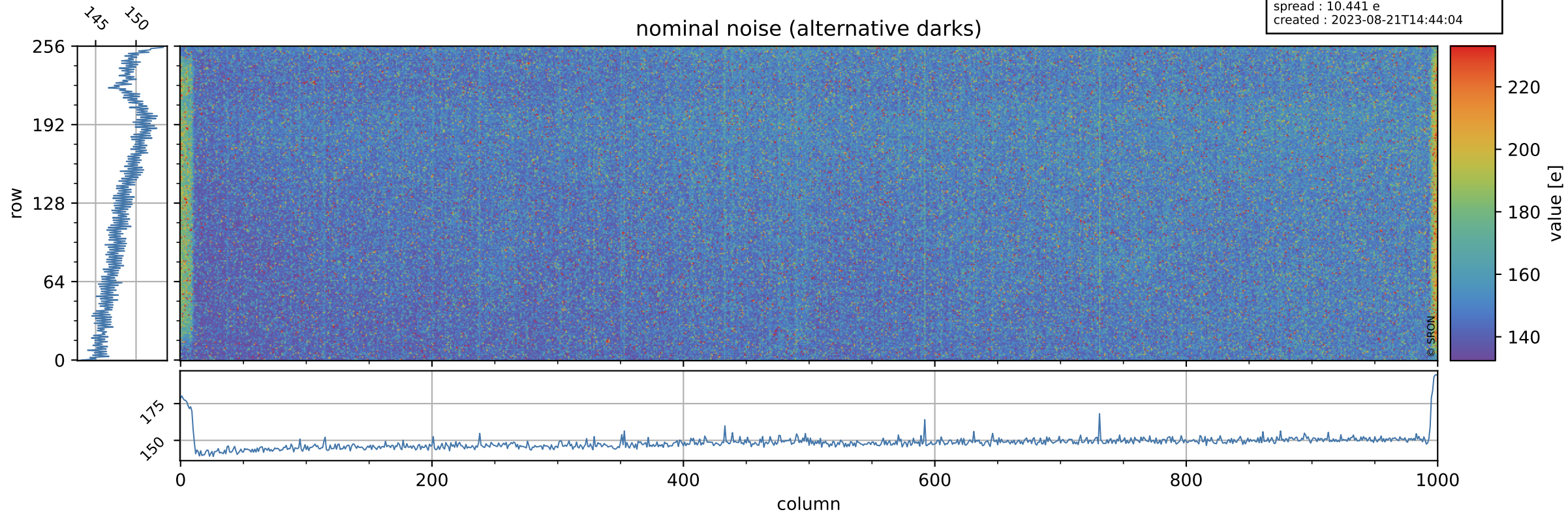


Tropomi SWIR background noise (swir)

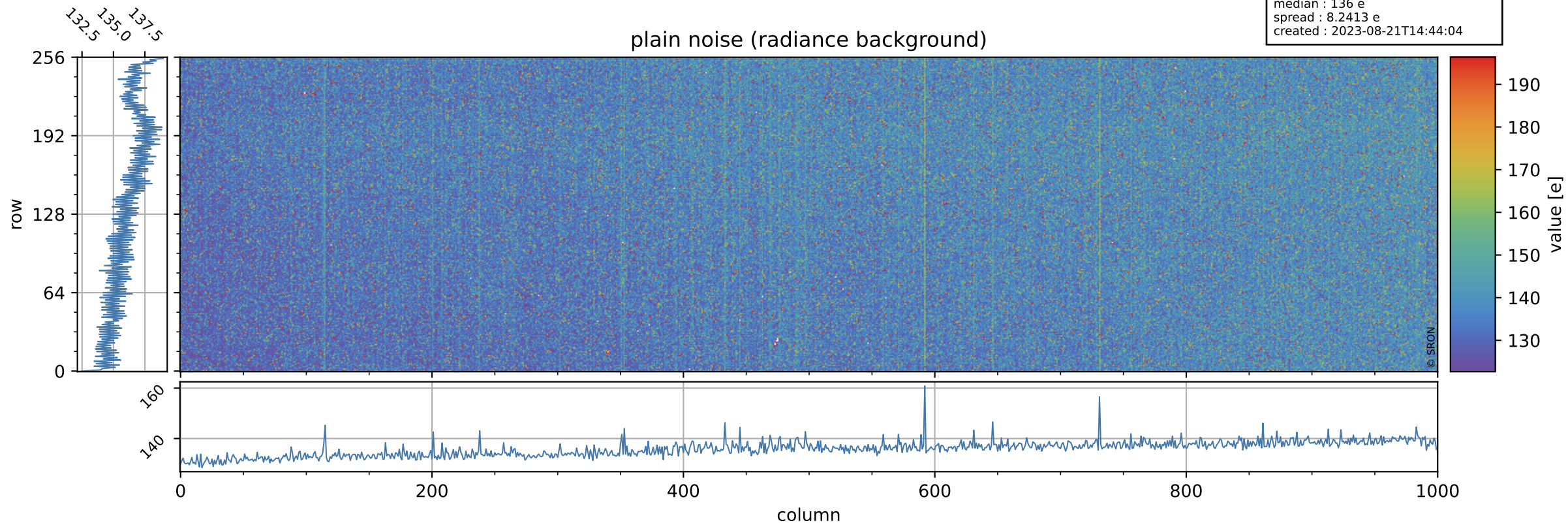
orbits : 12 in [6682, 6757]
coverage : 2019-01-26 / 2019-02-01
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.441 e
created : 2023-08-21T14:44:04



