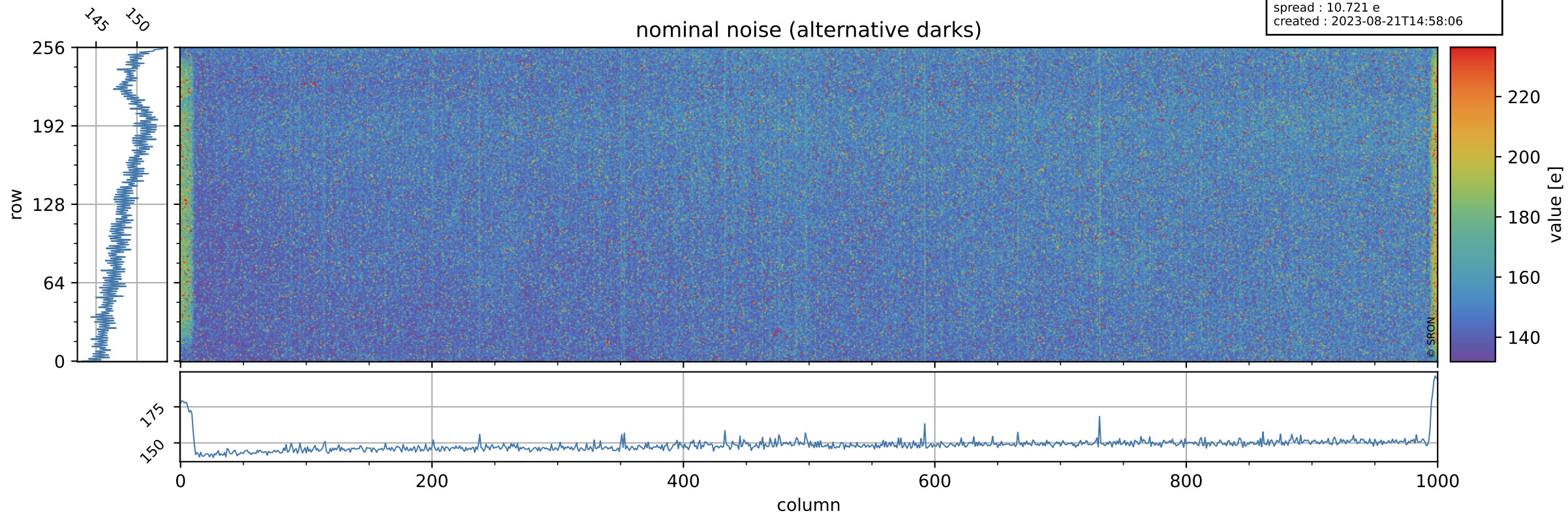


Tropomi SWIR background noise (swir)

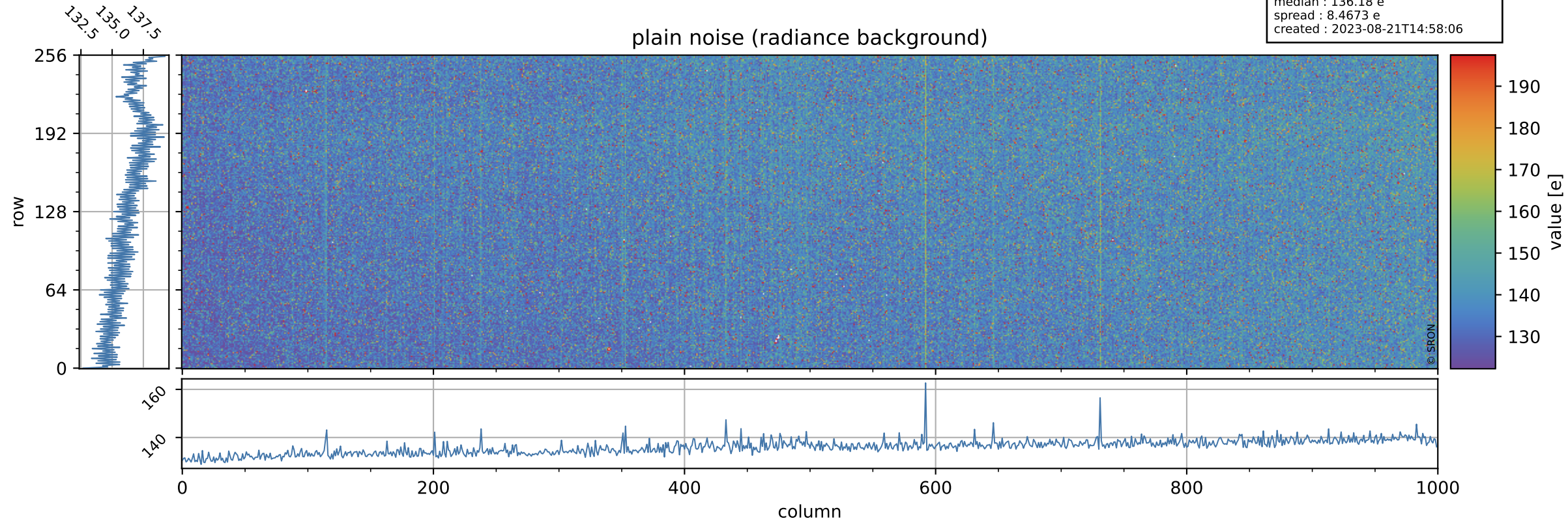
orbits : 13 in [8587, 8662]
coverage : 2019-06-10 / 2019-06-15
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.721 e
created : 2023-08-21T14:58:06



