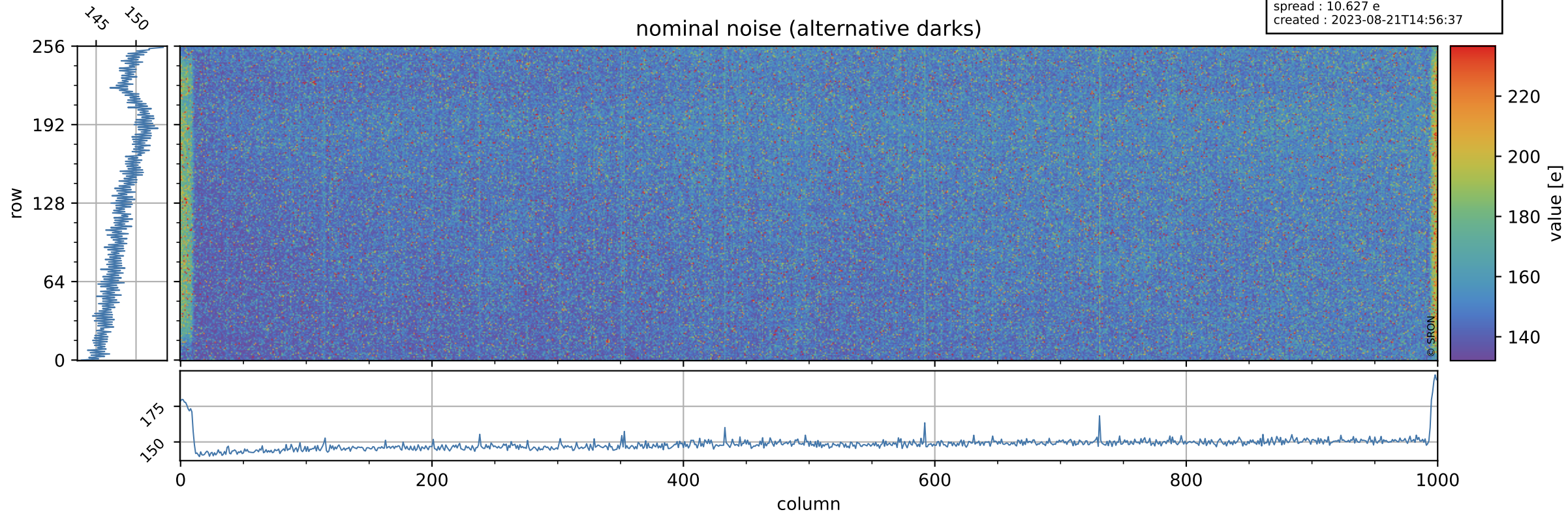


Tropomi SWIR background noise (swir)

orbits : 12 in [8392, 8467]
coverage : 2019-05-27 / 2019-06-01
n_coad, t_exp : 1, 1.0783
median : 148.36 e
spread : 10.627 e
created : 2023-08-21T14:56:37

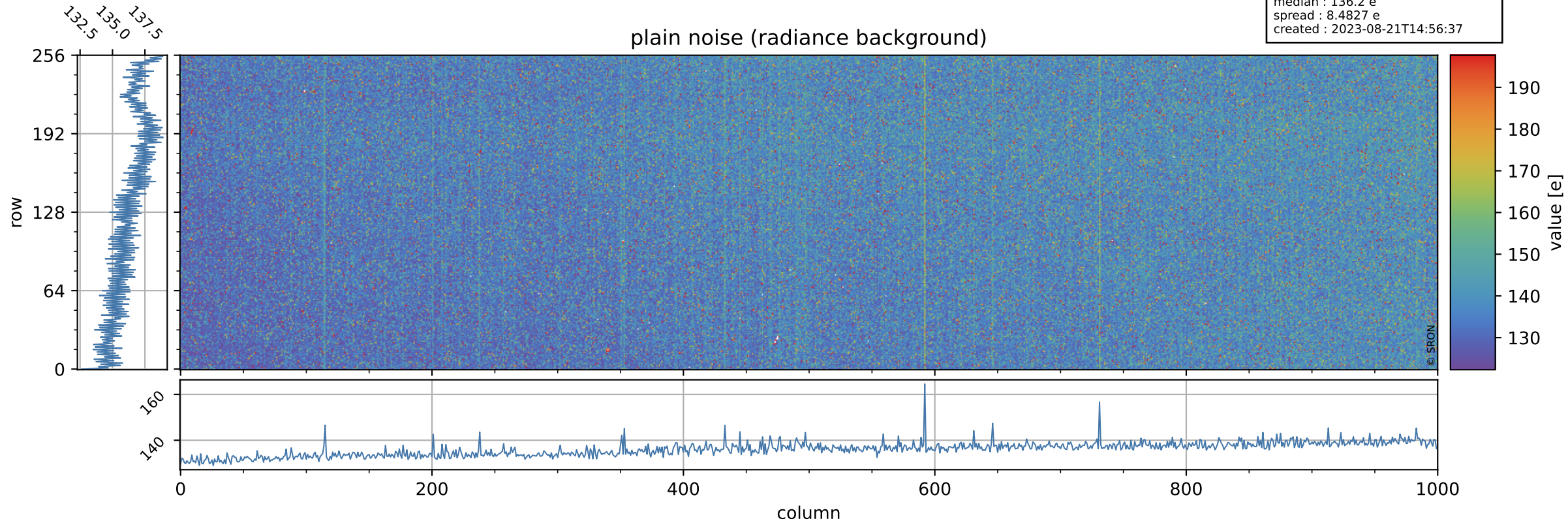
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8392, 8467]
coverage : 2019-05-27 / 2019-06-01
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.4827 e
created : 2023-08-21T14:56:37

