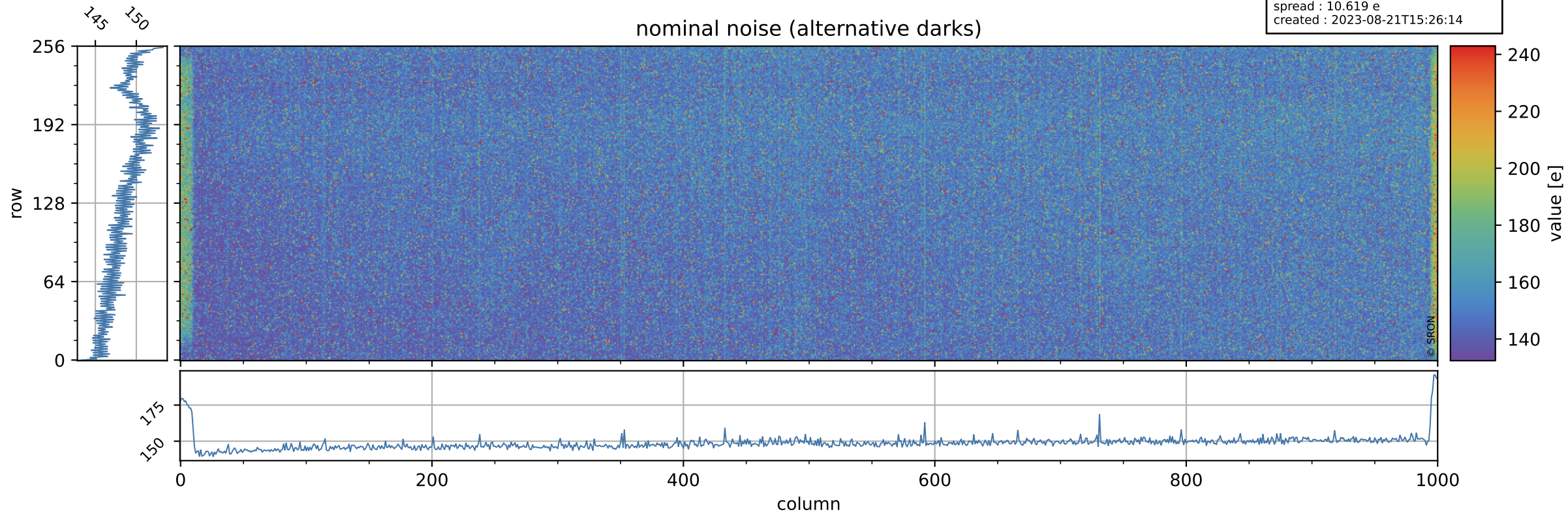


Tropomi SWIR background noise (swir)

orbits : 12 in [12457, 12532]
coverage : 2020-03-08 / 2020-03-14
n_coad, t_exp : 1, 1.0783
median : 148.45 e
spread : 10.619 e
created : 2023-08-21T15:26:14

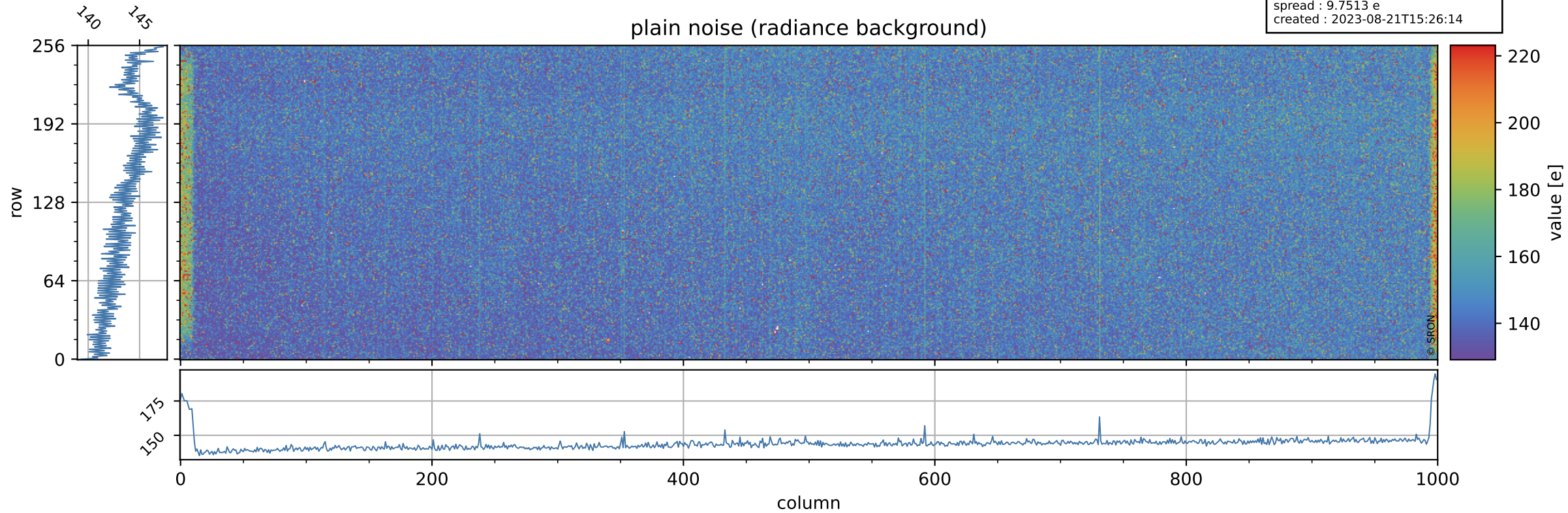
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12457, 12532]
coverage : 2020-03-08 / 2020-03-14
n_coad, t_exp : 1, 0.8383
median : 143.55 e
spread : 9.7513 e
created : 2023-08-21T15:26:14

