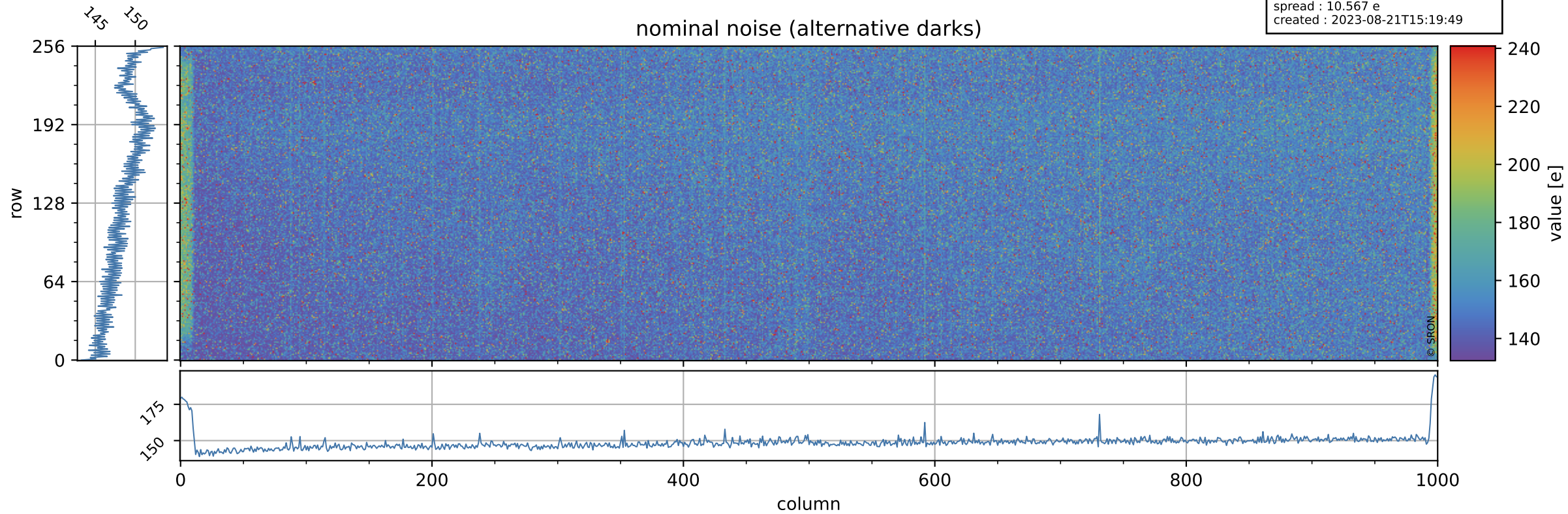


Tropomi SWIR background noise (swir)

orbits : 12 in [11377, 11452]
coverage : 2019-12-23 / 2019-12-29
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.567 e
created : 2023-08-21T15:19:49

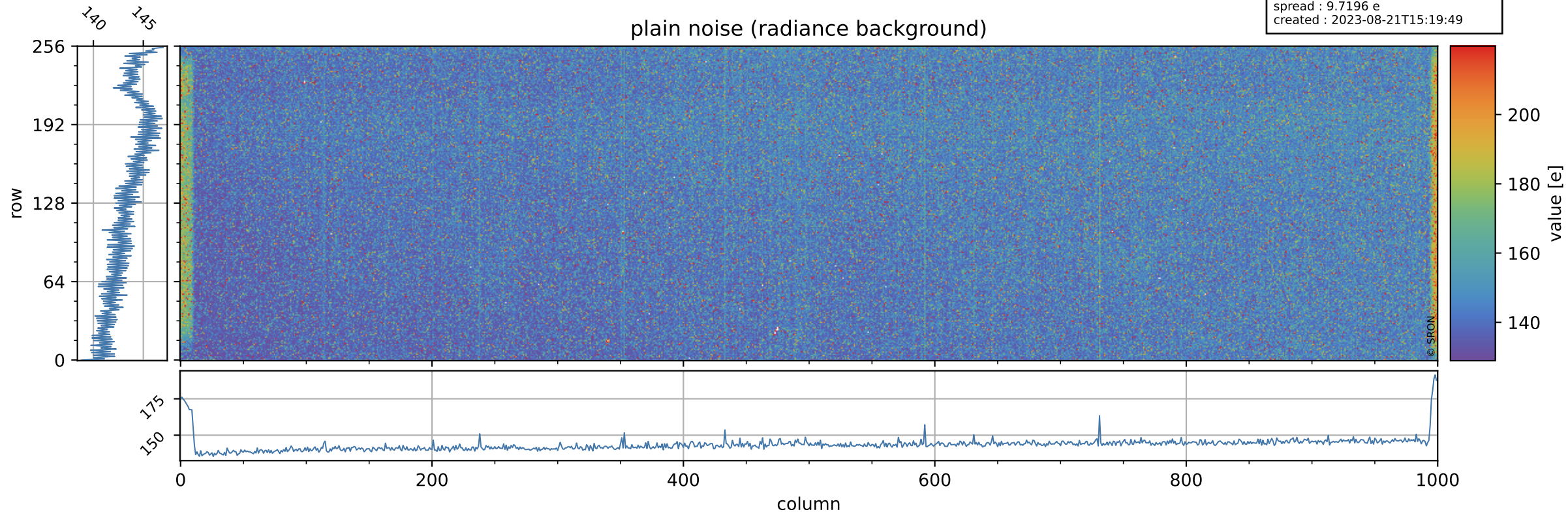
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11377, 11452]
coverage : 2019-12-23 / 2019-12-29
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7196 e
created : 2023-08-21T15:19:49

