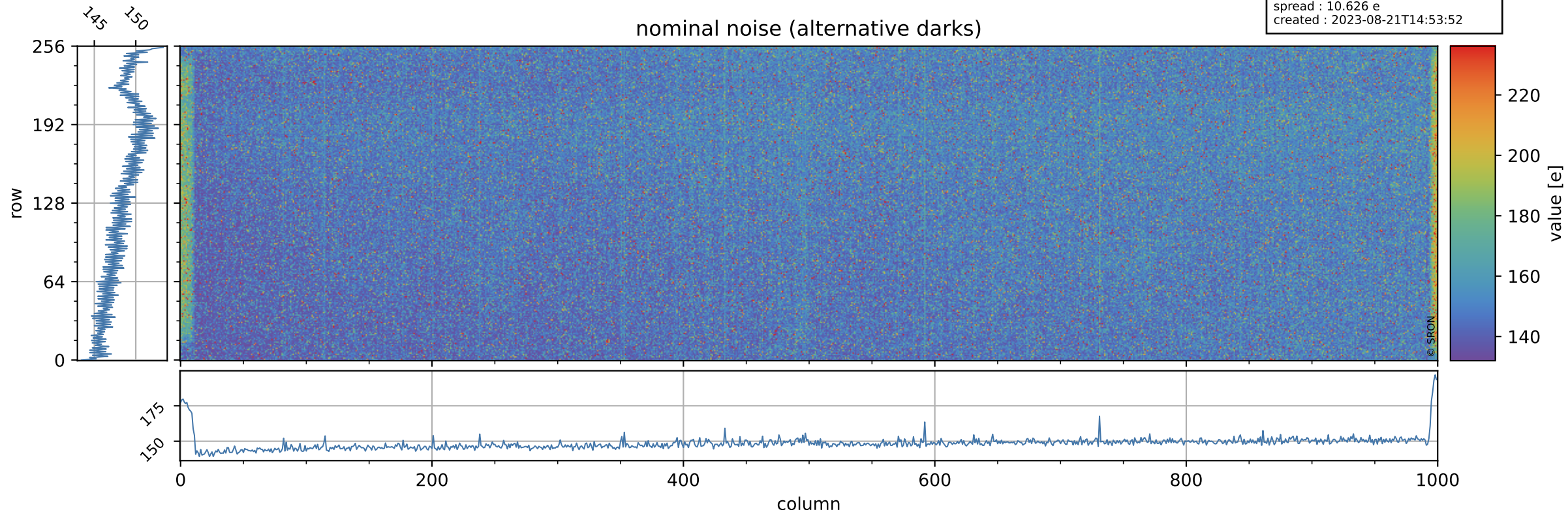


Tropomi SWIR background noise (swir)

orbits : 12 in [8032, 8107]
coverage : 2019-05-01 / 2019-05-07
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.626 e
created : 2023-08-21T14:53:52

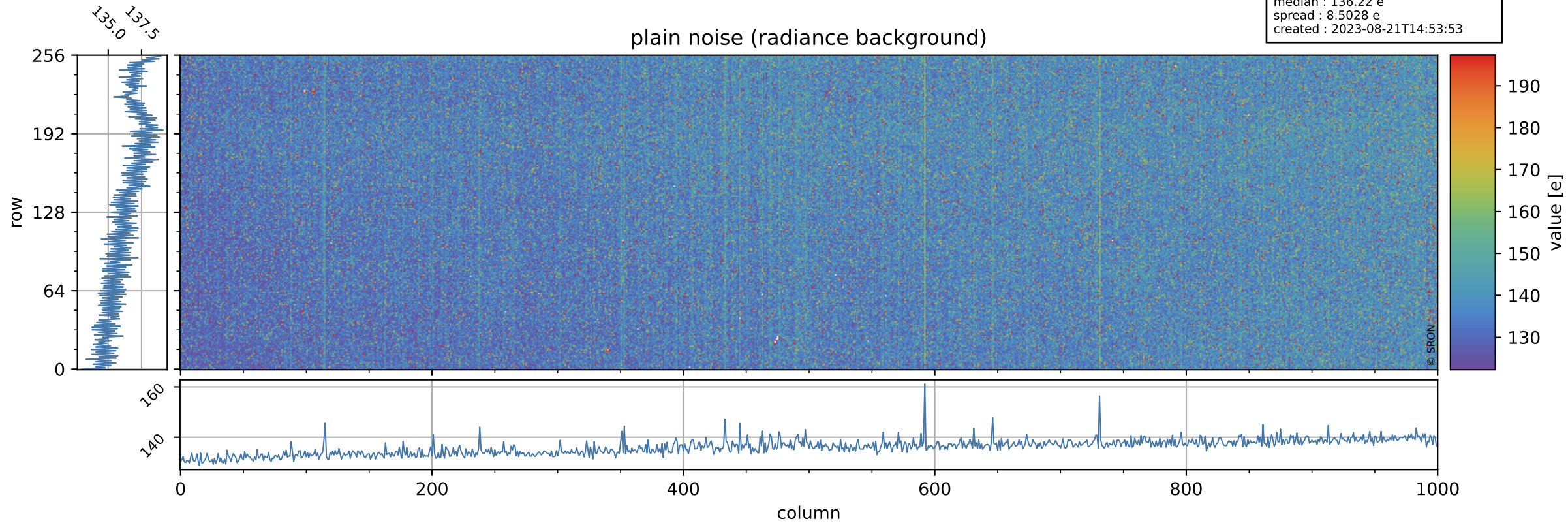
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8032, 8107]
coverage : 2019-05-01 / 2019-05-07
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.5028 e
created : 2023-08-21T14:53:53