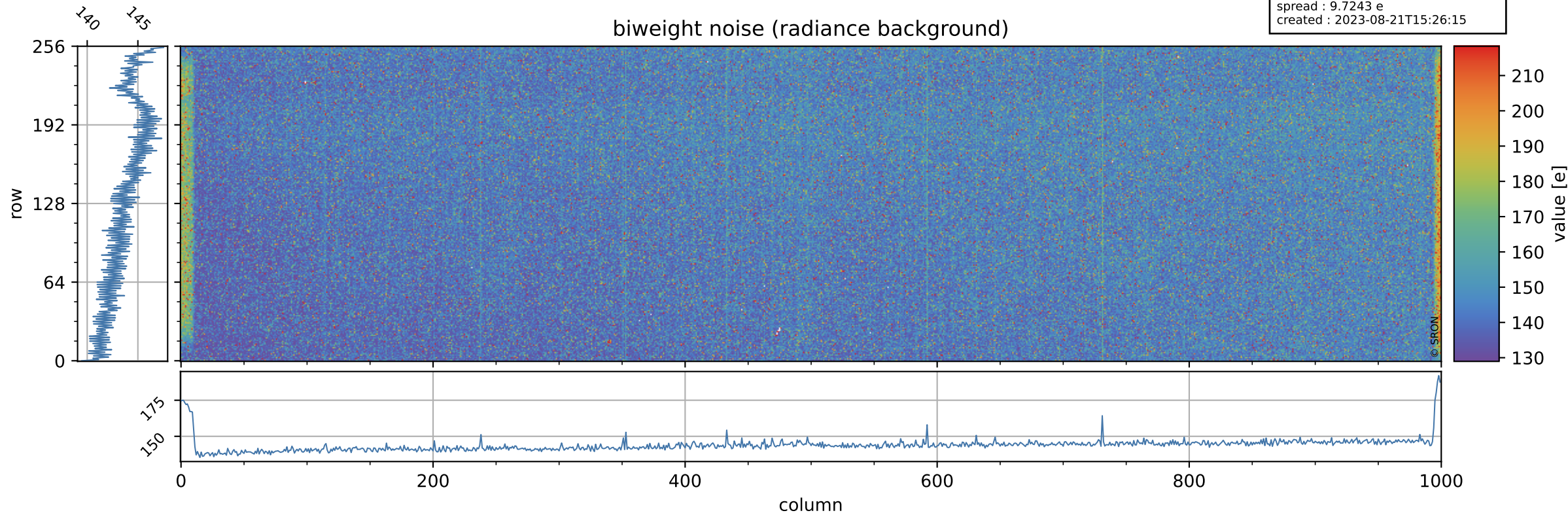
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12457, 12532]
coverage : 2020-03-08 / 2020-03-14
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.7243 e
created : 2023-08-21T15:26:15

