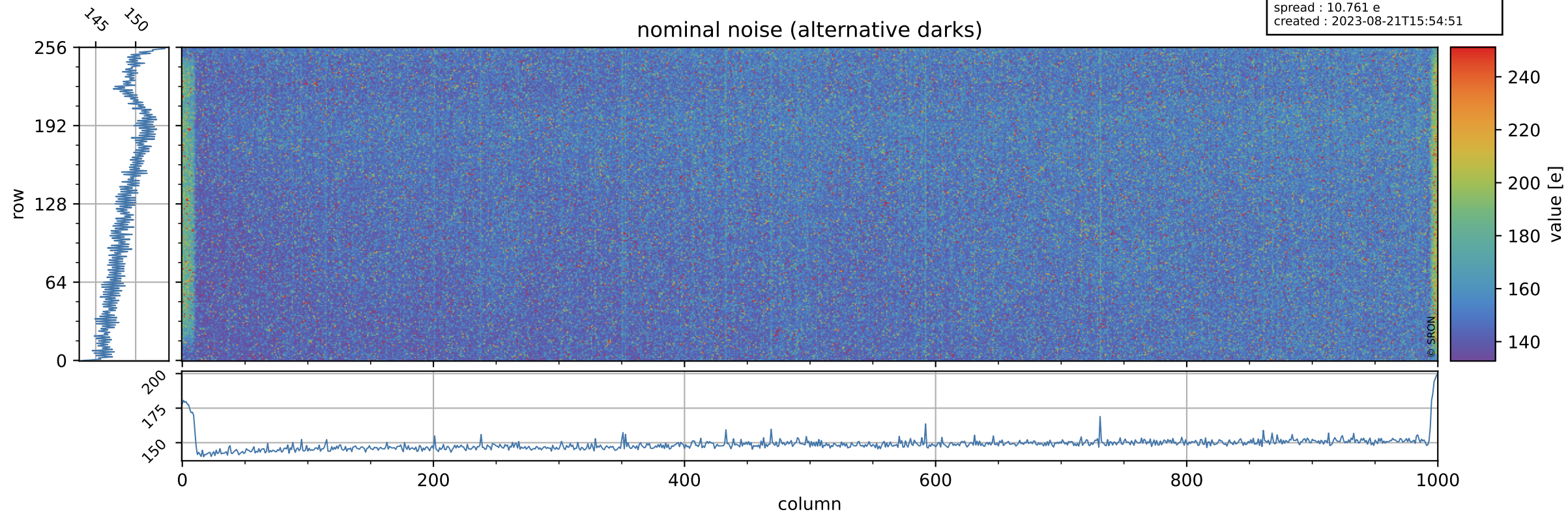


Tropomi SWIR background noise (swir)

orbits : 13 in [17587, 17677]
coverage : 2021-03-06 / 2021-03-12
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.761 e
created : 2023-08-21T15:54:51

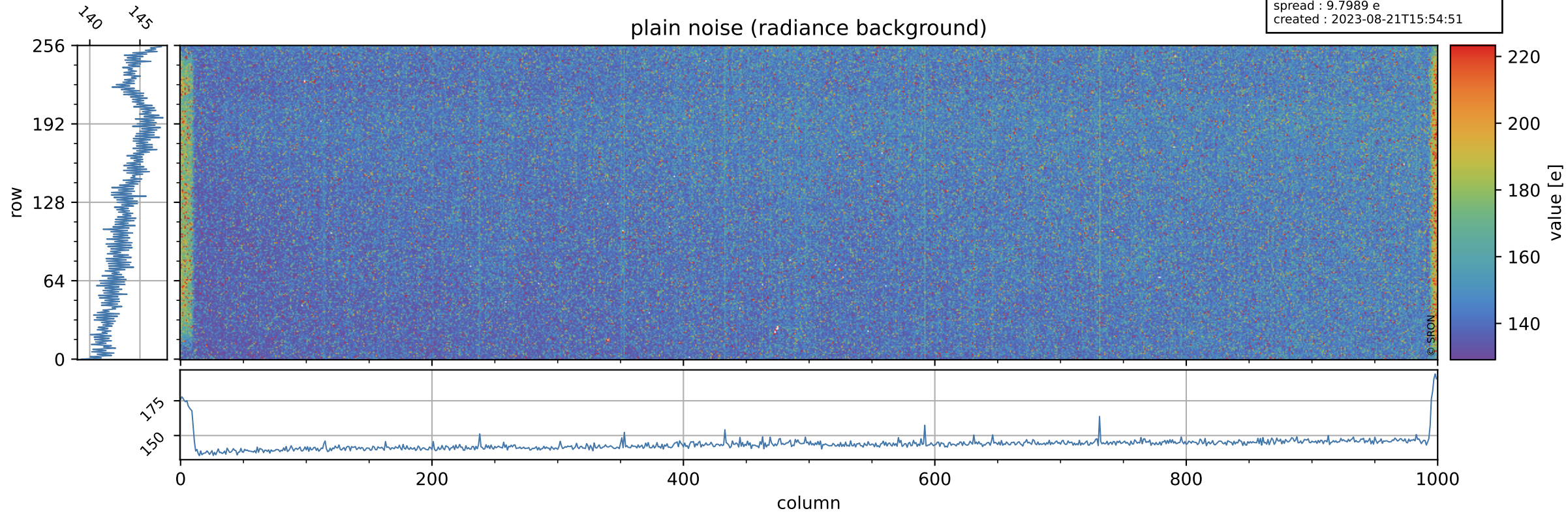
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [17587, 17677]
coverage : 2021-03-06 / 2021-03-12
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 9.7989 e
created : 2023-08-21T15:54:51

