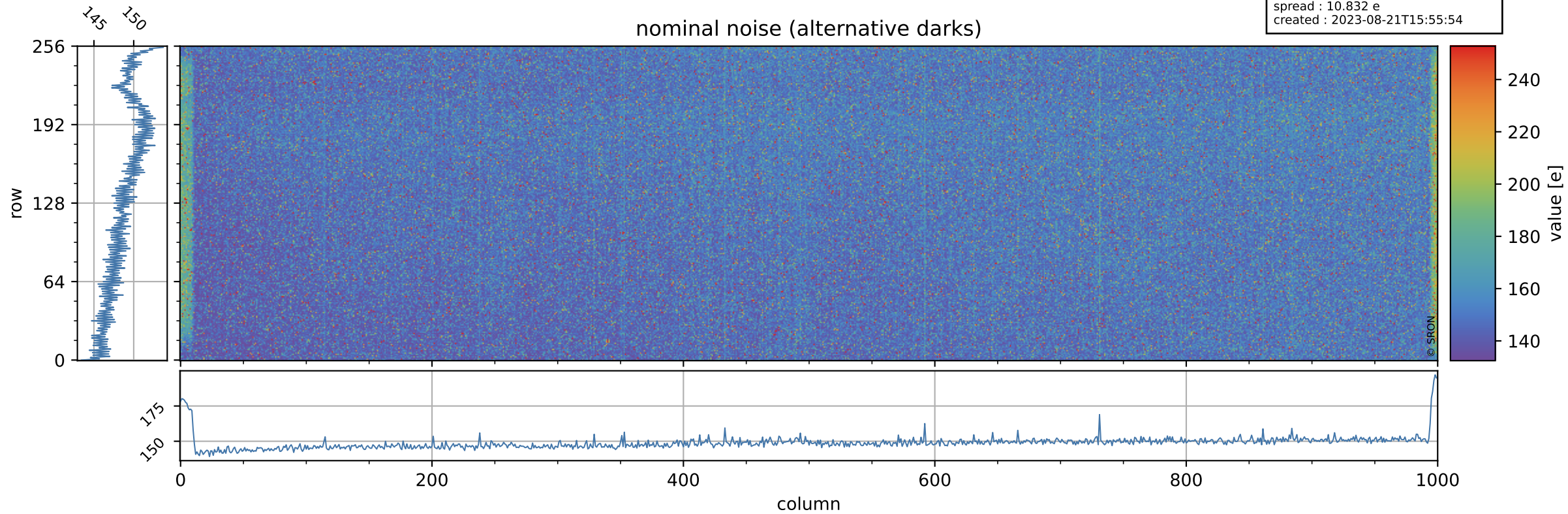


Tropomi SWIR background noise (swir)

orbits : 12 in [17767, 17857]
coverage : 2021-03-19 / 2021-03-25
n_coad, t_exp : 1, 1.0783
median : 148.68 e
spread : 10.832 e
created : 2023-08-21T15:55:54

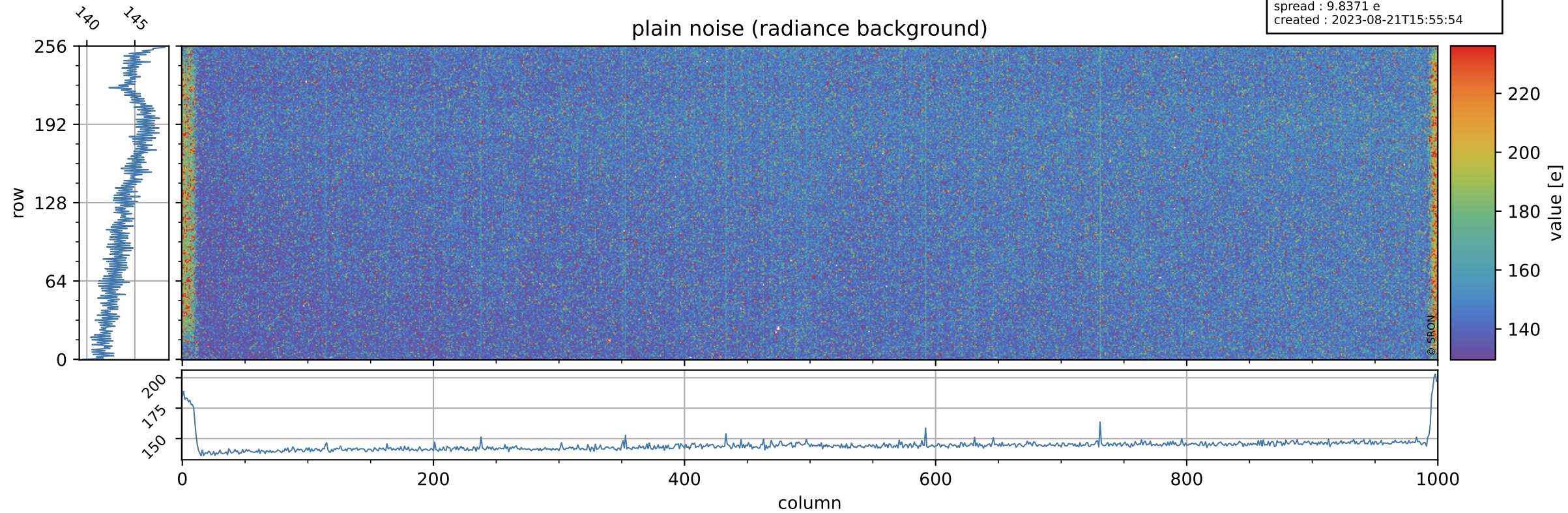
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17767, 17857]
coverage : 2021-03-19 / 2021-03-25
n_coad, t_exp : 1, 0.8383
median : 144 e
spread : 9.8371 e
created : 2023-08-21T15:55:54