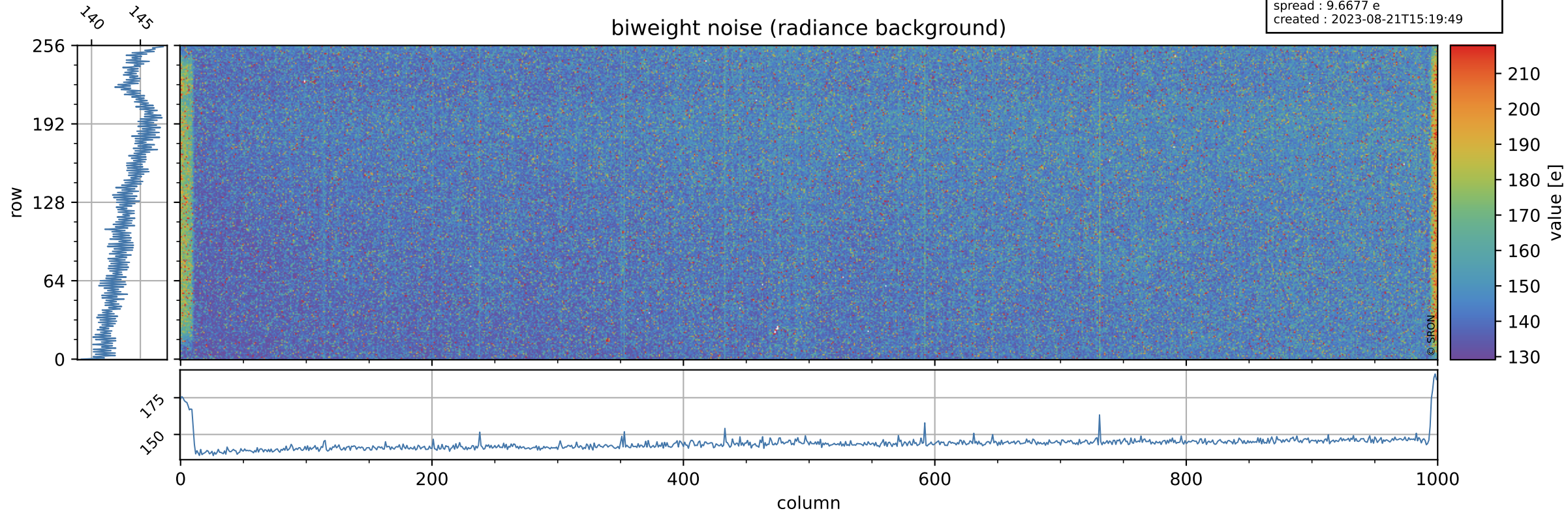
plain noise (radiance background)



Tropomi SWIR background noise (swir)