Tropomi SWIR background noise (swir)

orbits : 13 in [8587, 8662]
coverage : 2019-06-10 / 2019-06-15
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.4673 e
created : 2023-08-21T14:58:06

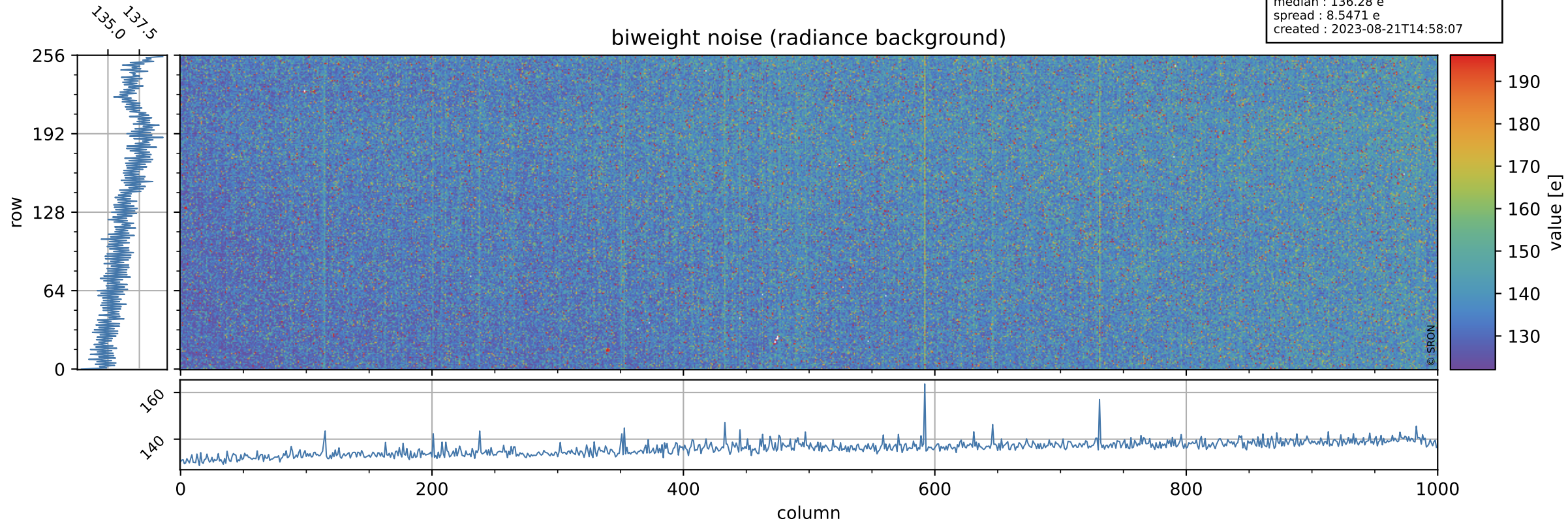
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8587, 8662]
coverage : 2019-06-10 / 2019-06-15
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.5471 e
created : 2023-08-21T14:58:07