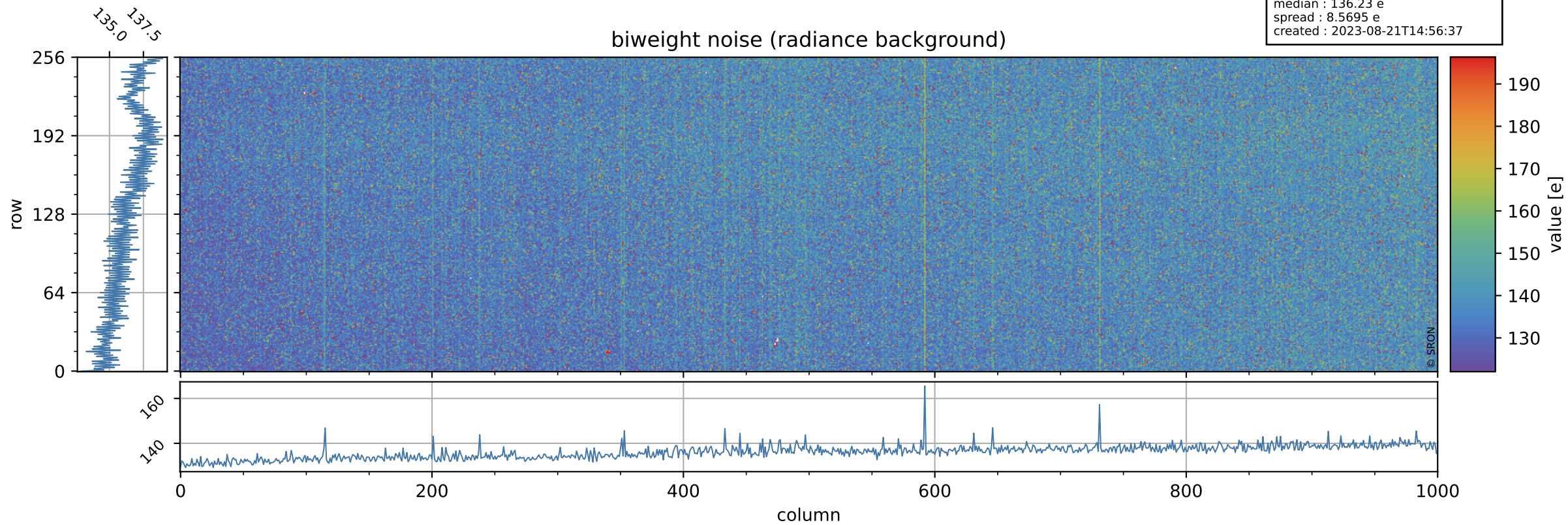
plain noise (radiance background)



Tropomi SWIR background noise (swir)

