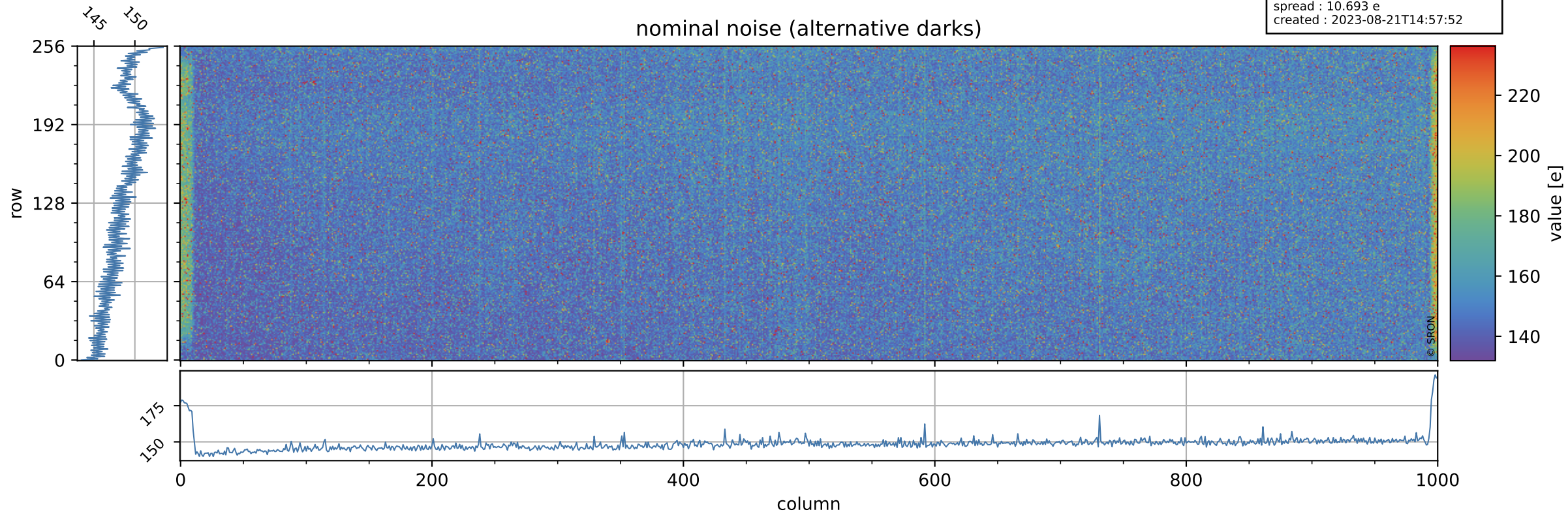


Tropomi SWIR background noise (swir)

orbits : 13 in [8542, 8632]
coverage : 2019-06-07 / 2019-06-13
n_coad, t_exp : 1, 1.0783
median : 148.37 e
spread : 10.693 e
created : 2023-08-21T14:57:52

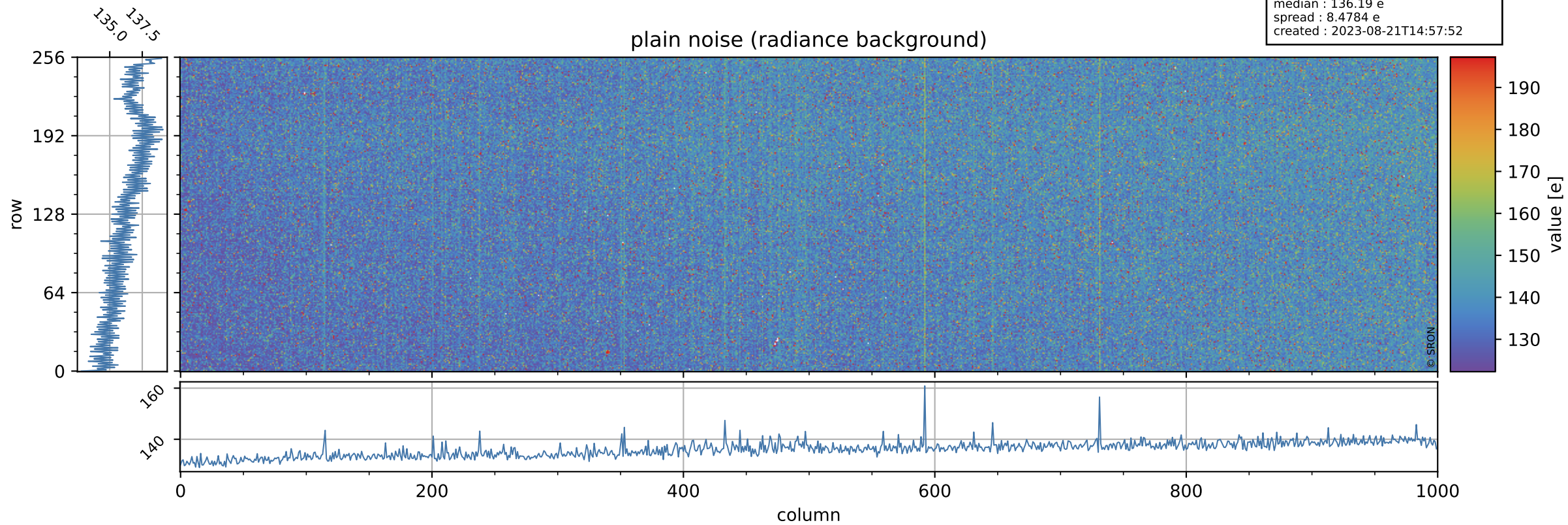
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [8542, 8632]
coverage : 2019-06-07 / 2019-06-13
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.4784 e
created : 2023-08-21T14:57:52

