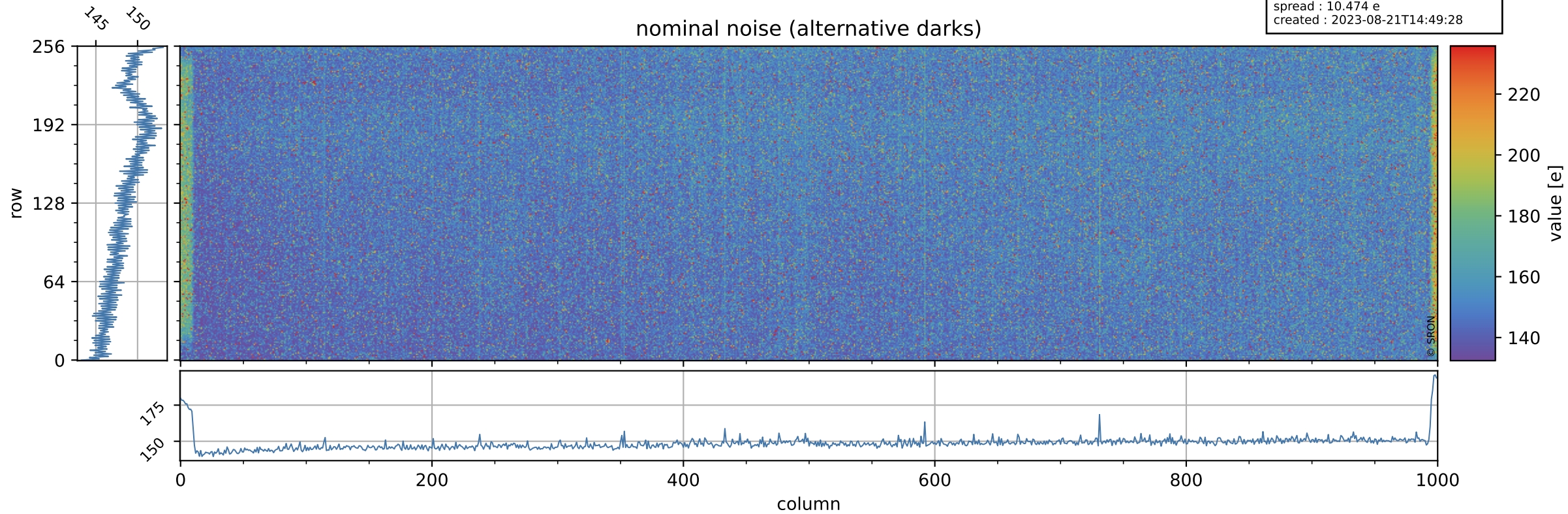


Tropomi SWIR background noise (swir)

orbits : 12 in [7417, 7507]
coverage : 2019-03-20 / 2019-03-26
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.474 e
created : 2023-08-21T14:49:28

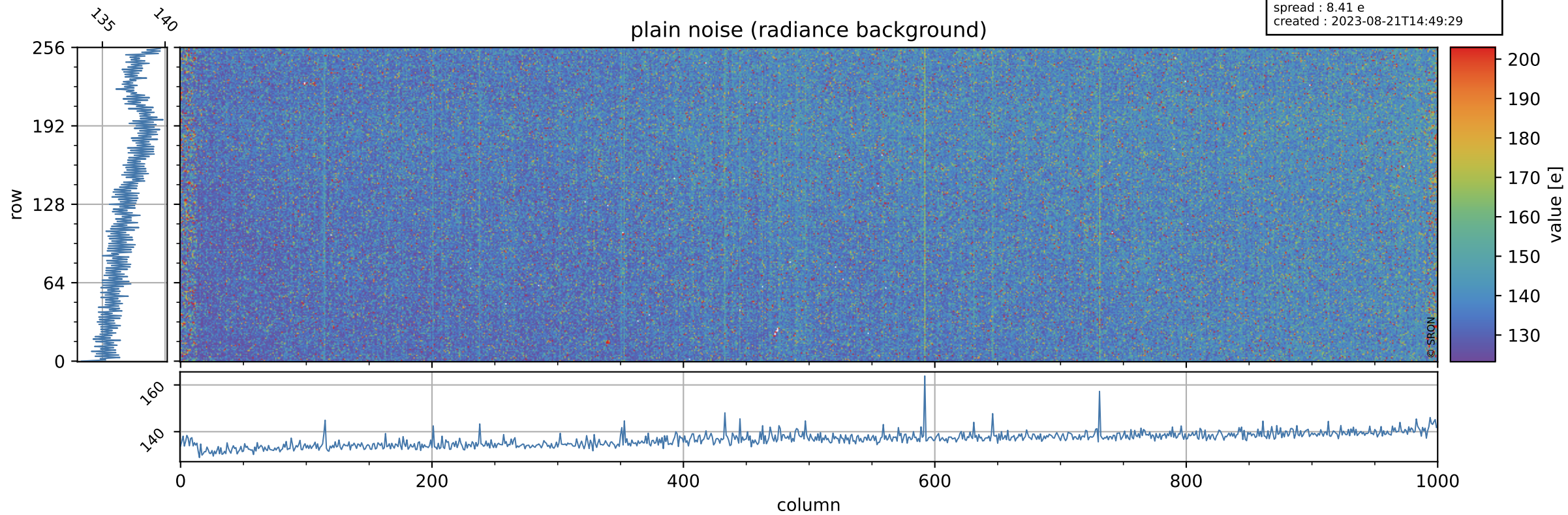
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7417, 7507]
coverage : 2019-03-20 / 2019-03-26
n_coad, t_exp : 2, 0.5383
median : 136.85 e
spread : 8.41 e
created : 2023-08-21T14:49:29

