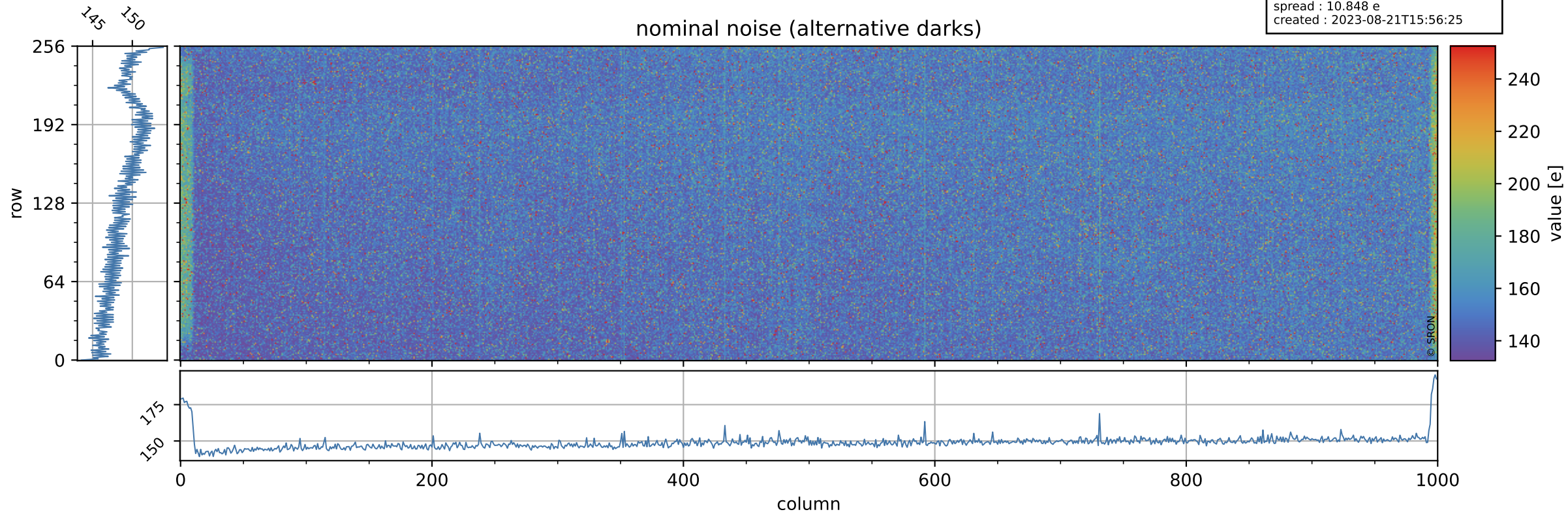


Tropomi SWIR background noise (swir)

orbits : 12 in [17857, 17947]
coverage : 2021-03-25 / 2021-03-31
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.848 e
created : 2023-08-21T15:56:25

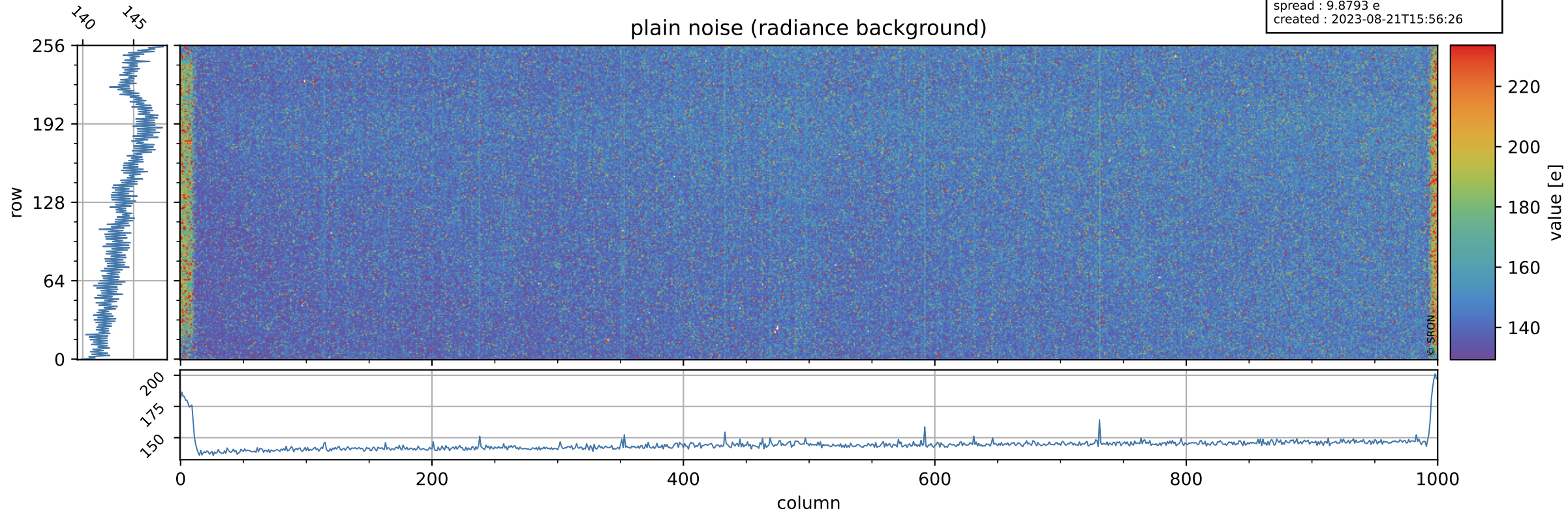
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17857, 17947]
coverage : 2021-03-25 / 2021-03-31
n_coad, t_exp : 1, 0.8383
median : 143.99 e
spread : 9.8793 e
created : 2023-08-21T15:56:26

