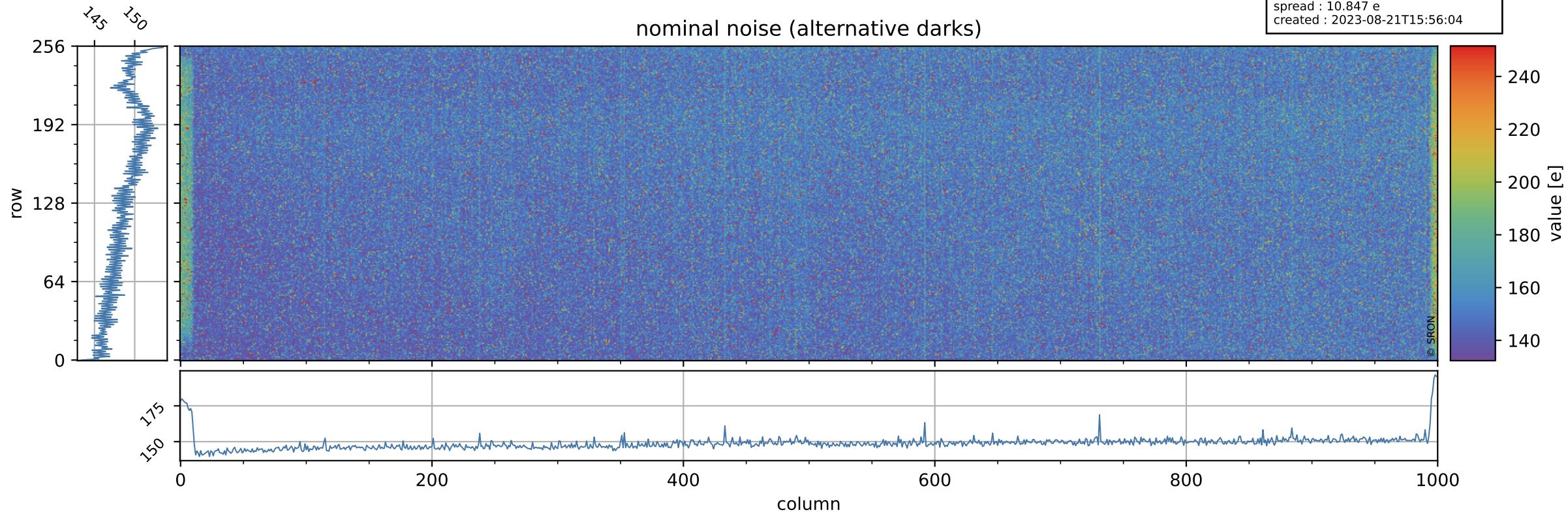


Tropomi SWIR background noise (swir)

orbits : 12 in [17797, 17887]
coverage : 2021-03-21 / 2021-03-27
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 10.847 e
created : 2023-08-21T15:56:04

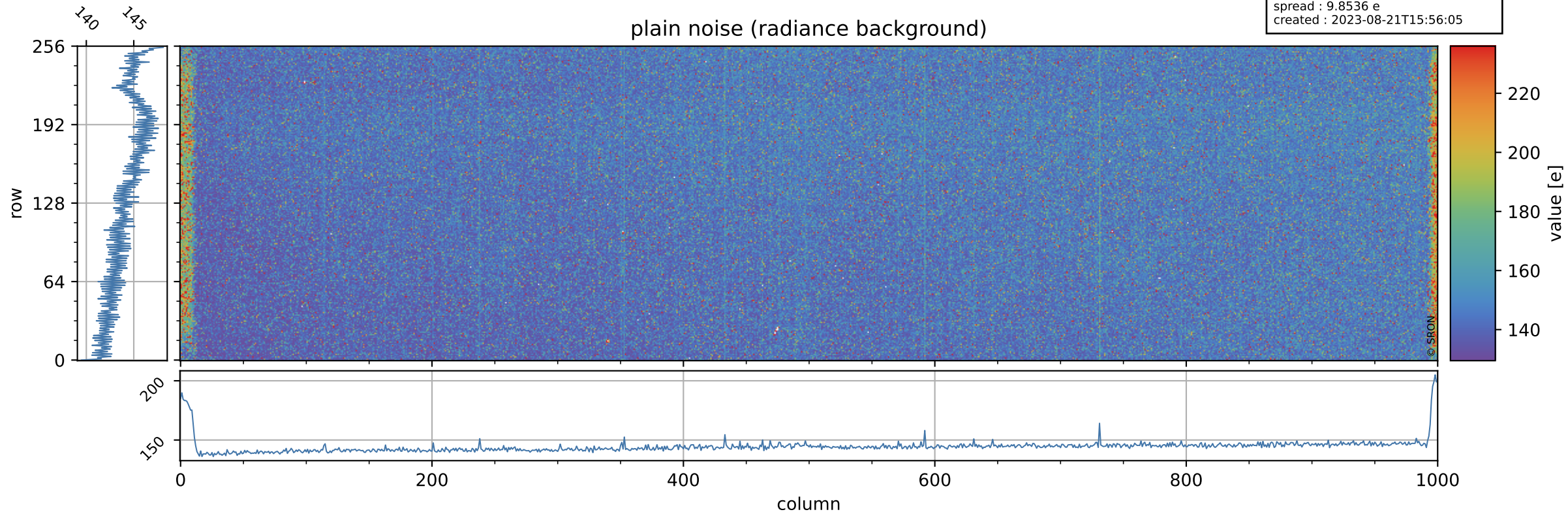
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17797, 17887]
coverage : 2021-03-21 / 2021-03-27
n_coad, t_exp : 1, 0.8383
median : 144.05 e
spread : 9.8536 e
created : 2023-08-21T15:56:05

