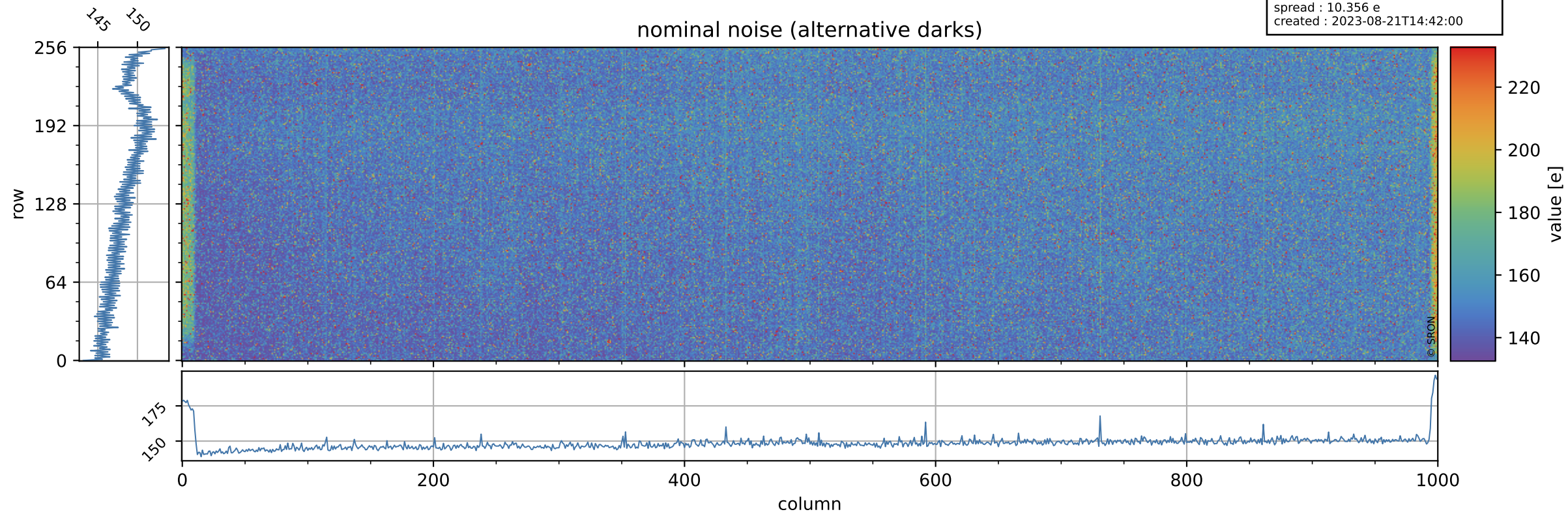


Tropomi SWIR background noise (swir)

orbits : 13 in [6412, 6487]
coverage : 2019-01-07 / 2019-01-13
n_coad, t_exp : 1, 1.0783
median : 148.27 e
spread : 10.356 e
created : 2023-08-21T14:42:00

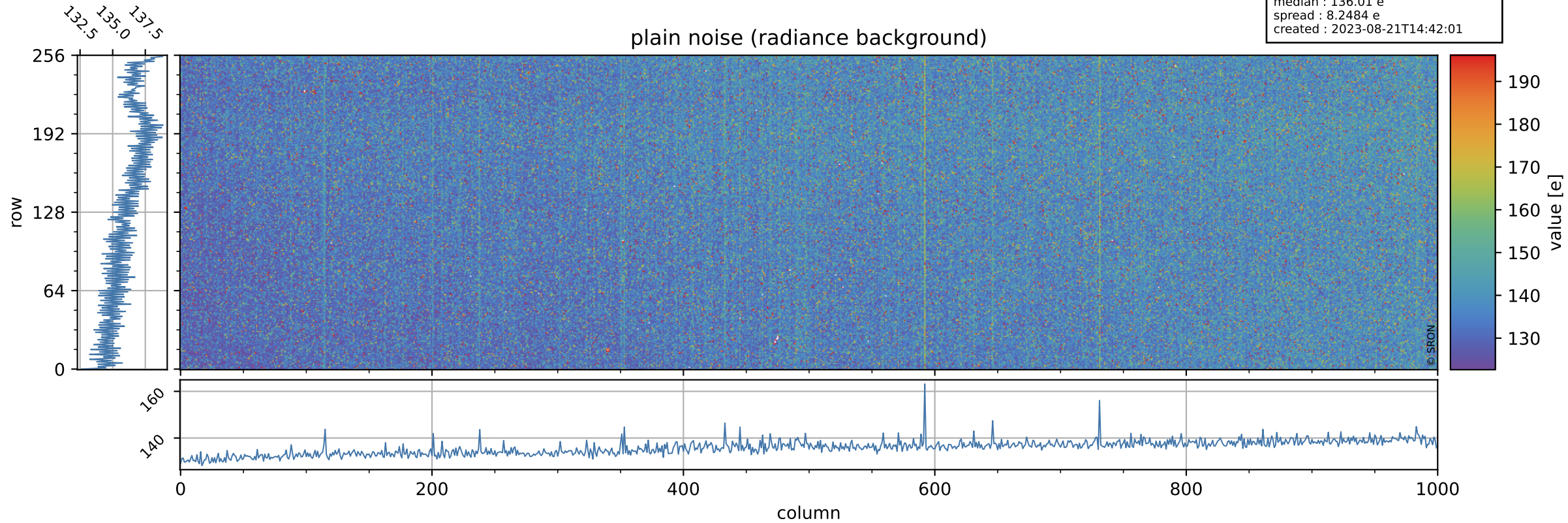
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [6412, 6487]
coverage : 2019-01-07 / 2019-01-13
n_coad, t_exp : 2, 0.5383
median : 136.01 e
spread : 8.2484 e
created : 2023-08-21T14:42:01