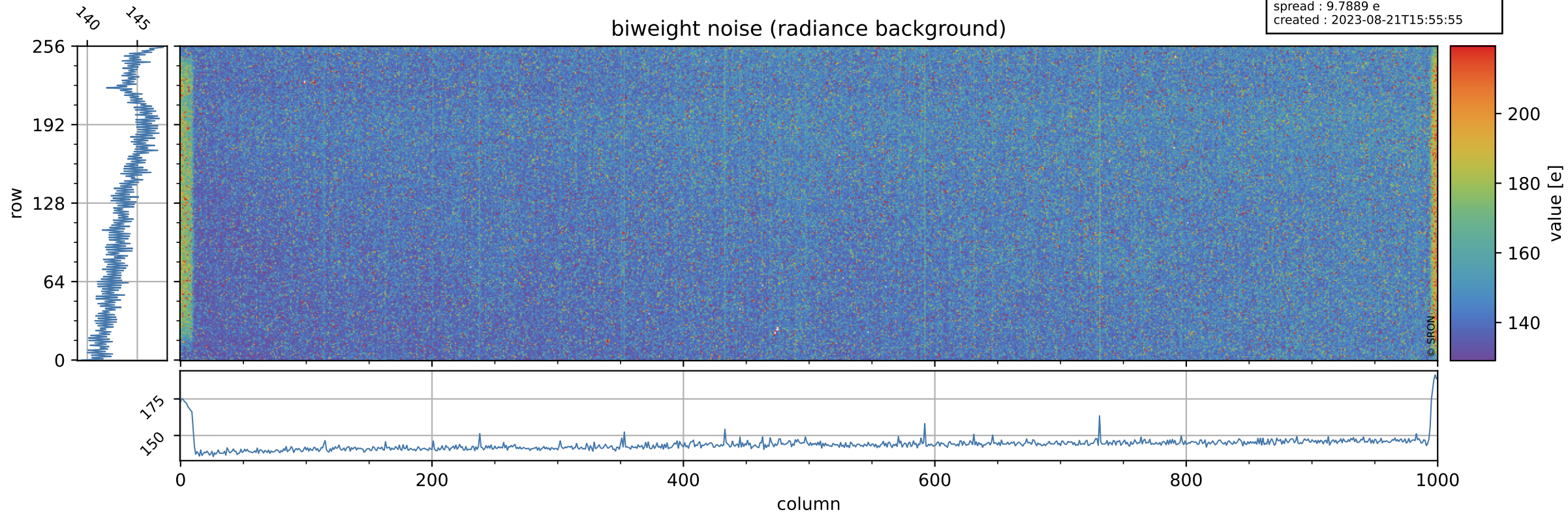
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17767, 17857]
coverage : 2021-03-19 / 2021-03-25
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.7889 e
created : 2023-08-21T15:55:55

