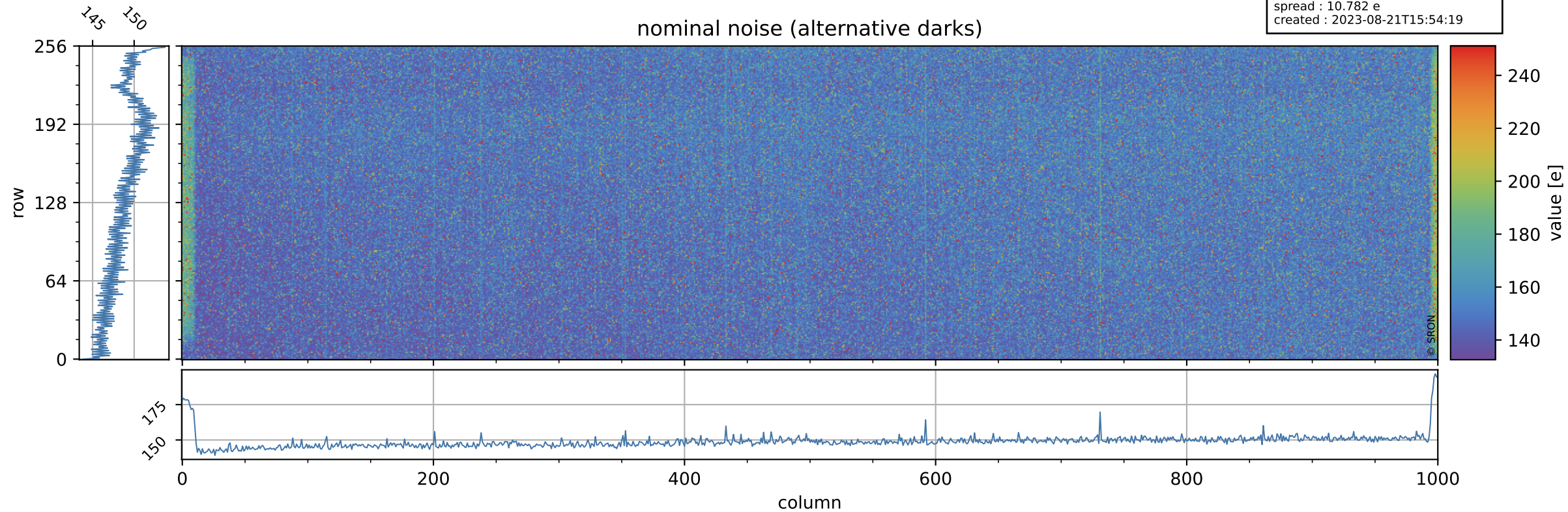


Tropomi SWIR background noise (swir)

orbits : 12 in [17497, 17587]
coverage : 2021-02-28 / 2021-03-06
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.782 e
created : 2023-08-21T15:54:19

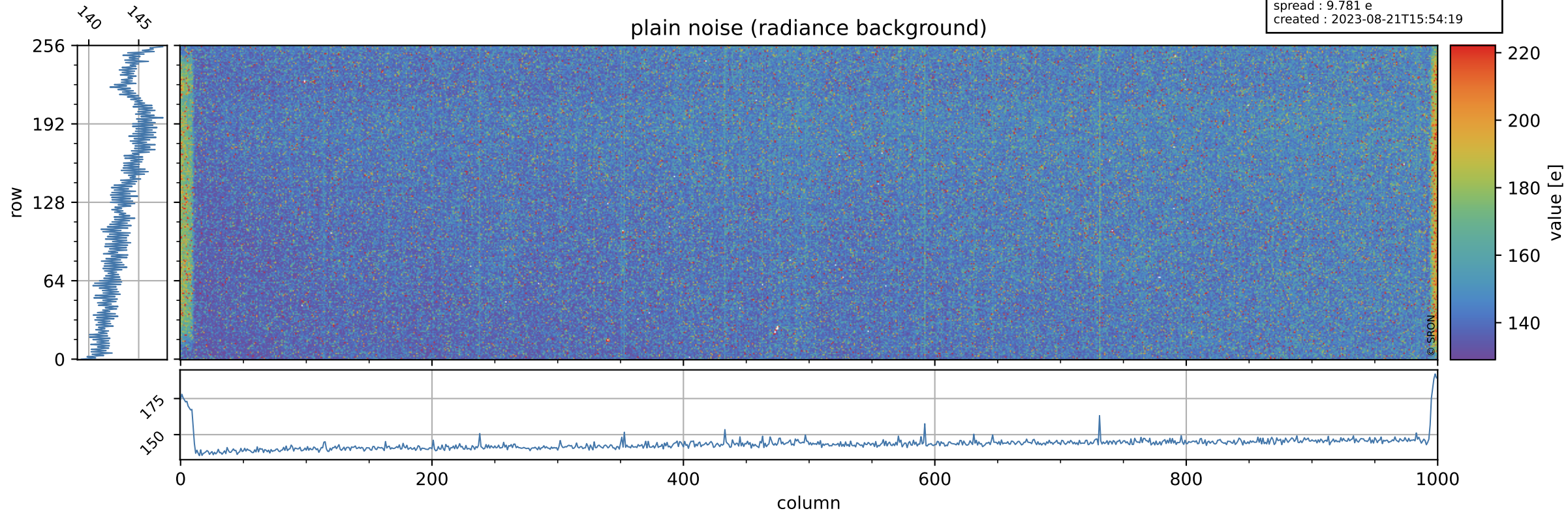
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17497, 17587]
coverage : 2021-02-28 / 2021-03-06
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.781 e
created : 2023-08-21T15:54:19

