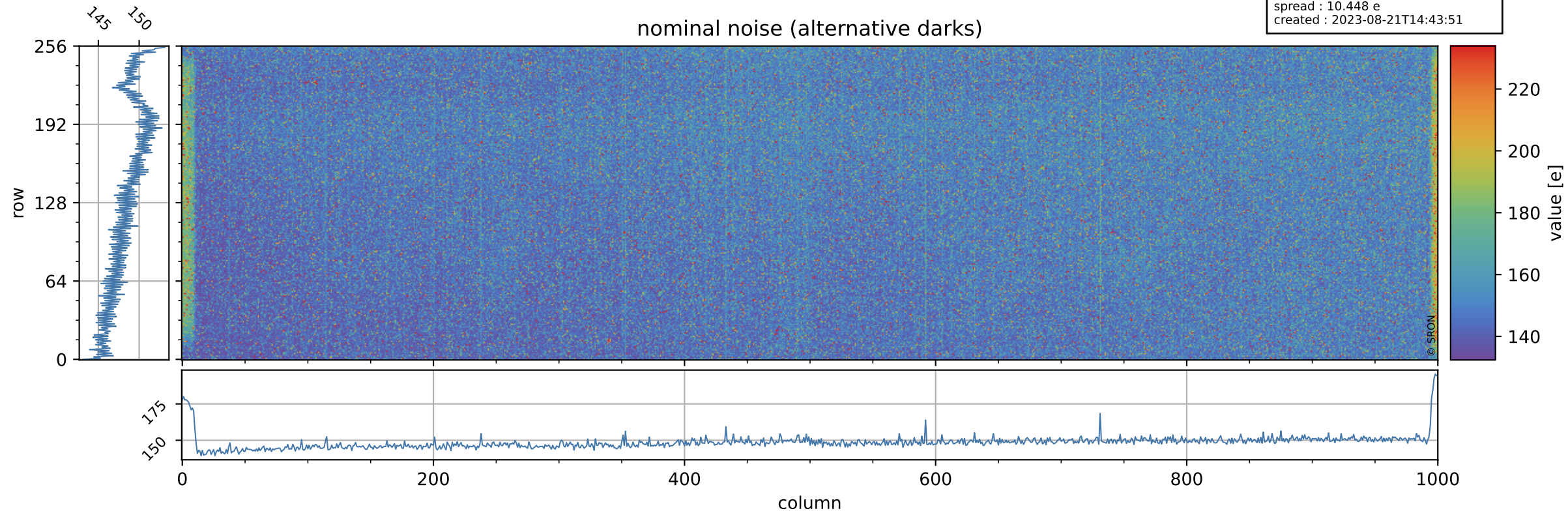


Tropomi SWIR background noise (swir)

orbits : 12 in [6637, 6727]
coverage : 2019-01-24 / 2019-01-30
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.448 e
created : 2023-08-21T14:43:51

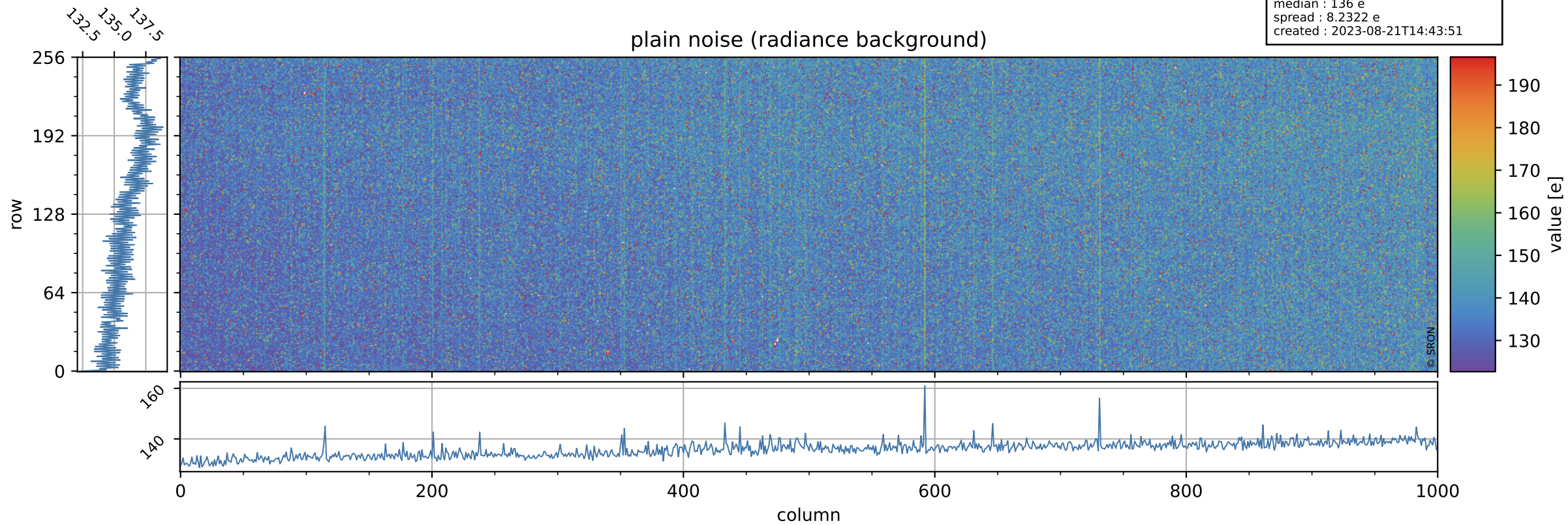
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6637, 6727]
coverage : 2019-01-24 / 2019-01-30
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2322 e
created : 2023-08-21T14:43:51

