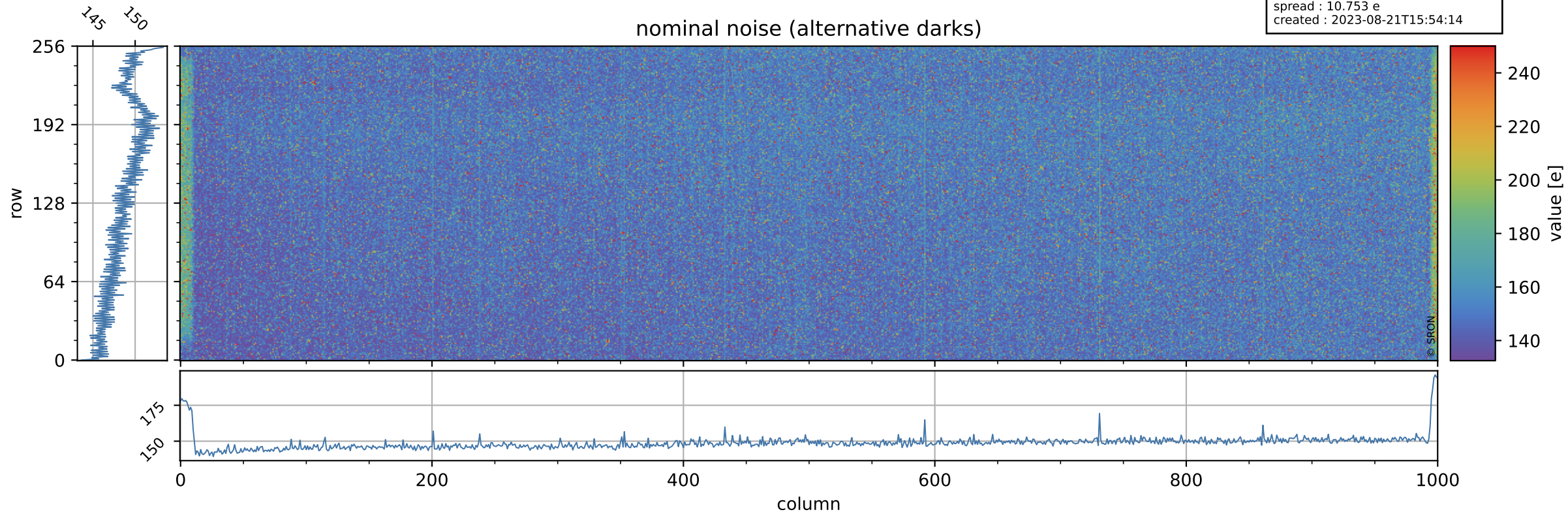


Tropomi SWIR background noise (swir)

orbits : 12 in [17497, 17572]
coverage : 2021-02-27 / 2021-03-04
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.753 e
created : 2023-08-21T15:54:14

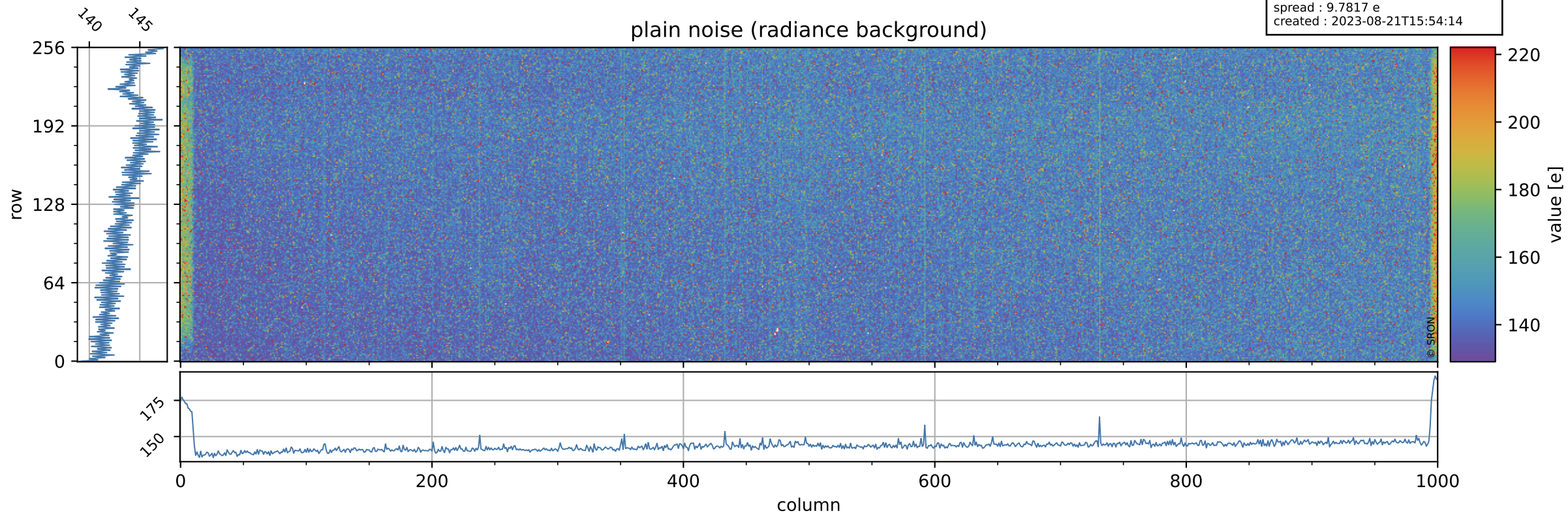
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17497, 17572]
coverage : 2021-02-27 / 2021-03-04
n_coad, t_exp : 1, 0.8383
median : 143.47 e
spread : 9.7817 e
created : 2023-08-21T15:54:14