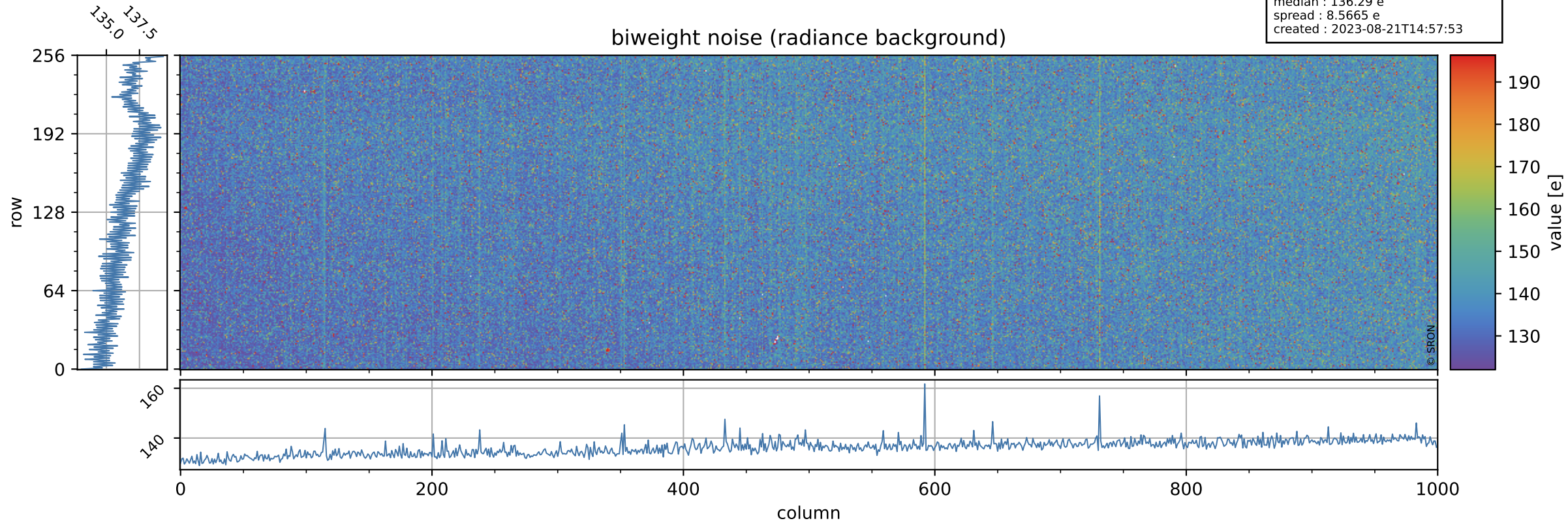
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8542, 8632]
coverage : 2019-06-07 / 2019-06-13
n_coad, t_exp : 2, 0.5383
median : 136.29 e
spread : 8.5665 e
created : 2023-08-21T14:57:53