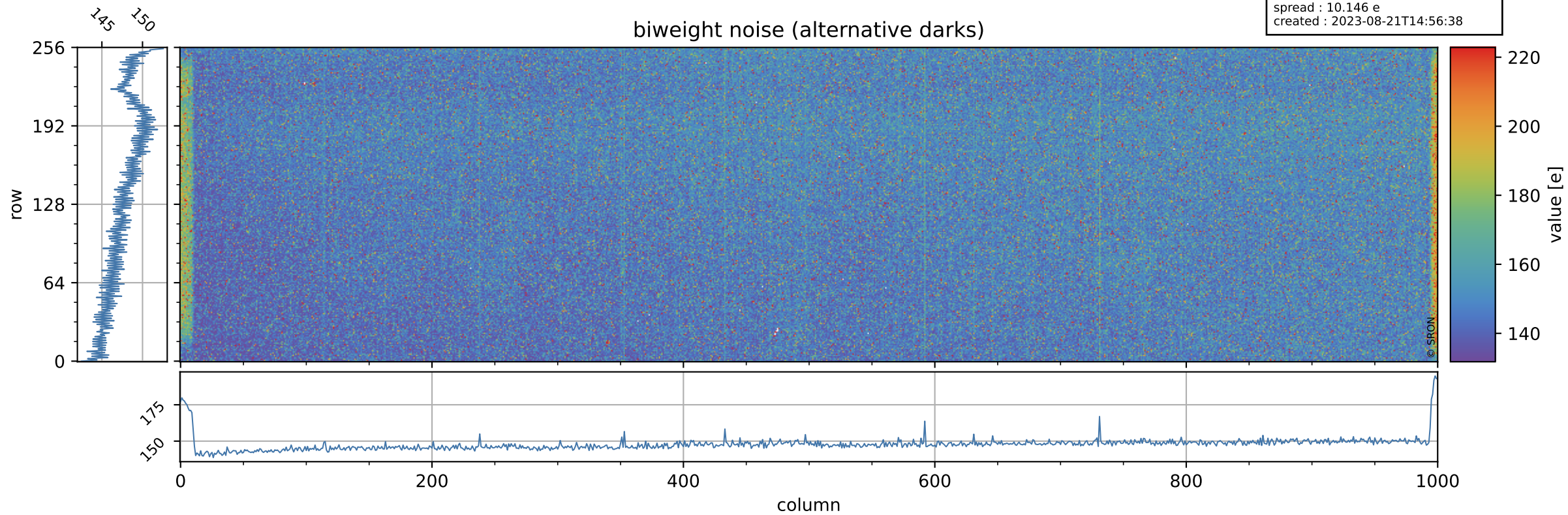
orbits : 12 in [8392, 8467]
coverage : 2019-05-27 / 2019-06-01
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.5695 e
created : 2023-08-21T14:56:37

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

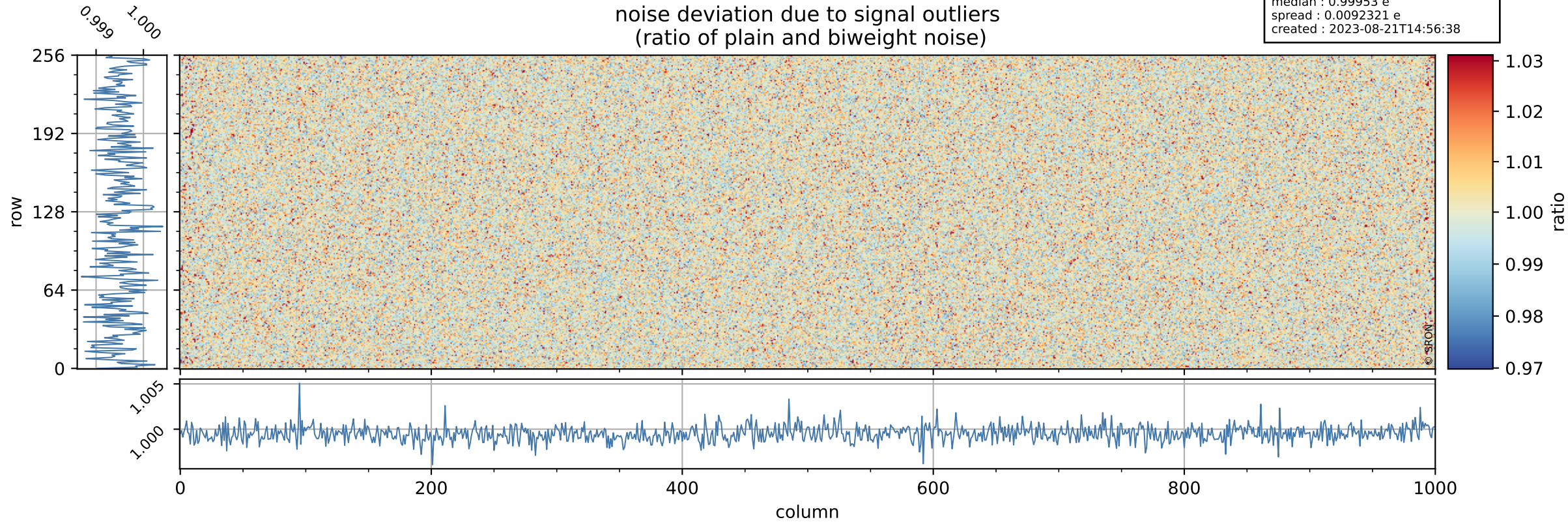
orbits : 12 in [8392, 8467]
coverage : 2019-05-27 / 2019-06-01
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.146 e
created : 2023-08-21T14:56:38