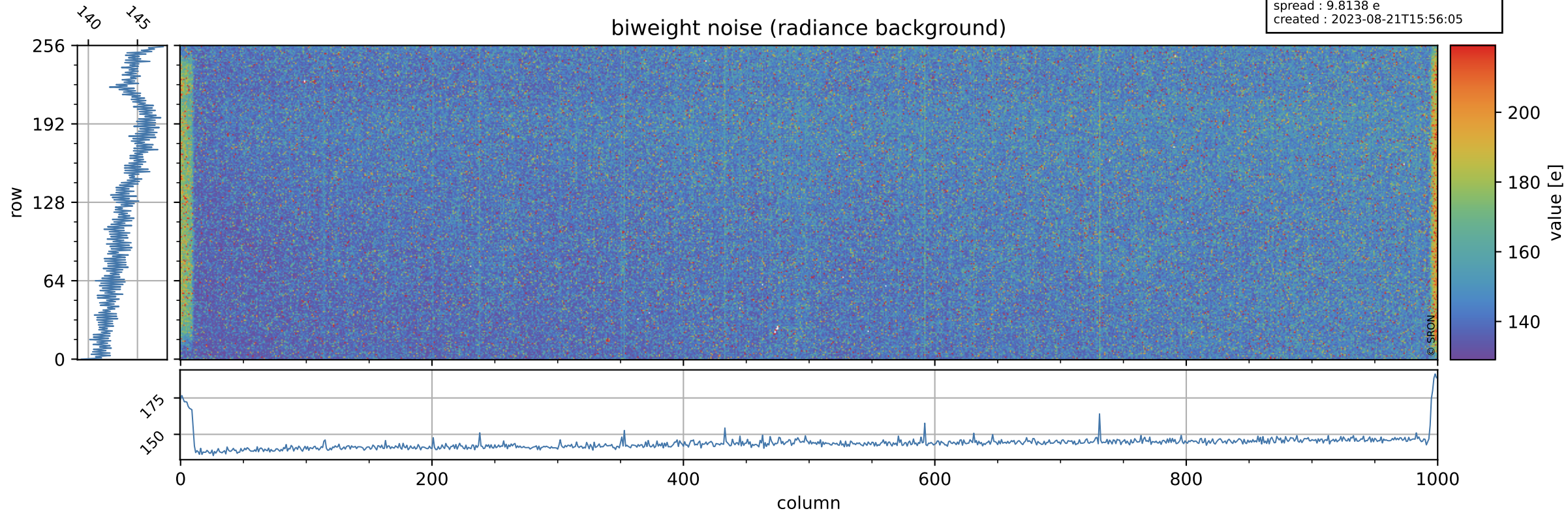
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17797, 17887]
coverage : 2021-03-21 / 2021-03-27
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.8138 e
created : 2023-08-21T15:56:05

