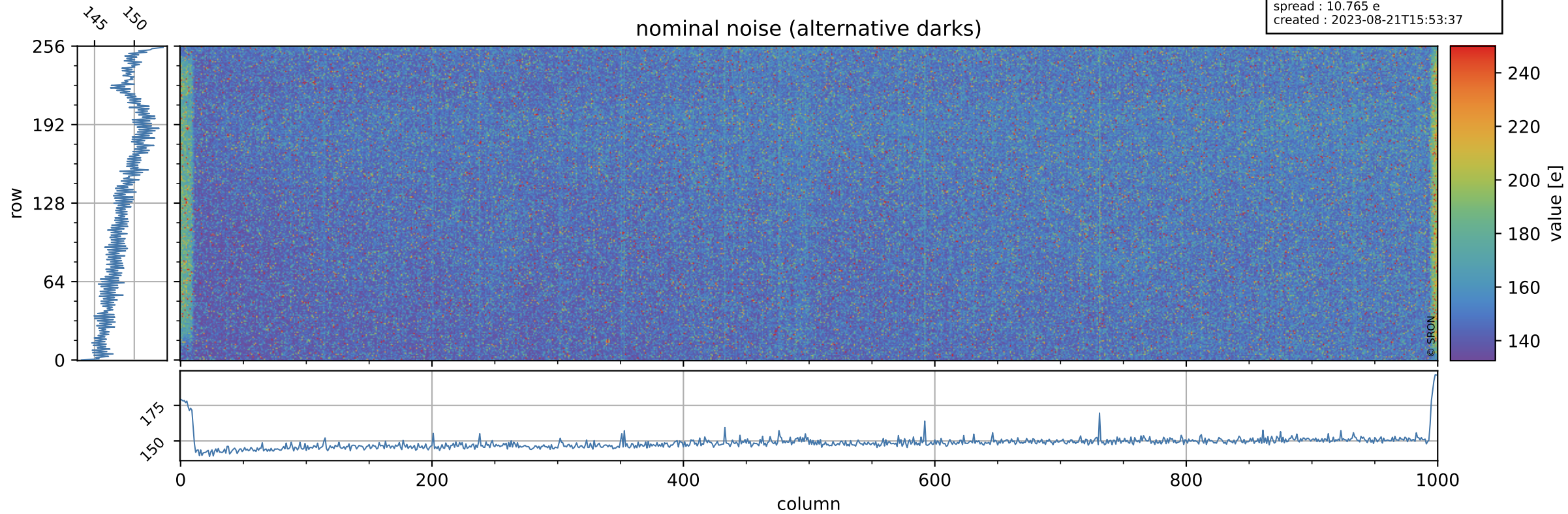


Tropomi SWIR background noise (swir)

orbits : 12 in [17392, 17467]
coverage : 2021-02-19 / 2021-02-24
n_coad, t_exp : 1, 1.0783
median : 148.6 e
spread : 10.765 e
created : 2023-08-21T15:53:37

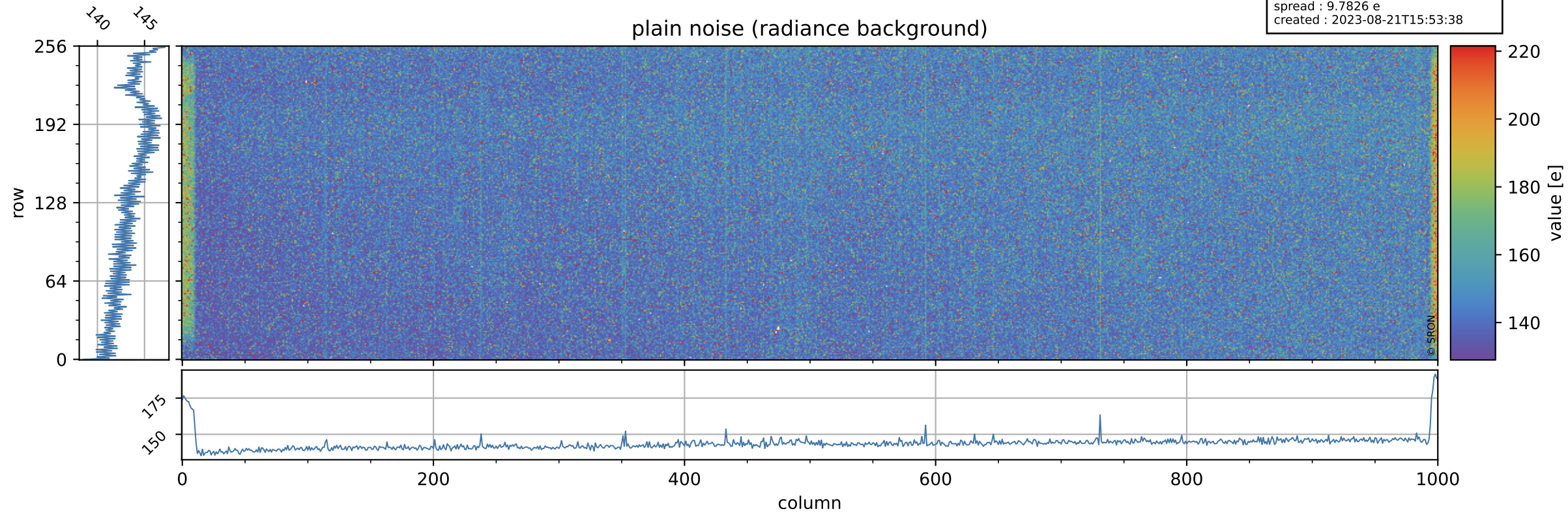
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17392, 17467]
coverage : 2021-02-19 / 2021-02-24
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7826 e
created : 2023-08-21T15:53:38