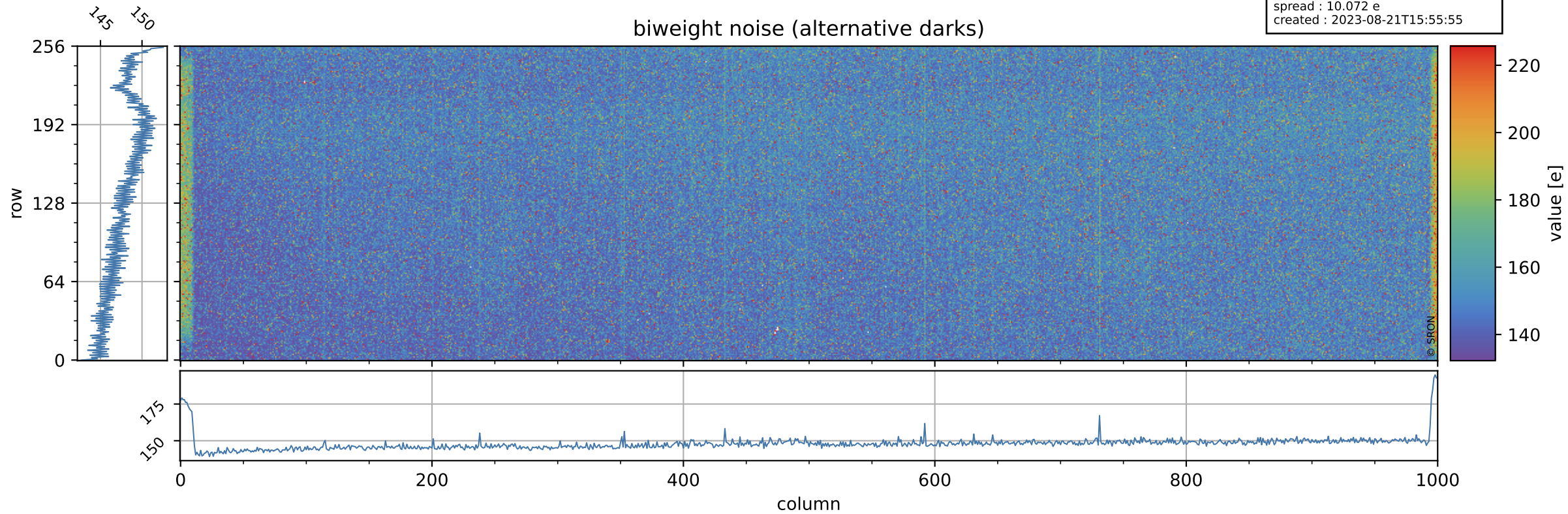
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17767, 17857]
coverage : 2021-03-19 / 2021-03-25
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.072 e
created : 2023-08-21T15:55:55

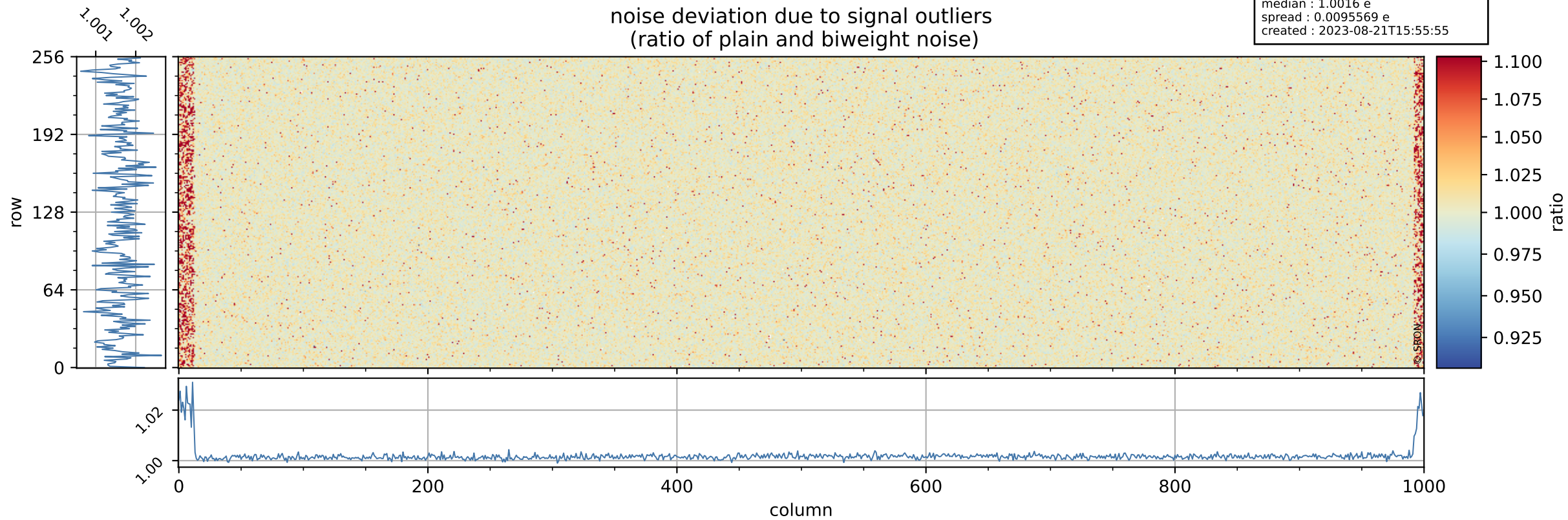
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