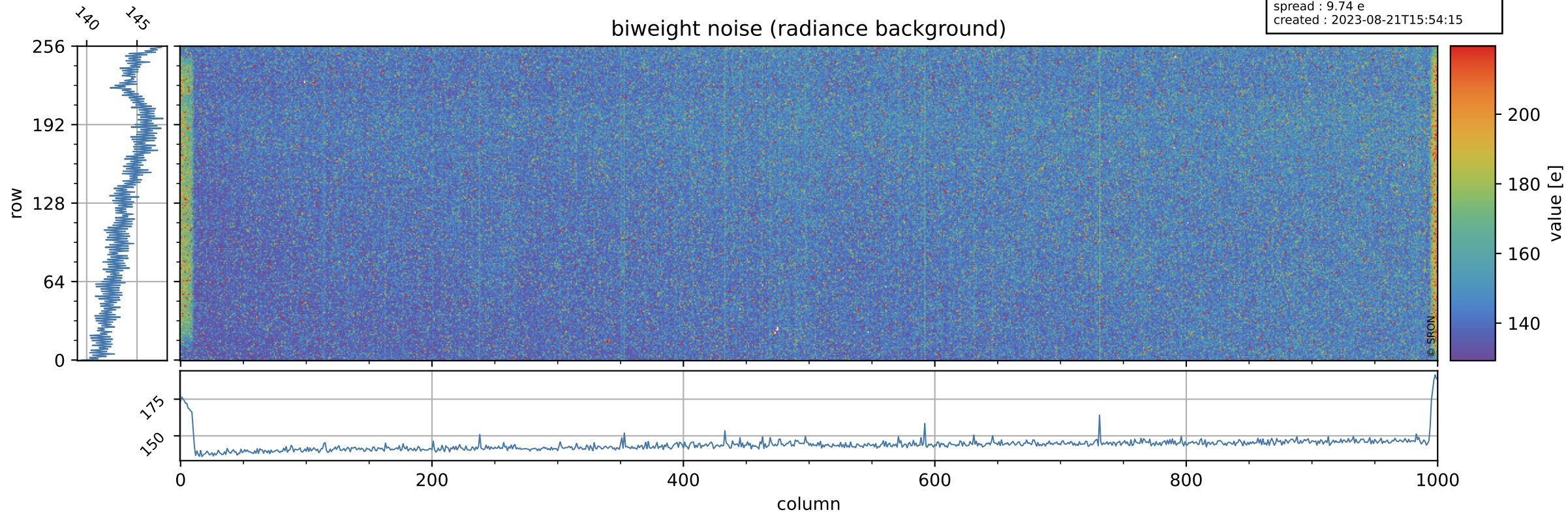
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17497, 17572]
coverage : 2021-02-27 / 2021-03-04
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.74 e
created : 2023-08-21T15:54:15