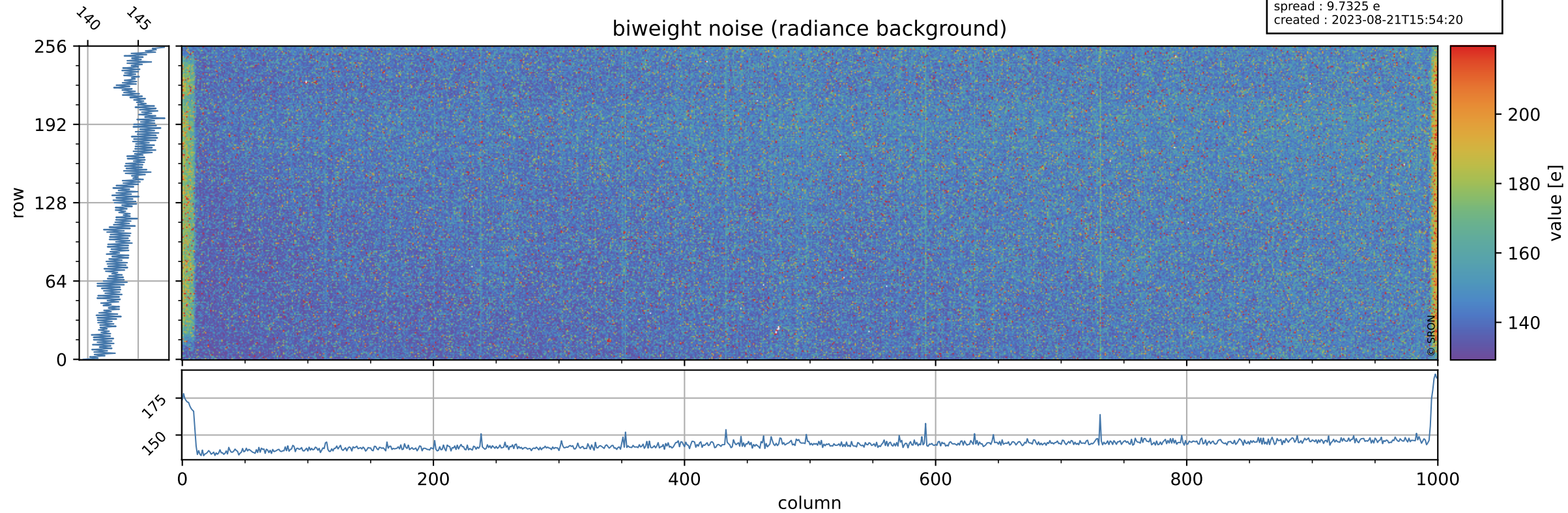
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17497, 17587]
coverage : 2021-02-28 / 2021-03-06
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.7325 e
created : 2023-08-21T15:54:20