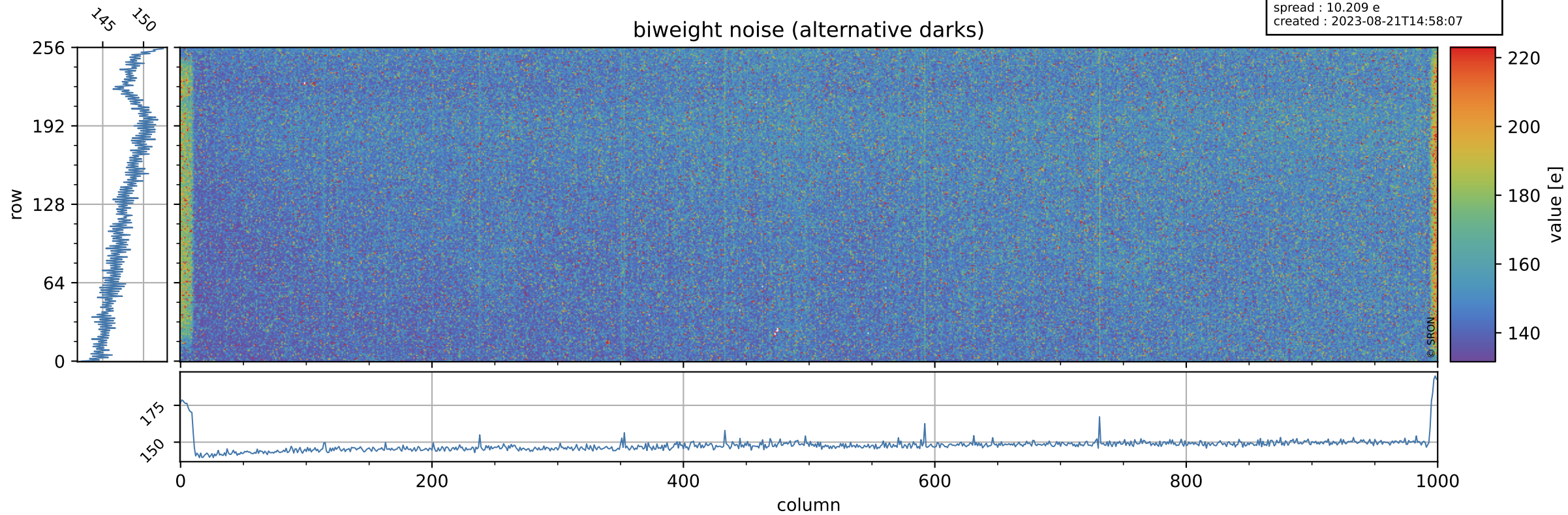
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8587, 8662]
coverage : 2019-06-10 / 2019-06-15
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.209 e
created : 2023-08-21T14:58:07

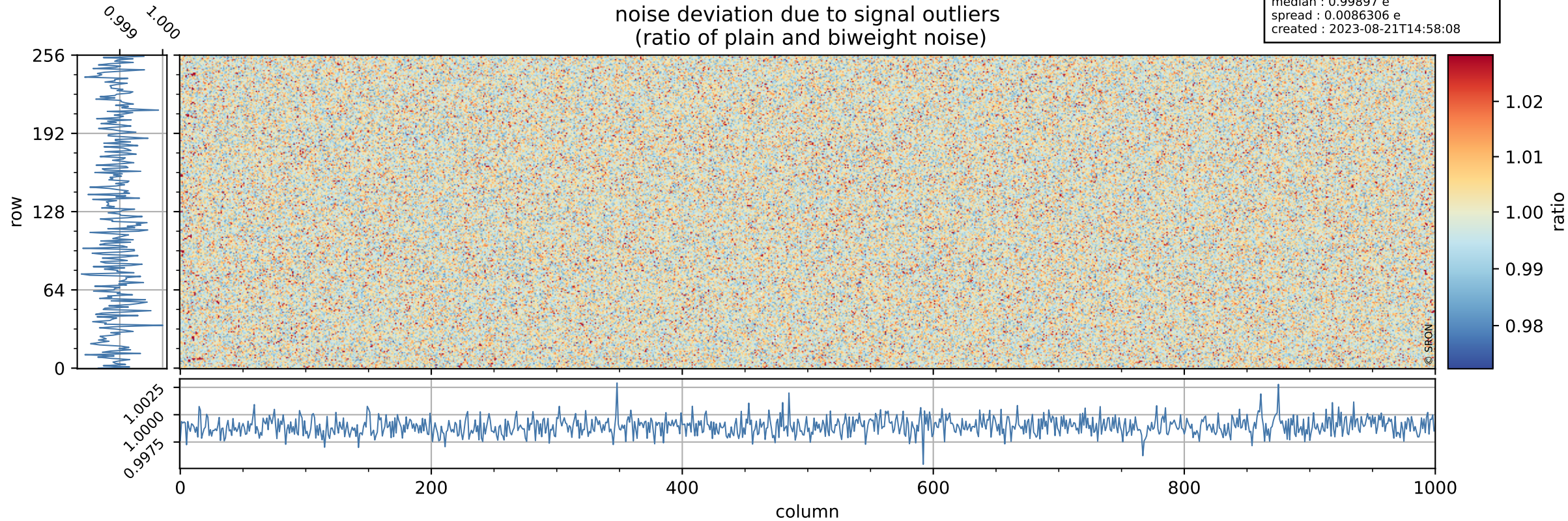
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