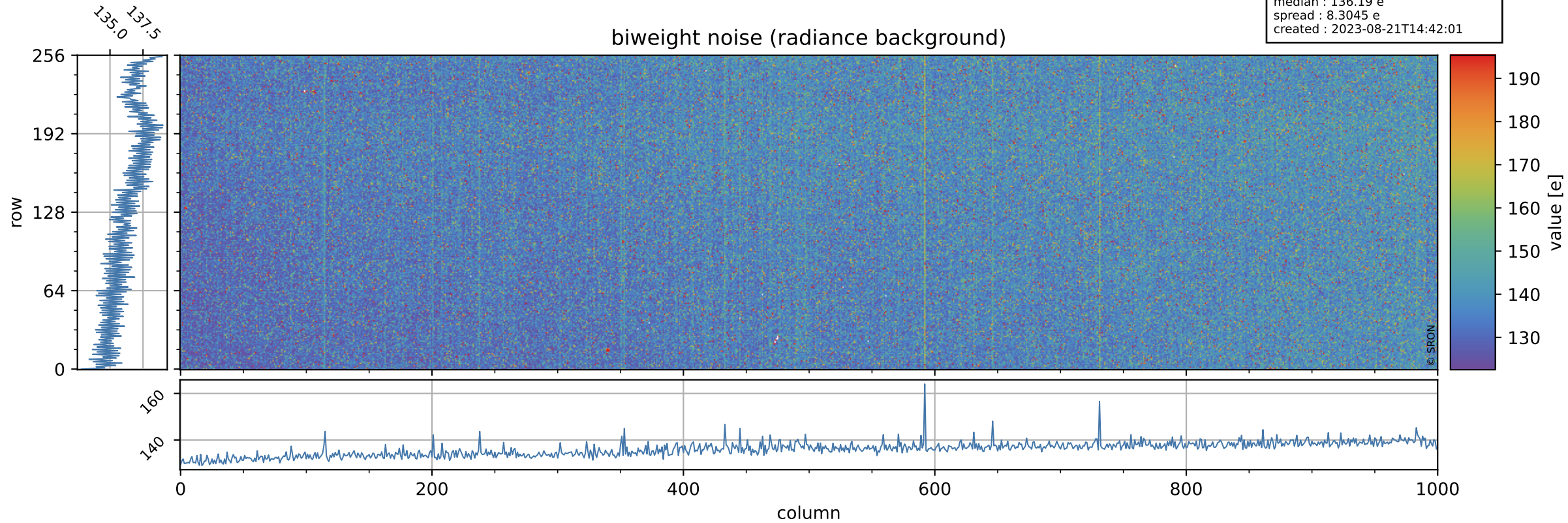
plain noise (radiance background)



Tropomi SWIR background noise (swir)