Tropomi SWIR background noise (swir)

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

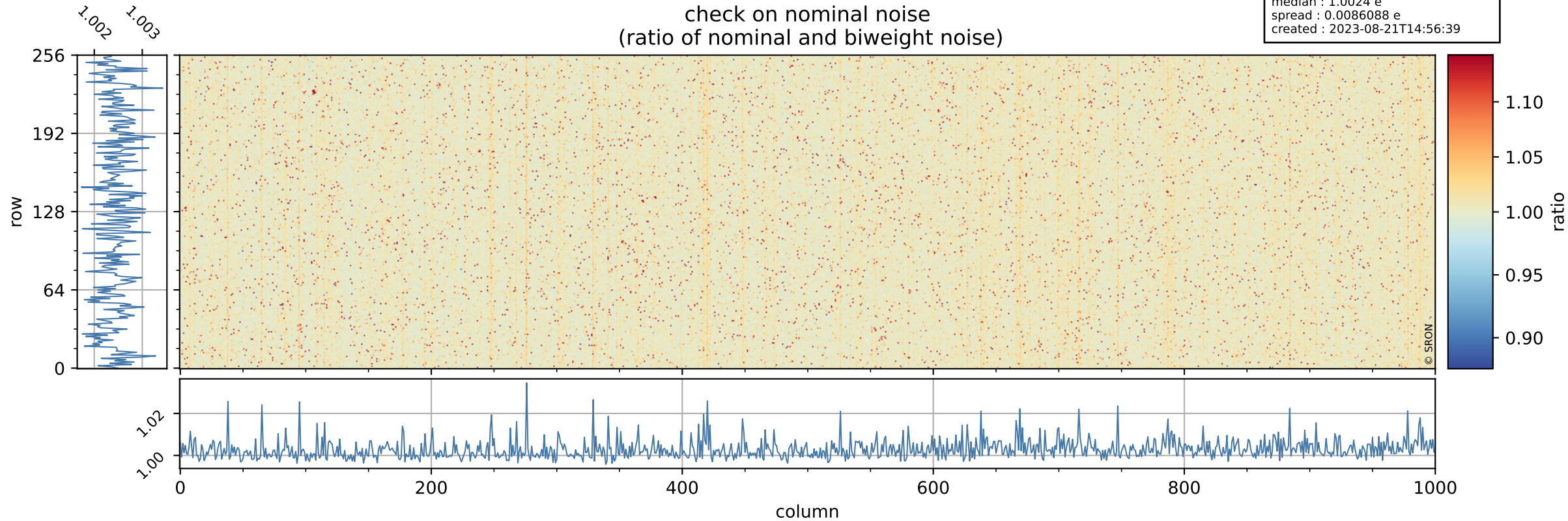
orbits : 12 in [8392, 8467]
coverage : 2019-05-27 / 2019-06-01
median : 0.99953 e
spread : 0.0092321 e
created : 2023-08-21T14:56:38



Tropomi SWIR background noise (swir)