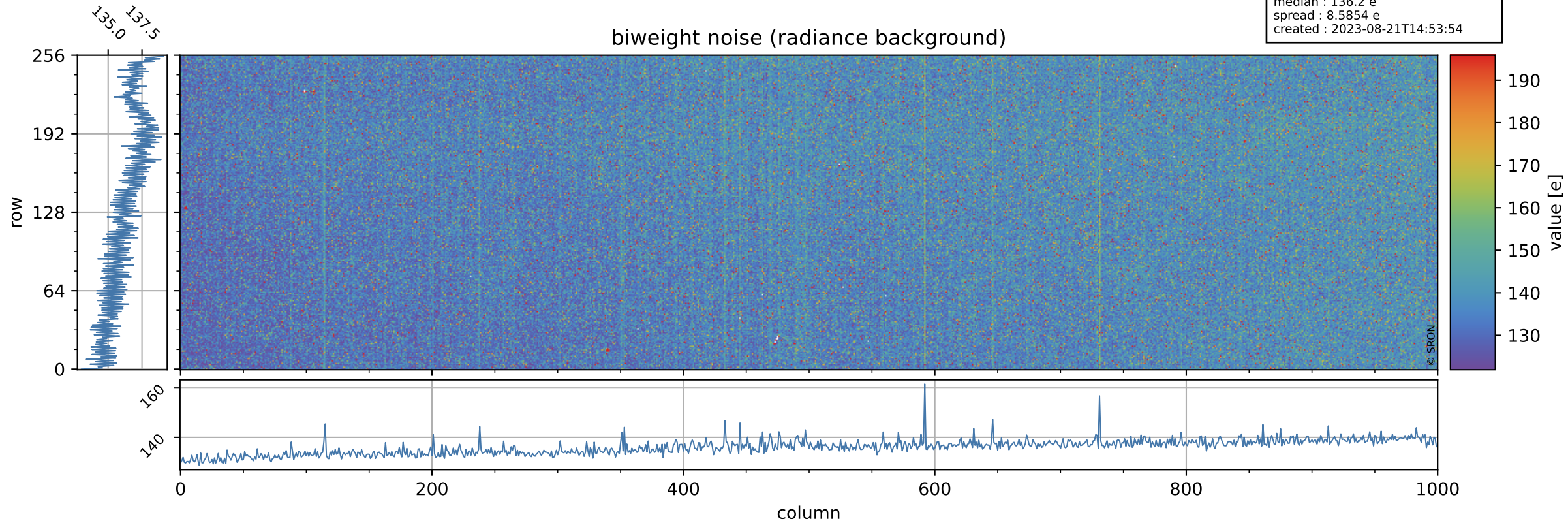
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8032, 8107]
coverage : 2019-05-01 / 2019-05-07
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.5854 e
created : 2023-08-21T14:53:54