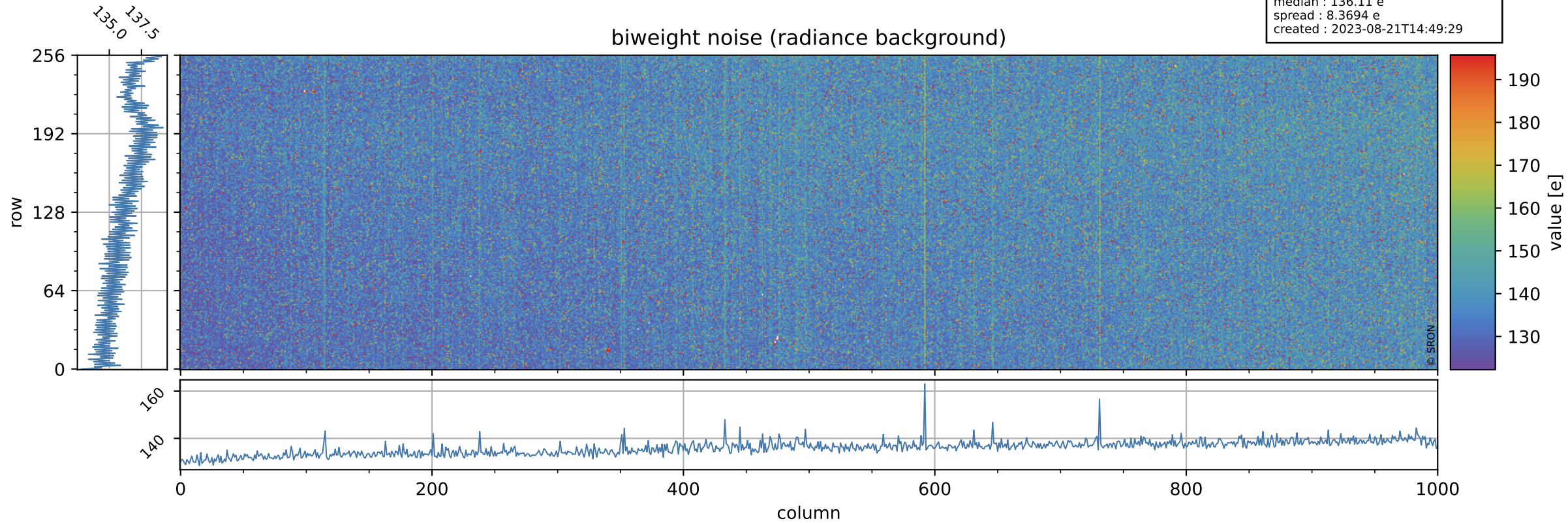
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7417, 7507]
coverage : 2019-03-20 / 2019-03-26
n_coad, t_exp : 2, 0.5383
median : 136.11 e
spread : 8.3694 e
created : 2023-08-21T14:49:29

