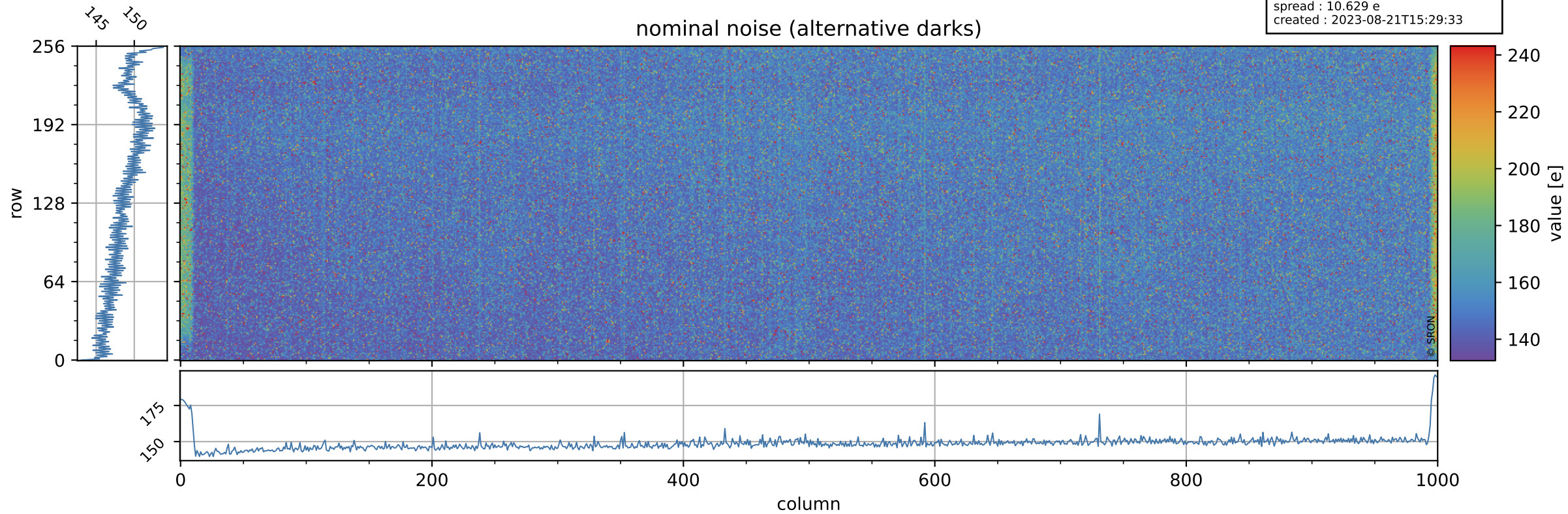


Tropomi SWIR background noise (swir)

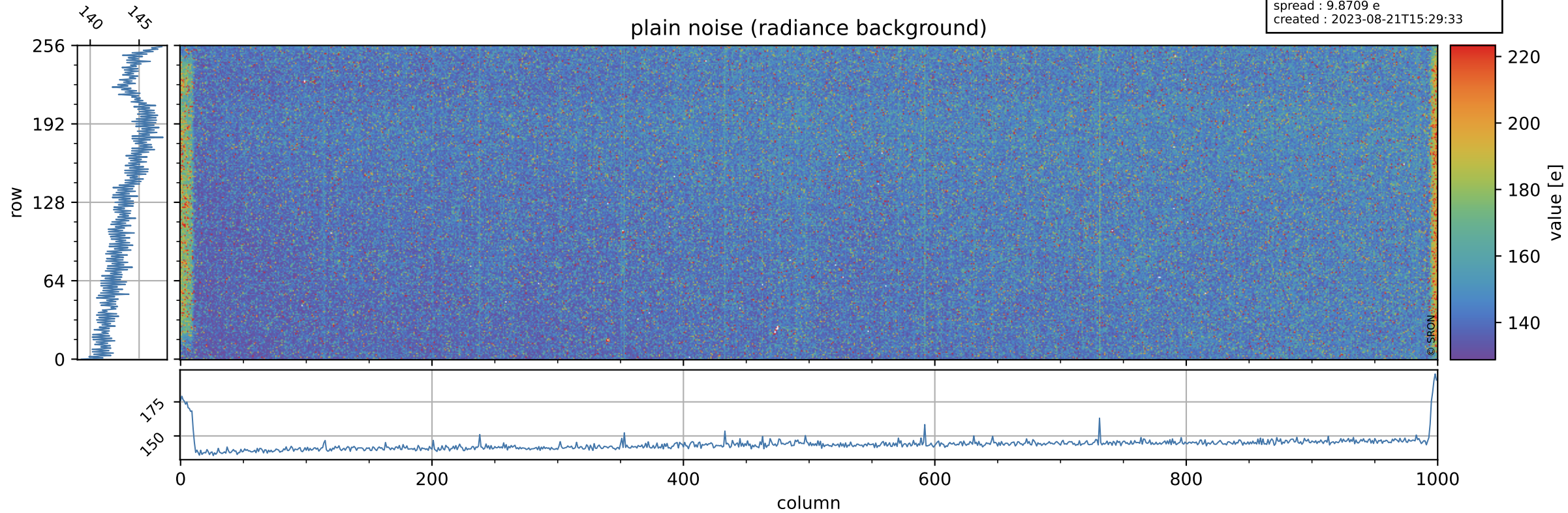
orbits : 12 in [13072, 13147]
coverage : 2020-04-21 / 2020-04-26
n_coad, t_exp : 1, 1.0783
median : 148.53 e
spread : 10.629 e
created : 2023-08-21T15:29:33