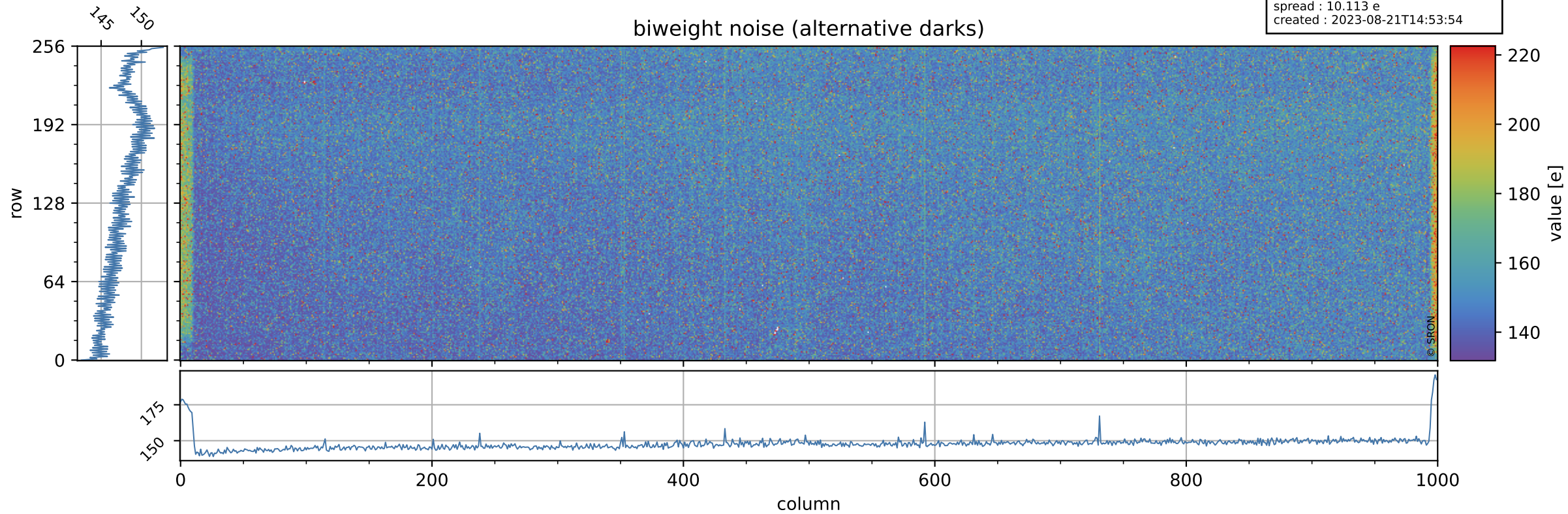
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8032, 8107]
coverage : 2019-05-01 / 2019-05-07
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 10.113 e
created : 2023-08-21T14:53:54

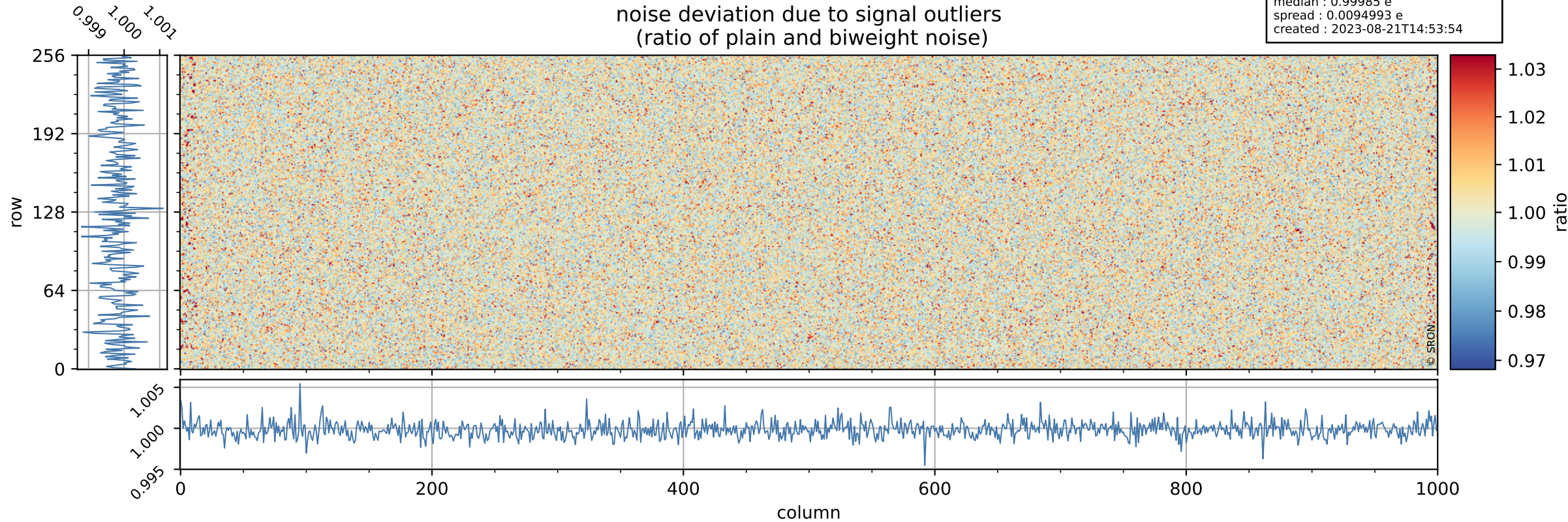
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

