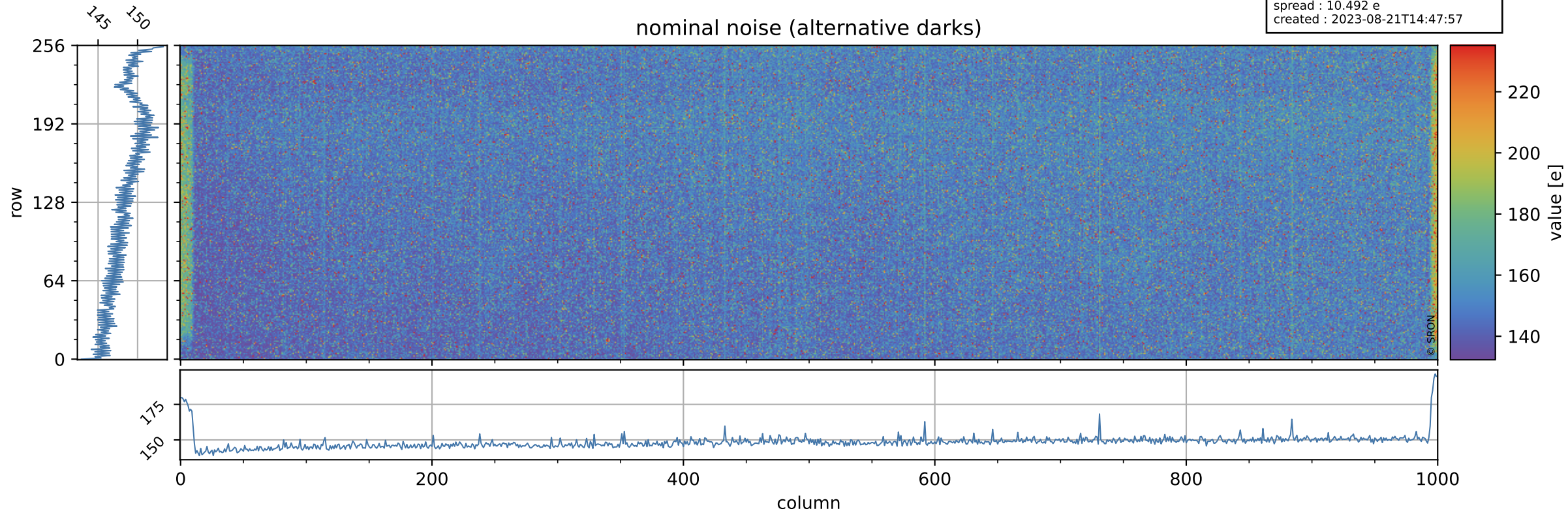


Tropomi SWIR background noise (swir)

orbits : 12 in [7222, 7297]
coverage : 2019-03-05 / 2019-03-11
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.492 e
created : 2023-08-21T14:47:57

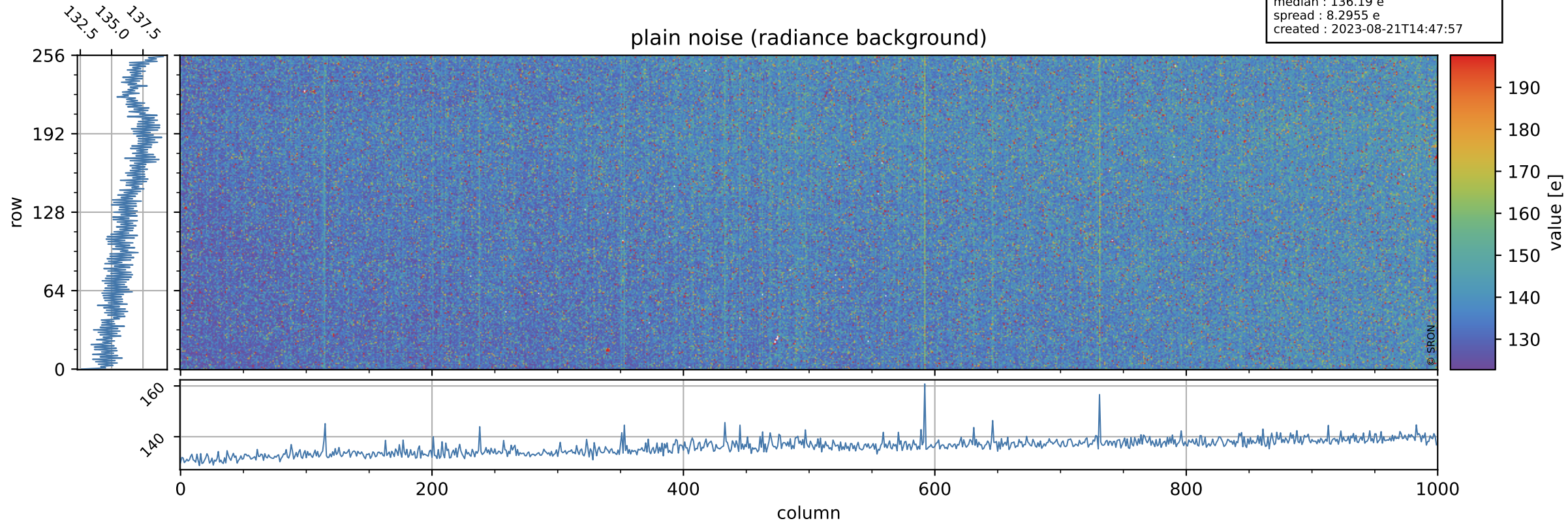
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7222, 7297]
coverage : 2019-03-05 / 2019-03-11
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.2955 e
created : 2023-08-21T14:47:57