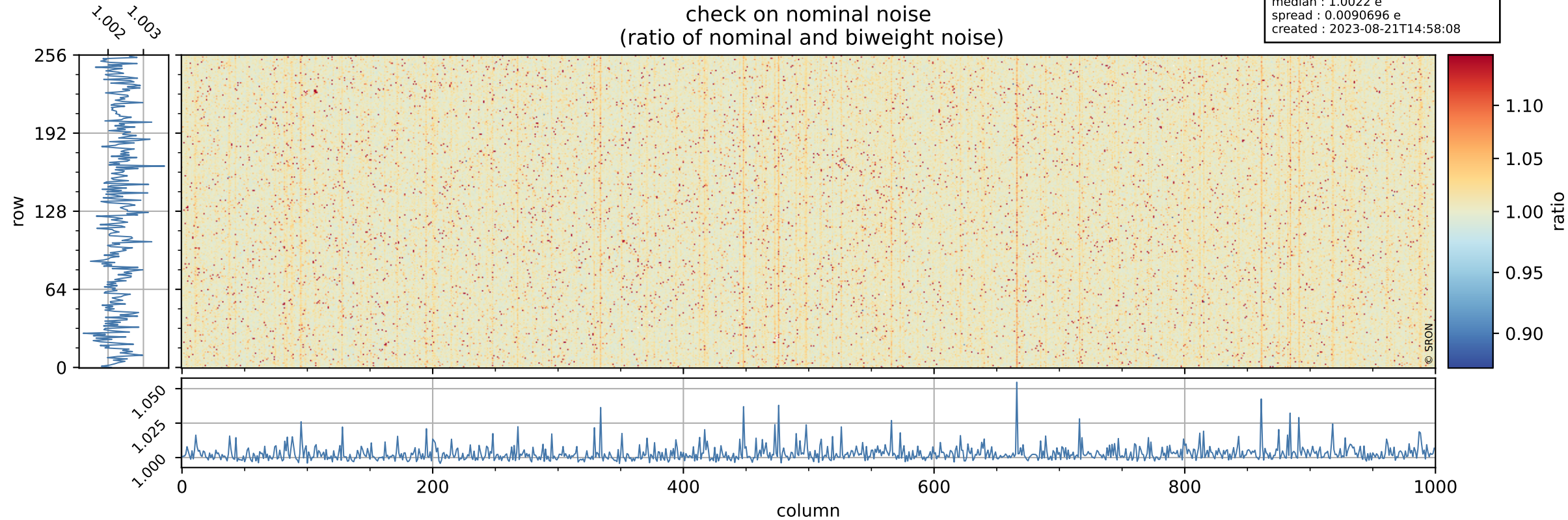
orbits : 13 in [8587, 8662]
coverage : 2019-06-10 / 2019-06-15
median : 0.99897 e
spread : 0.0086306 e
created : 2023-08-21T14:58:08



Tropomi SWIR background noise (swir)