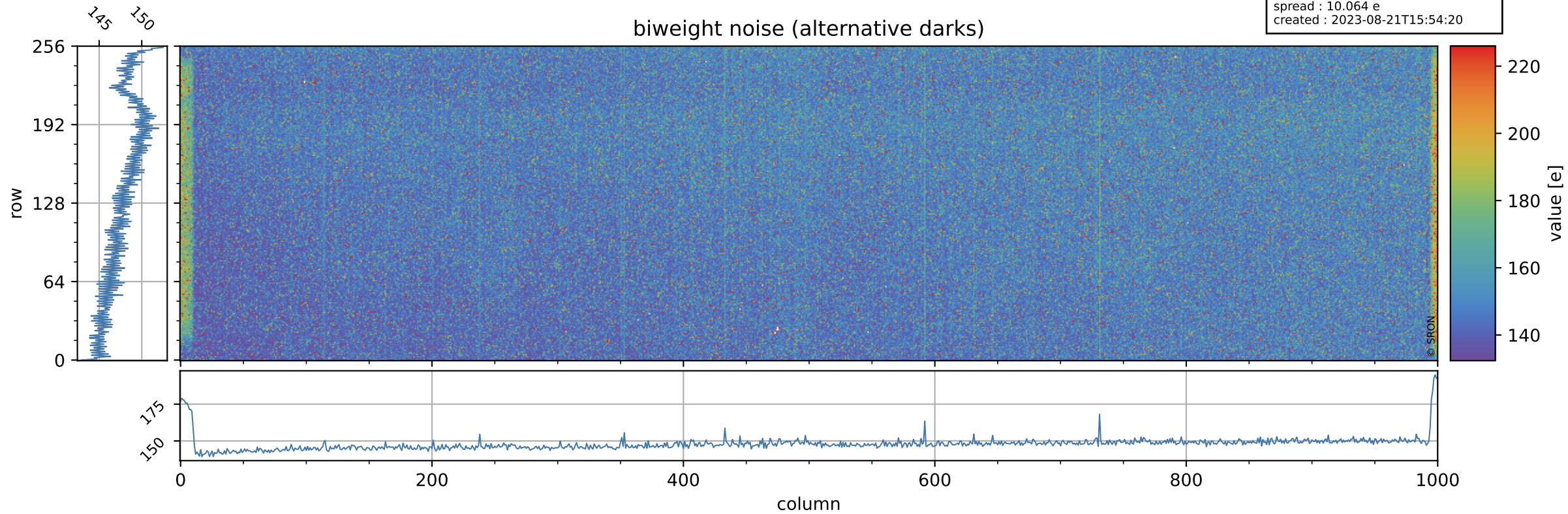
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17497, 17587]
coverage : 2021-02-28 / 2021-03-06
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.064 e
created : 2023-08-21T15:54:20

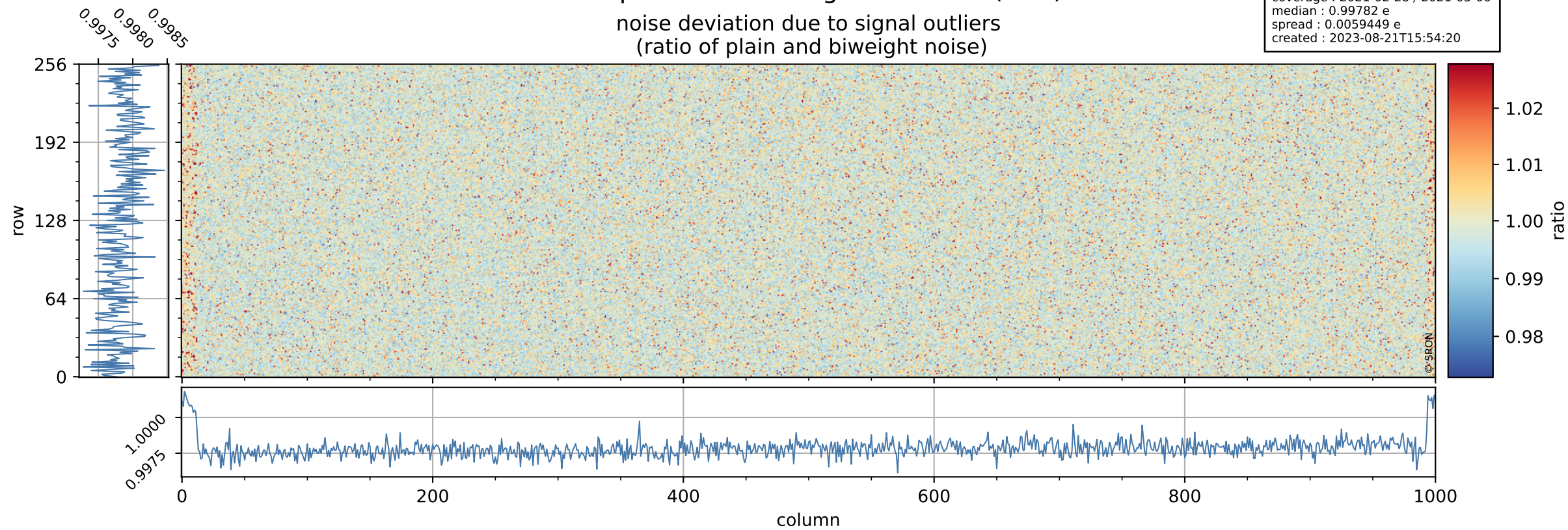
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

