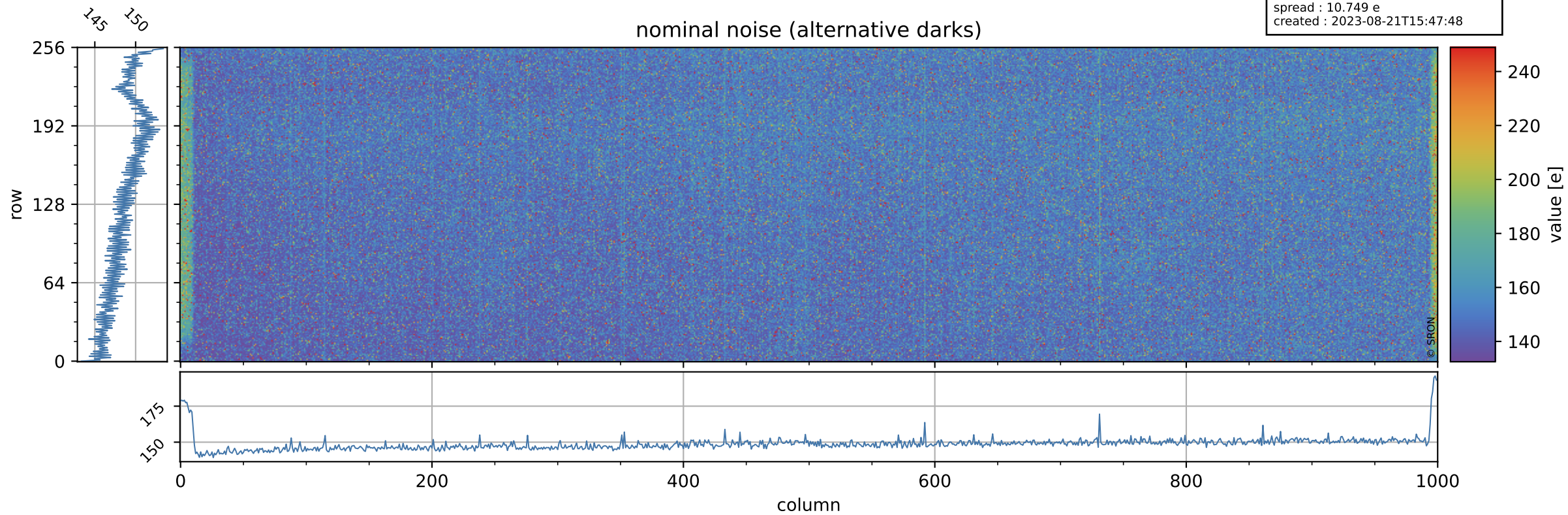


Tropomi SWIR background noise (swir)

orbits : 12 in [16372, 16462]
coverage : 2020-12-10 / 2020-12-16
n_coad, t_exp : 1, 1.0783
median : 148.56 e
spread : 10.749 e
created : 2023-08-21T15:47:48

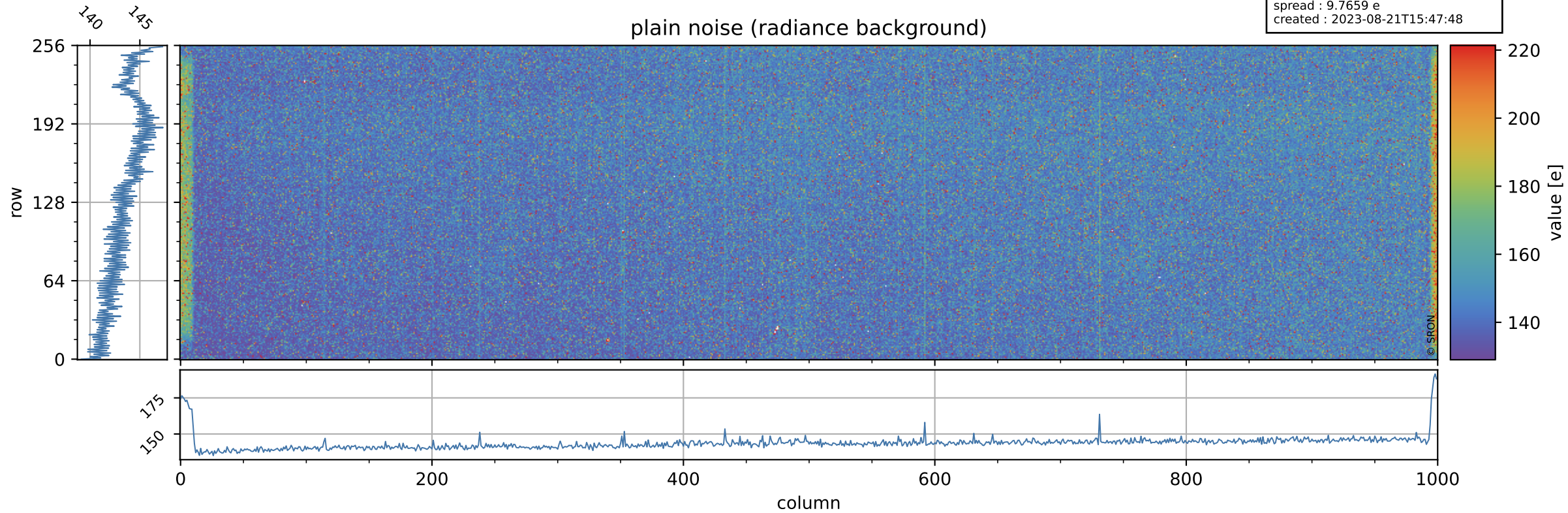
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16372, 16462]
coverage : 2020-12-10 / 2020-12-16
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7659 e
created : 2023-08-21T15:47:48

