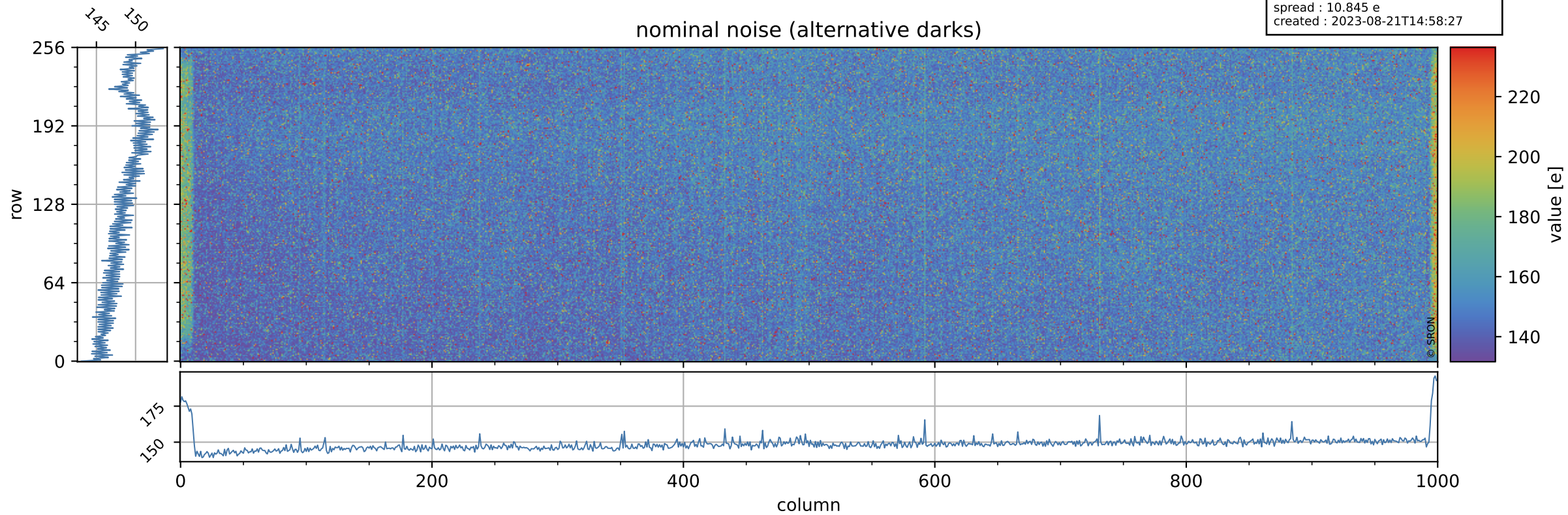


Tropomi SWIR background noise (swir)

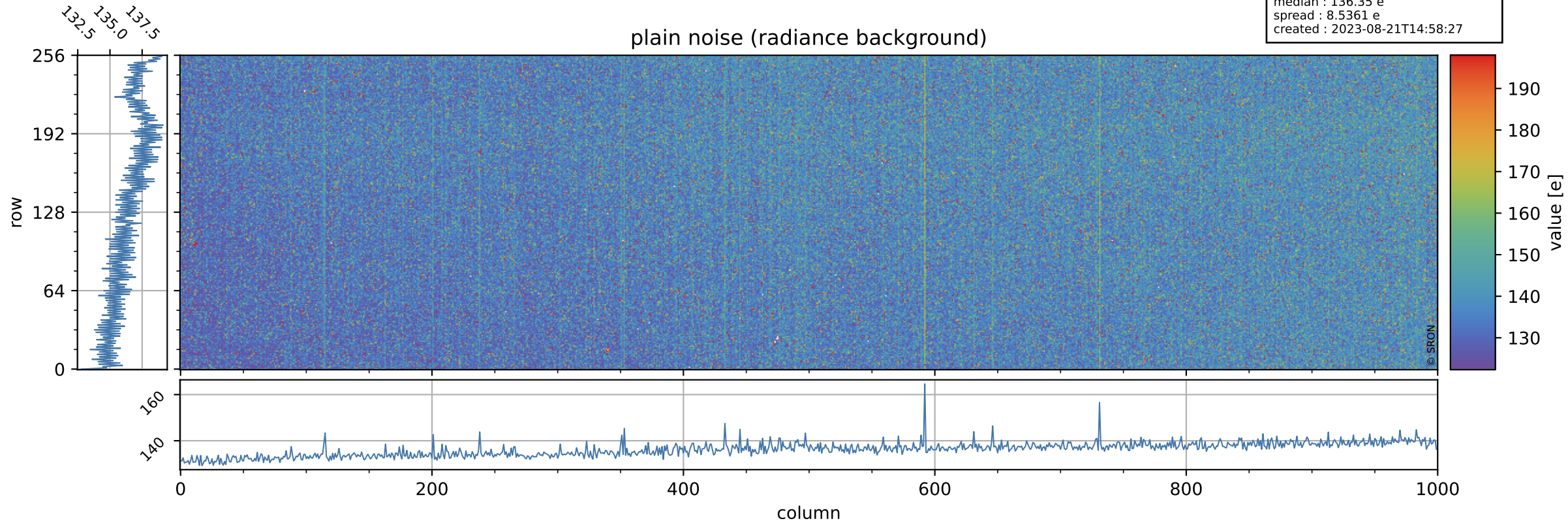
orbits : 12 in [8617, 8707]
coverage : 2019-06-13 / 2019-06-19
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.845 e
created : 2023-08-21T14:58:27