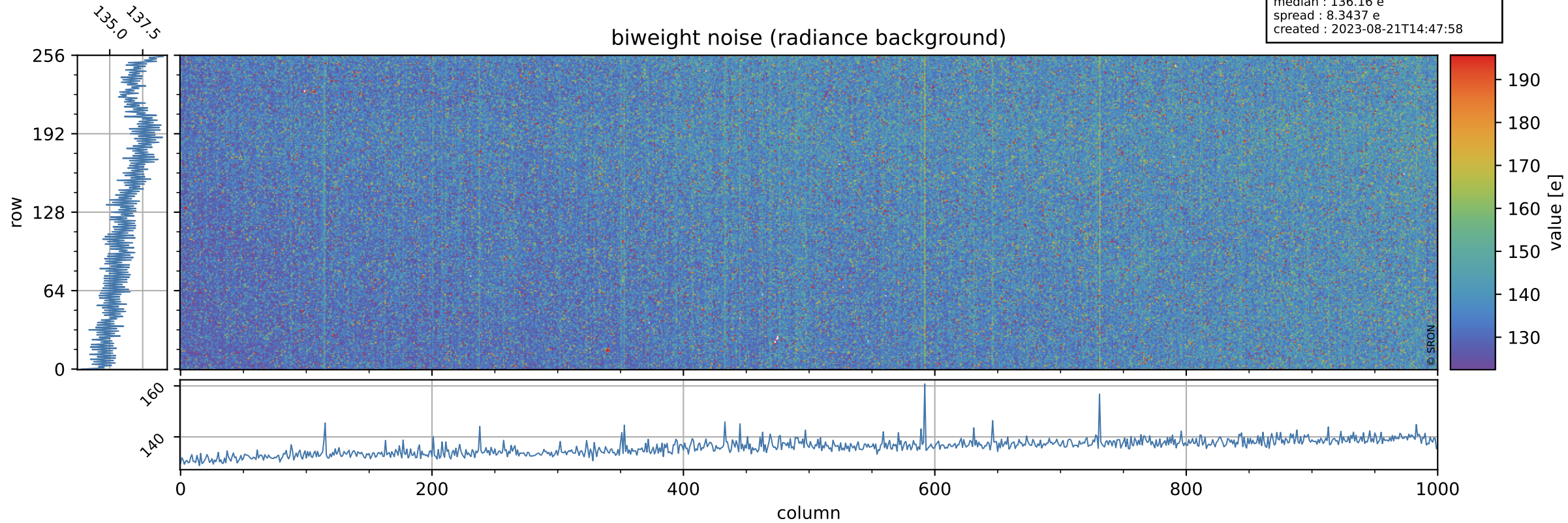
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7222, 7297]
coverage : 2019-03-05 / 2019-03-11
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.3437 e
created : 2023-08-21T14:47:58