Tropomi SWIR background noise (swir)

orbits : 12 in [13072, 13147]
coverage : 2020-04-21 / 2020-04-26
n_coad, t_exp : 1, 0.8383
median : 143.56 e
spread : 9.8709 e
created : 2023-08-21T15:29:33

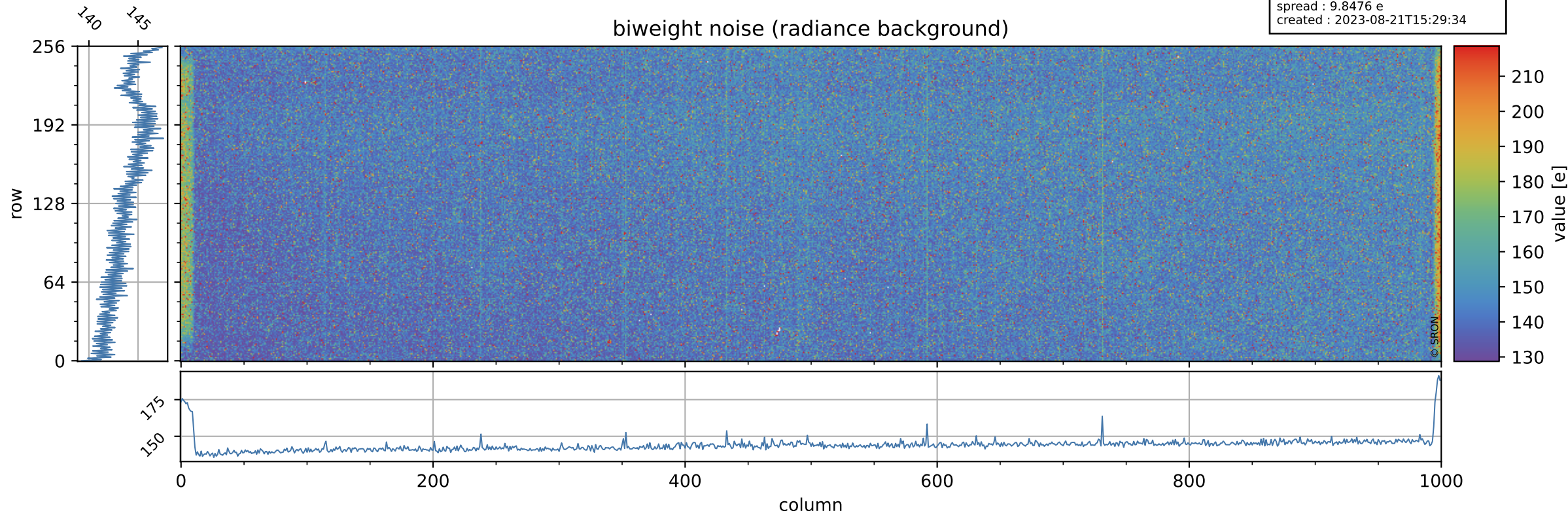
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13072, 13147]
coverage : 2020-04-21 / 2020-04-26
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.8476 e
created : 2023-08-21T15:29:34