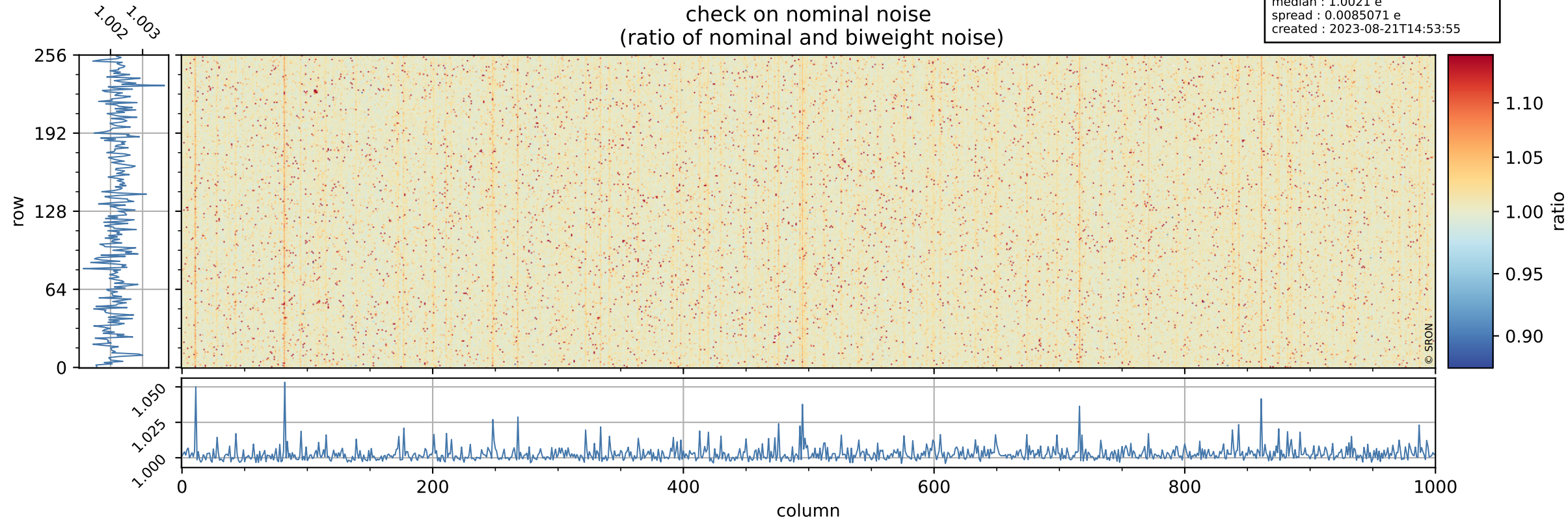
orbits : 12 in [8032, 8107]
coverage : 2019-05-01 / 2019-05-07
median : 0.99985 e
spread : 0.0094993 e
created : 2023-08-21T14:53:54



Tropomi SWIR background noise (swir)