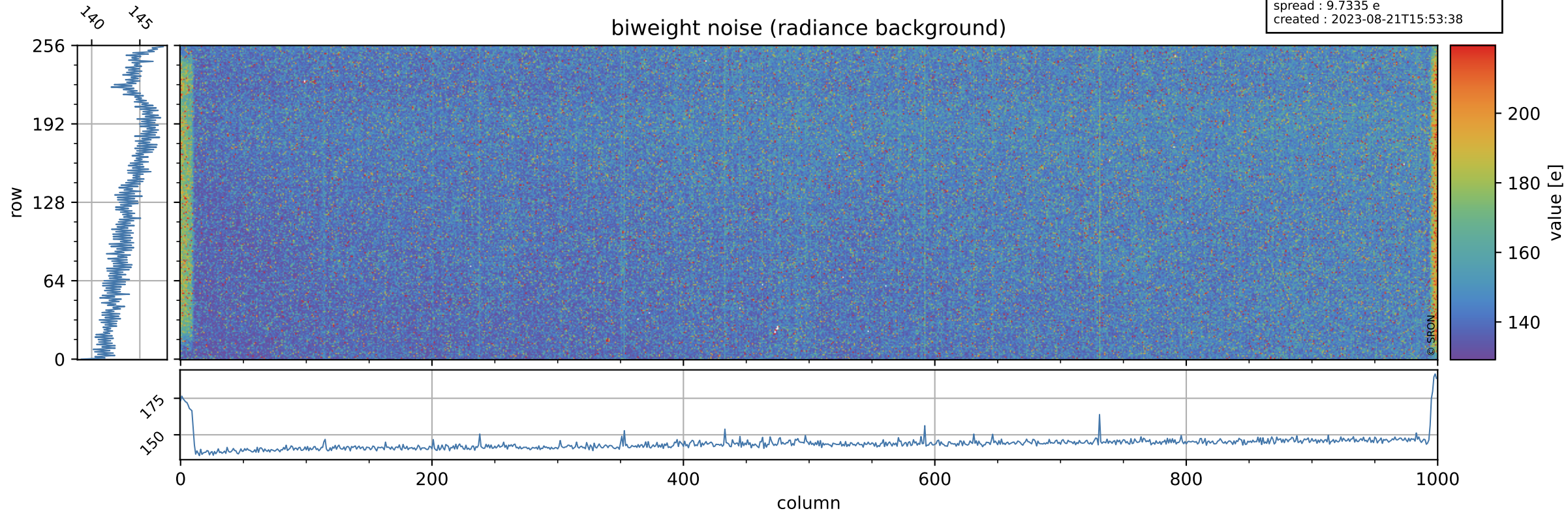
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17392, 17467]
coverage : 2021-02-19 / 2021-02-24
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7335 e
created : 2023-08-21T15:53:38

