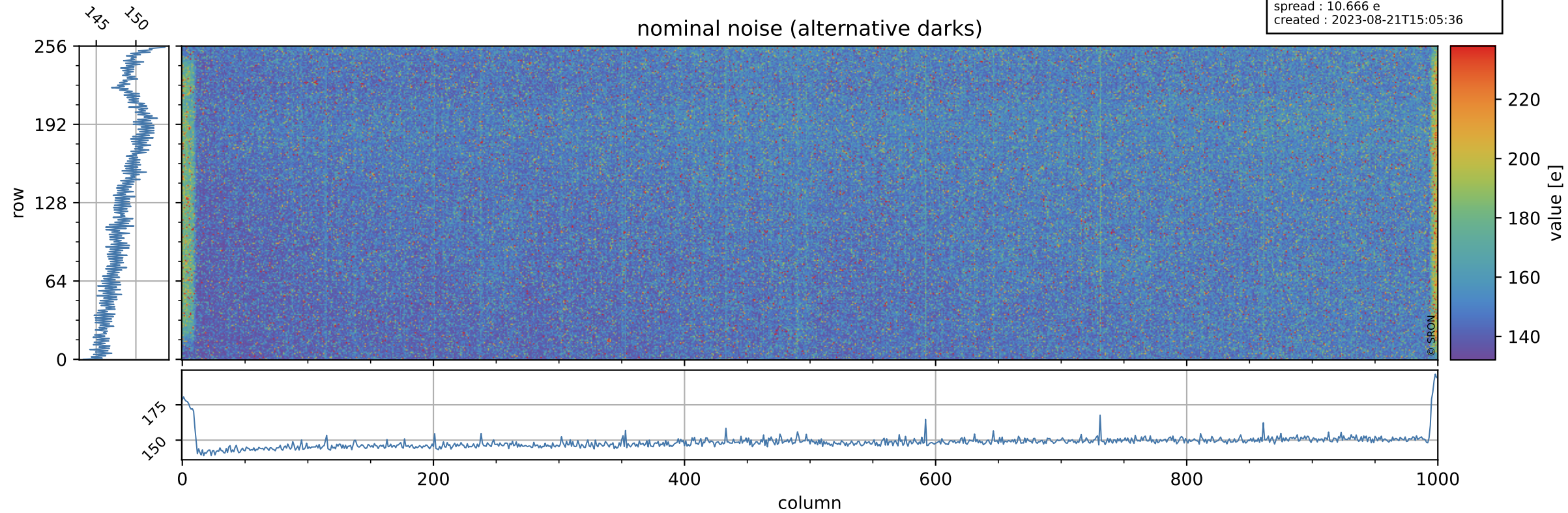


Tropomi SWIR background noise (swir)

orbits : 12 in [9532, 9622]
coverage : 2019-08-16 / 2019-08-22
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.666 e
created : 2023-08-21T15:05:36

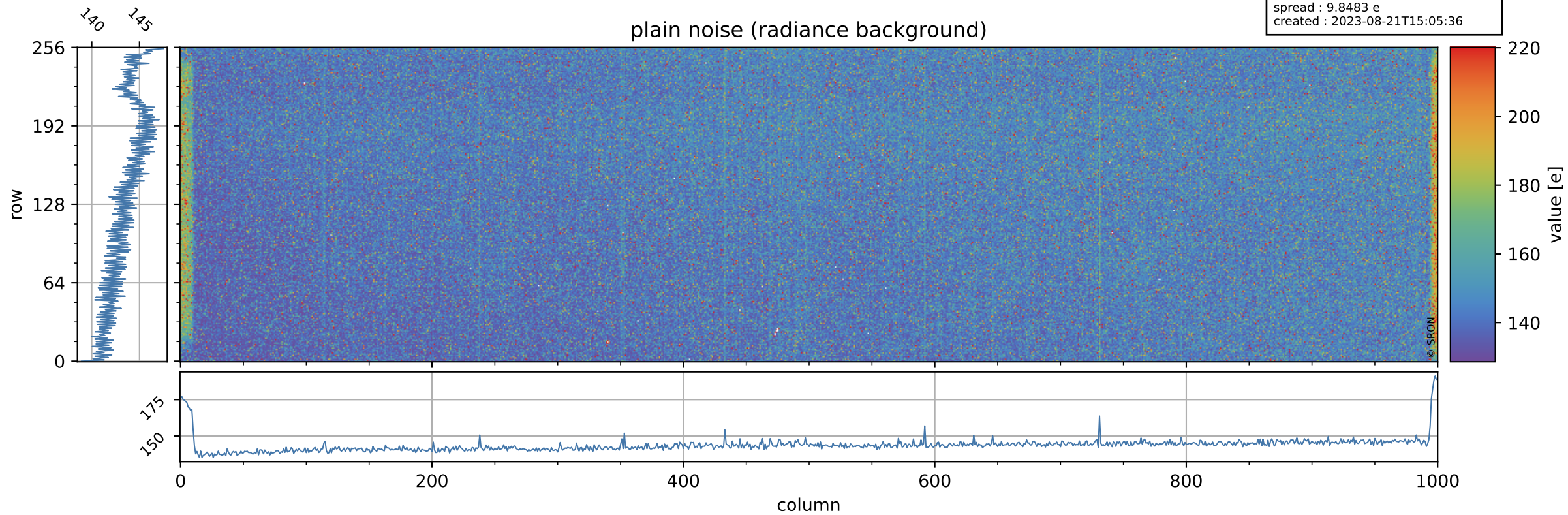
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9532, 9622]
coverage : 2019-08-16 / 2019-08-22
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.8483 e
created : 2023-08-21T15:05:36

