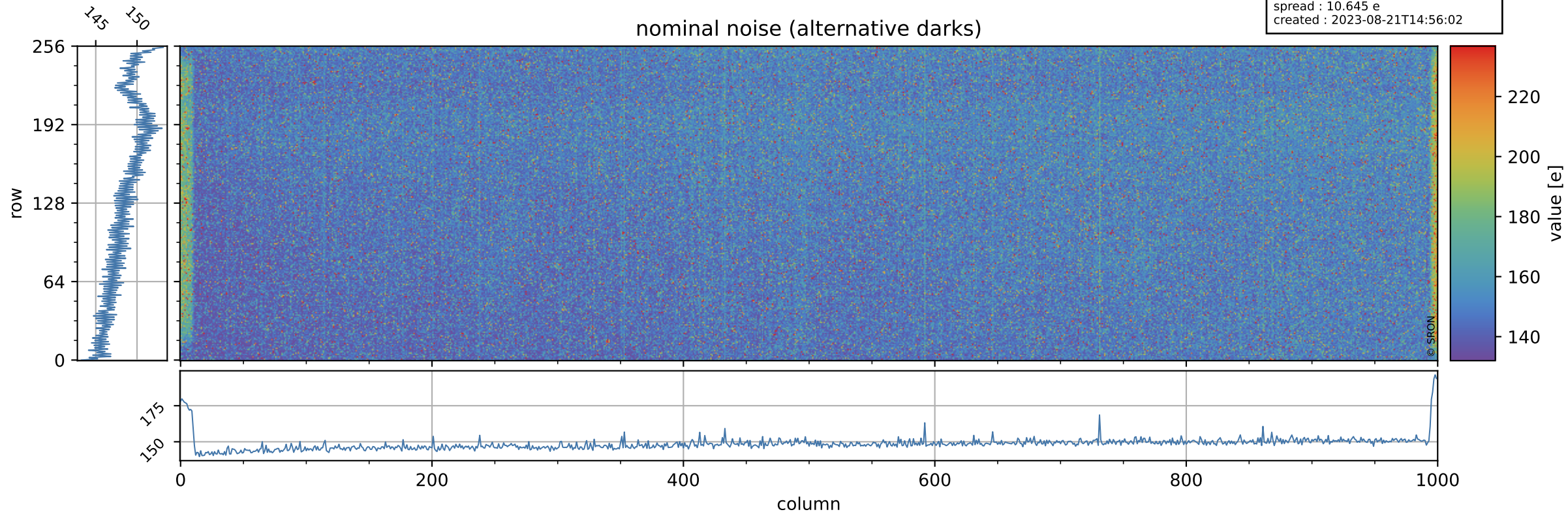


Tropomi SWIR background noise (swir)

orbits : 12 in [8317, 8392]
coverage : 2019-05-21 / 2019-05-27
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.645 e
created : 2023-08-21T14:56:02

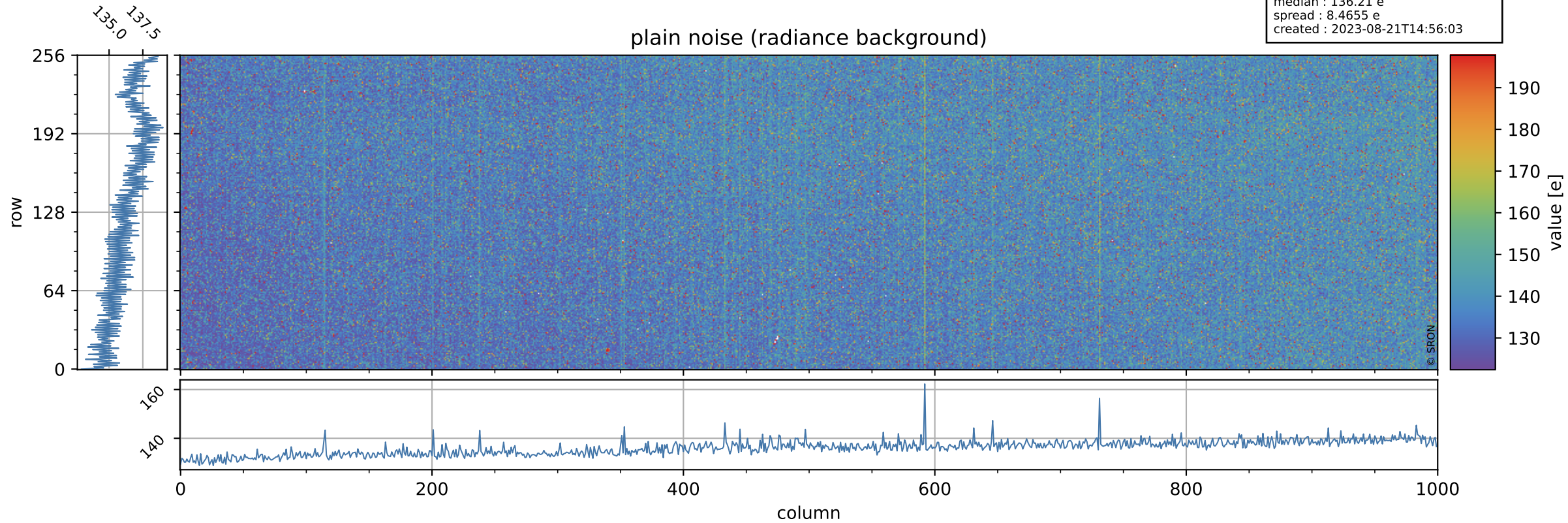
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8317, 8392]
coverage : 2019-05-21 / 2019-05-27
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.4655 e
created : 2023-08-21T14:56:03

