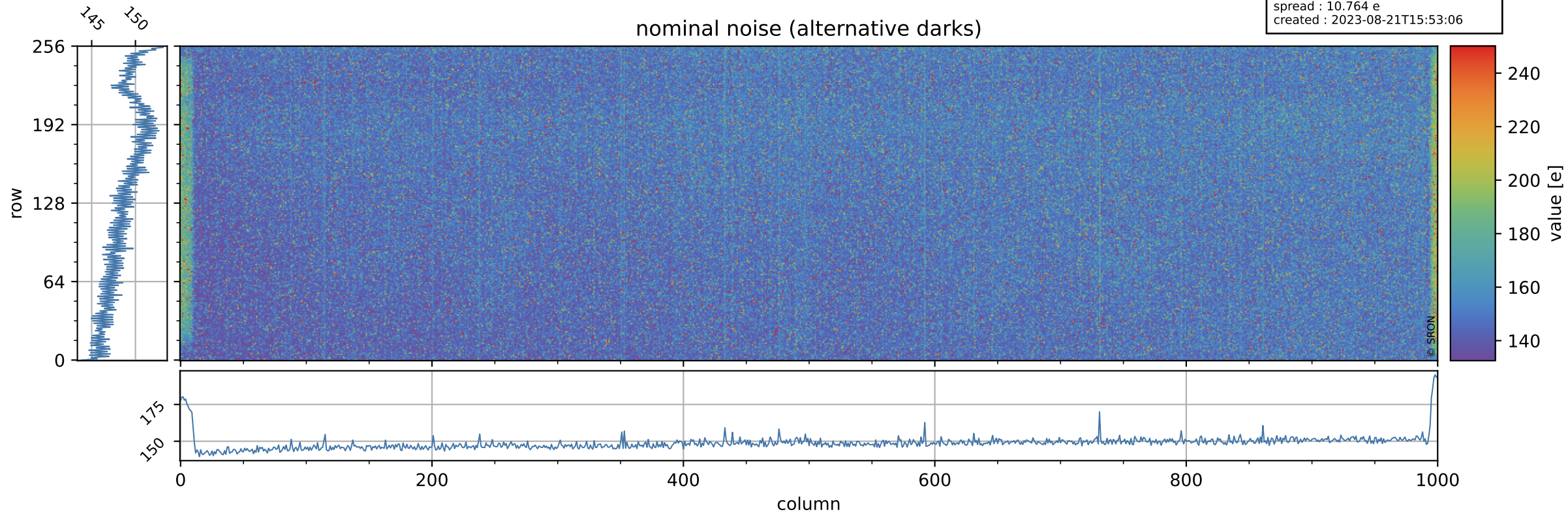


Tropomi SWIR background noise (swir)

orbits : 12 in [17302, 17377]
coverage : 2021-02-13 / 2021-02-18
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.764 e
created : 2023-08-21T15:53:06

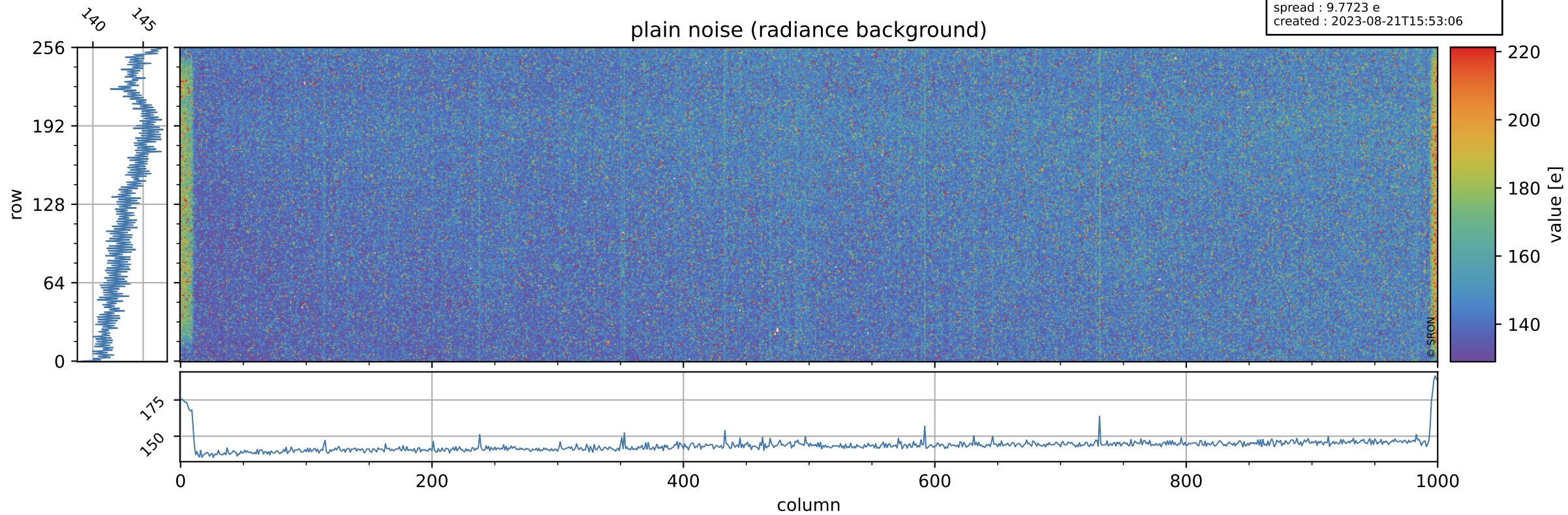
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17302, 17377]
coverage : 2021-02-13 / 2021-02-18
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7723 e
created : 2023-08-21T15:53:06