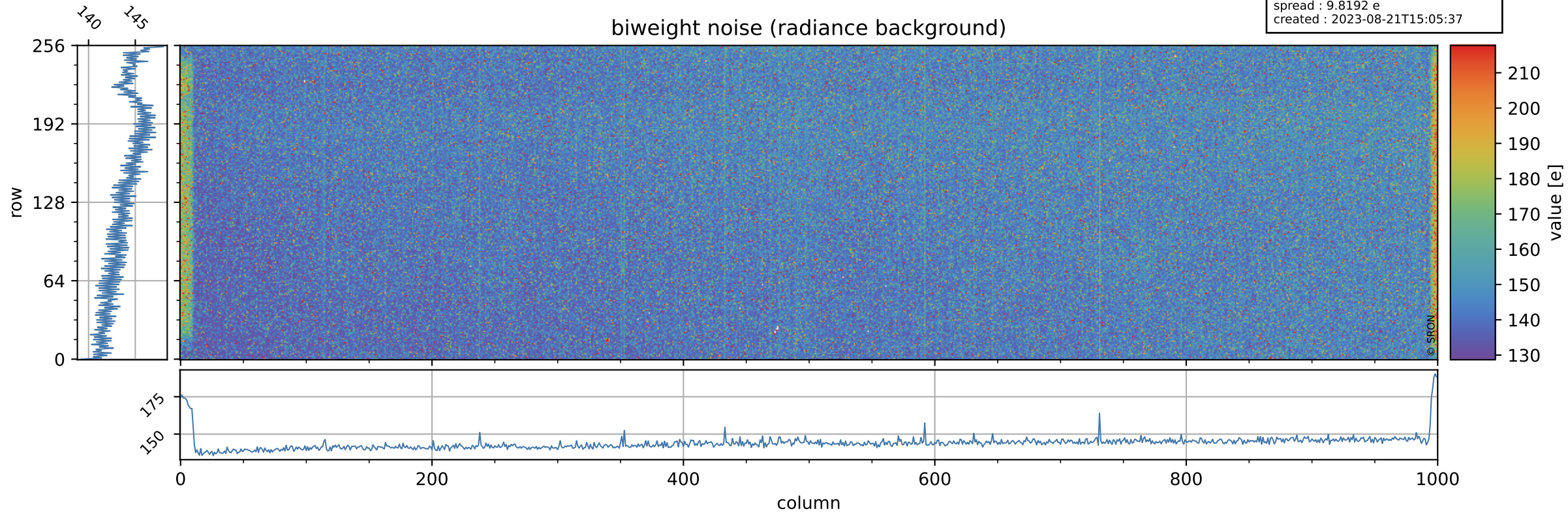
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9532, 9622]
coverage : 2019-08-16 / 2019-08-22
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.8192 e
created : 2023-08-21T15:05:37

