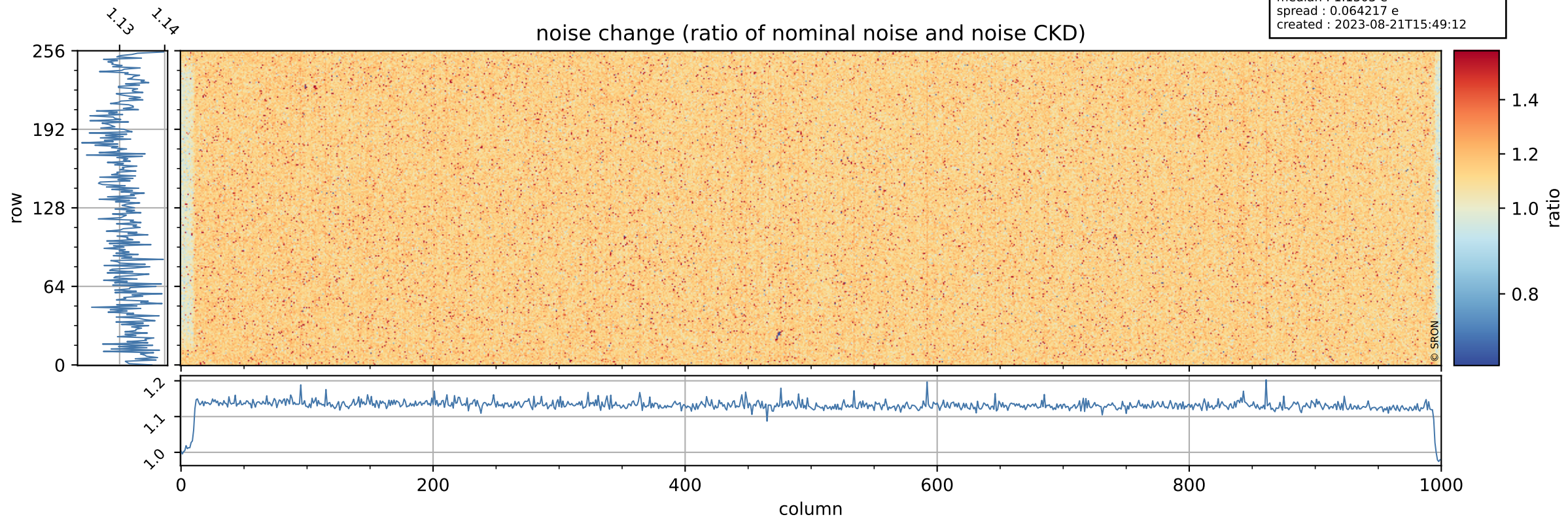
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16612, 16702]
coverage : 2020-12-27 / 2021-01-02
median : 1.0029 e
spread : 0.0086593 e
created : 2023-08-21T15:49:12



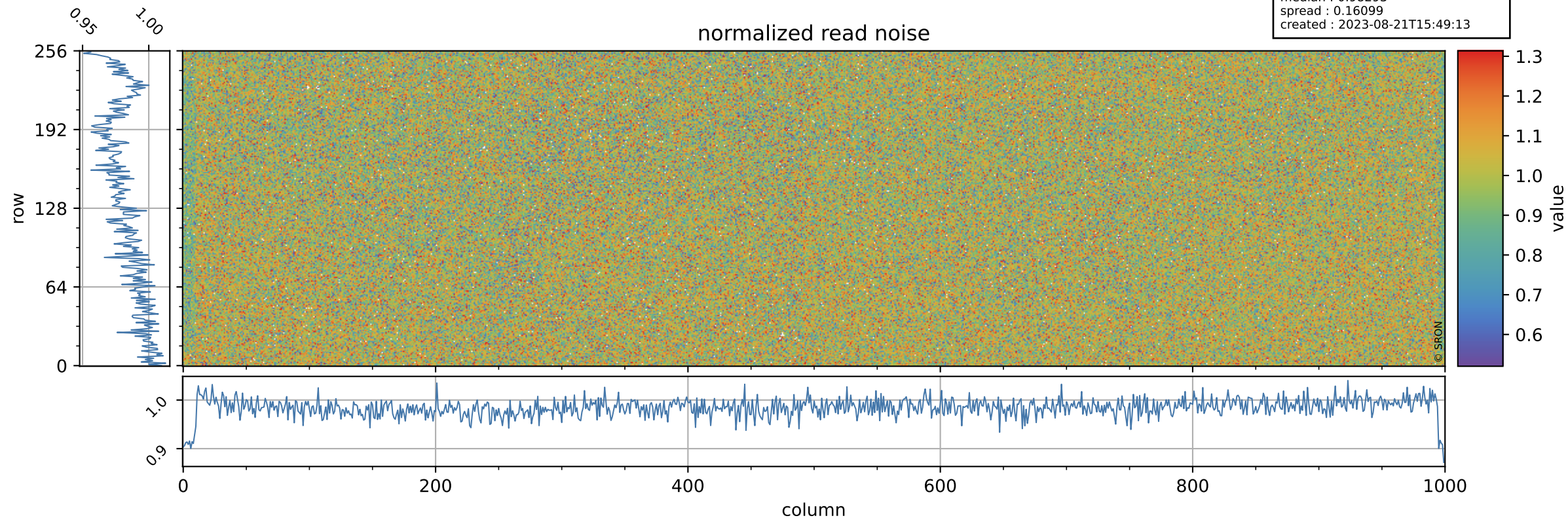
Tropomi SWIR background noise (swir)

