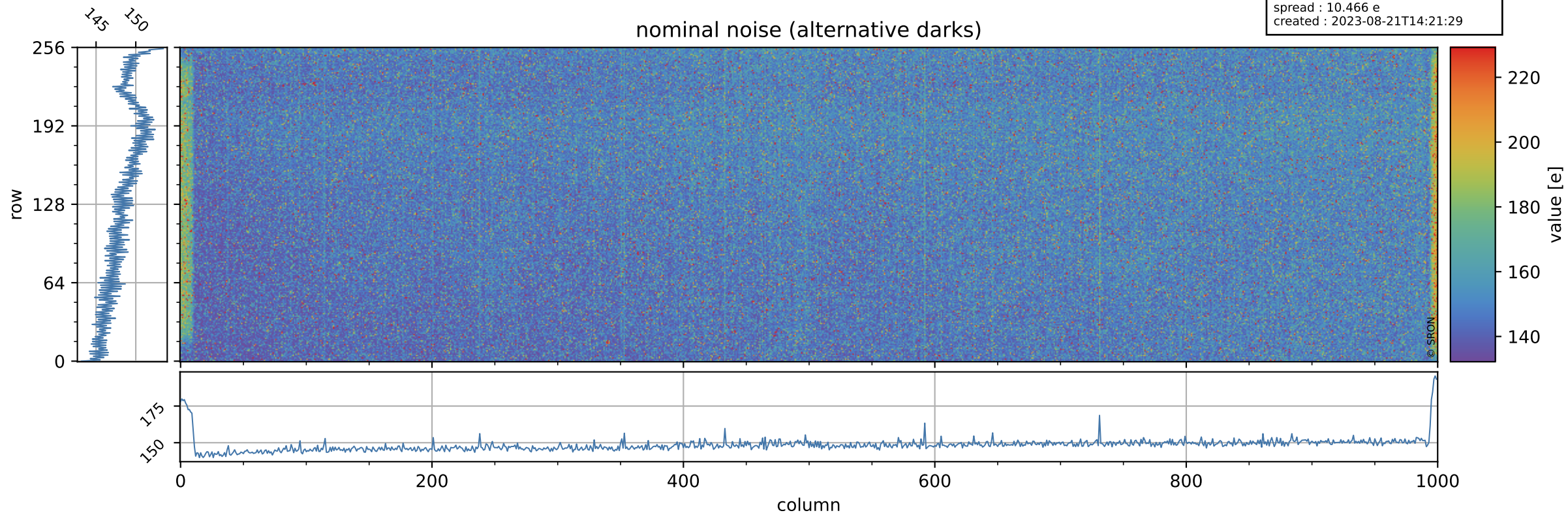


Tropomi SWIR background noise (swir)

orbits : 12 in [3262, 3337]
coverage : 2018-05-30 / 2018-06-05
n_coad, t_exp : 1, 1.0783
median : 148.29 e
spread : 10.466 e
created : 2023-08-21T14:21:29

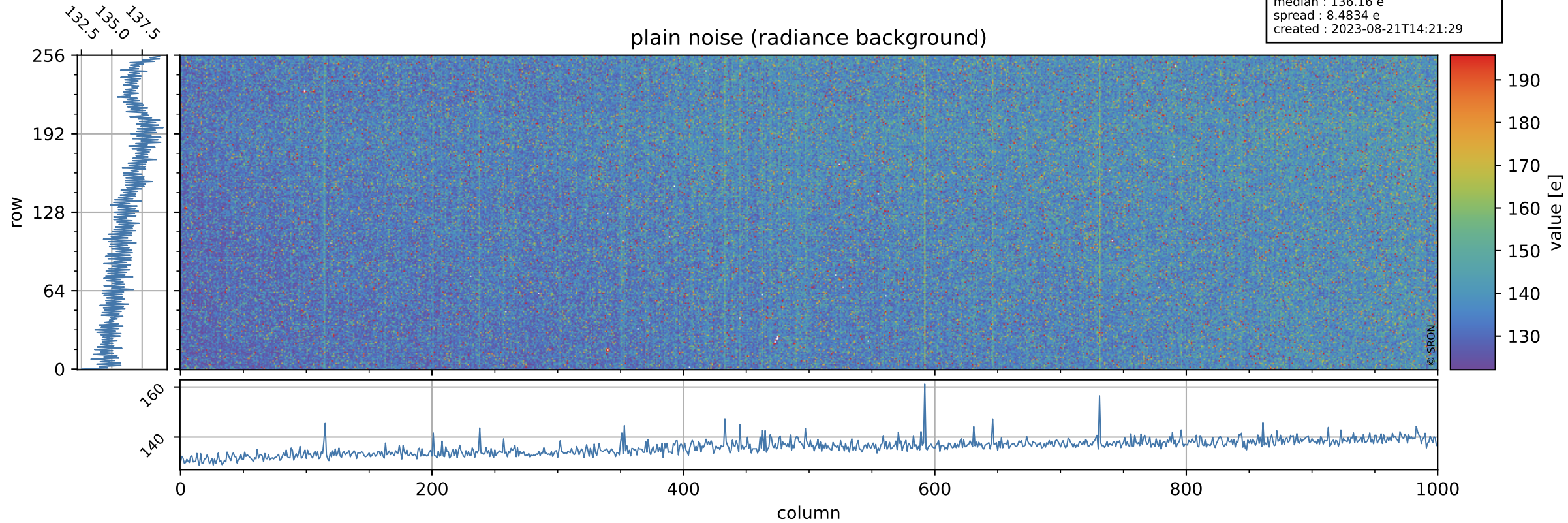
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3262, 3337]
coverage : 2018-05-30 / 2018-06-05
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.4834 e
created : 2023-08-21T14:21:29