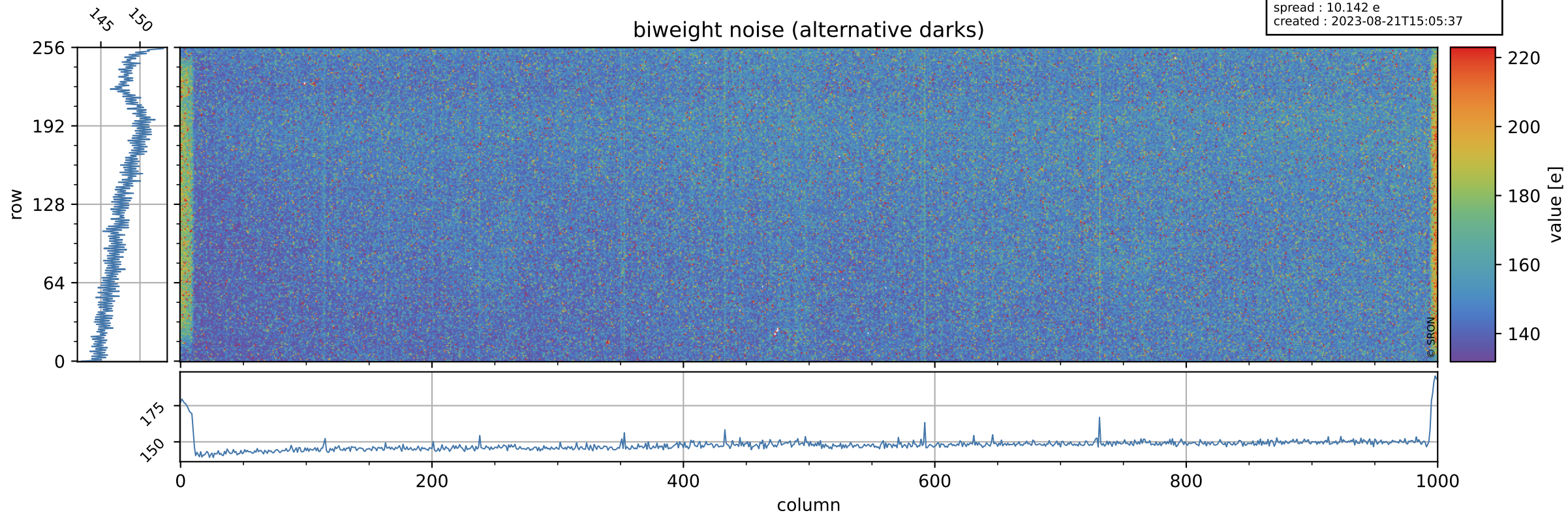
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9532, 9622]
coverage : 2019-08-16 / 2019-08-22
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.142 e
created : 2023-08-21T15:05:37

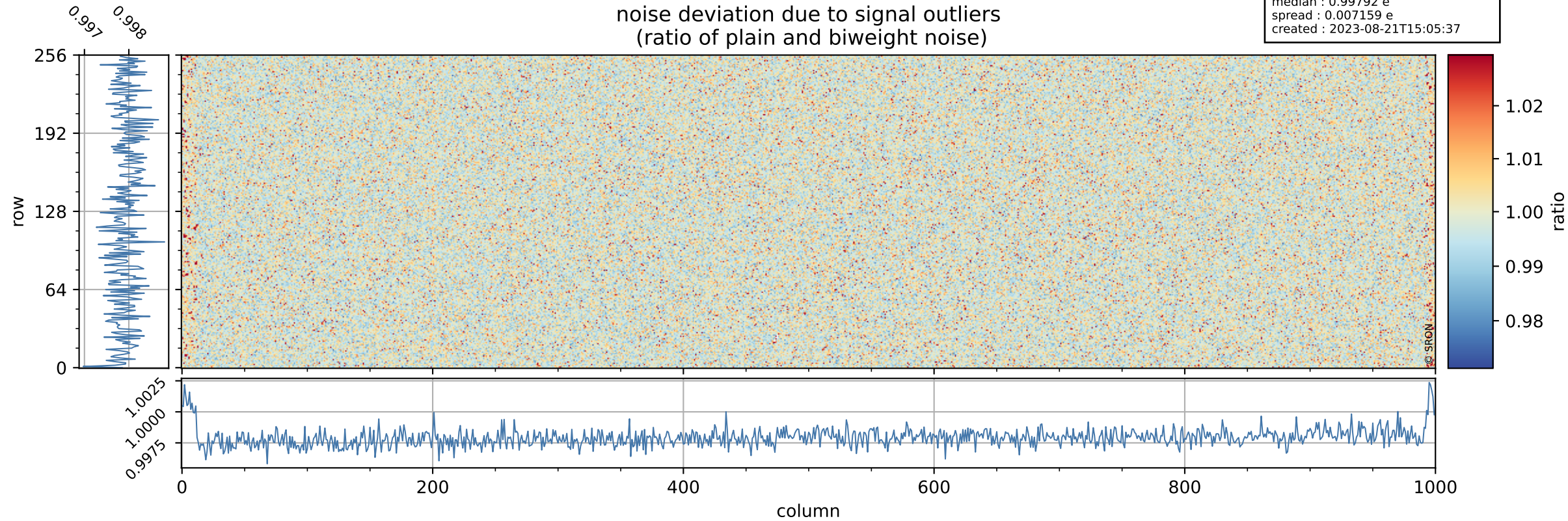
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