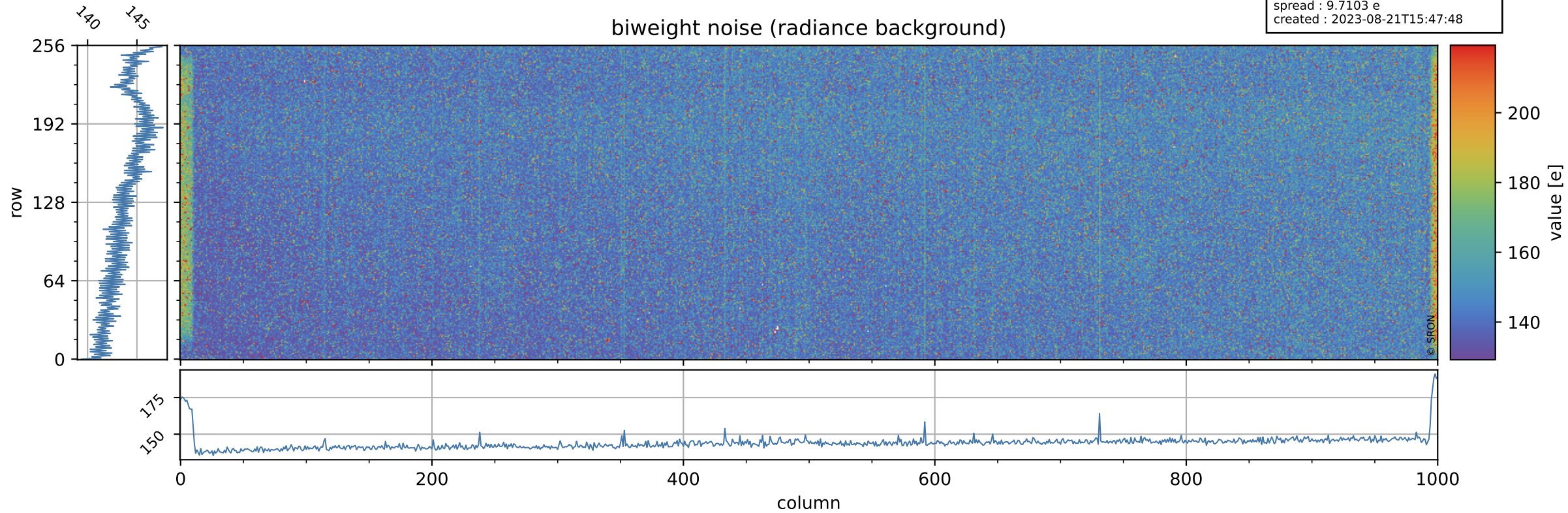
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16372, 16462]
coverage : 2020-12-10 / 2020-12-16
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.7103 e
created : 2023-08-21T15:47:48