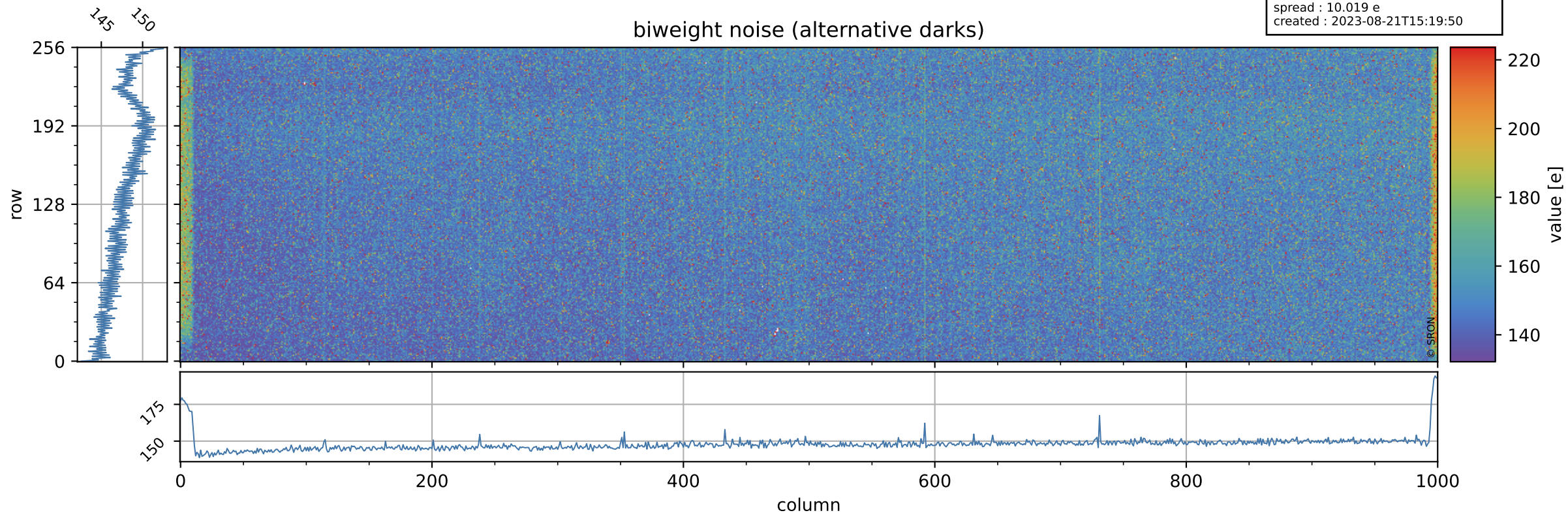
orbits : 12 in [11377, 11452]
coverage : 2019-12-23 / 2019-12-29
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.6677 e
created : 2023-08-21T15:19:49

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

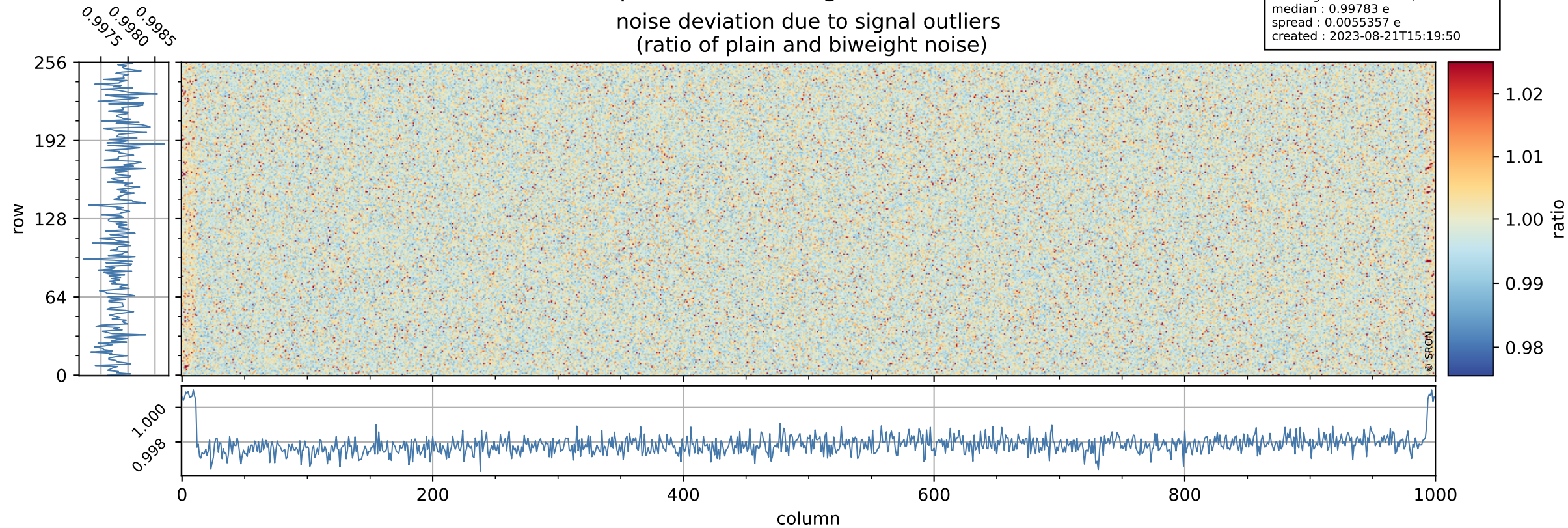
orbits : 12 in [11377, 11452]
coverage : 2019-12-23 / 2019-12-29
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.019 e
created : 2023-08-21T15:19:50