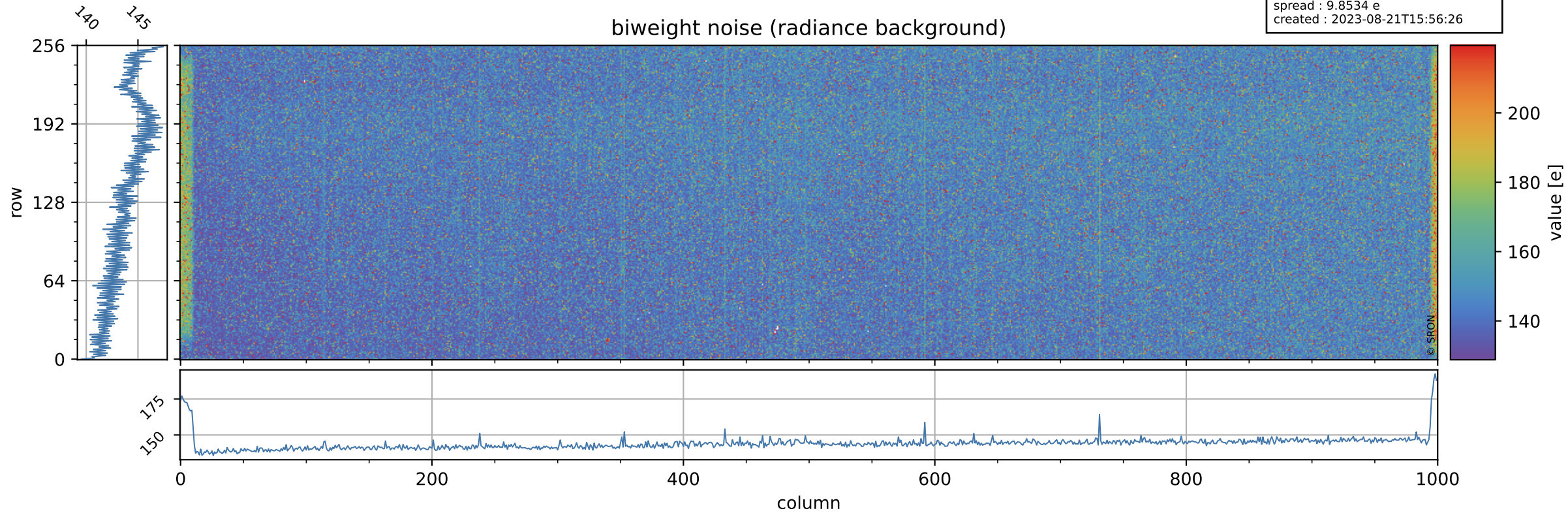
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17857, 17947]
coverage : 2021-03-25 / 2021-03-31
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.8534 e
created : 2023-08-21T15:56:26