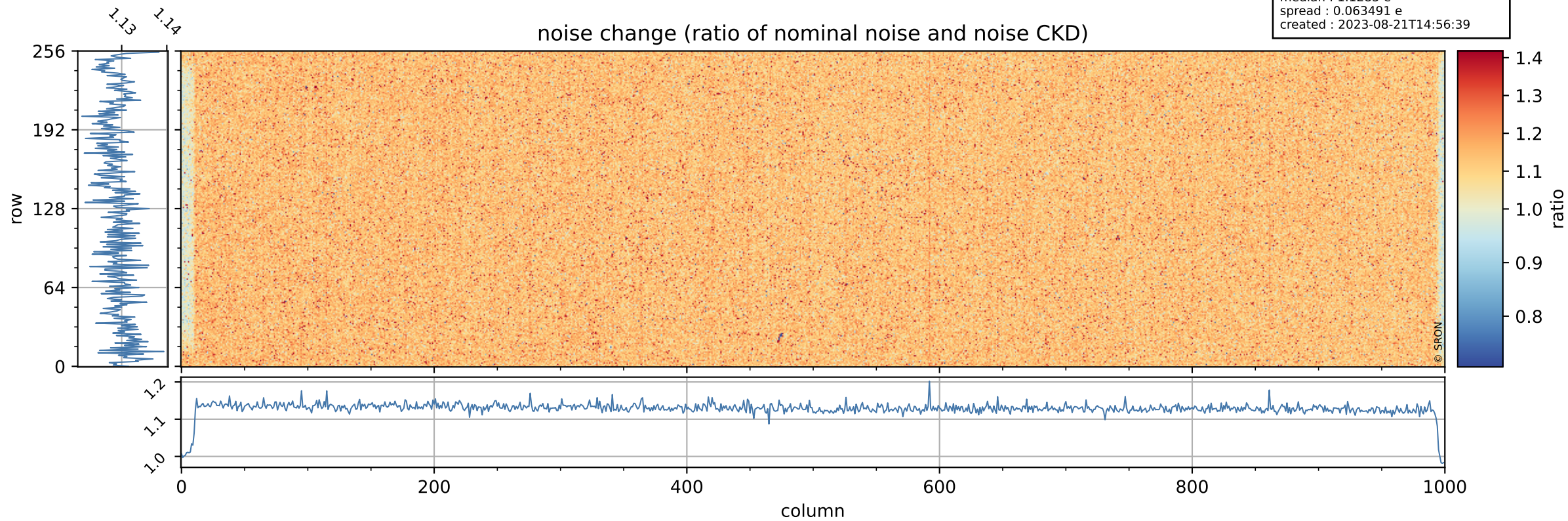
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8392, 8467]
coverage : 2019-05-27 / 2019-06-01
median : 1.0024 e
spread : 0.0086088 e
created : 2023-08-21T14:56:39



Tropomi SWIR background noise (swir)

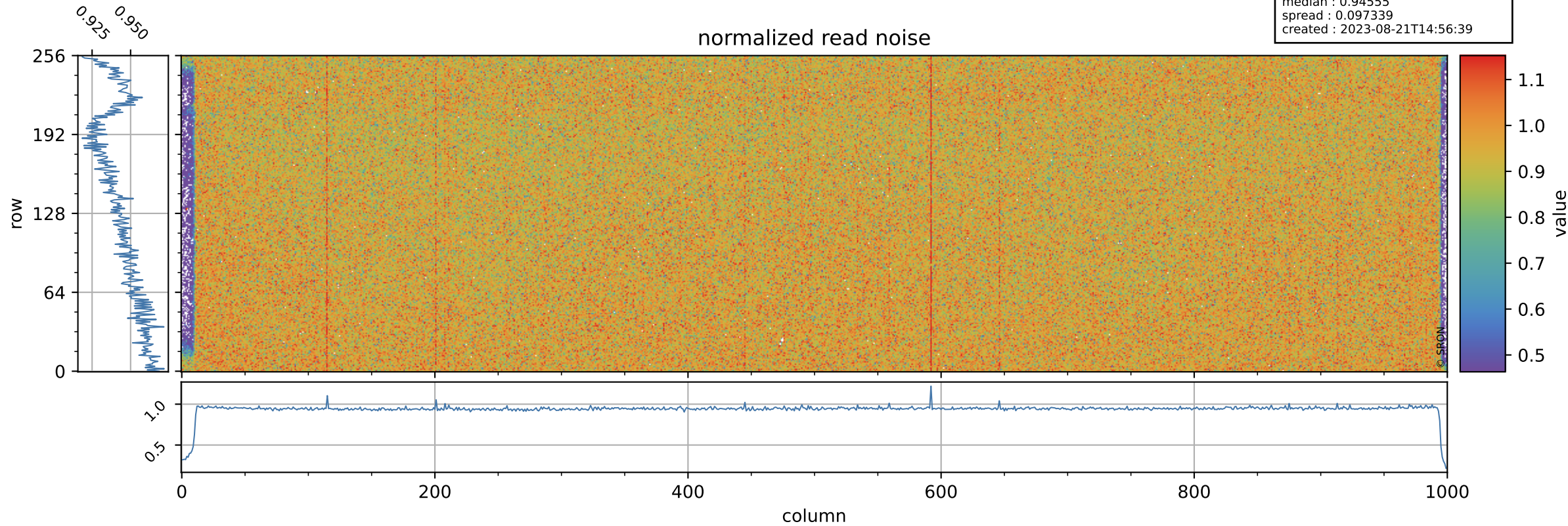
orbits : 12 in [8392, 8467]
coverage : 2019-05-27 / 2019-06-01
median : 1.1285 e
spread : 0.063491 e
created : 2023-08-21T14:56:39