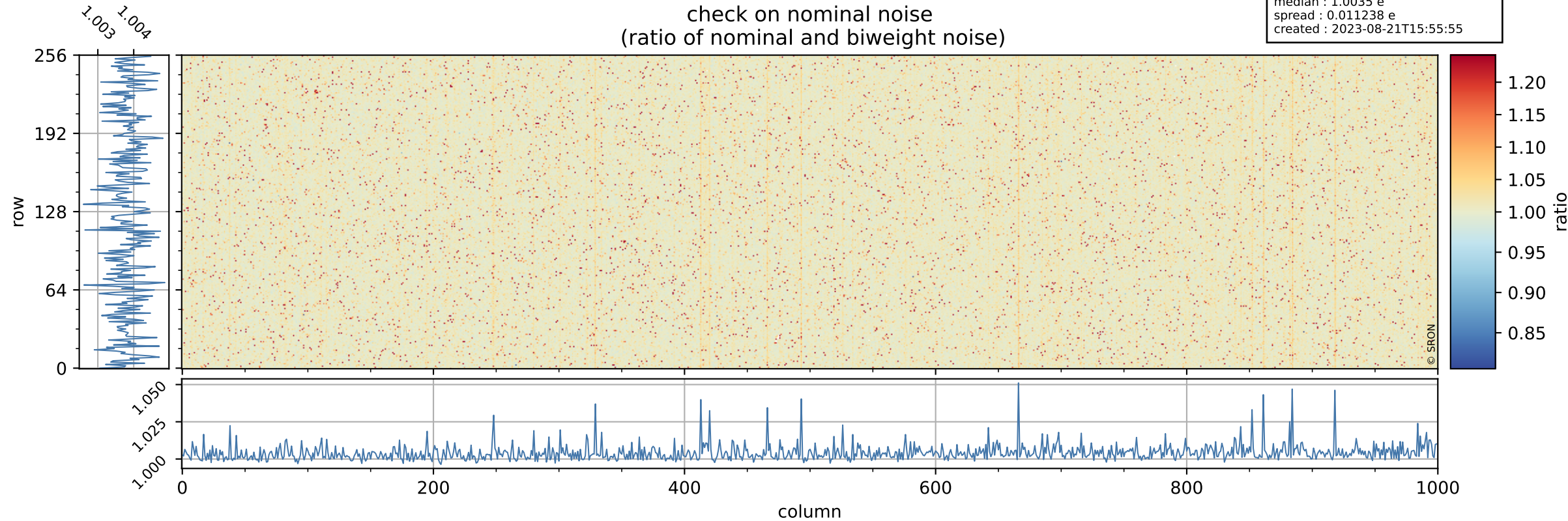
orbits : 12 in [17767, 17857]
coverage : 2021-03-19 / 2021-03-25
median : 1.0016 e
spread : 0.0095569 e
created : 2023-08-21T15:55:55



Tropomi SWIR background noise (swir)