Tropomi SWIR background noise (swir)

orbits : 12 in [6682, 6757]
coverage : 2019-01-26 / 2019-02-01
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2413 e
created : 2023-08-21T14:44:04

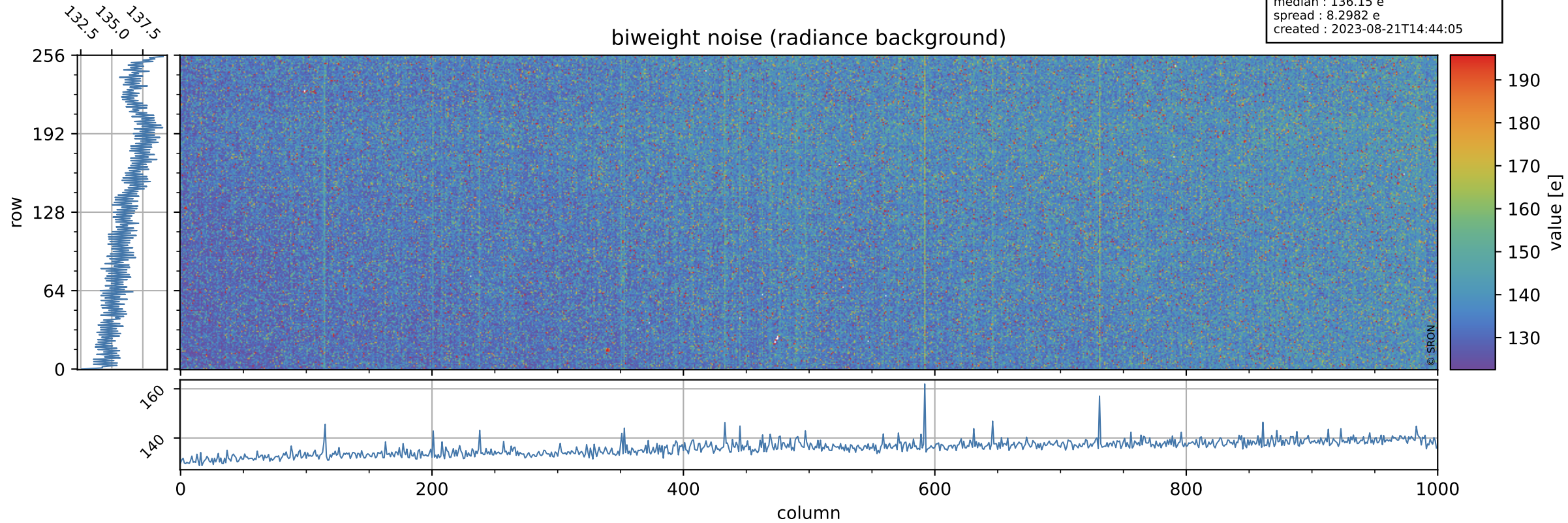
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6682, 6757]
coverage : 2019-01-26 / 2019-02-01
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.2982 e
created : 2023-08-21T14:44:05