Tropomi SWIR background noise (swir)

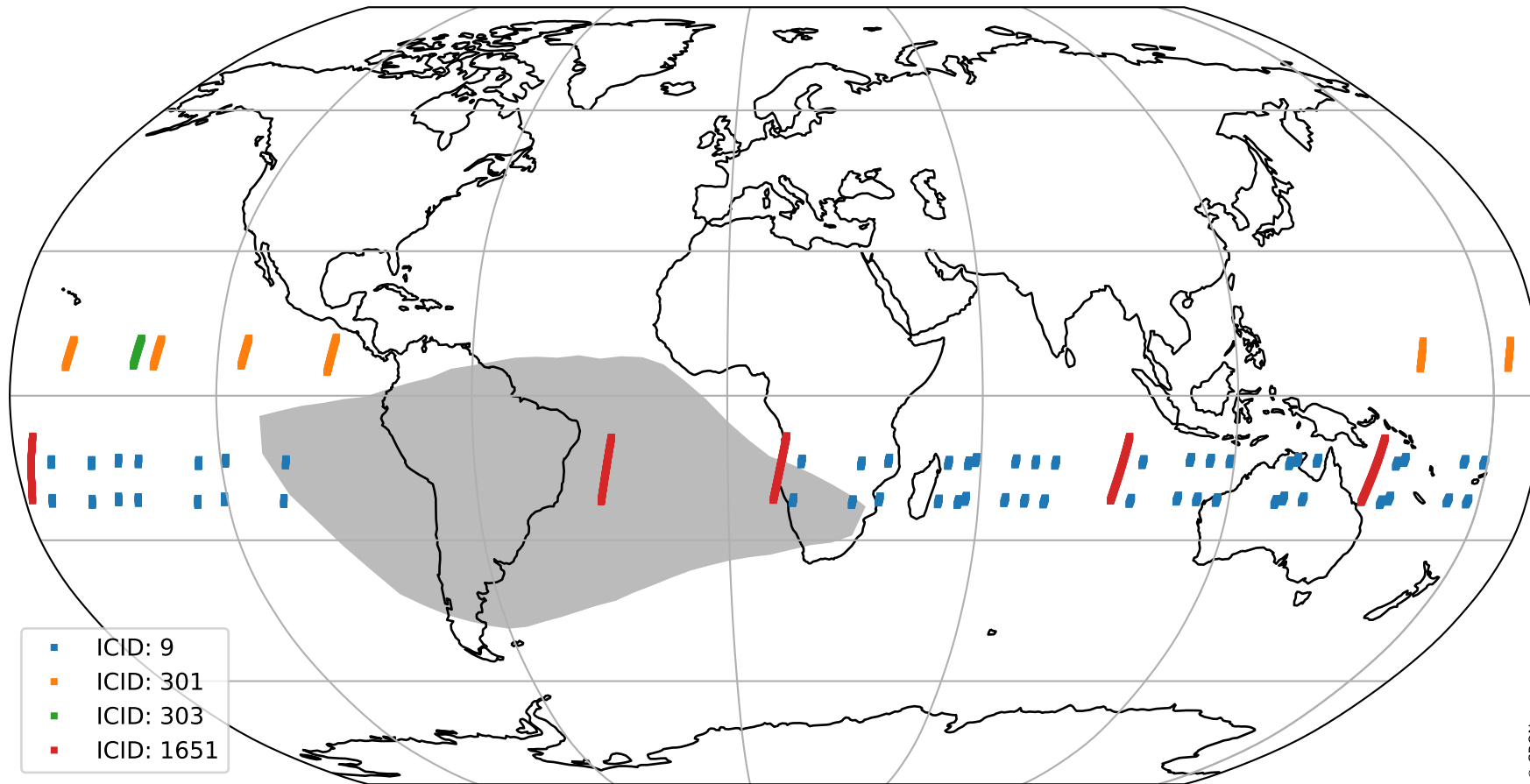
orbits : 12 in [8392, 8467]
coverage : 2019-05-27 / 2019-06-01
median : 0.94555
spread : 0.097339
created : 2023-08-21T14:56:39