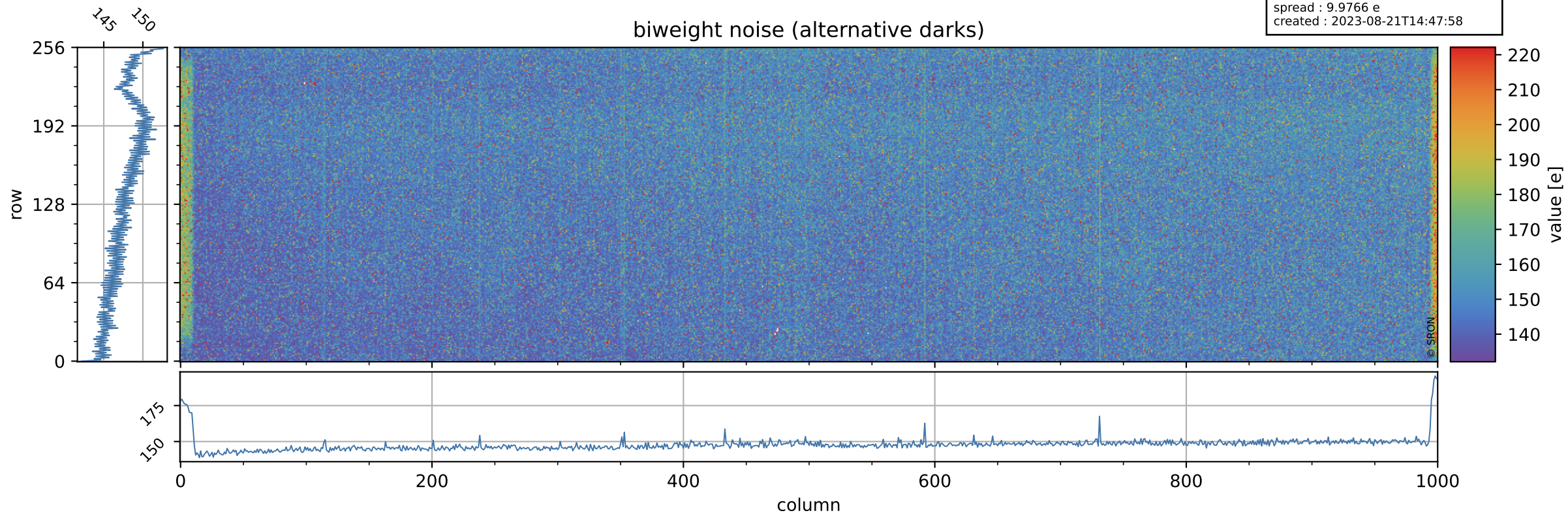
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7222, 7297]
coverage : 2019-03-05 / 2019-03-11
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 9.9766 e
created : 2023-08-21T14:47:58

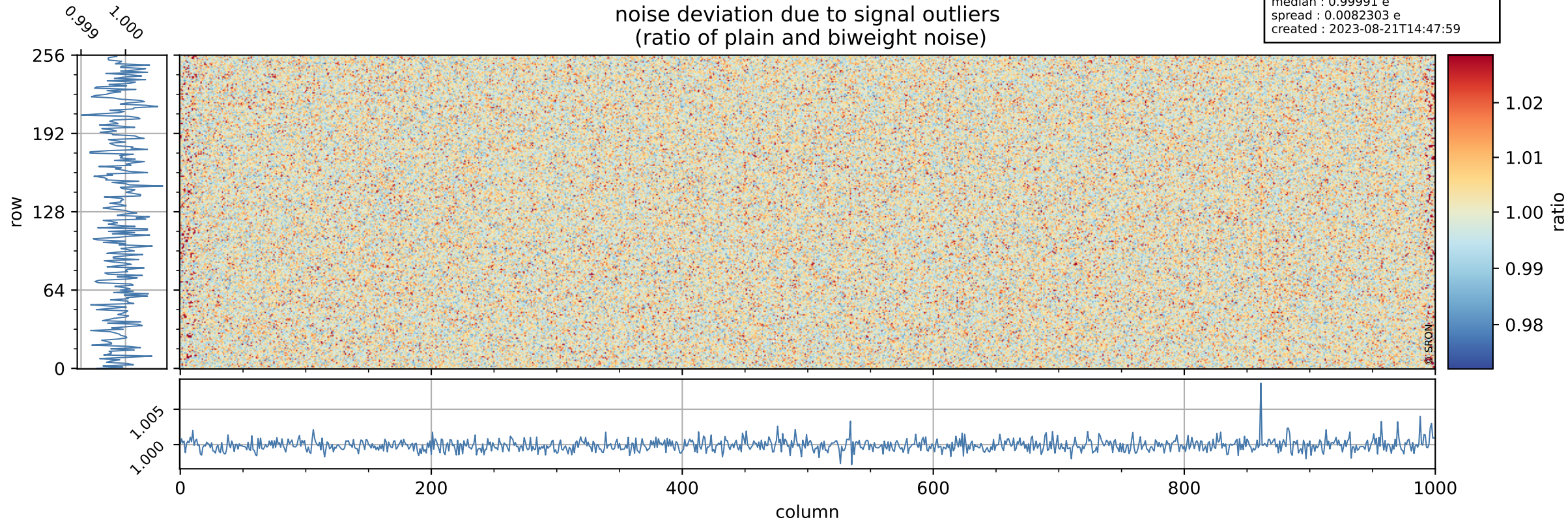
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