orbits : 12 in [16612, 16702]
coverage : 2020-12-27 / 2021-01-02
median : 1.1303 e
spread : 0.064217 e
created : 2023-08-21T15:49:12



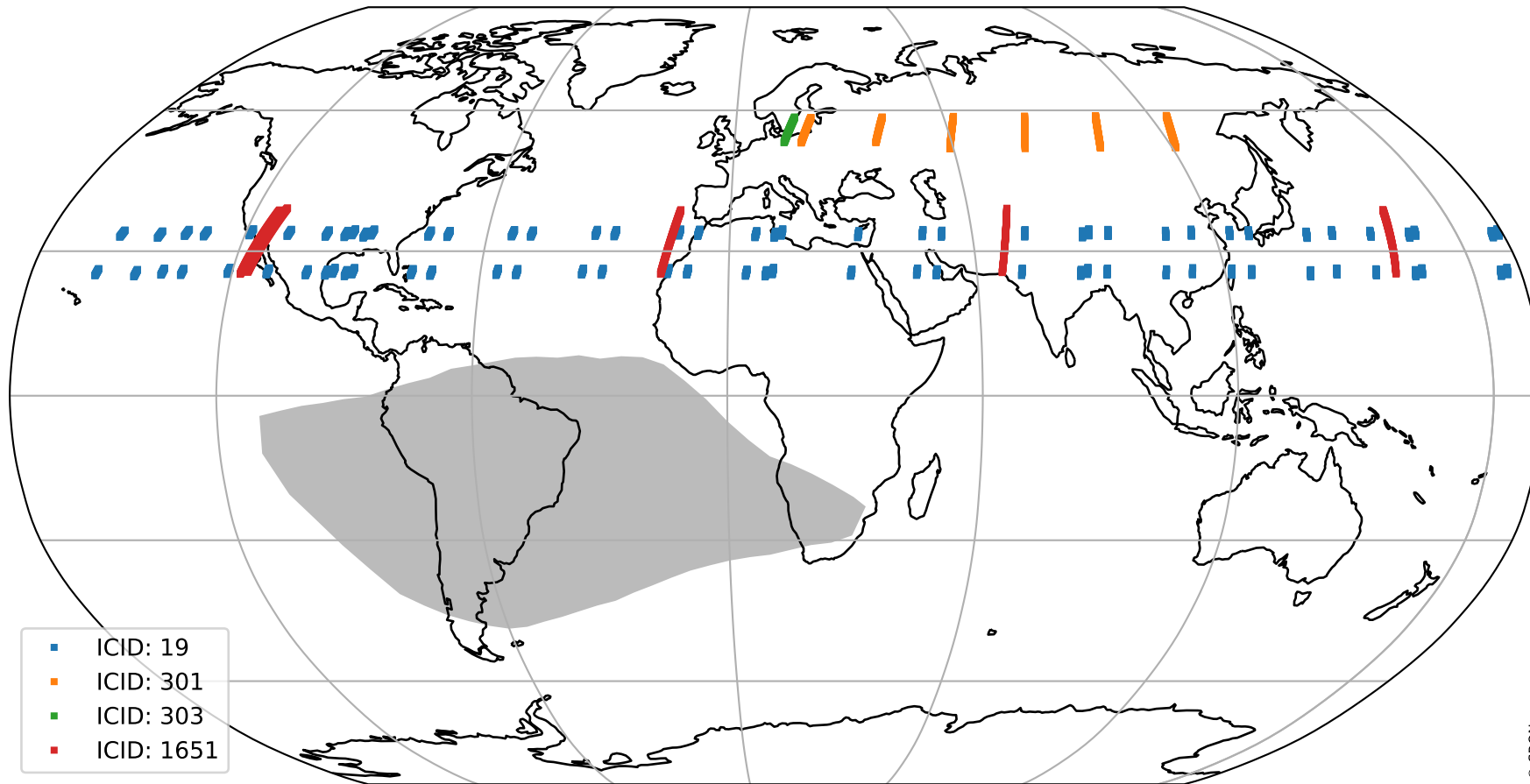
Tropomi SWIR background noise (swir)