normalized read noise



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

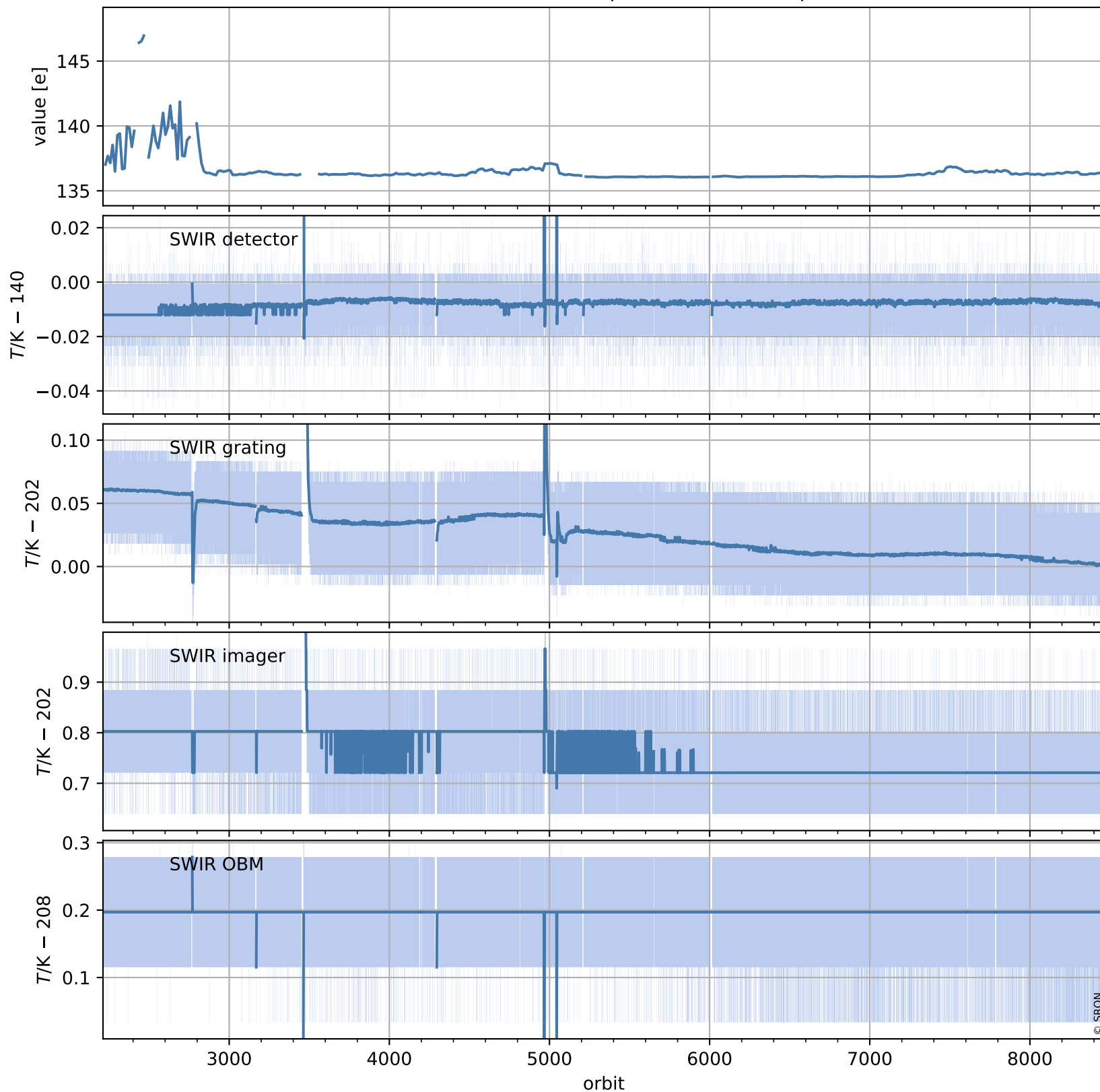
orbits : 12 in [8392, 8467]
coverage : 2019-05-27 / 2019-06-01
created : 2023-08-21T14:56:39