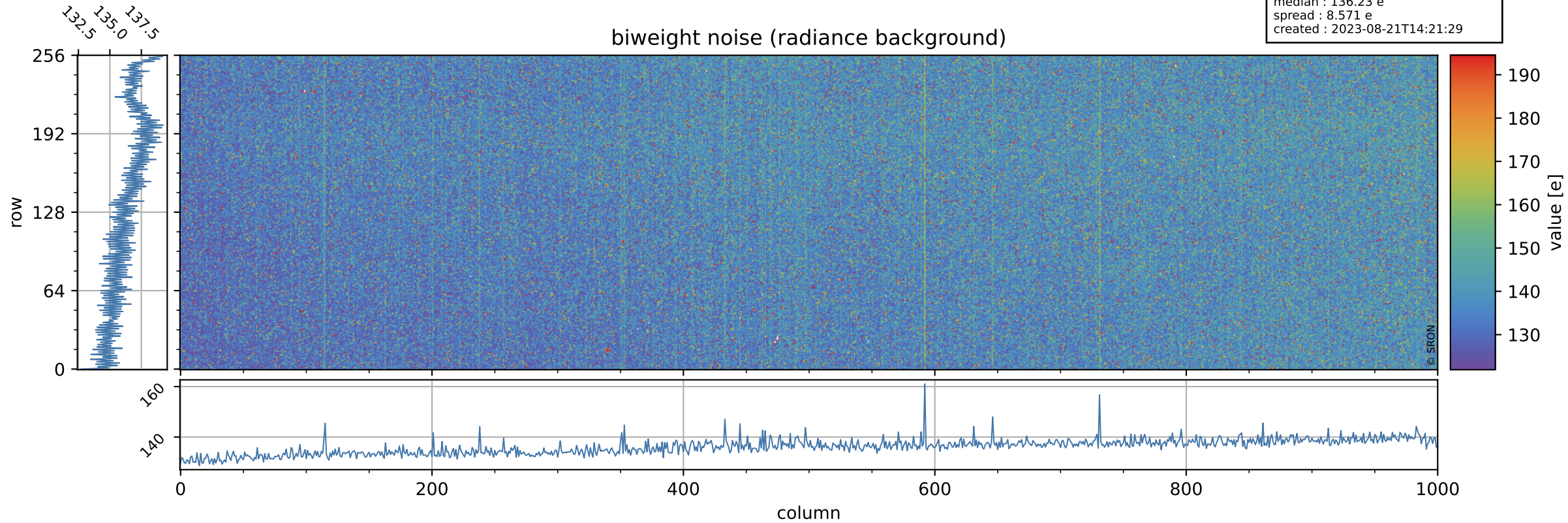
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3262, 3337]
coverage : 2018-05-30 / 2018-06-05
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.571 e
created : 2023-08-21T14:21:29