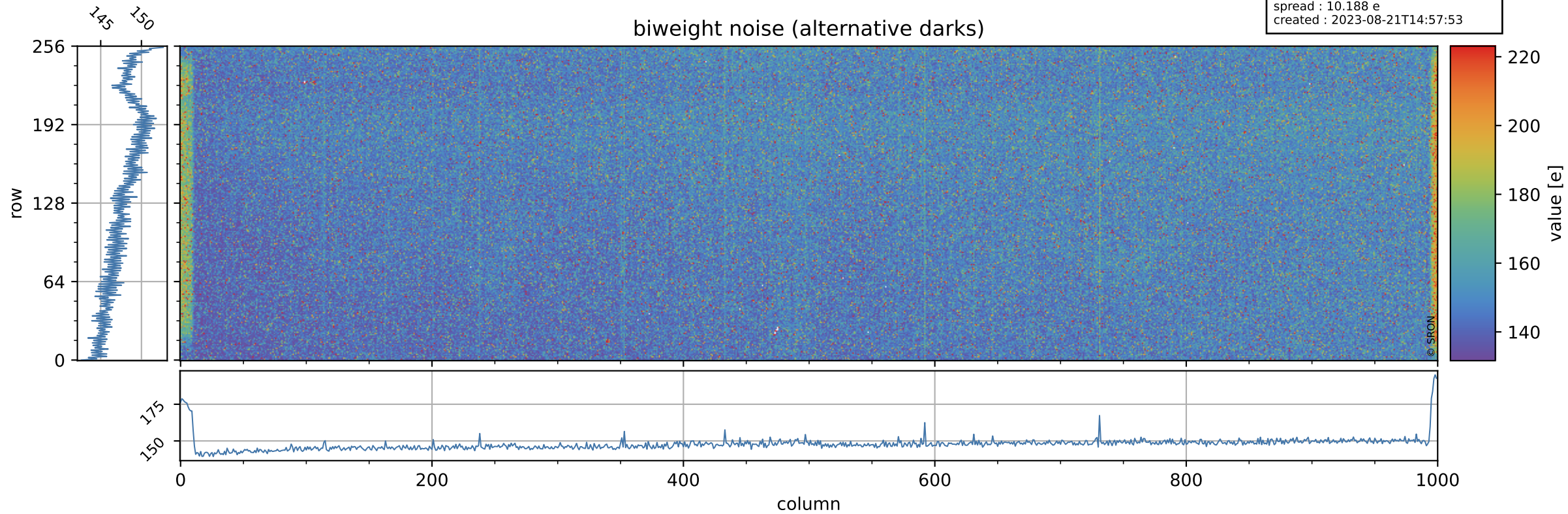
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8542, 8632]
coverage : 2019-06-07 / 2019-06-13
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.188 e
created : 2023-08-21T14:57:53

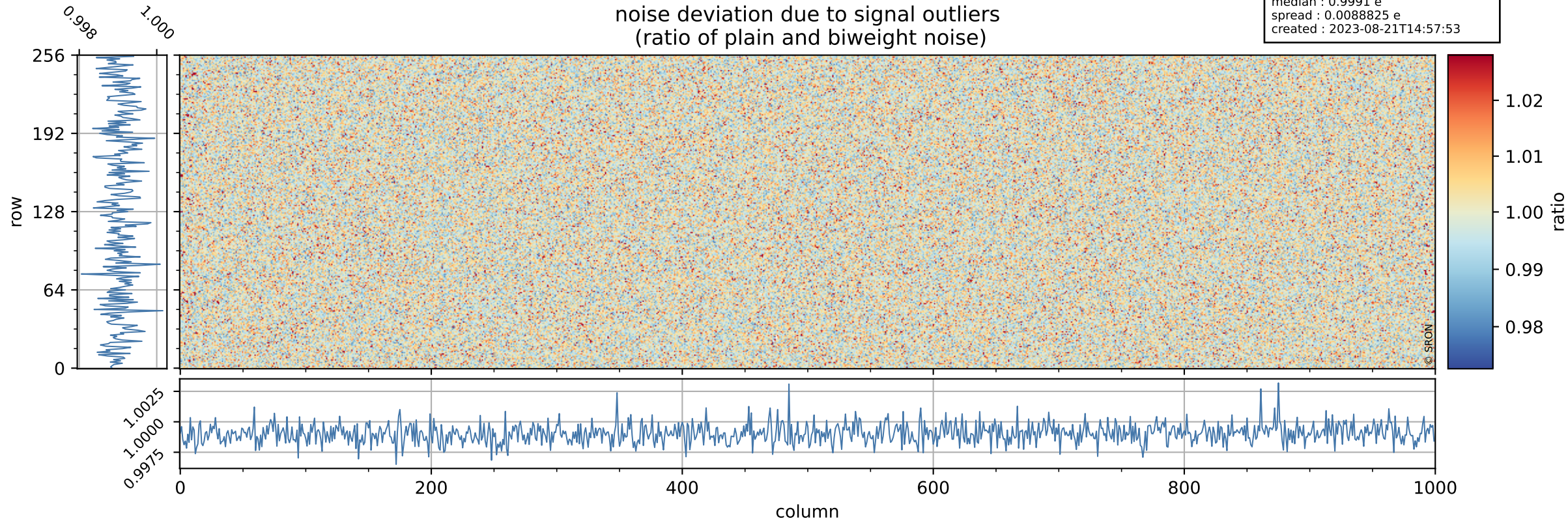
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

