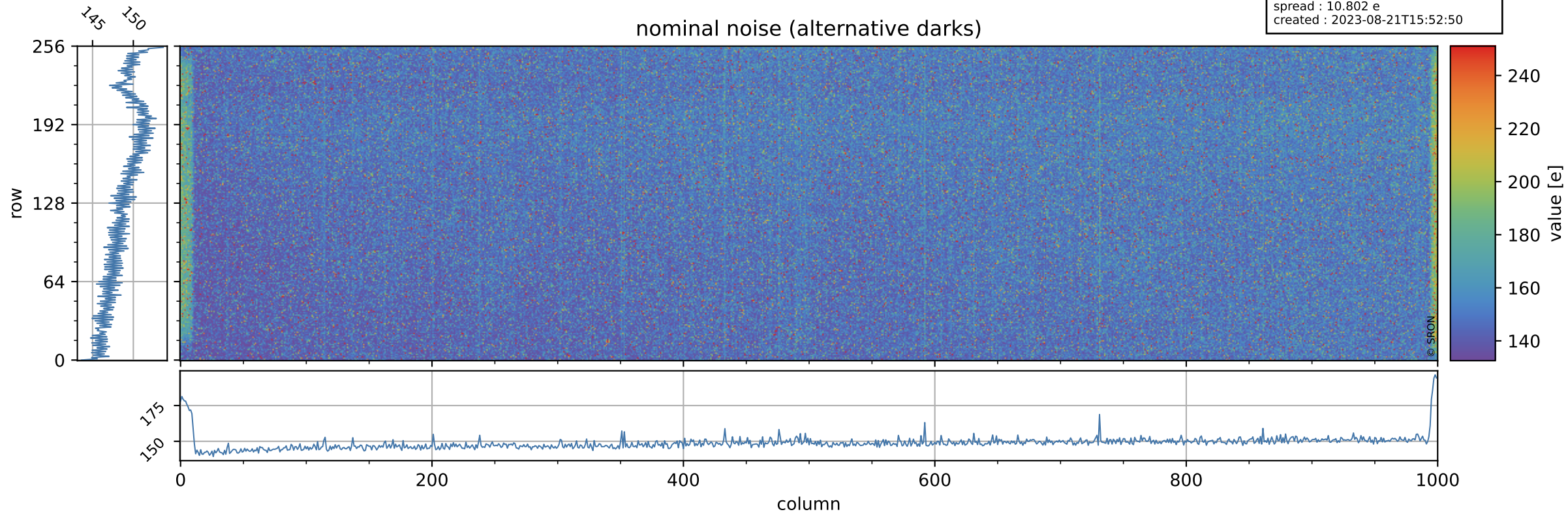


Tropomi SWIR background noise (swir)

orbits : 12 in [17242, 17332]
coverage : 2021-02-10 / 2021-02-15
n_coad, t_exp : 1, 1.0783
median : 148.67 e
spread : 10.802 e
created : 2023-08-21T15:52:50

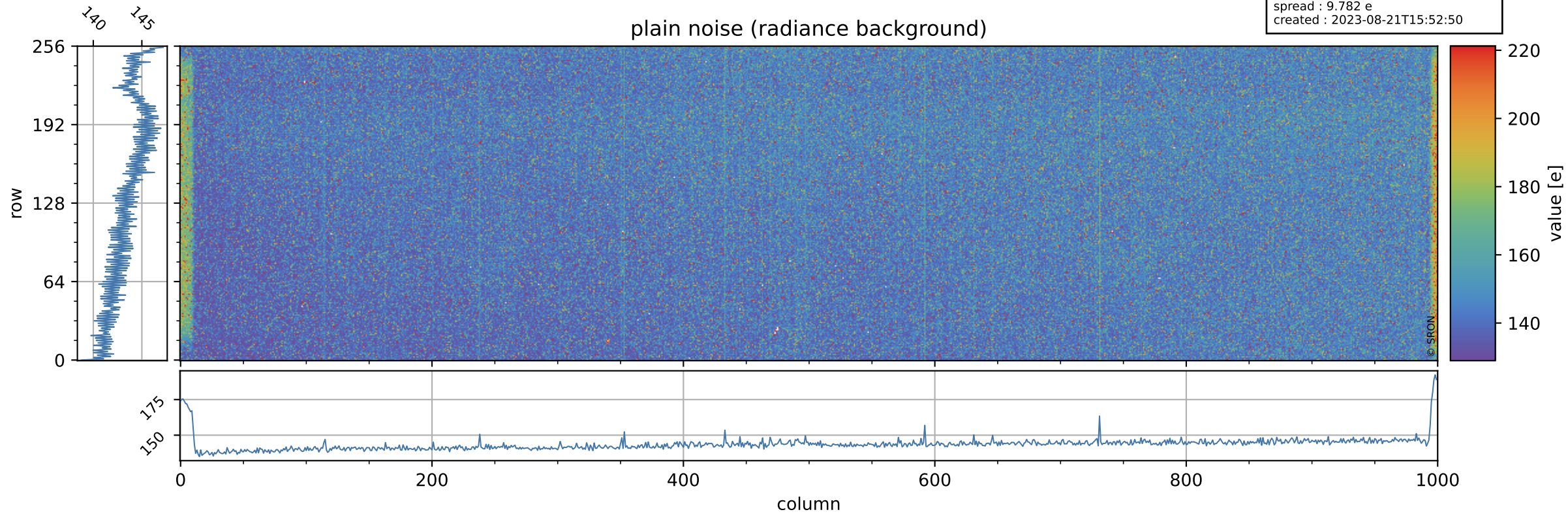
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17242, 17332]
coverage : 2021-02-10 / 2021-02-15
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.782 e
created : 2023-08-21T15:52:50