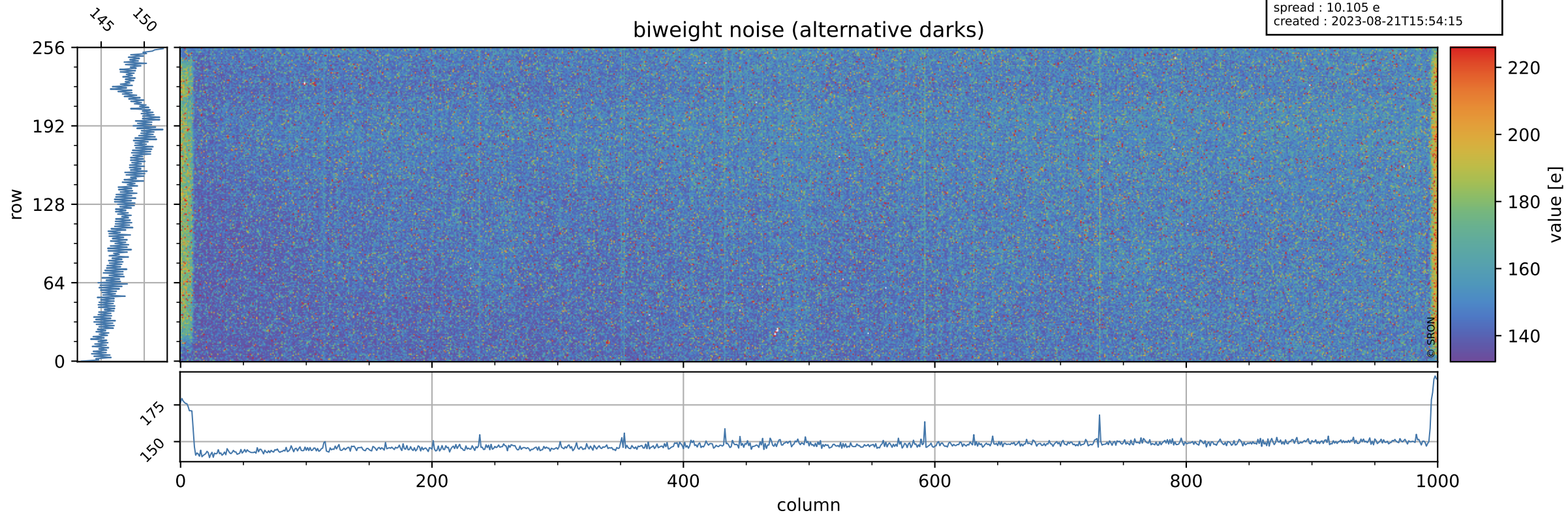
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17497, 17572]
coverage : 2021-02-27 / 2021-03-04
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.105 e
created : 2023-08-21T15:54:15

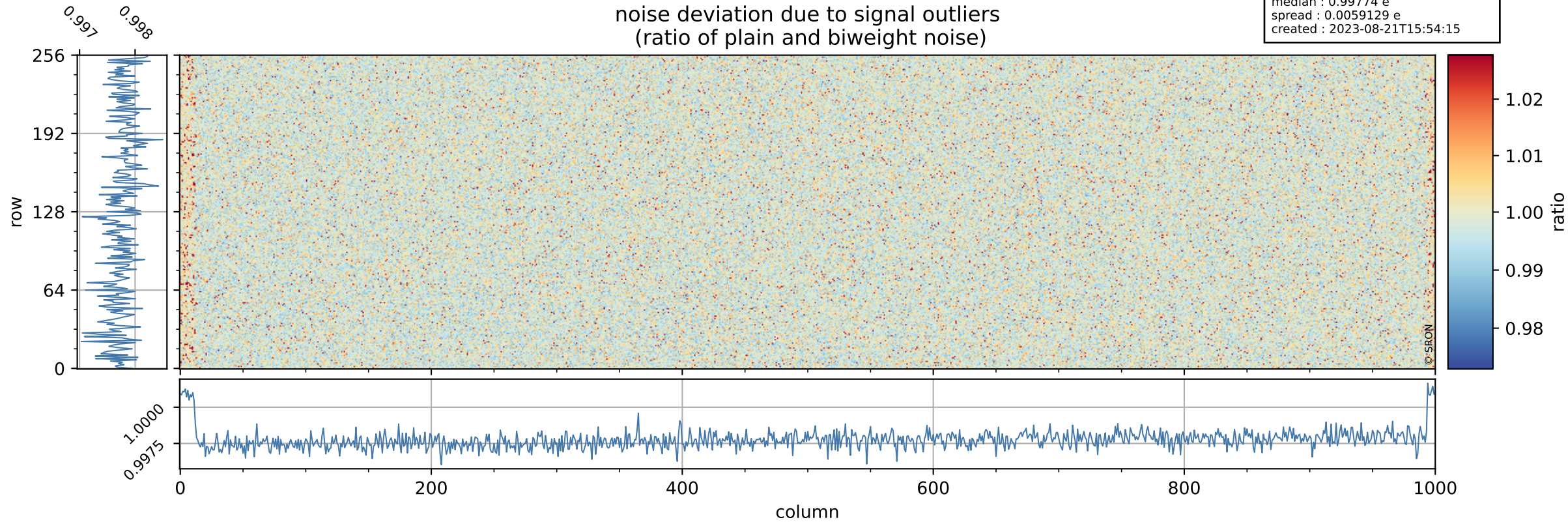
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