Tropomi SWIR background noise (swir)

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

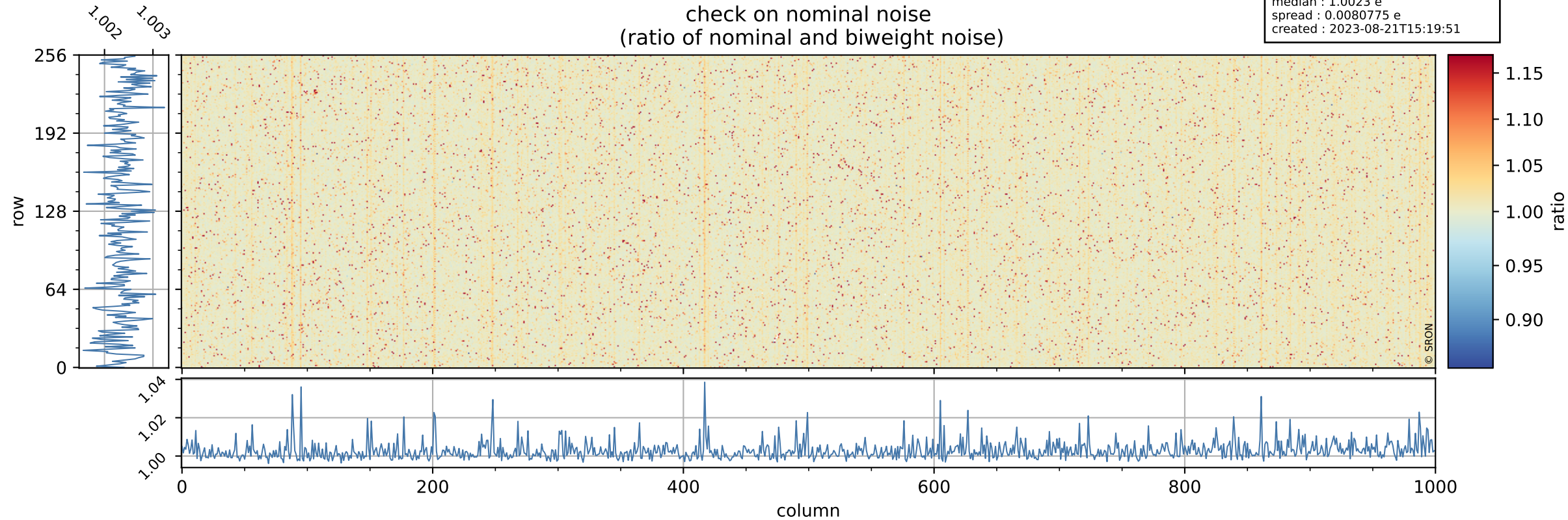
orbits : 12 in [11377, 11452]
coverage : 2019-12-23 / 2019-12-29
median : 0.99783 e
spread : 0.0055357 e
created : 2023-08-21T15:19:50



Tropomi SWIR background noise (swir)