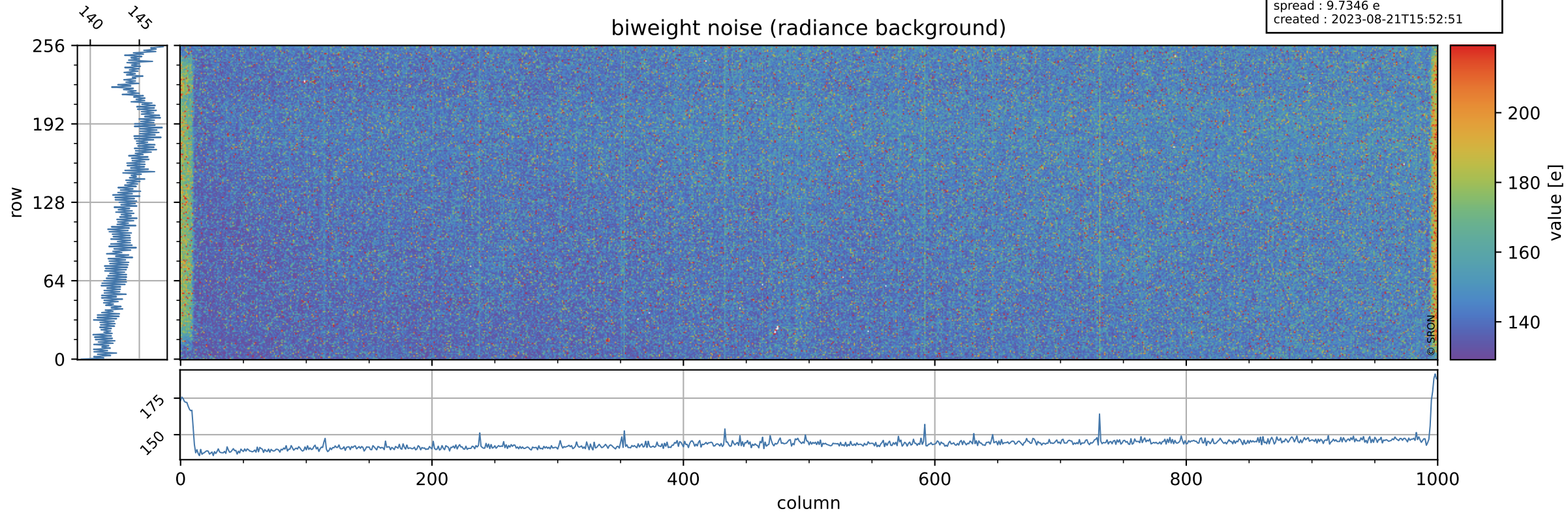
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17242, 17332]
coverage : 2021-02-10 / 2021-02-15
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.7346 e
created : 2023-08-21T15:52:51