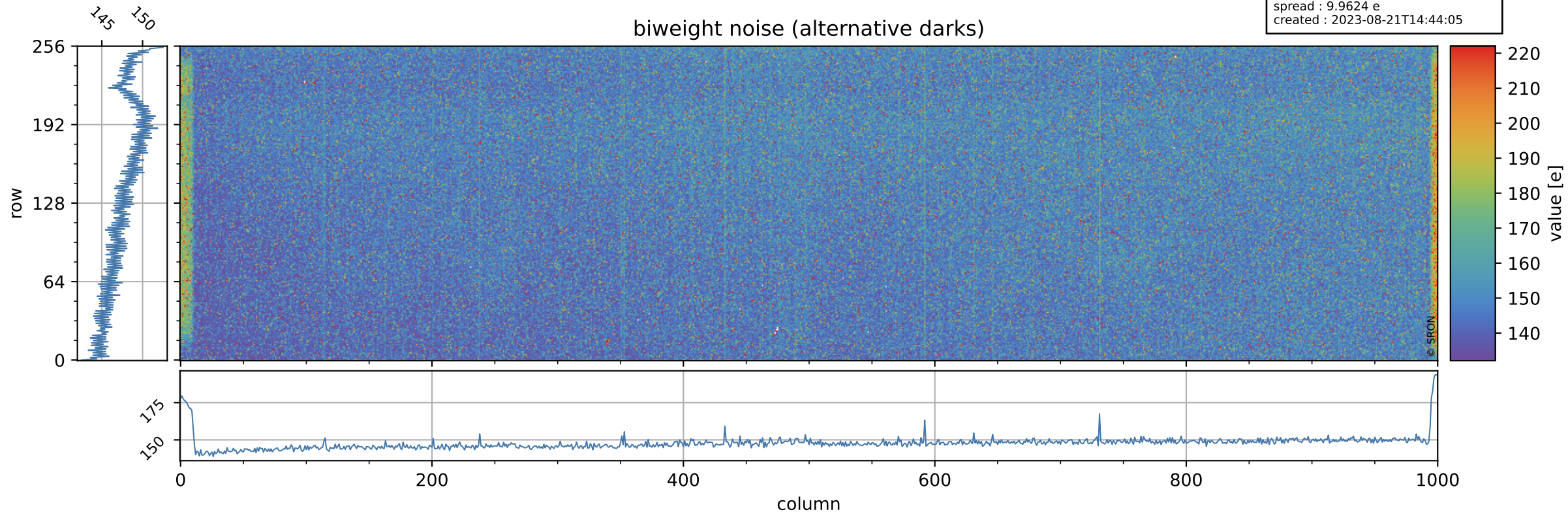
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6682, 6757]
coverage : 2019-01-26 / 2019-02-01
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9624 e
created : 2023-08-21T14:44:05

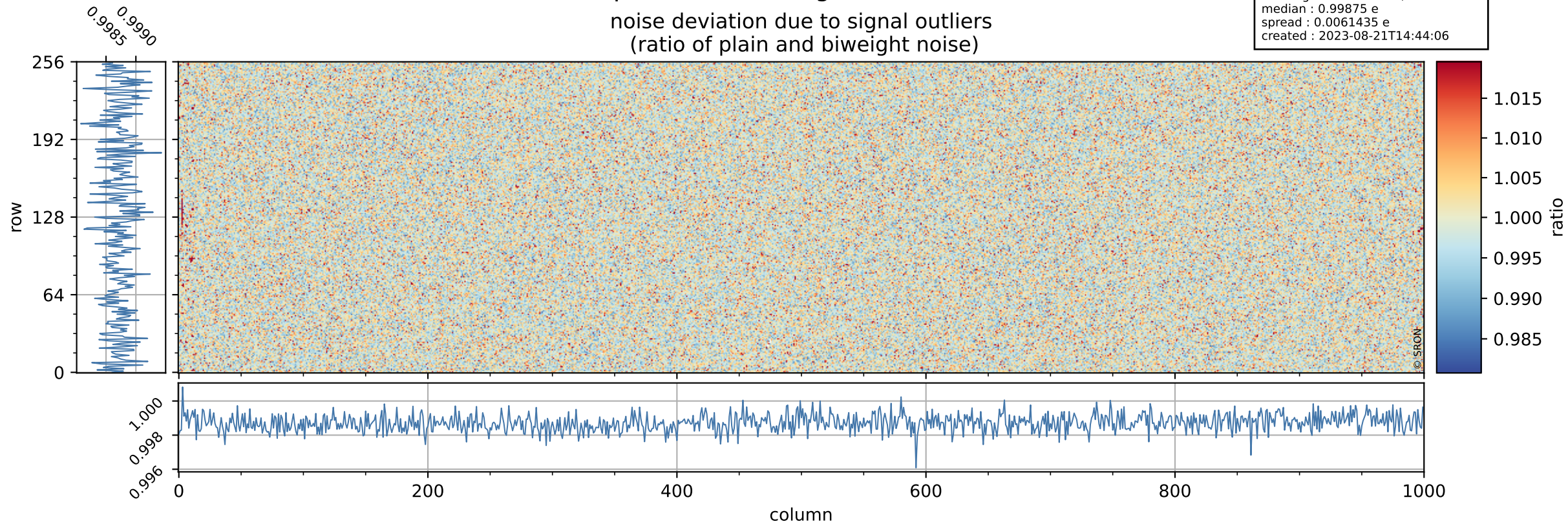
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