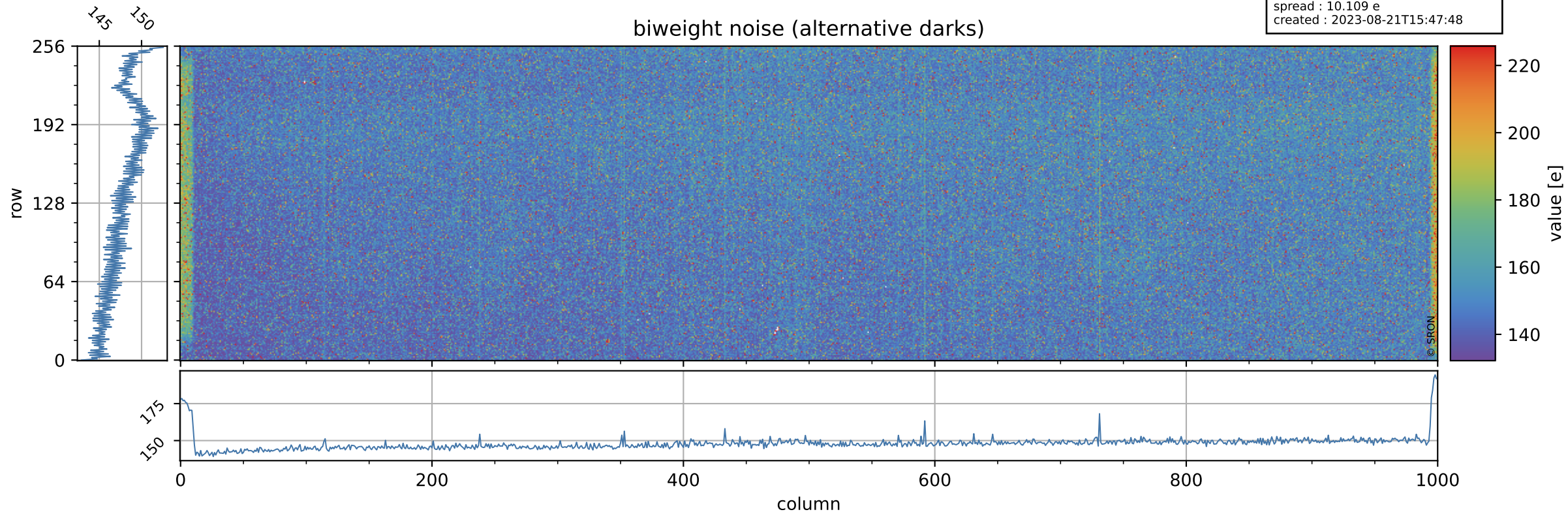
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16372, 16462]
coverage : 2020-12-10 / 2020-12-16
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.109 e
created : 2023-08-21T15:47:48

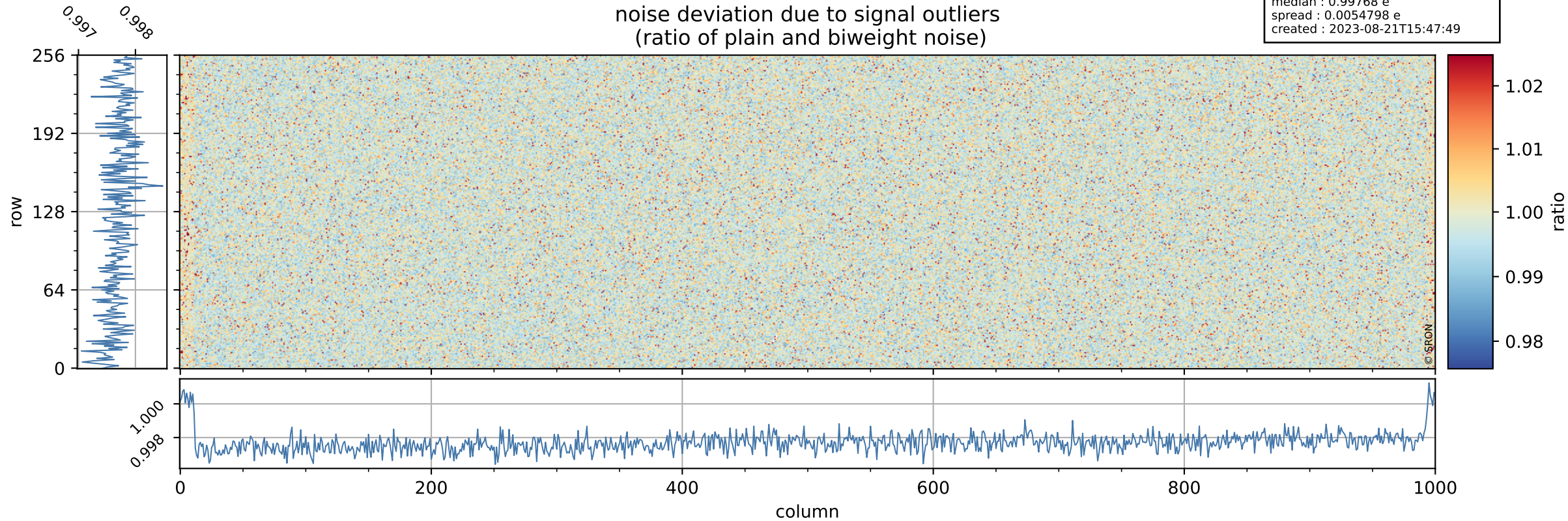
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