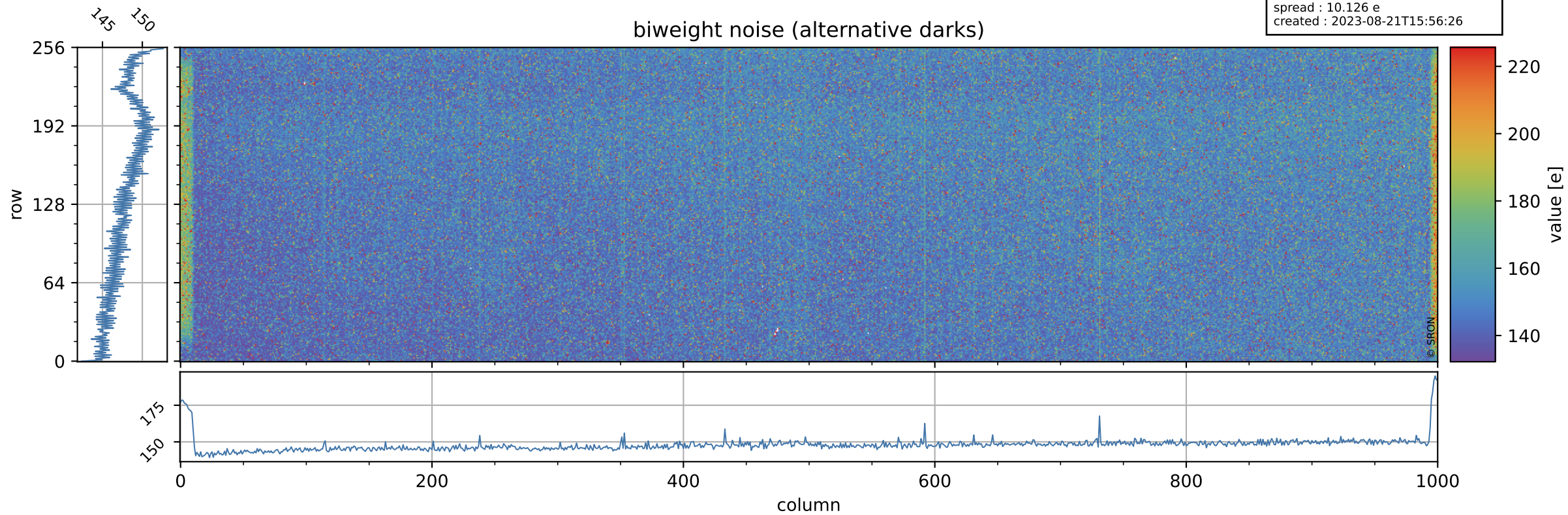
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17857, 17947]
coverage : 2021-03-25 / 2021-03-31
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.126 e
created : 2023-08-21T15:56:26

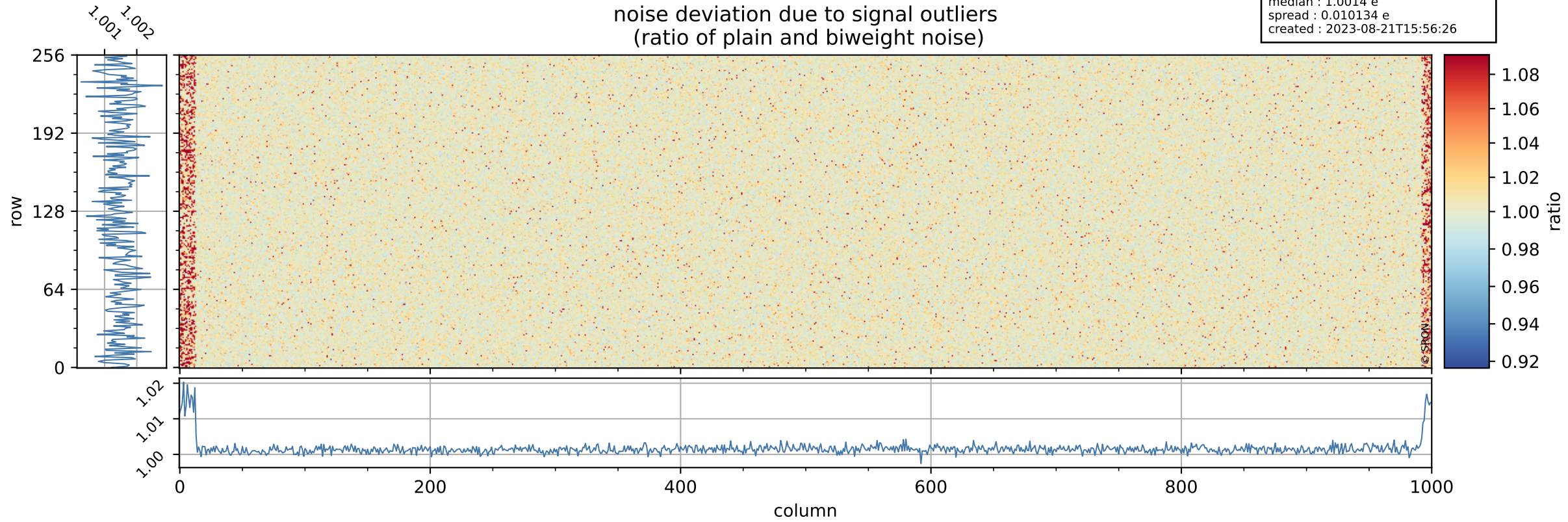
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