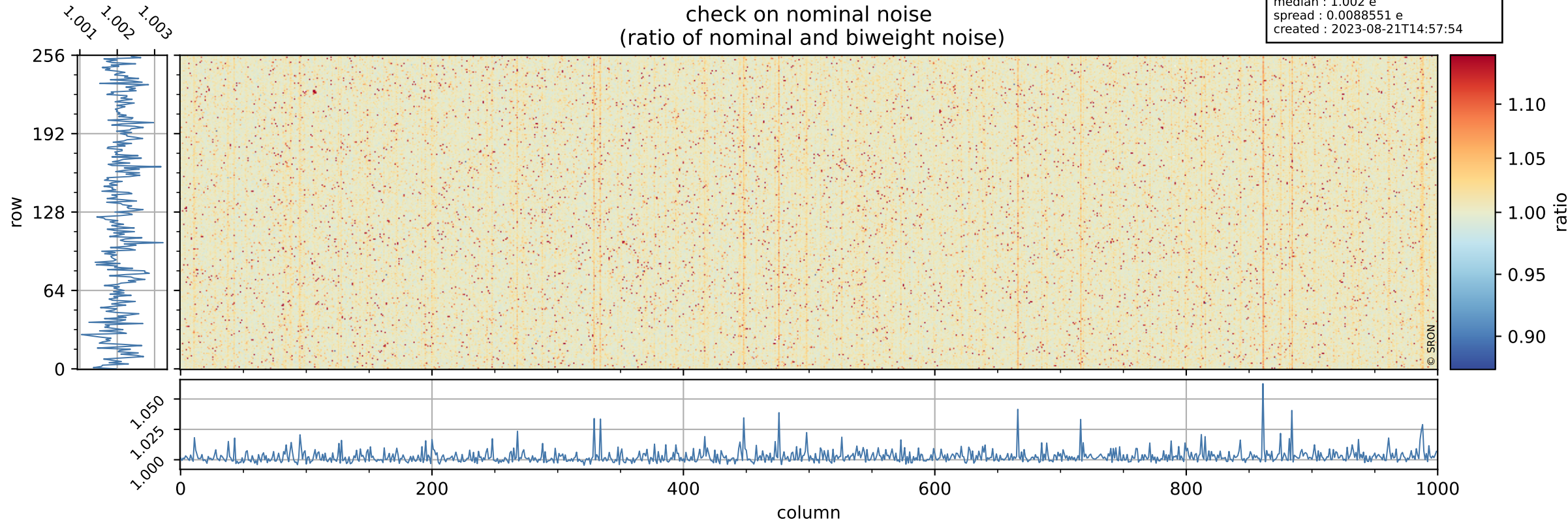
orbits : 13 in [8542, 8632]
coverage : 2019-06-07 / 2019-06-13
median : 0.9991 e
spread : 0.0088825 e
created : 2023-08-21T14:57:53



Tropomi SWIR background noise (swir)