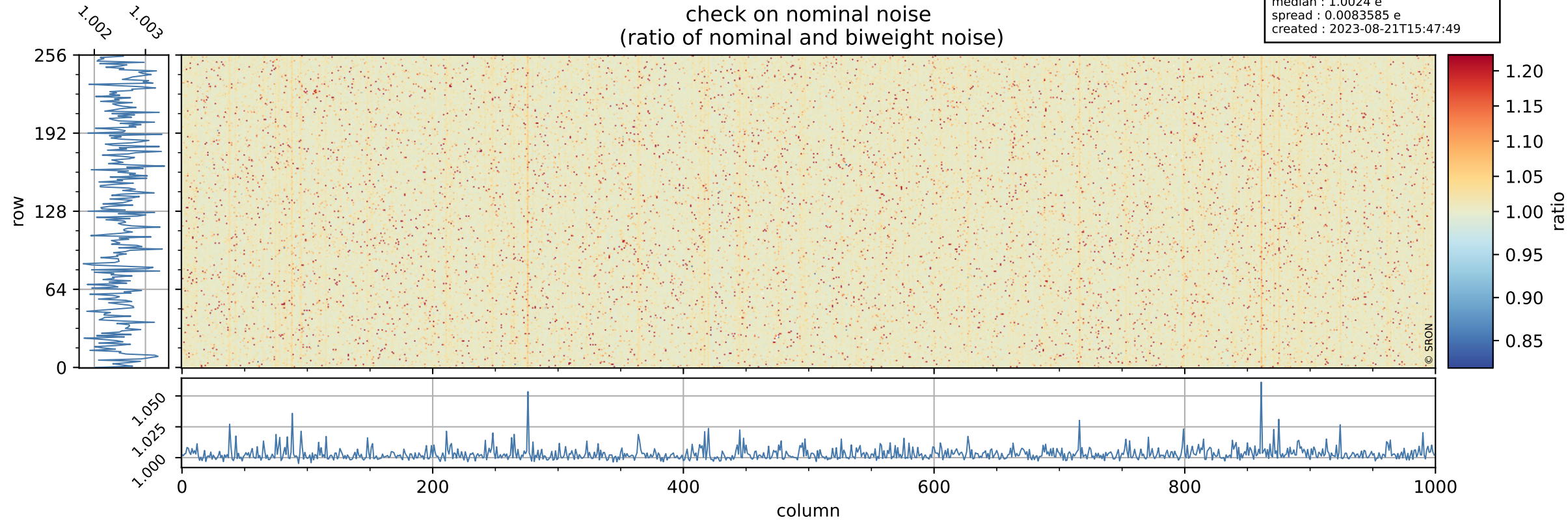
orbits : 12 in [16372, 16462]
coverage : 2020-12-10 / 2020-12-16
median : 0.99768 e
spread : 0.0054798 e
created : 2023-08-21T15:47:49



Tropomi SWIR background noise (swir)