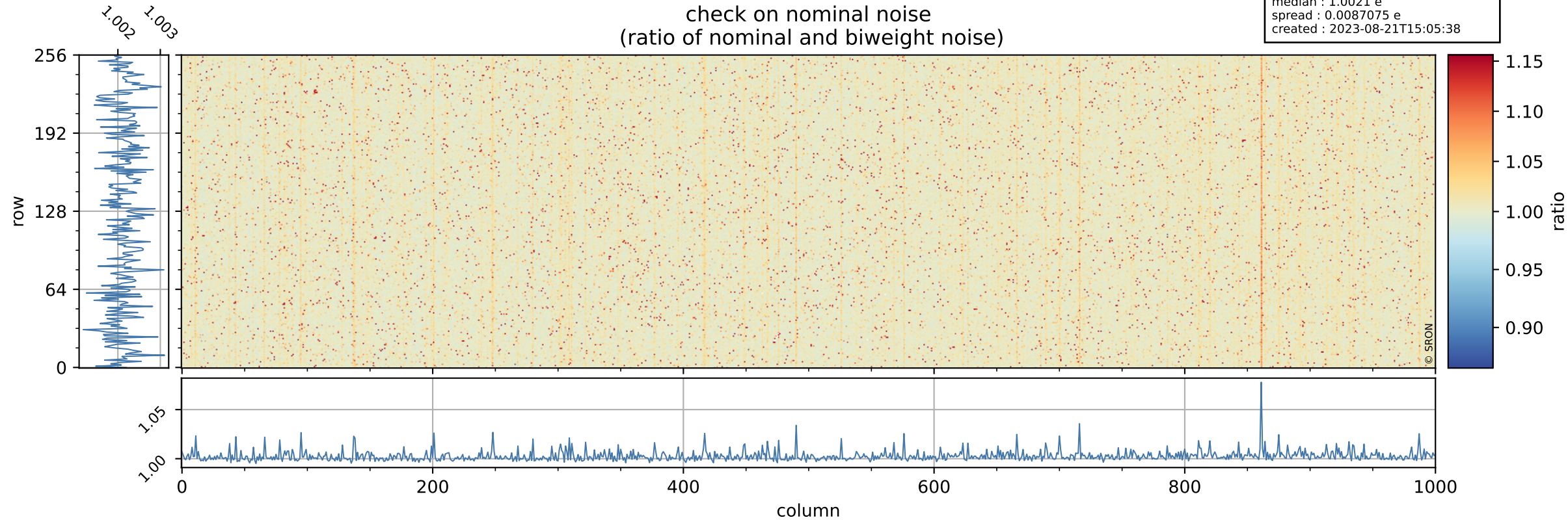
orbits : 12 in [9532, 9622]
coverage : 2019-08-16 / 2019-08-22
median : 0.99792 e
spread : 0.007159 e
created : 2023-08-21T15:05:37



Tropomi SWIR background noise (swir)