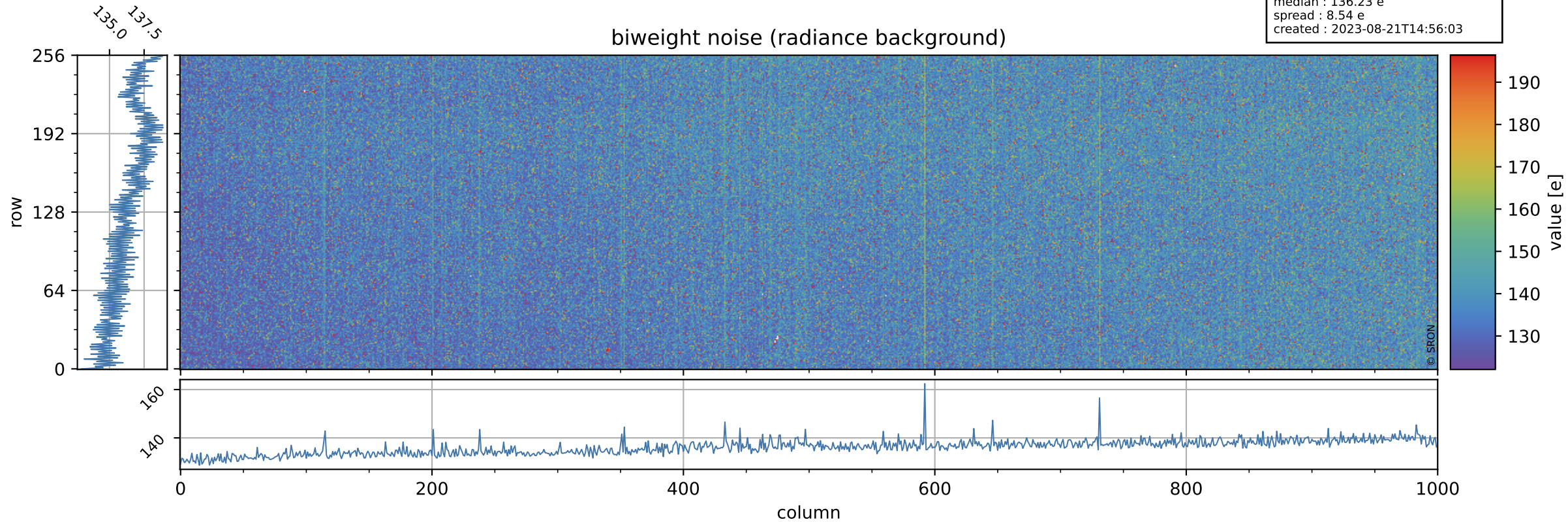
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8317, 8392]
coverage : 2019-05-21 / 2019-05-27
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.54 e
created : 2023-08-21T14:56:03