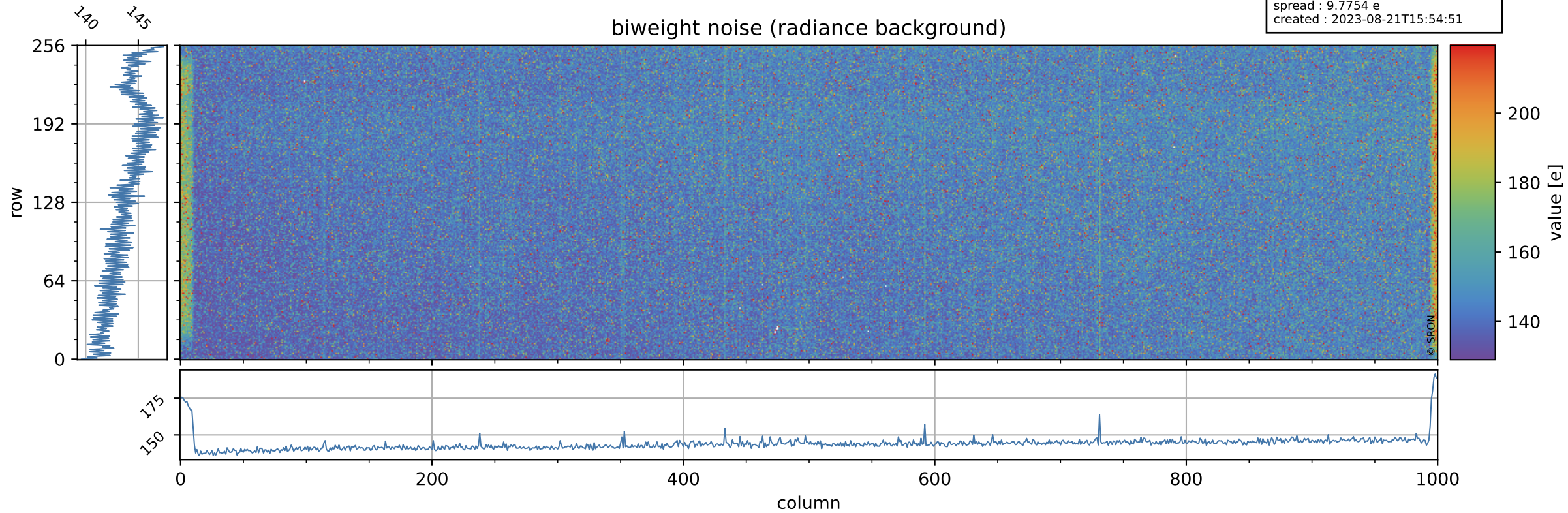
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [17587, 17677]
coverage : 2021-03-06 / 2021-03-12
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.7754 e
created : 2023-08-21T15:54:51