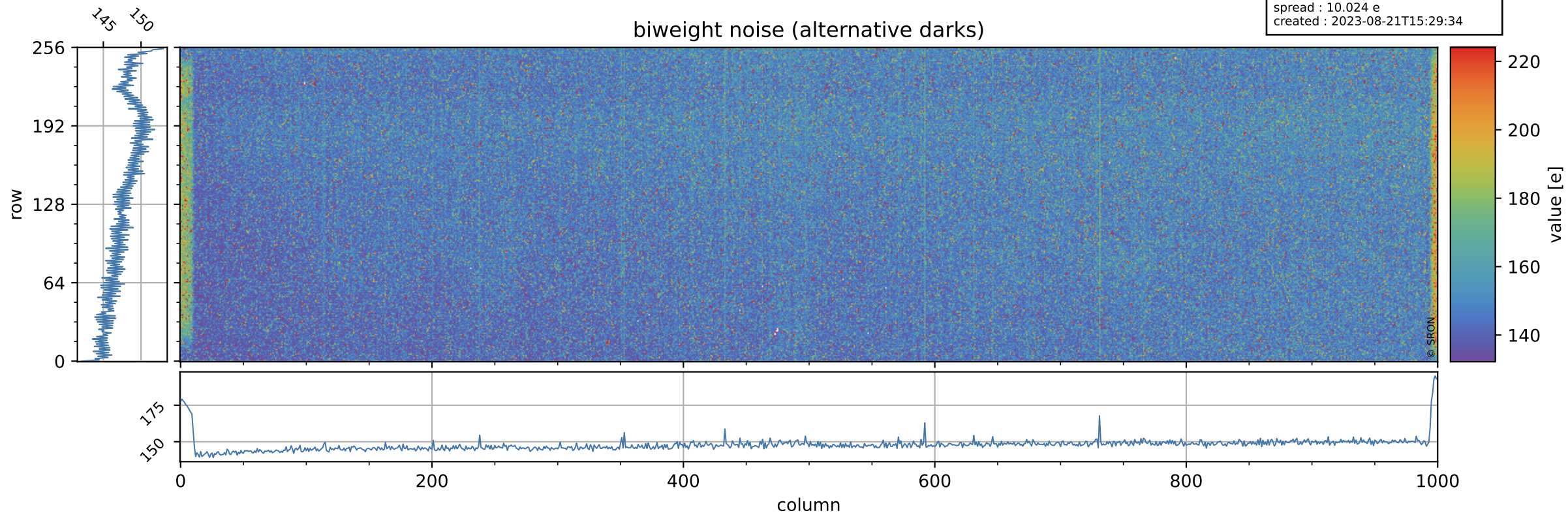
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13072, 13147]
coverage : 2020-04-21 / 2020-04-26
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.024 e
created : 2023-08-21T15:29:34

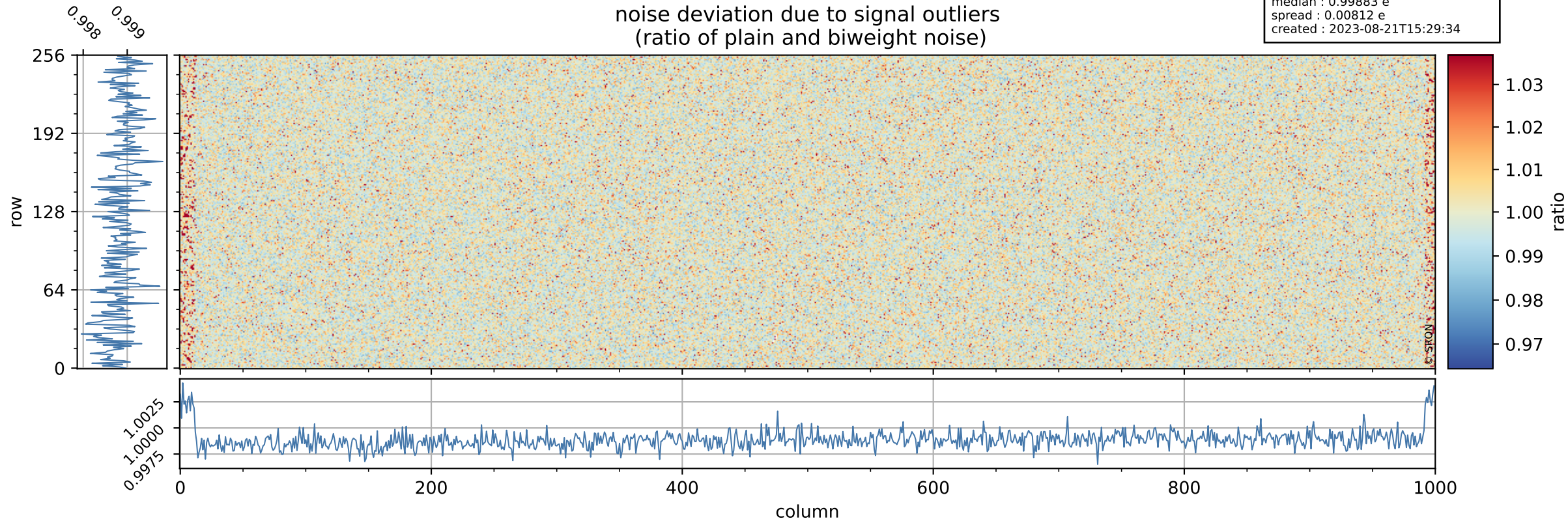
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