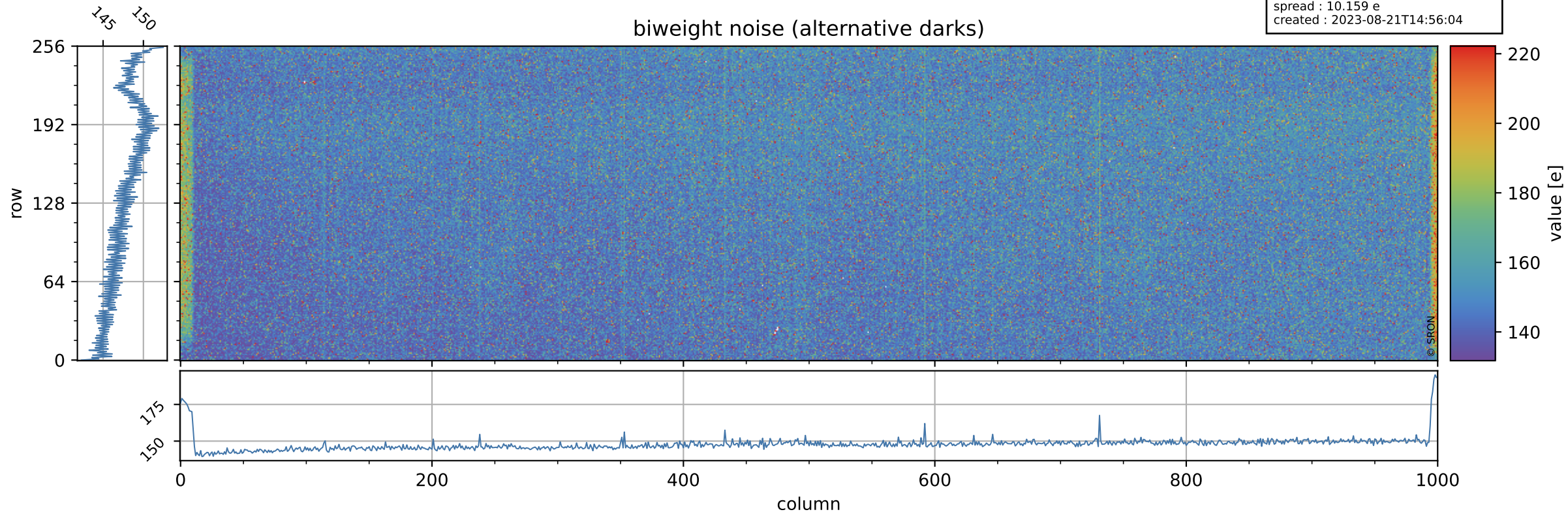
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8317, 8392]
coverage : 2019-05-21 / 2019-05-27
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.159 e
created : 2023-08-21T14:56:04

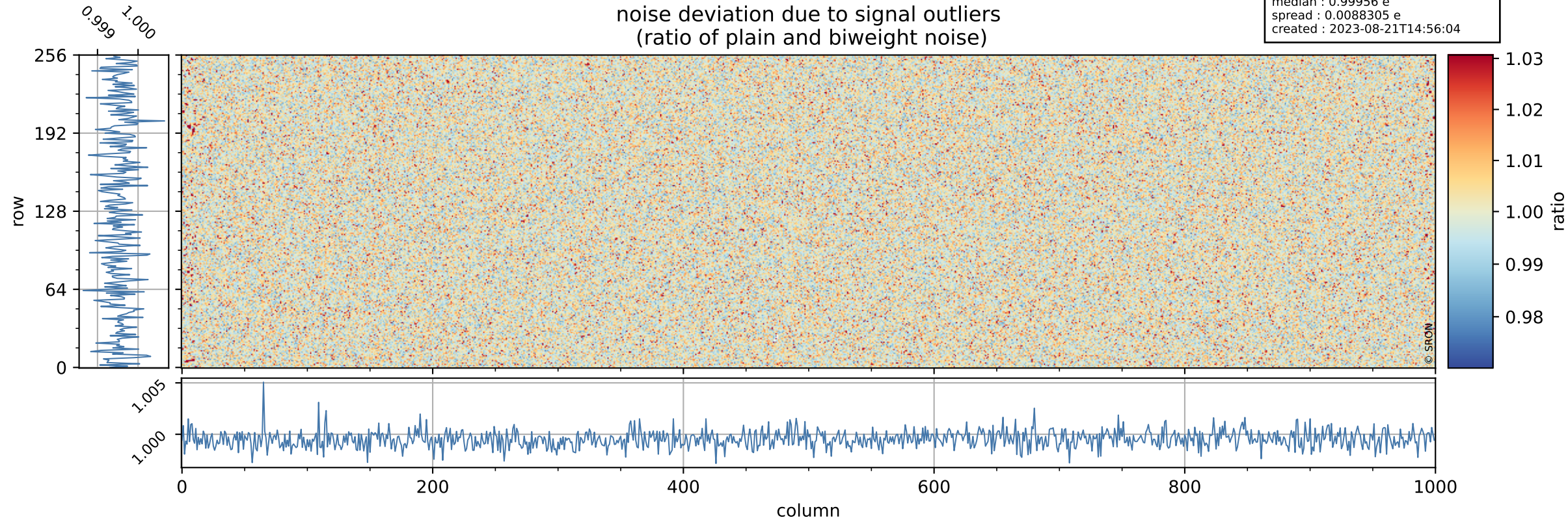
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