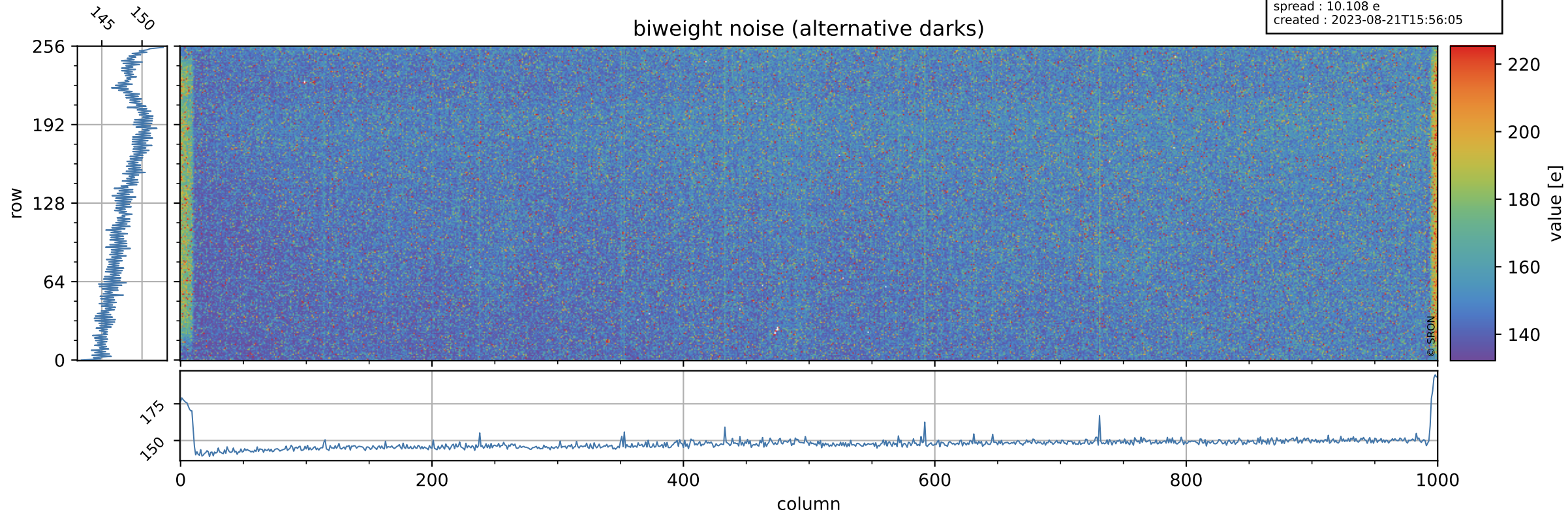
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17797, 17887]
coverage : 2021-03-21 / 2021-03-27
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.108 e
created : 2023-08-21T15:56:05

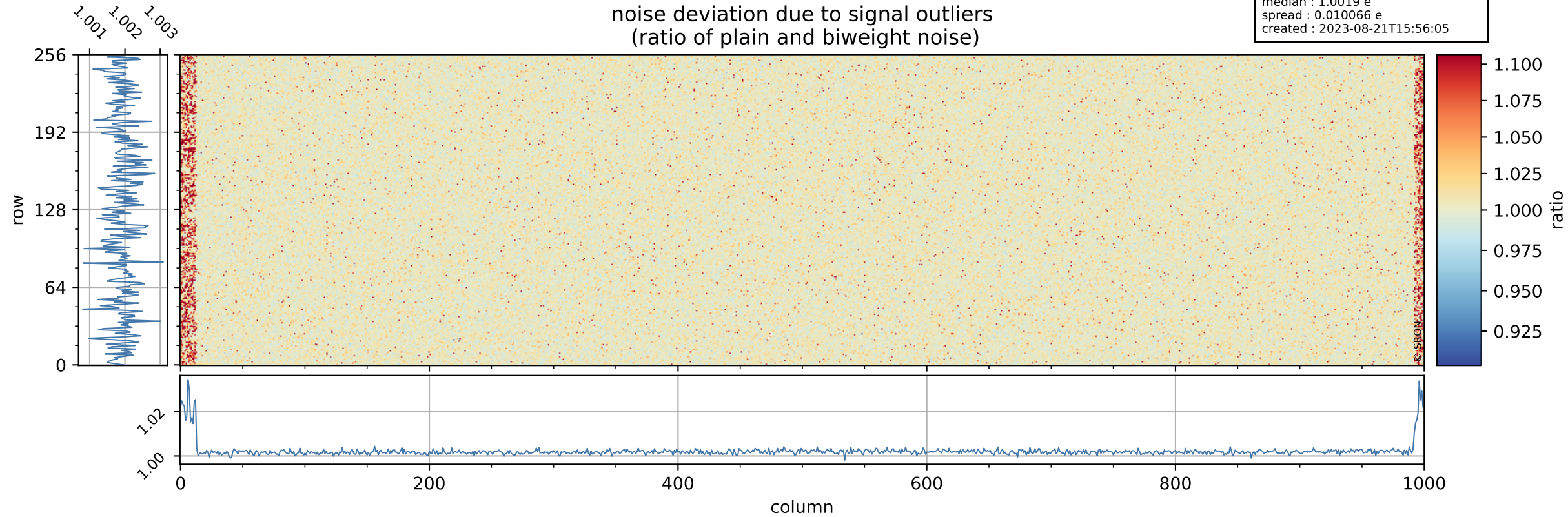
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