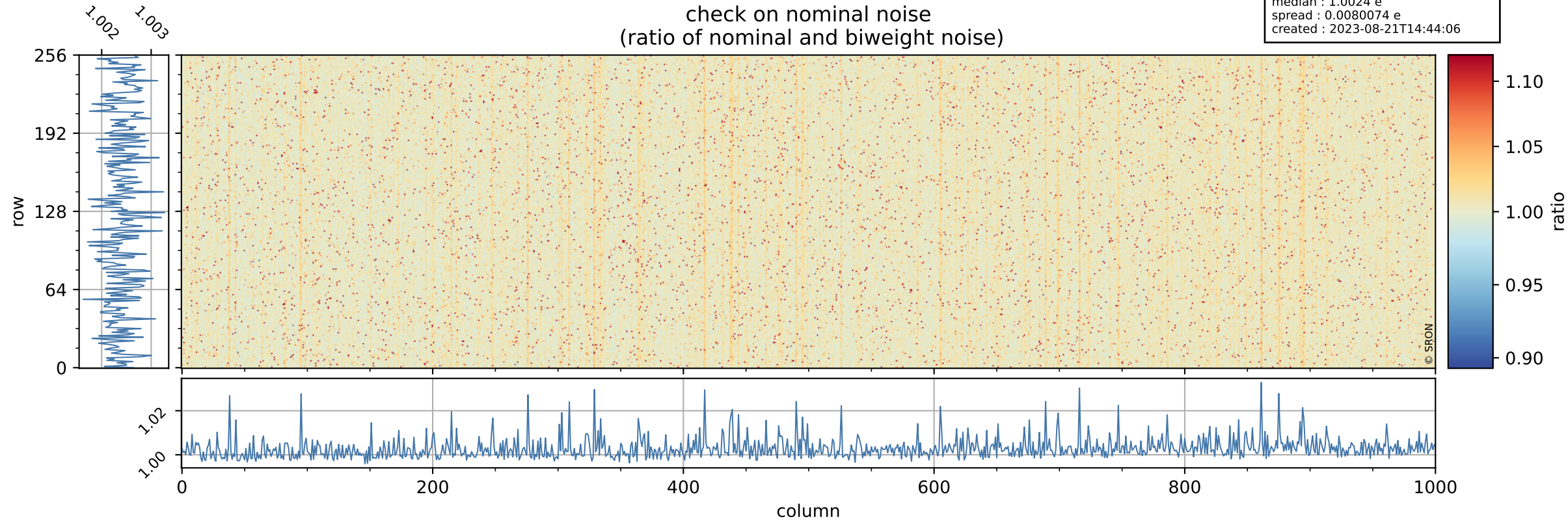
orbits : 12 in [6682, 6757]
coverage : 2019-01-26 / 2019-02-01
median : 0.99875 e
spread : 0.0061435 e
created : 2023-08-21T14:44:06



Tropomi SWIR background noise (swir)