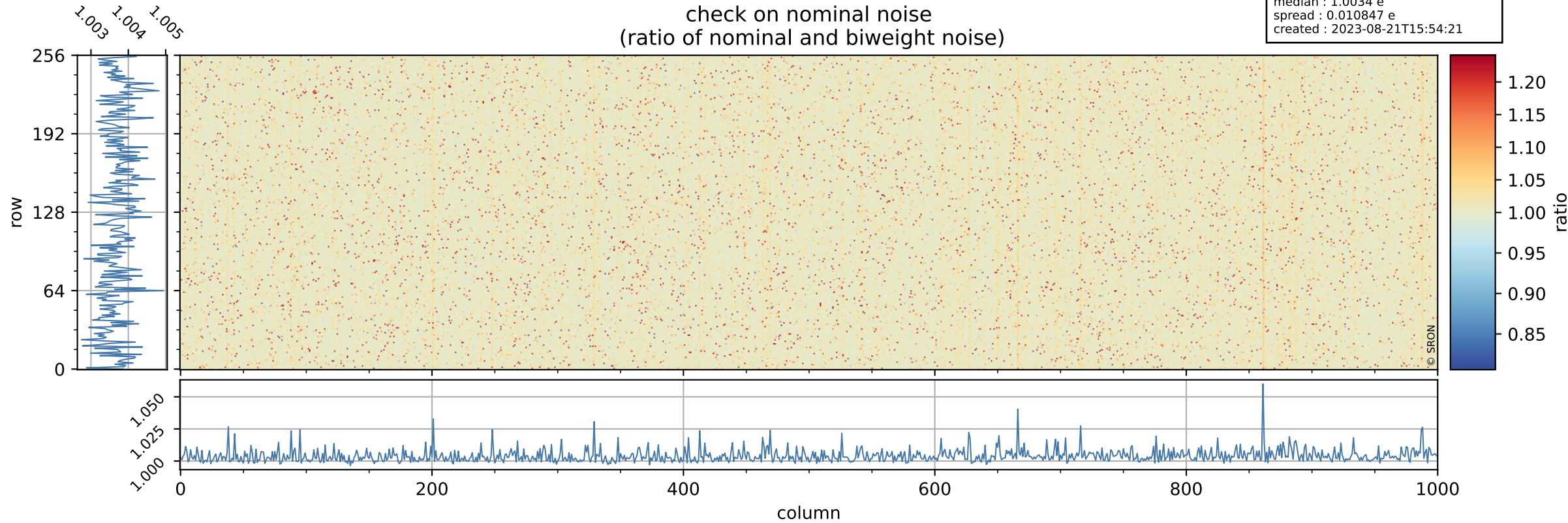
orbits : 12 in [17497, 17587]
coverage : 2021-02-28 / 2021-03-06
median : 0.99782 e
spread : 0.0059449 e
created : 2023-08-21T15:54:20



Tropomi SWIR background noise (swir)