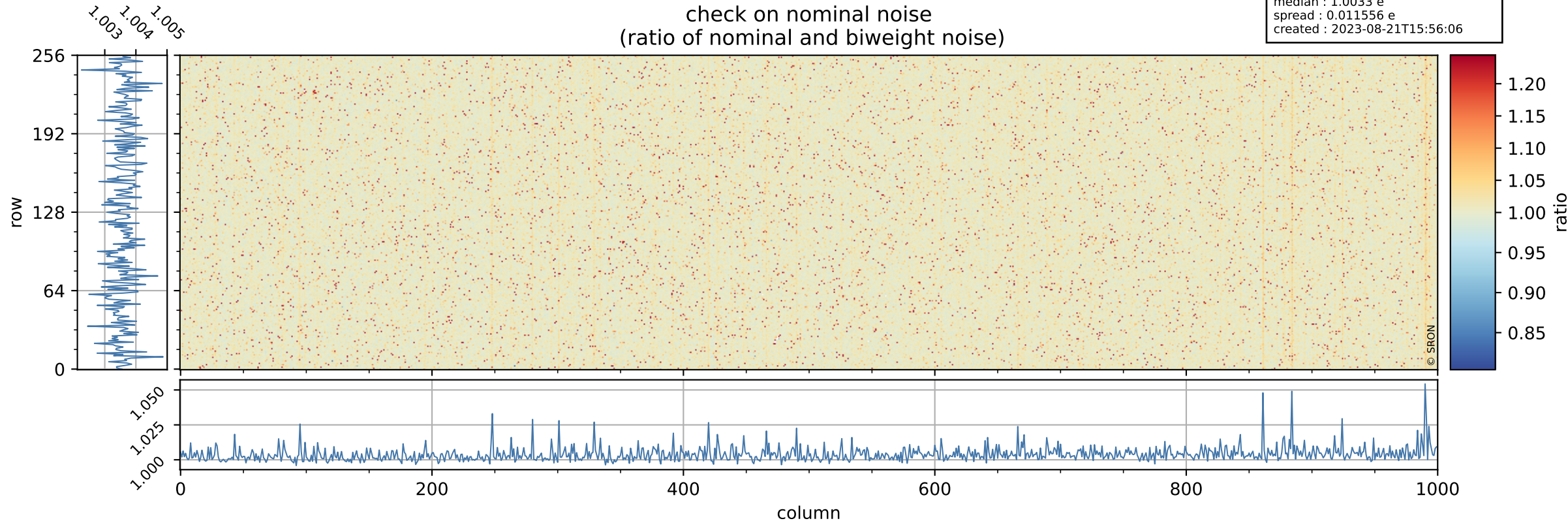
orbits : 12 in [17797, 17887]
coverage : 2021-03-21 / 2021-03-27
median : 1.0019 e
spread : 0.010066 e
created : 2023-08-21T15:56:05



Tropomi SWIR background noise (swir)