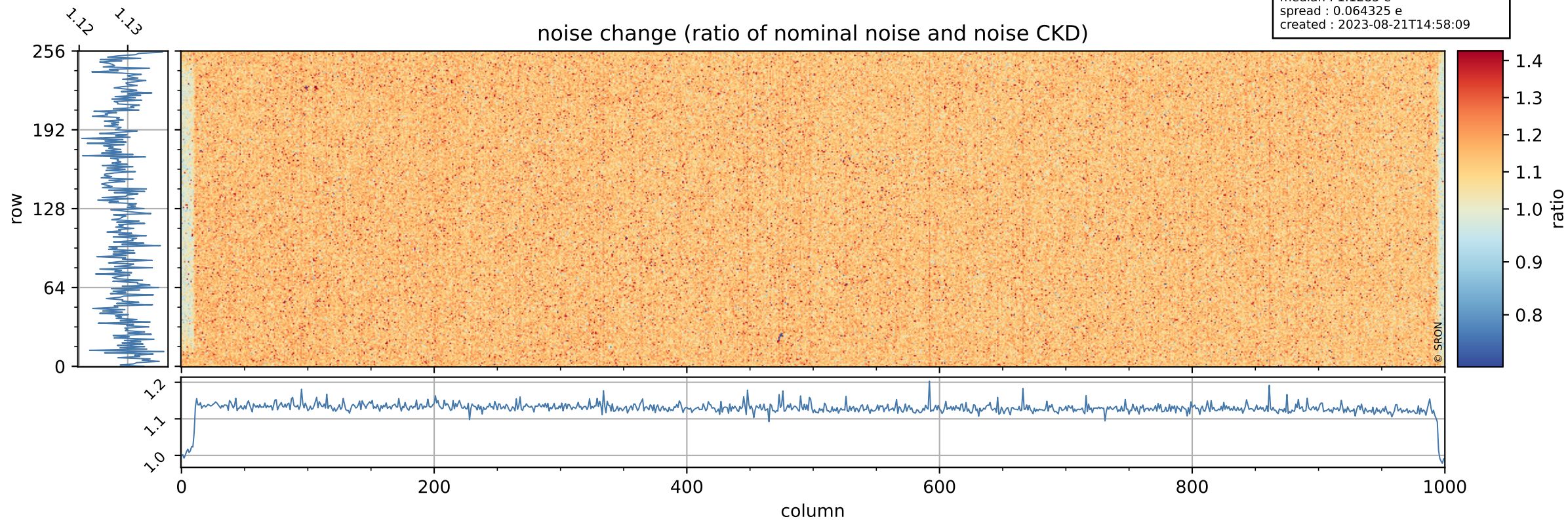
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [8587, 8662]
coverage : 2019-06-10 / 2019-06-15
median : 1.0022 e
spread : 0.0090696 e
created : 2023-08-21T14:58:08



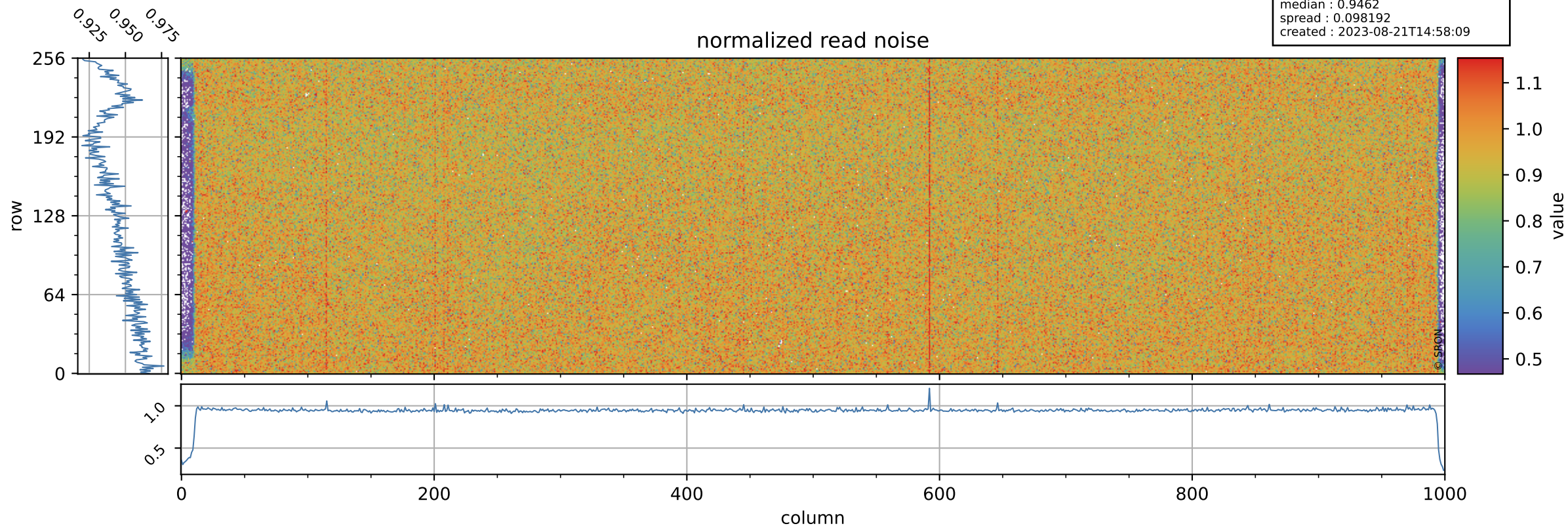
Tropomi SWIR background noise (swir)