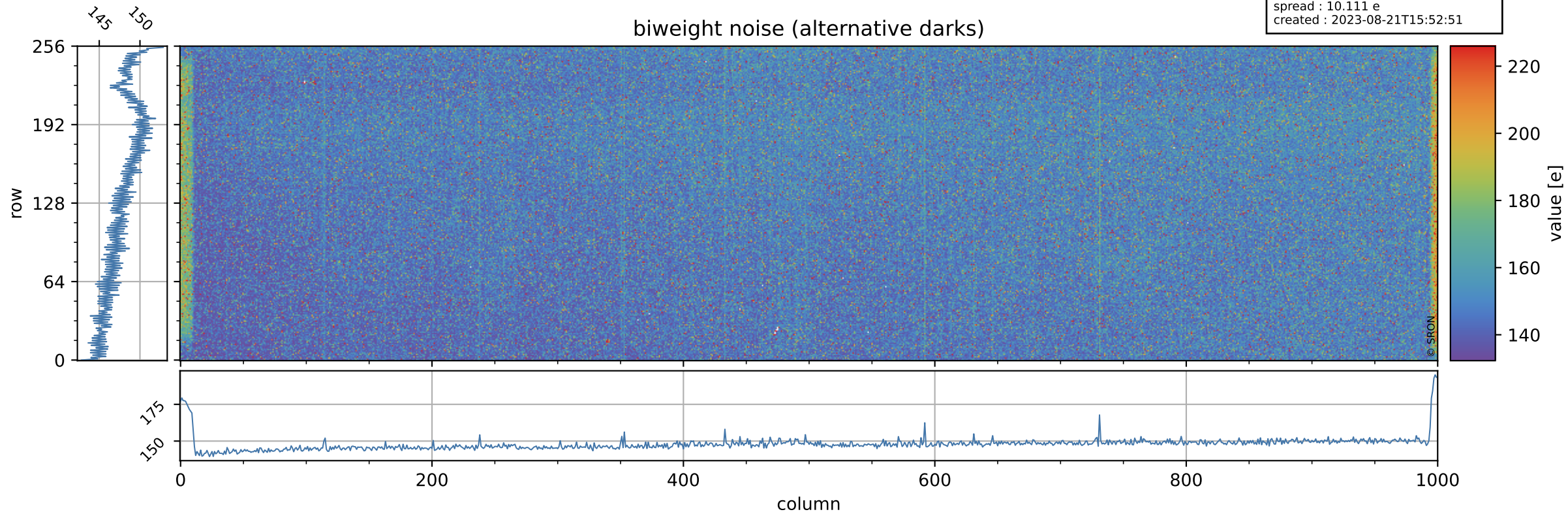
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17242, 17332]
coverage : 2021-02-10 / 2021-02-15
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.111 e
created : 2023-08-21T15:52:51

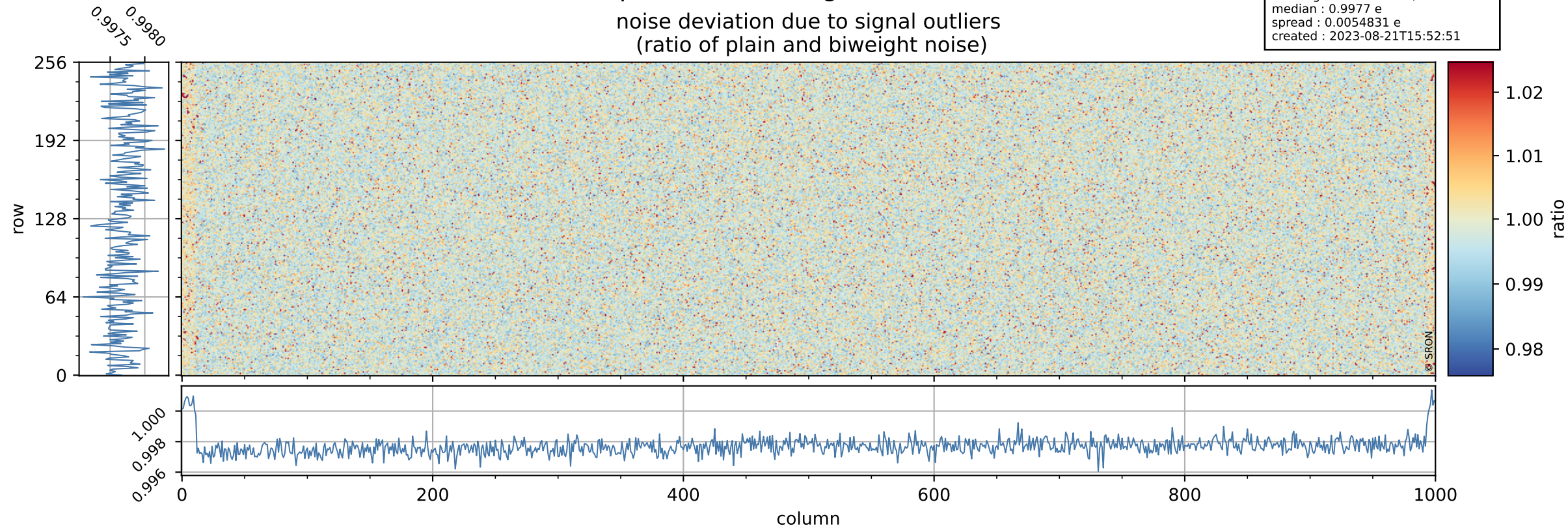
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