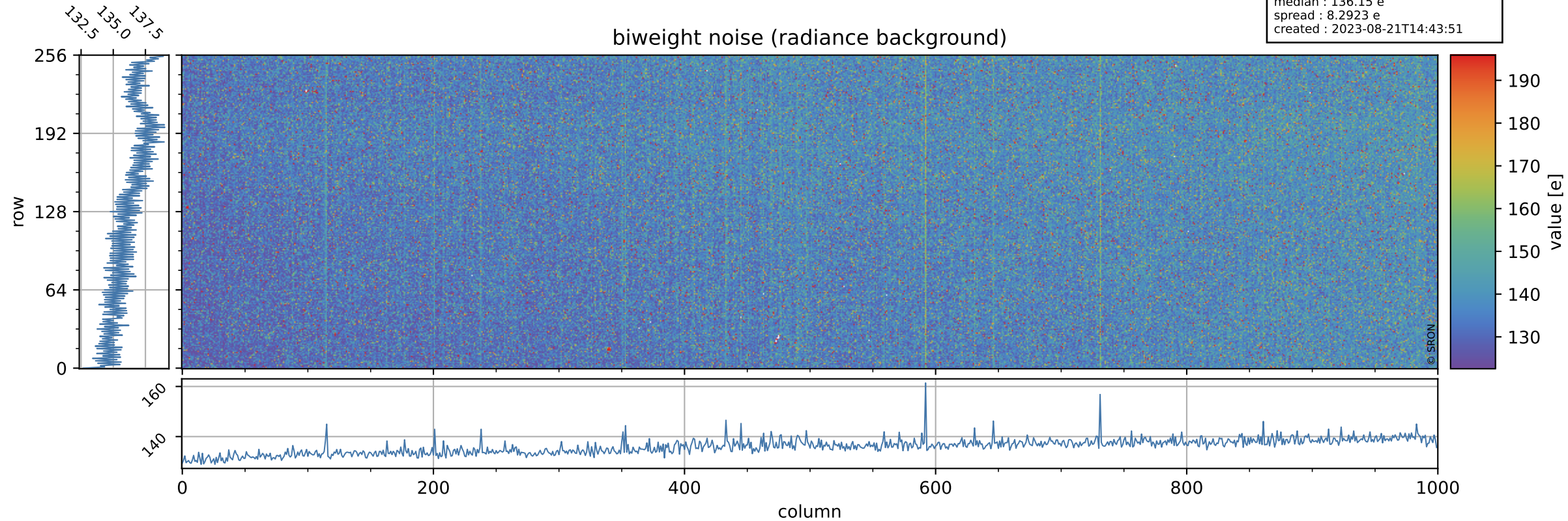
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6637, 6727]
coverage : 2019-01-24 / 2019-01-30
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.2923 e
created : 2023-08-21T14:43:51