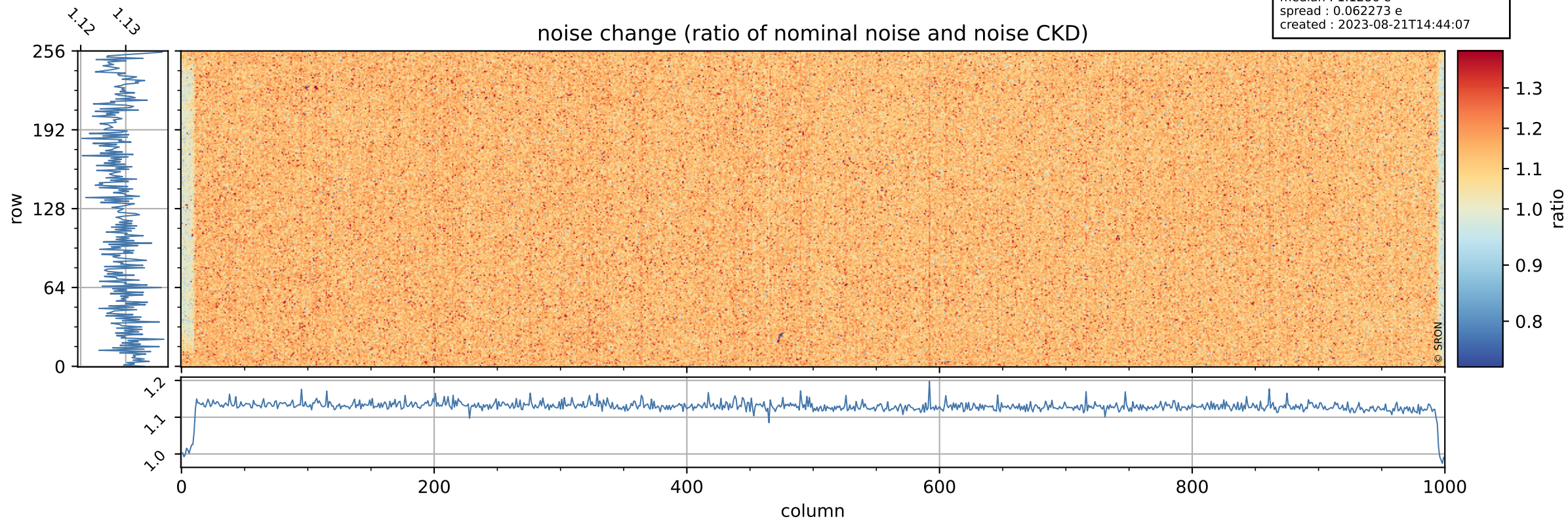
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6682, 6757]
coverage : 2019-01-26 / 2019-02-01
median : 1.0024 e
spread : 0.0080074 e
created : 2023-08-21T14:44:06



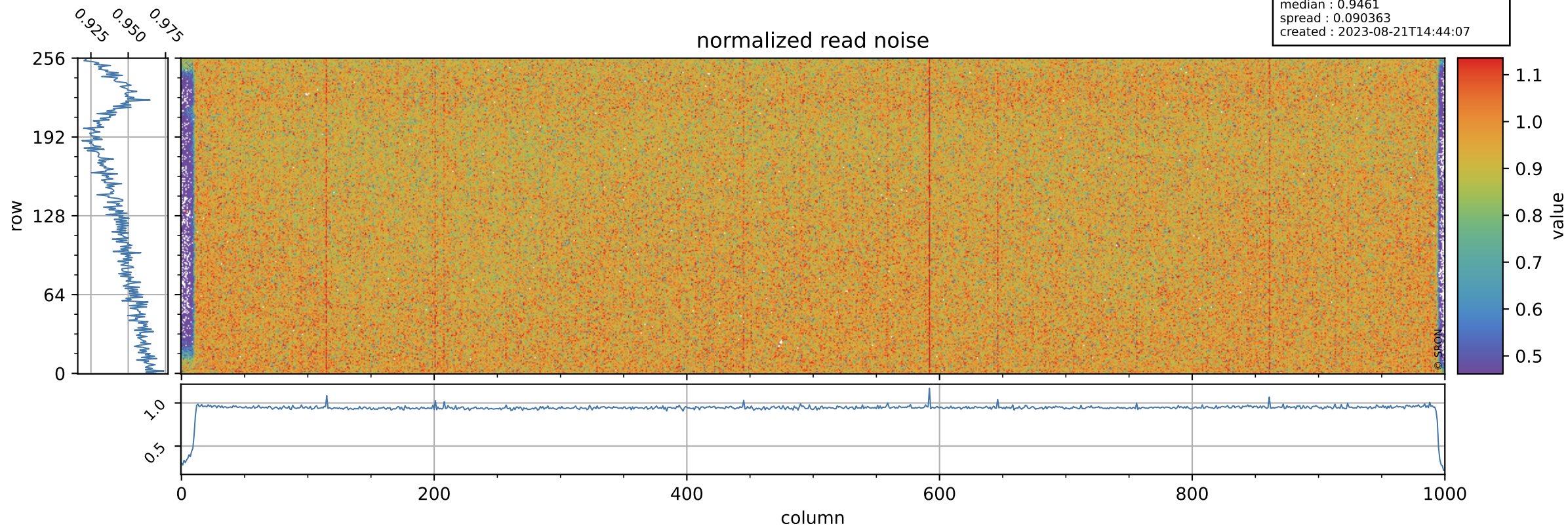
Tropomi SWIR background noise (swir)