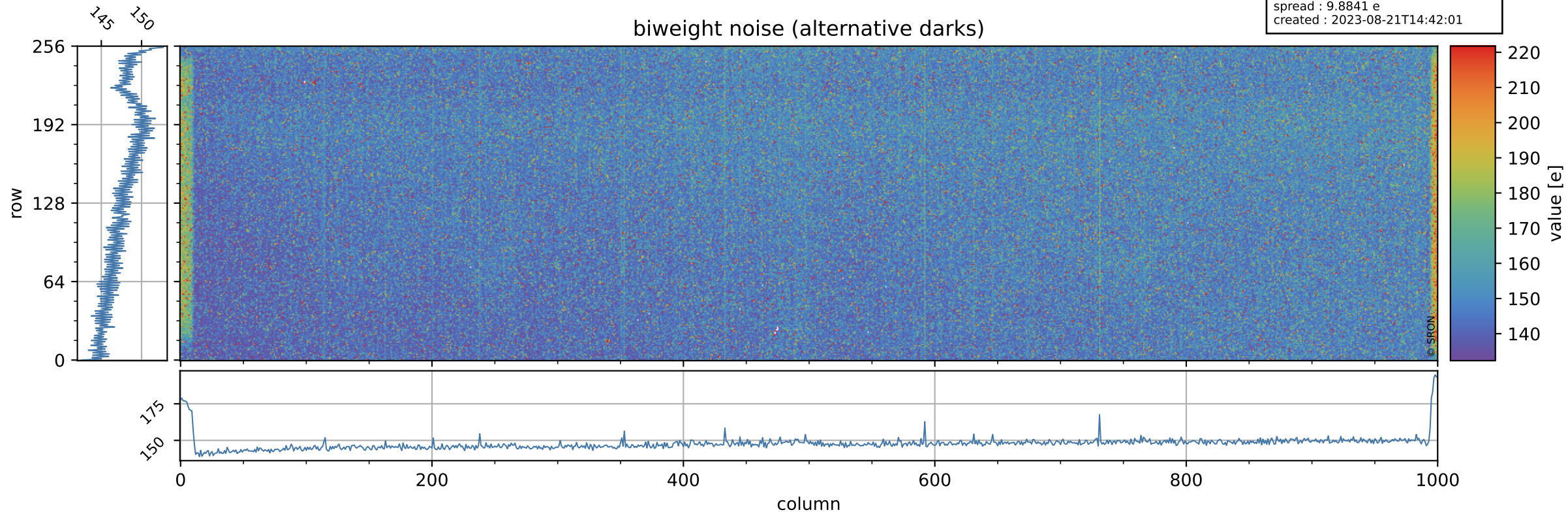
orbits : 13 in [6412, 6487]
coverage : 2019-01-07 / 2019-01-13
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.3045 e
created : 2023-08-21T14:42:01

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

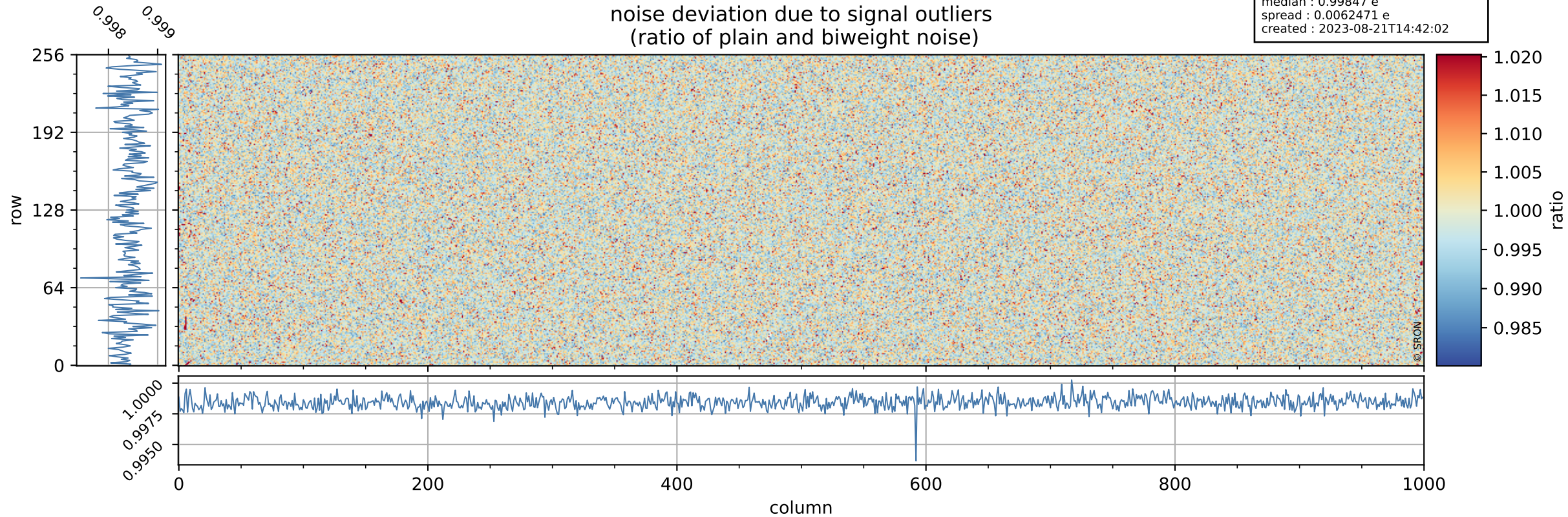
orbits : 13 in [6412, 6487]
coverage : 2019-01-07 / 2019-01-13
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.8841 e
created : 2023-08-21T14:42:01