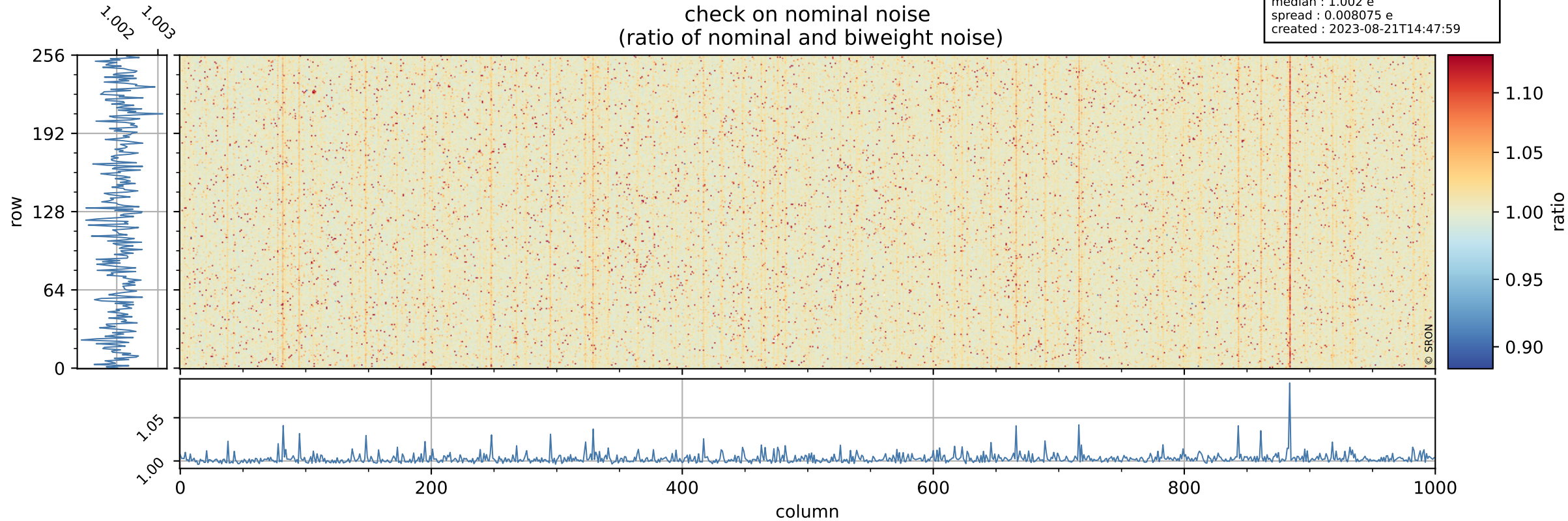
orbits : 12 in [7222, 7297]
coverage : 2019-03-05 / 2019-03-11
median : 0.99991 e
spread : 0.0082303 e
created : 2023-08-21T14:47:59



Tropomi SWIR background noise (swir)