orbits : 12 in [6682, 6757]
coverage : 2019-01-26 / 2019-02-01
median : 1.1286 e
spread : 0.062273 e
created : 2023-08-21T14:44:07



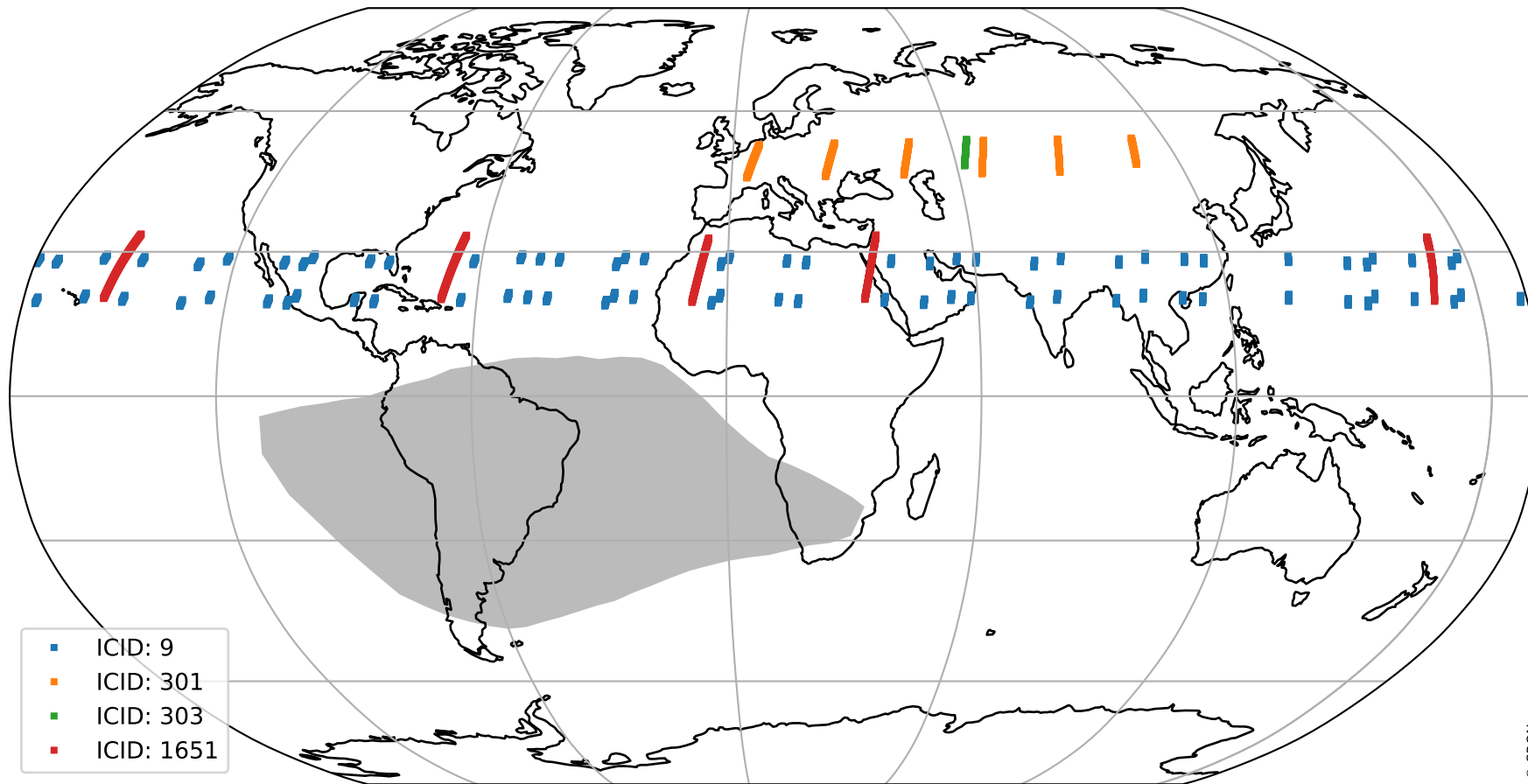
Tropomi SWIR background noise (swir)

orbits : 12 in [6682, 6757]
coverage : 2019-01-26 / 2019-02-01
median : 0.9461
spread : 0.090363
created : 2023-08-21T14:44:07