Tropomi SWIR background noise (swir)

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

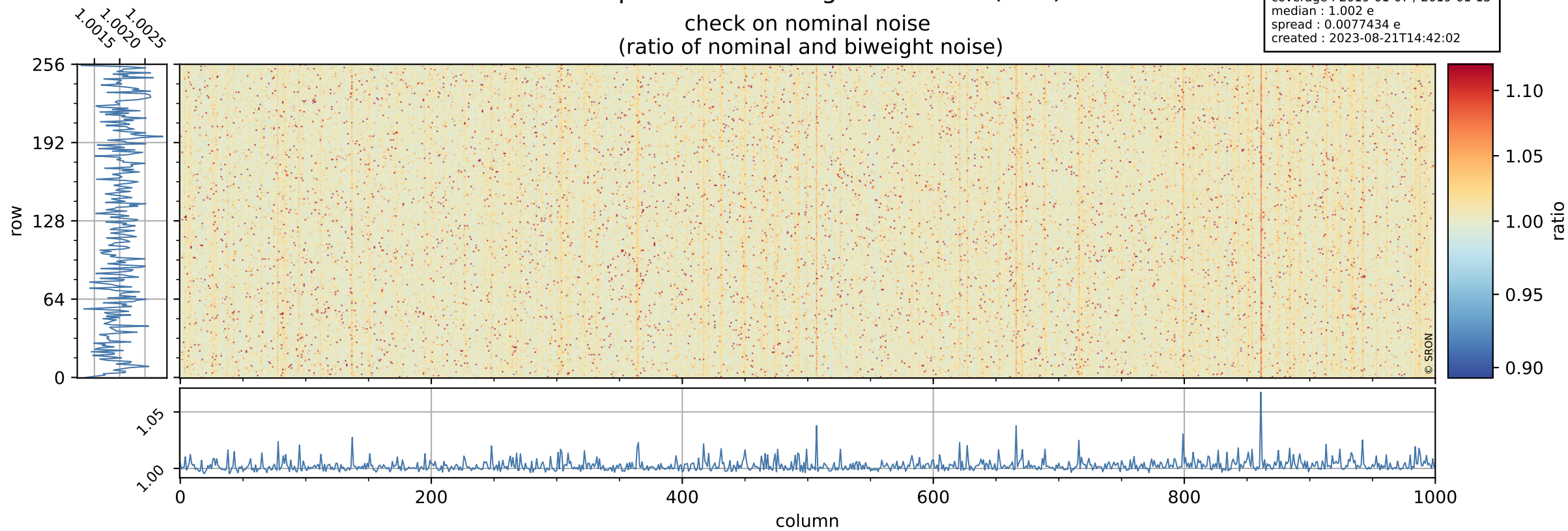
orbits : 13 in [6412, 6487]
coverage : 2019-01-07 / 2019-01-13
median : 0.99847 e
spread : 0.0062471 e
created : 2023-08-21T14:42:02



Tropomi SWIR background noise (swir)