Tropomi SWIR background noise (swir)

orbits : 12 in [8617, 8707]
coverage : 2019-06-13 / 2019-06-19
n_coad, t_exp : 2, 0.5383
median : 136.35 e
spread : 8.5361 e
created : 2023-08-21T14:58:27

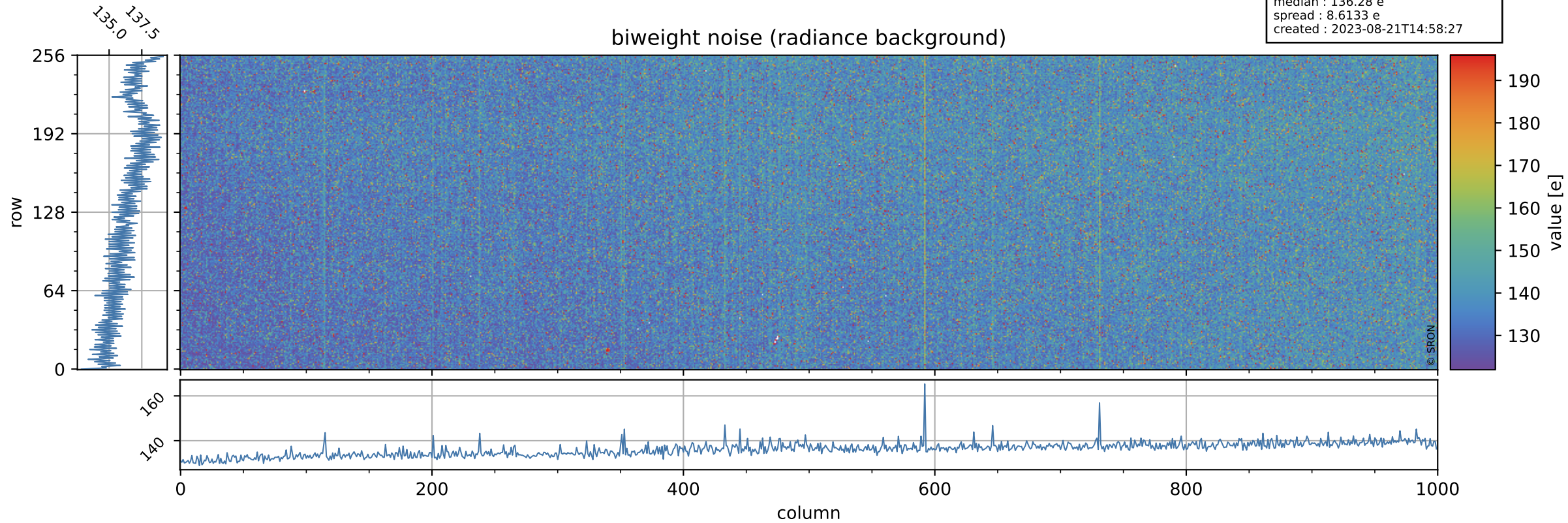
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8617, 8707]
coverage : 2019-06-13 / 2019-06-19
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.6133 e
created : 2023-08-21T14:58:27