orbits : 12 in [16612, 16702]
coverage : 2020-12-27 / 2021-01-02
median : 0.98293
spread : 0.16099
created : 2023-08-21T15:49:13



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

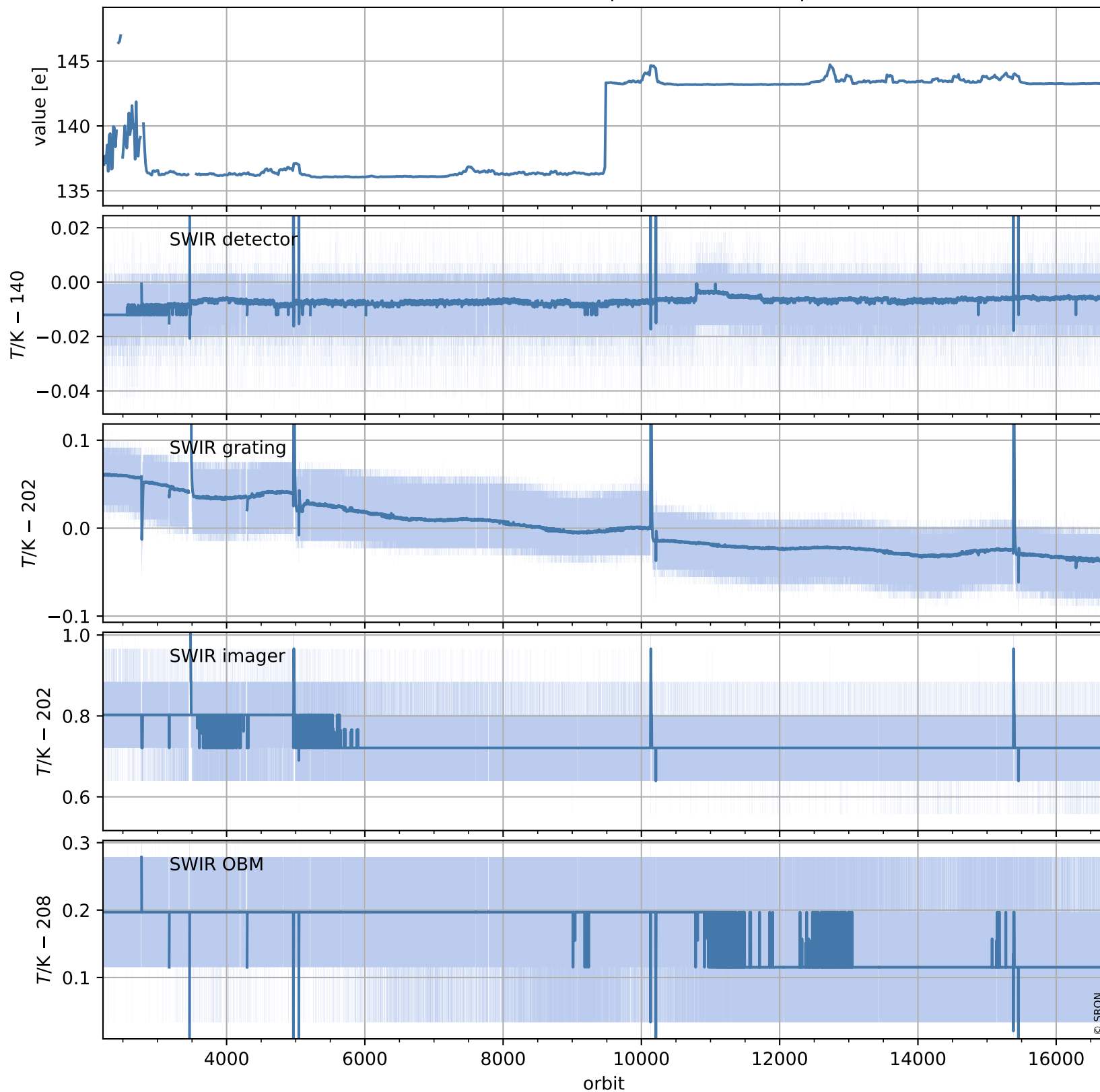
orbits : 12 in [16612, 16702]
coverage : 2020-12-27 / 2021-01-02
created : 2023-08-21T15:49:13