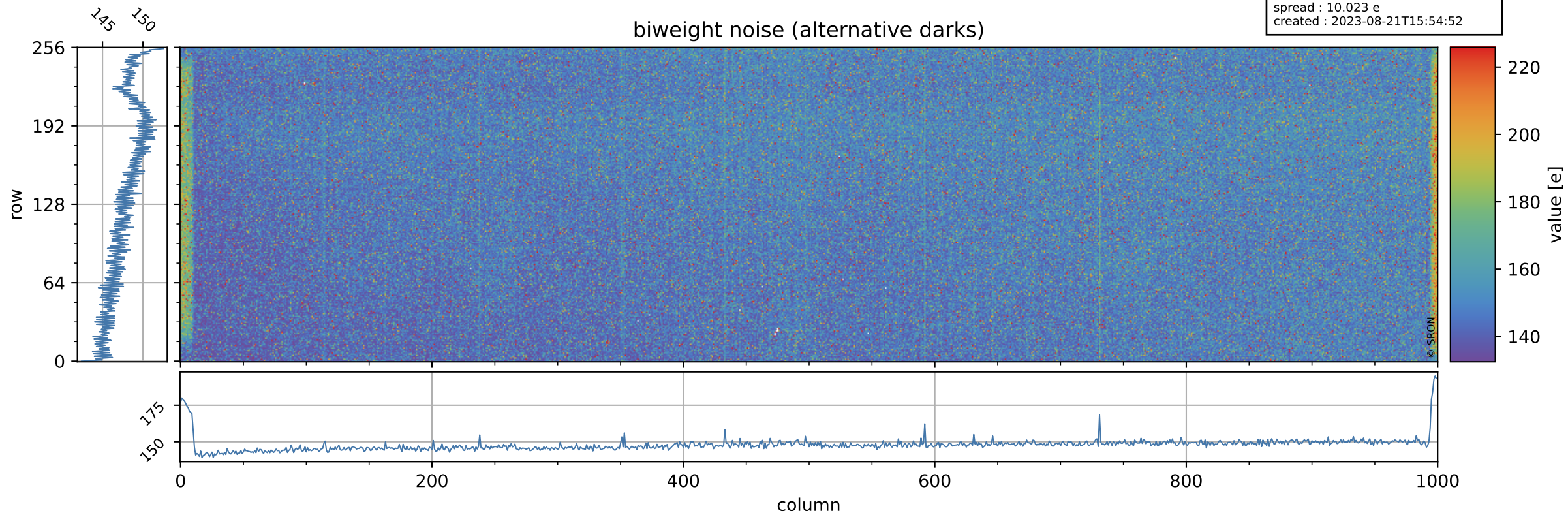
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [17587, 17677]
coverage : 2021-03-06 / 2021-03-12
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.023 e
created : 2023-08-21T15:54:52

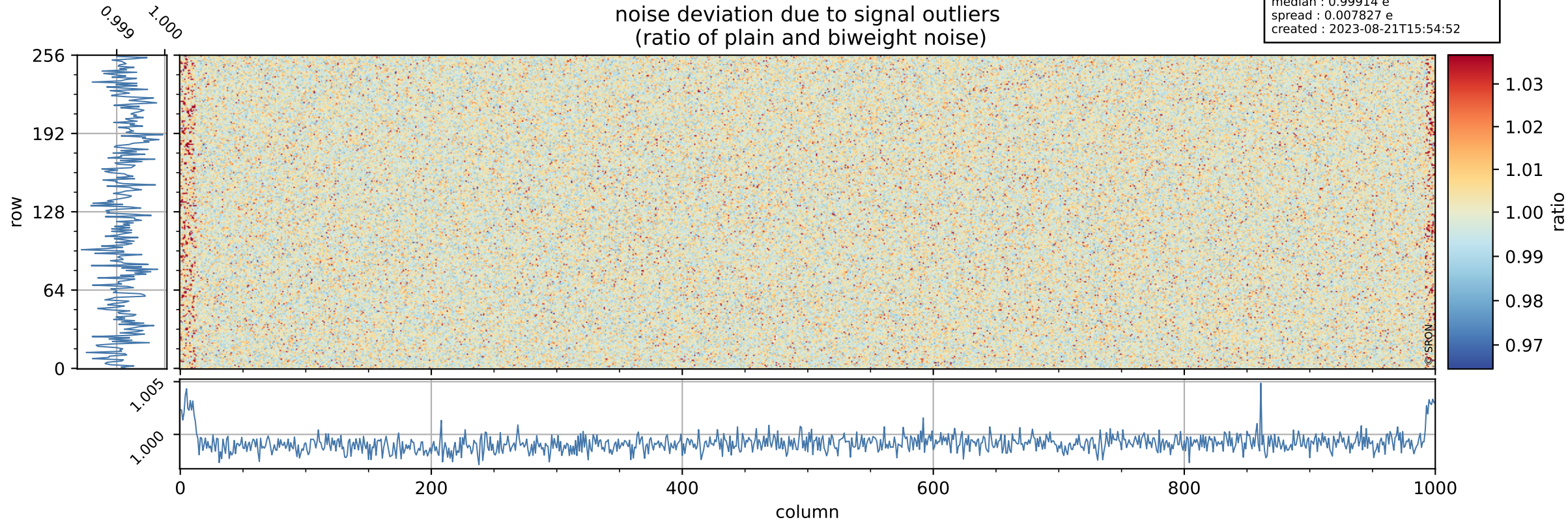
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