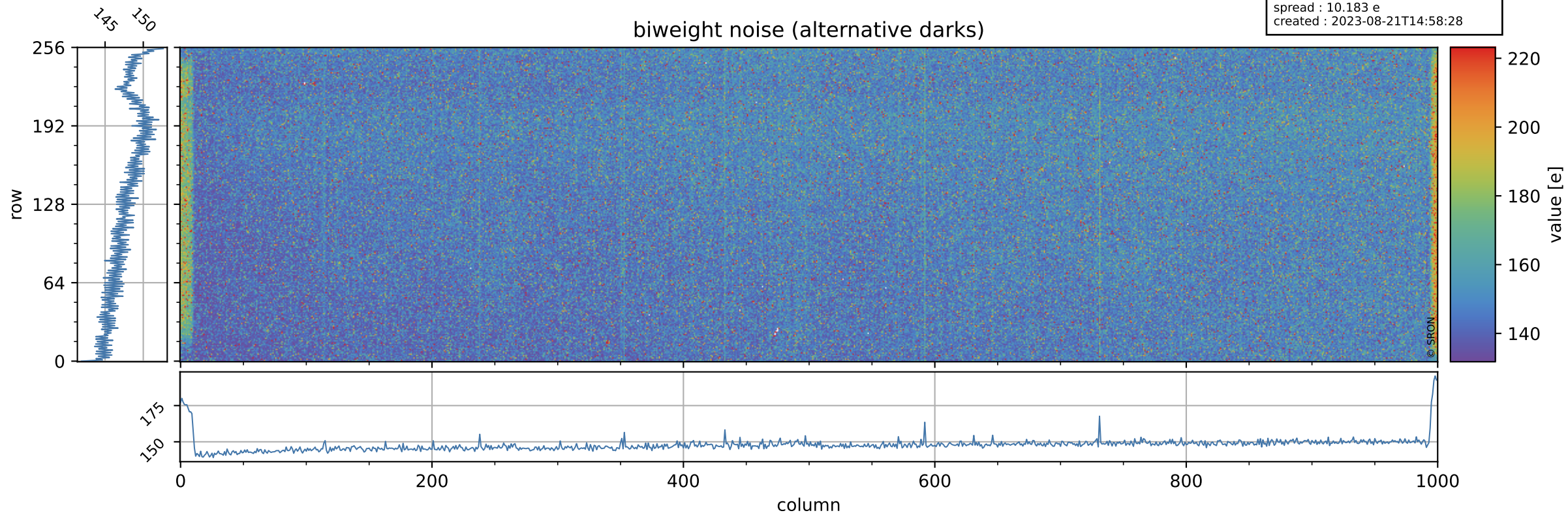
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8617, 8707]
coverage : 2019-06-13 / 2019-06-19
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.183 e
created : 2023-08-21T14:58:28

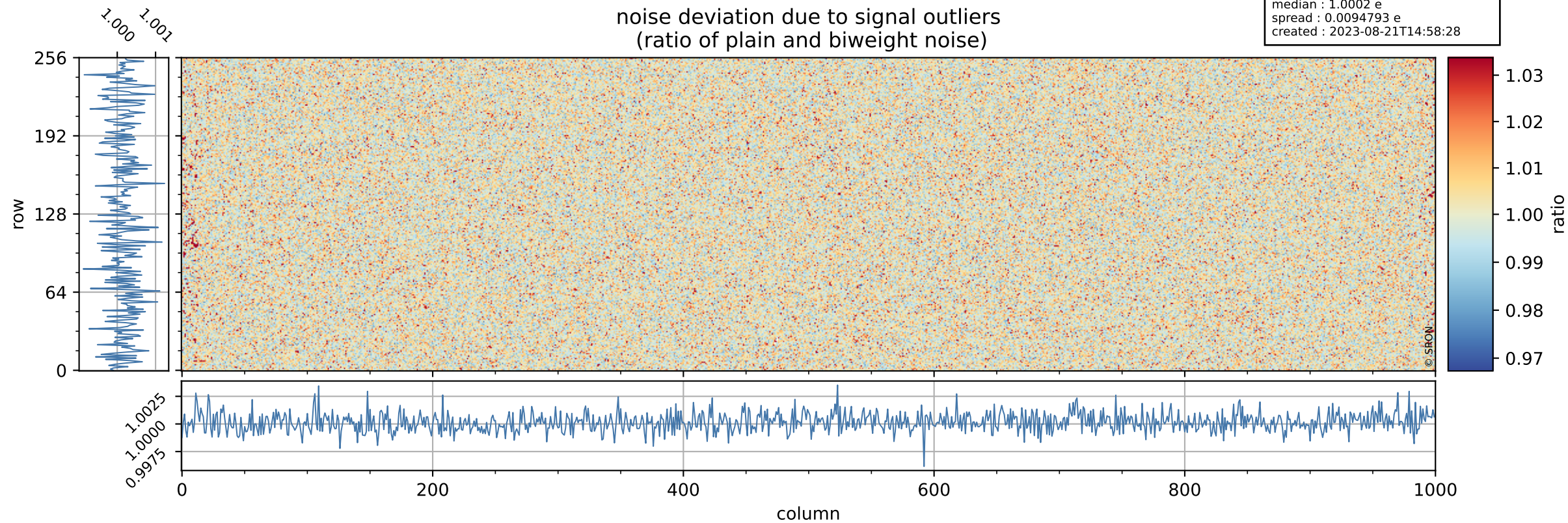
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