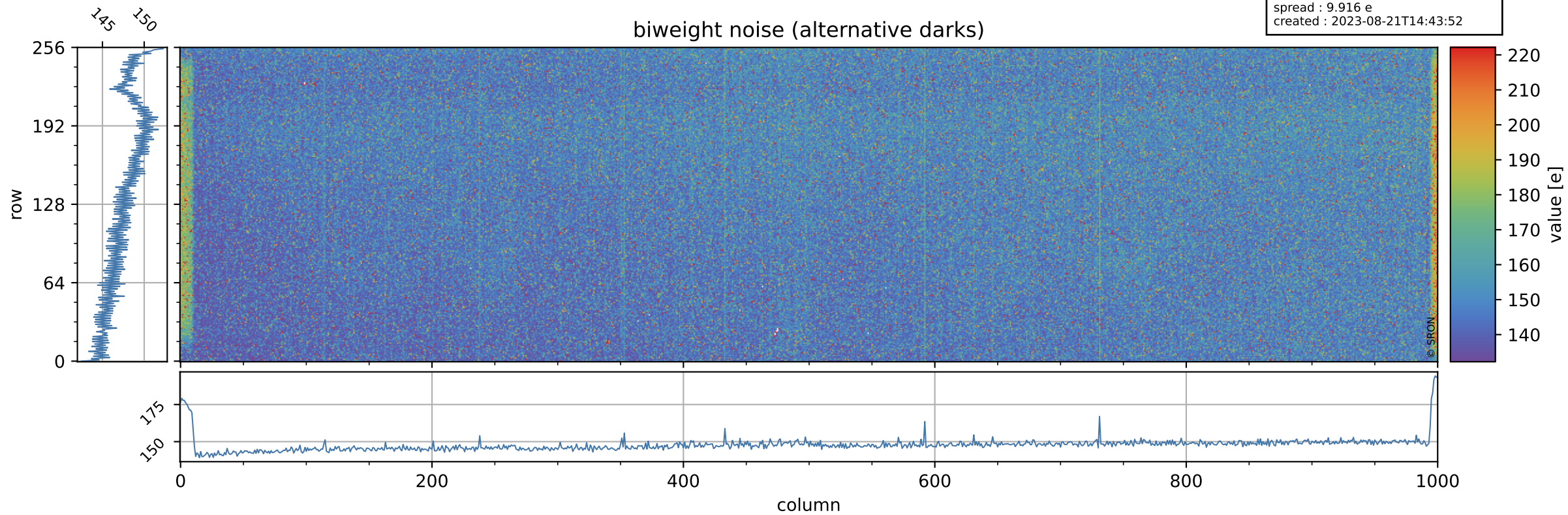
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6637, 6727]
coverage : 2019-01-24 / 2019-01-30
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.916 e
created : 2023-08-21T14:43:52

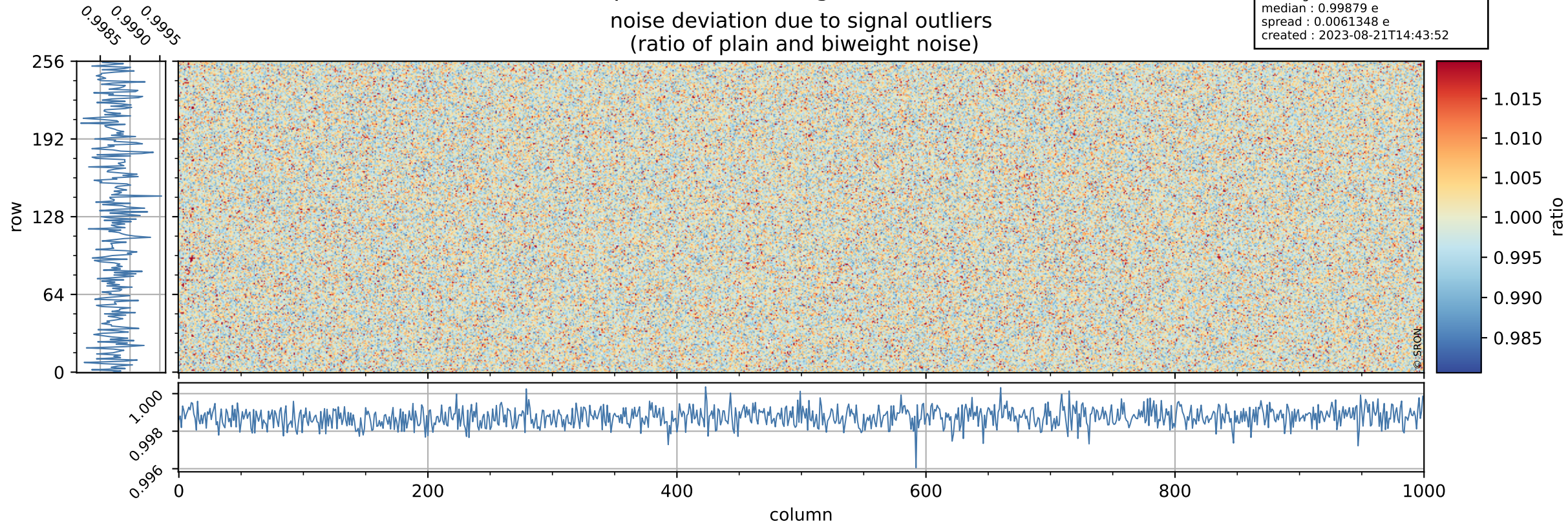
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