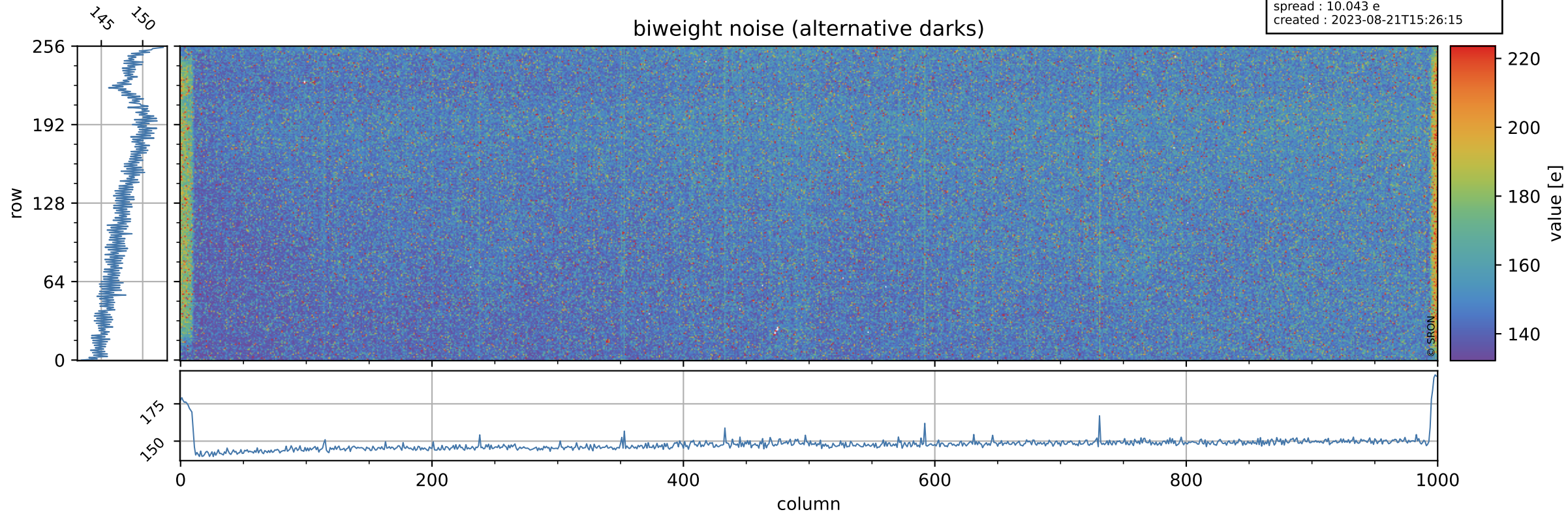
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12457, 12532]
coverage : 2020-03-08 / 2020-03-14
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.043 e
created : 2023-08-21T15:26:15

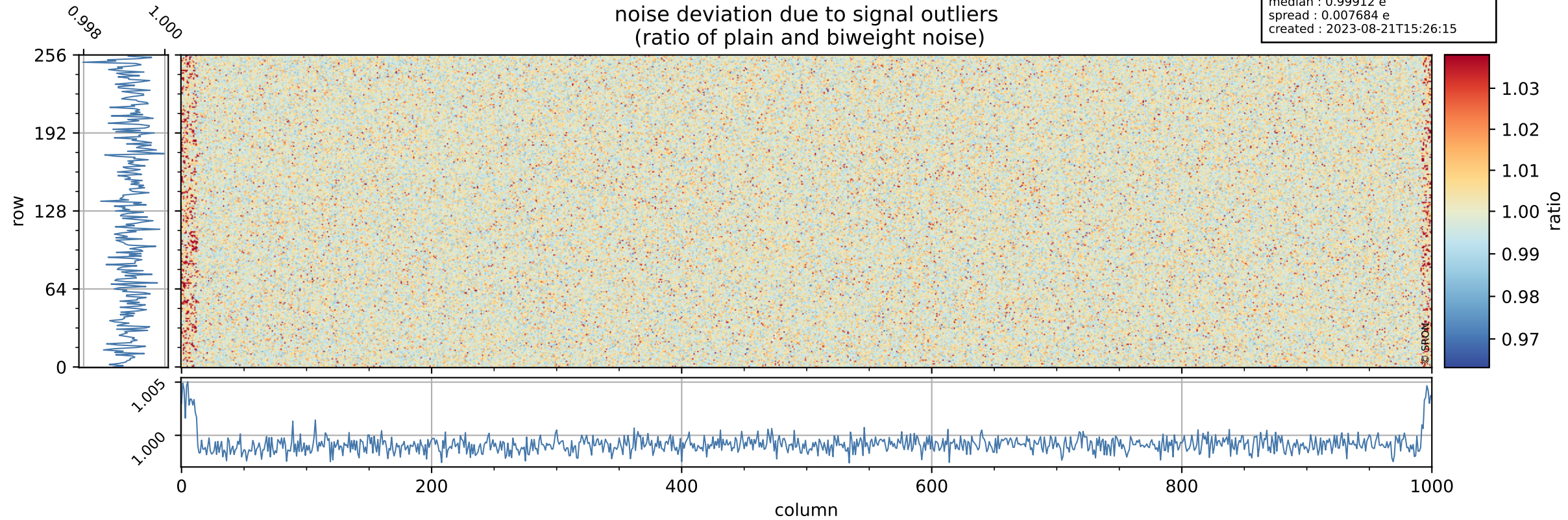
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