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

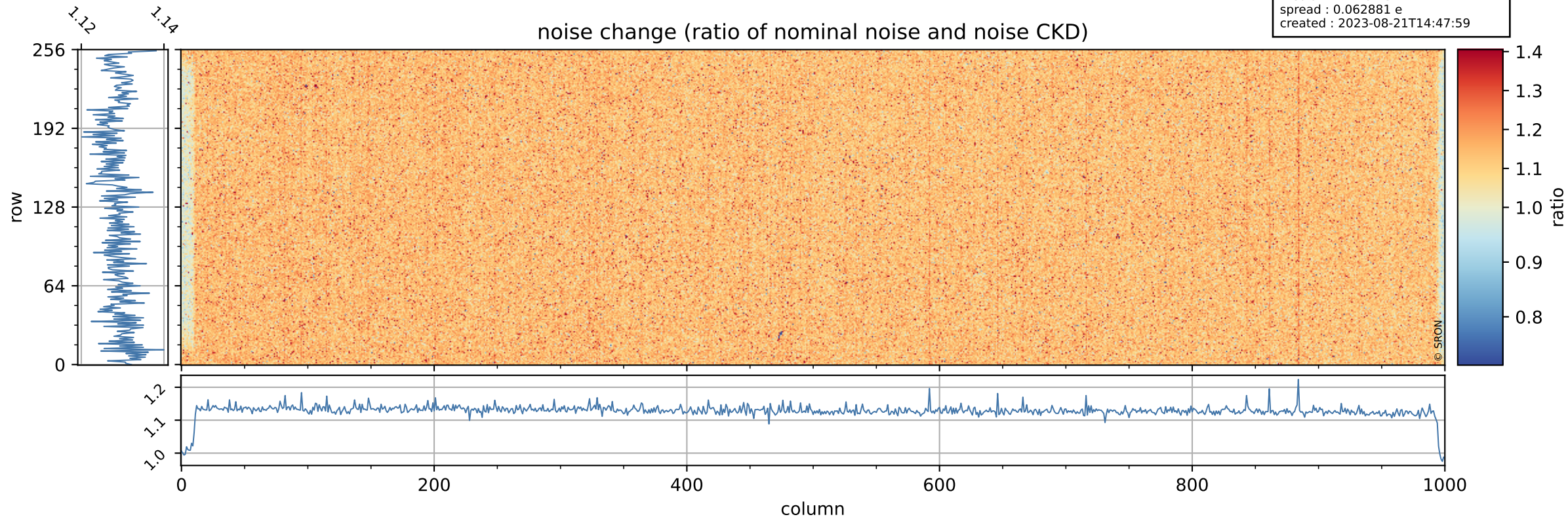
orbits : 12 in [7222, 7297]
coverage : 2019-03-05 / 2019-03-11
median : 1.002 e
spread : 0.008075 e
created : 2023-08-21T14:47:59



Tropomi SWIR background noise (swir)

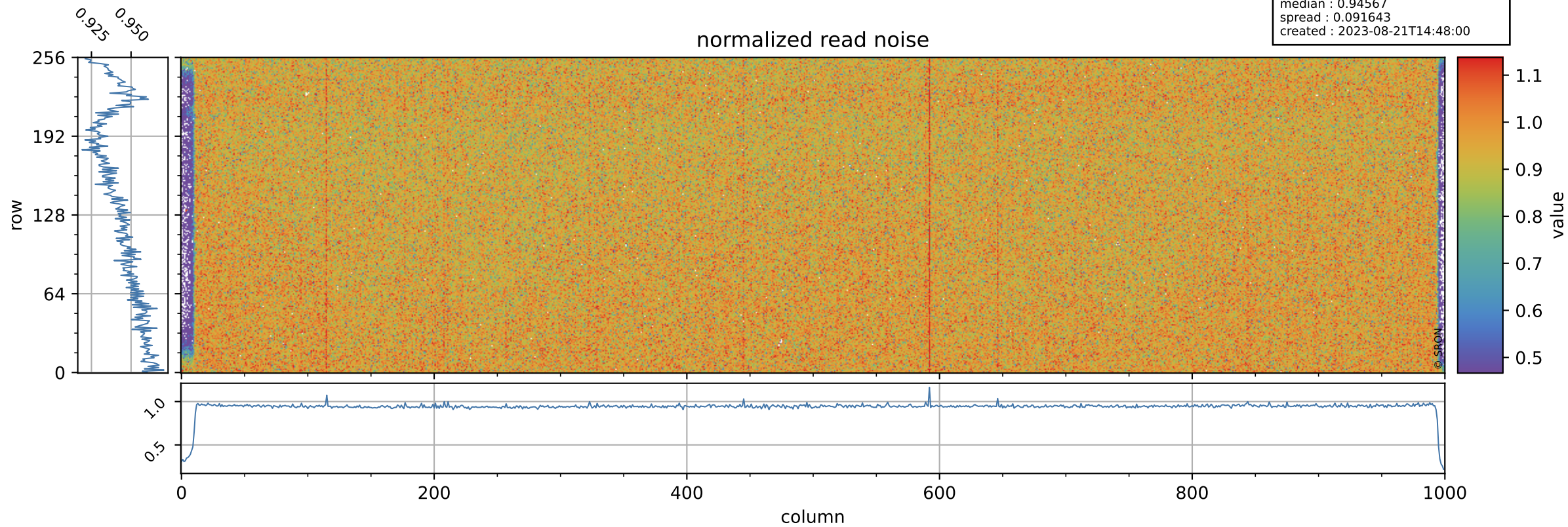
orbits : 12 in [7222, 7297]
coverage : 2019-03-05 / 2019-03-11
median : 1.1284 e
spread : 0.062881 e
created : 2023-08-21T14:47:59