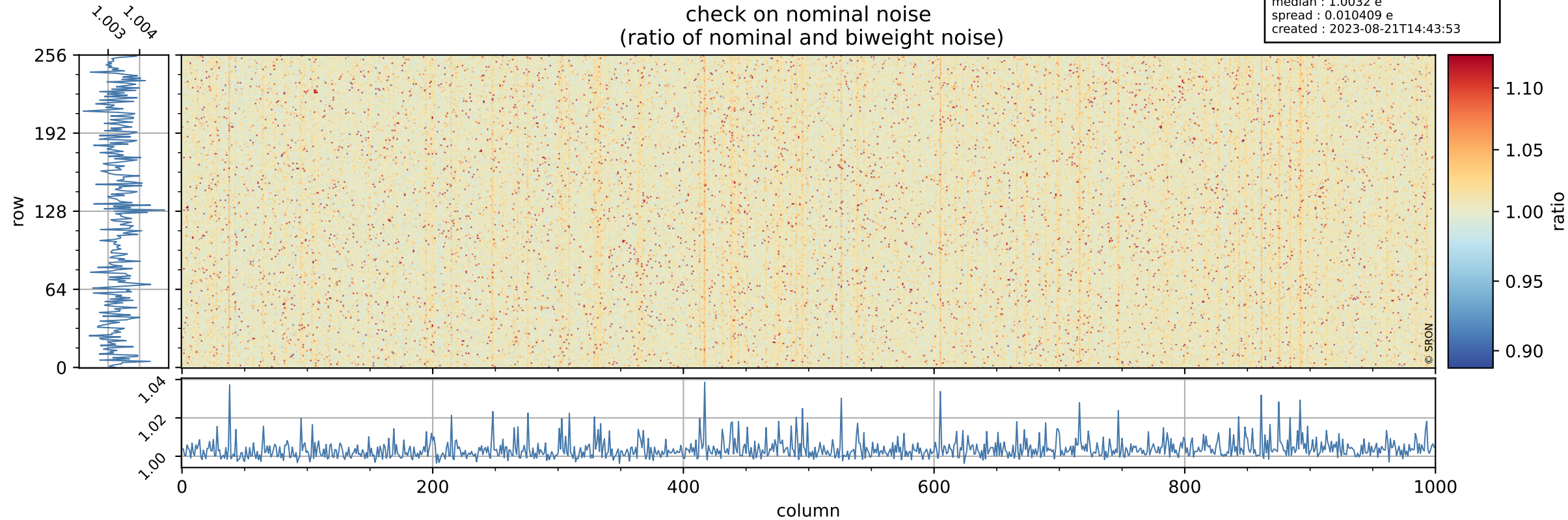
orbits : 12 in [6637, 6727]
coverage : 2019-01-24 / 2019-01-30
median : 0.99879 e
spread : 0.0061348 e
created : 2023-08-21T14:43:52



Tropomi SWIR background noise (swir)