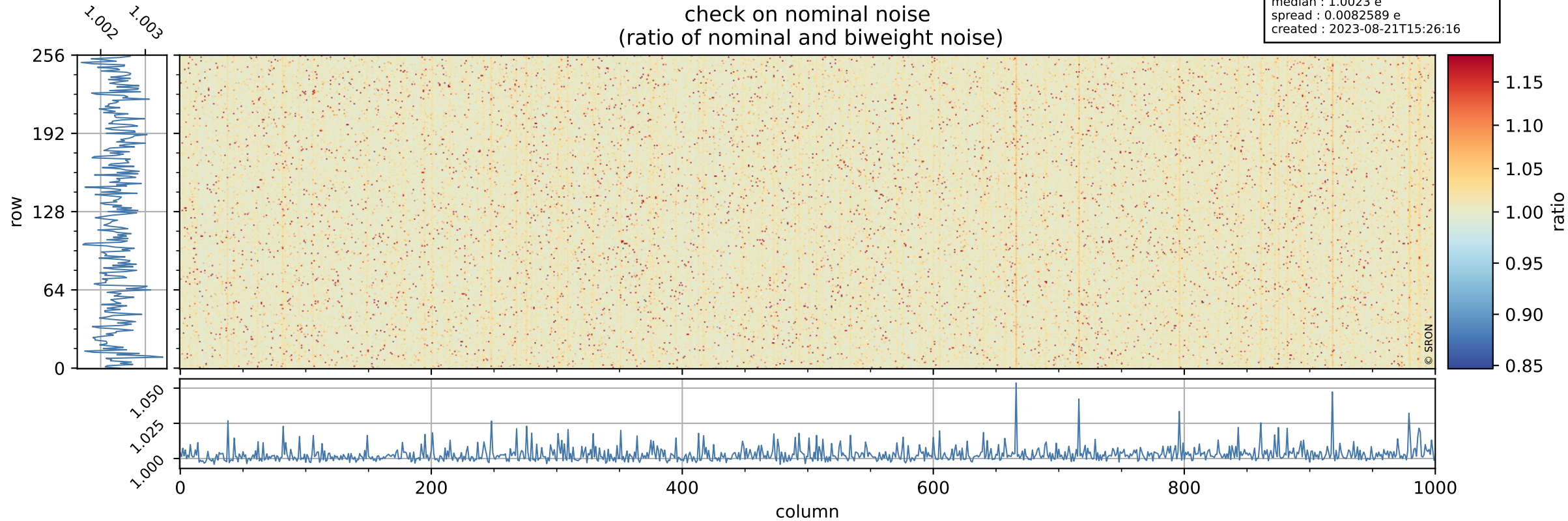
orbits : 12 in [12457, 12532]
coverage : 2020-03-08 / 2020-03-14
median : 0.99912 e
spread : 0.007684 e
created : 2023-08-21T15:26:15



Tropomi SWIR background noise (swir)