noise change (ratio of nominal noise and noise CKD)



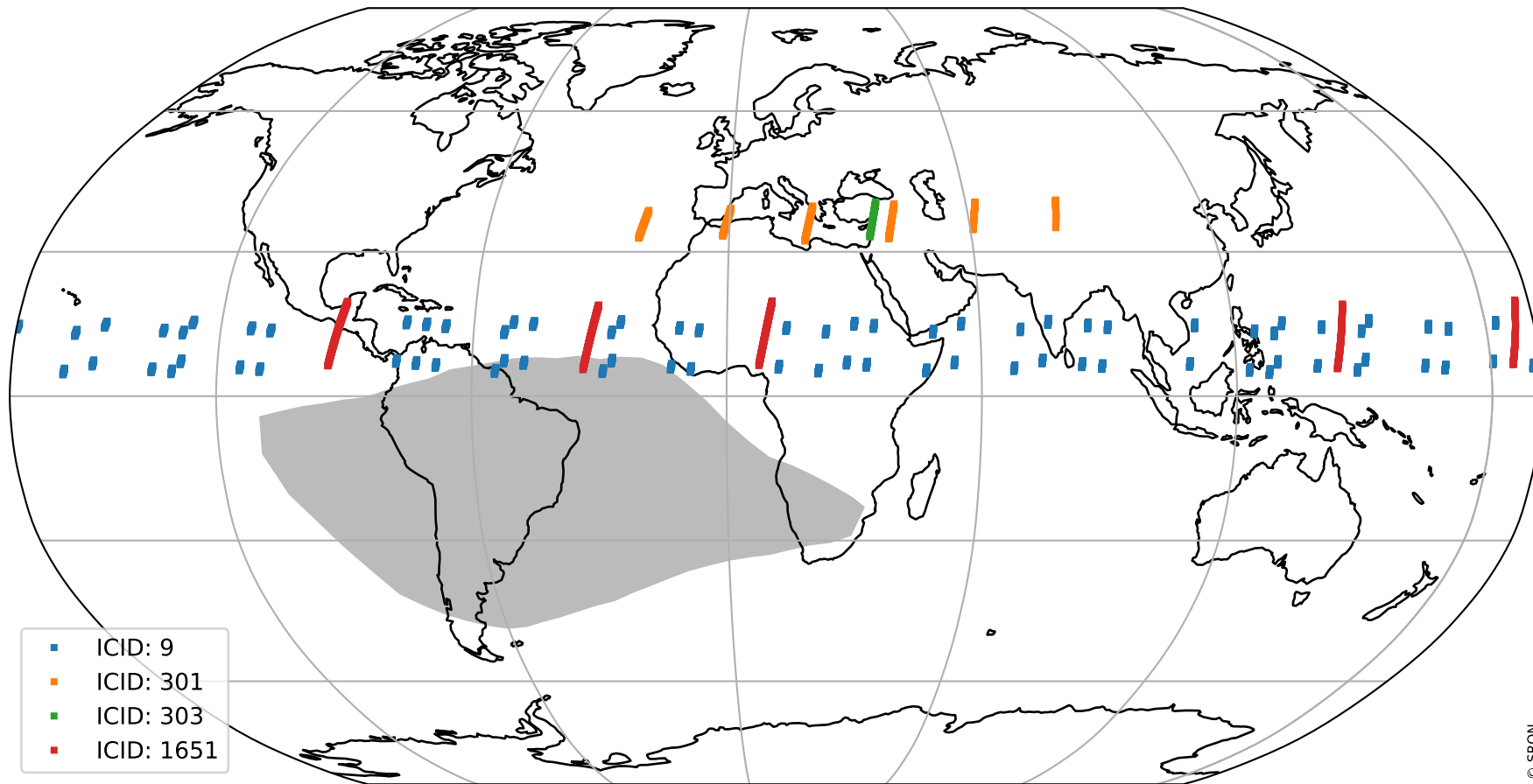
Tropomi SWIR background noise (swir)

orbits : 12 in [7222, 7297]
coverage : 2019-03-05 / 2019-03-11
median : 0.94567
spread : 0.091643
created : 2023-08-21T14:48:00