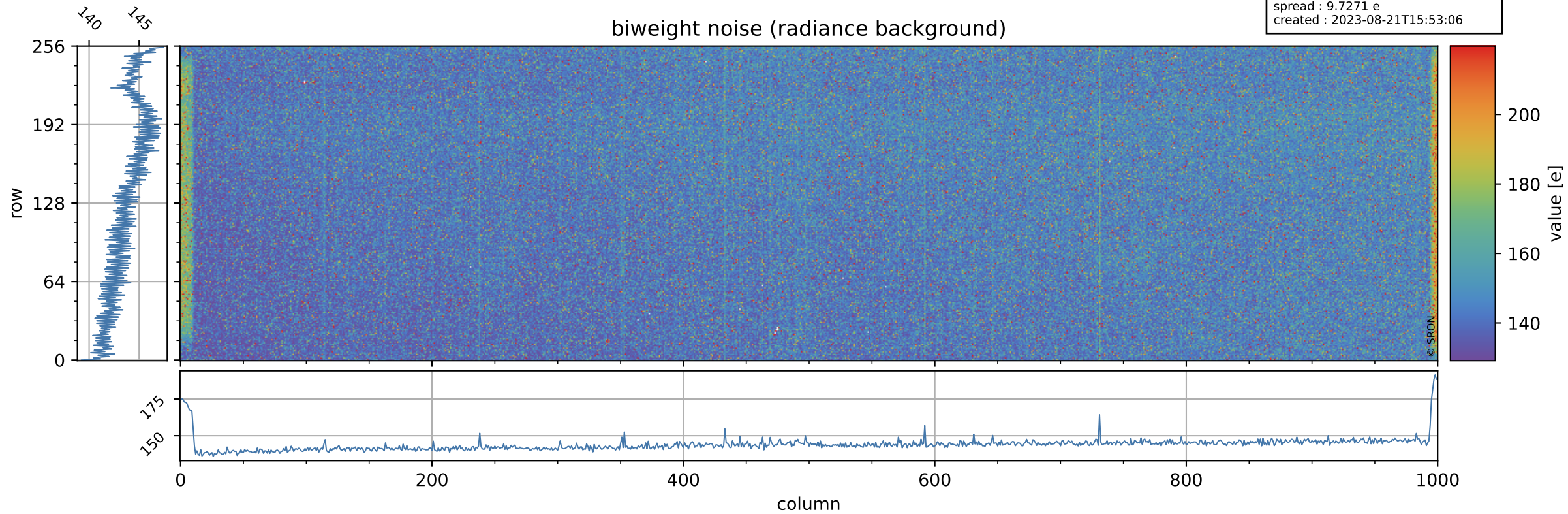
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17302, 17377]
coverage : 2021-02-13 / 2021-02-18
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.7271 e
created : 2023-08-21T15:53:06