orbits : 13 in [8587, 8662]
coverage : 2019-06-10 / 2019-06-15
median : 1.1285 e
spread : 0.064325 e
created : 2023-08-21T14:58:09



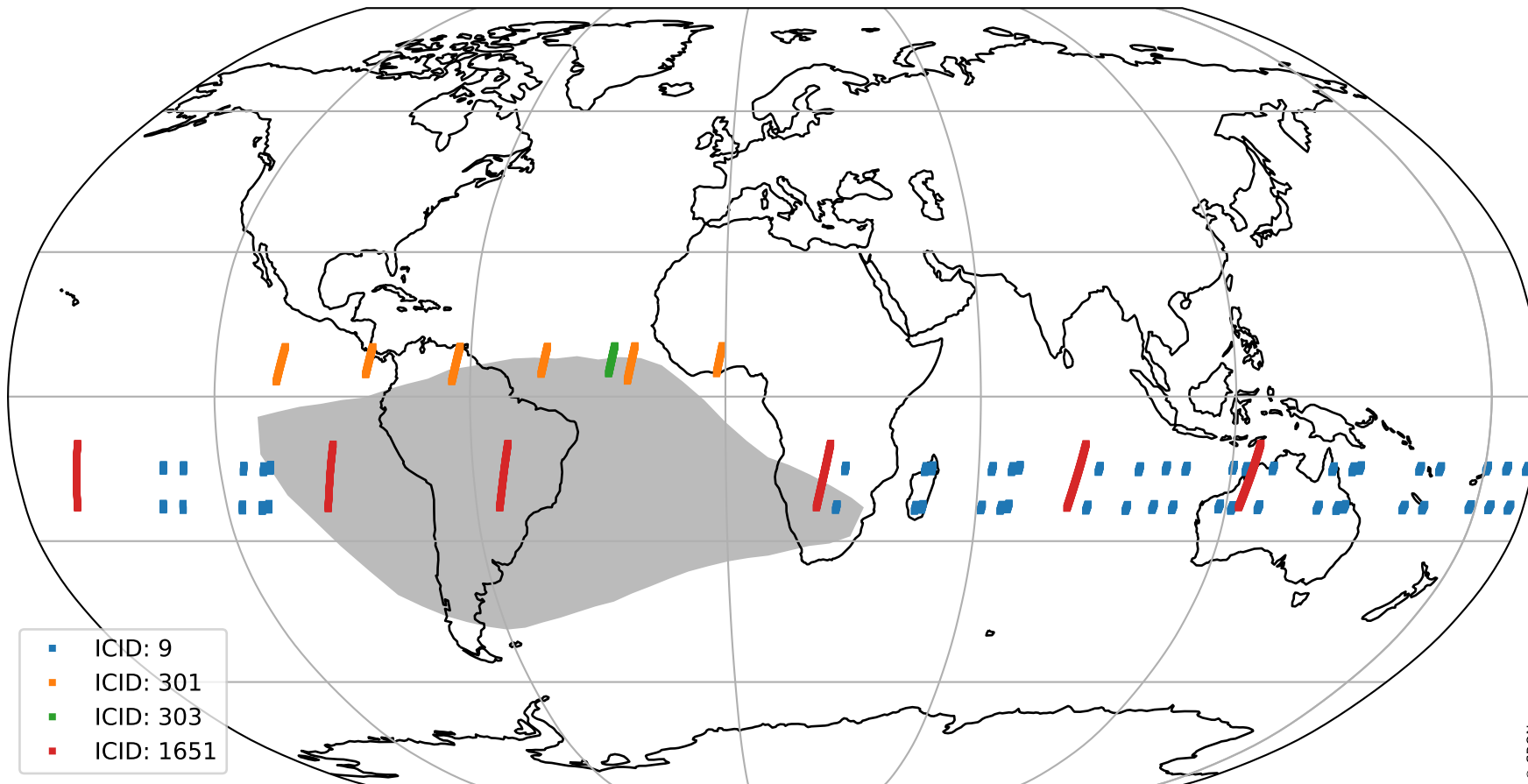
Tropomi SWIR background noise (swir)

orbits : 13 in [8587, 8662]
coverage : 2019-06-10 / 2019-06-15
median : 0.9462
spread : 0.098192
created : 2023-08-21T14:58:09