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

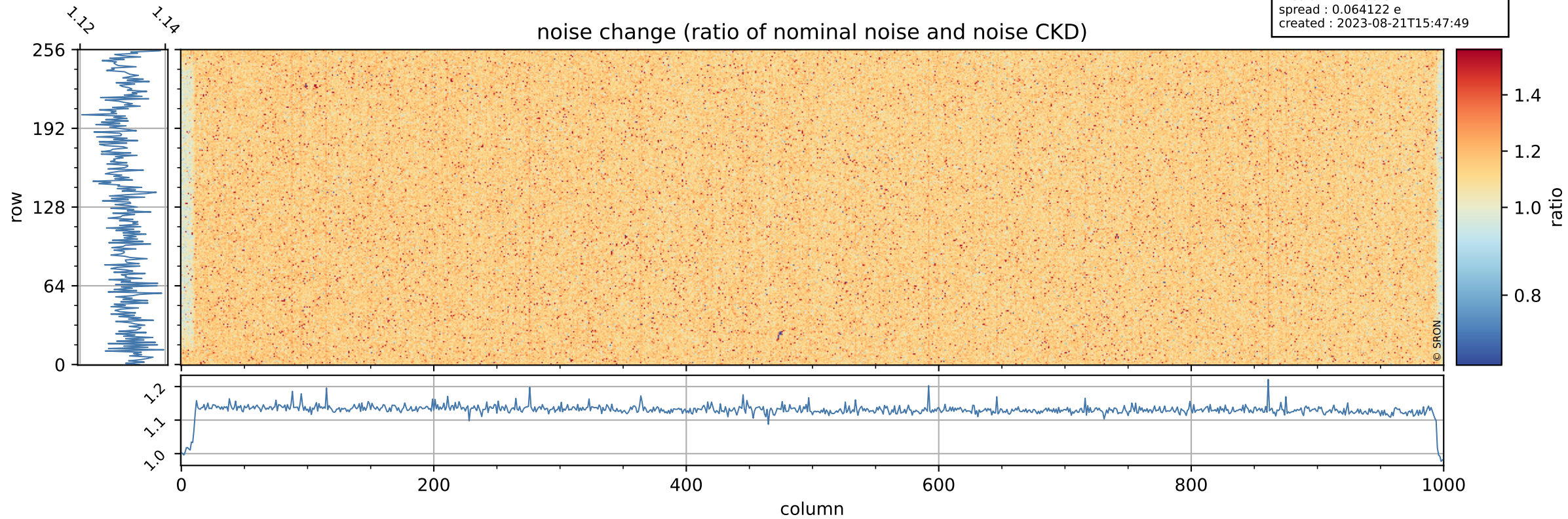
orbits : 12 in [16372, 16462]
coverage : 2020-12-10 / 2020-12-16
median : 1.0024 e
spread : 0.0083585 e
created : 2023-08-21T15:47:49



Tropomi SWIR background noise (swir)

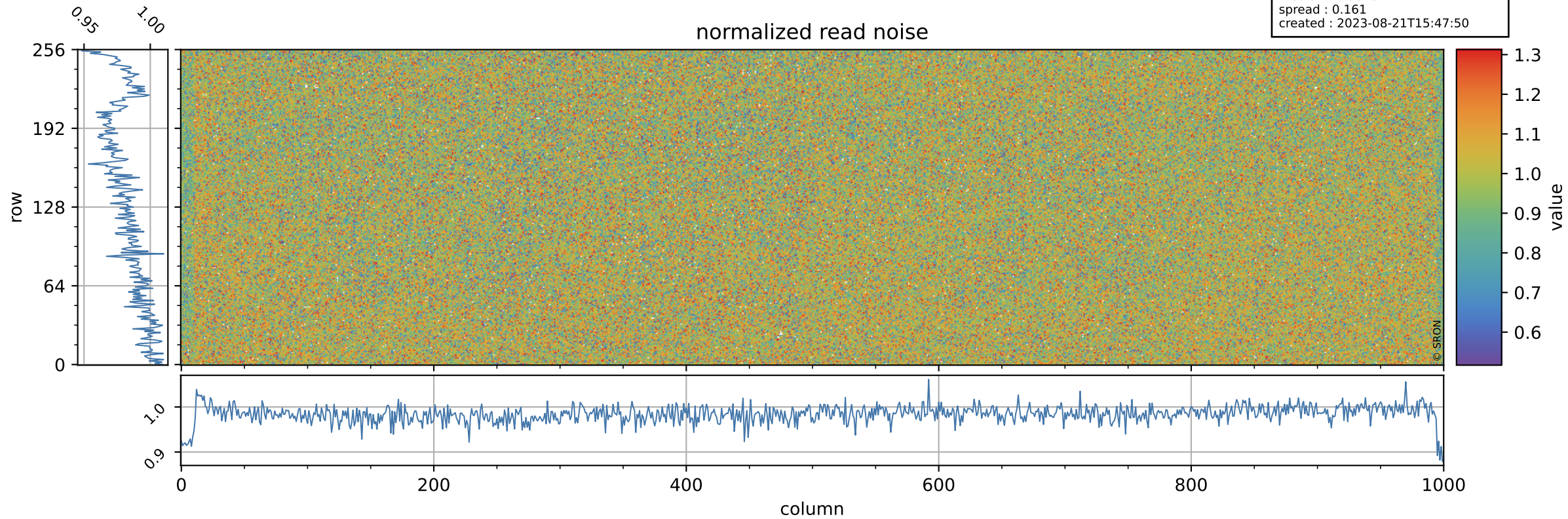
orbits : 12 in [16372, 16462]
coverage : 2020-12-10 / 2020-12-16
median : 1.1296 e
spread : 0.064122 e
created : 2023-08-21T15:47:49