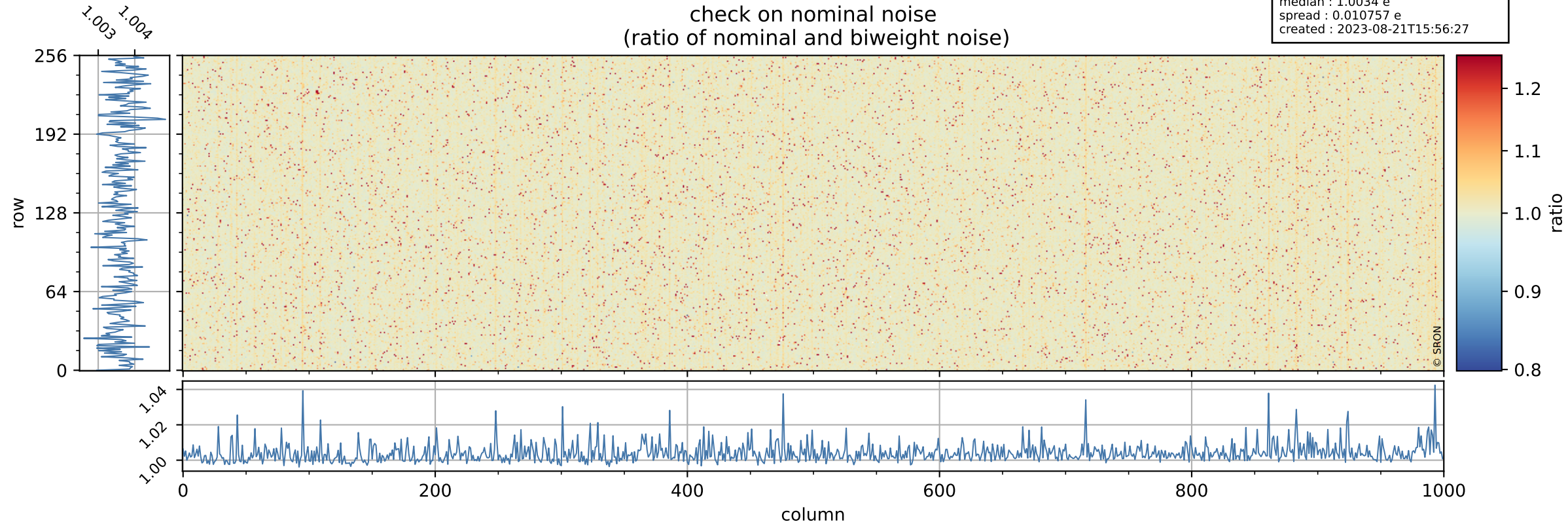
orbits : 12 in [17857, 17947]
coverage : 2021-03-25 / 2021-03-31
median : 1.0014 e
spread : 0.010134 e
created : 2023-08-21T15:56:26



Tropomi SWIR background noise (swir)