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

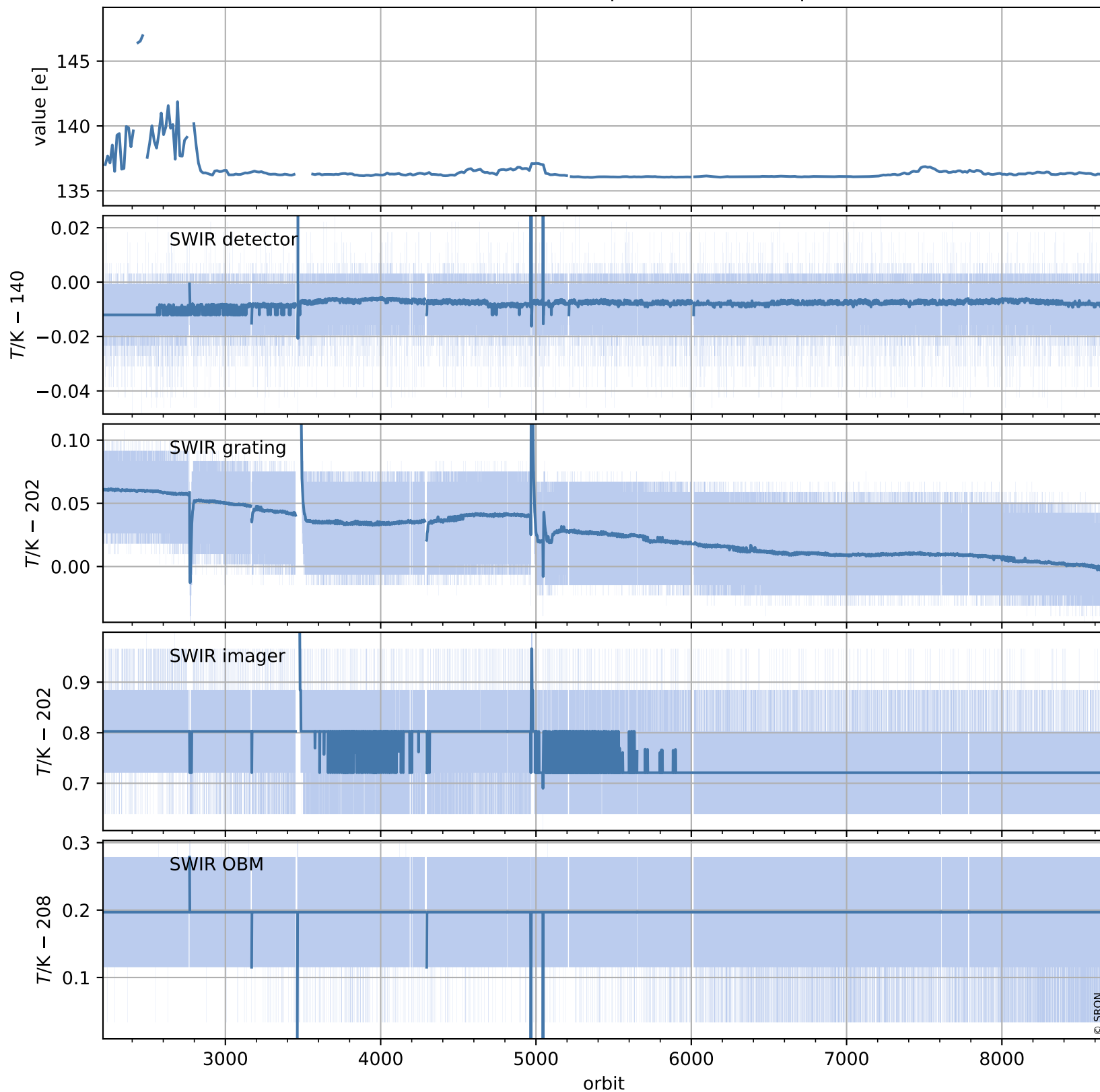
orbits : 13 in [8587, 8662]
coverage : 2019-06-10 / 2019-06-15
created : 2023-08-21T14:58:09