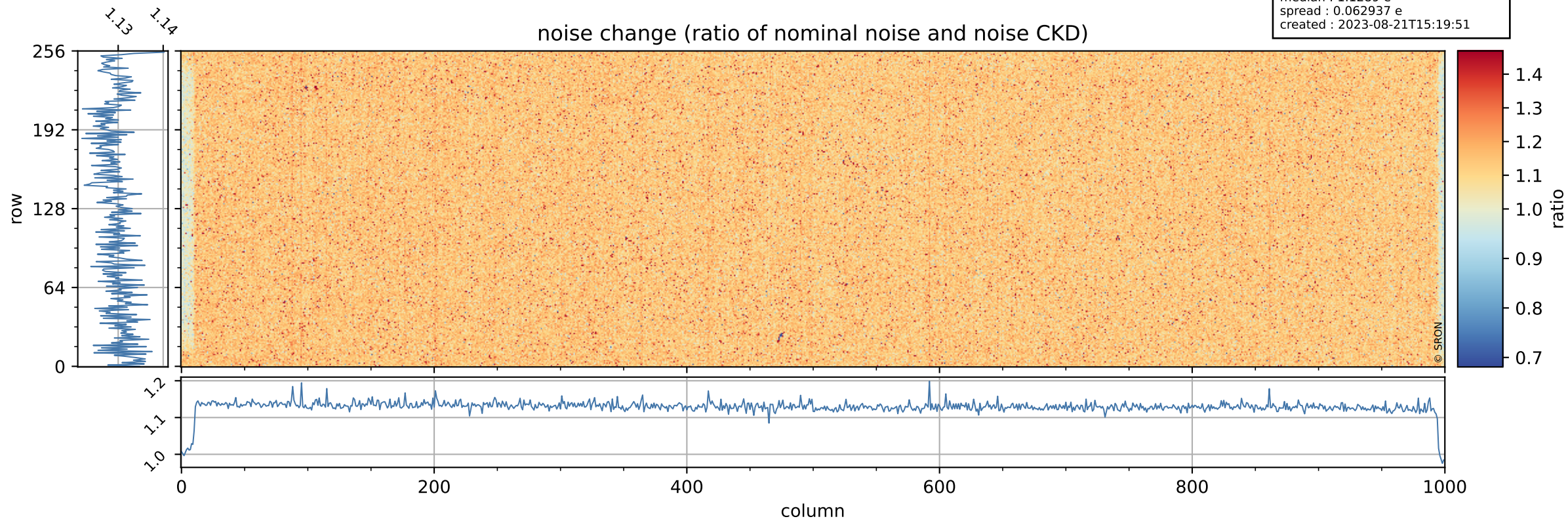
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11377, 11452]
coverage : 2019-12-23 / 2019-12-29
median : 1.0023 e
spread : 0.0080775 e
created : 2023-08-21T15:19:51



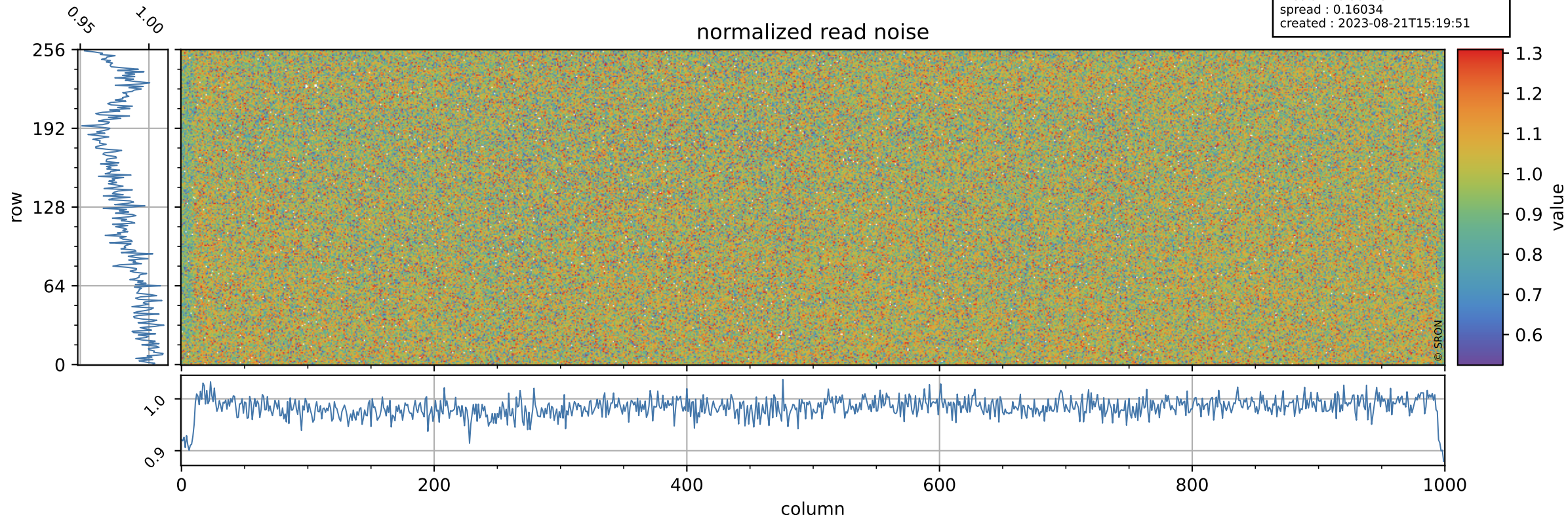
Tropomi SWIR background noise (swir)