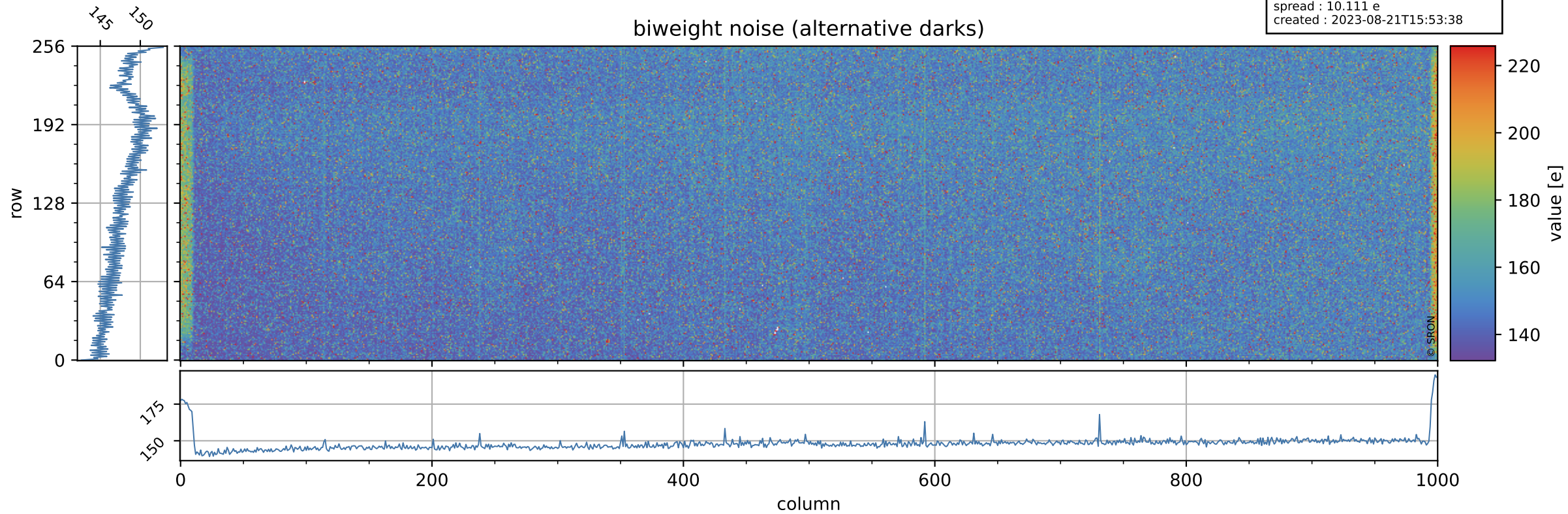
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17392, 17467]
coverage : 2021-02-19 / 2021-02-24
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.111 e
created : 2023-08-21T15:53:38

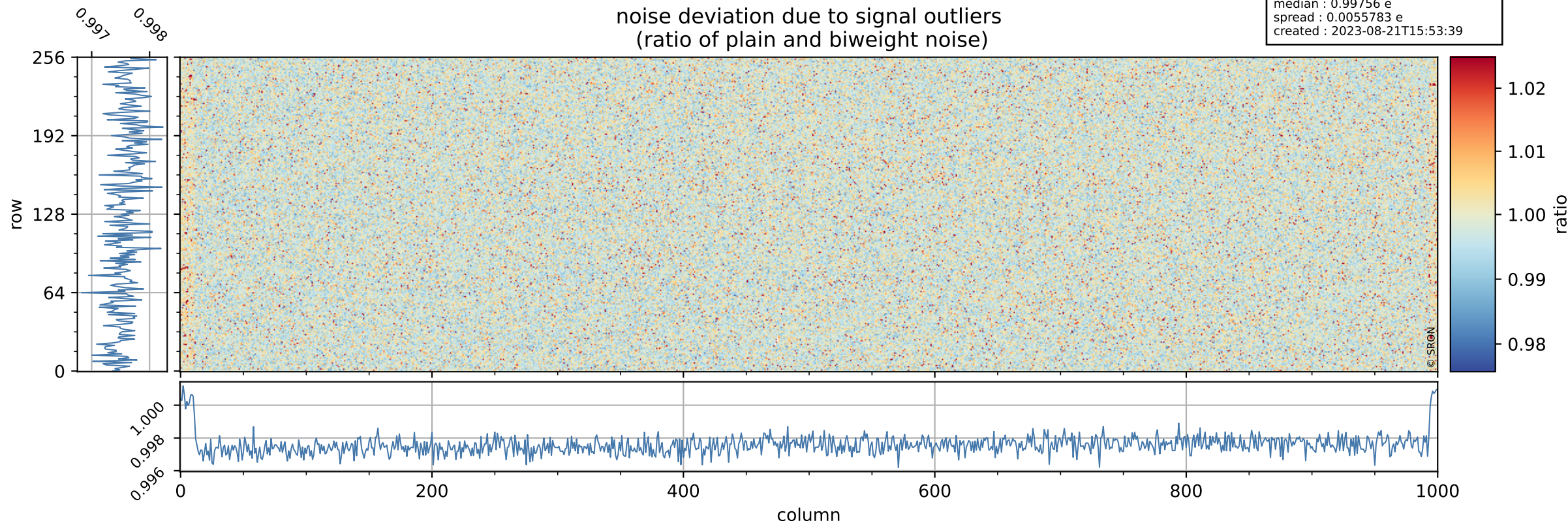
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