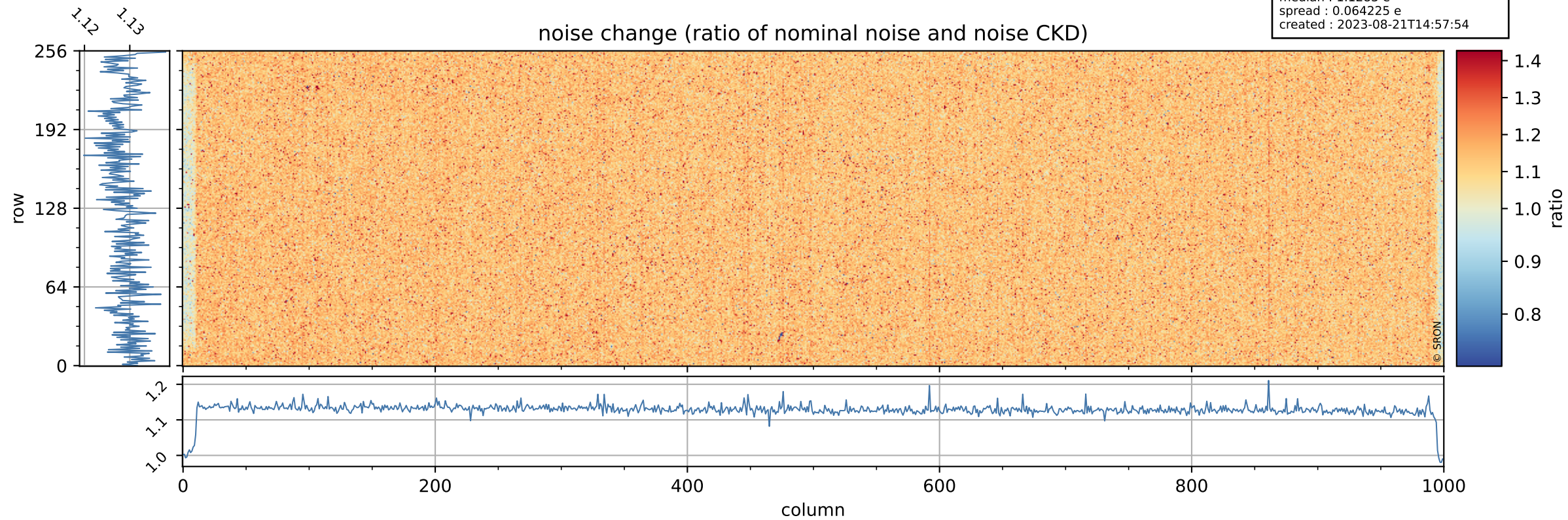
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [8542, 8632]
coverage : 2019-06-07 / 2019-06-13
median : 1.002 e
spread : 0.0088551 e
created : 2023-08-21T14:57:54



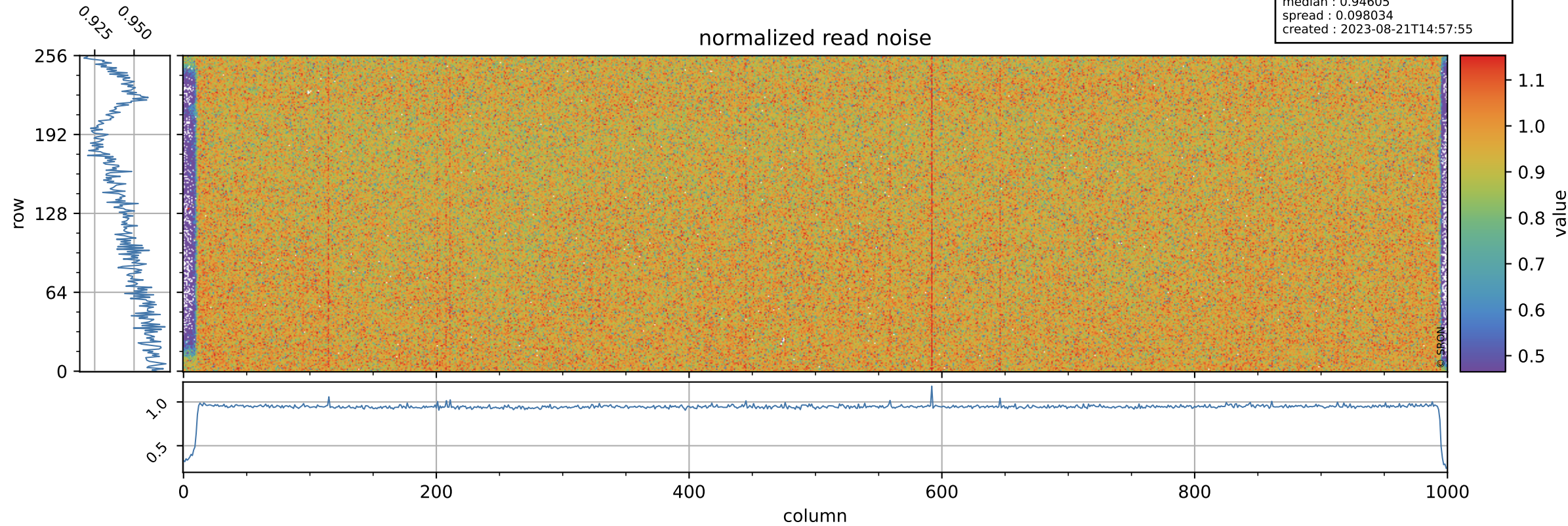
Tropomi SWIR background noise (swir)