orbits : 12 in [11377, 11452]
coverage : 2019-12-23 / 2019-12-29
median : 1.1289 e
spread : 0.062937 e
created : 2023-08-21T15:19:51



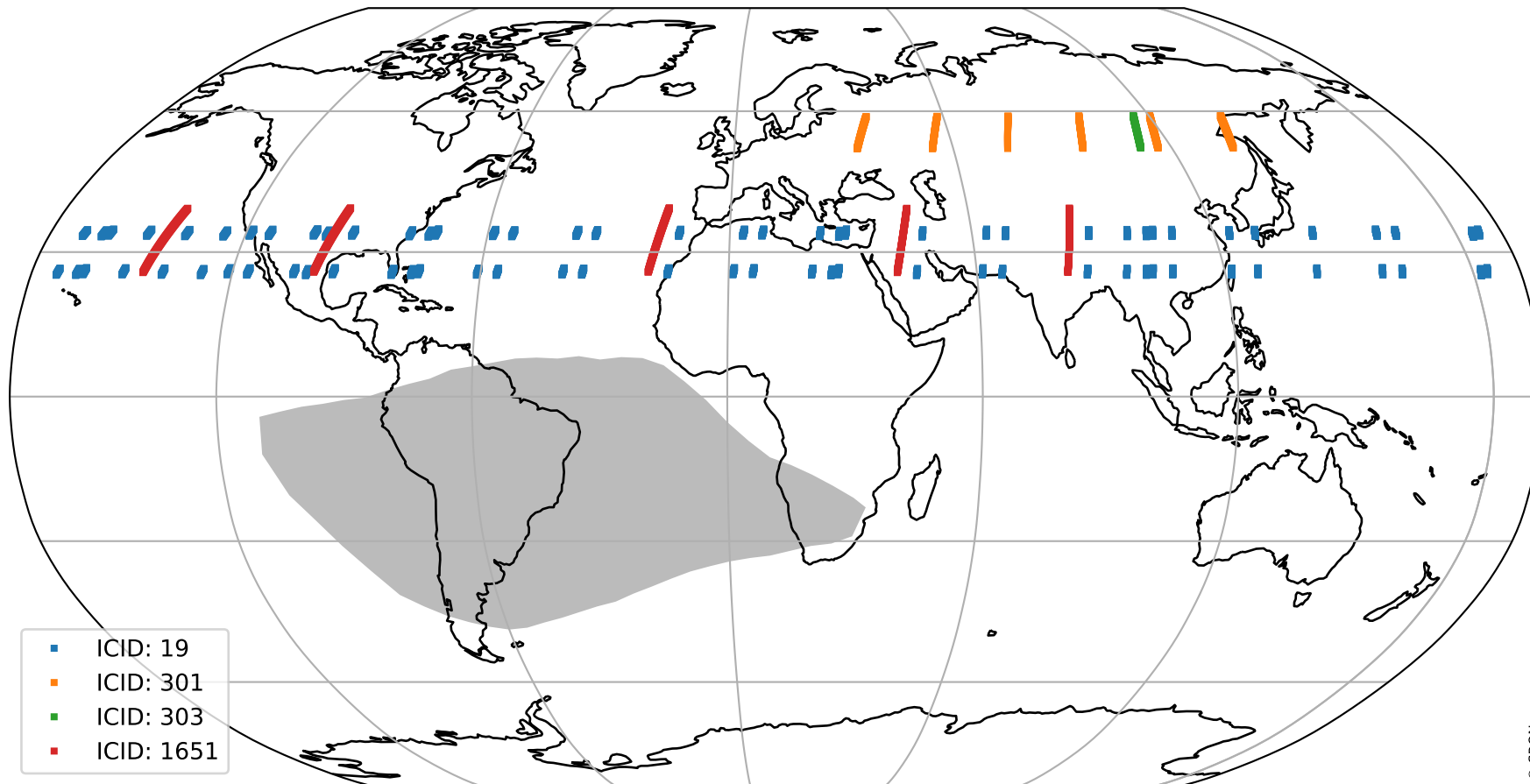
Tropomi SWIR background noise (swir)

orbits : 12 in [11377, 11452]
coverage : 2019-12-23 / 2019-12-29
median : 0.98173
spread : 0.16034
created : 2023-08-21T15:19:51