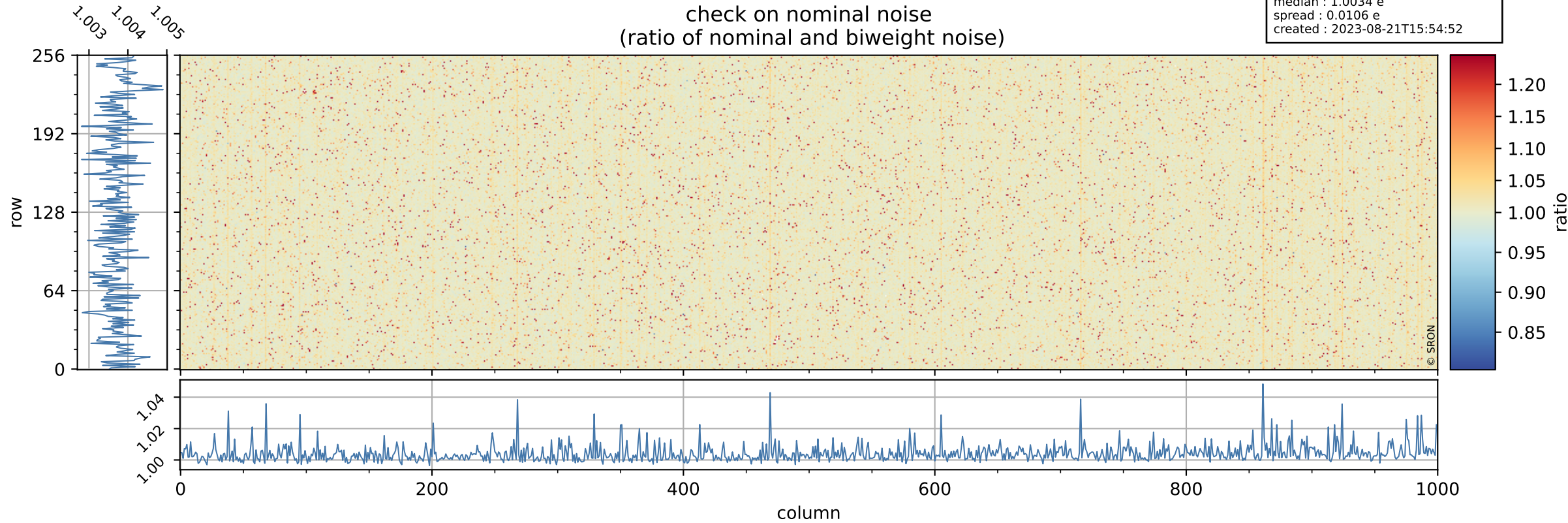
orbits : 13 in [17587, 17677]
coverage : 2021-03-06 / 2021-03-12
median : 0.99914 e
spread : 0.007827 e
created : 2023-08-21T15:54:52



Tropomi SWIR background noise (swir)