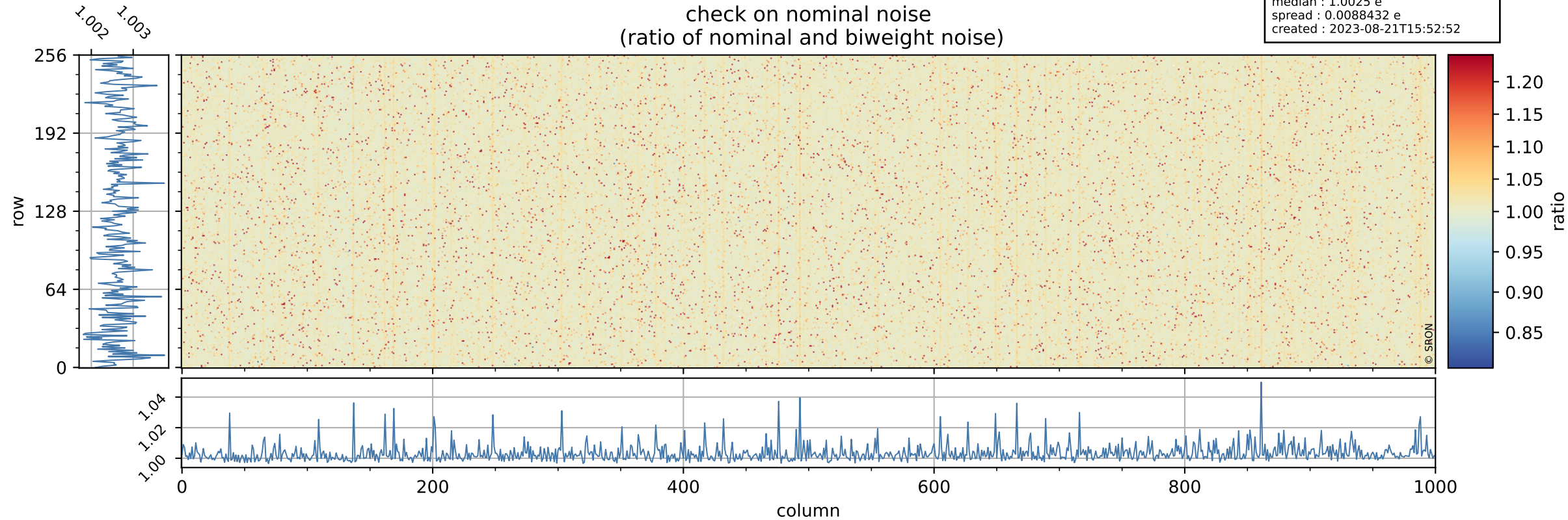
orbits : 12 in [17242, 17332]
coverage : 2021-02-10 / 2021-02-15
median : 0.9977 e
spread : 0.0054831 e
created : 2023-08-21T15:52:51



Tropomi SWIR background noise (swir)