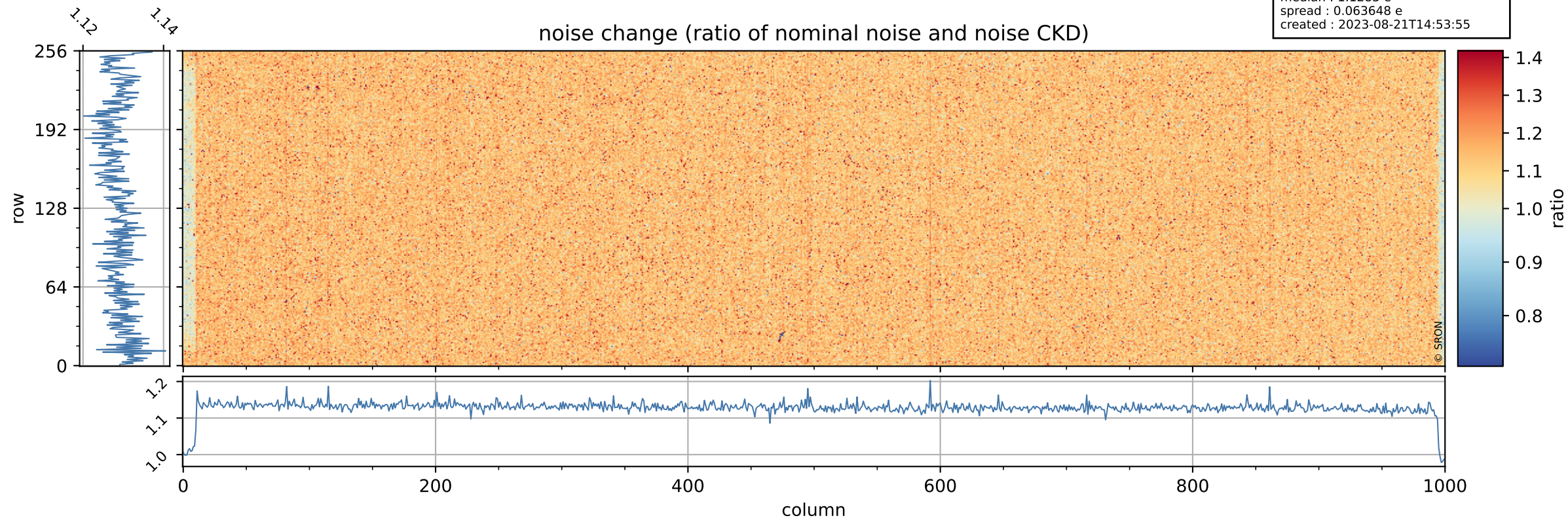
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8032, 8107]
coverage : 2019-05-01 / 2019-05-07
median : 1.0021 e
spread : 0.0085071 e
created : 2023-08-21T14:53:55



Tropomi SWIR background noise (swir)

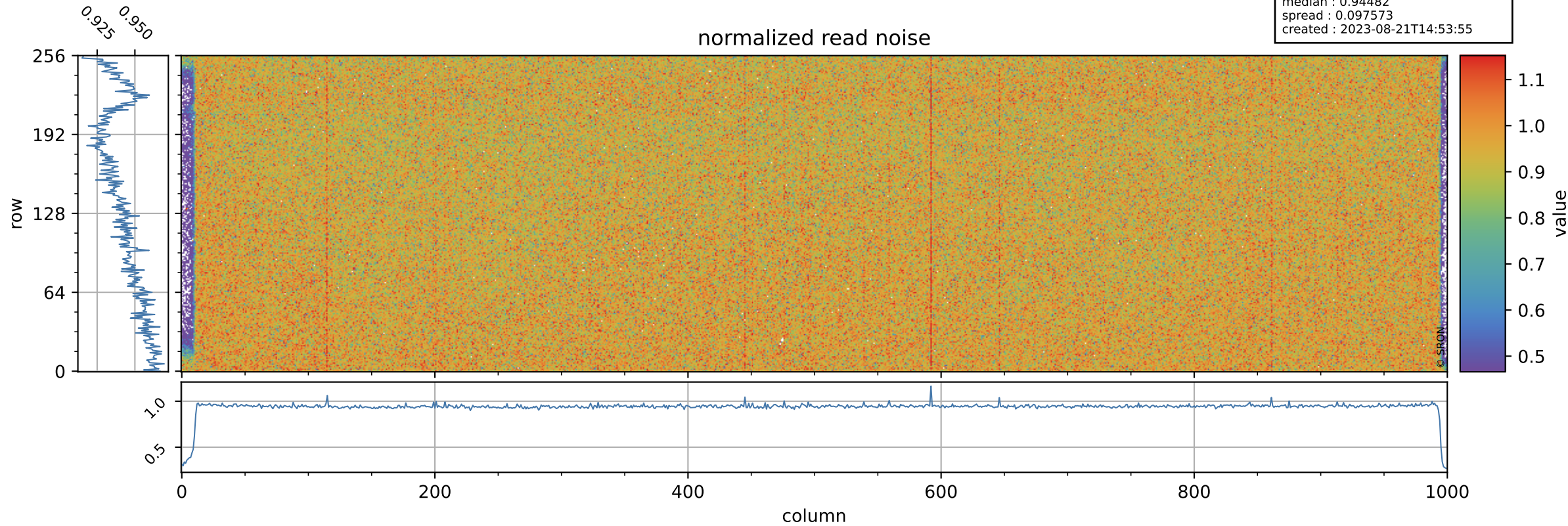
orbits : 12 in [8032, 8107]
coverage : 2019-05-01 / 2019-05-07
median : 1.1283 e
spread : 0.063648 e
created : 2023-08-21T14:53:55