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

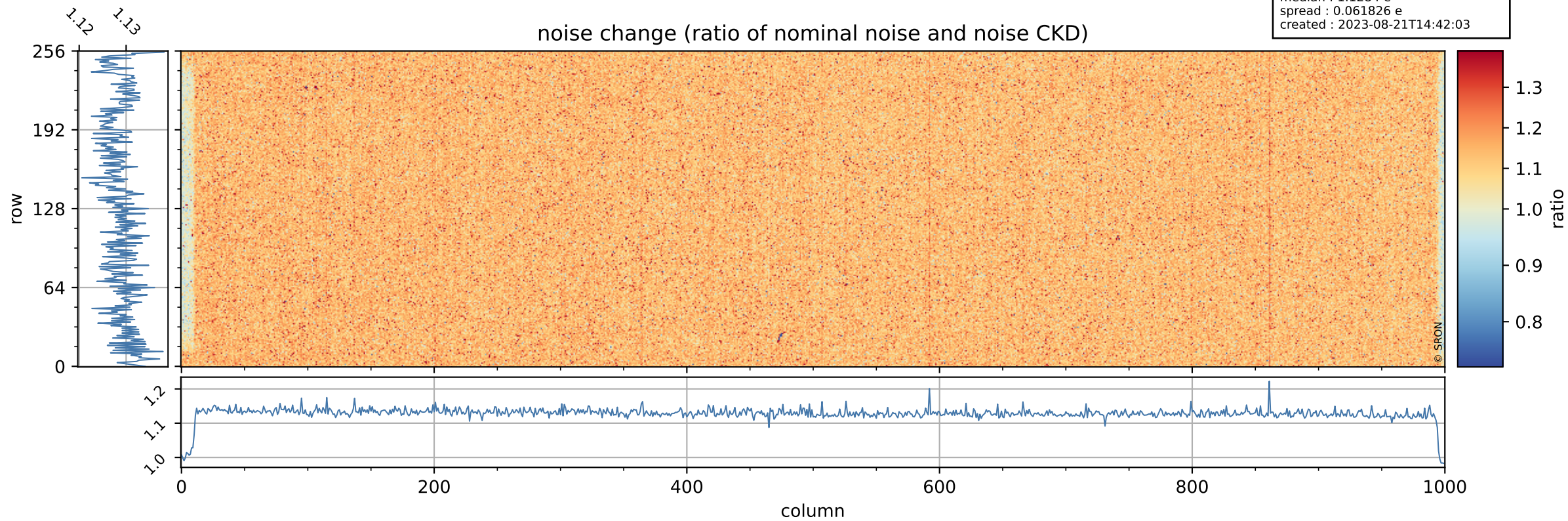
orbits : 13 in [6412, 6487]
coverage : 2019-01-07 / 2019-01-13
median : 1.002 e
spread : 0.0077434 e
created : 2023-08-21T14:42:02



Tropomi SWIR background noise (swir)

orbits : 13 in [6412, 6487]
coverage : 2019-01-07 / 2019-01-13
median : 1.1284 e
spread : 0.061826 e
created : 2023-08-21T14:42:03

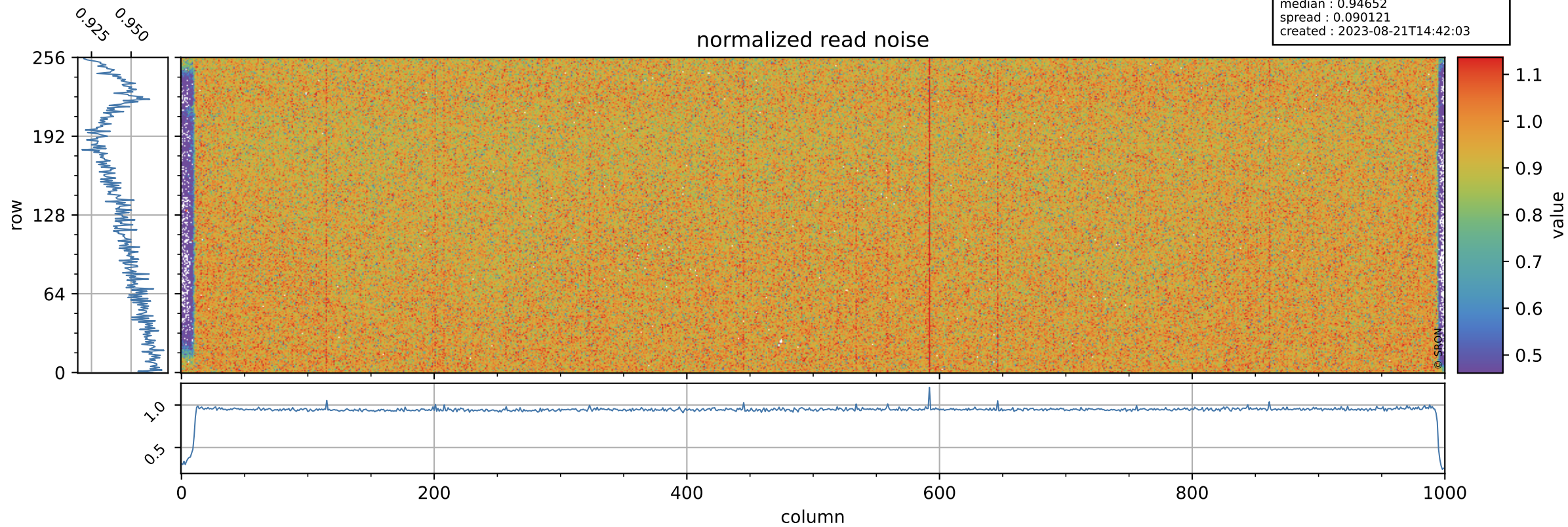
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