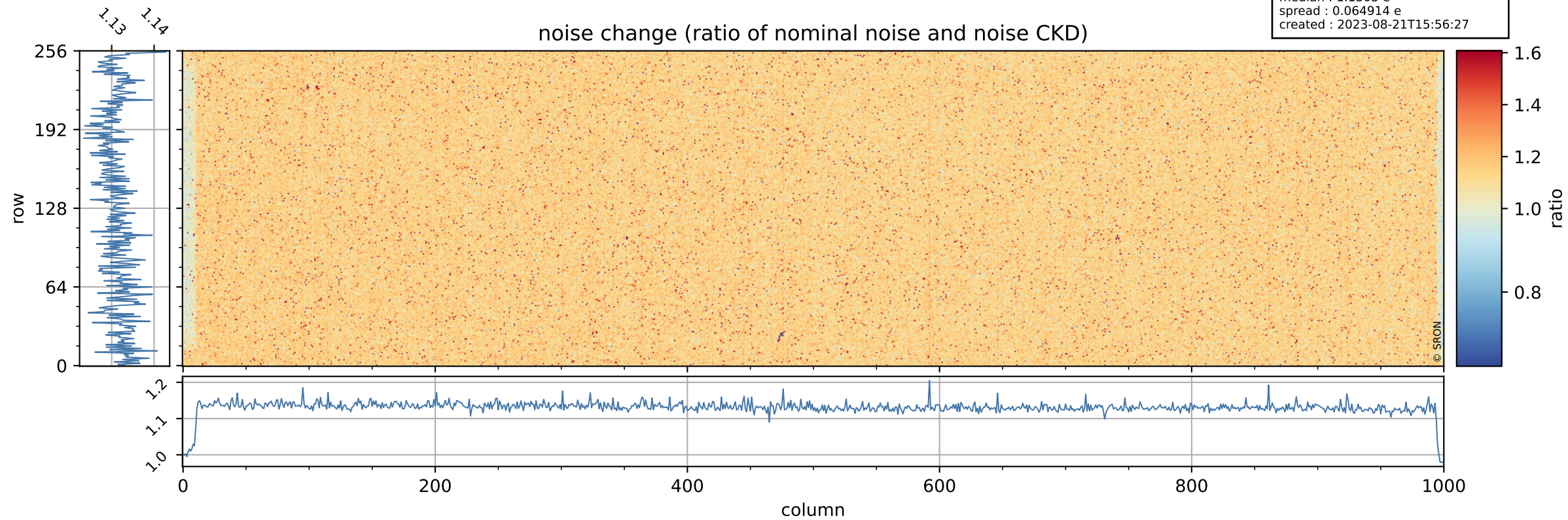
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17857, 17947]
coverage : 2021-03-25 / 2021-03-31
median : 1.0034 e
spread : 0.010757 e
created : 2023-08-21T15:56:27



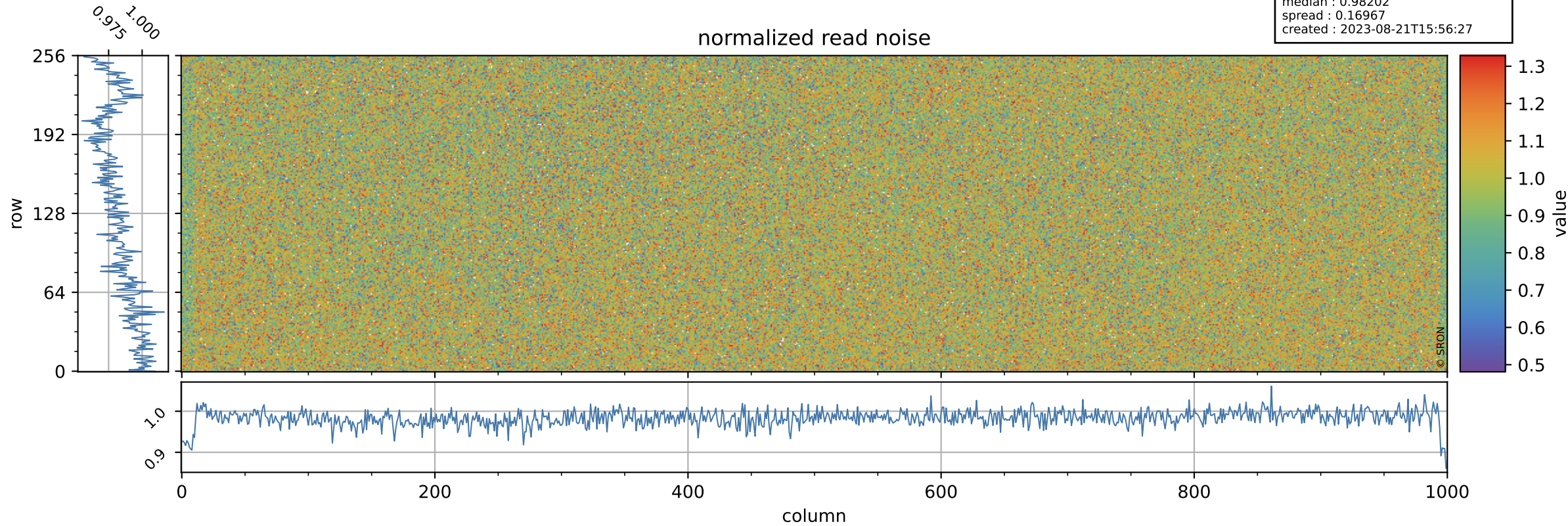
Tropomi SWIR background noise (swir)