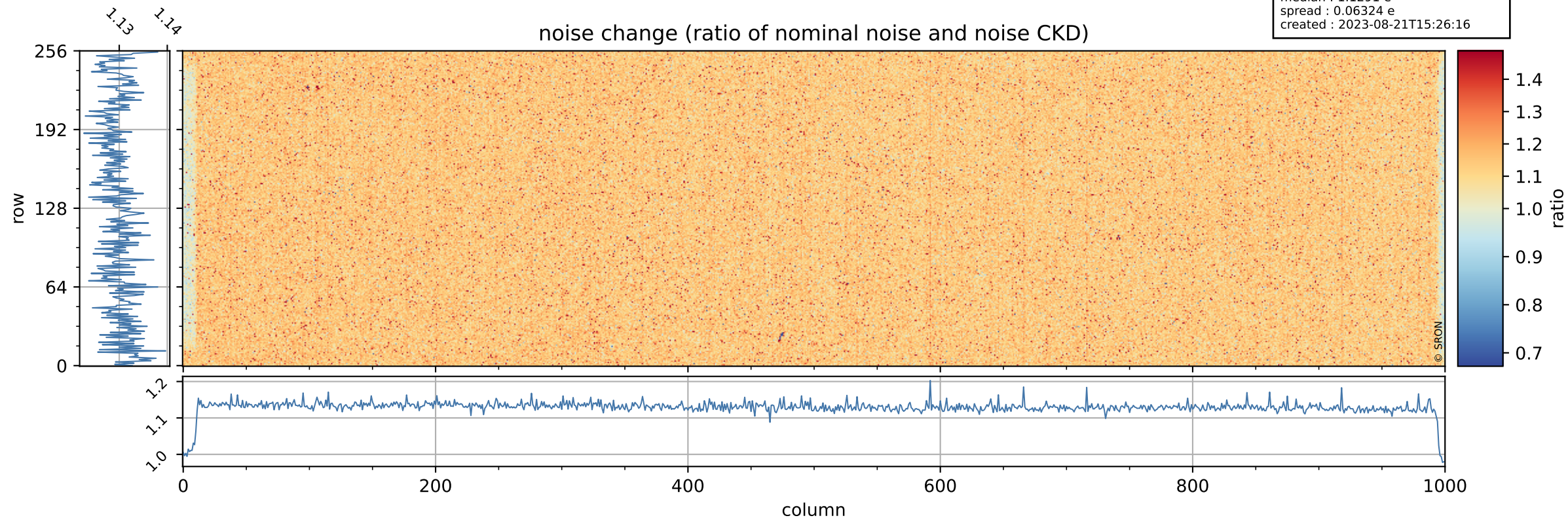
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12457, 12532]
coverage : 2020-03-08 / 2020-03-14
median : 1.0023 e
spread : 0.0082589 e
created : 2023-08-21T15:26:16



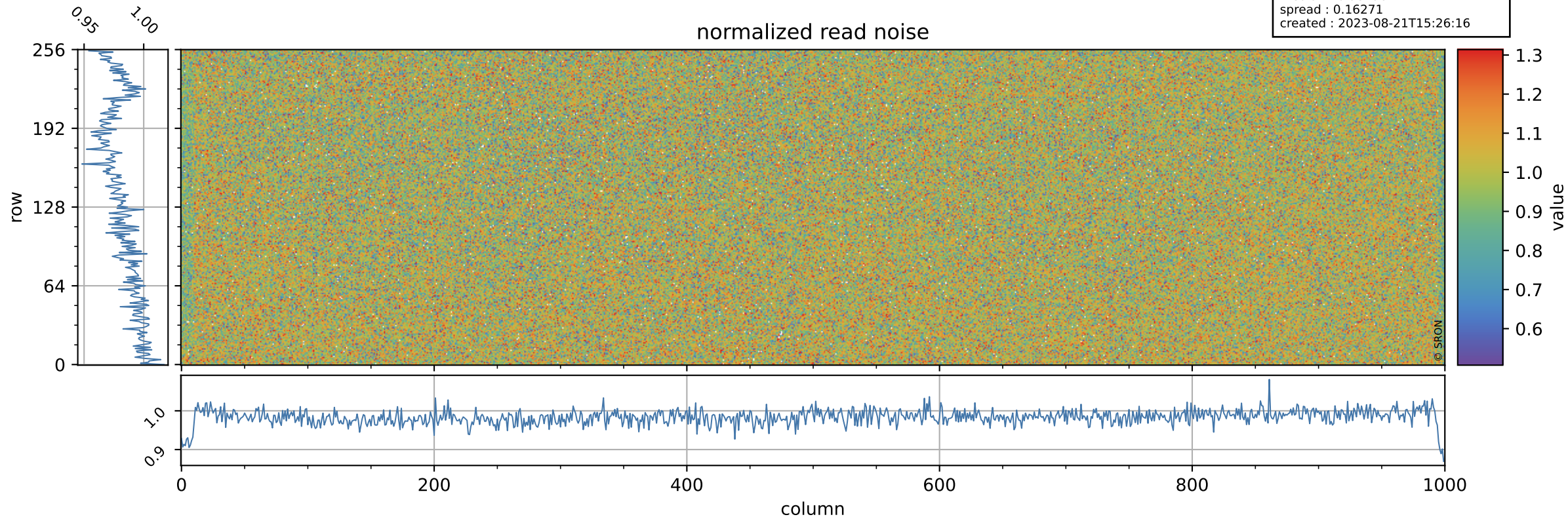
Tropomi SWIR background noise (swir)