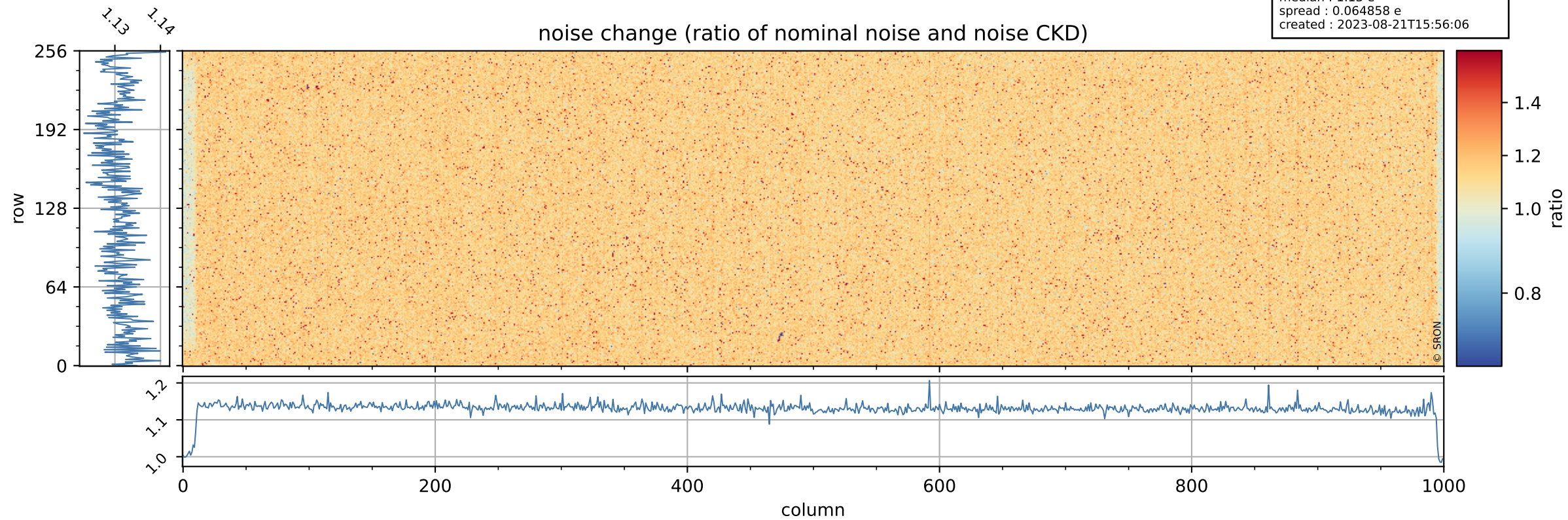
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17797, 17887]
coverage : 2021-03-21 / 2021-03-27
median : 1.0033 e
spread : 0.011556 e
created : 2023-08-21T15:56:06



Tropomi SWIR background noise (swir)

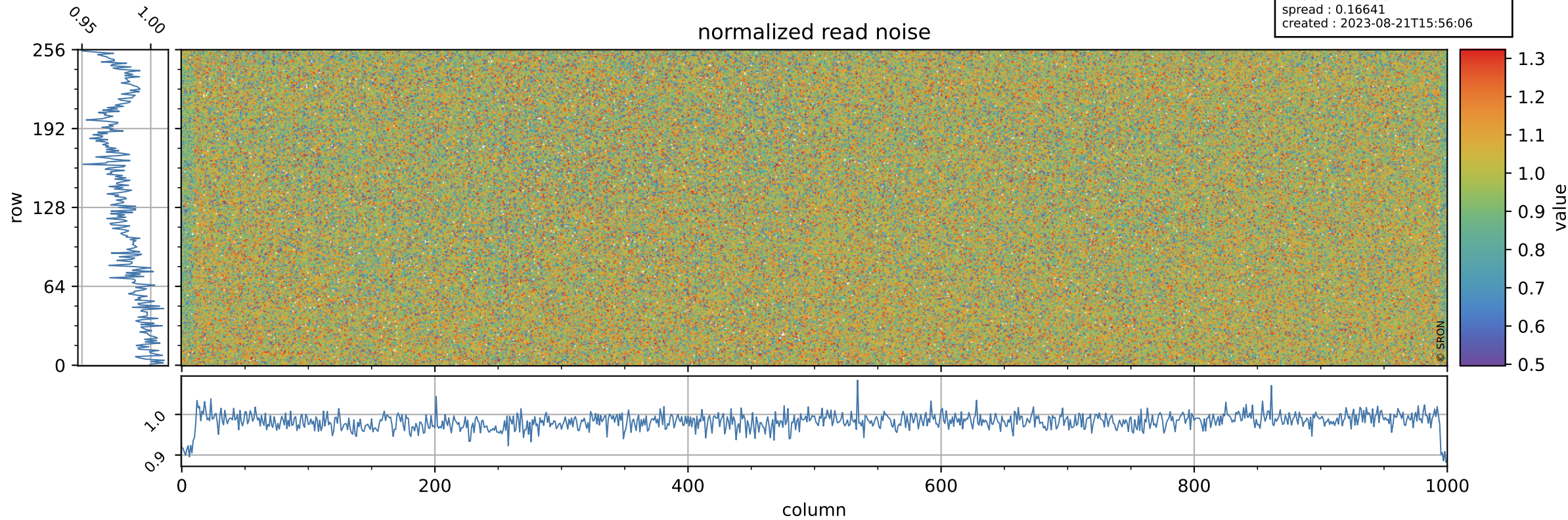
orbits : 12 in [17797, 17887]
coverage : 2021-03-21 / 2021-03-27
median : 1.13 e
spread : 0.064858 e
created : 2023-08-21T15:56:06