orbits : 13 in [8542, 8632]
coverage : 2019-06-07 / 2019-06-13
median : 1.1283 e
spread : 0.064225 e
created : 2023-08-21T14:57:54



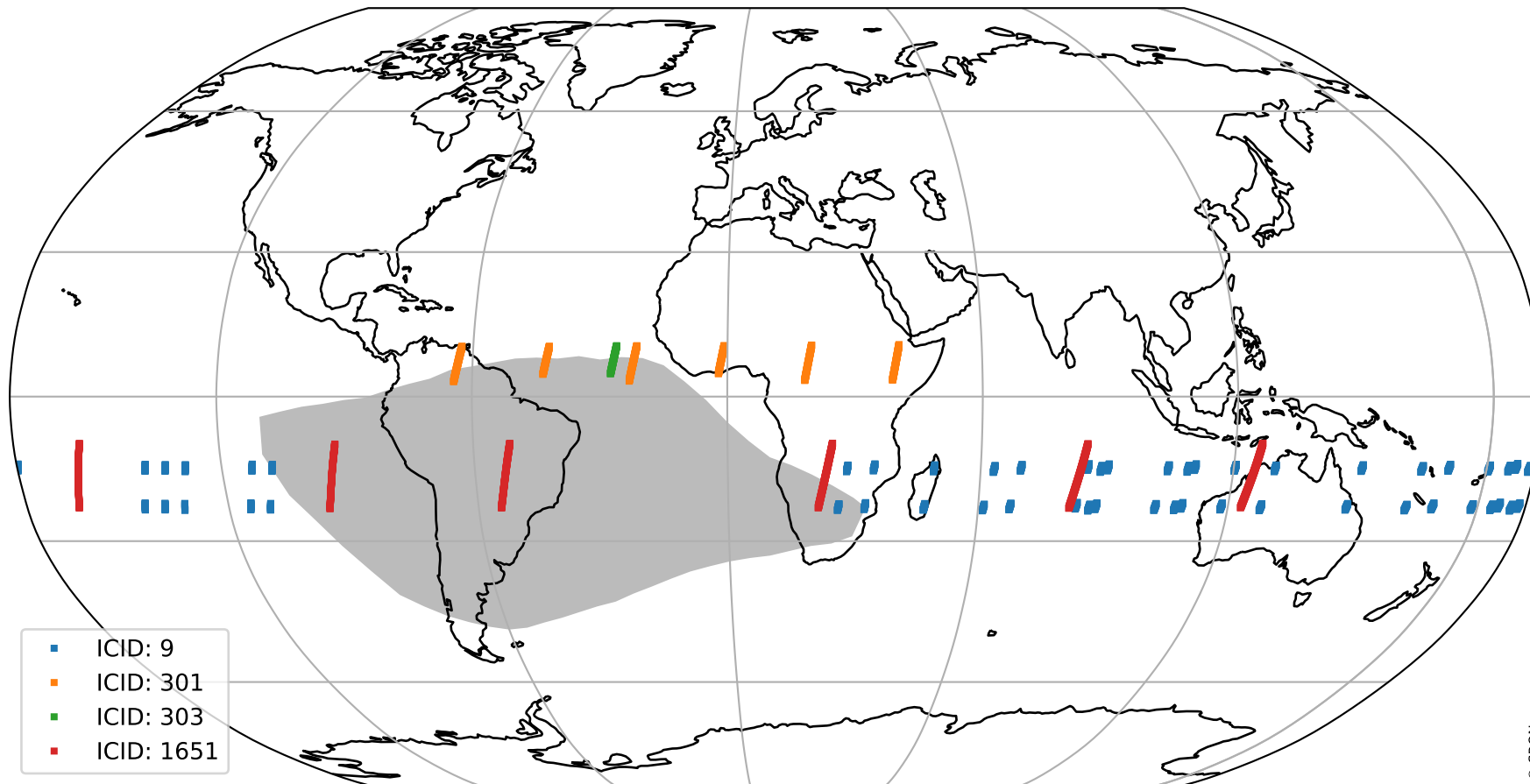
Tropomi SWIR background noise (swir)

orbits : 13 in [8542, 8632]
coverage : 2019-06-07 / 2019-06-13
median : 0.94605
spread : 0.098034
created : 2023-08-21T14:57:55