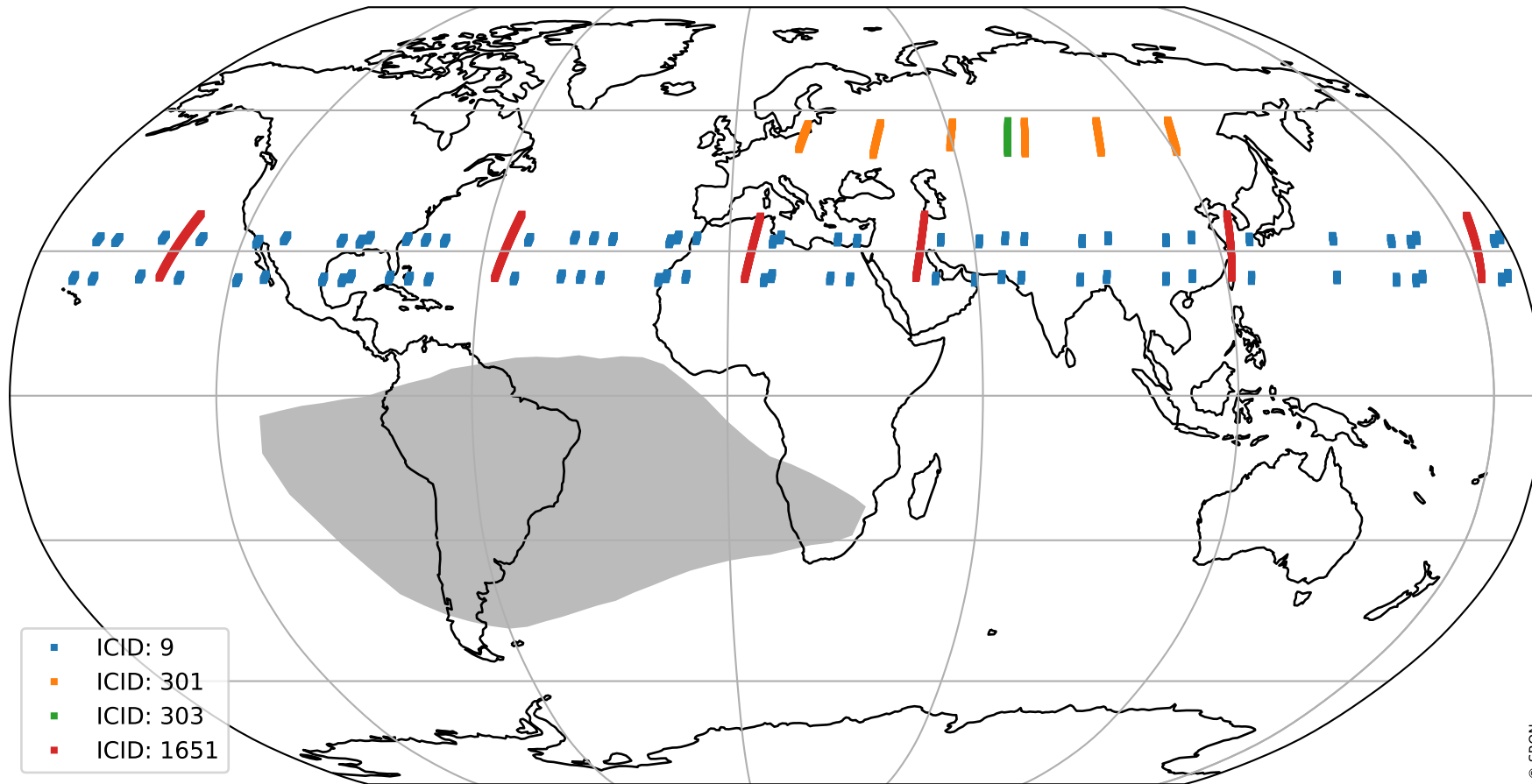
orbits : 13 in [6412, 6487]
coverage : 2019-01-07 / 2019-01-13
median : 0.94652
spread : 0.090121
created : 2023-08-21T14:42:03