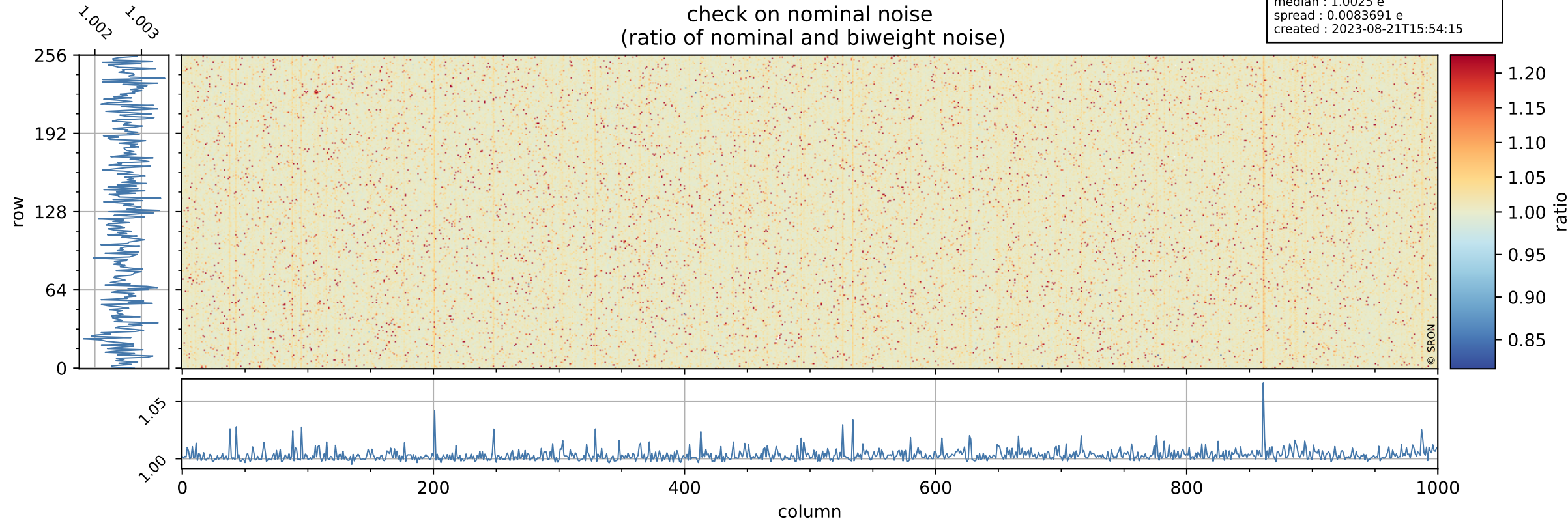
orbits : 12 in [17497, 17572]
coverage : 2021-02-27 / 2021-03-04
median : 0.99774 e
spread : 0.0059129 e
created : 2023-08-21T15:54:15



Tropomi SWIR background noise (swir)