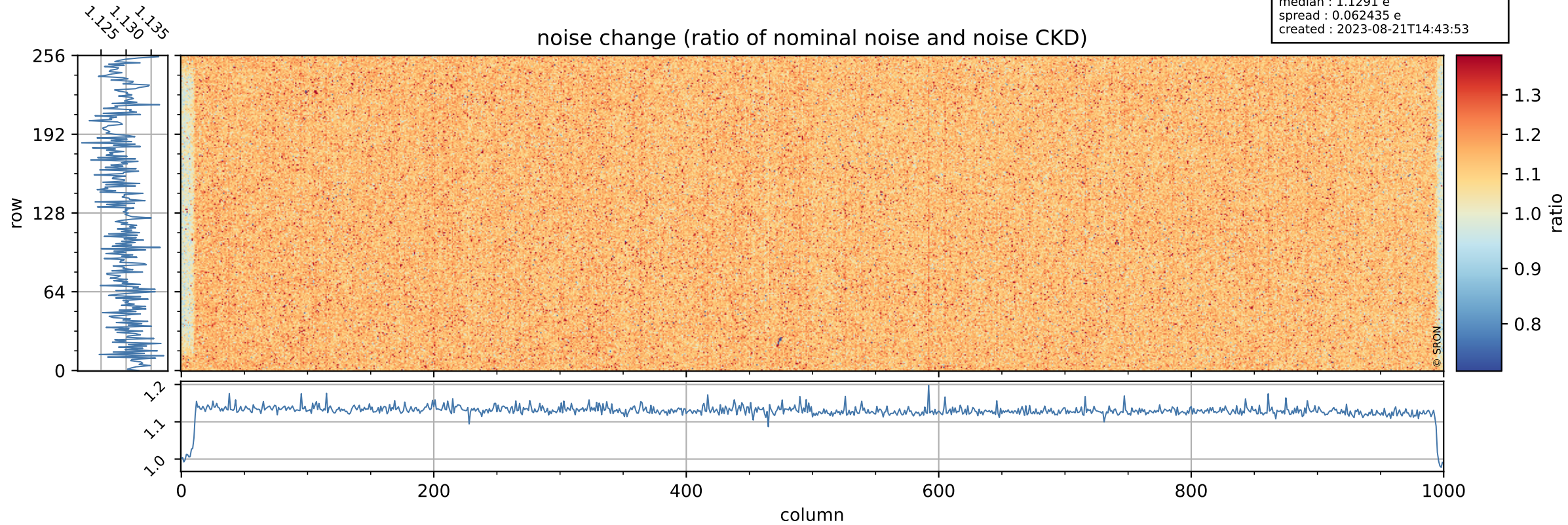
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6637, 6727]
coverage : 2019-01-24 / 2019-01-30
median : 1.0032 e
spread : 0.010409 e
created : 2023-08-21T14:43:53



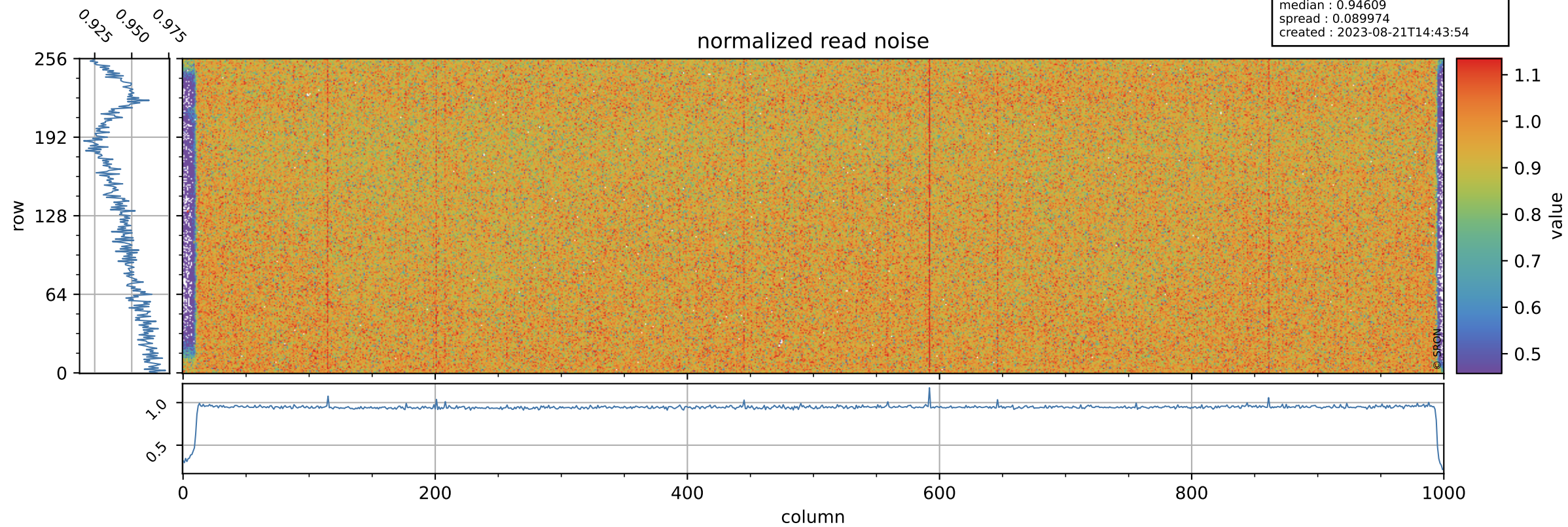
Tropomi SWIR background noise (swir)