noise change (ratio of nominal noise and noise CKD)



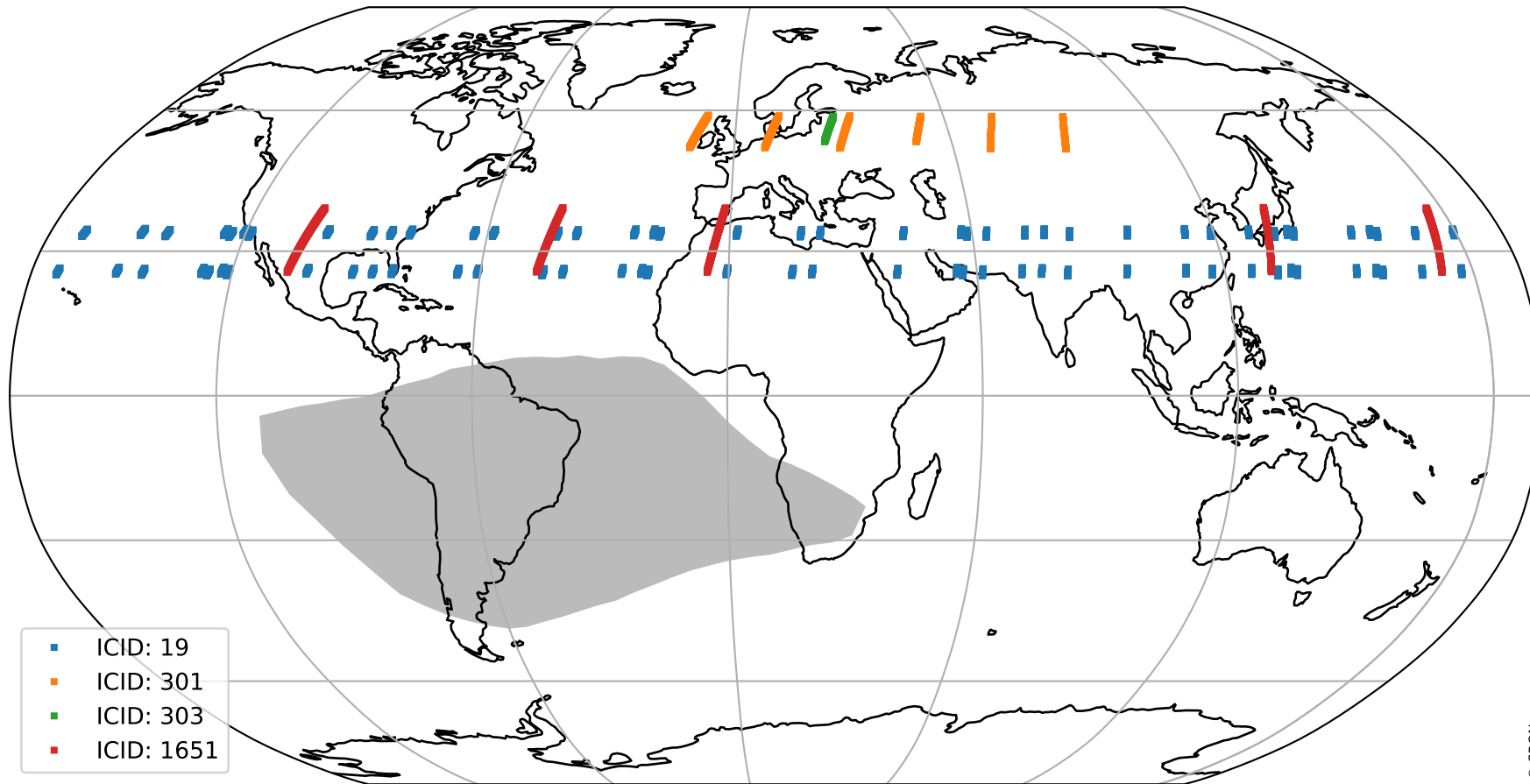
Tropomi SWIR background noise (swir)

orbits : 12 in [16372, 16462]
coverage : 2020-12-10 / 2020-12-16
median : 0.98252
spread : 0.161
created : 2023-08-21T15:47:50