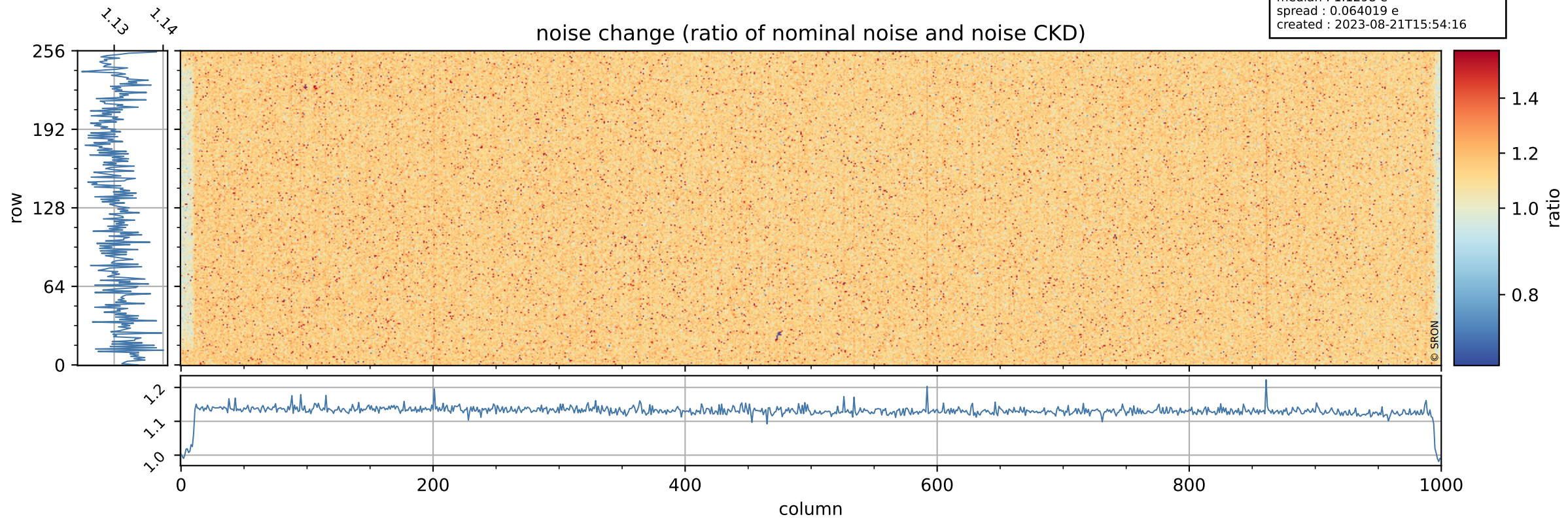
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17497, 17572]
coverage : 2021-02-27 / 2021-03-04
median : 1.0025 e
spread : 0.0083691 e
created : 2023-08-21T15:54:15



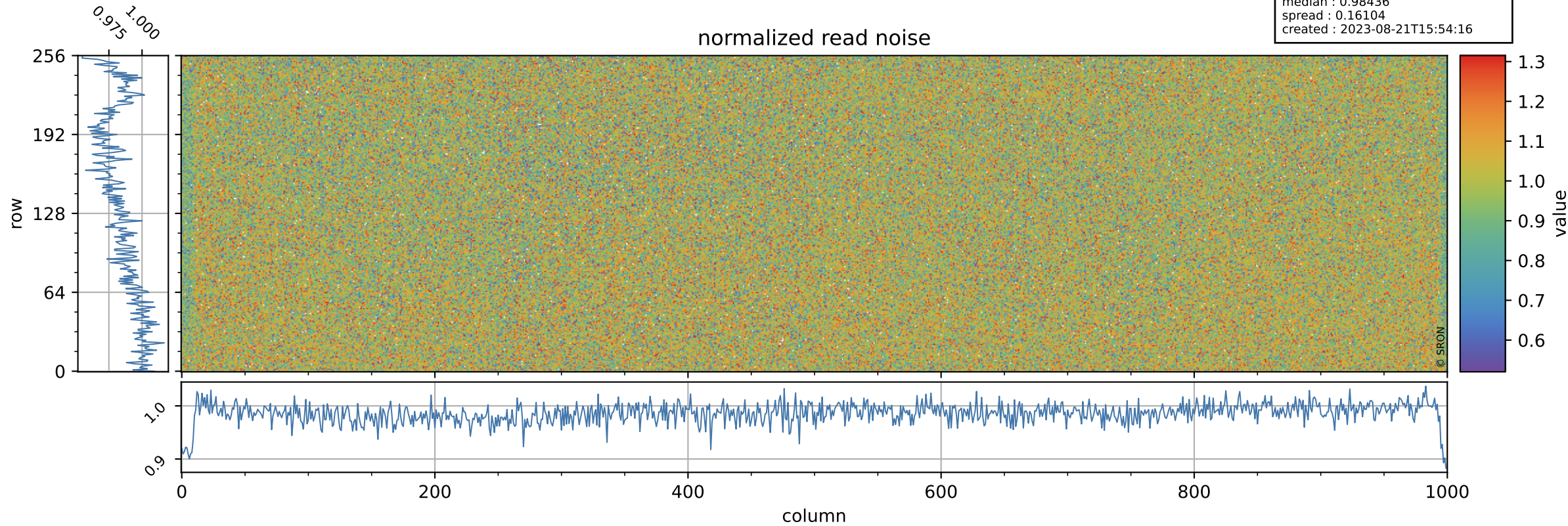
Tropomi SWIR background noise (swir)