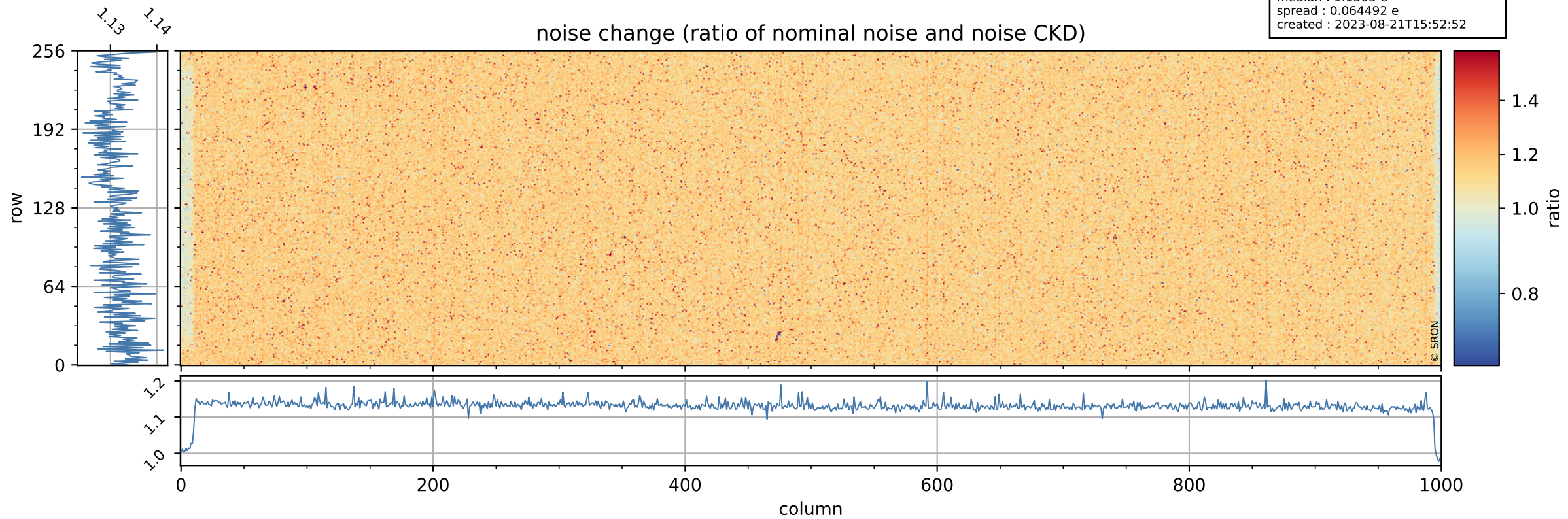
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17242, 17332]
coverage : 2021-02-10 / 2021-02-15
median : 1.0025 e
spread : 0.0088432 e
created : 2023-08-21T15:52:52



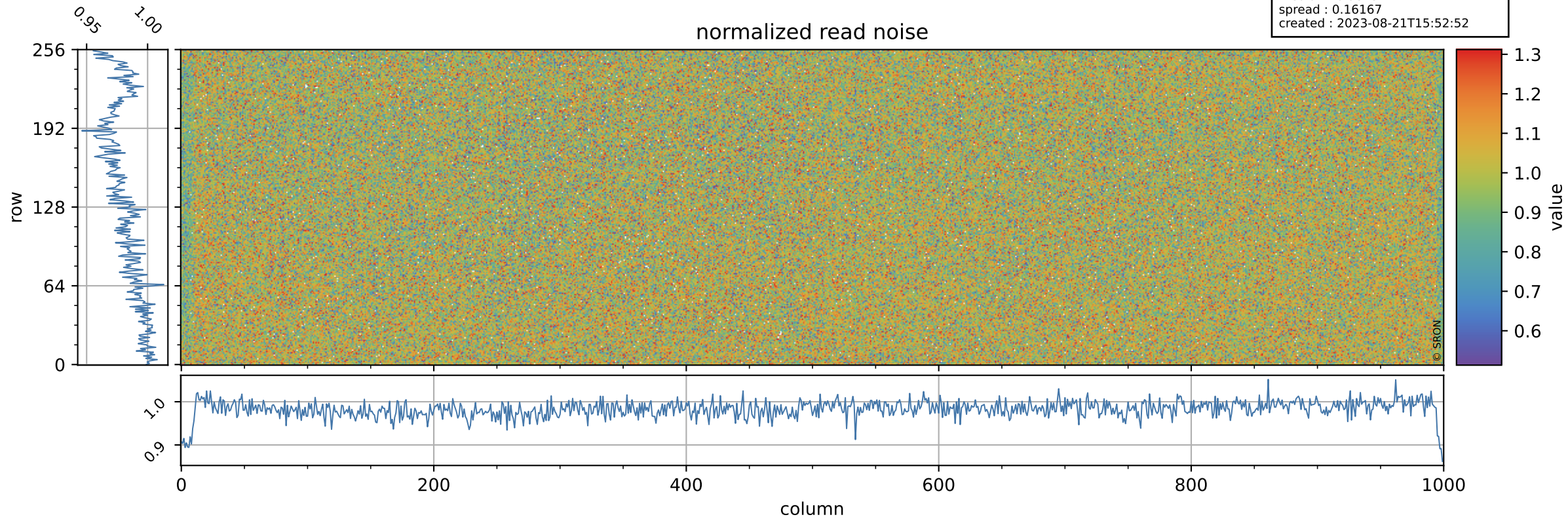
Tropomi SWIR background noise (swir)