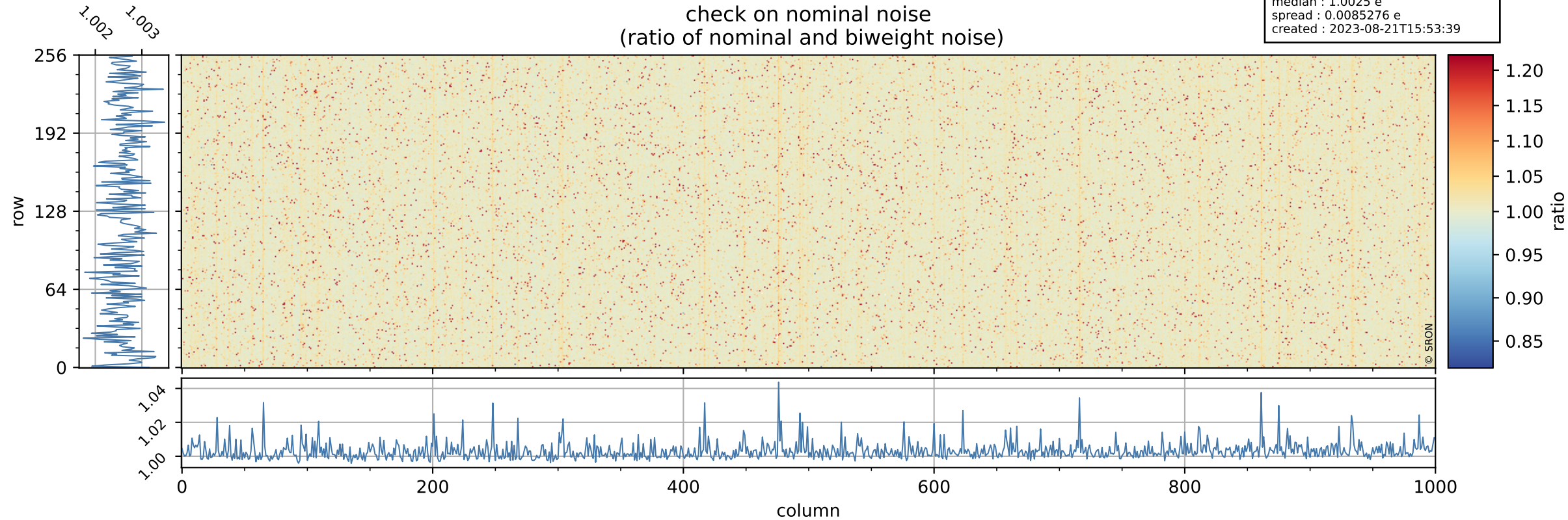
orbits : 12 in [17392, 17467]
coverage : 2021-02-19 / 2021-02-24
median : 0.99756 e
spread : 0.0055783 e
created : 2023-08-21T15:53:39



Tropomi SWIR background noise (swir)