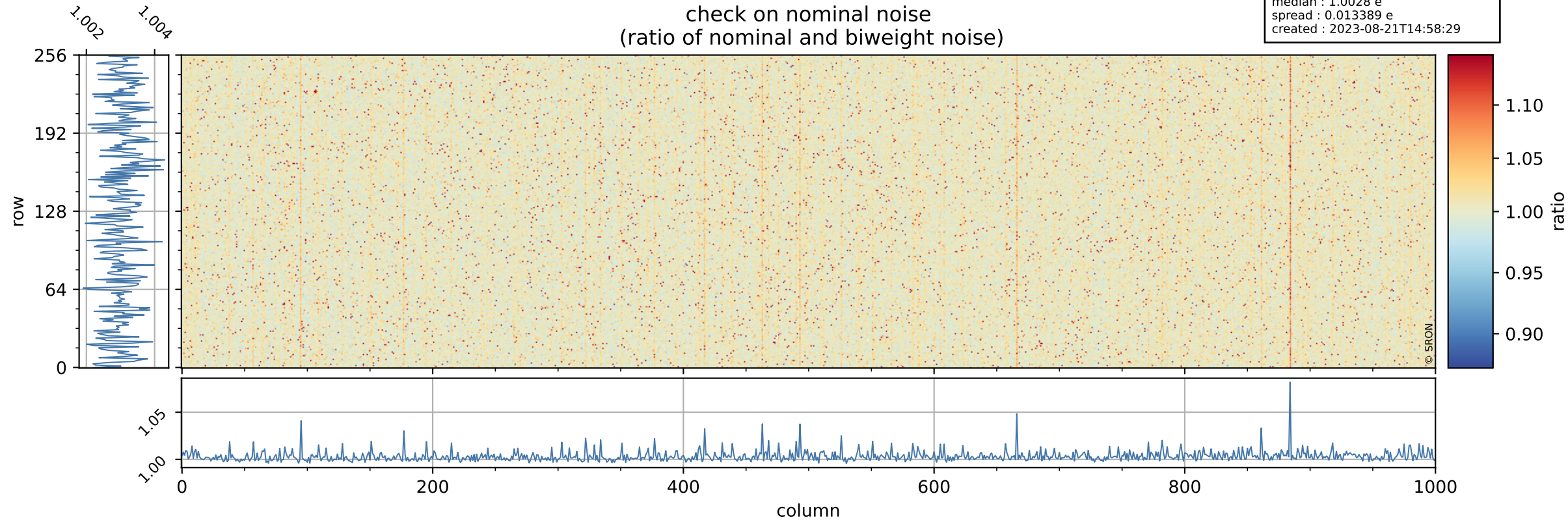
orbits : 12 in [8617, 8707]
coverage : 2019-06-13 / 2019-06-19
median : 1.0002 e
spread : 0.0094793 e
created : 2023-08-21T14:58:28



Tropomi SWIR background noise (swir)