orbits : 12 in [17242, 17332]
coverage : 2021-02-10 / 2021-02-15
median : 1.1303 e
spread : 0.064492 e
created : 2023-08-21T15:52:52



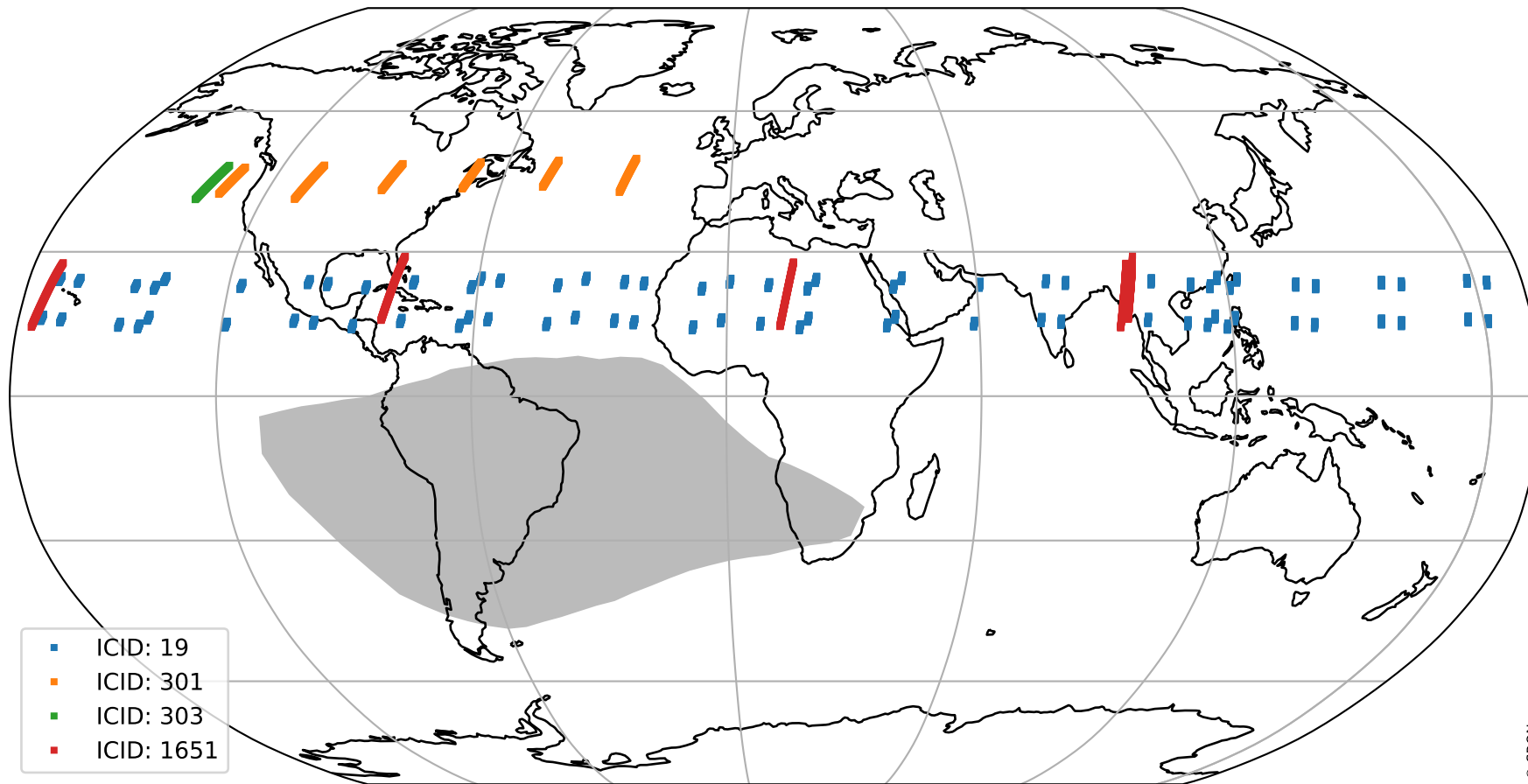
Tropomi SWIR background noise (swir)

orbits : 12 in [17242, 17332]
coverage : 2021-02-10 / 2021-02-15
median : 0.98131
spread : 0.16167
created : 2023-08-21T15:52:52