Tropomi SWIR background noise (swir)

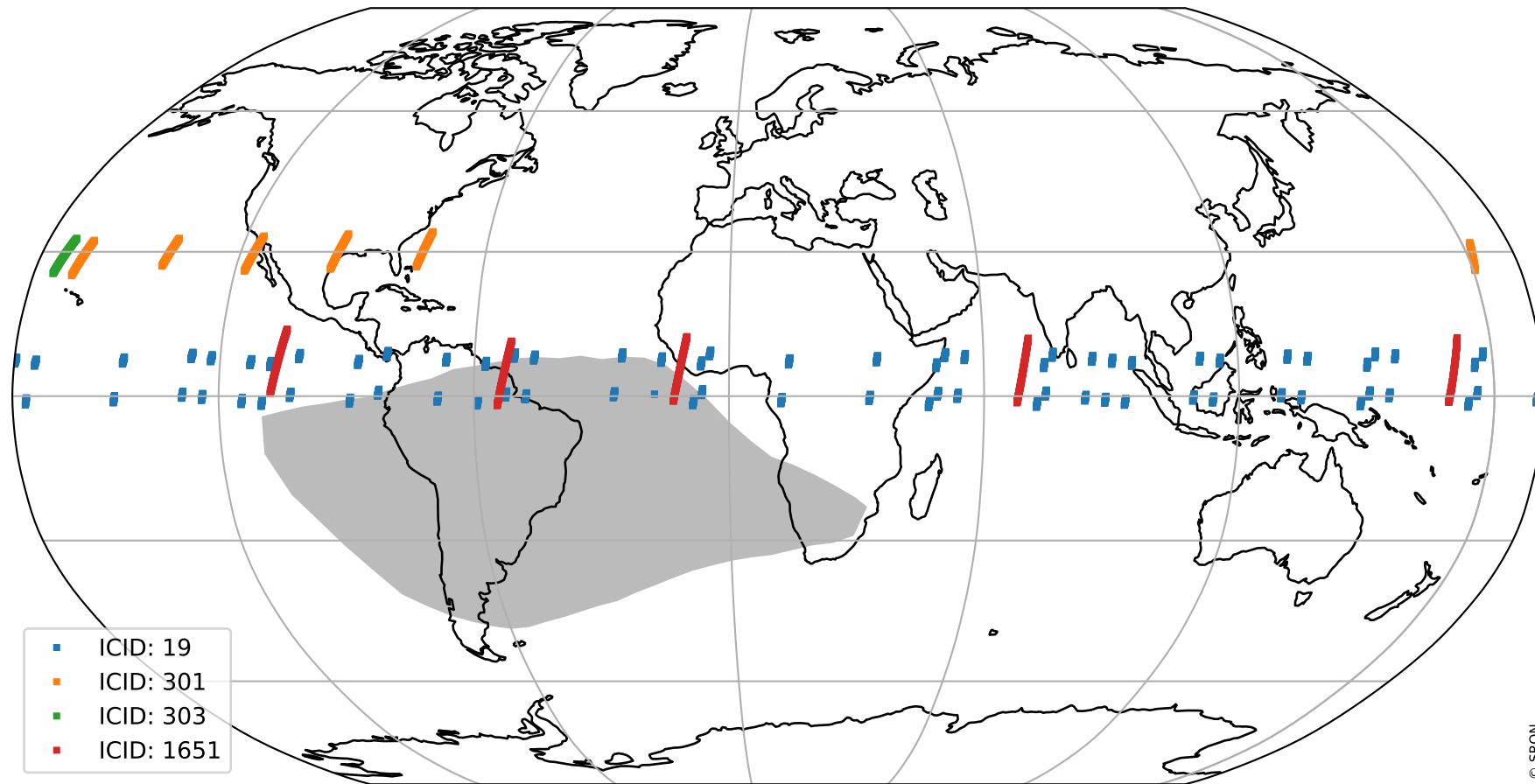
orbits : 12 in [17797, 17887]
coverage : 2021-03-21 / 2021-03-27
median : 0.98139
spread : 0.16641
created : 2023-08-21T15:56:06