orbits : 12 in [17857, 17947]
coverage : 2021-03-25 / 2021-03-31
median : 1.1303 e
spread : 0.064914 e
created : 2023-08-21T15:56:27



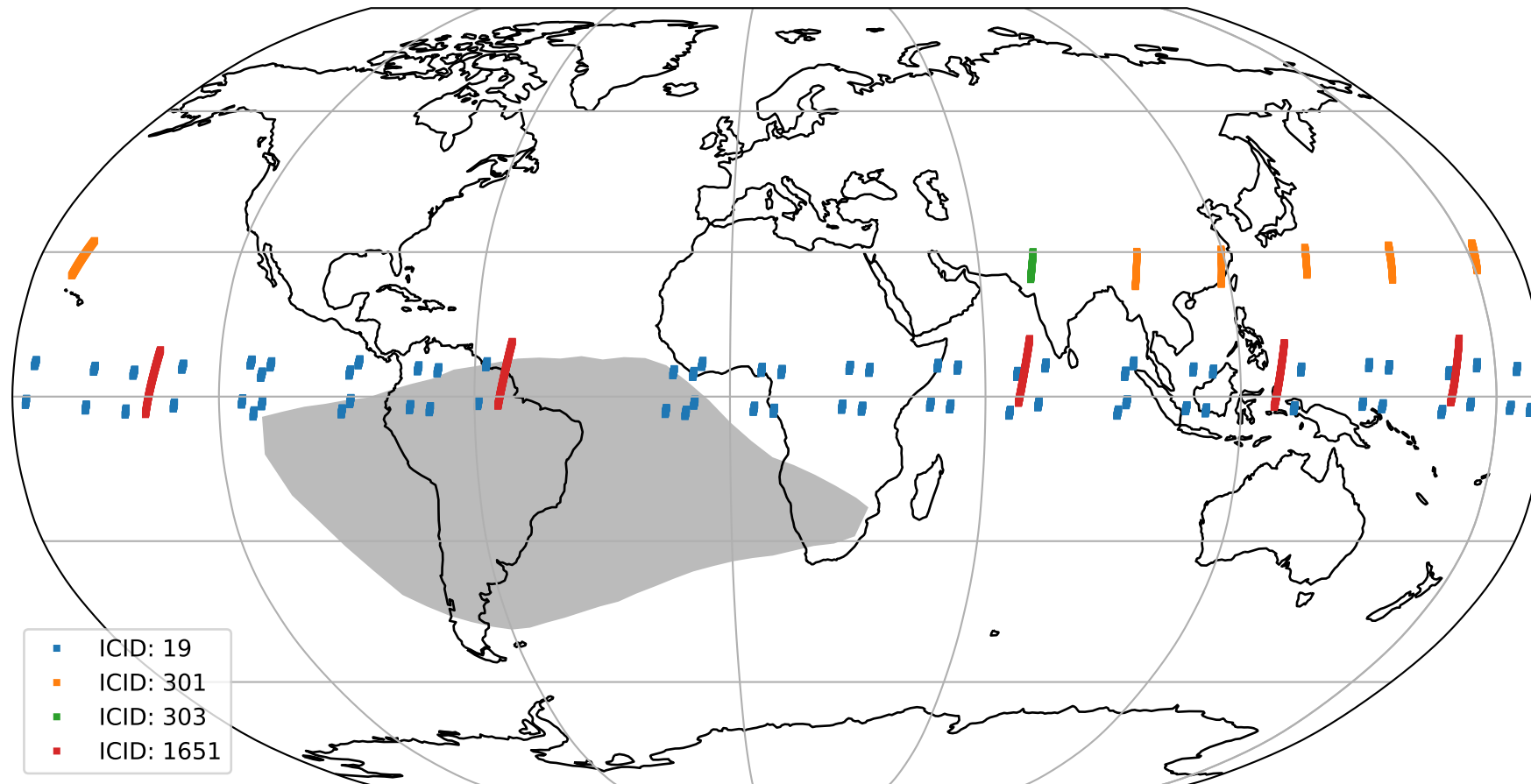
Tropomi SWIR background noise (swir)

orbits : 12 in [17857, 17947]
coverage : 2021-03-25 / 2021-03-31
median : 0.98202
spread : 0.16967
created : 2023-08-21T15:56:27