Tropomi SWIR background noise (swir)

orbits : [2212, 16702]
coverage : 2018-03-18 / 2021-01-02
created : 2023-08-21T15:49:13

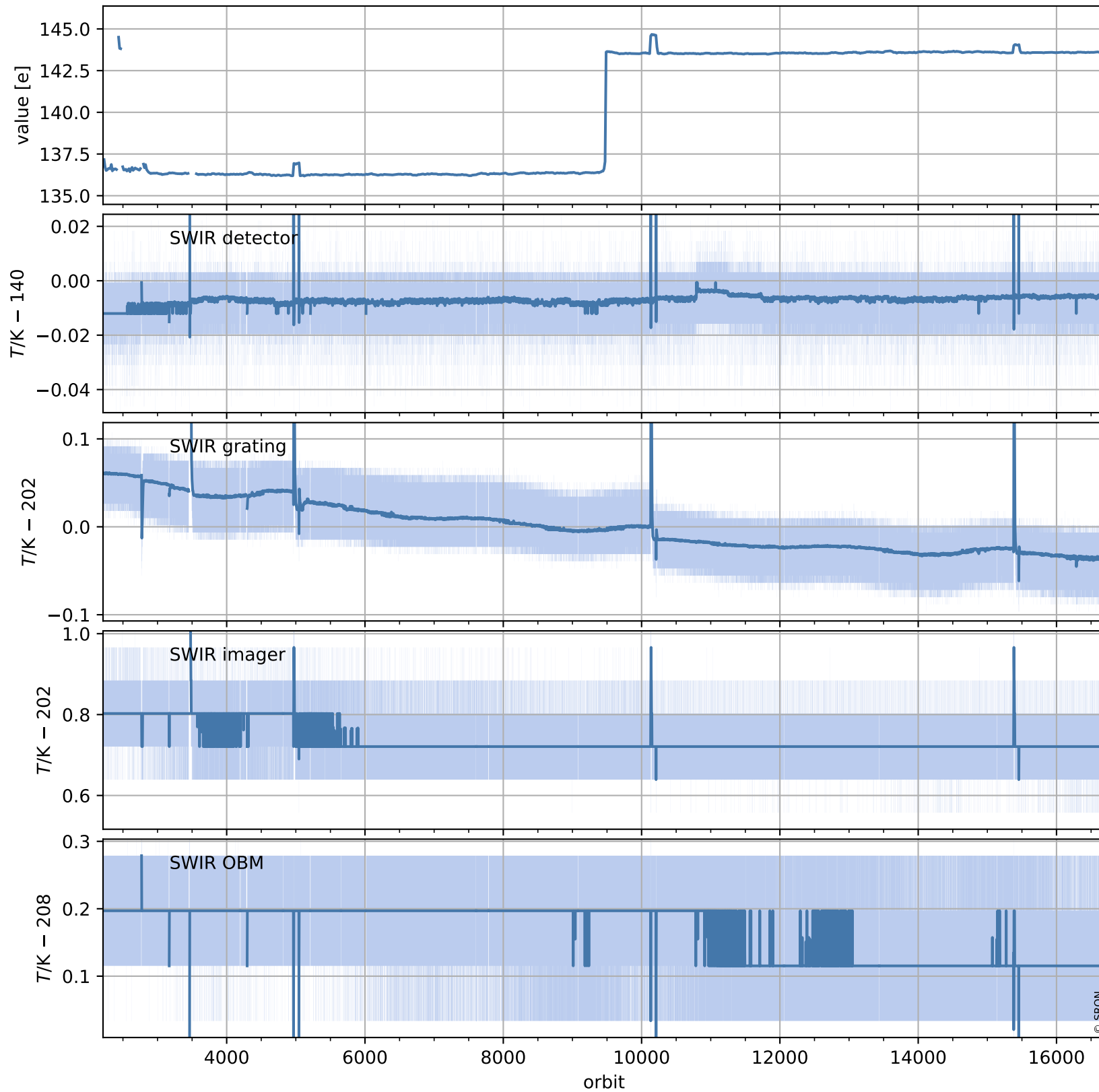
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16702]
coverage : 2018-03-18 / 2021-01-02
created : 2023-08-21T15:49:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16702]
coverage : 2018-03-18 / 2021-01-02
created : 2023-08-21T15:49:15

trend of normalized read-noise & temperatures