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

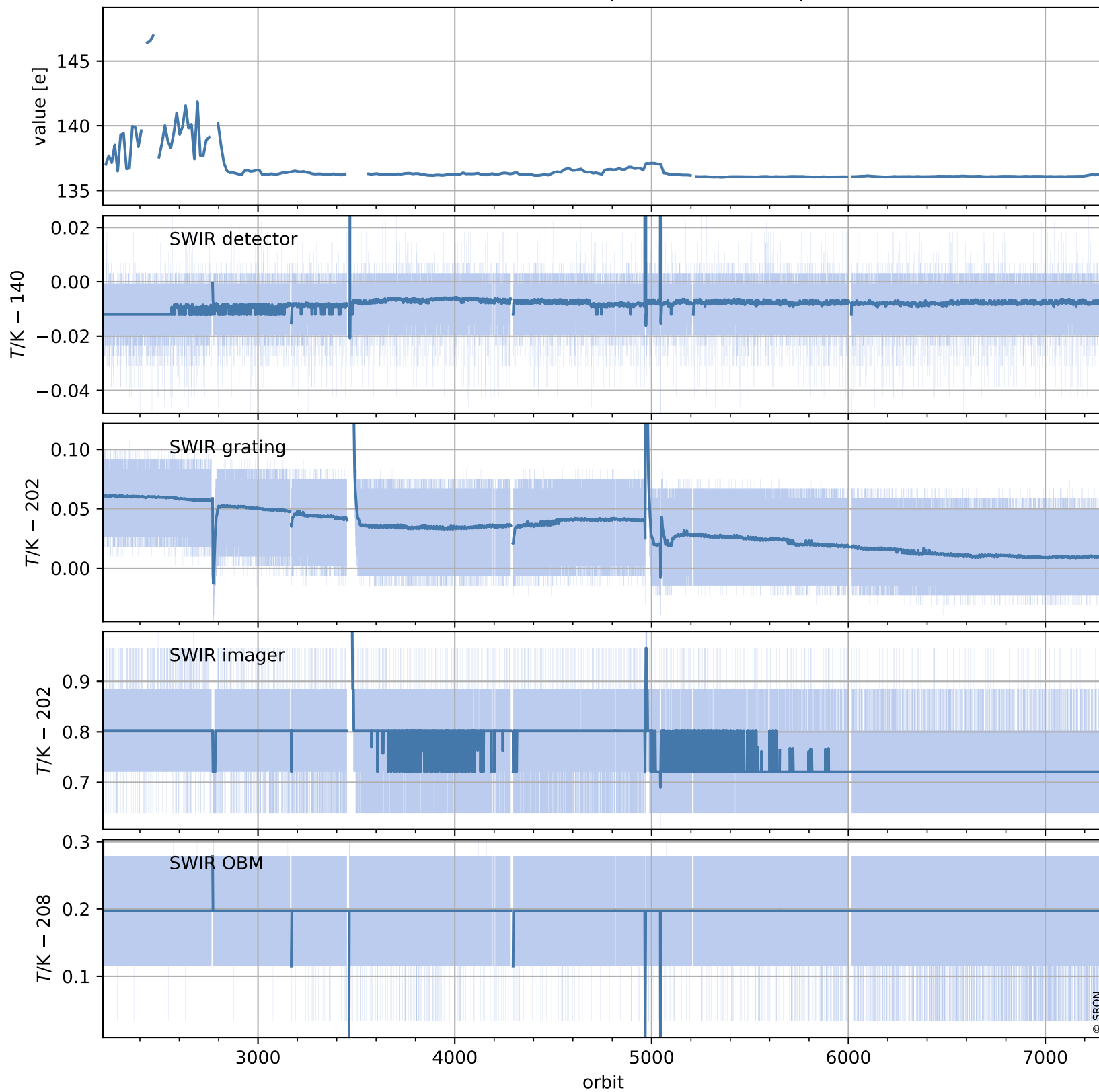
orbits : 12 in [7222, 7297]
coverage : 2019-03-05 / 2019-03-11
created : 2023-08-21T14:48:00