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

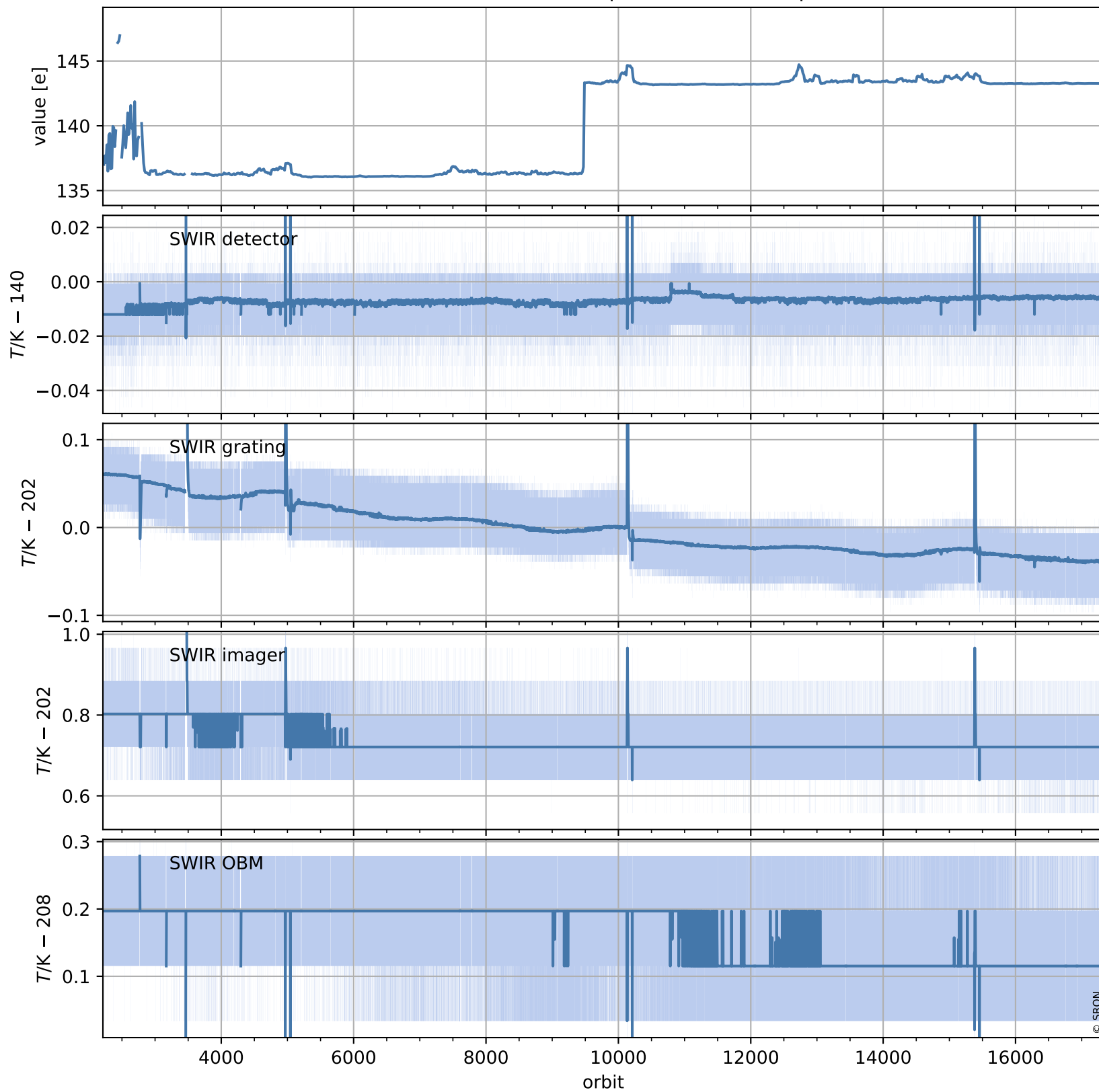
orbits : 12 in [17242, 17332]
coverage : 2021-02-10 / 2021-02-15
created : 2023-08-21T15:52:52