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

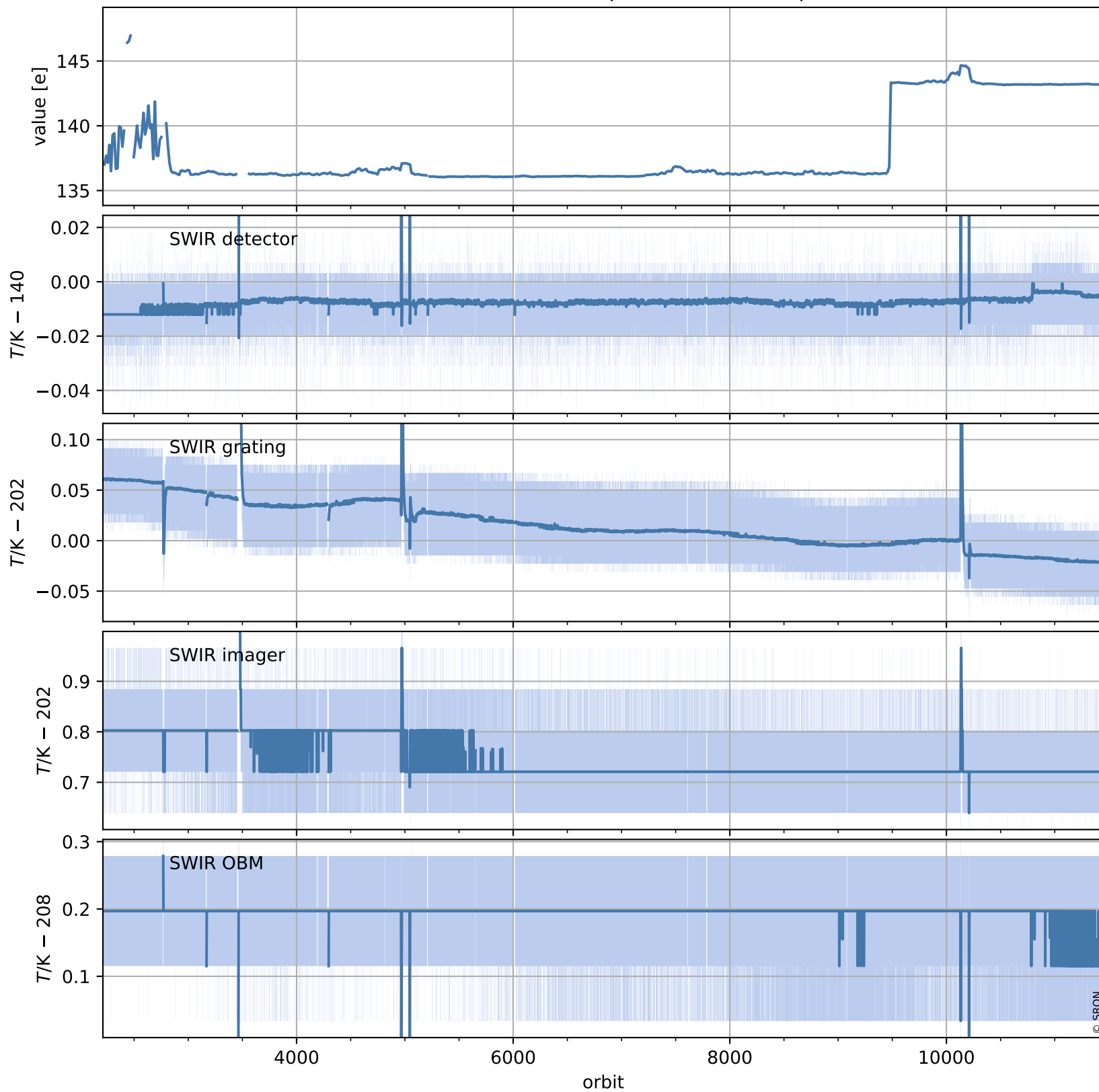
orbits : 12 in [11377, 11452]
coverage : 2019-12-23 / 2019-12-29
created : 2023-08-21T15:19:52