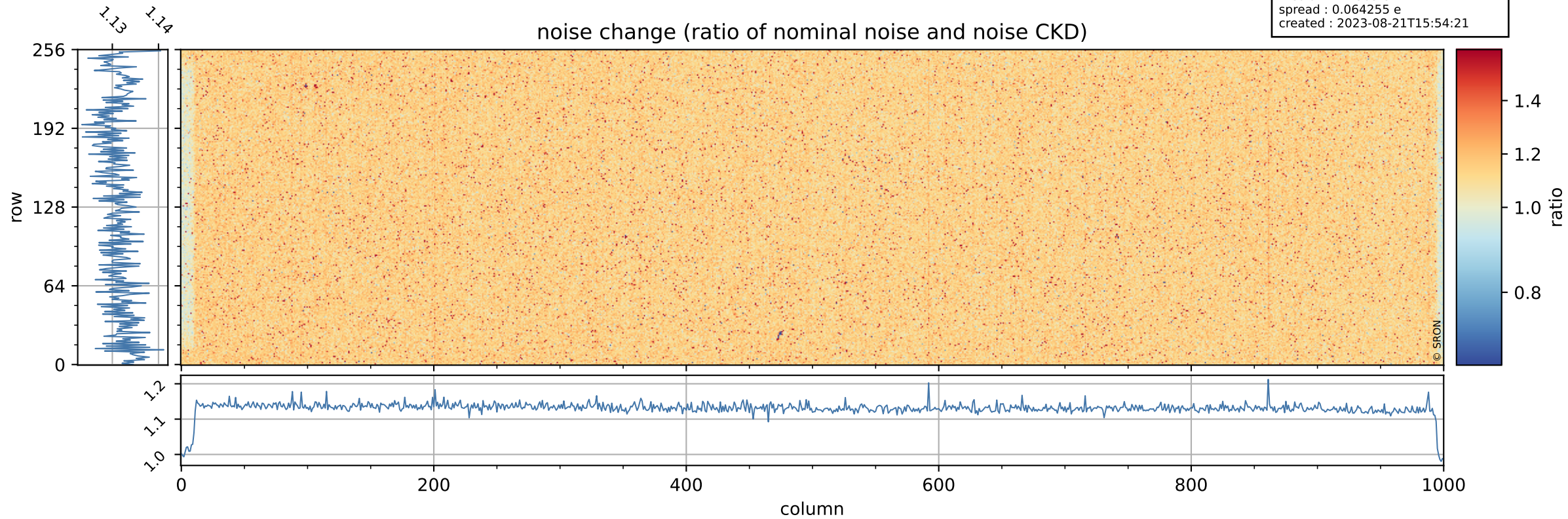
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17497, 17587]
coverage : 2021-02-28 / 2021-03-06
median : 1.0034 e
spread : 0.010847 e
created : 2023-08-21T15:54:21



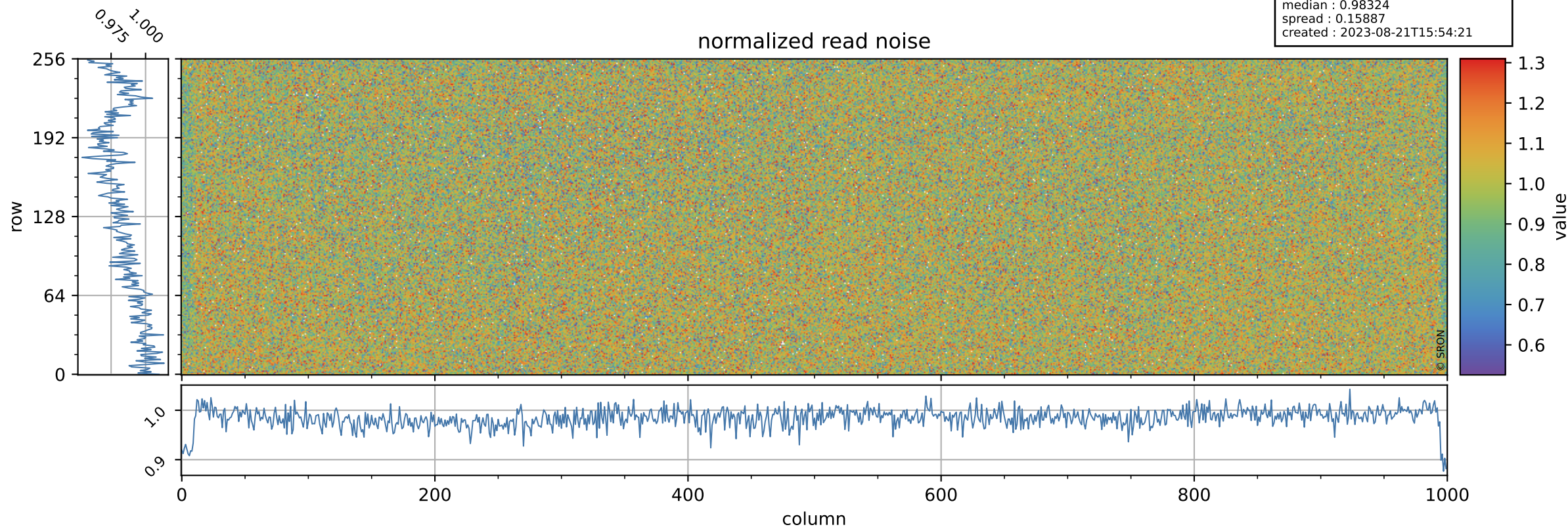
Tropomi SWIR background noise (swir)