orbits : 12 in [6637, 6727]
coverage : 2019-01-24 / 2019-01-30
median : 1.1291 e
spread : 0.062435 e
created : 2023-08-21T14:43:53



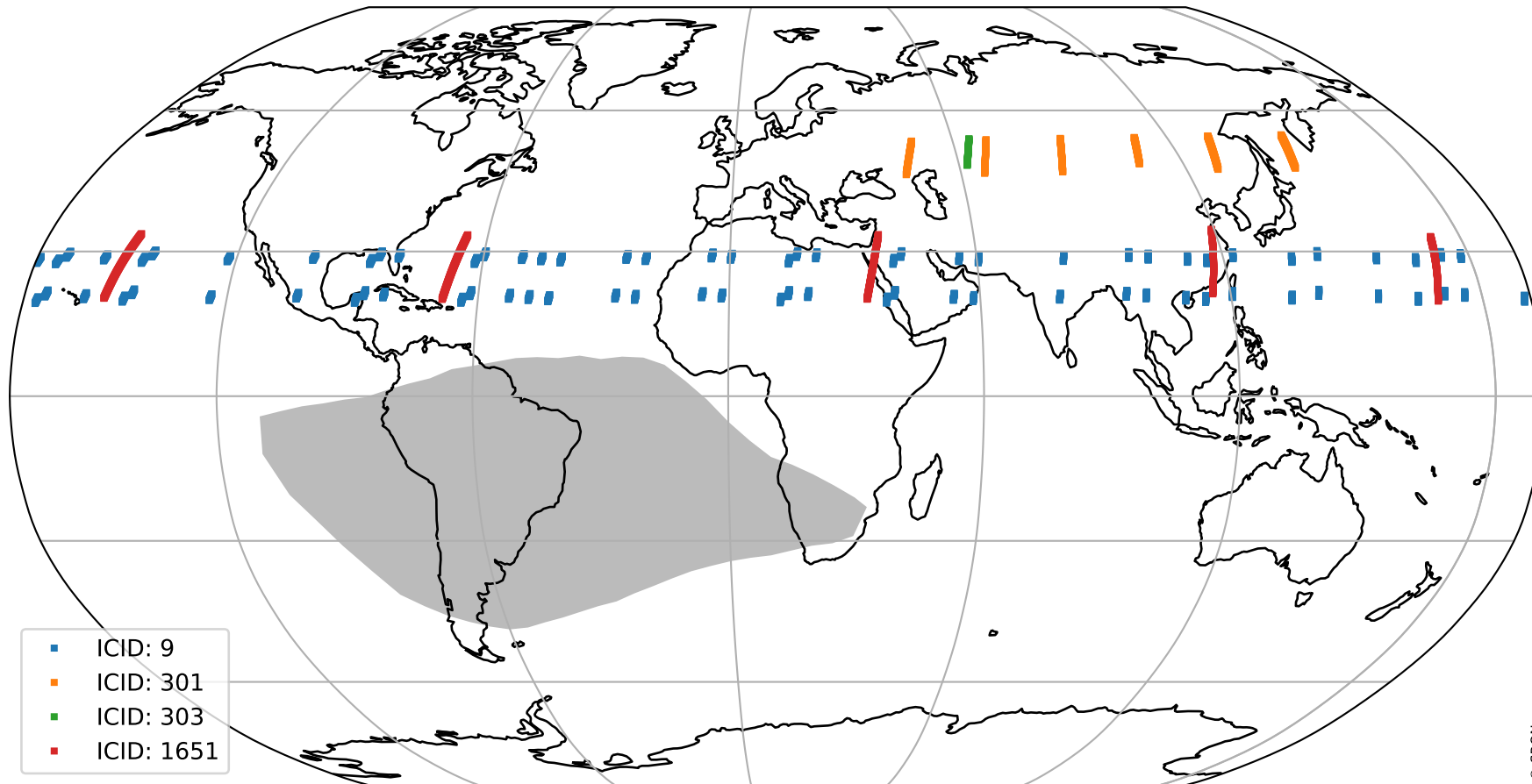
Tropomi SWIR background noise (swir)

orbits : 12 in [6637, 6727]
coverage : 2019-01-24 / 2019-01-30
median : 0.94609
spread : 0.089974
created : 2023-08-21T14:43:54