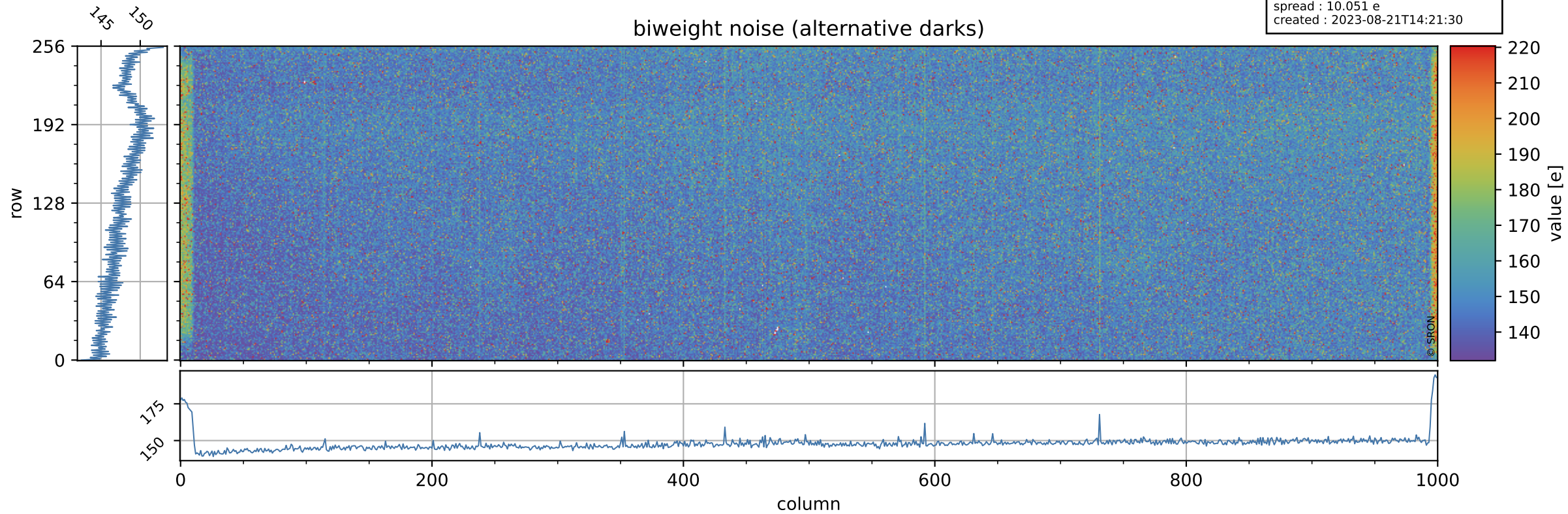
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3262, 3337]
coverage : 2018-05-30 / 2018-06-05
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.051 e
created : 2023-08-21T14:21:30

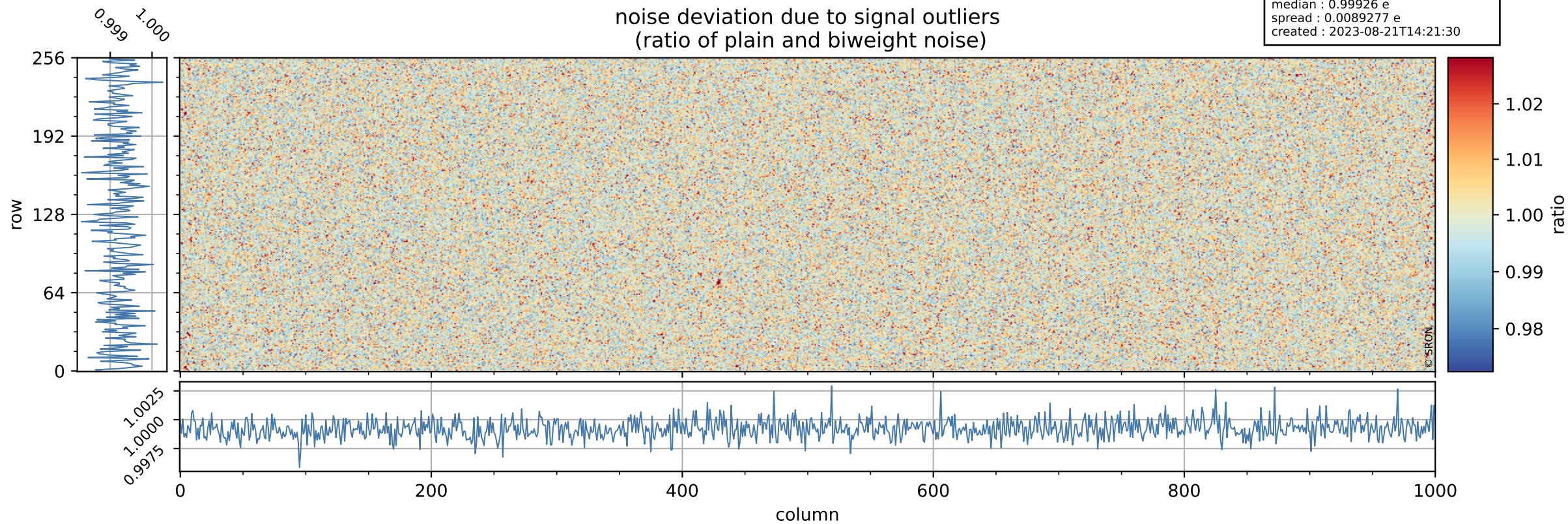
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