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

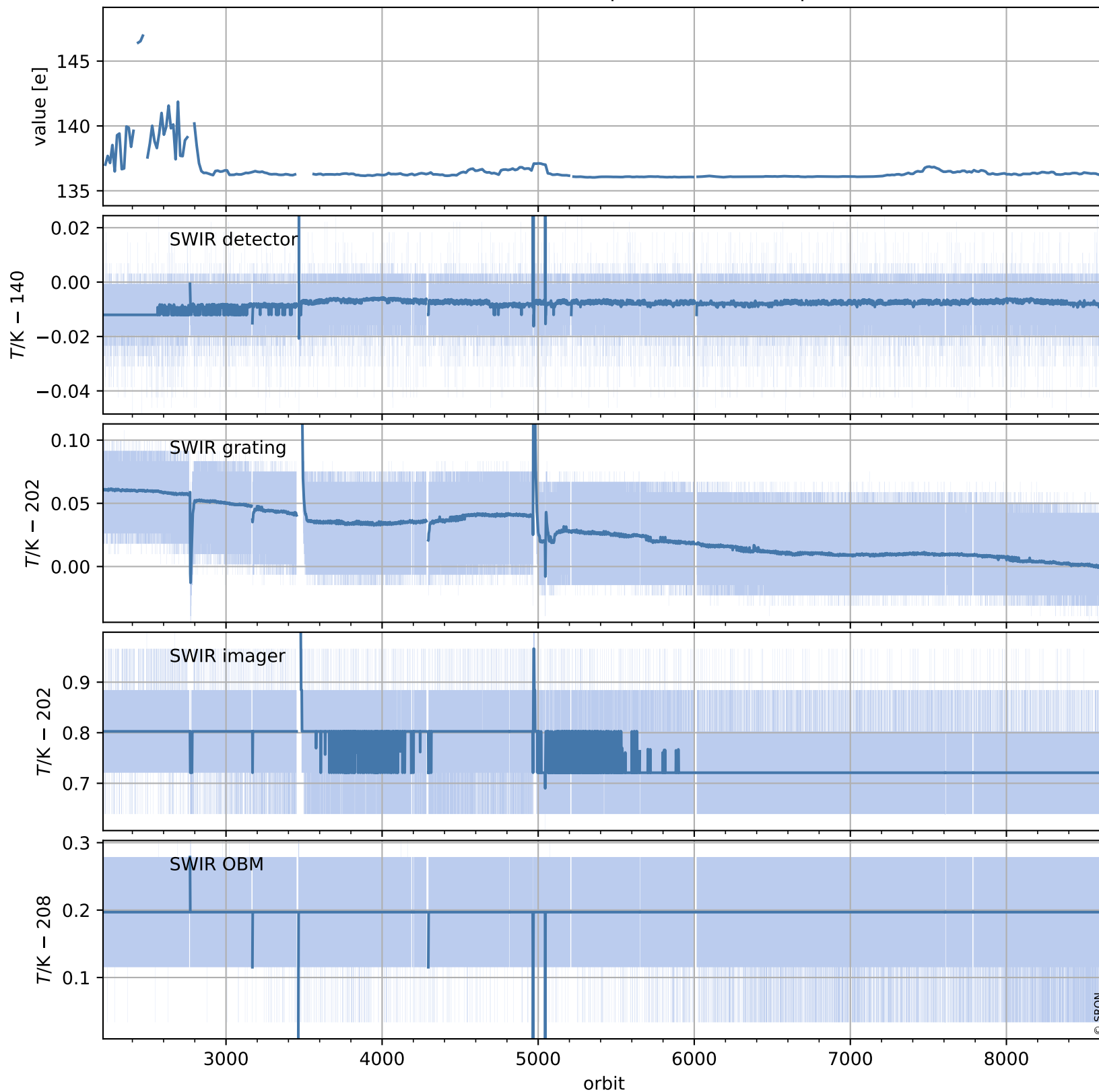
orbits : 13 in [8542, 8632]
coverage : 2019-06-07 / 2019-06-13
created : 2023-08-21T14:57:55