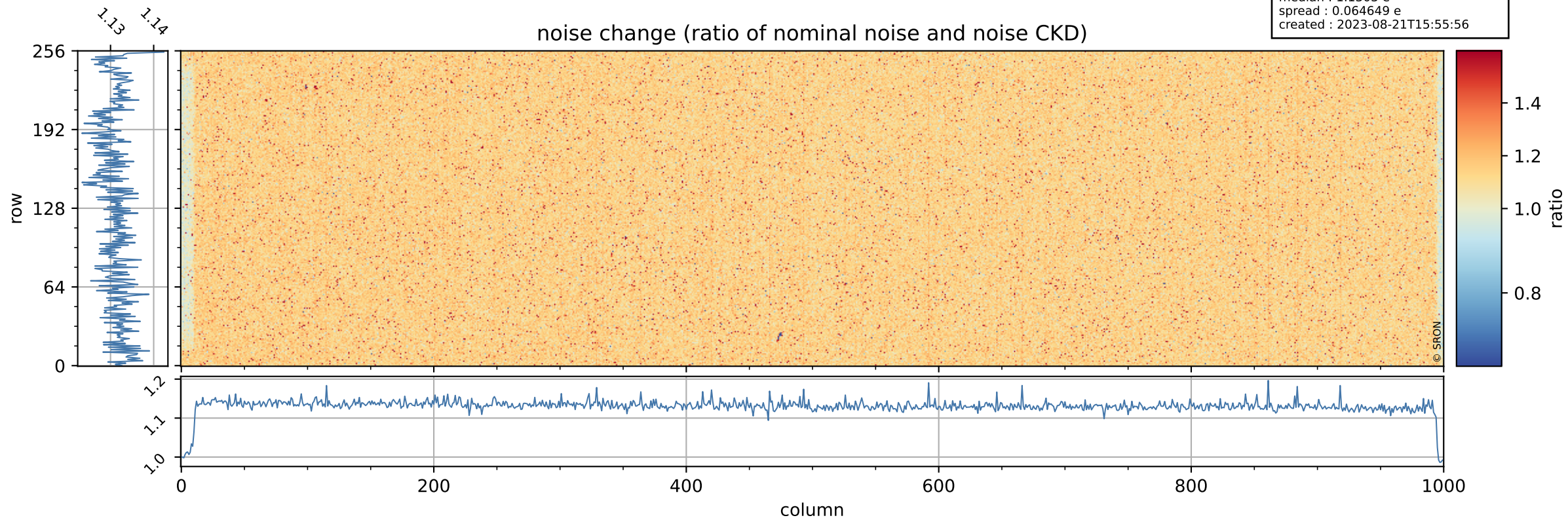
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17767, 17857]
coverage : 2021-03-19 / 2021-03-25
median : 1.0035 e
spread : 0.011238 e
created : 2023-08-21T15:55:55



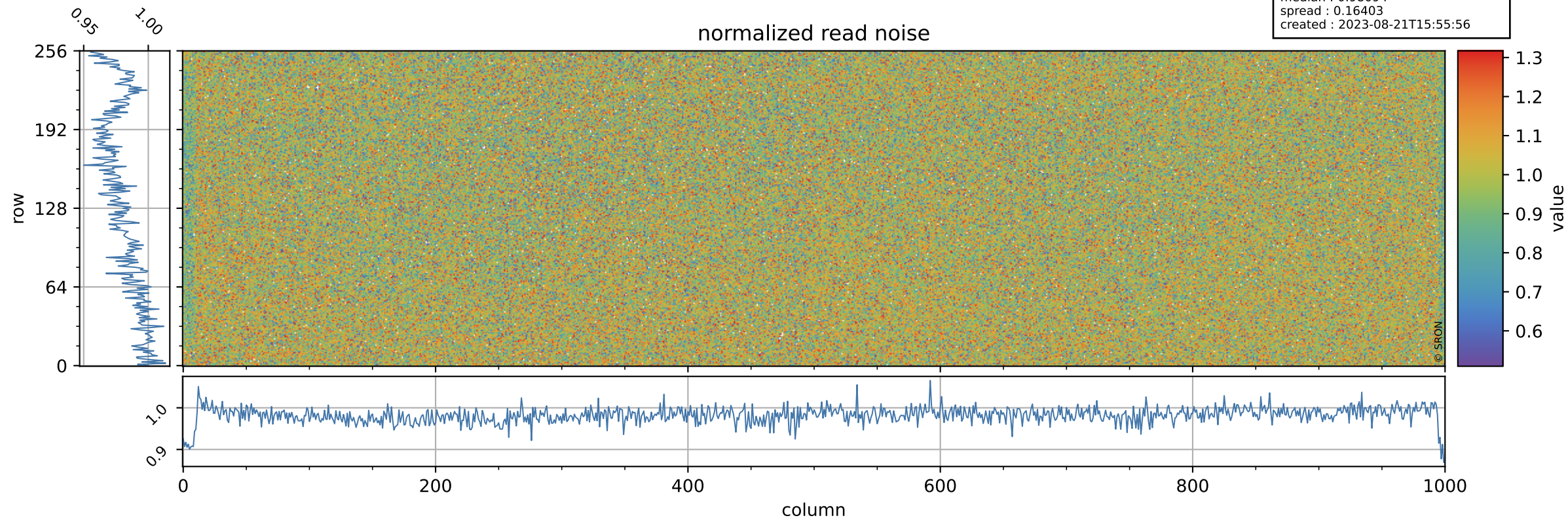
Tropomi SWIR background noise (swir)