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

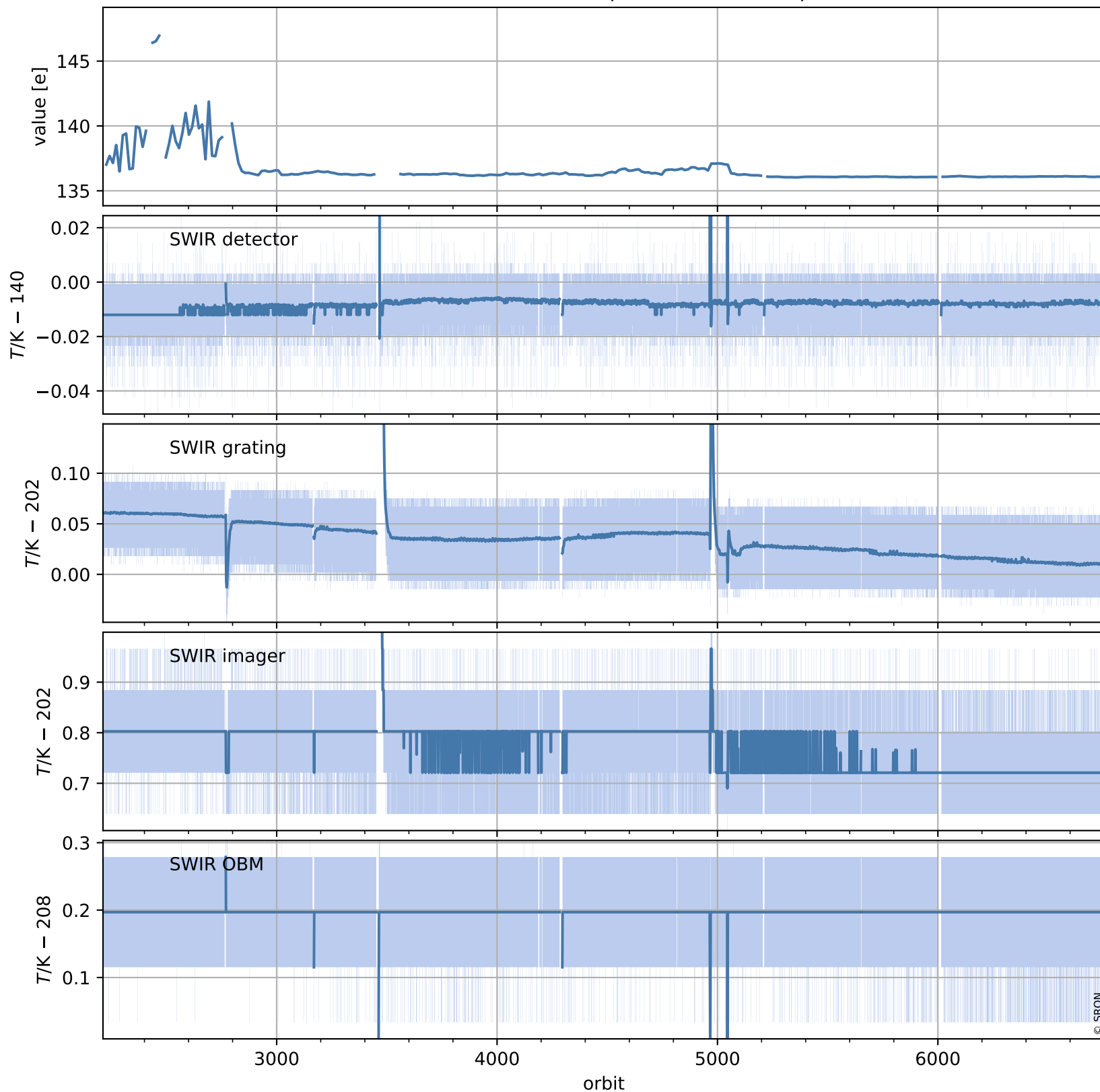
orbits : 12 in [6682, 6757]
coverage : 2019-01-26 / 2019-02-01
created : 2023-08-21T14:44:07