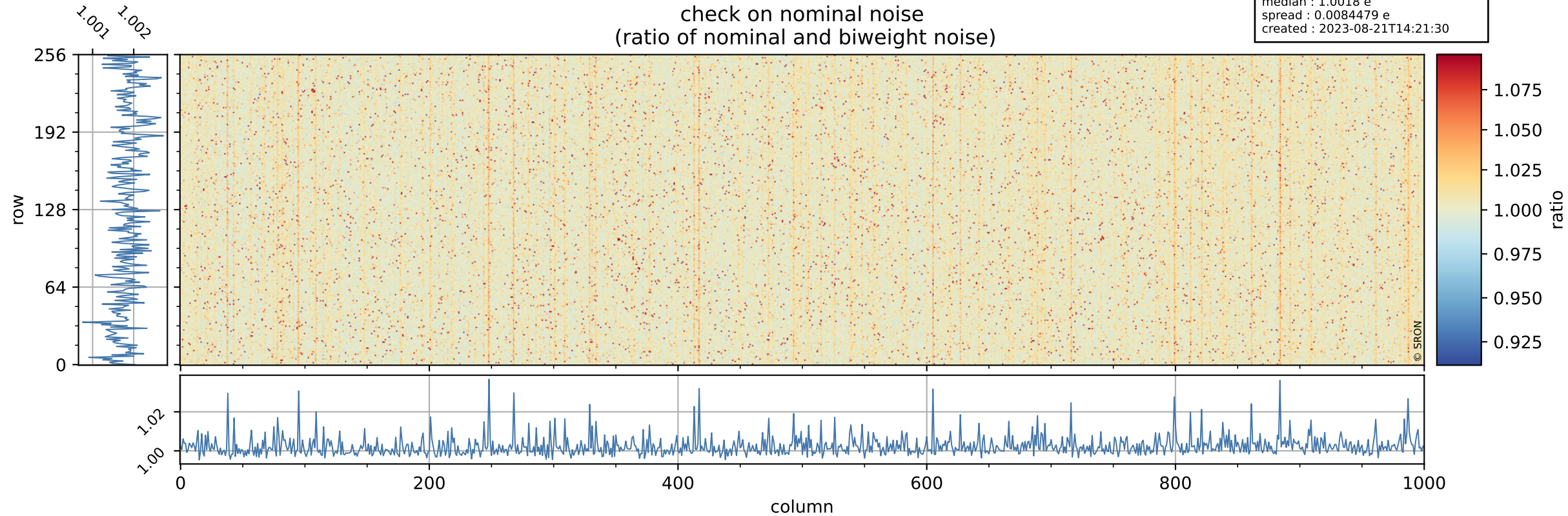
orbits : 12 in [3262, 3337]
coverage : 2018-05-30 / 2018-06-05
median : 0.99926 e
spread : 0.0089277 e
created : 2023-08-21T14:21:30



Tropomi SWIR background noise (swir)