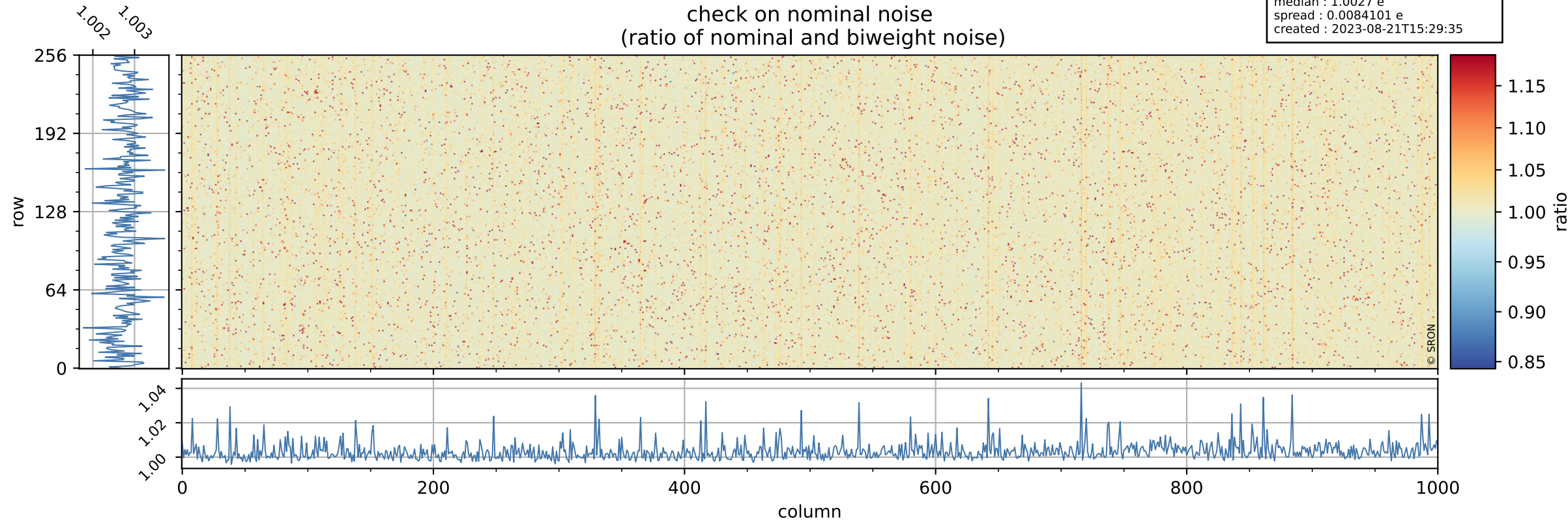
orbits : 12 in [13072, 13147]
coverage : 2020-04-21 / 2020-04-26
median : 0.99883 e
spread : 0.00812 e
created : 2023-08-21T15:29:34



Tropomi SWIR background noise (swir)