orbits : 12 in [17497, 17572]
coverage : 2021-02-27 / 2021-03-04
median : 1.1298 e
spread : 0.064019 e
created : 2023-08-21T15:54:16



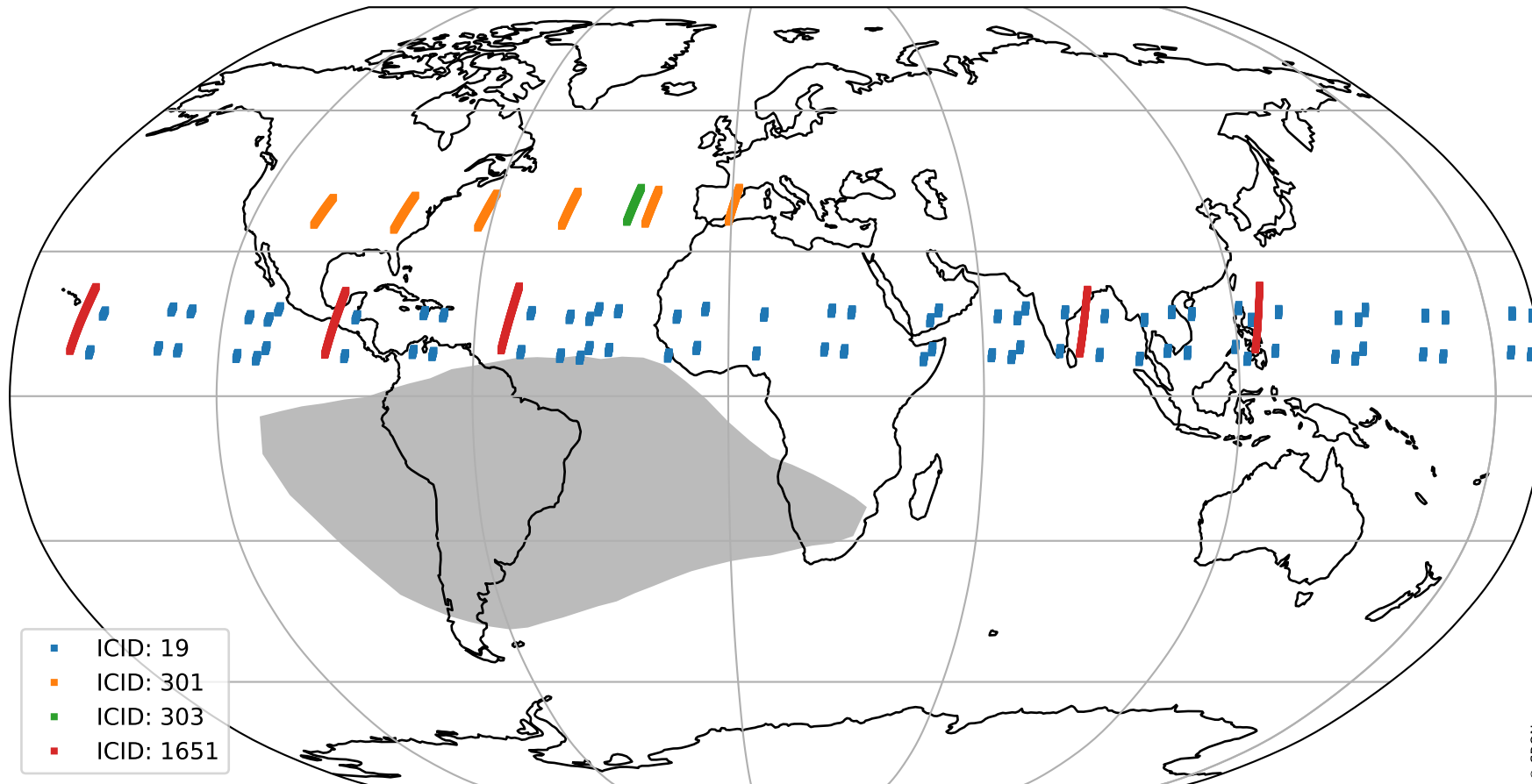
Tropomi SWIR background noise (swir)

orbits : 12 in [17497, 17572]
coverage : 2021-02-27 / 2021-03-04
median : 0.98436
spread : 0.16104
created : 2023-08-21T15:54:16