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

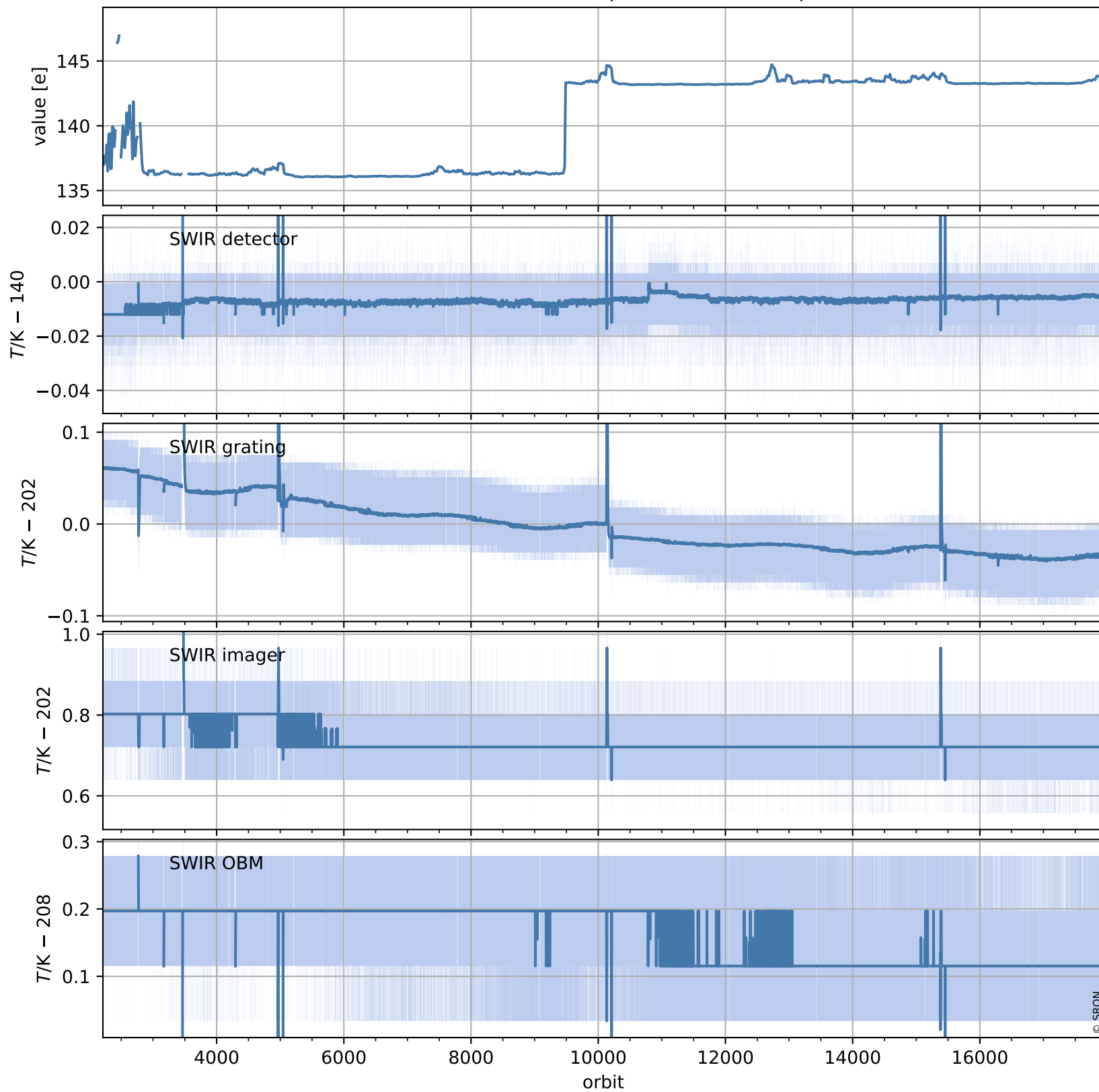
orbits : 12 in [17857, 17947]
coverage : 2021-03-25 / 2021-03-31
created : 2023-08-21T15:56:28