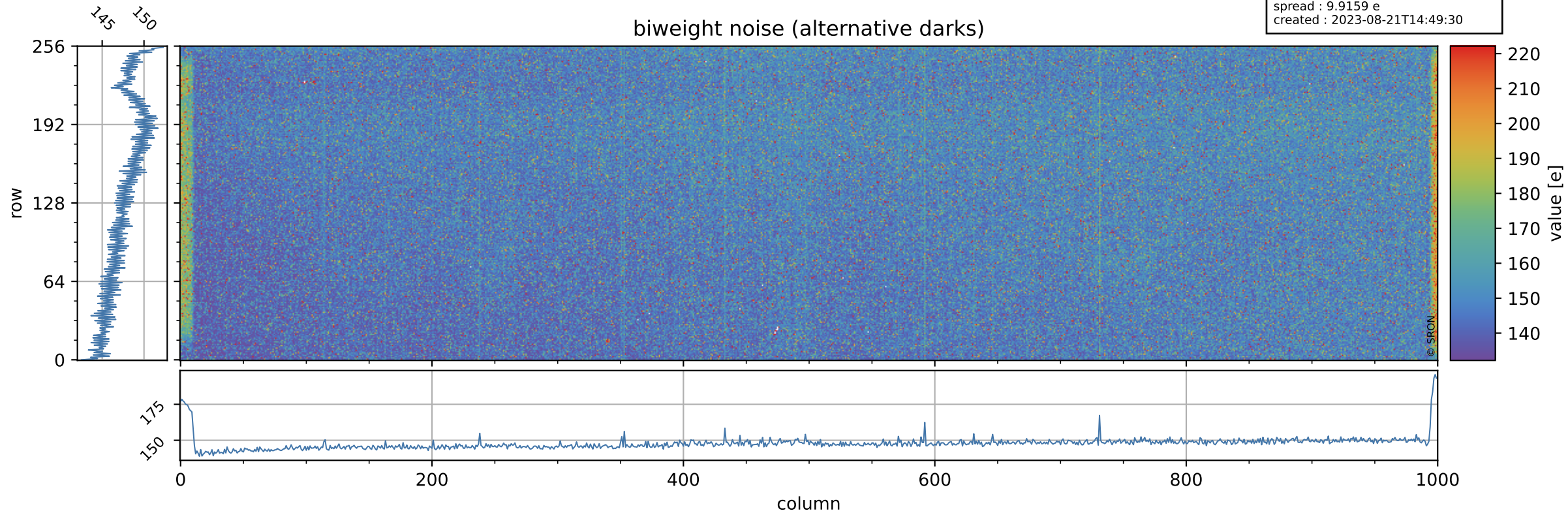
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7417, 7507]
coverage : 2019-03-20 / 2019-03-26
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 9.9159 e
created : 2023-08-21T14:49:30

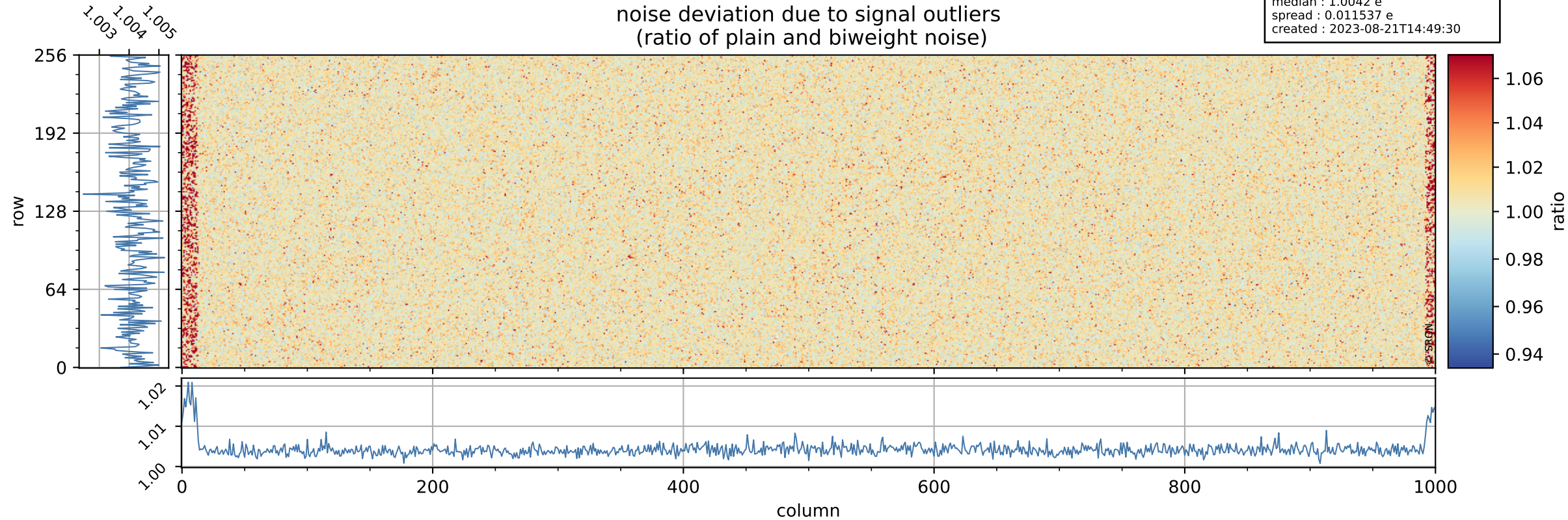
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