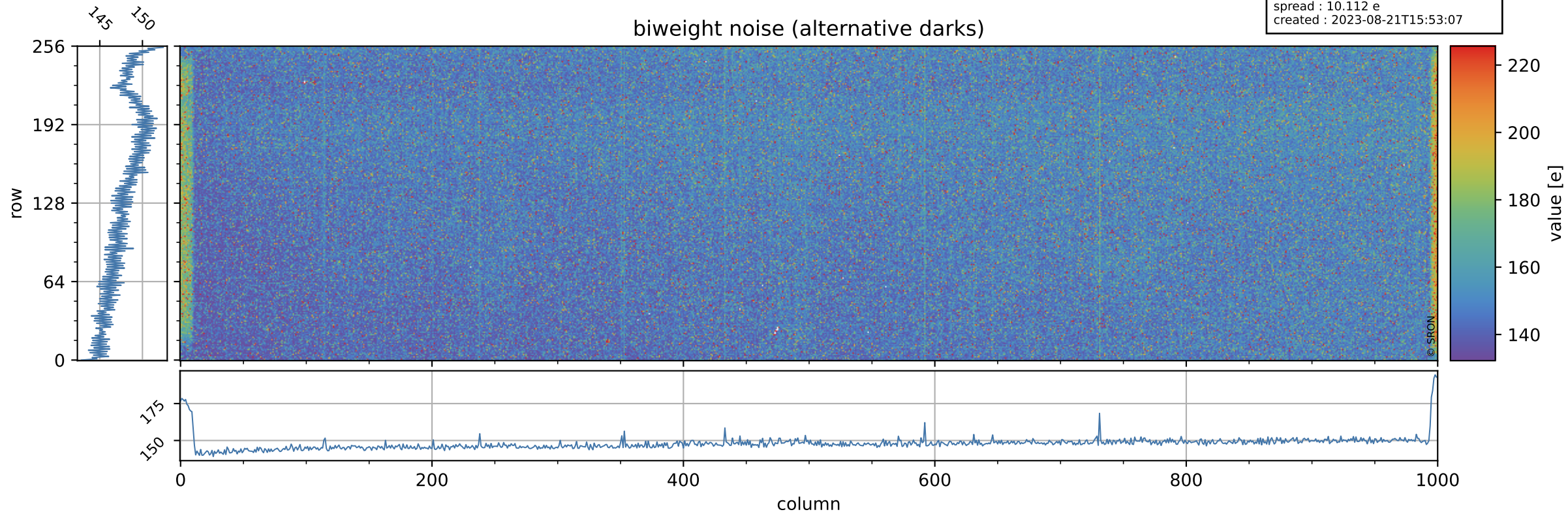
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17302, 17377]
coverage : 2021-02-13 / 2021-02-18
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.112 e
created : 2023-08-21T15:53:07

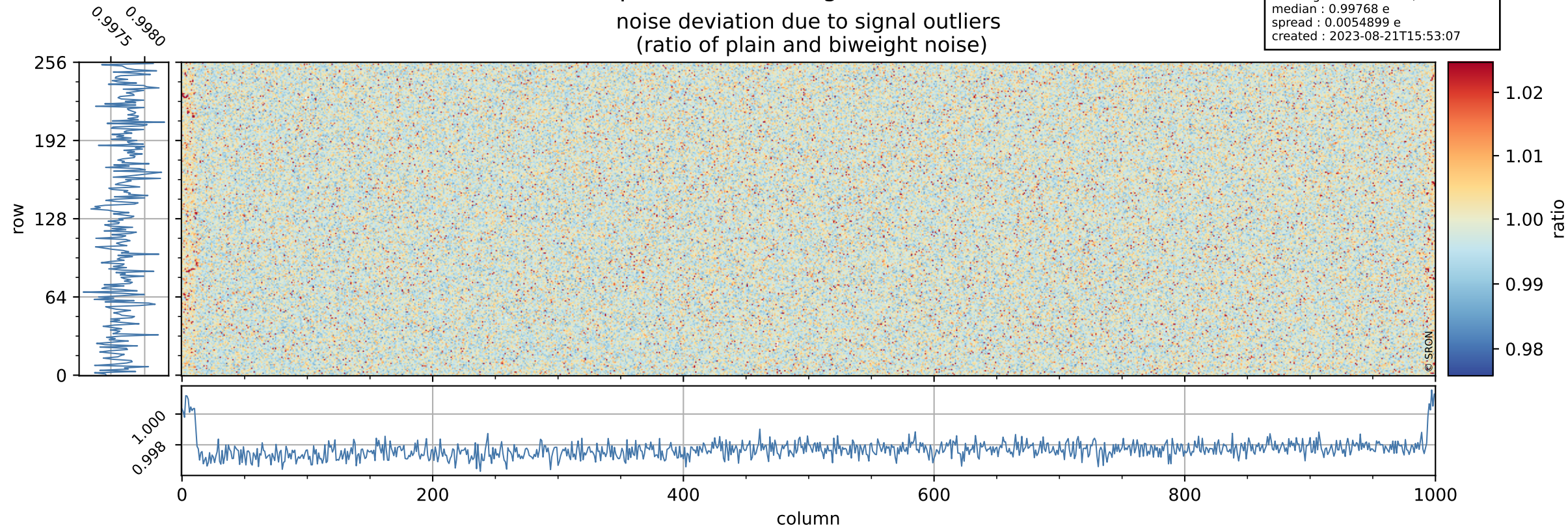
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