orbits : 12 in [17497, 17587]
coverage : 2021-02-28 / 2021-03-06
median : 1.1305 e
spread : 0.064255 e
created : 2023-08-21T15:54:21



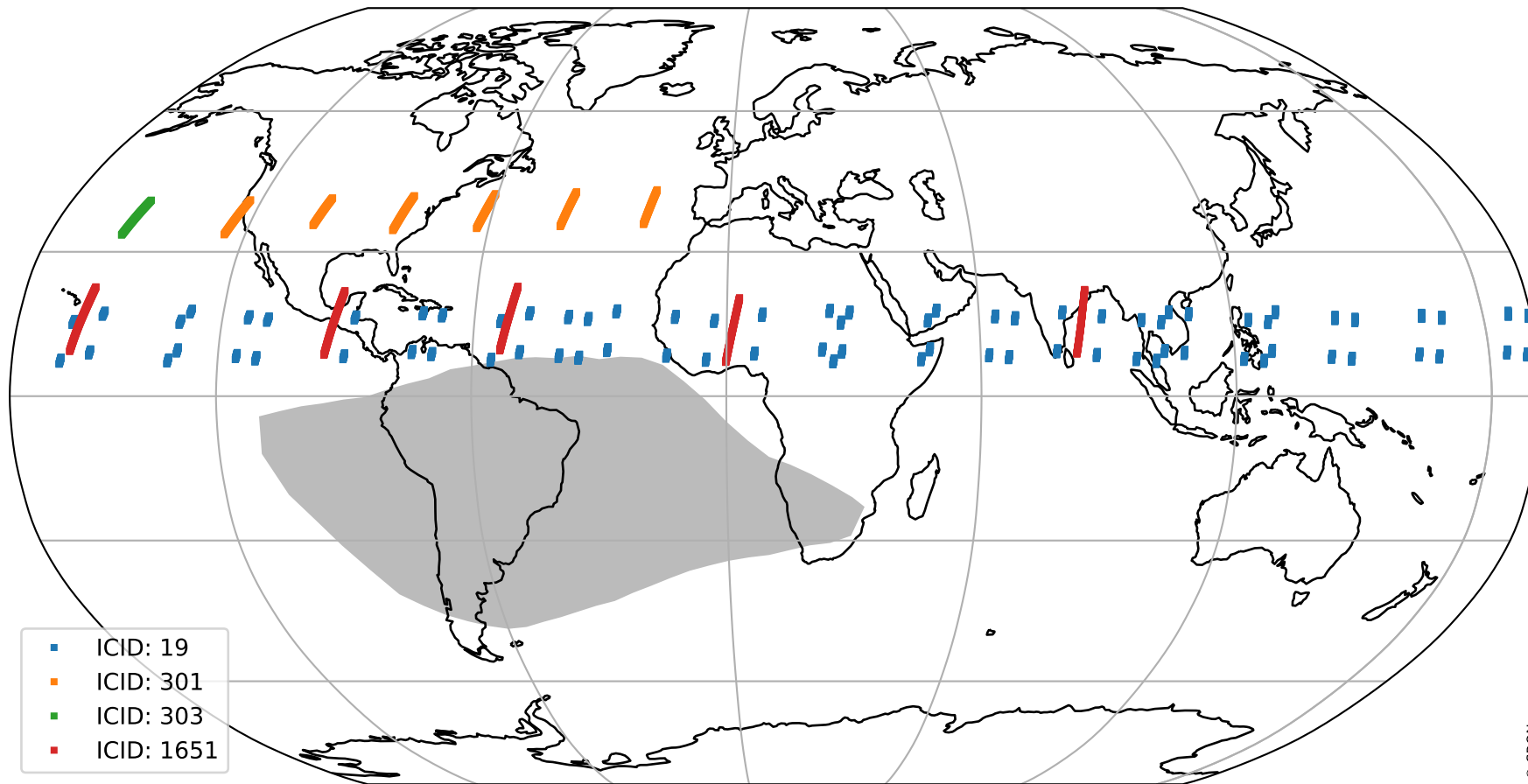
Tropomi SWIR background noise (swir)

orbits : 12 in [17497, 17587]
coverage : 2021-02-28 / 2021-03-06
median : 0.98324
spread : 0.15887
created : 2023-08-21T15:54:21