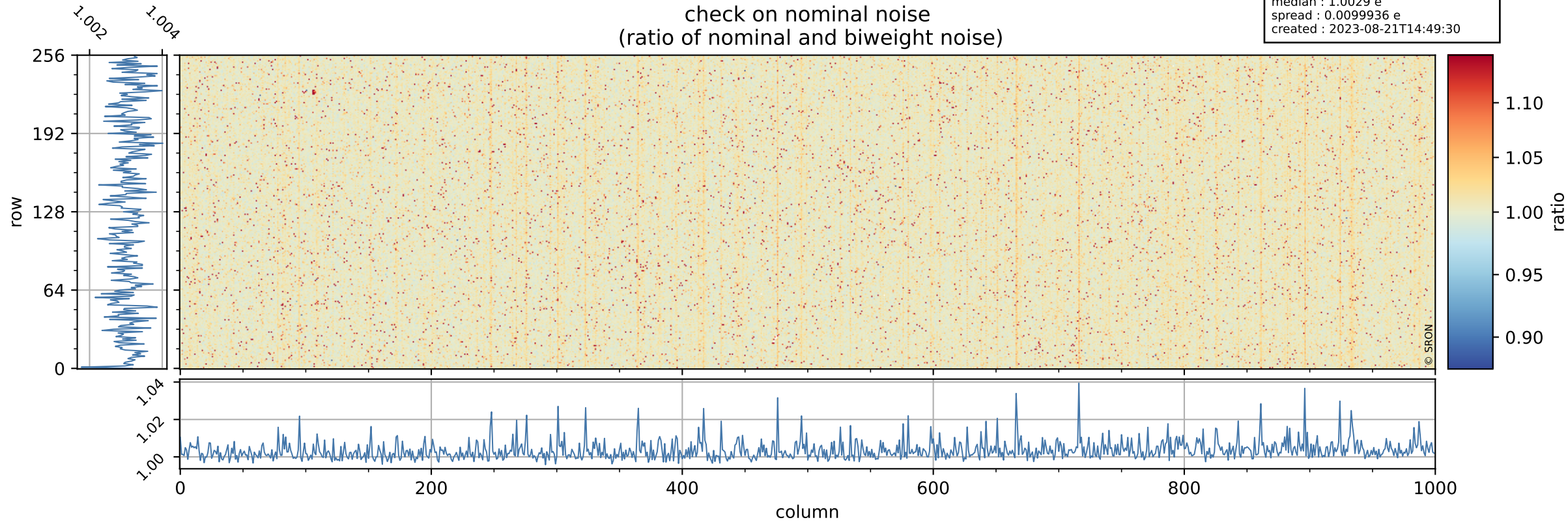
orbits : 12 in [7417, 7507]
coverage : 2019-03-20 / 2019-03-26
median : 1.0042 e
spread : 0.011537 e
created : 2023-08-21T14:49:30



Tropomi SWIR background noise (swir)