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

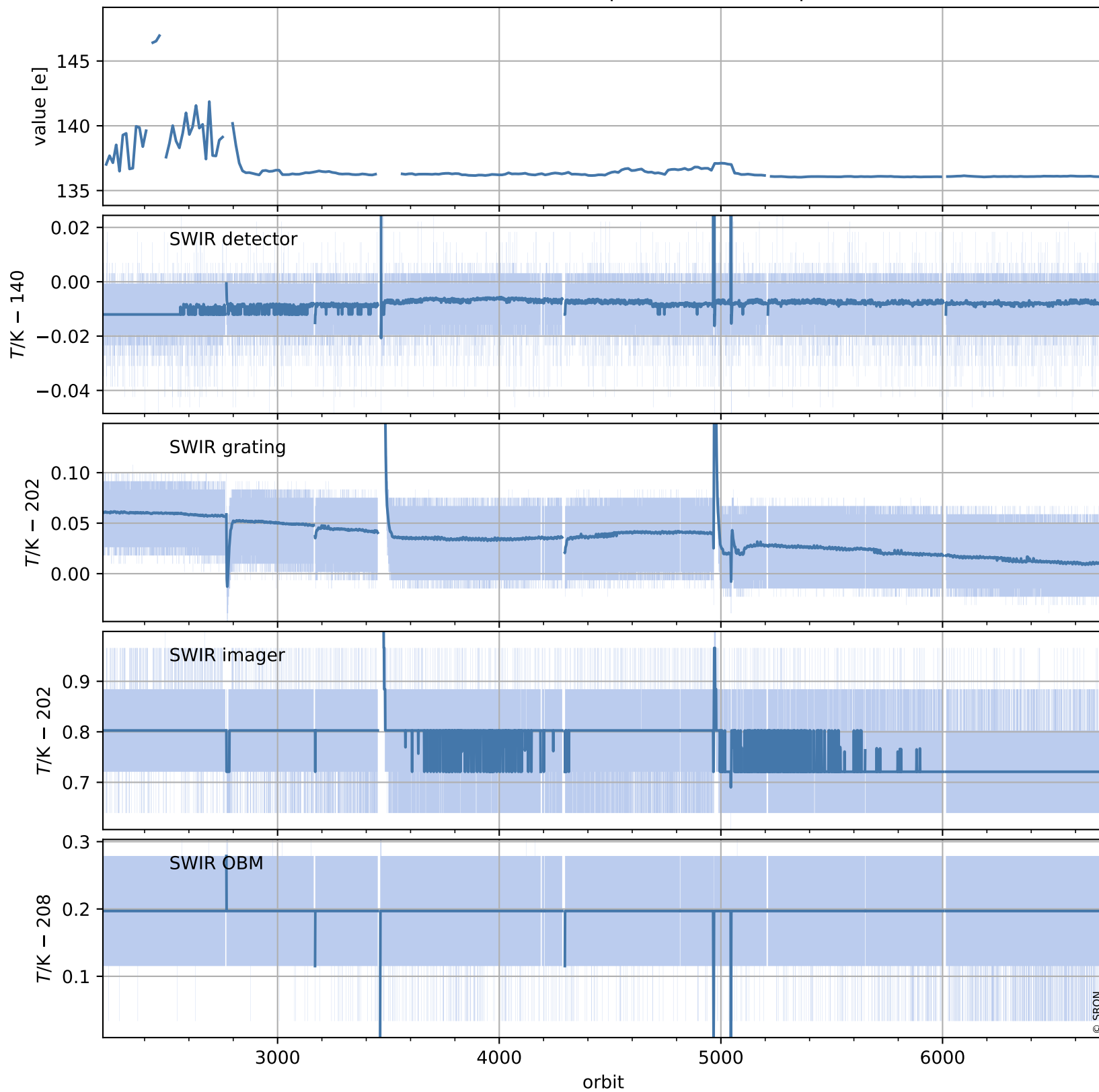
orbits : 12 in [6637, 6727]
coverage : 2019-01-24 / 2019-01-30
created : 2023-08-21T14:43:54