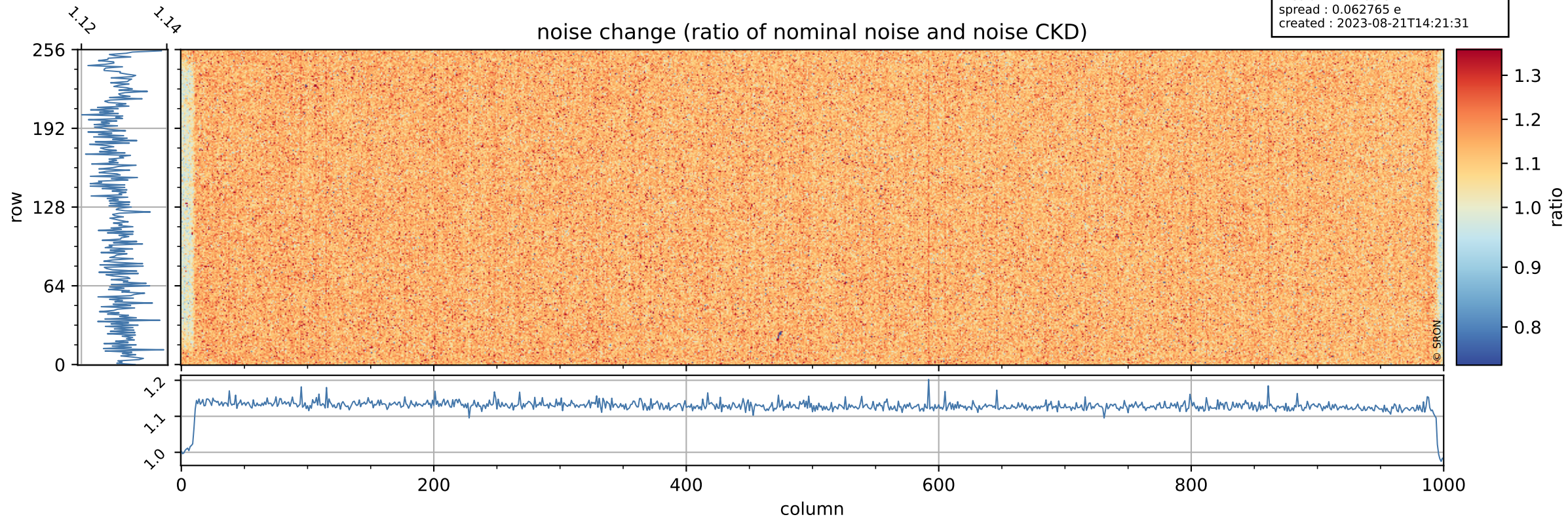
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3262, 3337]
coverage : 2018-05-30 / 2018-06-05
median : 1.0018 e
spread : 0.0084479 e
created : 2023-08-21T14:21:30



Tropomi SWIR background noise (swir)

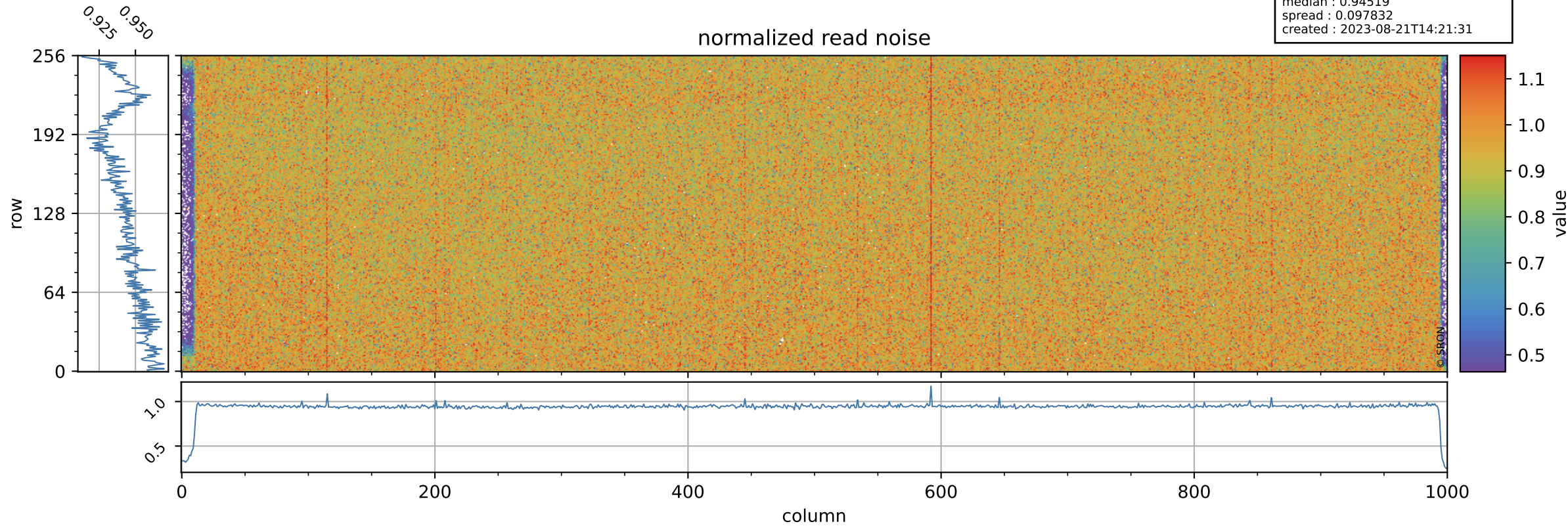
orbits : 12 in [3262, 3337]
coverage : 2018-05-30 / 2018-06-05
median : 1.1283 e
spread : 0.062765 e
created : 2023-08-21T14:21:31