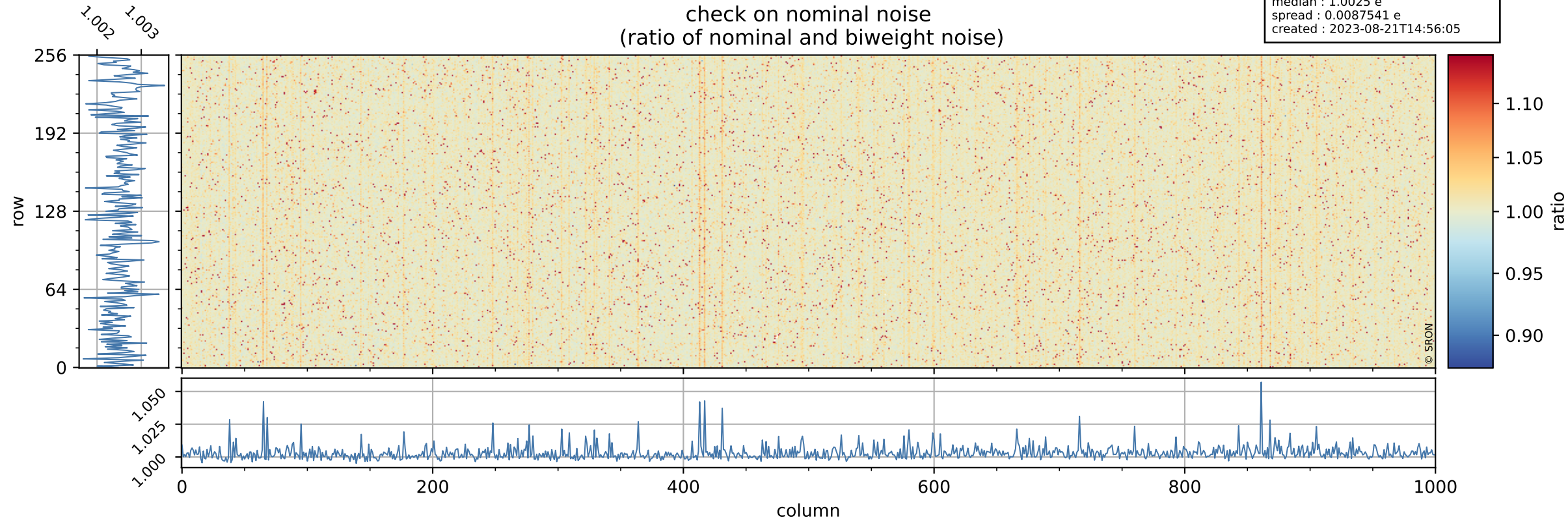
orbits : 12 in [8317, 8392]
coverage : 2019-05-21 / 2019-05-27
median : 0.99956 e
spread : 0.0088305 e
created : 2023-08-21T14:56:04



Tropomi SWIR background noise (swir)