Tropomi SWIR background noise (swir)

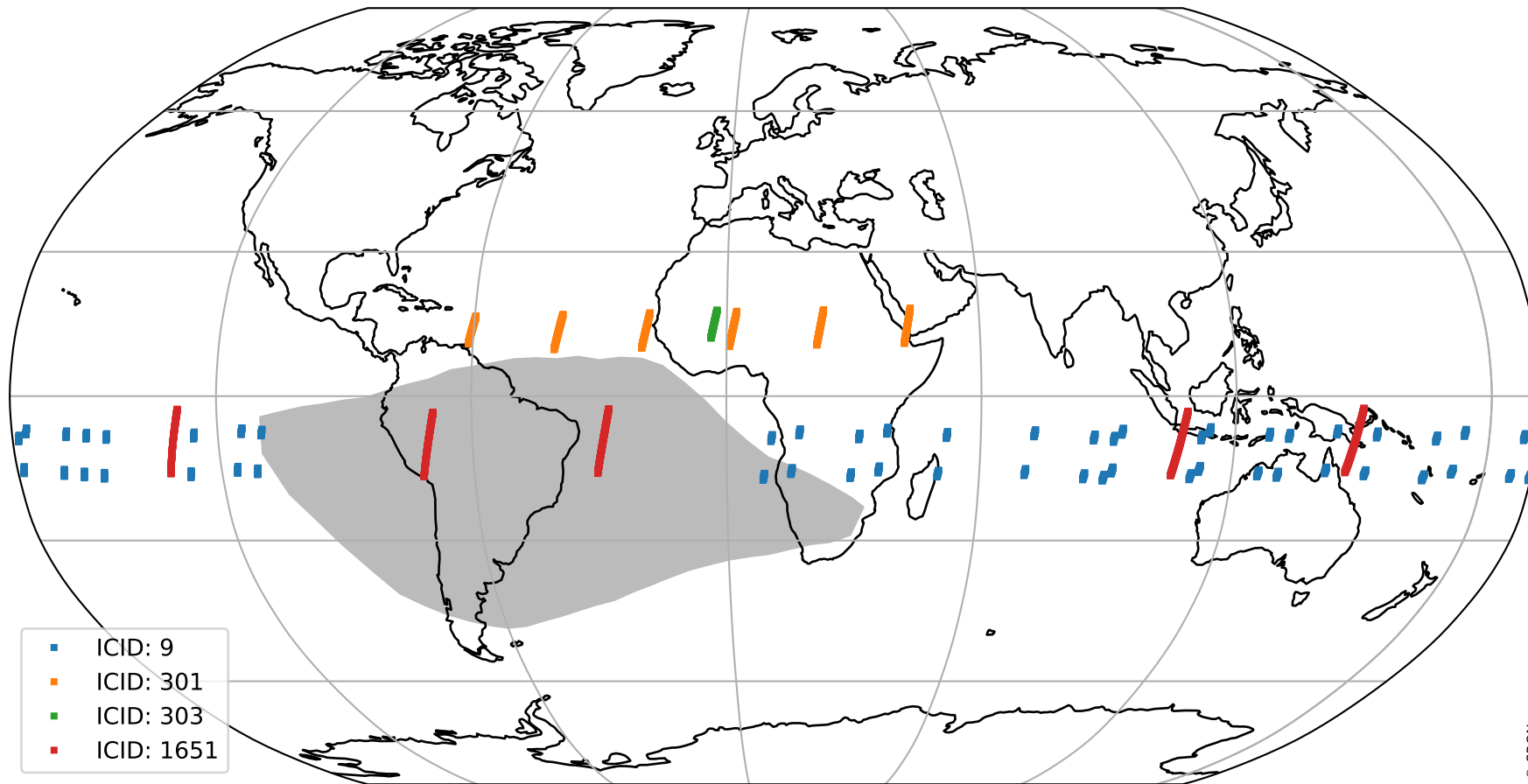
orbits : 12 in [8032, 8107]
coverage : 2019-05-01 / 2019-05-07
median : 0.94482
spread : 0.097573
created : 2023-08-21T14:53:55