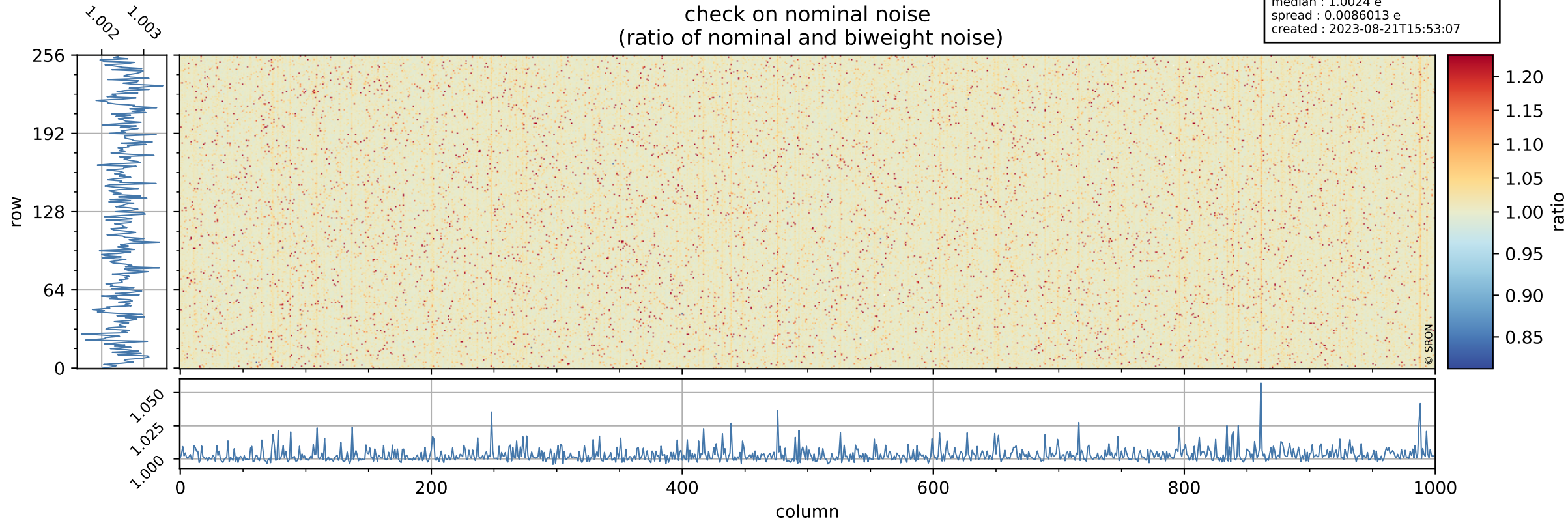
orbits : 12 in [17302, 17377]
coverage : 2021-02-13 / 2021-02-18
median : 0.99768 e
spread : 0.0054899 e
created : 2023-08-21T15:53:07



Tropomi SWIR background noise (swir)