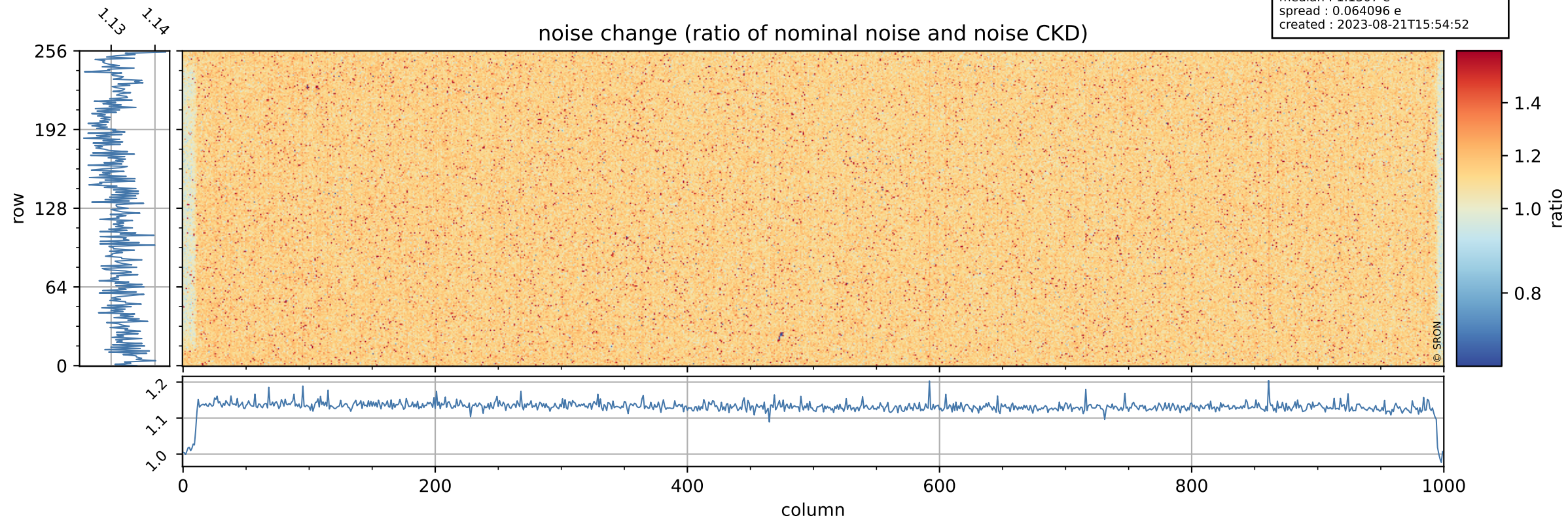
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [17587, 17677]
coverage : 2021-03-06 / 2021-03-12
median : 1.0034 e
spread : 0.0106 e
created : 2023-08-21T15:54:52



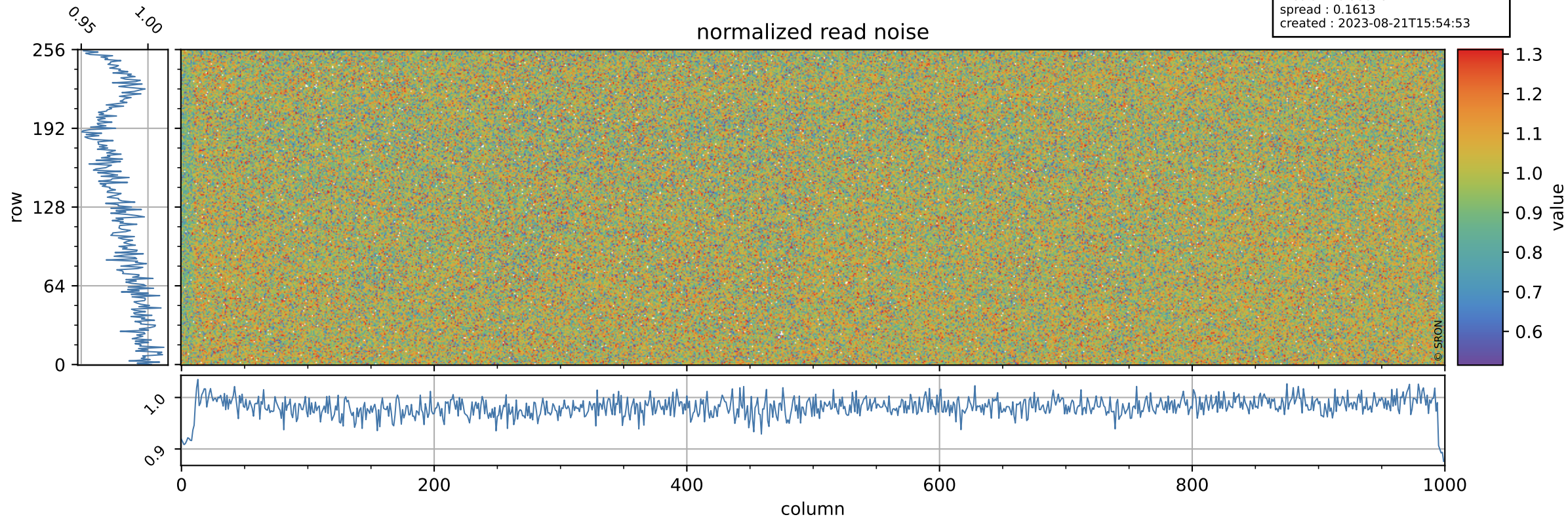
Tropomi SWIR background noise (swir)