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

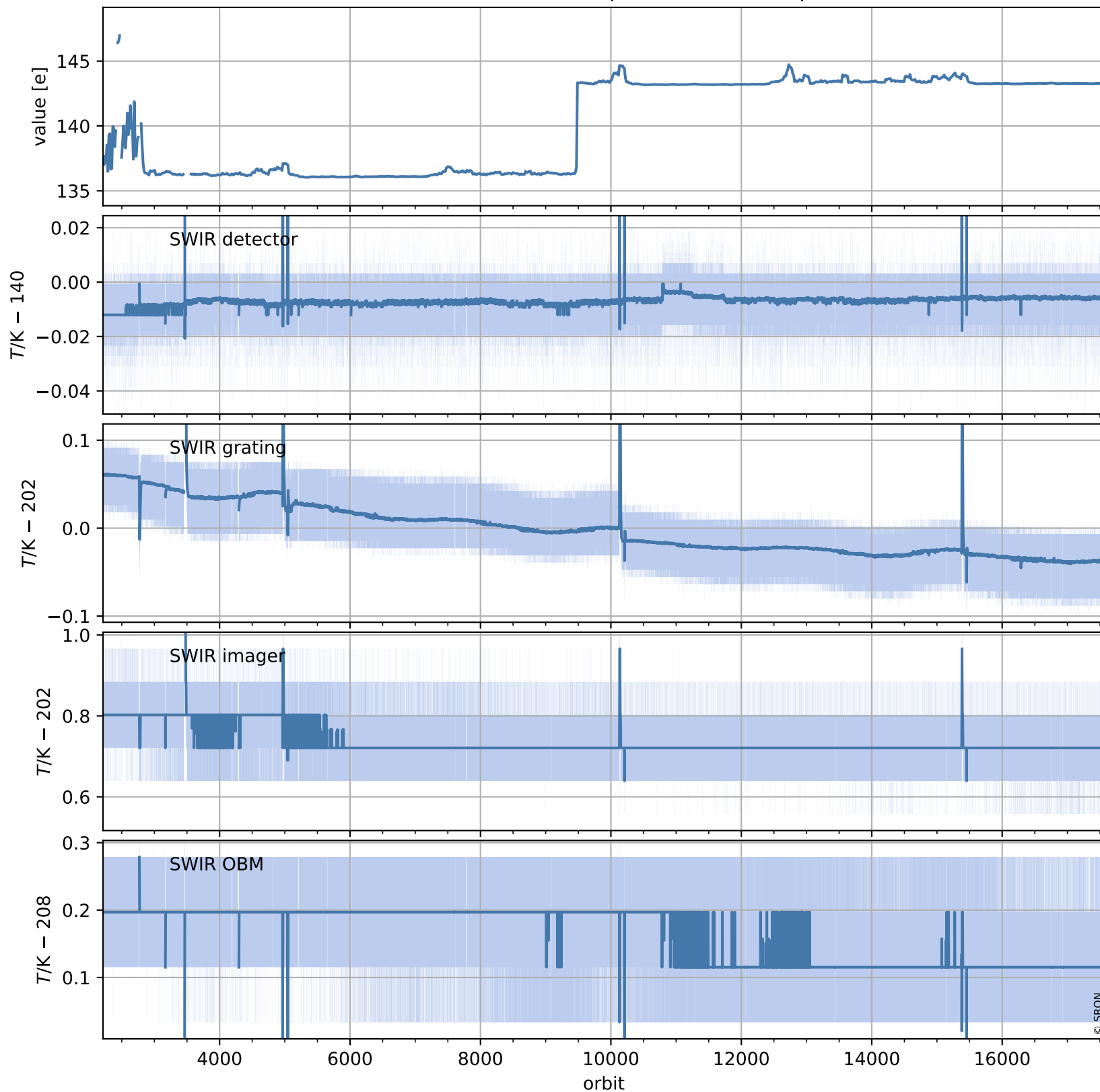
orbits : 12 in [17497, 17572]
coverage : 2021-02-27 / 2021-03-04
created : 2023-08-21T15:54:16