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

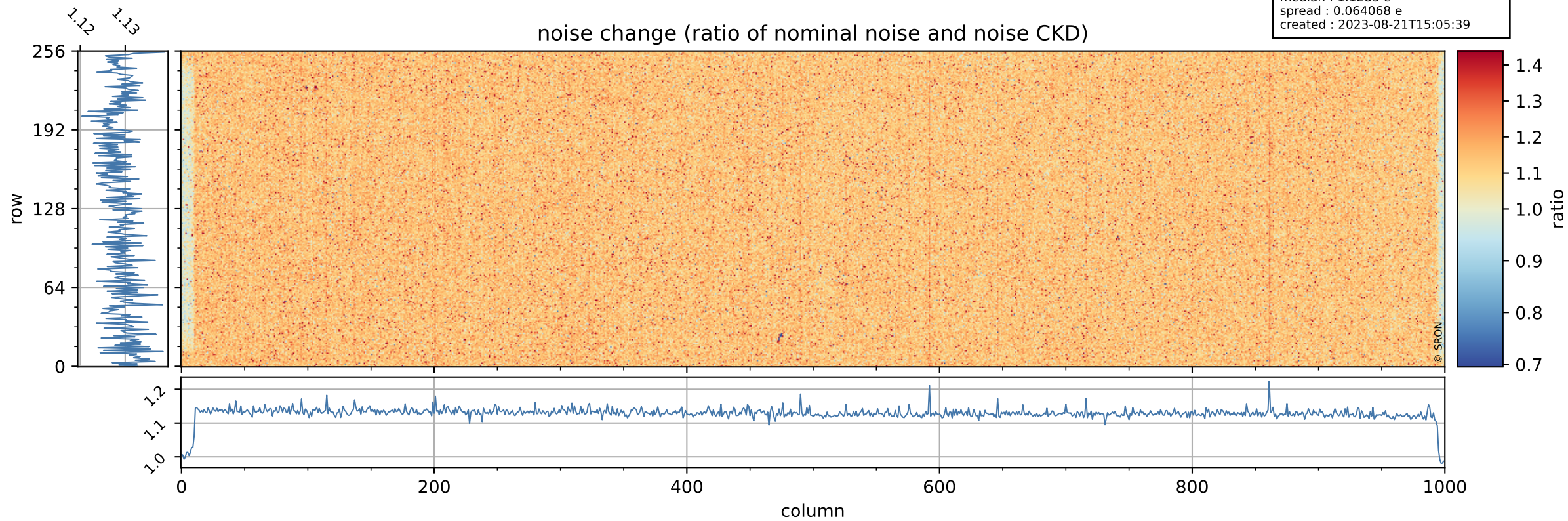
orbits : 12 in [9532, 9622]
coverage : 2019-08-16 / 2019-08-22
median : 1.0021 e
spread : 0.0087075 e
created : 2023-08-21T15:05:38



Tropomi SWIR background noise (swir)

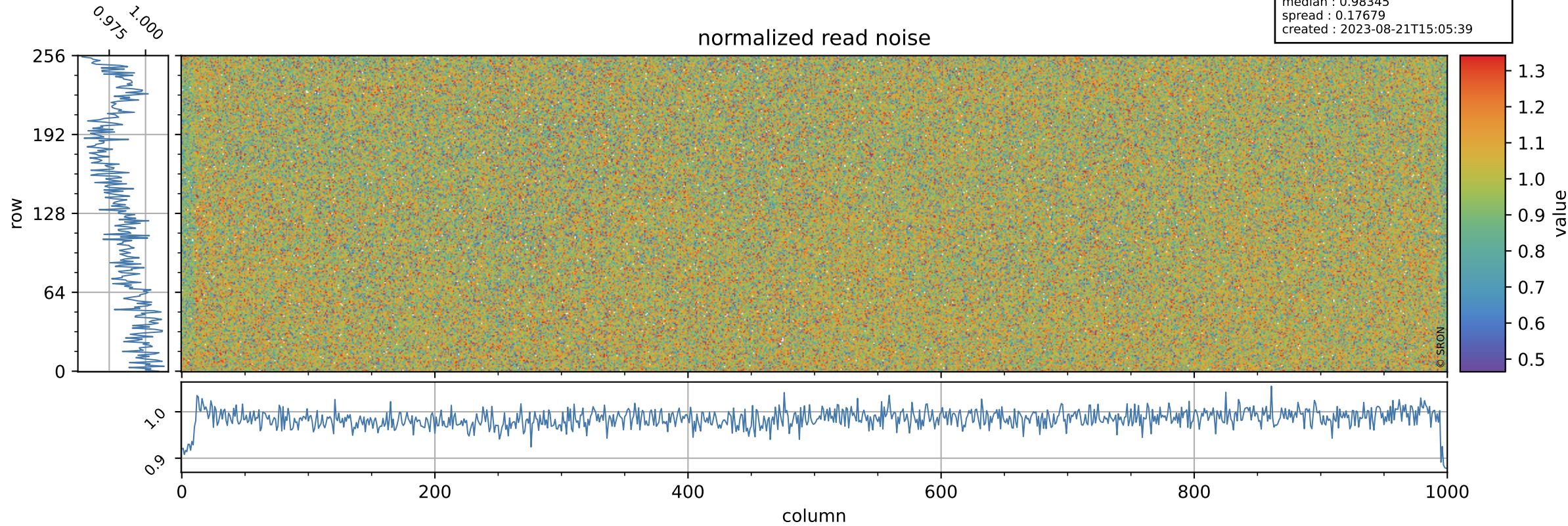
orbits : 12 in [9532, 9622]
coverage : 2019-08-16 / 2019-08-22
median : 1.1285 e
spread : 0.064068 e
created : 2023-08-21T15:05:39