orbits : 13 in [17587, 17677]
coverage : 2021-03-06 / 2021-03-12
median : 1.1307 e
spread : 0.064096 e
created : 2023-08-21T15:54:52



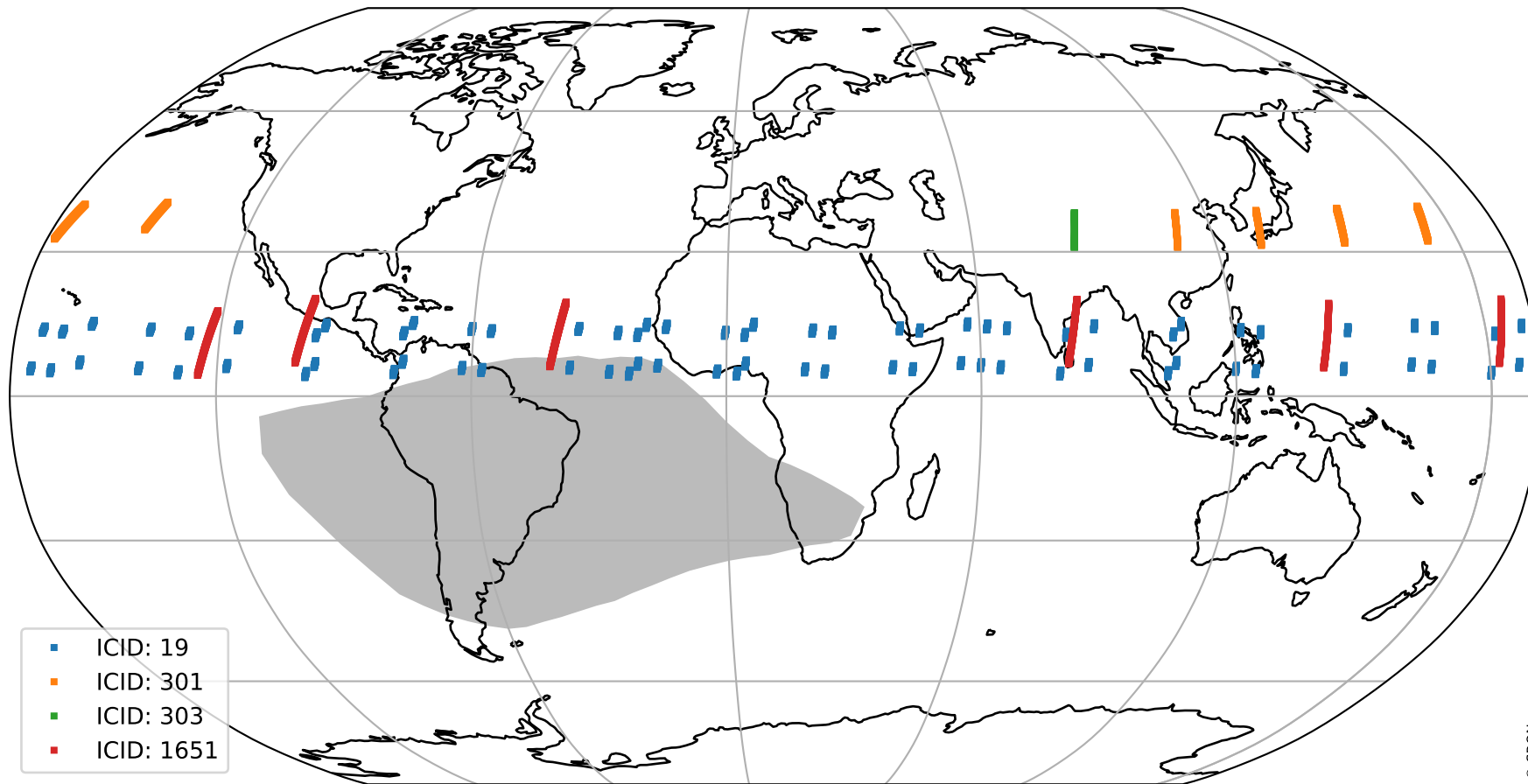
Tropomi SWIR background noise (swir)

orbits : 13 in [17587, 17677]
coverage : 2021-03-06 / 2021-03-12
median : 0.98026
spread : 0.1613
created : 2023-08-21T15:54:53