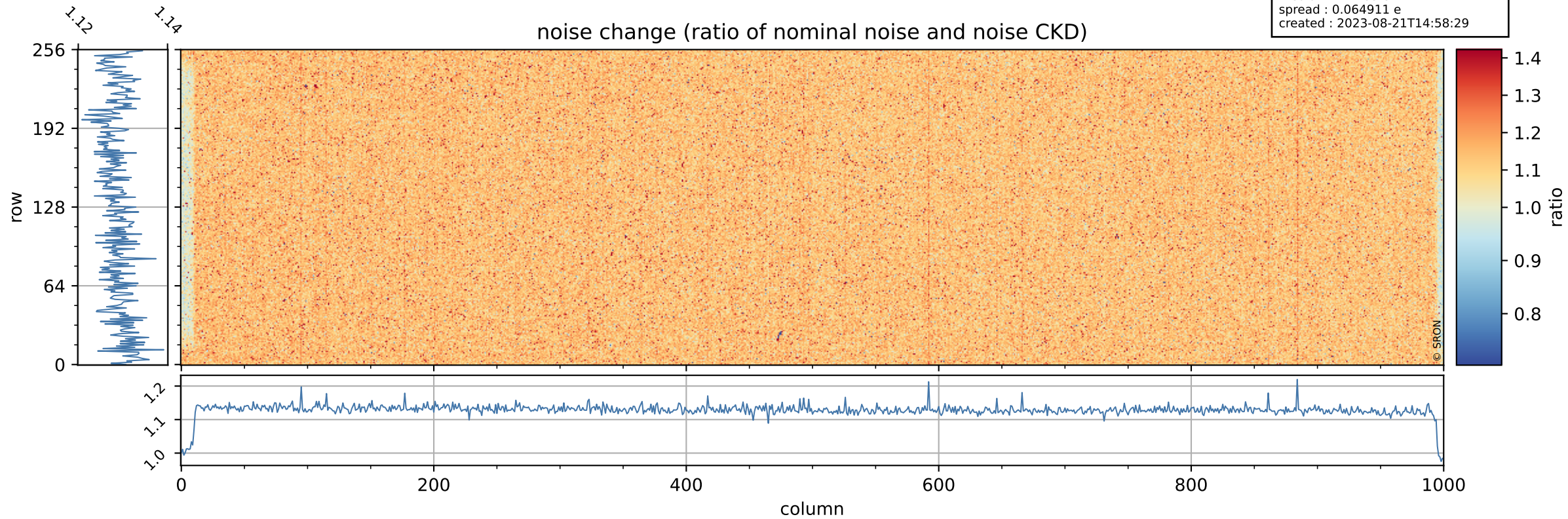
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8617, 8707]
coverage : 2019-06-13 / 2019-06-19
median : 1.0028 e
spread : 0.013389 e
created : 2023-08-21T14:58:29



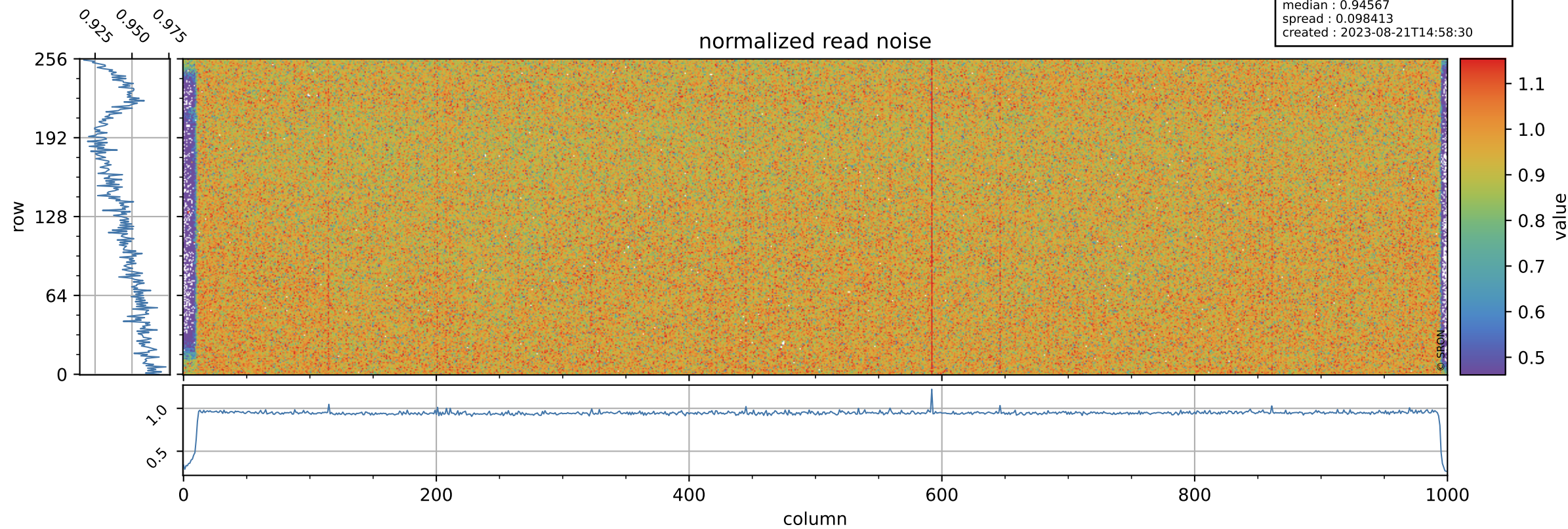
Tropomi SWIR background noise (swir)