Tropomi SWIR background noise (swir)

orbits : [2212, 6727]
coverage : 2018-03-18 / 2019-01-30
created : 2023-08-21T14:43:55

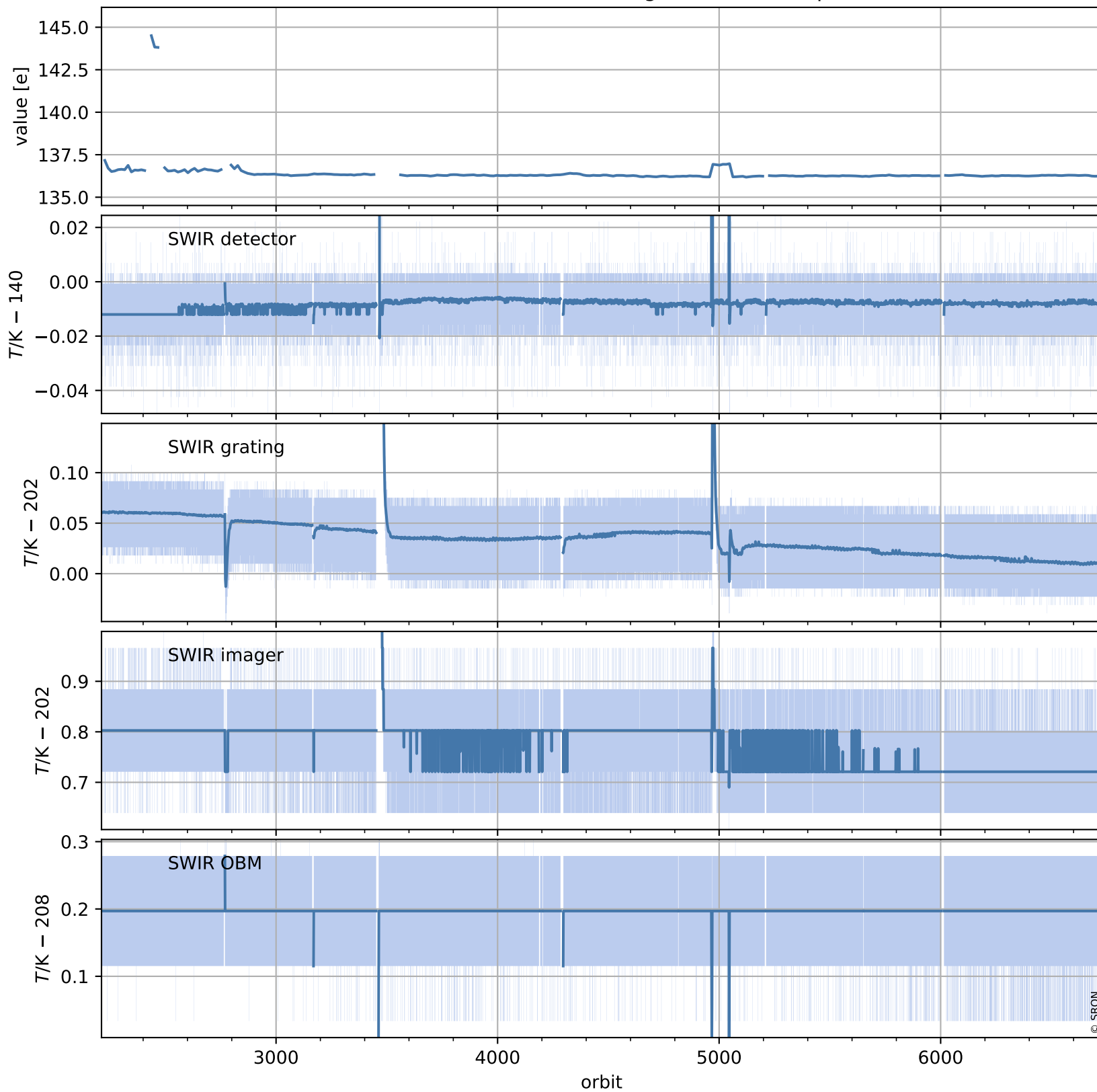
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6727]
coverage : 2018-03-18 / 2019-01-30
created : 2023-08-21T14:43:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6727]
coverage : 2018-03-18 / 2019-01-30
created : 2023-08-21T14:43:56

trend of normalized read-noise & temperatures