Tropomi SWIR background noise (swir)

orbits : [2212, 17332]
coverage : 2018-03-18 / 2021-02-15
created : 2023-08-21T15:52:53

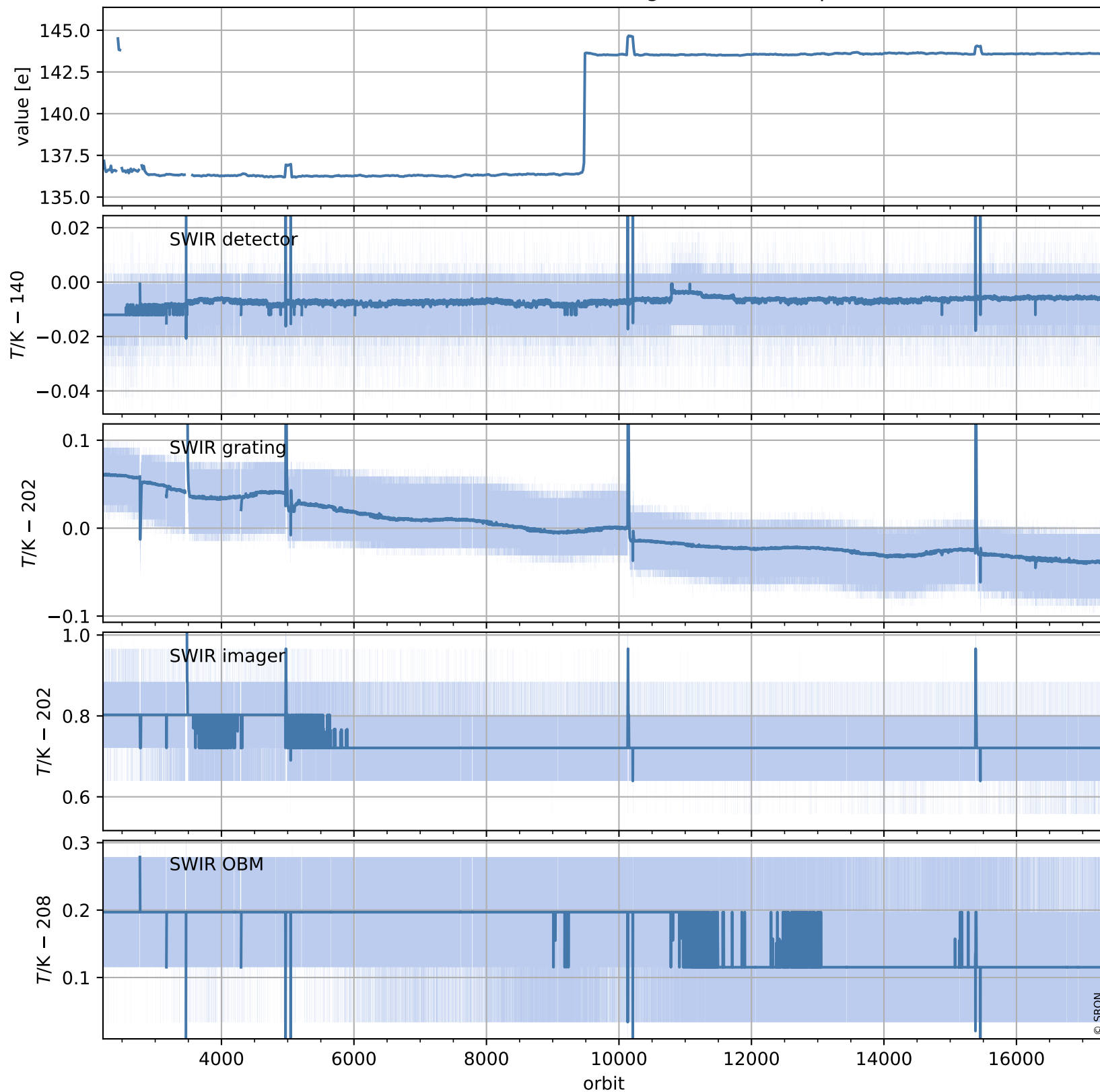
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17332]
coverage : 2018-03-18 / 2021-02-15
created : 2023-08-21T15:52:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17332]
coverage : 2018-03-18 / 2021-02-15
created : 2023-08-21T15:52:54

trend of normalized read-noise & temperatures