orbits : 12 in [8617, 8707]
coverage : 2019-06-13 / 2019-06-19
median : 1.1283 e
spread : 0.064911 e
created : 2023-08-21T14:58:29



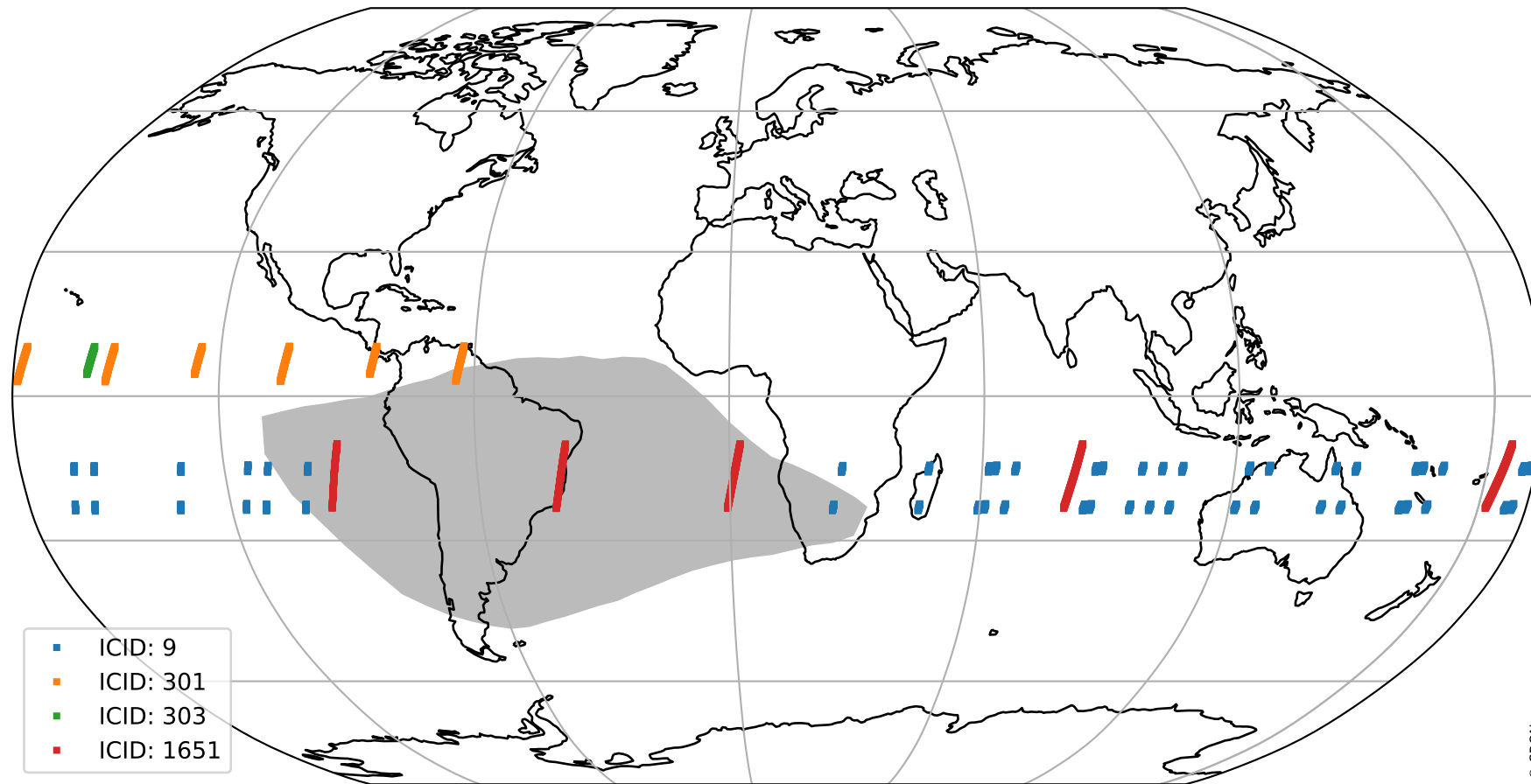
Tropomi SWIR background noise (swir)

orbits : 12 in [8617, 8707]
coverage : 2019-06-13 / 2019-06-19
median : 0.94567
spread : 0.098413
created : 2023-08-21T14:58:30