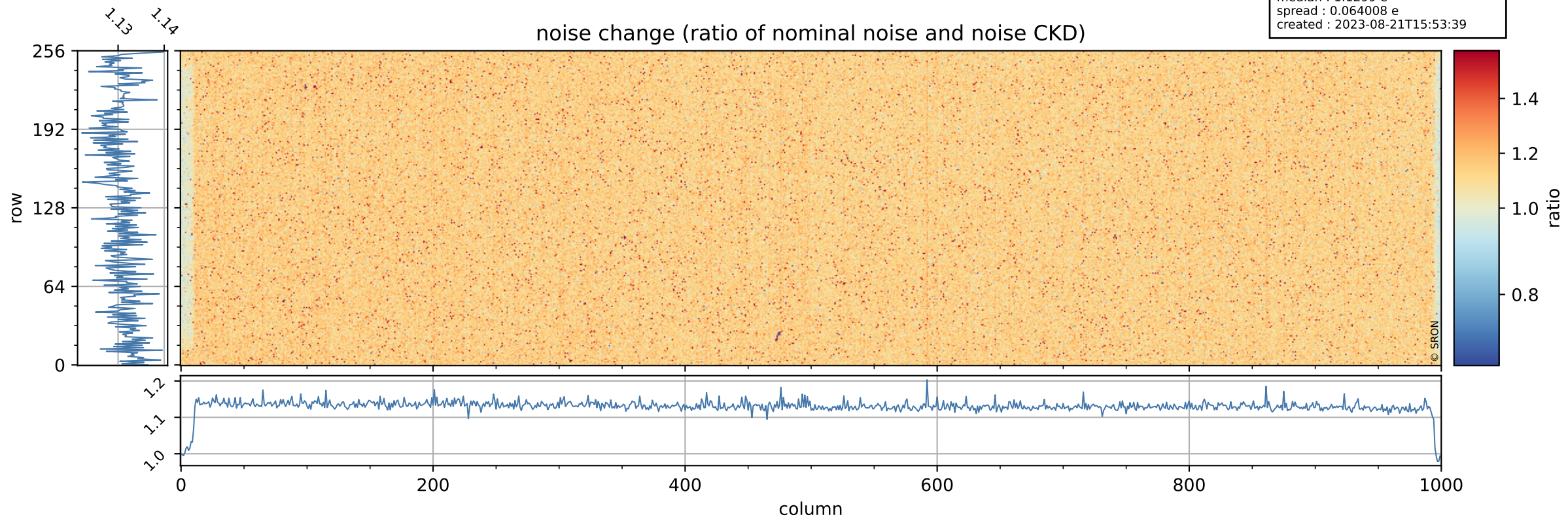
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17392, 17467]
coverage : 2021-02-19 / 2021-02-24
median : 1.0025 e
spread : 0.0085276 e
created : 2023-08-21T15:53:39



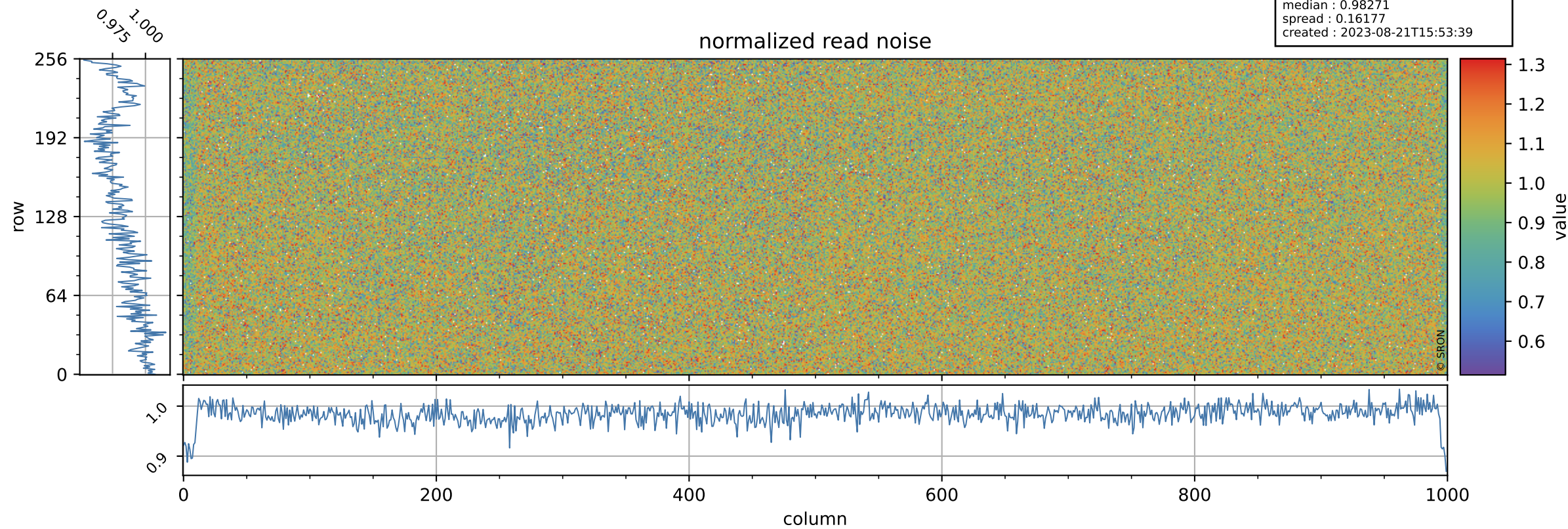
Tropomi SWIR background noise (swir)