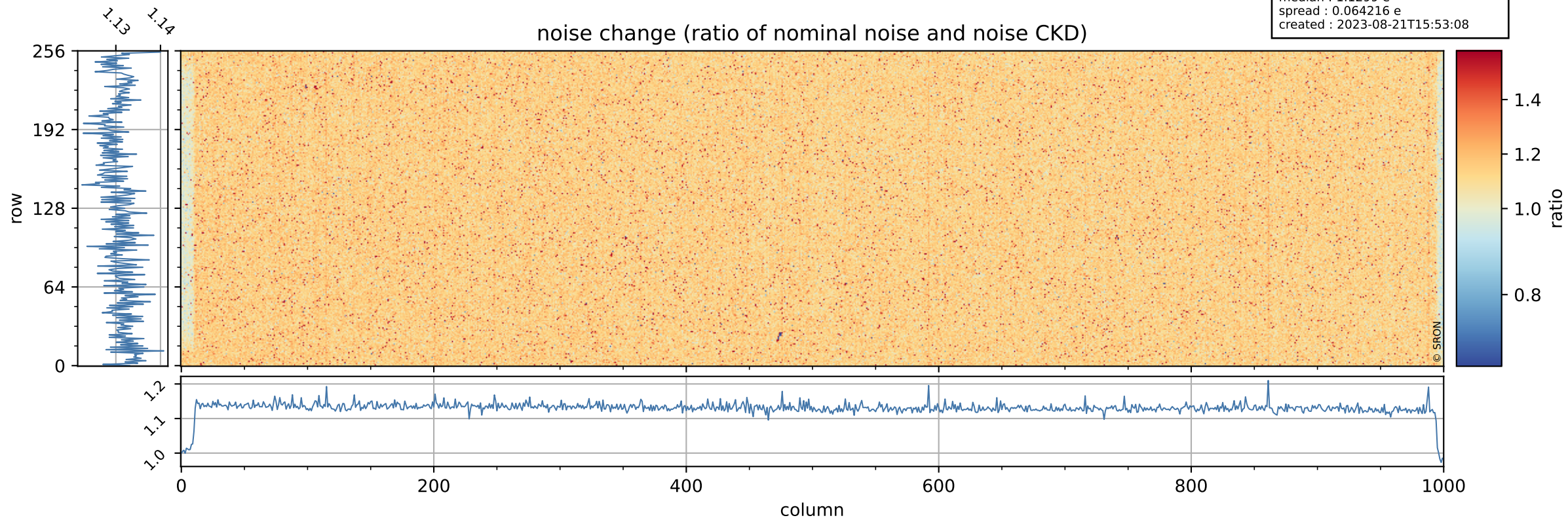
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17302, 17377]
coverage : 2021-02-13 / 2021-02-18
median : 1.0024 e
spread : 0.0086013 e
created : 2023-08-21T15:53:07



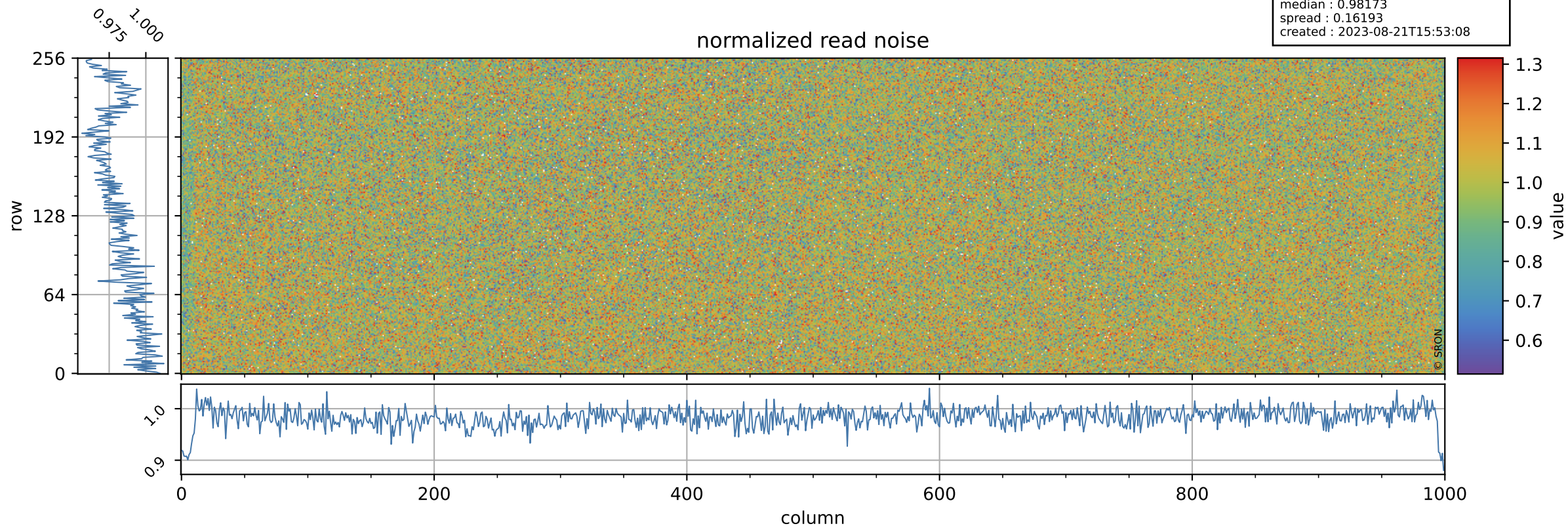
Tropomi SWIR background noise (swir)