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

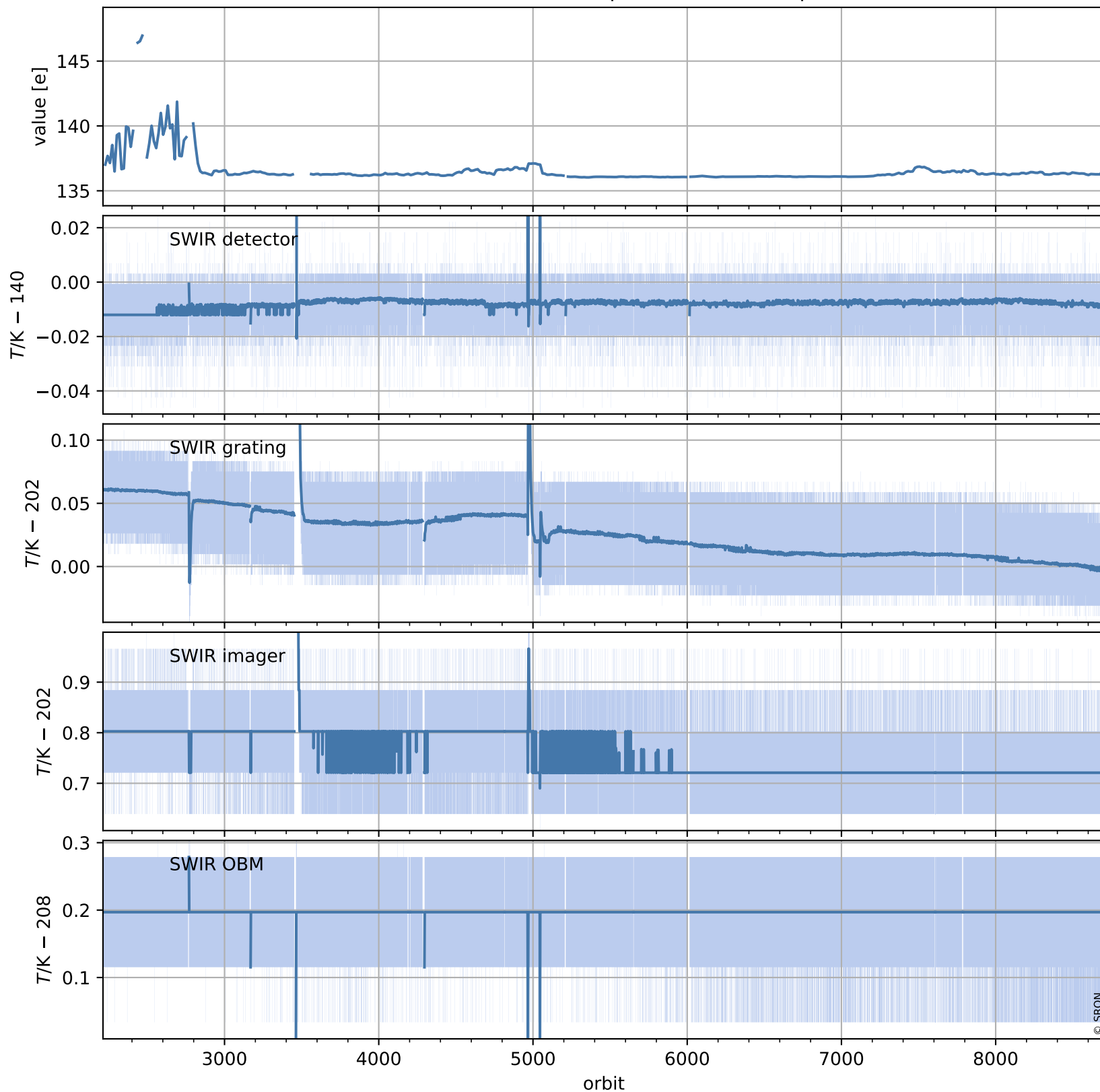
orbits : 12 in [8617, 8707]
coverage : 2019-06-13 / 2019-06-19
created : 2023-08-21T14:58:31