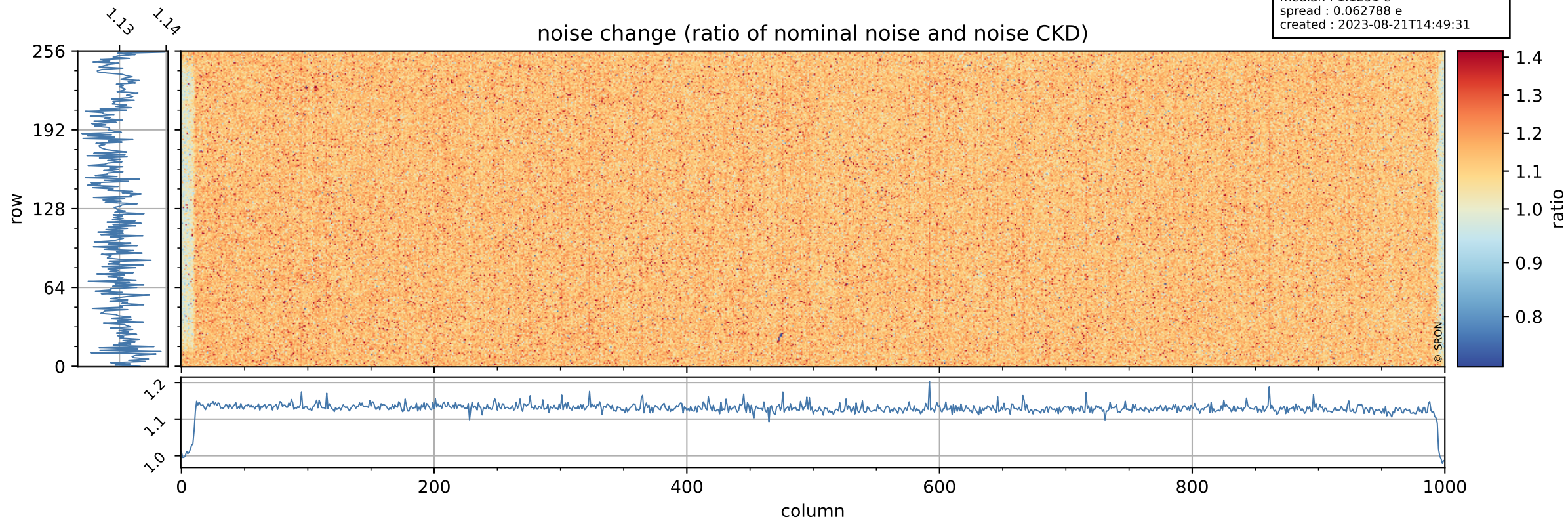
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7417, 7507]
coverage : 2019-03-20 / 2019-03-26
median : 1.0029 e
spread : 0.0099936 e
created : 2023-08-21T14:49:30



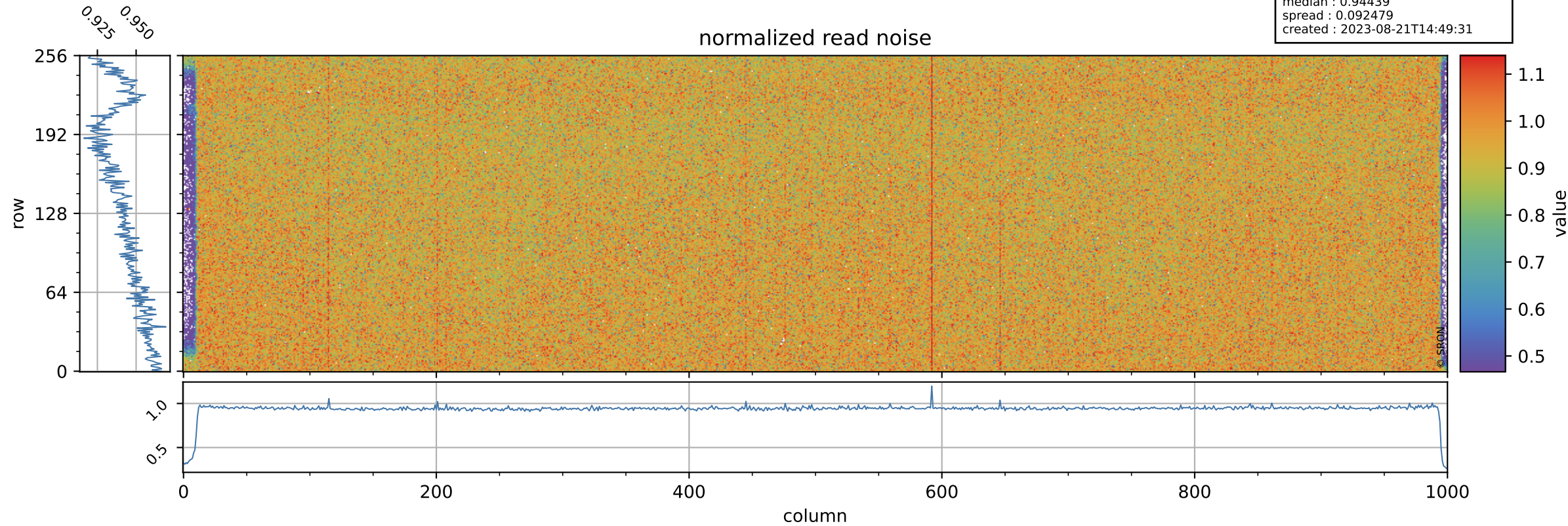
Tropomi SWIR background noise (swir)