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

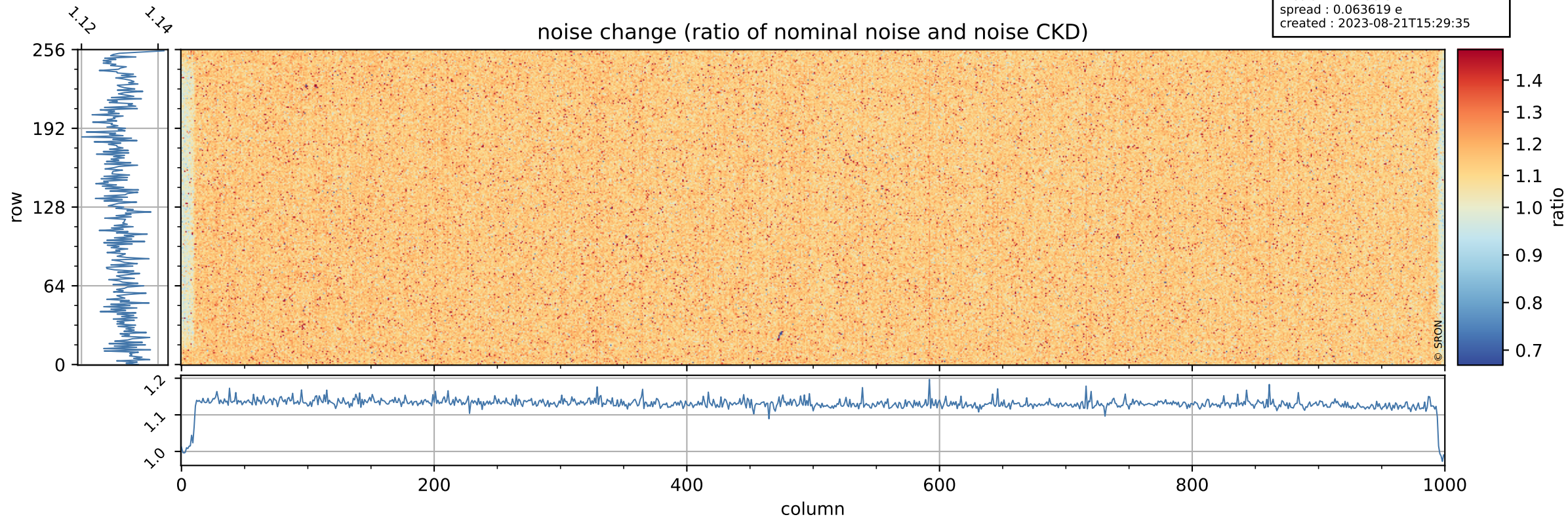
orbits : 12 in [13072, 13147]
coverage : 2020-04-21 / 2020-04-26
median : 1.0027 e
spread : 0.0084101 e
created : 2023-08-21T15:29:35



Tropomi SWIR background noise (swir)

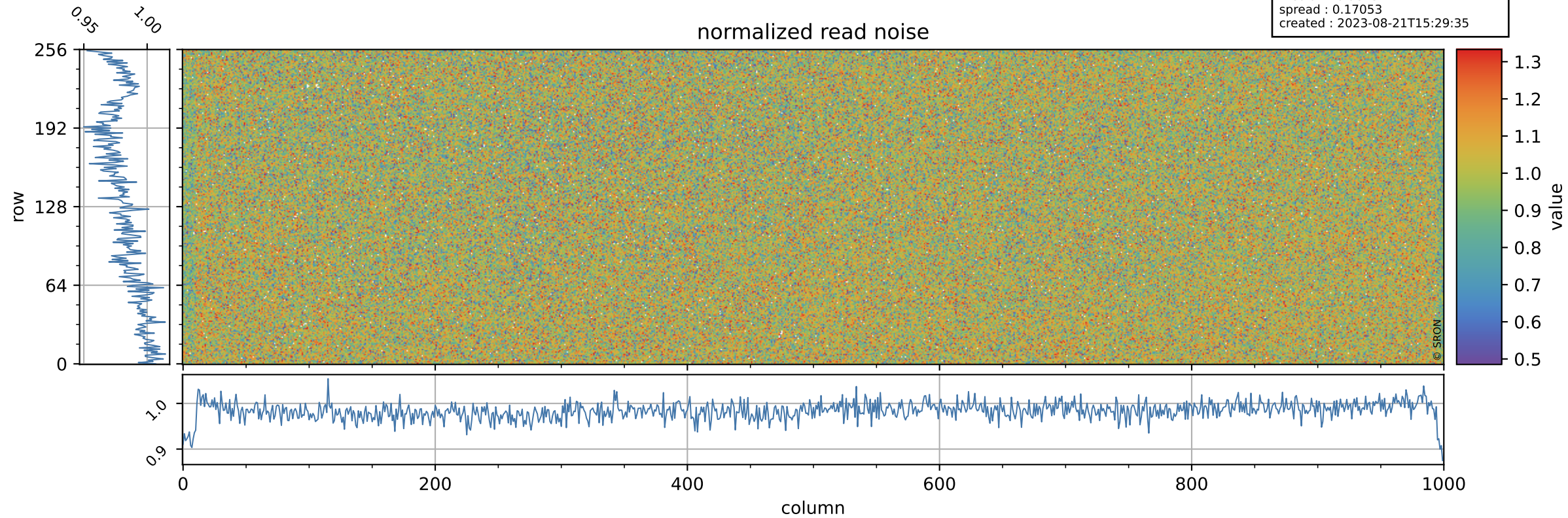
orbits : 12 in [13072, 13147]
coverage : 2020-04-21 / 2020-04-26
median : 1.1296 e
spread : 0.063619 e
created : 2023-08-21T15:29:35