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

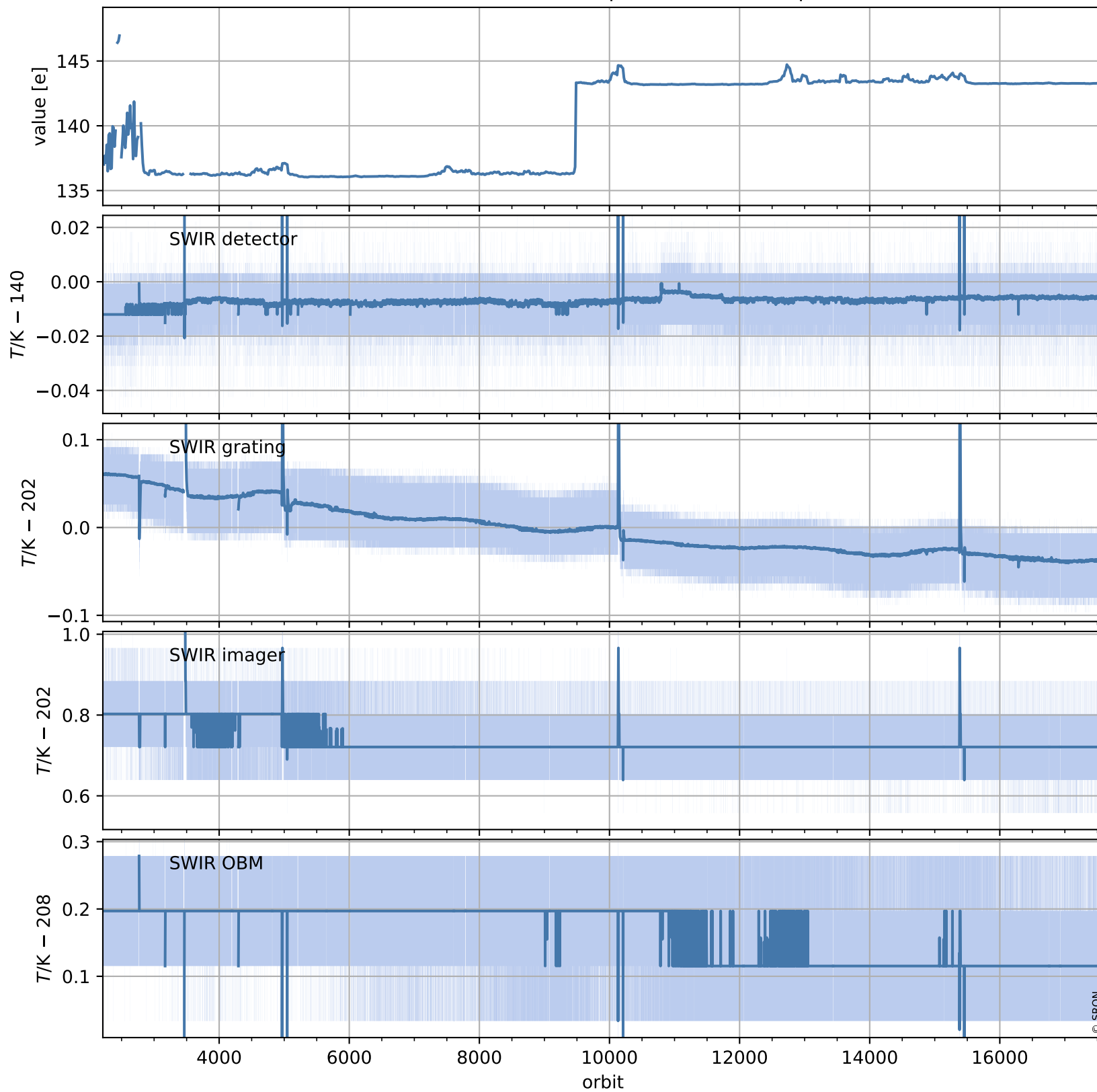
orbits : 12 in [17497, 17587]
coverage : 2021-02-28 / 2021-03-06
created : 2023-08-21T15:54:22