Tropomi SWIR background noise (swir)

orbits : [2212, 8632]
coverage : 2018-03-18 / 2019-06-13
created : 2023-08-21T14:57:56

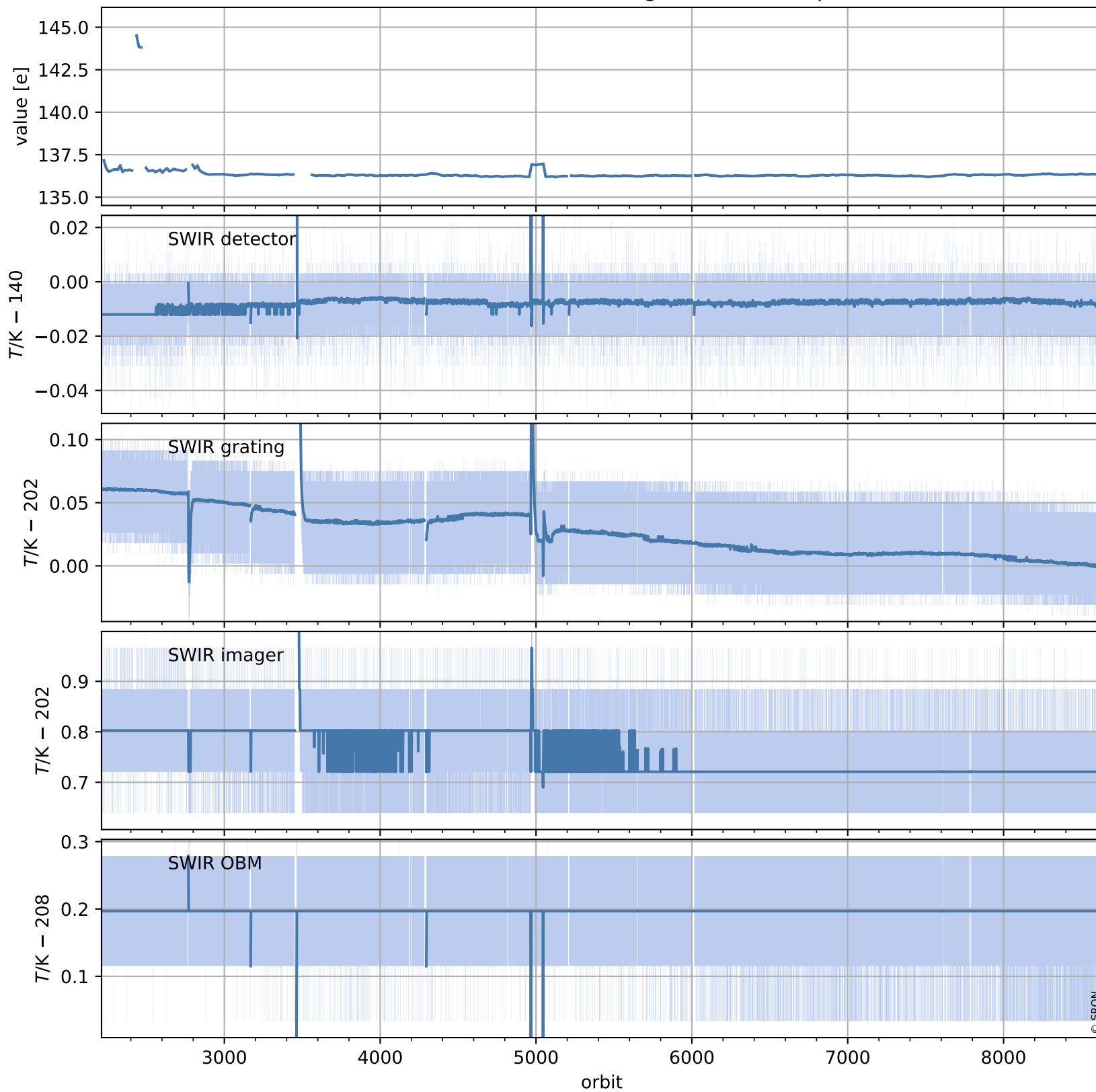
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8632]
coverage : 2018-03-18 / 2019-06-13
created : 2023-08-21T14:57:57

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8632]
coverage : 2018-03-18 / 2019-06-13
created : 2023-08-21T14:57:57

trend of normalized read-noise & temperatures