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

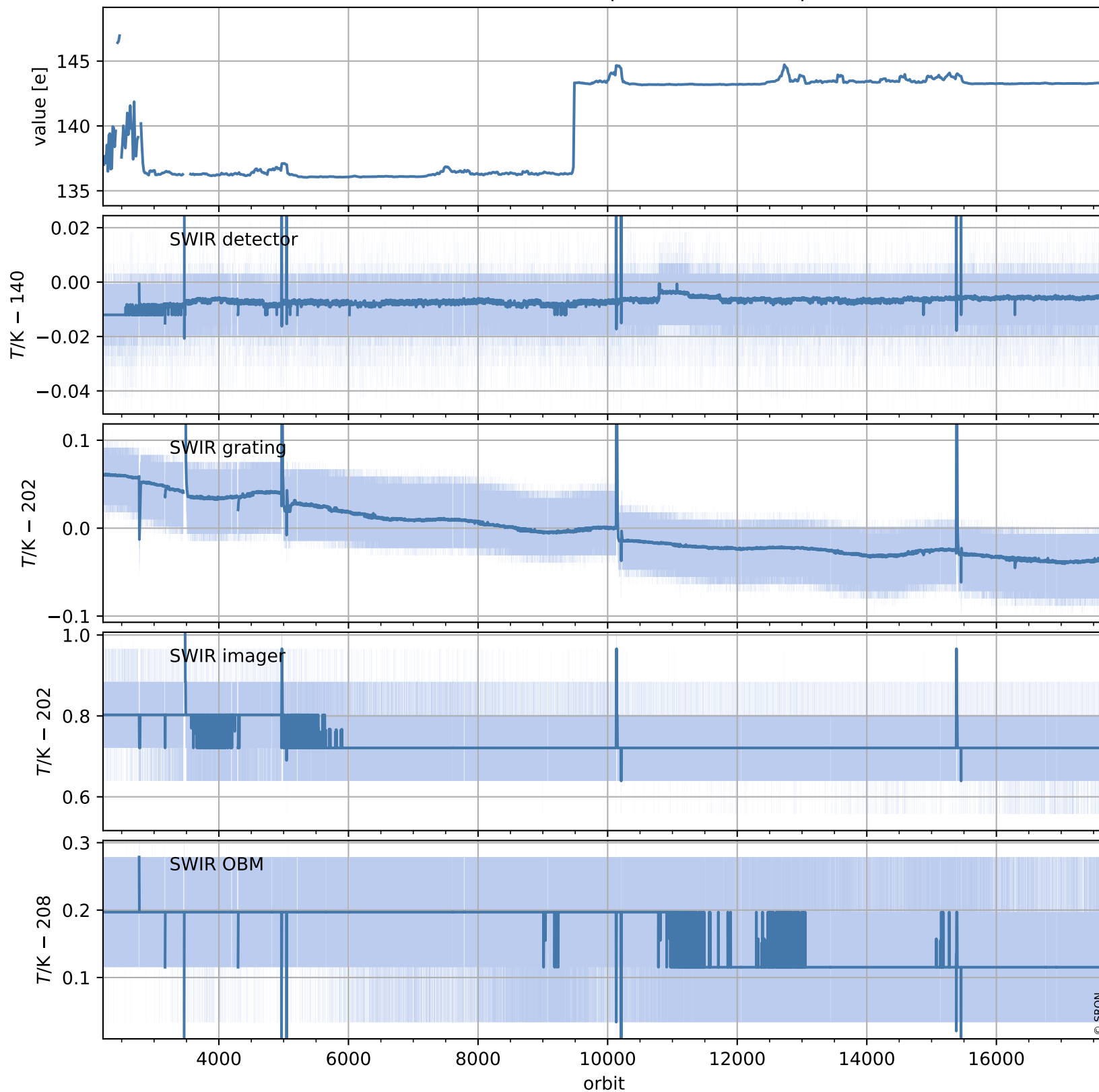
orbits : 13 in [17587, 17677]
coverage : 2021-03-06 / 2021-03-12
created : 2023-08-21T15:54:53