noise change (ratio of nominal noise and noise CKD)



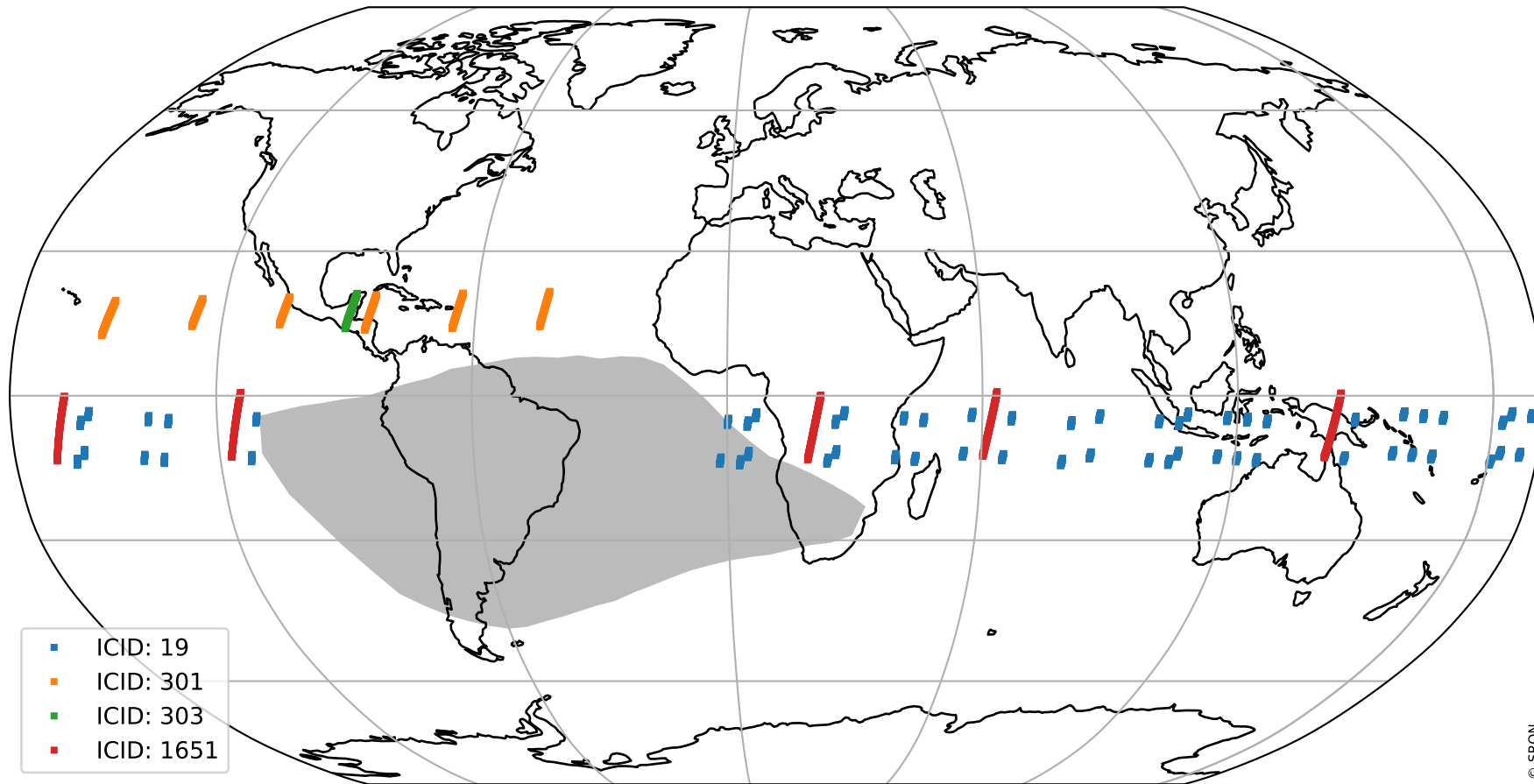
Tropomi SWIR background noise (swir)

orbits : 12 in [13072, 13147]
coverage : 2020-04-21 / 2020-04-26
median : 0.98237
spread : 0.17053
created : 2023-08-21T15:29:35