orbits : 12 in [7417, 7507]
coverage : 2019-03-20 / 2019-03-26
median : 1.1291 e
spread : 0.062788 e
created : 2023-08-21T14:49:31



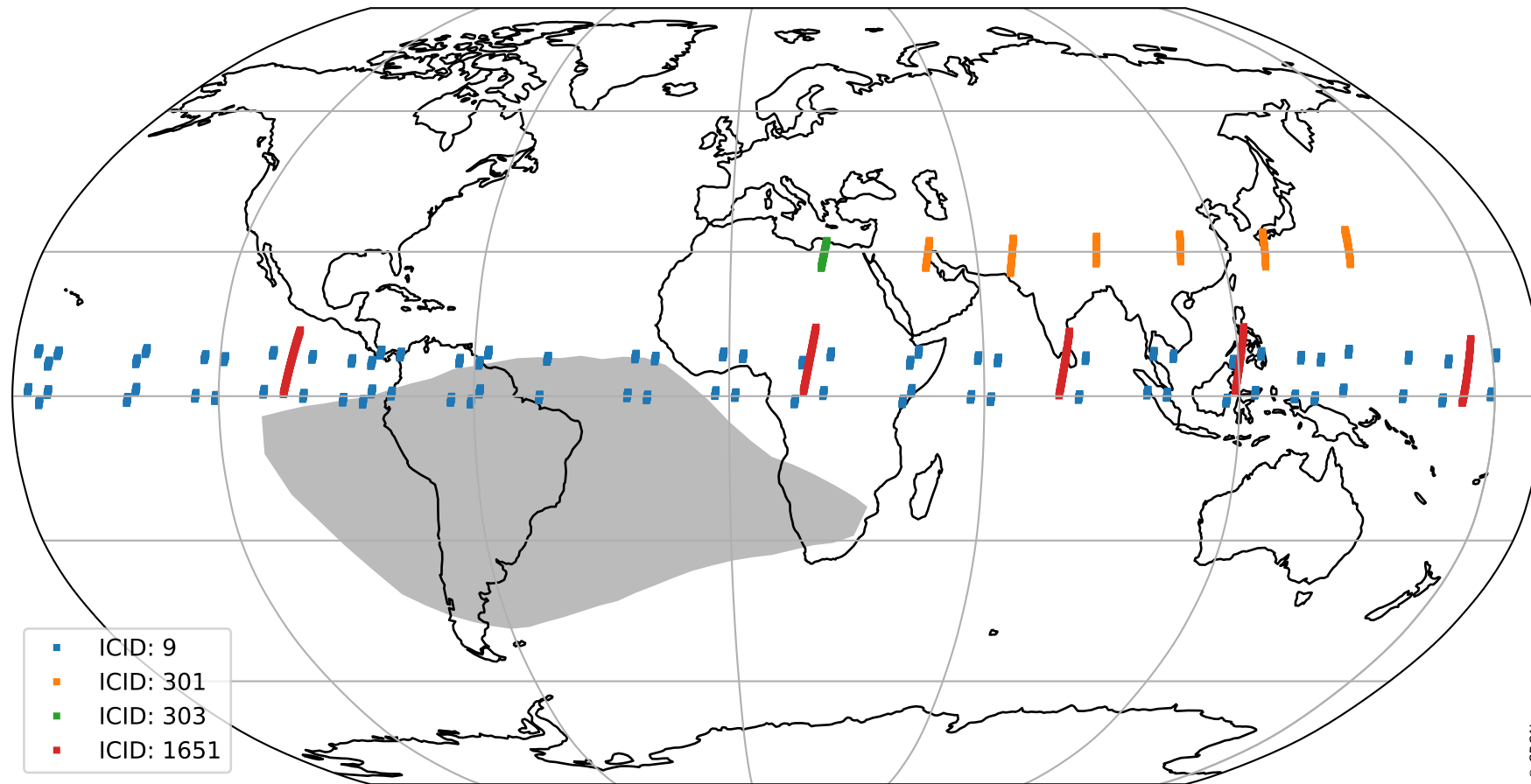
Tropomi SWIR background noise (swir)

orbits : 12 in [7417, 7507]
coverage : 2019-03-20 / 2019-03-26
median : 0.94439
spread : 0.092479
created : 2023-08-21T14:49:31