Tropomi SWIR background noise (swir)

orbits : [2212, 11452]
coverage : 2018-03-18 / 2019-12-29
created : 2023-08-21T15:19:52

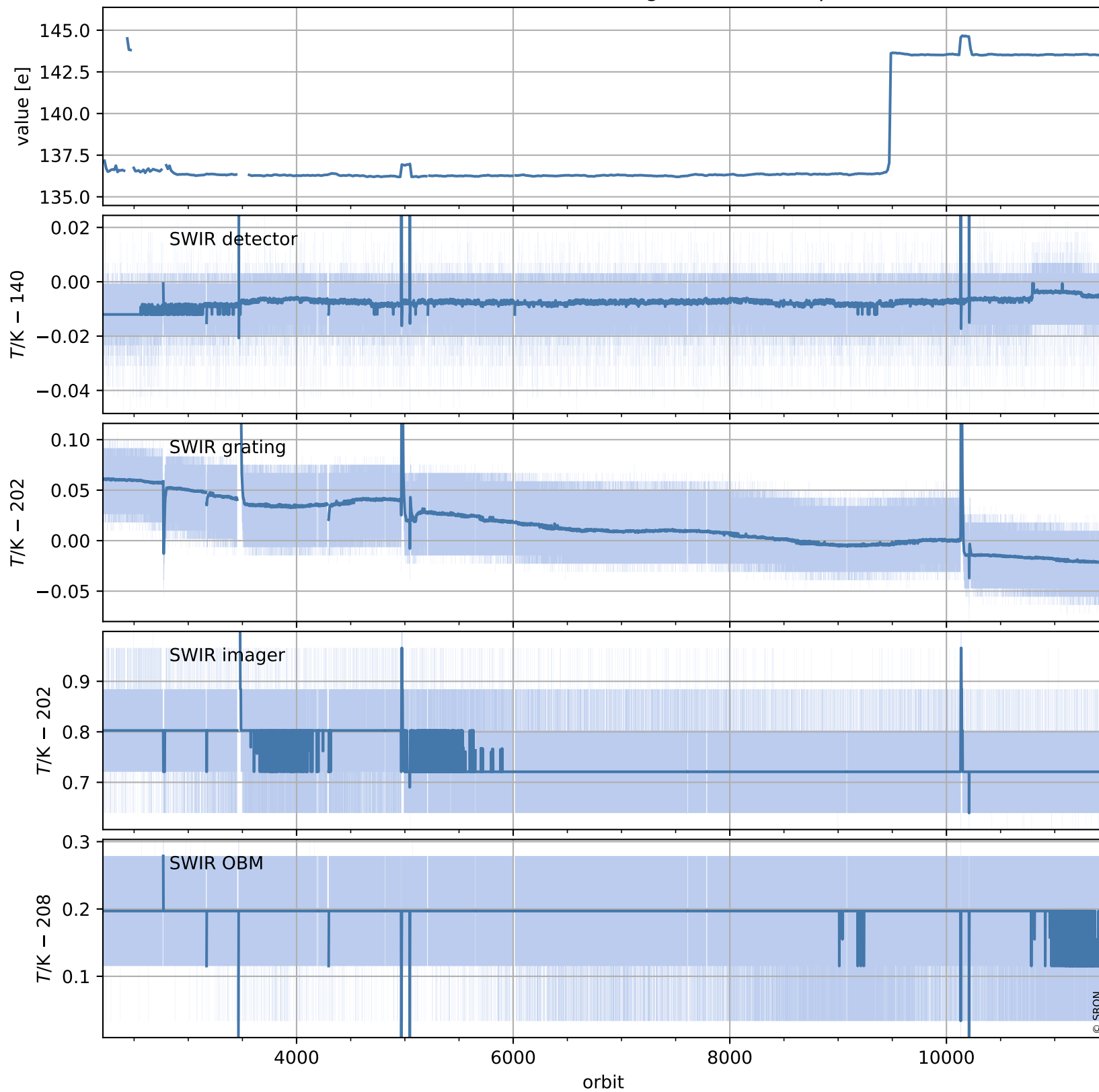
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11452]
coverage : 2018-03-18 / 2019-12-29
created : 2023-08-21T15:19:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11452]
coverage : 2018-03-18 / 2019-12-29
created : 2023-08-21T15:19:54

trend of normalized read-noise & temperatures