normalized read noise



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

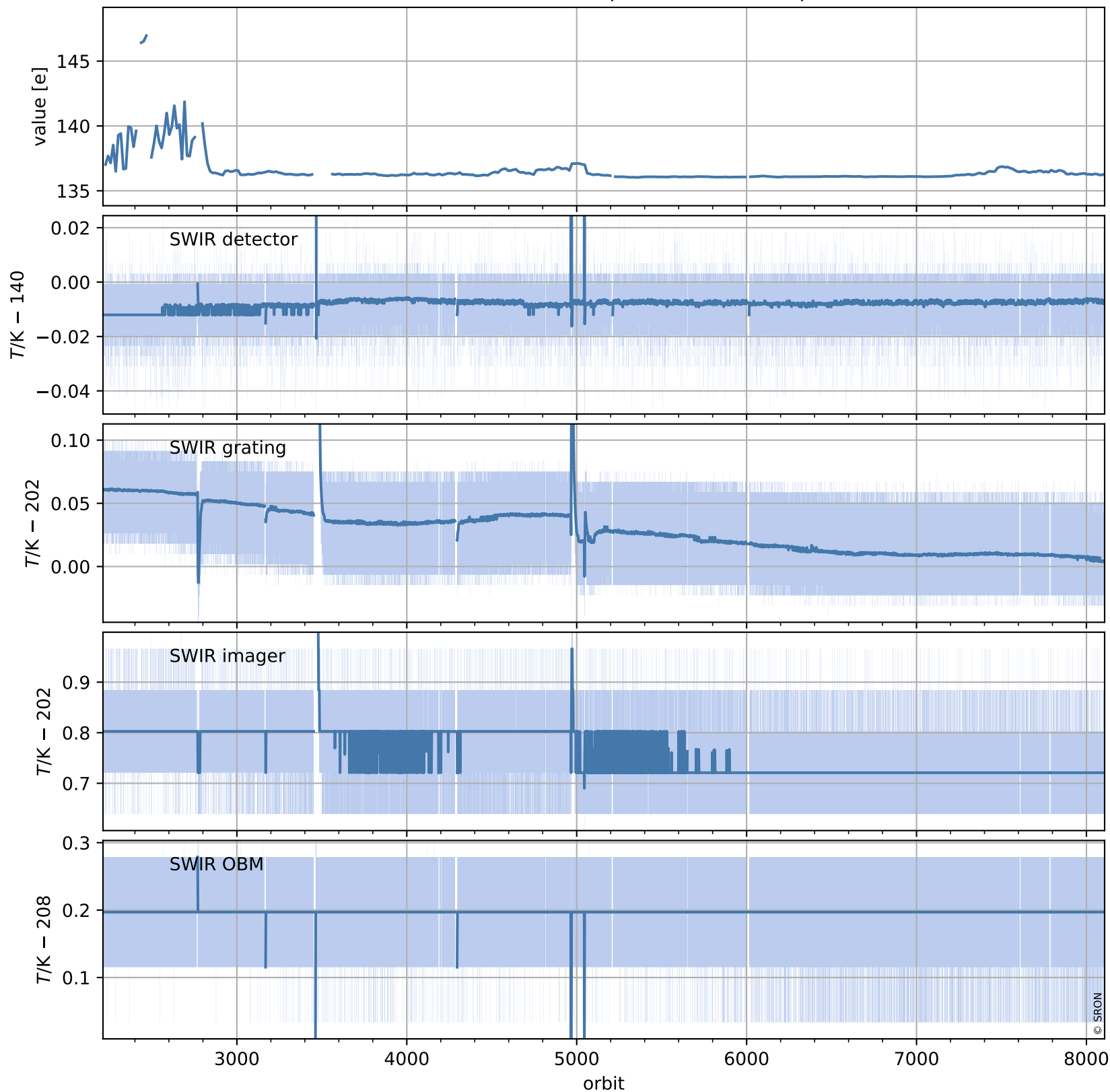
orbits : 12 in [8032, 8107]
coverage : 2019-05-01 / 2019-05-07
created : 2023-08-21T14:53:56