Tropomi SWIR background noise (swir)

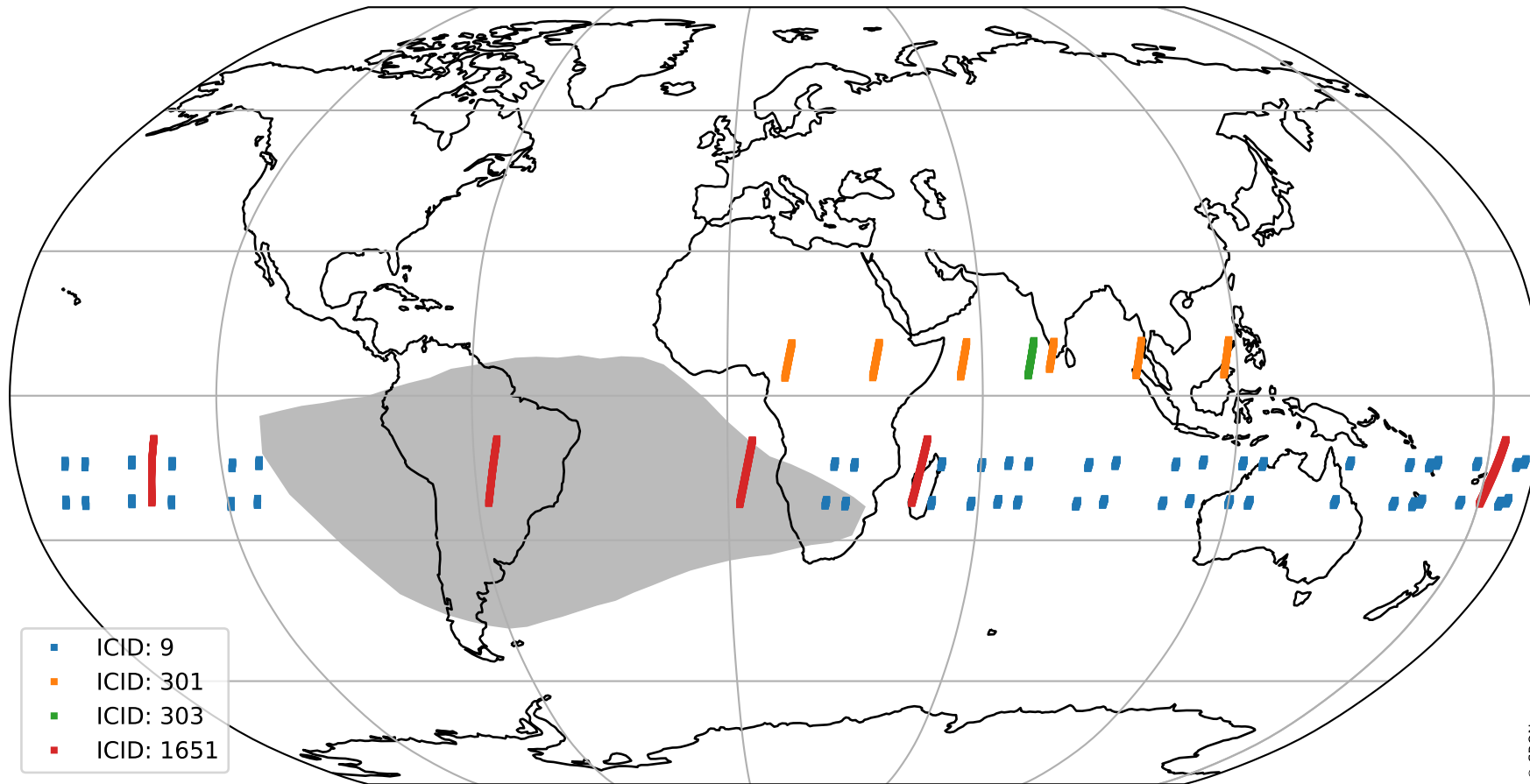
orbits : 12 in [3262, 3337]
coverage : 2018-05-30 / 2018-06-05
median : 0.94519
spread : 0.097832
created : 2023-08-21T14:21:31