Tropomi SWIR background noise (swir)

orbits : [2212, 17677]
coverage : 2018-03-18 / 2021-03-12
created : 2023-08-21T15:54:53

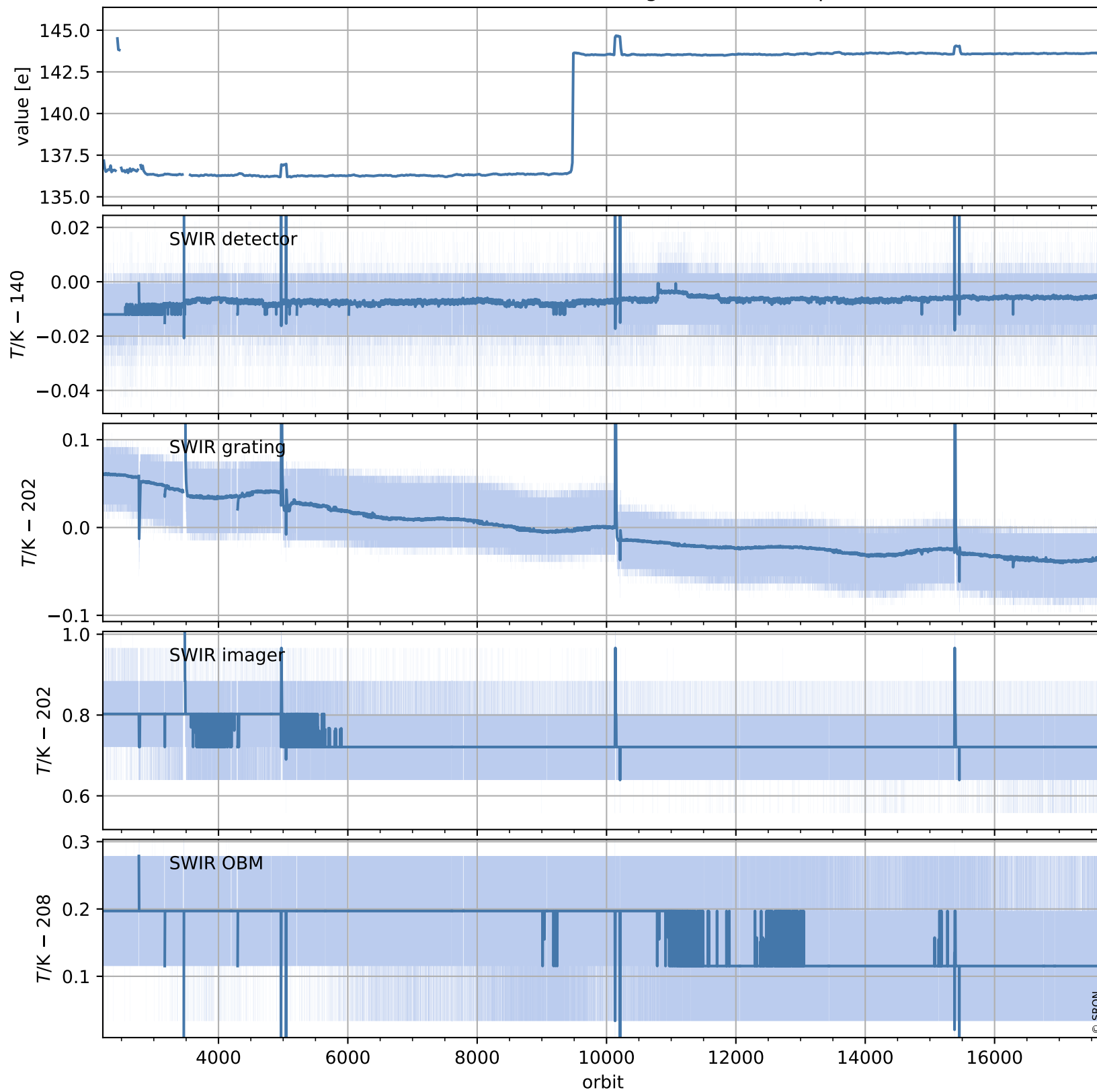
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17677]
coverage : 2018-03-18 / 2021-03-12
created : 2023-08-21T15:54:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17677]
coverage : 2018-03-18 / 2021-03-12
created : 2023-08-21T15:54:55

trend of normalized read-noise & temperatures