orbits : 12 in [17392, 17467]
coverage : 2021-02-19 / 2021-02-24
median : 1.1299 e
spread : 0.064008 e
created : 2023-08-21T15:53:39



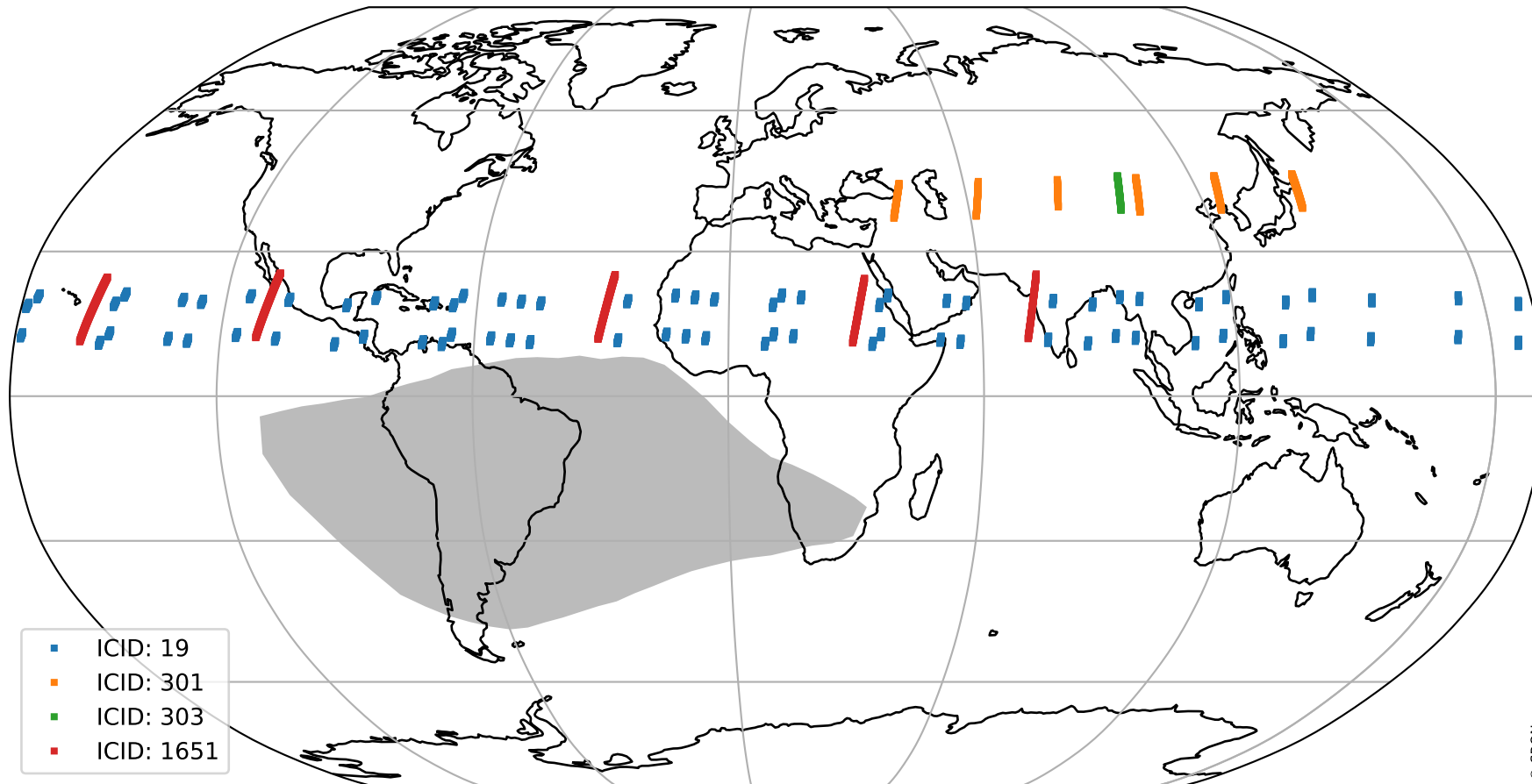
Tropomi SWIR background noise (swir)

orbits : 12 in [17392, 17467]
coverage : 2021-02-19 / 2021-02-24
median : 0.98271
spread : 0.16177
created : 2023-08-21T15:53:39