orbits : 12 in [17302, 17377]
coverage : 2021-02-13 / 2021-02-18
median : 1.1299 e
spread : 0.064216 e
created : 2023-08-21T15:53:08



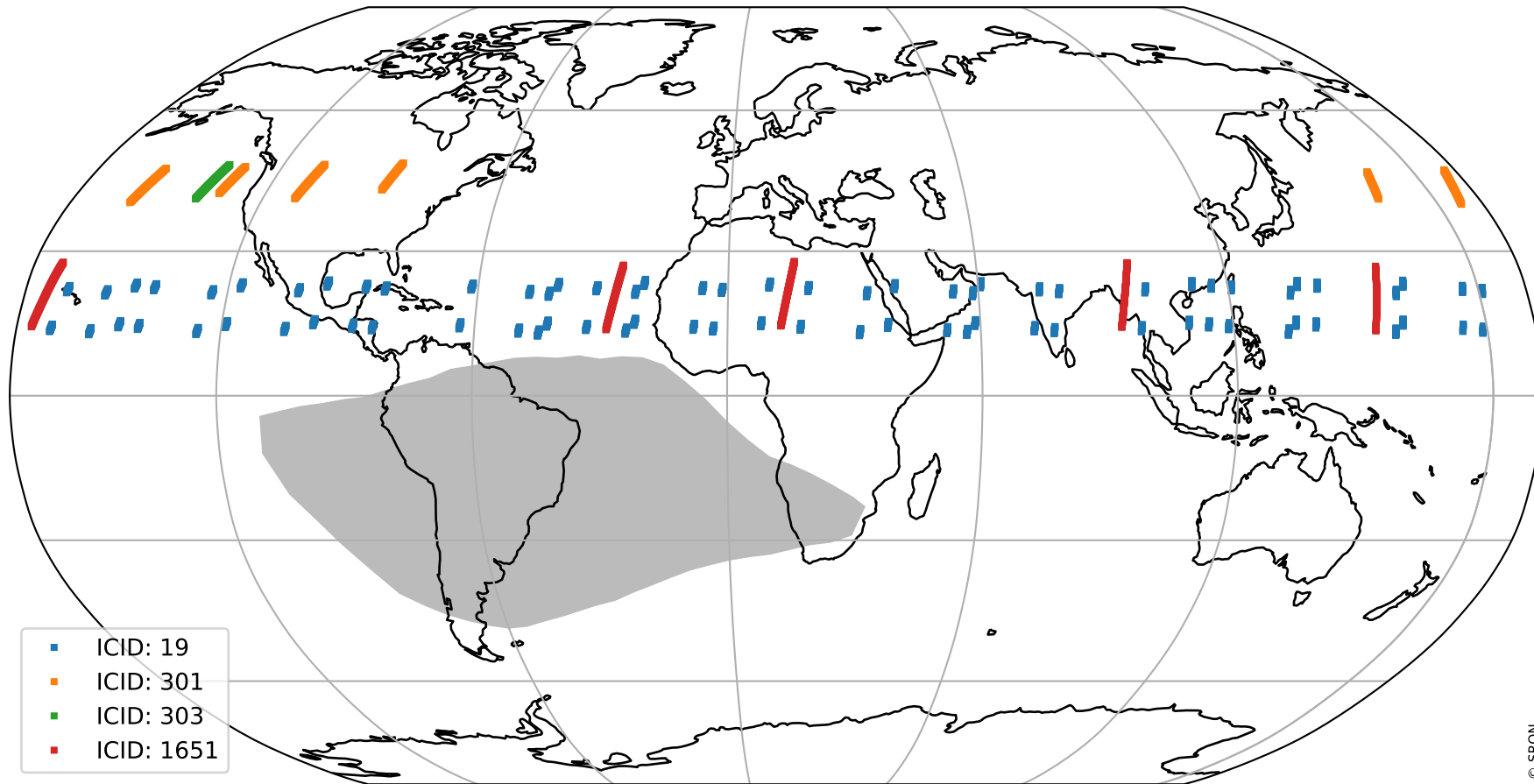
Tropomi SWIR background noise (swir)

orbits : 12 in [17302, 17377]
coverage : 2021-02-13 / 2021-02-18
median : 0.98173
spread : 0.16193
created : 2023-08-21T15:53:08