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

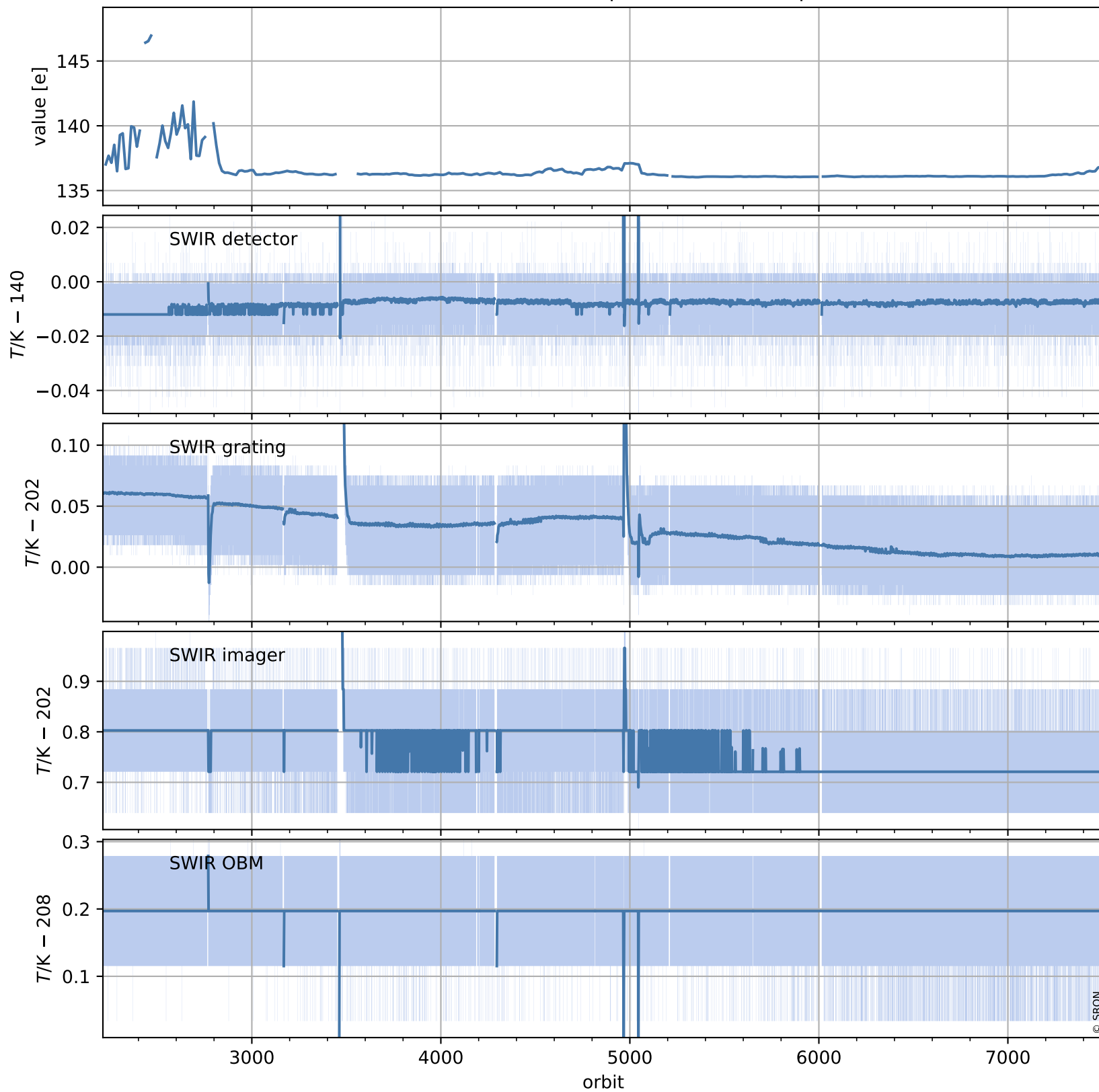
orbits : 12 in [7417, 7507]
coverage : 2019-03-20 / 2019-03-26
created : 2023-08-21T14:49:32