Tropomi SWIR background noise (swir)

orbits : [2212, 7297]
coverage : 2018-03-18 / 2019-03-11
created : 2023-08-21T14:48:01

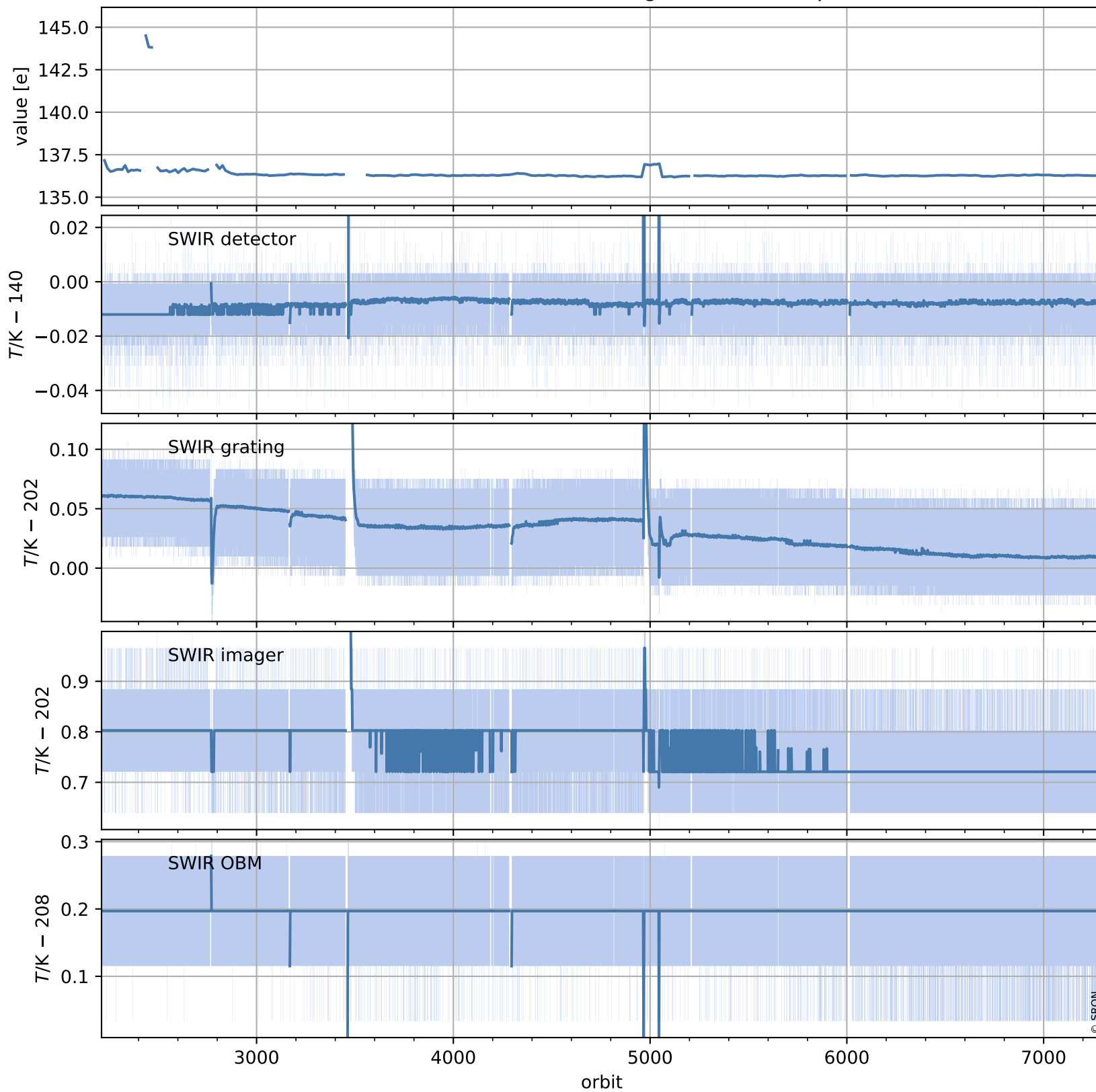
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7297]
coverage : 2018-03-18 / 2019-03-11
created : 2023-08-21T14:48:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7297]
coverage : 2018-03-18 / 2019-03-11
created : 2023-08-21T14:48:02

trend of normalized read-noise & temperatures