Tropomi SWIR background noise (swir)

orbits : [2212, 17587]
coverage : 2018-03-18 / 2021-03-06
created : 2023-08-21T15:54:22

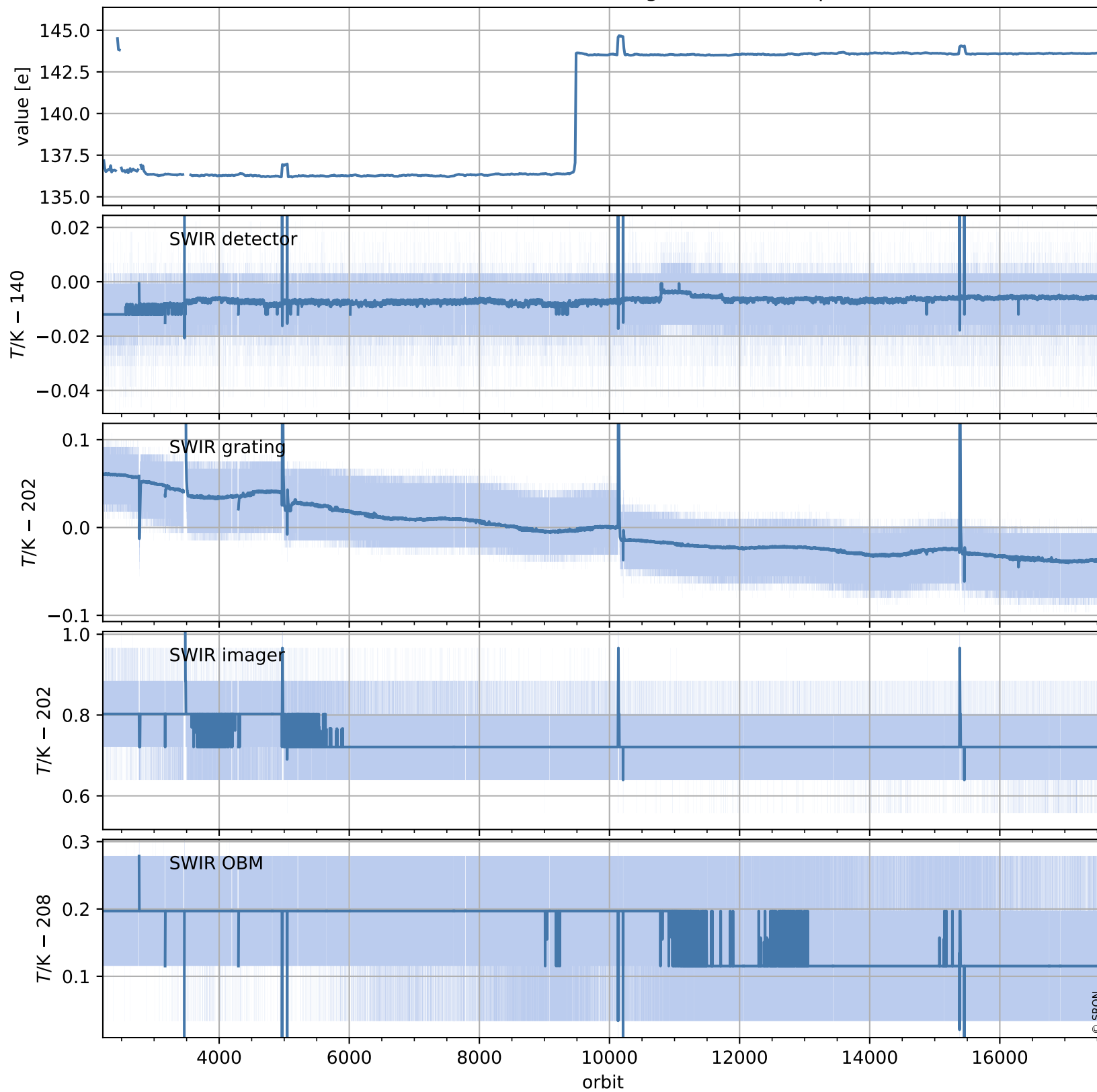
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17587]
coverage : 2018-03-18 / 2021-03-06
created : 2023-08-21T15:54:23

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17587]
coverage : 2018-03-18 / 2021-03-06
created : 2023-08-21T15:54:23

trend of normalized read-noise & temperatures