noise change (ratio of nominal noise and noise CKD)



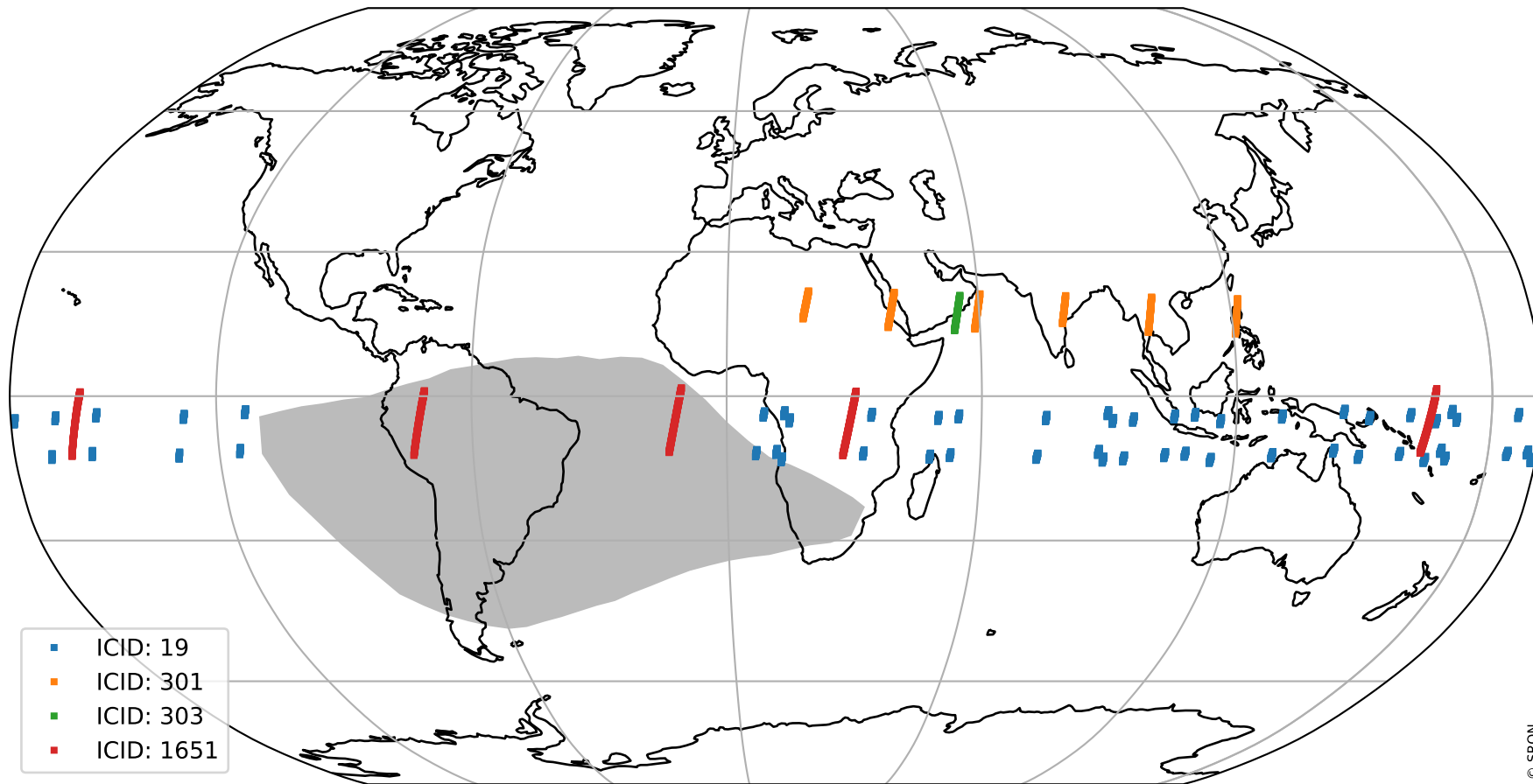
Tropomi SWIR background noise (swir)

orbits : 12 in [9532, 9622]
coverage : 2019-08-16 / 2019-08-22
median : 0.98345
spread : 0.17679
created : 2023-08-21T15:05:39