Tropomi SWIR background noise (swir)

orbits : [2212, 8707]
coverage : 2018-03-18 / 2019-06-19
created : 2023-08-21T14:58:31

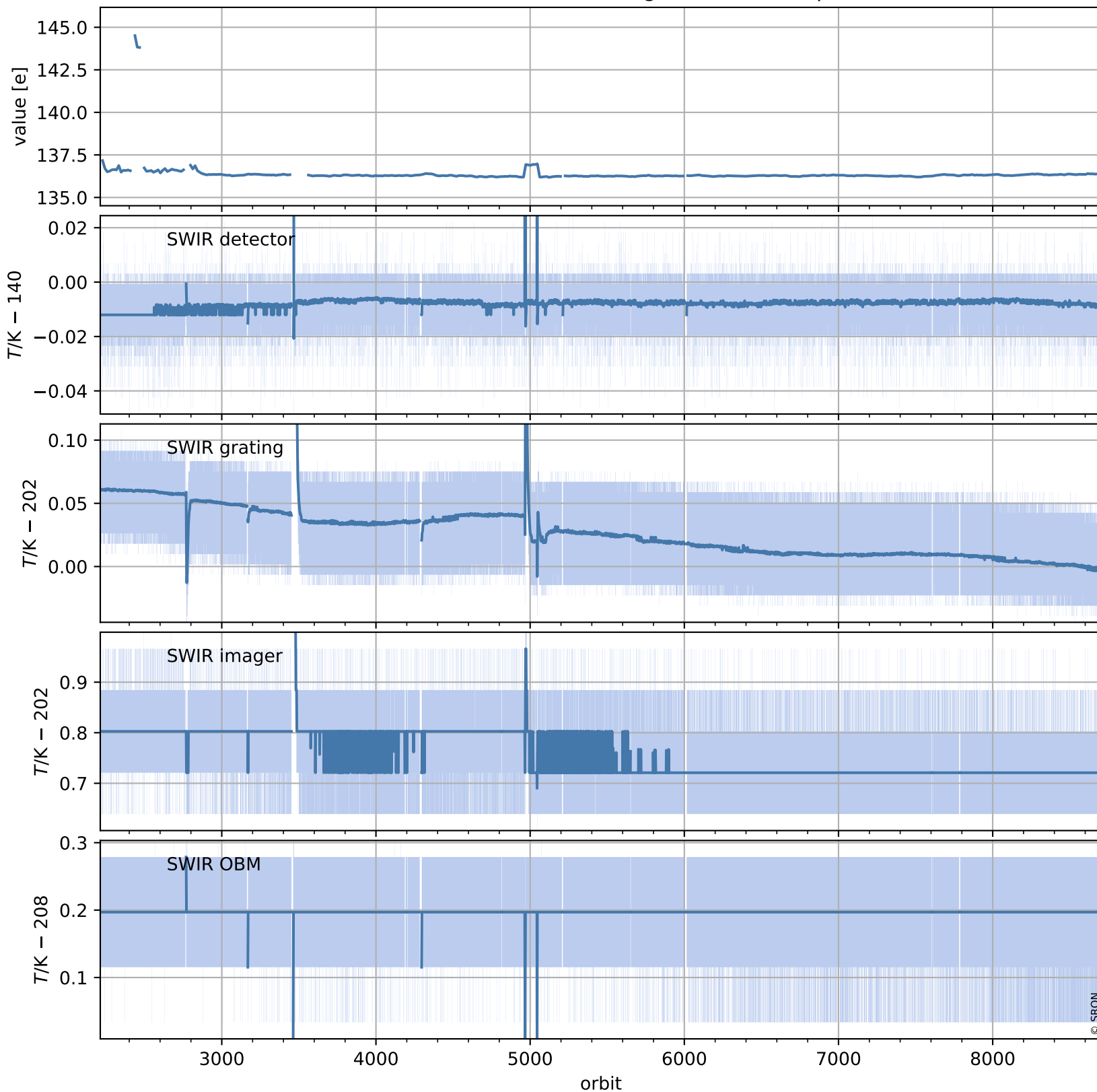
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8707]
coverage : 2018-03-18 / 2019-06-19
created : 2023-08-21T14:58:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8707]
coverage : 2018-03-18 / 2019-06-19
created : 2023-08-21T14:58:33

trend of normalized read-noise & temperatures