normalized read noise



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

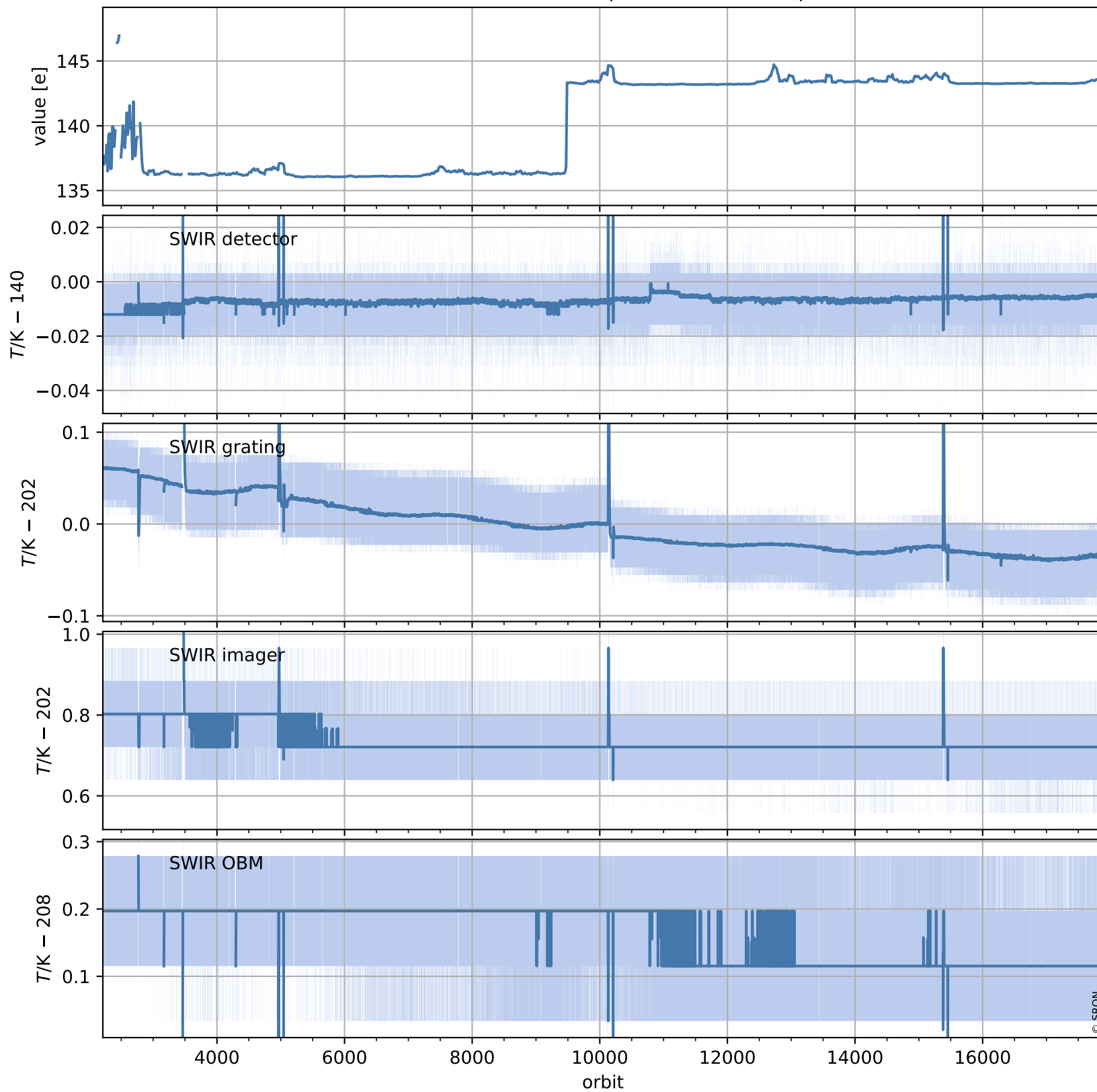
orbits : 12 in [17797, 17887]
coverage : 2021-03-21 / 2021-03-27
created : 2023-08-21T15:56:07