orbits : 12 in [12457, 12532]
coverage : 2020-03-08 / 2020-03-14
median : 1.1291 e
spread : 0.06324 e
created : 2023-08-21T15:26:16



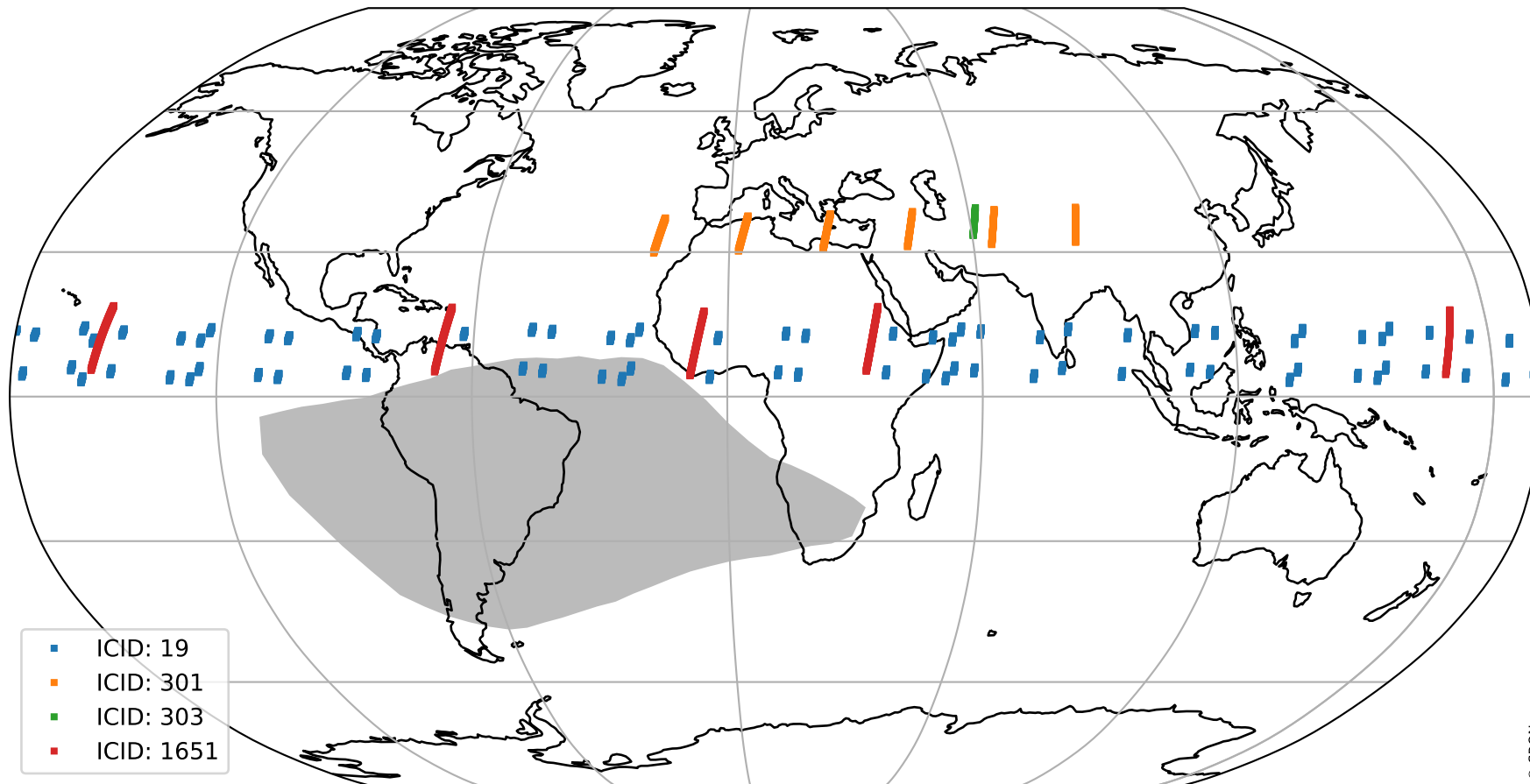
Tropomi SWIR background noise (swir)

orbits : 12 in [12457, 12532]
coverage : 2020-03-08 / 2020-03-14
median : 0.98196
spread : 0.16271
created : 2023-08-21T15:26:16