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

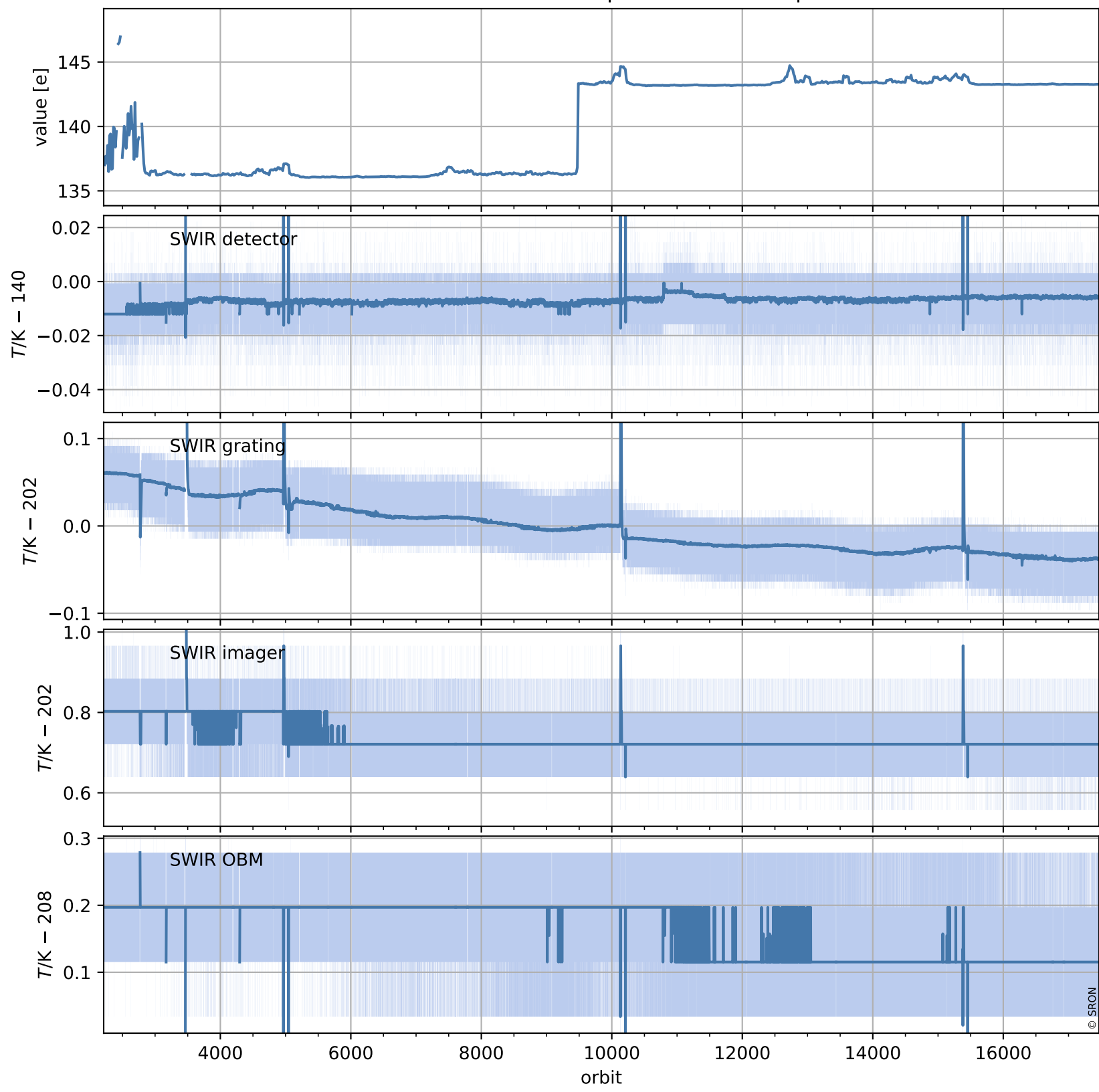
orbits : 12 in [17392, 17467]
coverage : 2021-02-19 / 2021-02-24
created : 2023-08-21T15:53:40