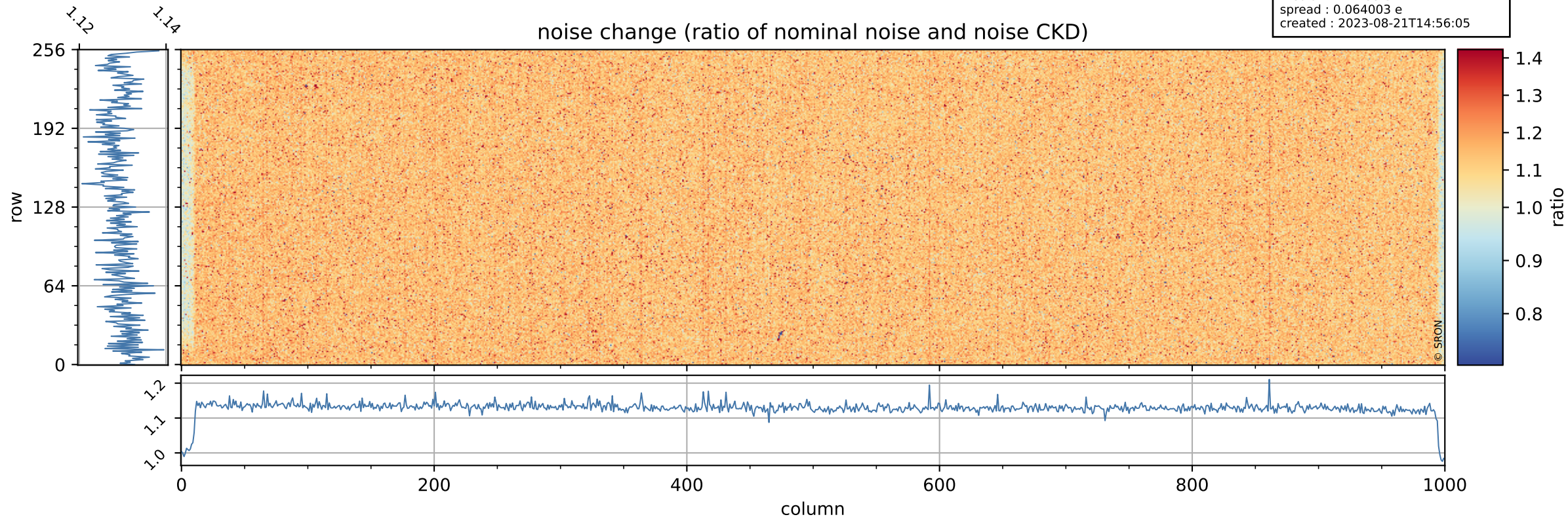
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8317, 8392]
coverage : 2019-05-21 / 2019-05-27
median : 1.0025 e
spread : 0.0087541 e
created : 2023-08-21T14:56:05



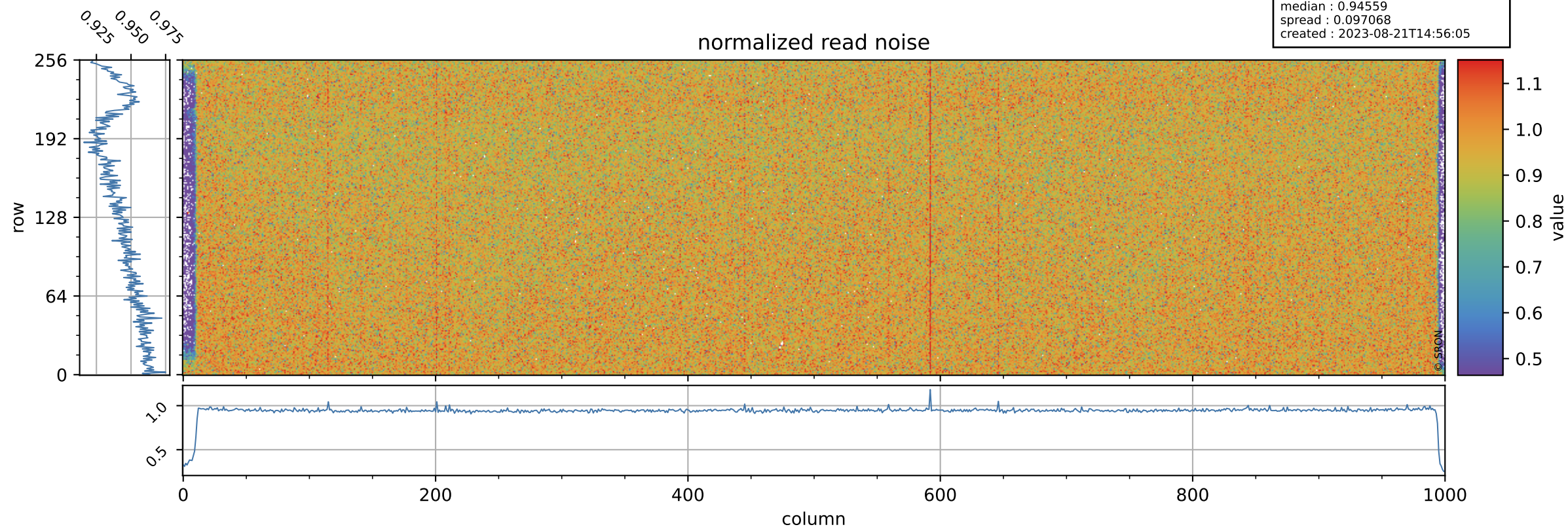
Tropomi SWIR background noise (swir)