Tropomi SWIR background noise (swir)

orbits : [2212, 17887]
coverage : 2018-03-18 / 2021-03-27
created : 2023-08-21T15:56:07

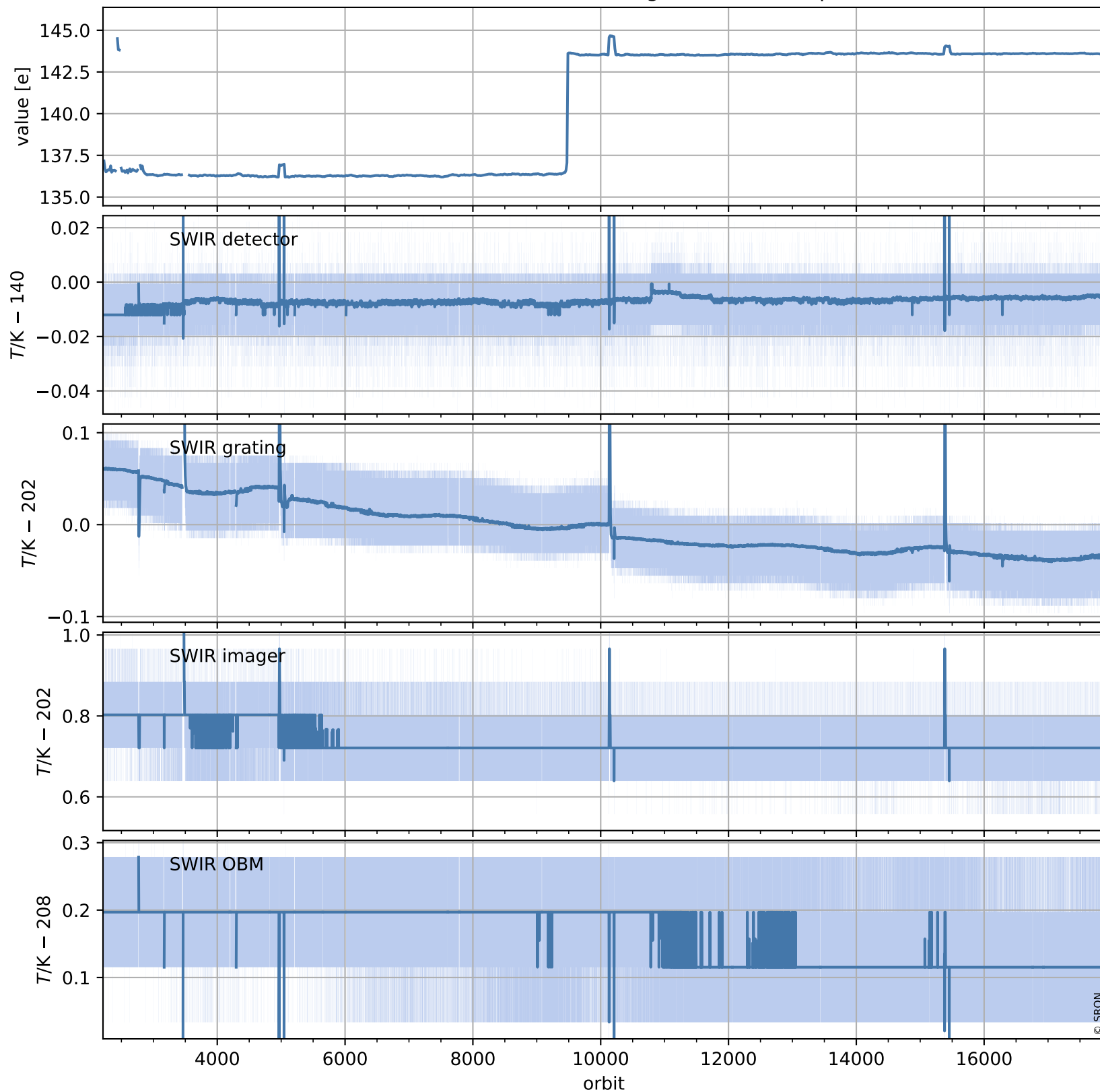
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17887]
coverage : 2018-03-18 / 2021-03-27
created : 2023-08-21T15:56:08

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17887]
coverage : 2018-03-18 / 2021-03-27
created : 2023-08-21T15:56:08

trend of normalized read-noise & temperatures