orbits : 12 in [17767, 17857]
coverage : 2021-03-19 / 2021-03-25
median : 1.1303 e
spread : 0.064649 e
created : 2023-08-21T15:55:56



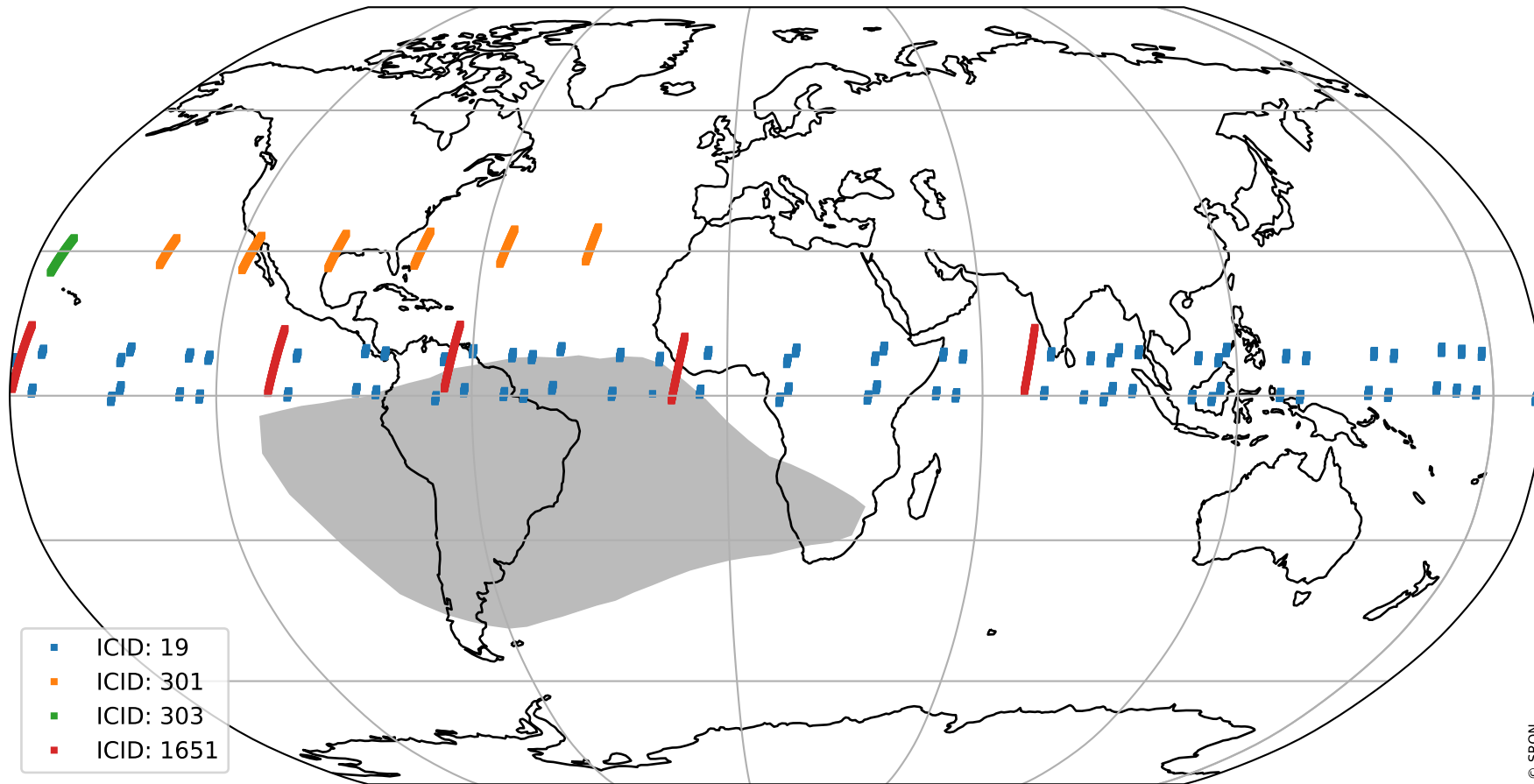
Tropomi SWIR background noise (swir)

orbits : 12 in [17767, 17857]
coverage : 2021-03-19 / 2021-03-25
median : 0.98094
spread : 0.16403
created : 2023-08-21T15:55:56