orbits : 12 in [8317, 8392]
coverage : 2019-05-21 / 2019-05-27
median : 1.1288 e
spread : 0.064003 e
created : 2023-08-21T14:56:05



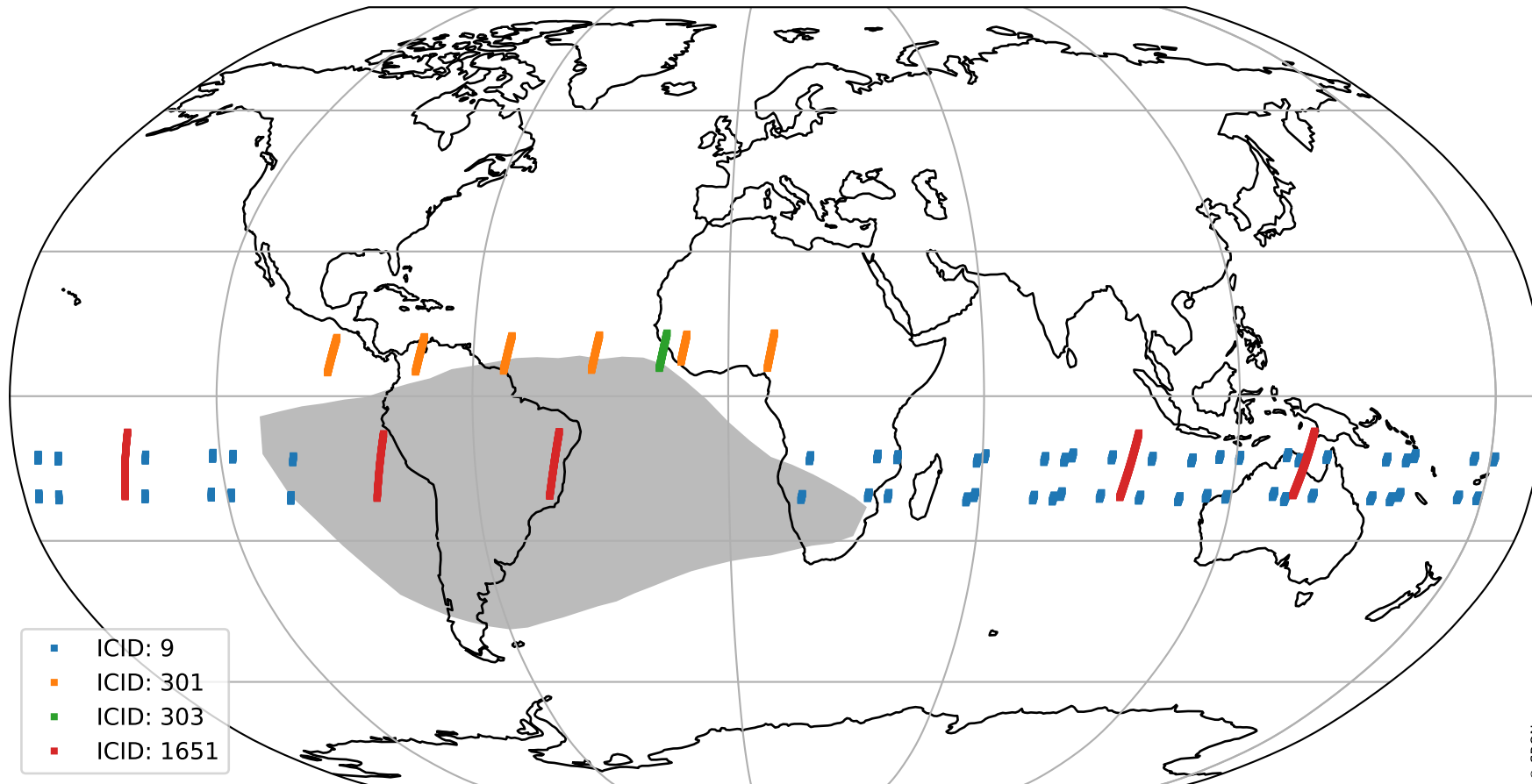
Tropomi SWIR background noise (swir)

orbits : 12 in [8317, 8392]
coverage : 2019-05-21 / 2019-05-27
median : 0.94559
spread : 0.097068
created : 2023-08-21T14:56:05