Tropomi SWIR background noise (swir)

orbits : [2212, 17467]
coverage : 2018-03-18 / 2021-02-24
created : 2023-08-21T15:53:40

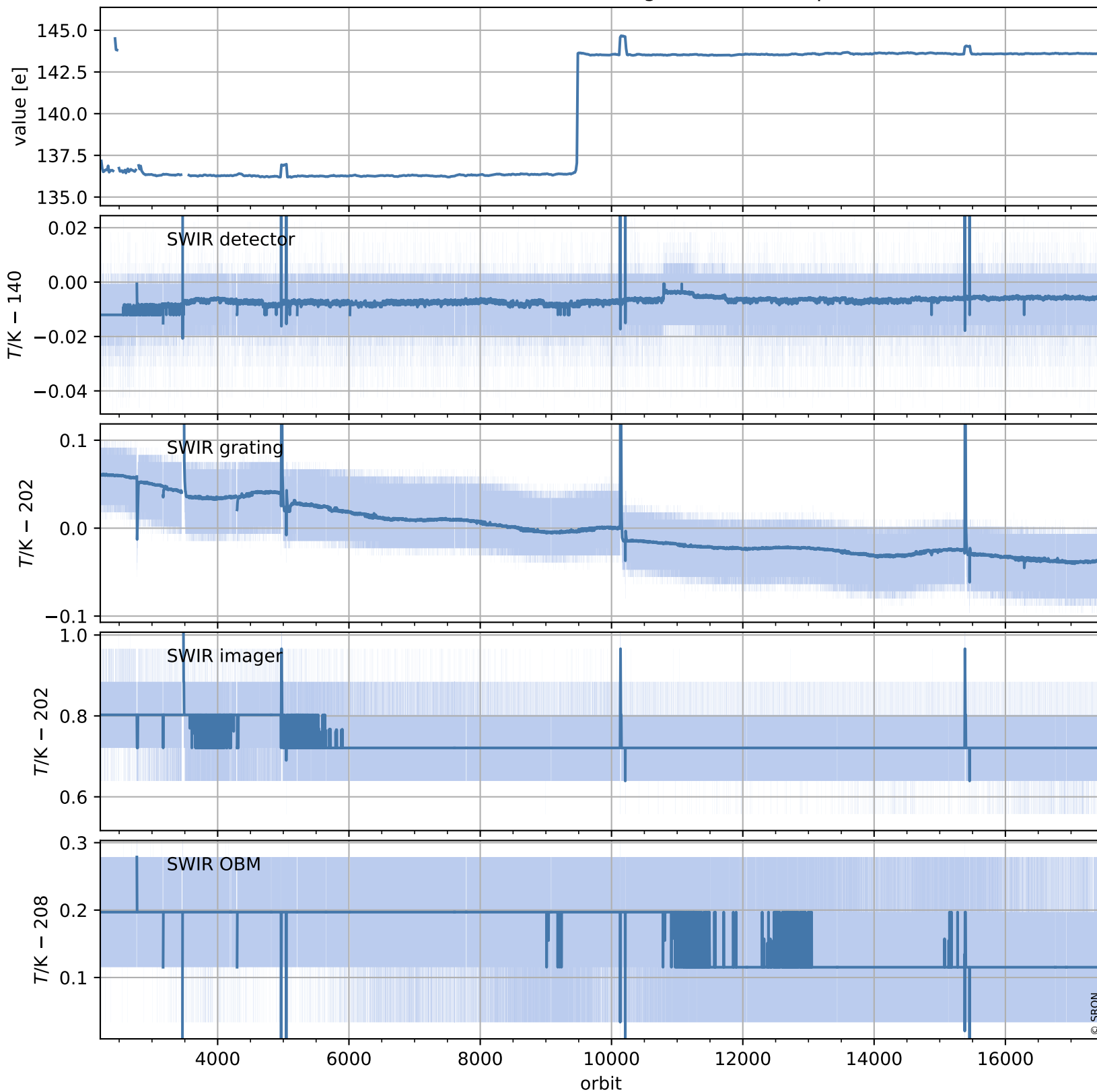
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17467]
coverage : 2018-03-18 / 2021-02-24
created : 2023-08-21T15:53:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17467]
coverage : 2018-03-18 / 2021-02-24
created : 2023-08-21T15:53:41

trend of normalized read-noise & temperatures