Tropomi SWIR background noise (swir)

orbits : [2212, 7507]
coverage : 2018-03-18 / 2019-03-26
created : 2023-08-21T14:49:32

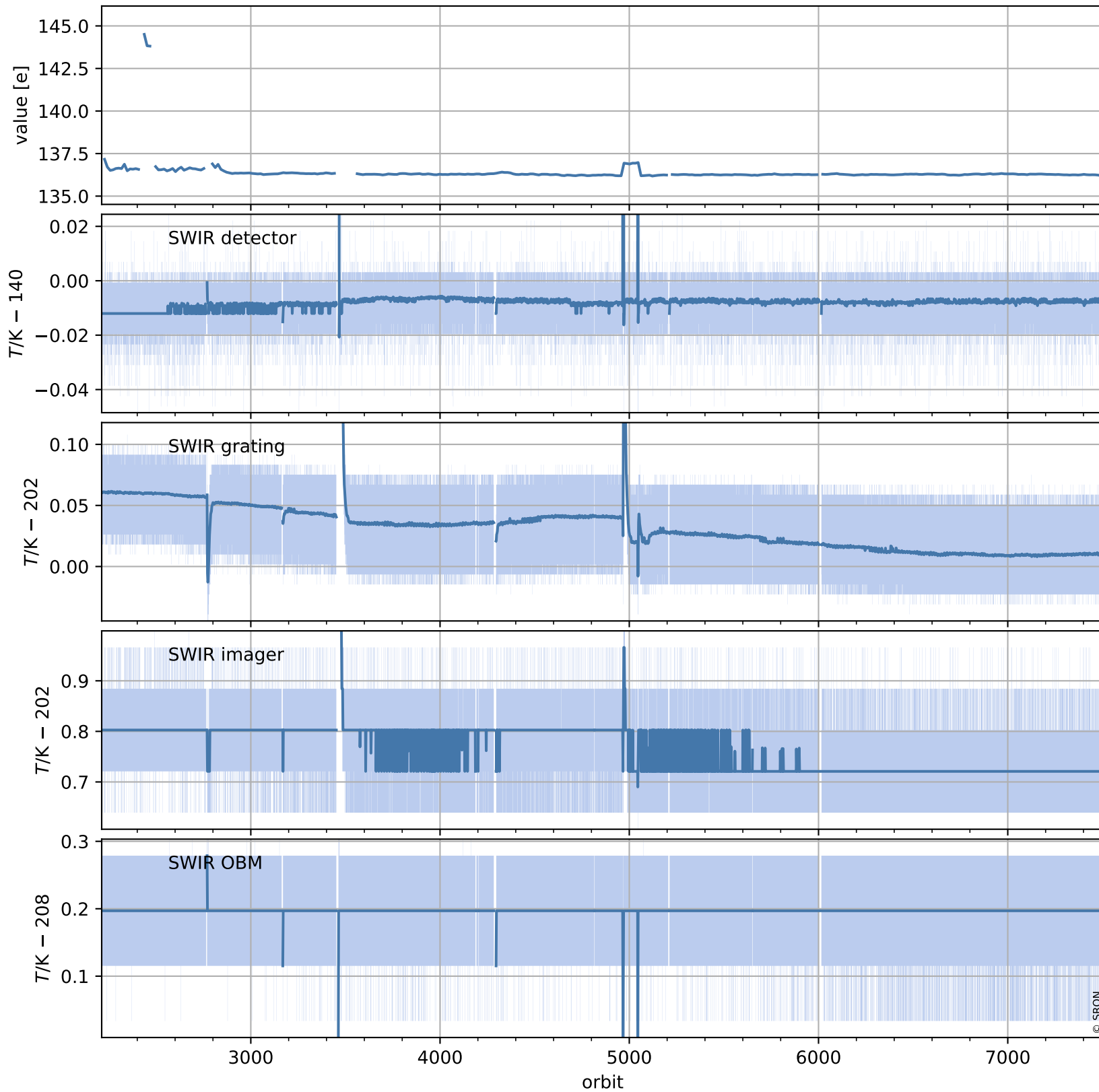
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7507]
coverage : 2018-03-18 / 2019-03-26
created : 2023-08-21T14:49:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7507]
coverage : 2018-03-18 / 2019-03-26
created : 2023-08-21T14:49:34

trend of normalized read-noise & temperatures