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

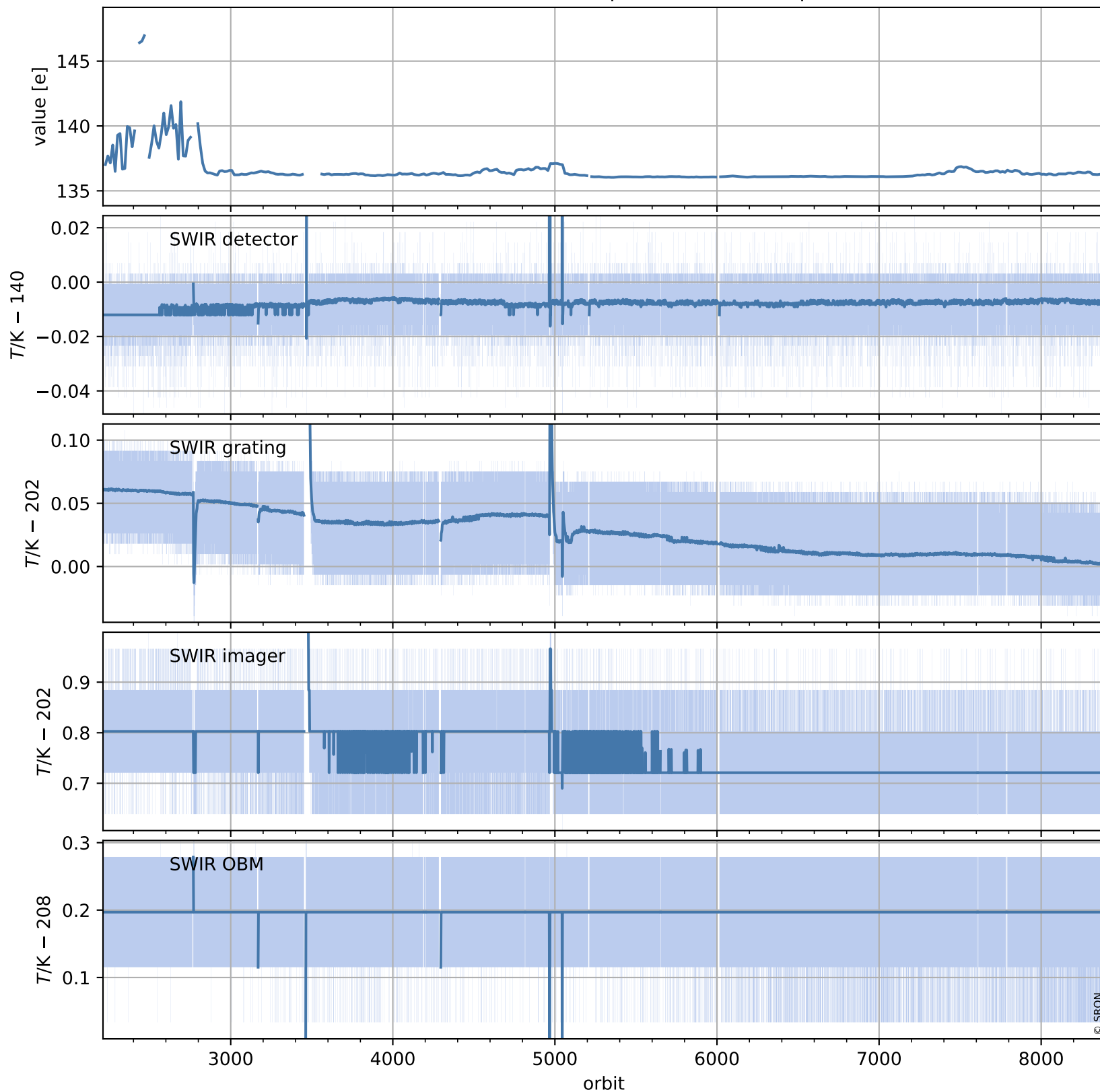
orbits : 12 in [8317, 8392]
coverage : 2019-05-21 / 2019-05-27
created : 2023-08-21T14:56:06