Tropomi SWIR background noise (swir)

orbits : [2212, 17572]
coverage : 2018-03-18 / 2021-03-04
created : 2023-08-21T15:54:17

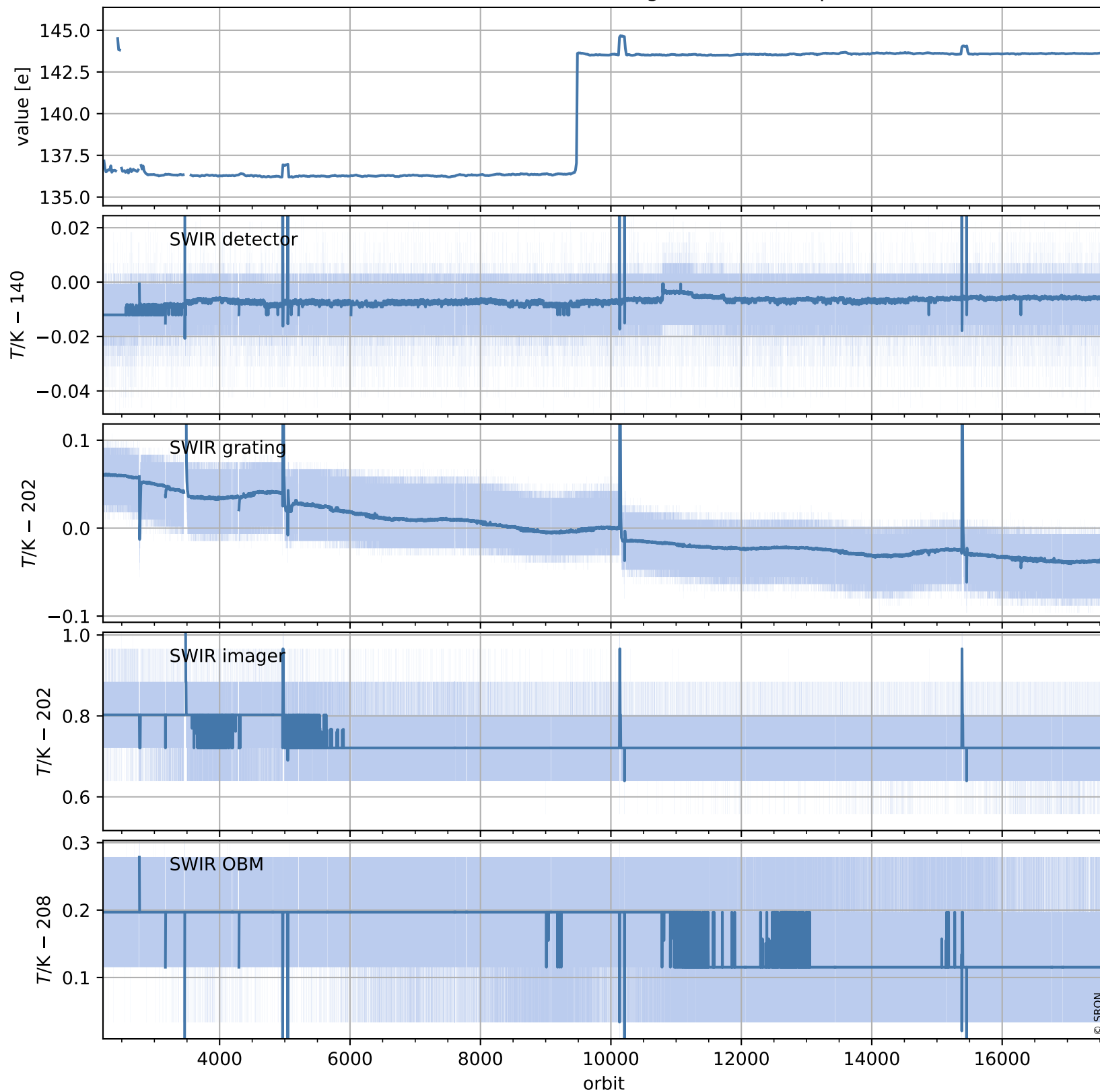
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17572]
coverage : 2018-03-18 / 2021-03-04
created : 2023-08-21T15:54:17

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17572]
coverage : 2018-03-18 / 2021-03-04
created : 2023-08-21T15:54:18

trend of normalized read-noise & temperatures