normalized read noise



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

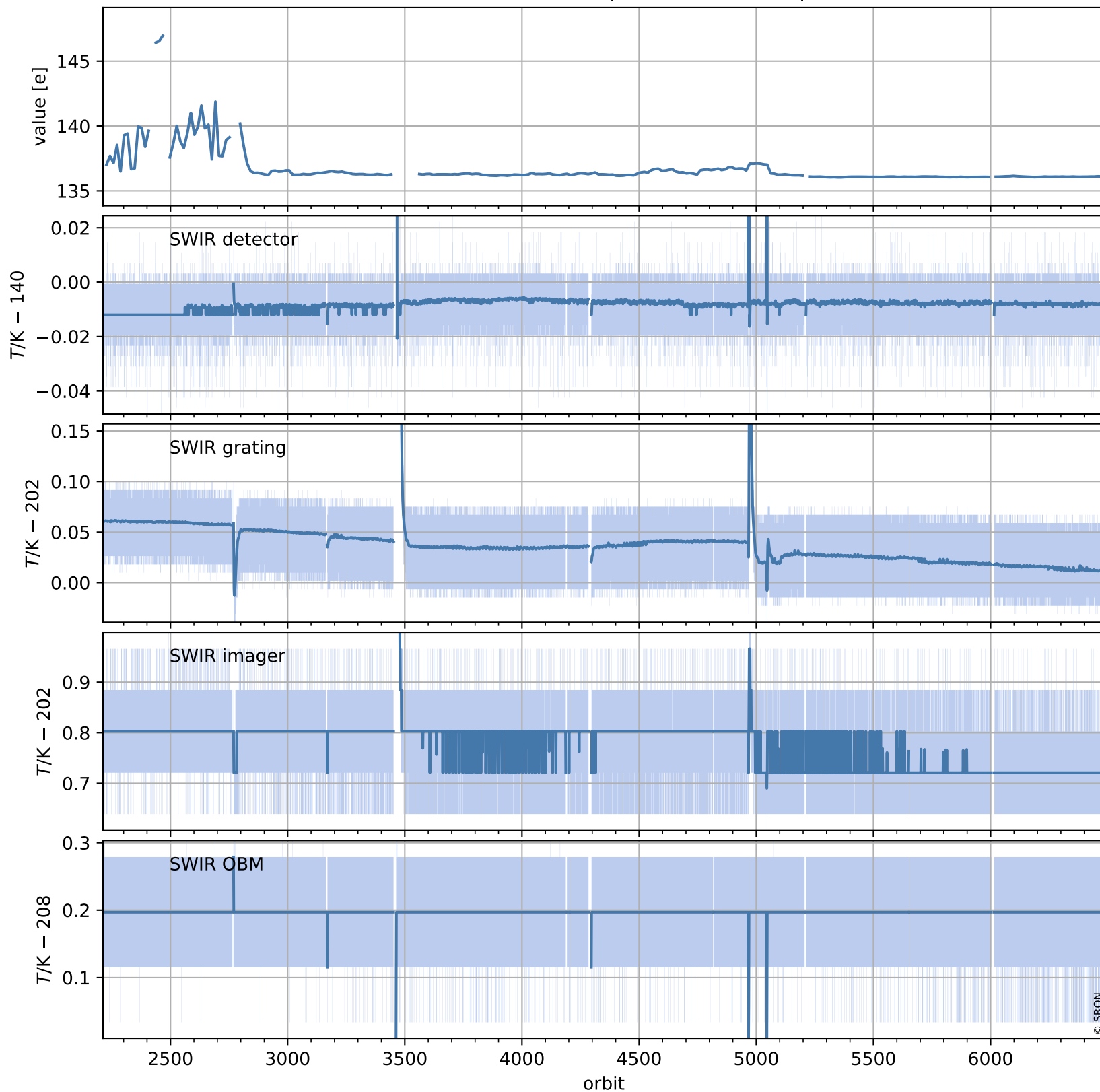
orbits : 13 in [6412, 6487]
coverage : 2019-01-07 / 2019-01-13
created : 2023-08-21T14:42:03