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

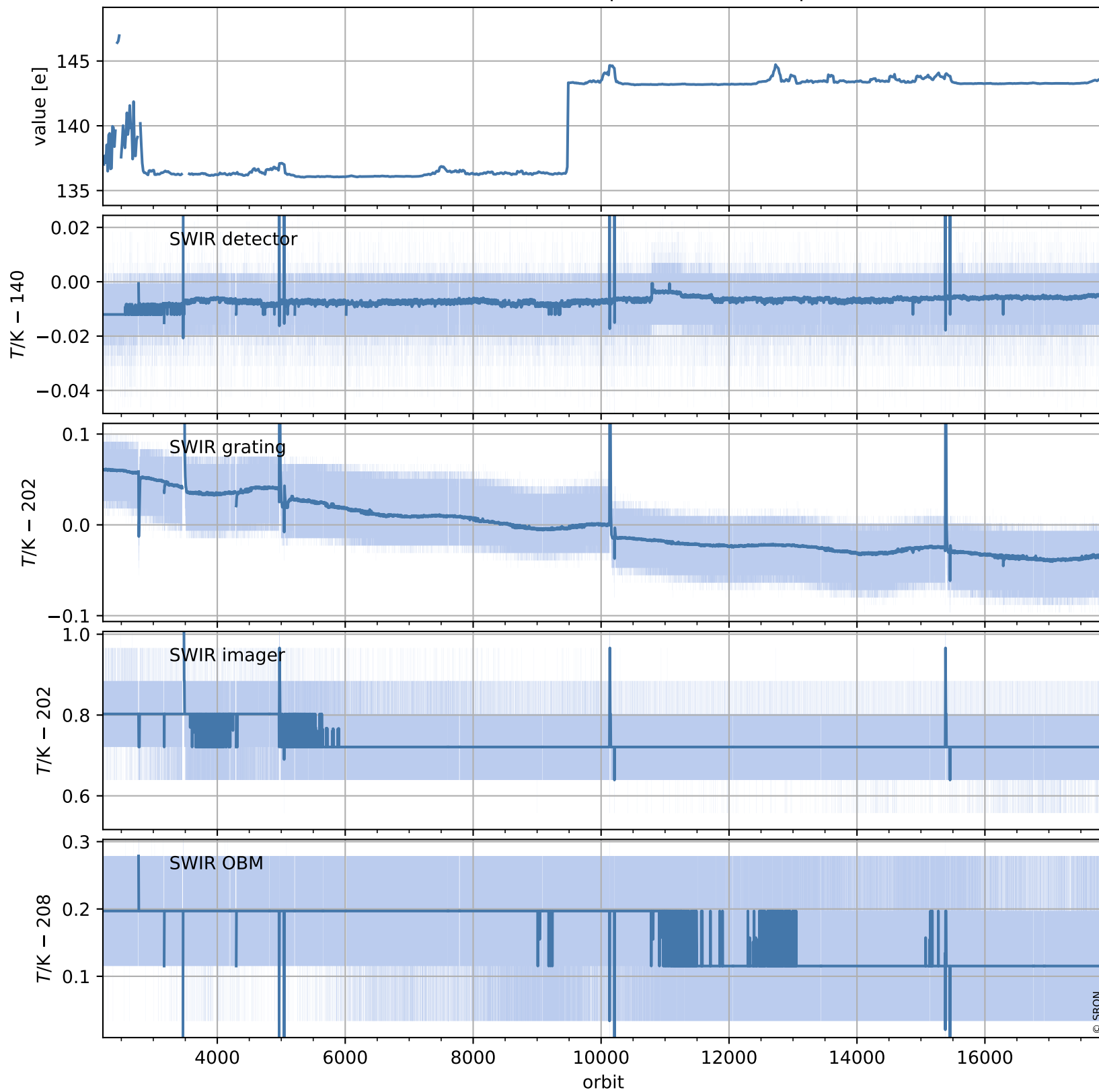
orbits : 12 in [17767, 17857]
coverage : 2021-03-19 / 2021-03-25
created : 2023-08-21T15:55:56