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

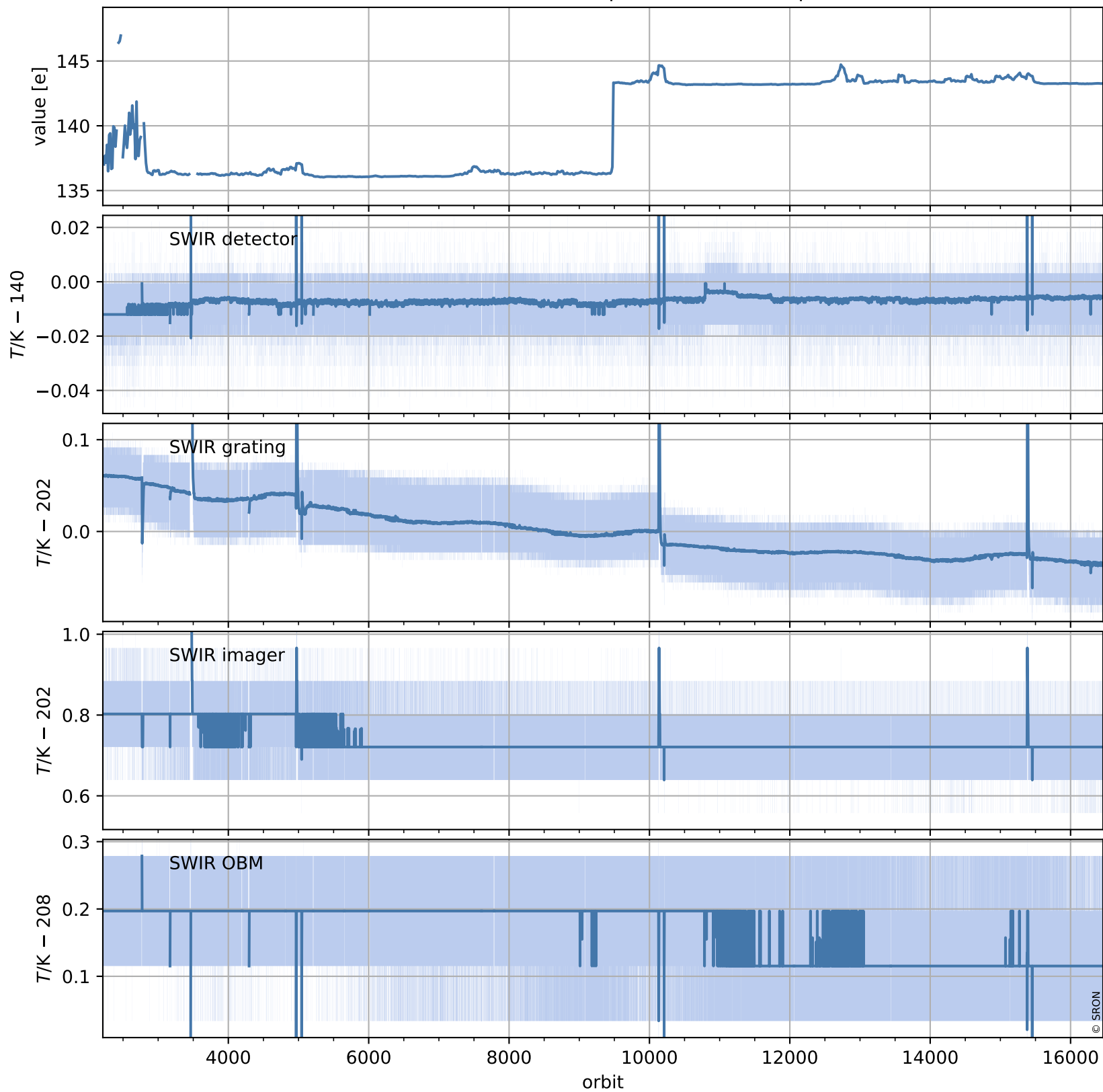
orbits : 12 in [16372, 16462]
coverage : 2020-12-10 / 2020-12-16
created : 2023-08-21T15:47:50