Tropomi SWIR background noise (swir)

orbits : [2212, 6757]
coverage : 2018-03-18 / 2019-02-01
created : 2023-08-21T14:44:08

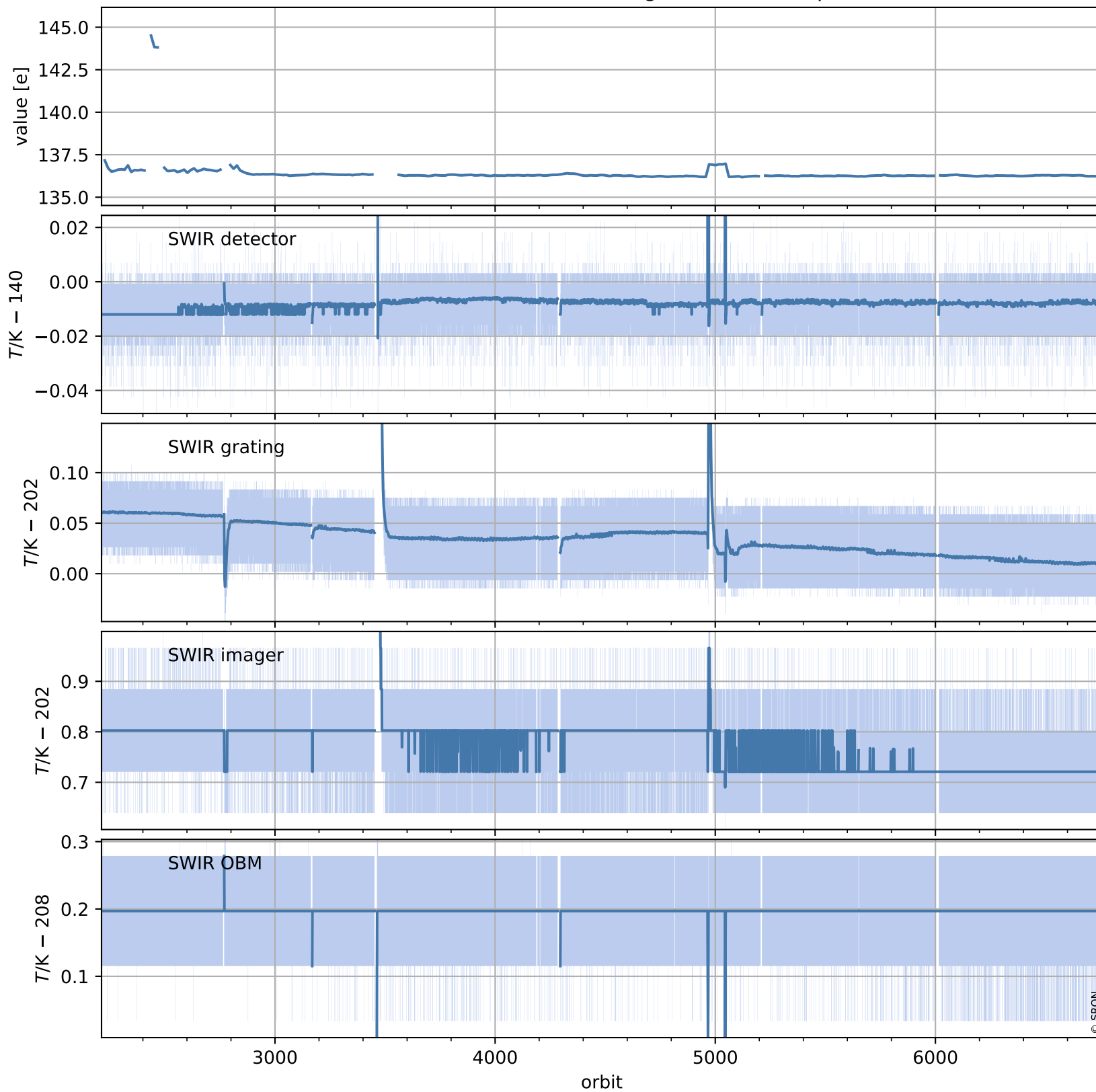
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6757]
coverage : 2018-03-18 / 2019-02-01
created : 2023-08-21T14:44:08

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6757]
coverage : 2018-03-18 / 2019-02-01
created : 2023-08-21T14:44:09

trend of normalized read-noise & temperatures