Tropomi SWIR background noise (swir)

orbits : [2212, 17857]
coverage : 2018-03-18 / 2021-03-25
created : 2023-08-21T15:55:57

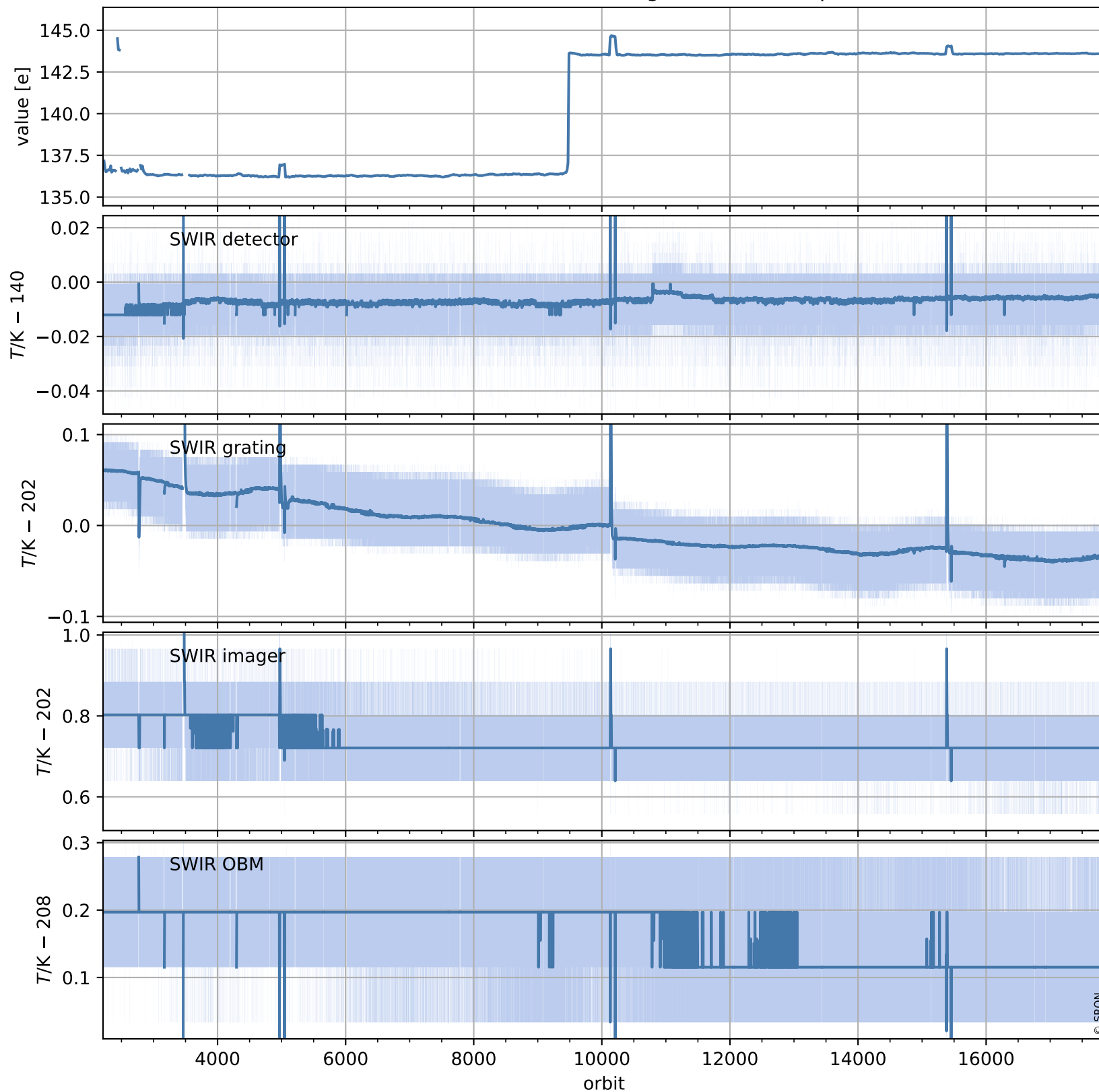
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17857]
coverage : 2018-03-18 / 2021-03-25
created : 2023-08-21T15:55:57

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17857]
coverage : 2018-03-18 / 2021-03-25
created : 2023-08-21T15:55:58

trend of normalized read-noise & temperatures