Tropomi SWIR background noise (swir)

orbits : [2212, 8467]
coverage : 2018-03-18 / 2019-06-01
created : 2023-08-21T14:56:40

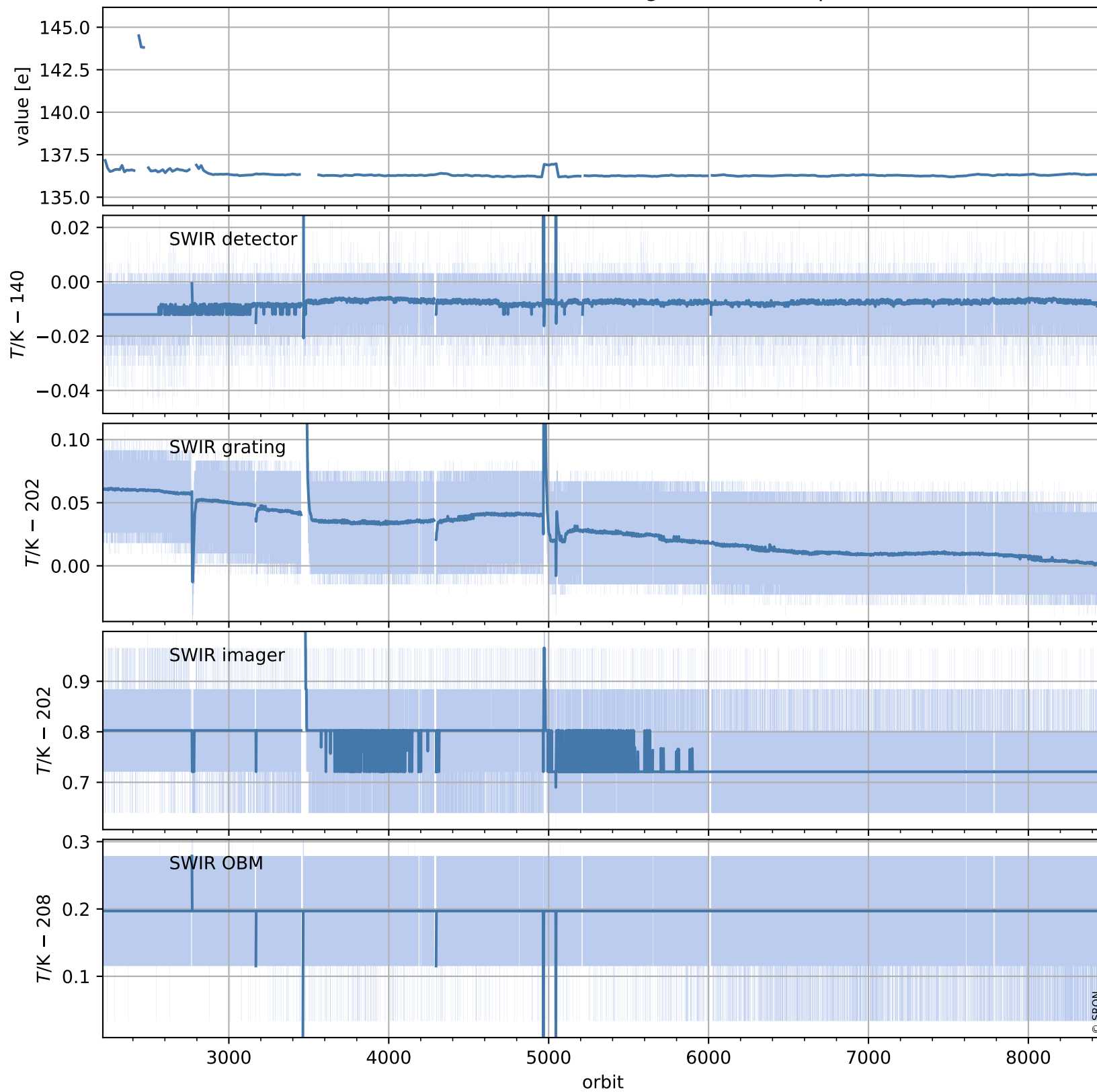
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8467]
coverage : 2018-03-18 / 2019-06-01
created : 2023-08-21T14:56:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8467]
coverage : 2018-03-18 / 2019-06-01
created : 2023-08-21T14:56:41

trend of normalized read-noise & temperatures