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

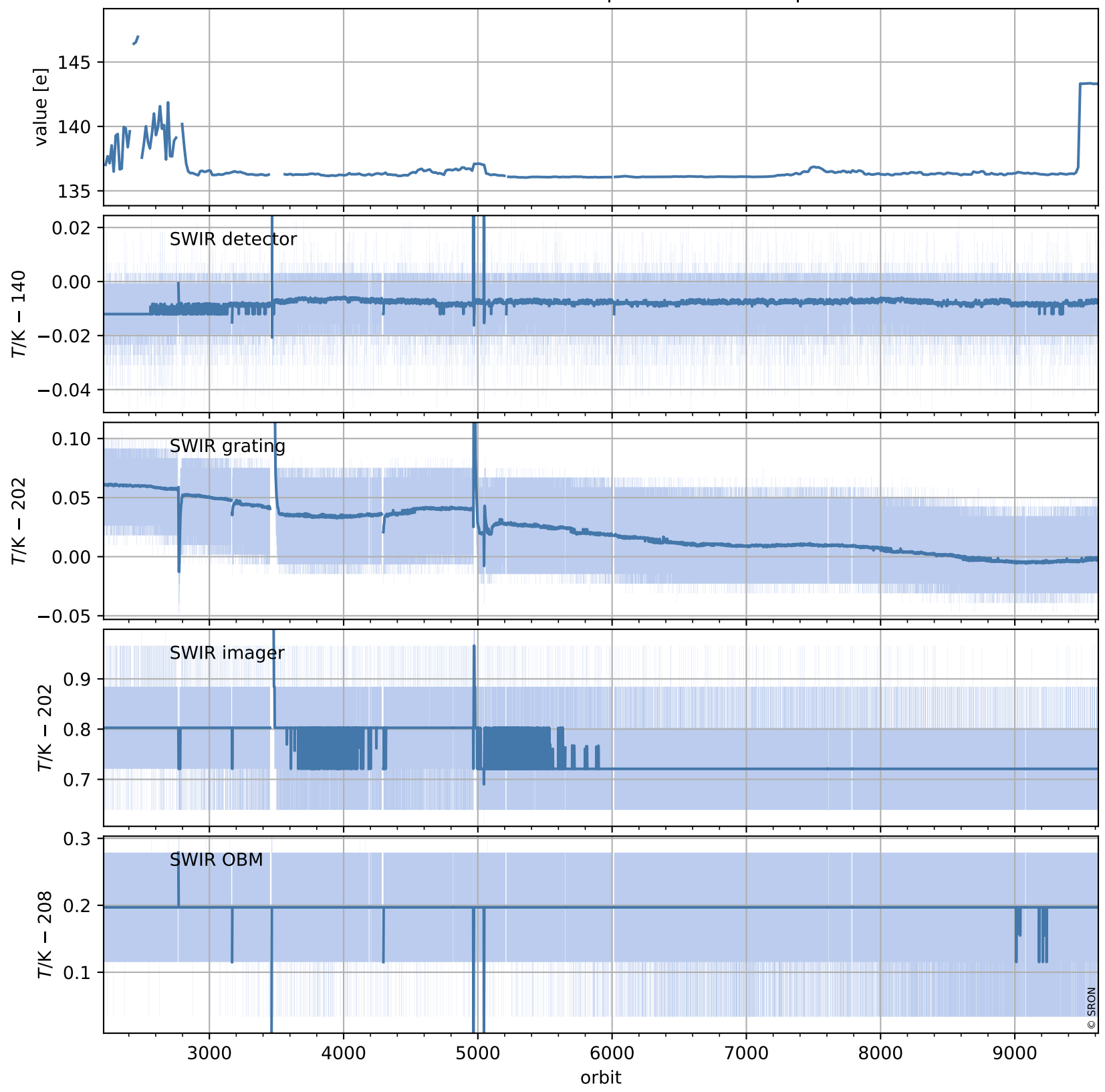
orbits : 12 in [9532, 9622]
coverage : 2019-08-16 / 2019-08-22
created : 2023-08-21T15:05:40