Tropomi SWIR background noise (swir)

orbits : [2212, 6487]
coverage : 2018-03-18 / 2019-01-13
created : 2023-08-21T14:42:04

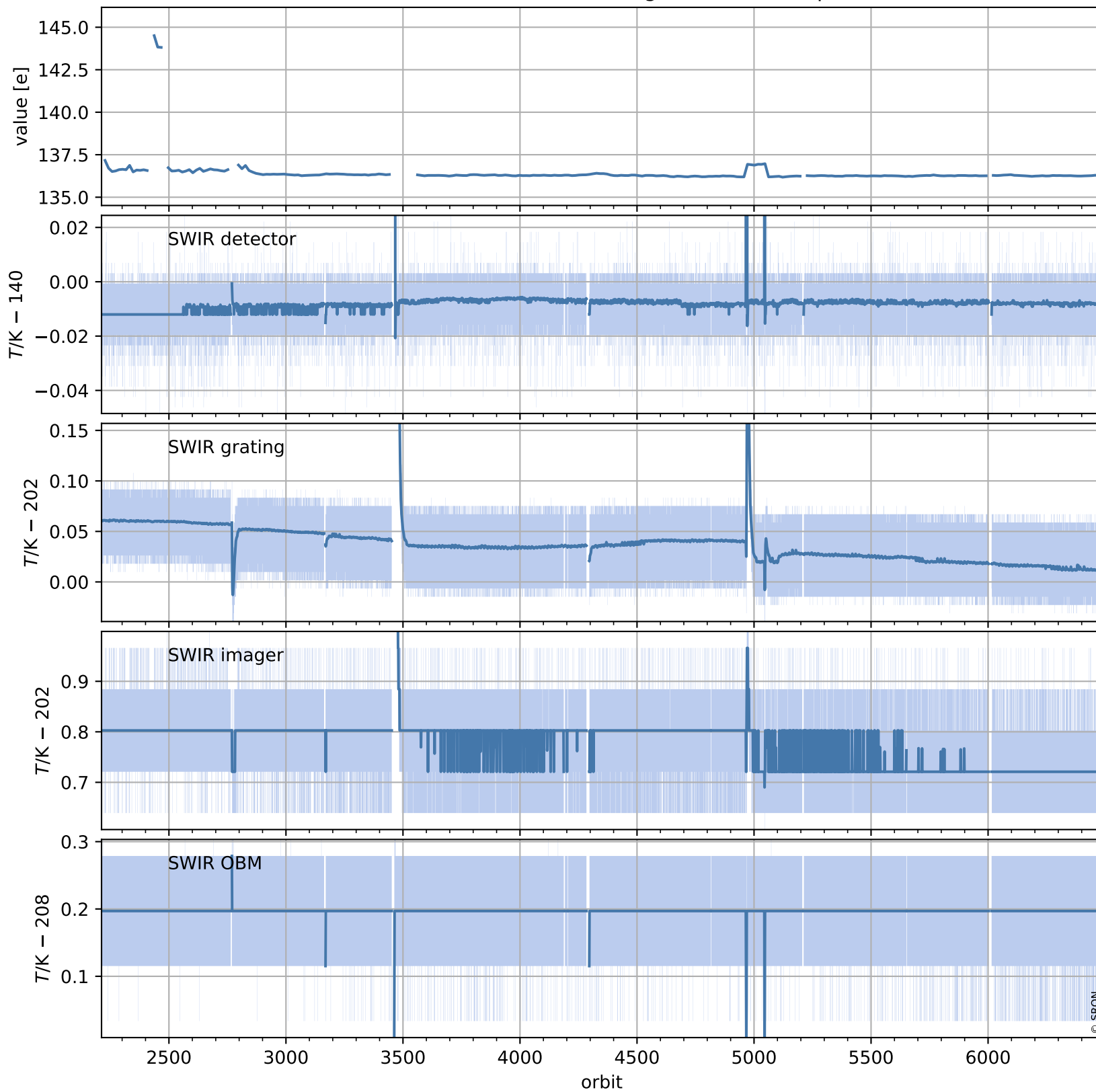
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6487]
coverage : 2018-03-18 / 2019-01-13
created : 2023-08-21T14:42:05

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6487]
coverage : 2018-03-18 / 2019-01-13
created : 2023-08-21T14:42:05

trend of normalized read-noise & temperatures