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

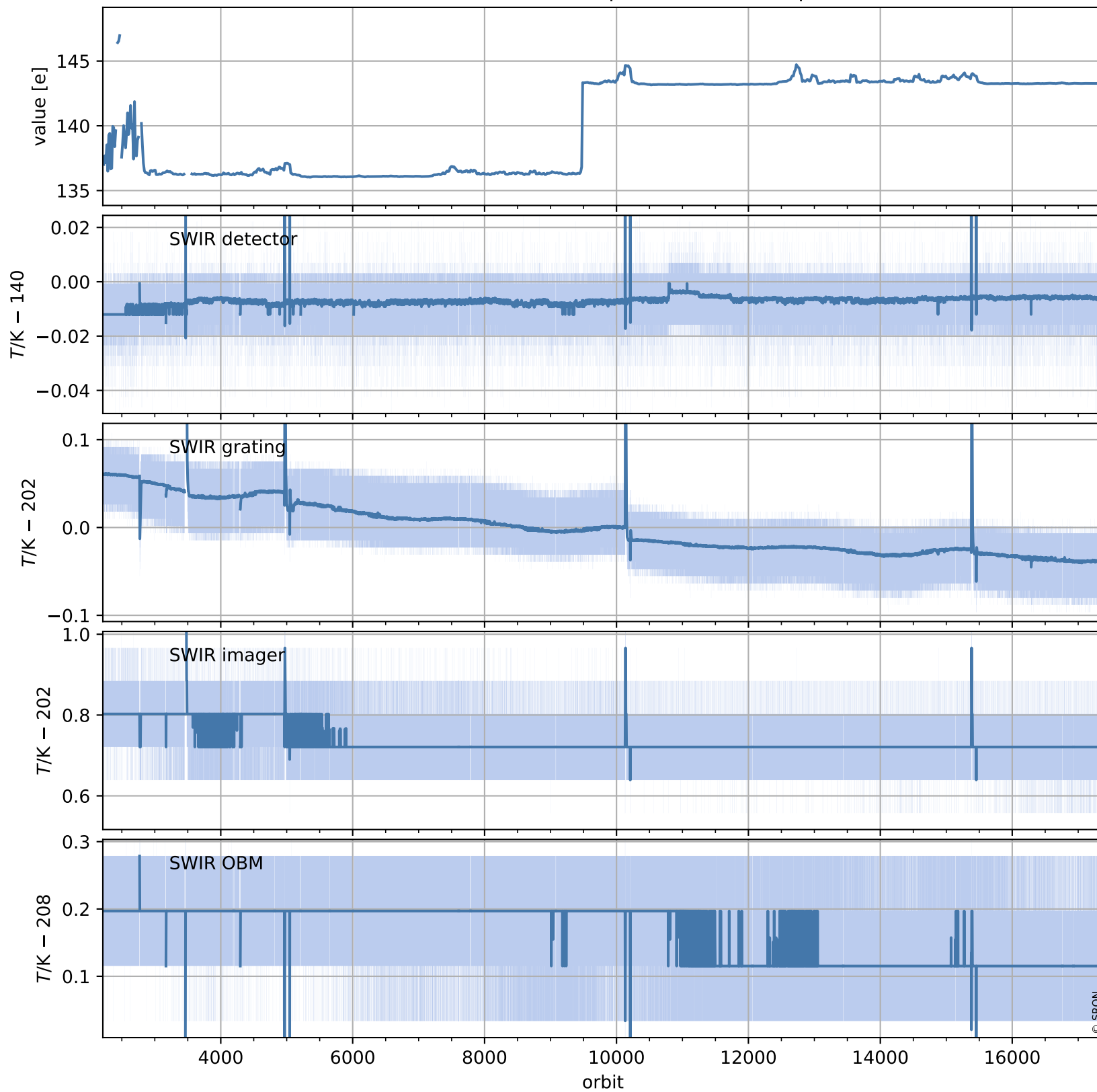
orbits : 12 in [17302, 17377]
coverage : 2021-02-13 / 2021-02-18
created : 2023-08-21T15:53:08