Tropomi SWIR background noise (swir)

orbits : [2212, 16462]
coverage : 2018-03-18 / 2020-12-16
created : 2023-08-21T15:47:50

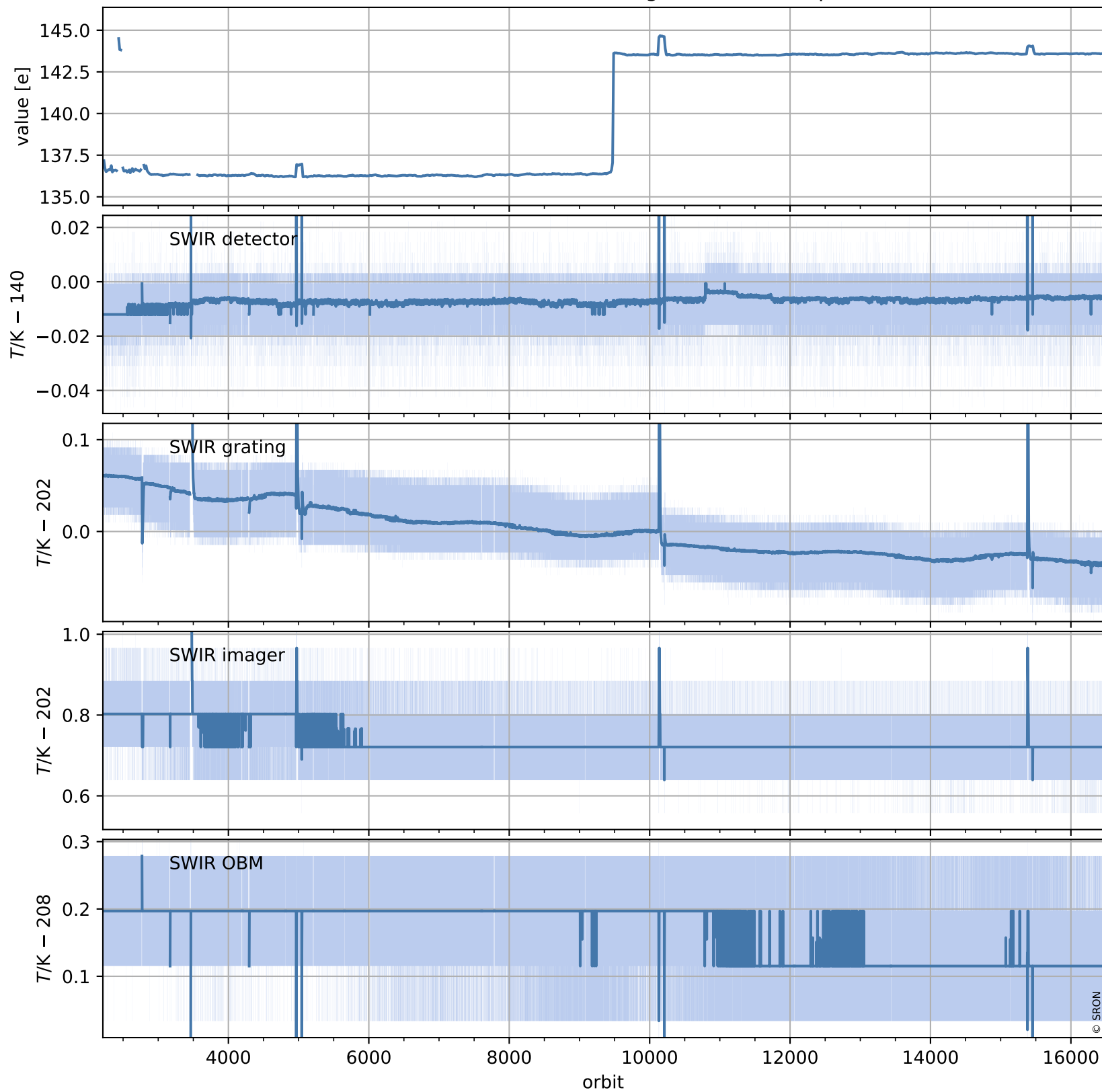
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16462]
coverage : 2018-03-18 / 2020-12-16
created : 2023-08-21T15:47:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16462]
coverage : 2018-03-18 / 2020-12-16
created : 2023-08-21T15:47:52

trend of normalized read-noise & temperatures