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

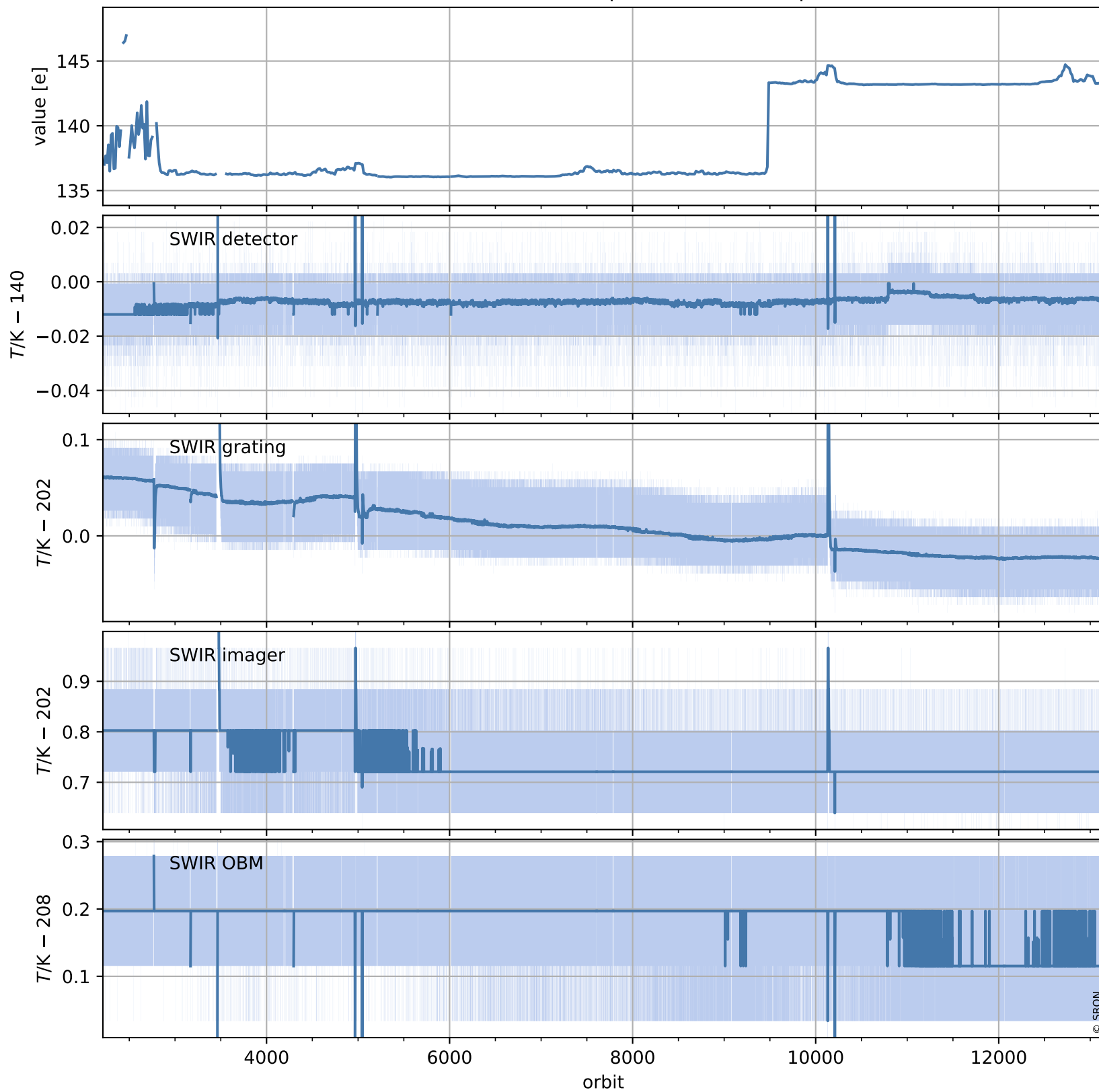
orbits : 12 in [13072, 13147]
coverage : 2020-04-21 / 2020-04-26
created : 2023-08-21T15:29:36