normalized read noise



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

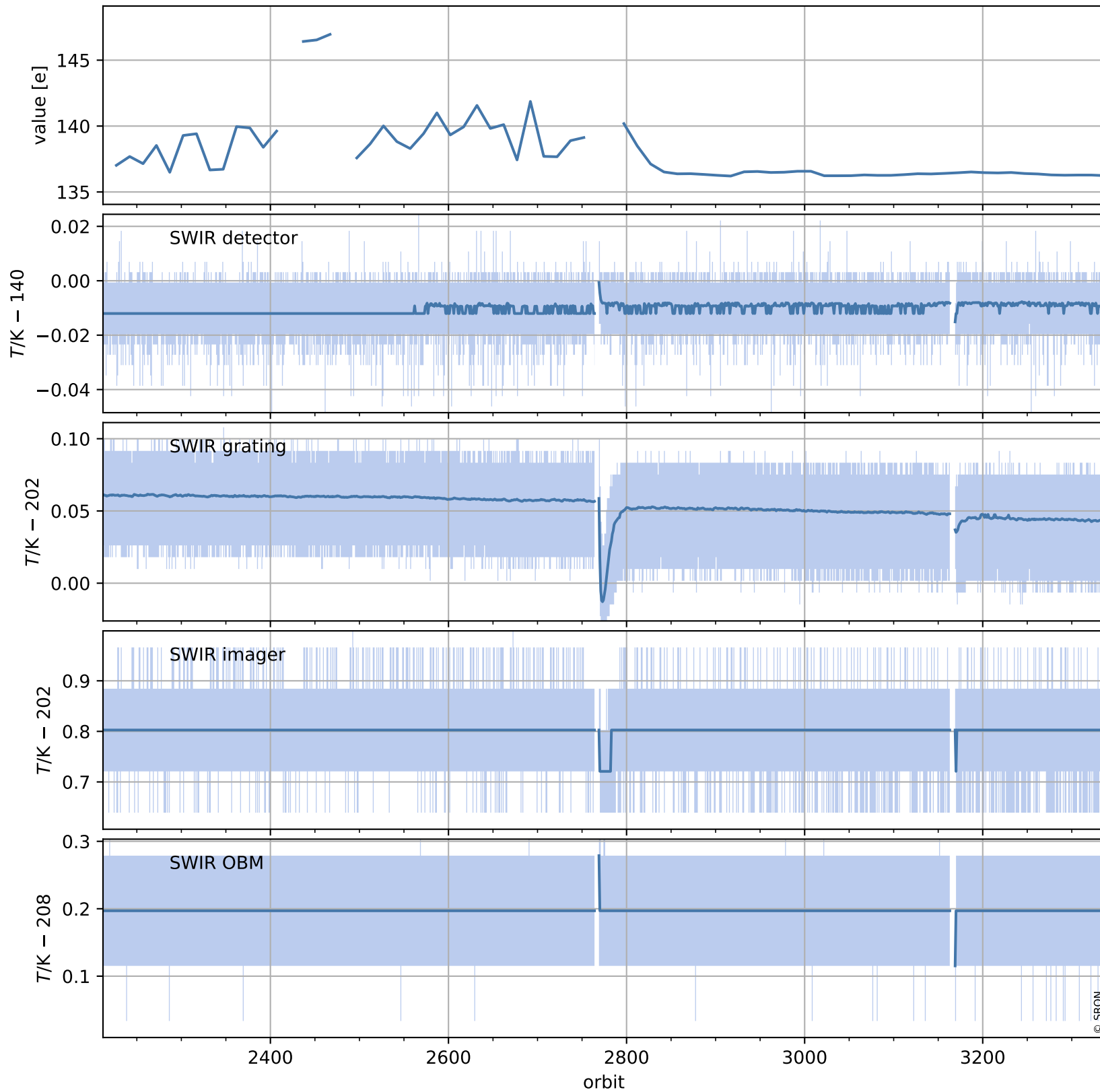
orbits : 12 in [3262, 3337]
coverage : 2018-05-30 / 2018-06-05
created : 2023-08-21T14:21:31