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

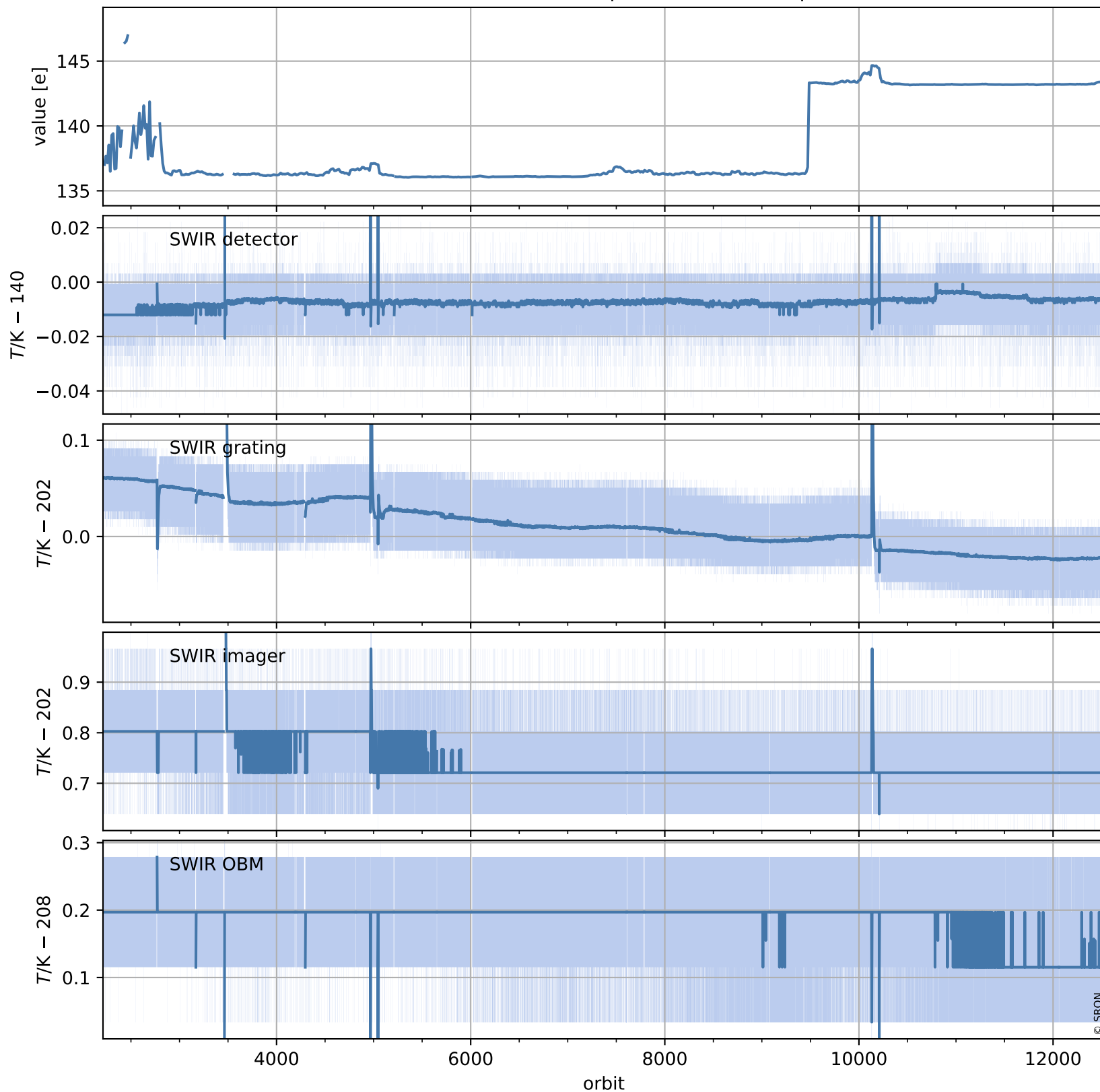
orbits : 12 in [12457, 12532]
coverage : 2020-03-08 / 2020-03-14
created : 2023-08-21T15:26:17