Tropomi SWIR background noise (swir)

orbits : [2212, 13147]
coverage : 2018-03-18 / 2020-04-26
created : 2023-08-21T15:29:36

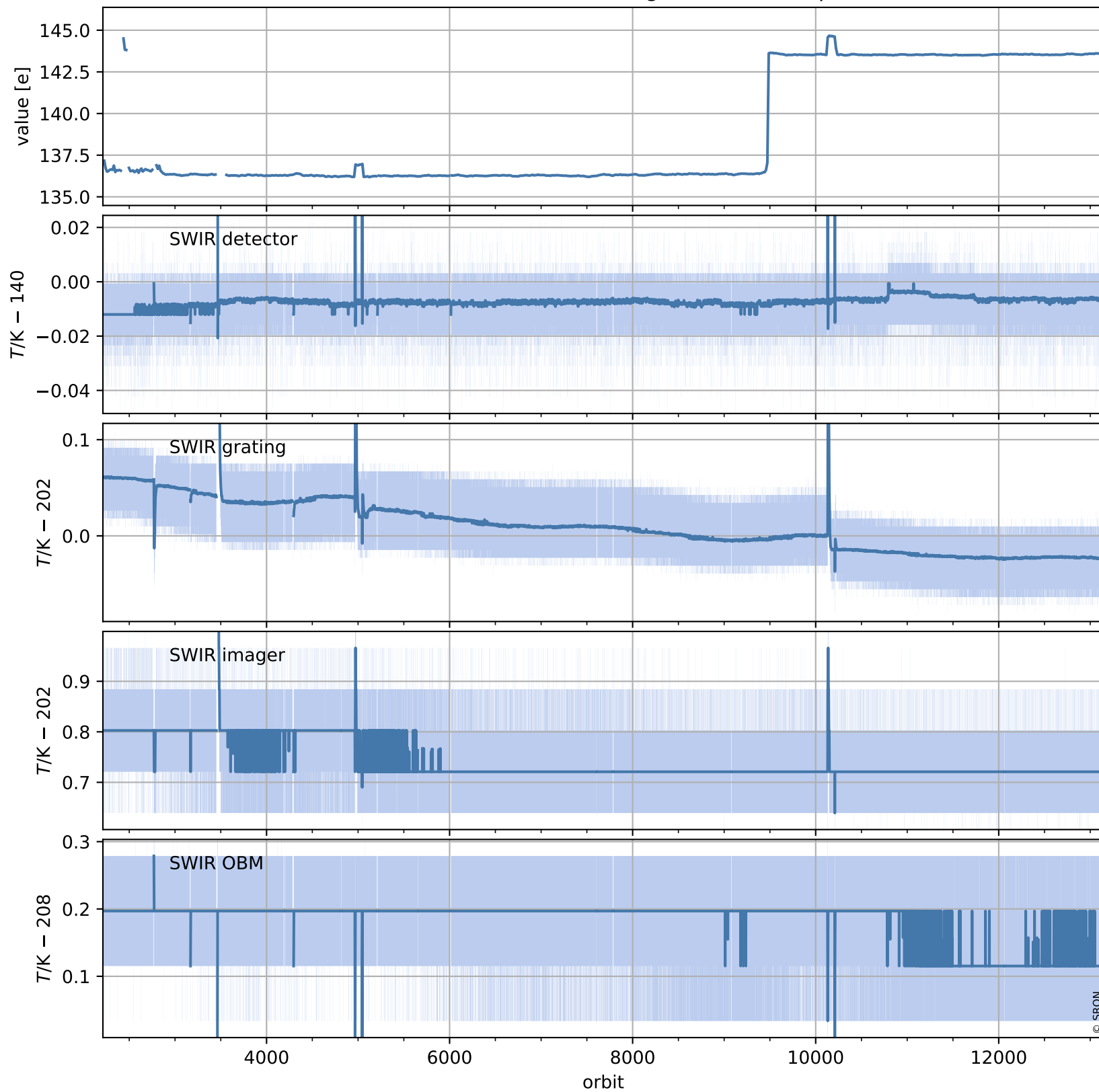
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13147]
coverage : 2018-03-18 / 2020-04-26
created : 2023-08-21T15:29:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13147]
coverage : 2018-03-18 / 2020-04-26
created : 2023-08-21T15:29:37

trend of normalized read-noise & temperatures