Tropomi SWIR background noise (swir)

orbits : [2212, 8107]
coverage : 2018-03-18 / 2019-05-07
created : 2023-08-21T14:53:56

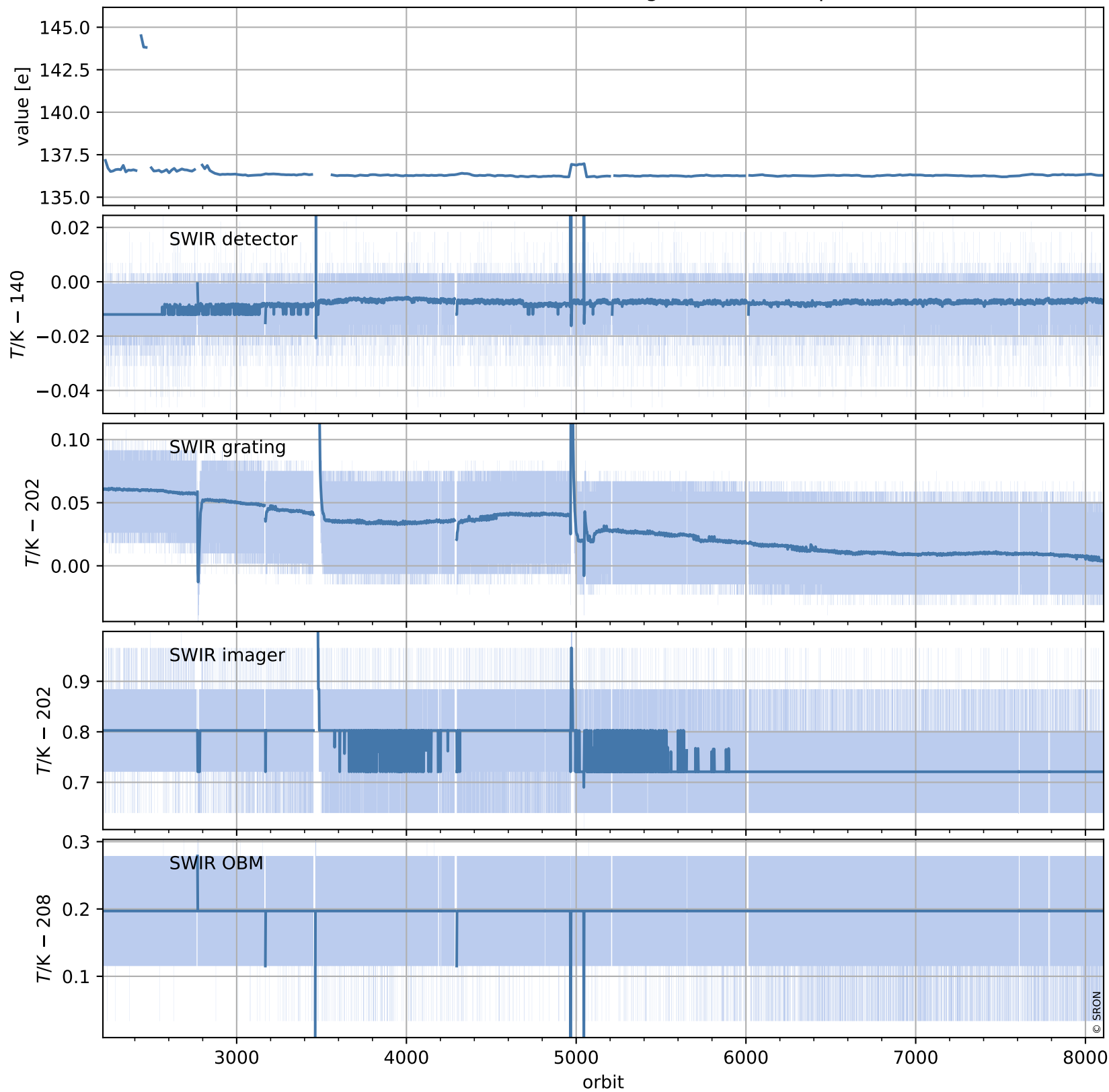
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8107]
coverage : 2018-03-18 / 2019-05-07
created : 2023-08-21T14:53:57

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8107]
coverage : 2018-03-18 / 2019-05-07
created : 2023-08-21T14:53:58

trend of normalized read-noise & temperatures