Tropomi SWIR background noise (swir)

orbits : [2212, 8662]
coverage : 2018-03-18 / 2019-06-15
created : 2023-08-21T14:58:10

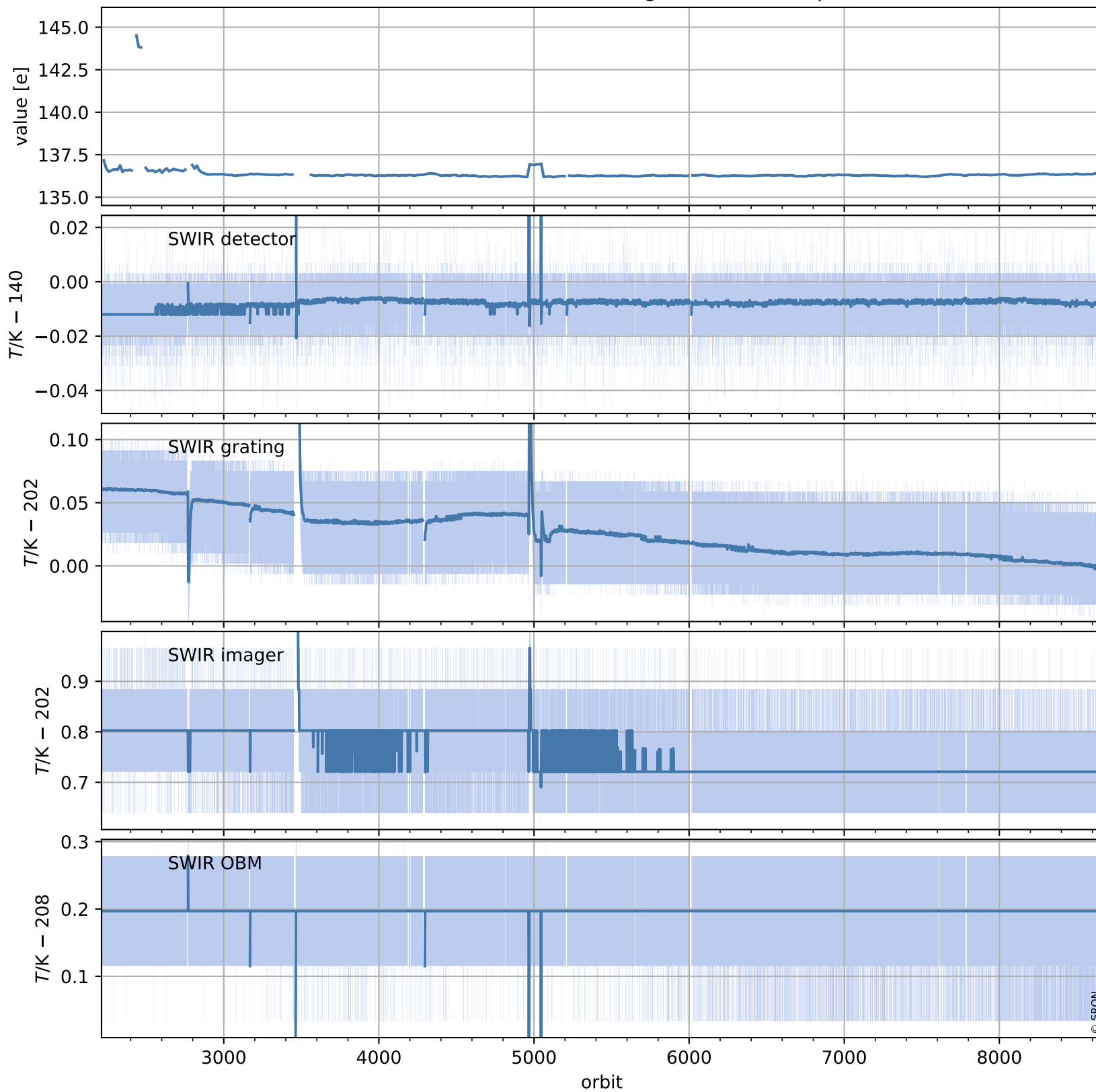
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8662]
coverage : 2018-03-18 / 2019-06-15
created : 2023-08-21T14:58:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8662]
coverage : 2018-03-18 / 2019-06-15
created : 2023-08-21T14:58:11

trend of normalized read-noise & temperatures