Tropomi SWIR background noise (swir)

orbits : [2212, 8392]
coverage : 2018-03-18 / 2019-05-27
created : 2023-08-21T14:56:06

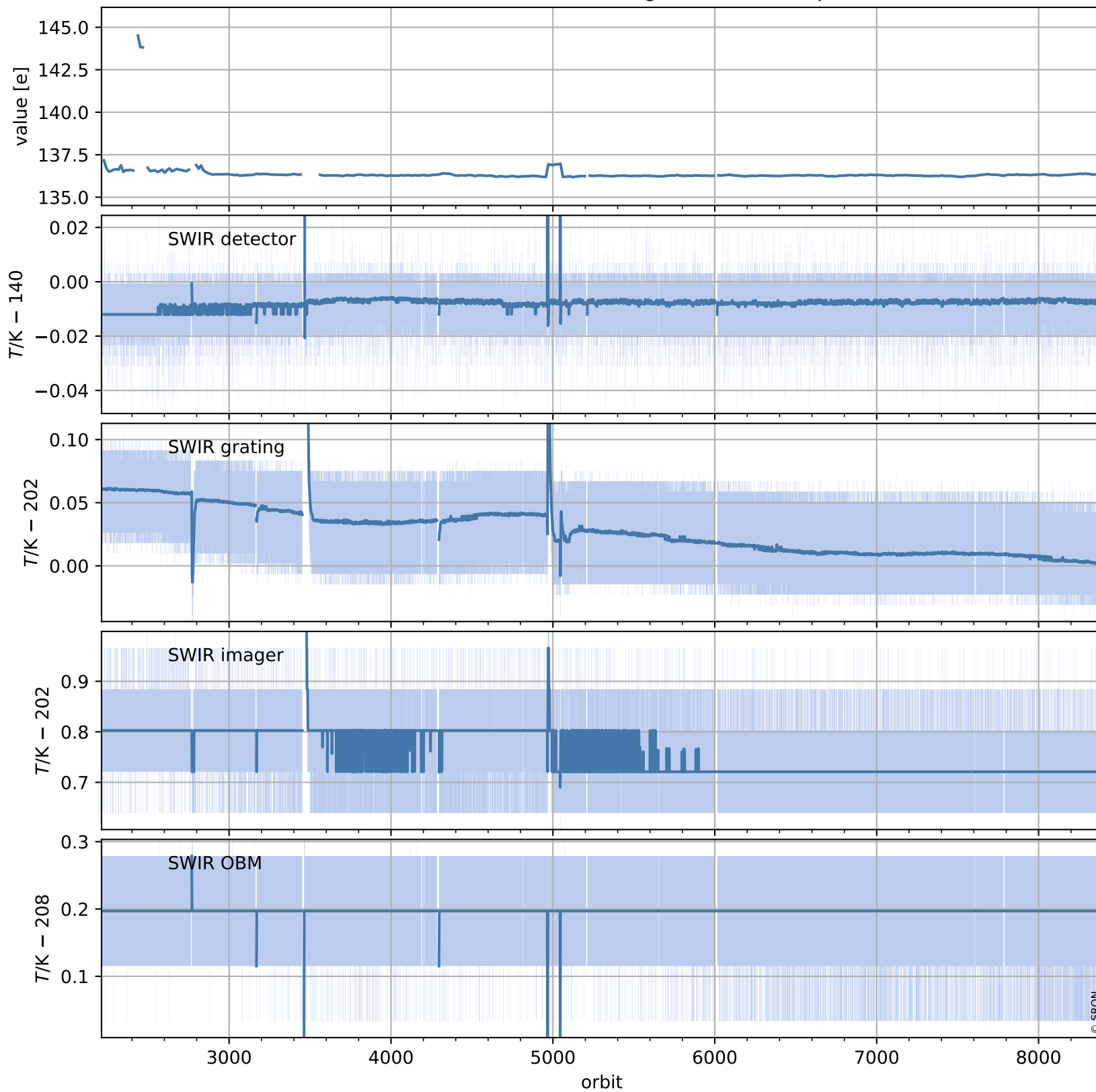
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8392]
coverage : 2018-03-18 / 2019-05-27
created : 2023-08-21T14:56:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8392]
coverage : 2018-03-18 / 2019-05-27
created : 2023-08-21T14:56:08

trend of normalized read-noise & temperatures