Tropomi SWIR background noise (swir)

orbits : [2212, 17377]
coverage : 2018-03-18 / 2021-02-18
created : 2023-08-21T15:53:08

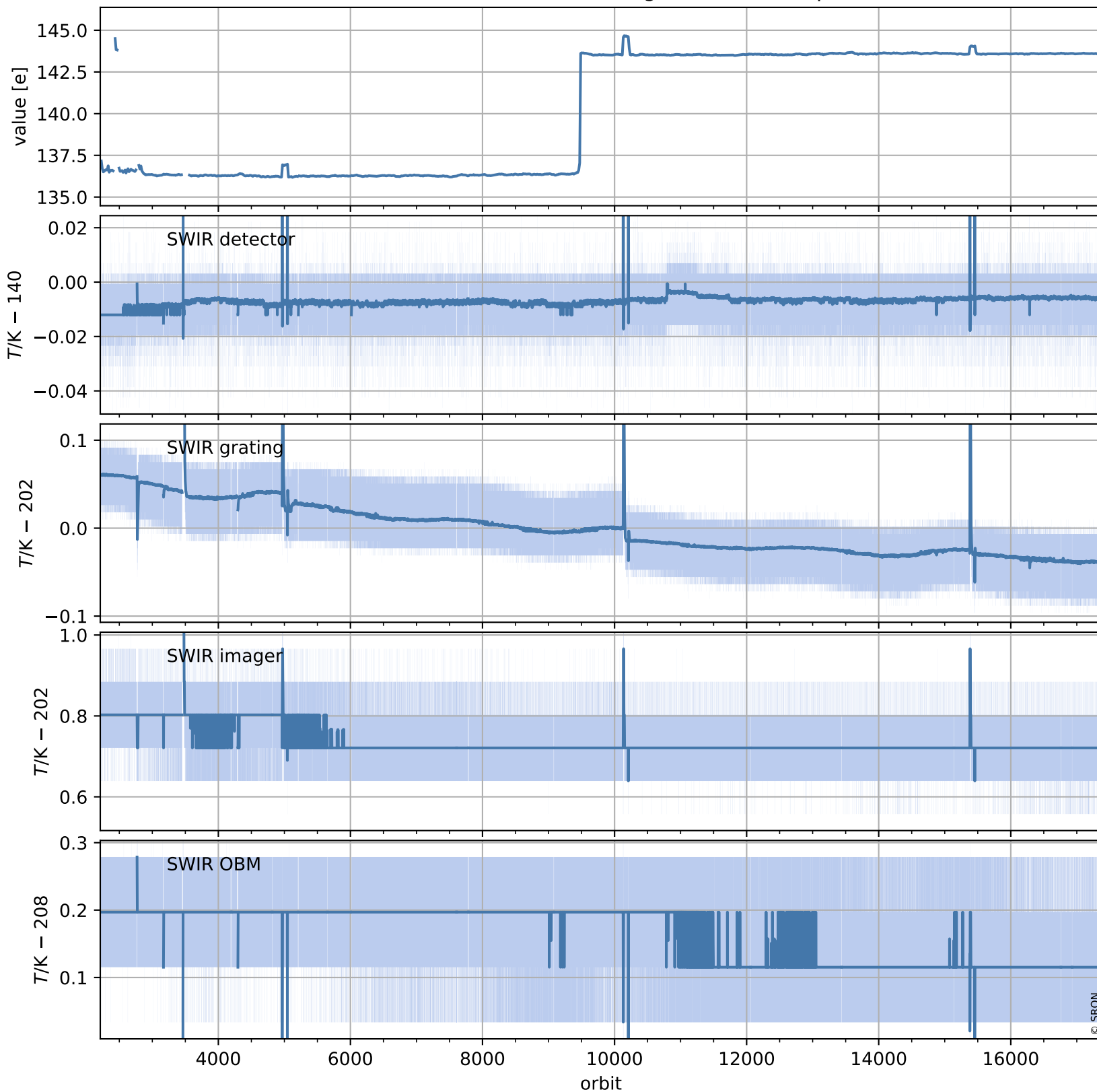
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17377]
coverage : 2018-03-18 / 2021-02-18
created : 2023-08-21T15:53:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17377]
coverage : 2018-03-18 / 2021-02-18
created : 2023-08-21T15:53:10

trend of normalized read-noise & temperatures