Tropomi SWIR background noise (swir)

orbits : [2212, 12532]
coverage : 2018-03-18 / 2020-03-14
created : 2023-08-21T15:26:17

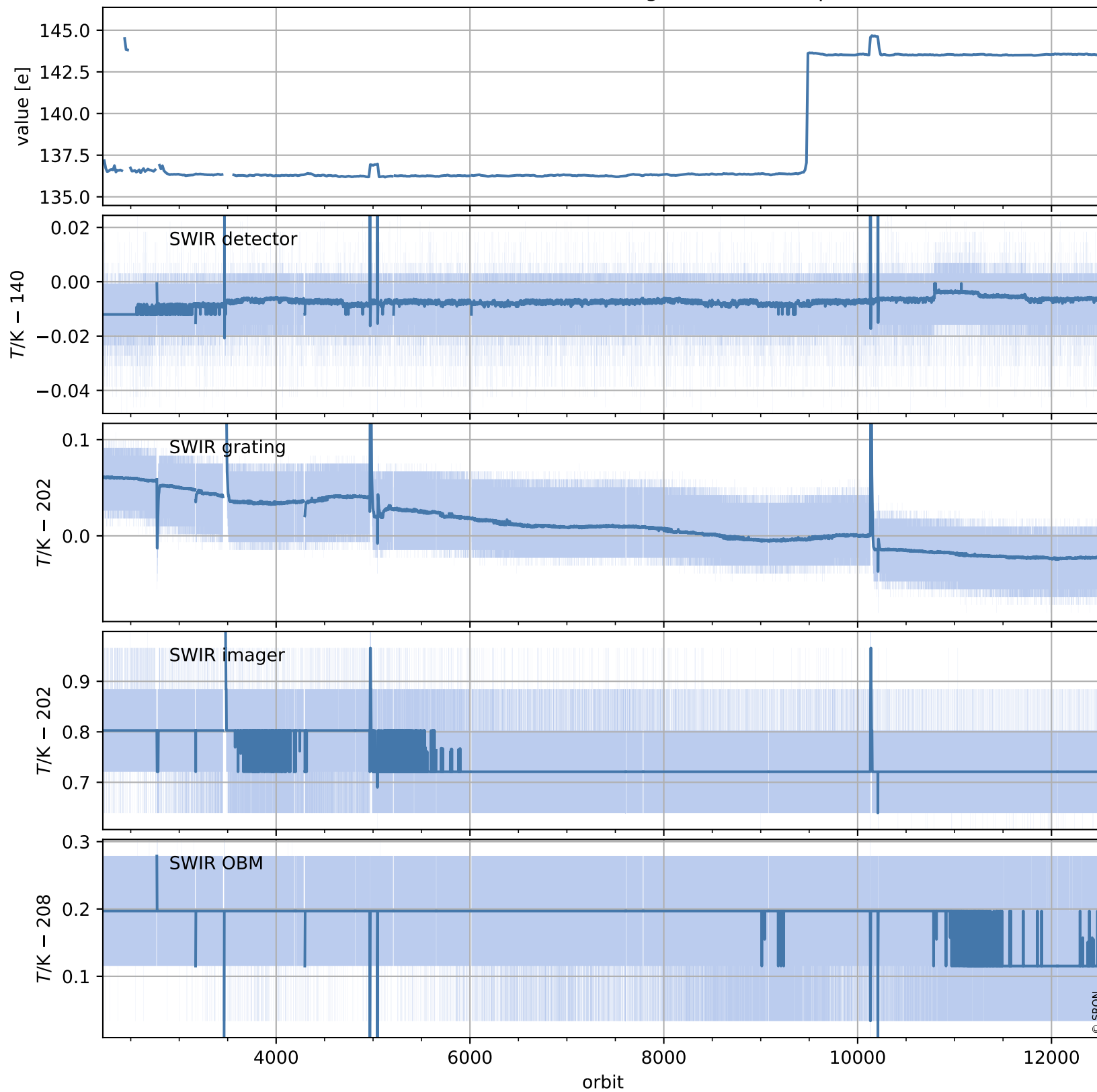
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12532]
coverage : 2018-03-18 / 2020-03-14
created : 2023-08-21T15:26:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12532]
coverage : 2018-03-18 / 2020-03-14
created : 2023-08-21T15:26:18

trend of normalized read-noise & temperatures