Tropomi SWIR background noise (swir)

orbits : [2212, 3337]
coverage : 2018-03-18 / 2018-06-05
created : 2023-08-21T14:21:31

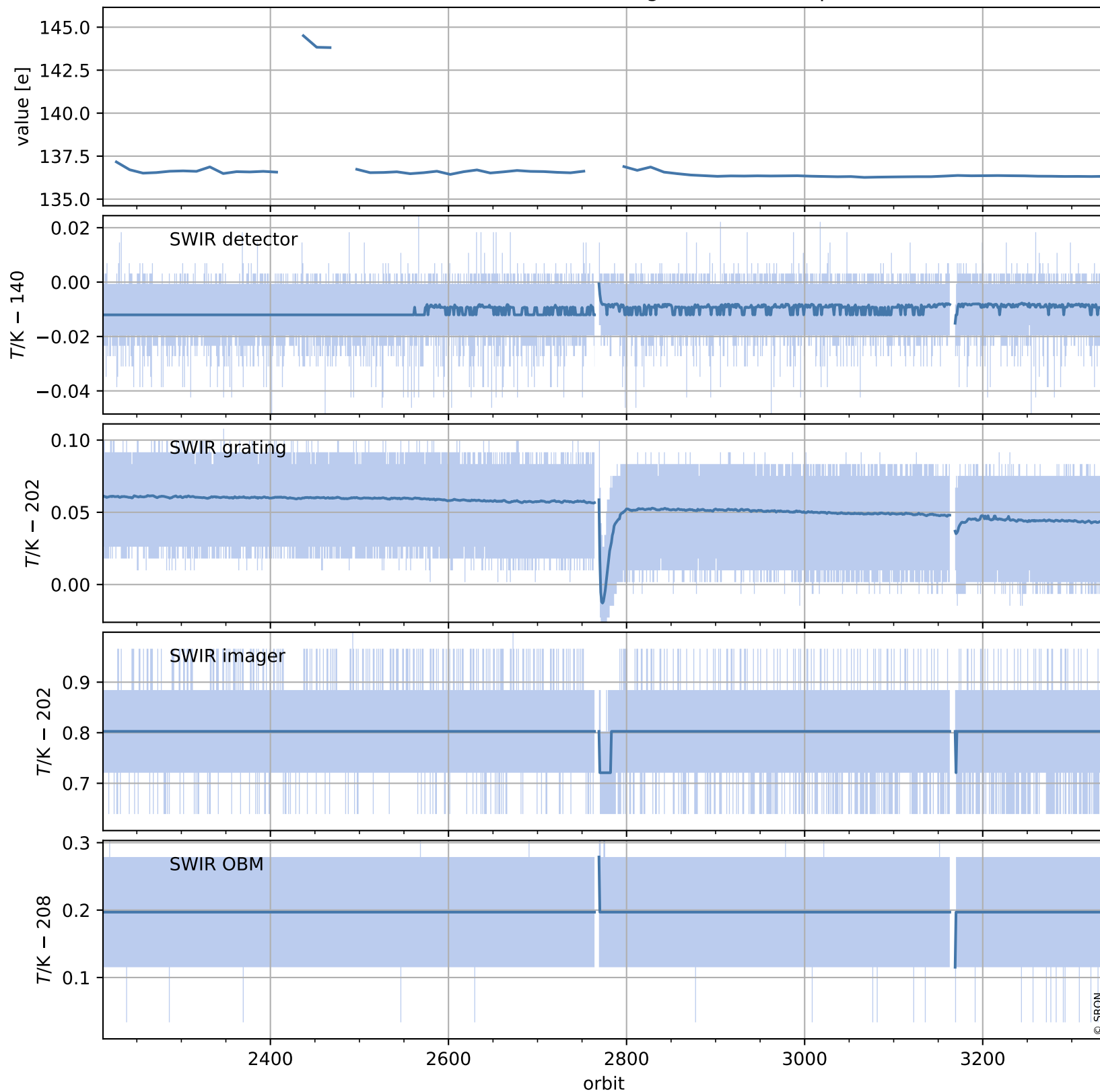
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3337]
coverage : 2018-03-18 / 2018-06-05
created : 2023-08-21T14:21:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3337]
coverage : 2018-03-18 / 2018-06-05
created : 2023-08-21T14:21:32

trend of normalized read-noise & temperatures