Tropomi SWIR background noise (swir)

orbits : [2212, 9622]
coverage : 2018-03-18 / 2019-08-22
created : 2023-08-21T15:05:40

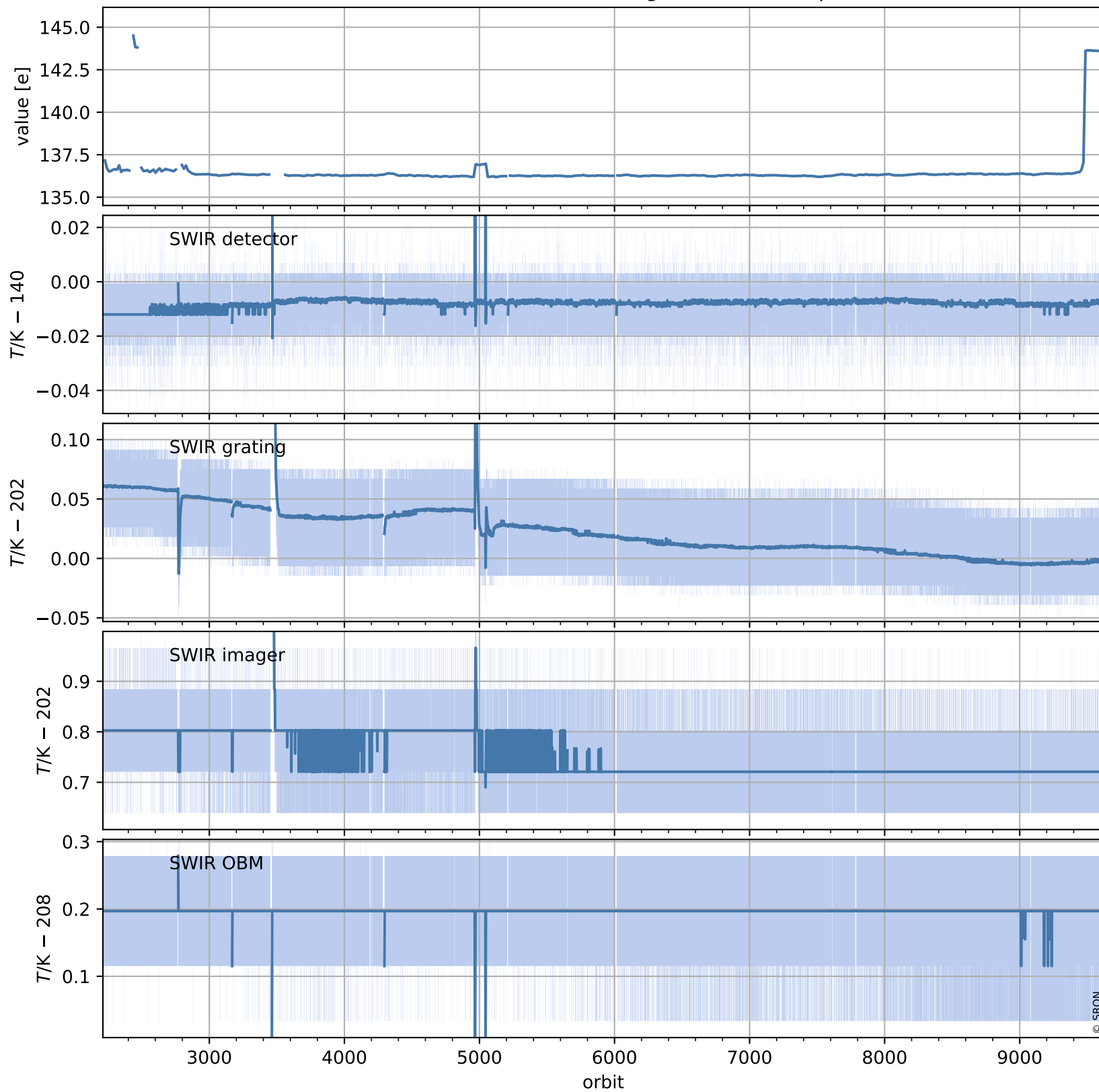
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9622]
coverage : 2018-03-18 / 2019-08-22
created : 2023-08-21T15:05:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9622]
coverage : 2018-03-18 / 2019-08-22
created : 2023-08-21T15:05:42

trend of normalized read-noise & temperatures