Tropomi SWIR background noise (swir)

orbits : [2212, 17947]
coverage : 2018-03-18 / 2021-03-31
created : 2023-08-21T15:56:28

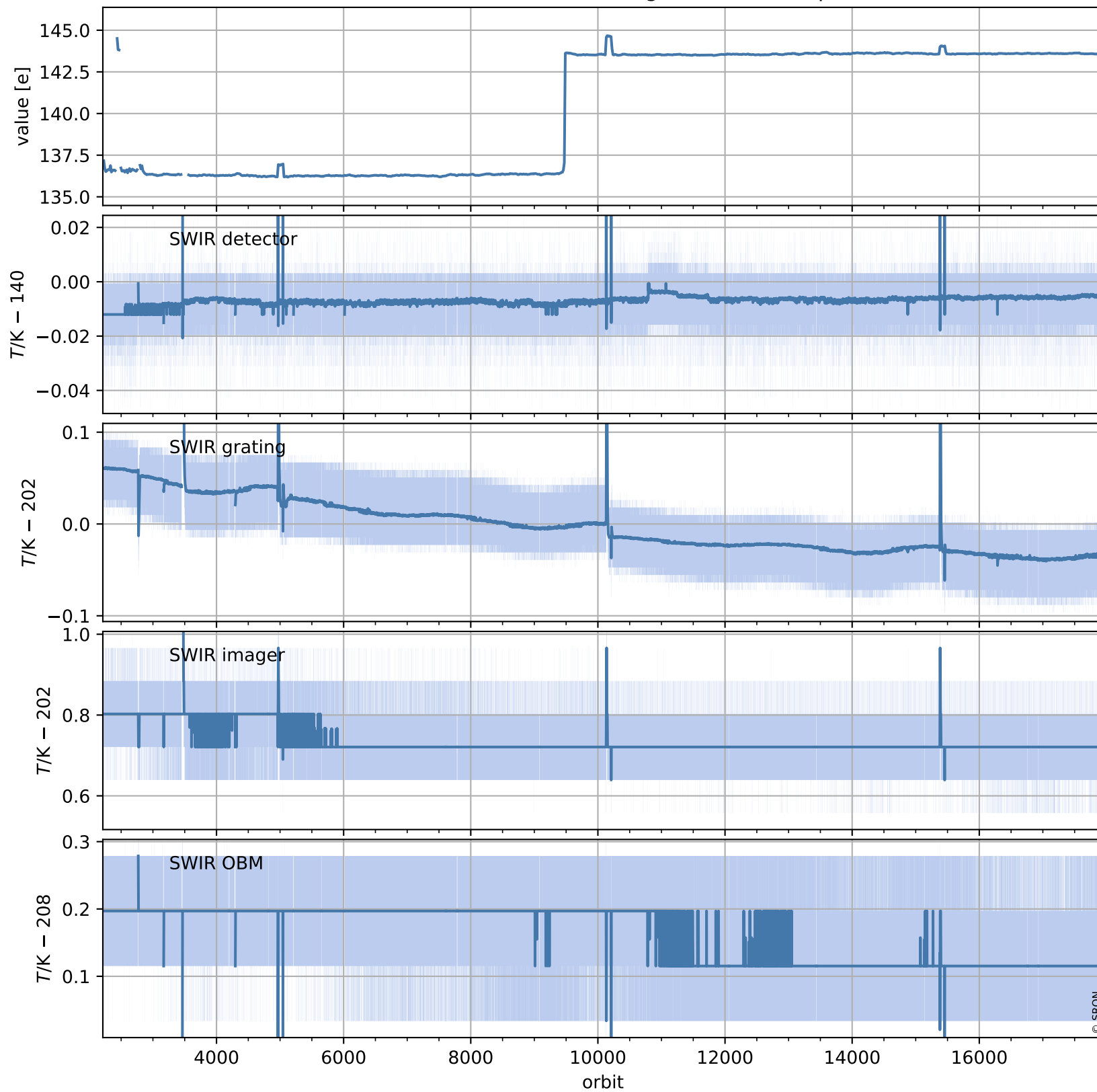
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17947]
coverage : 2018-03-18 / 2021-03-31
created : 2023-08-21T15:56:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17947]
coverage : 2018-03-18 / 2021-03-31
created : 2023-08-21T15:56:30

trend of normalized read-noise & temperatures

