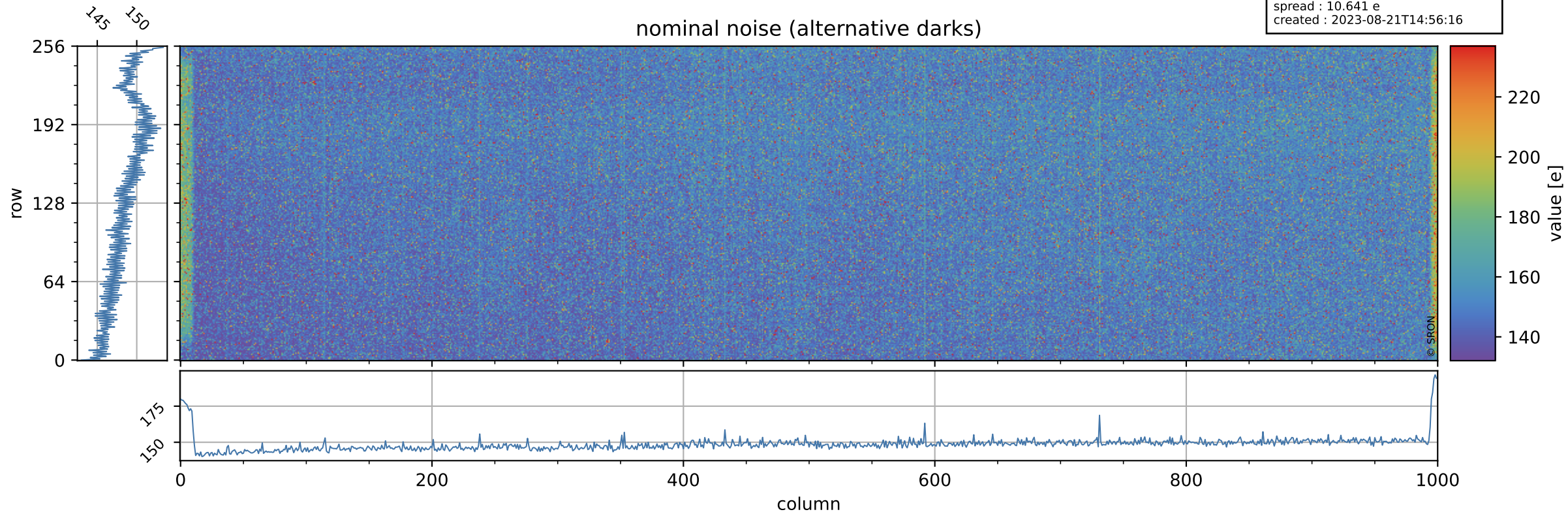


Tropomi SWIR background noise (swir)

orbits : 12 in [8332, 8422]
coverage : 2019-05-24 / 2019-05-29
n_coad, t_exp : 1, 1.0783
median : 148.45 e
spread : 10.641 e
created : 2023-08-21T14:56:16

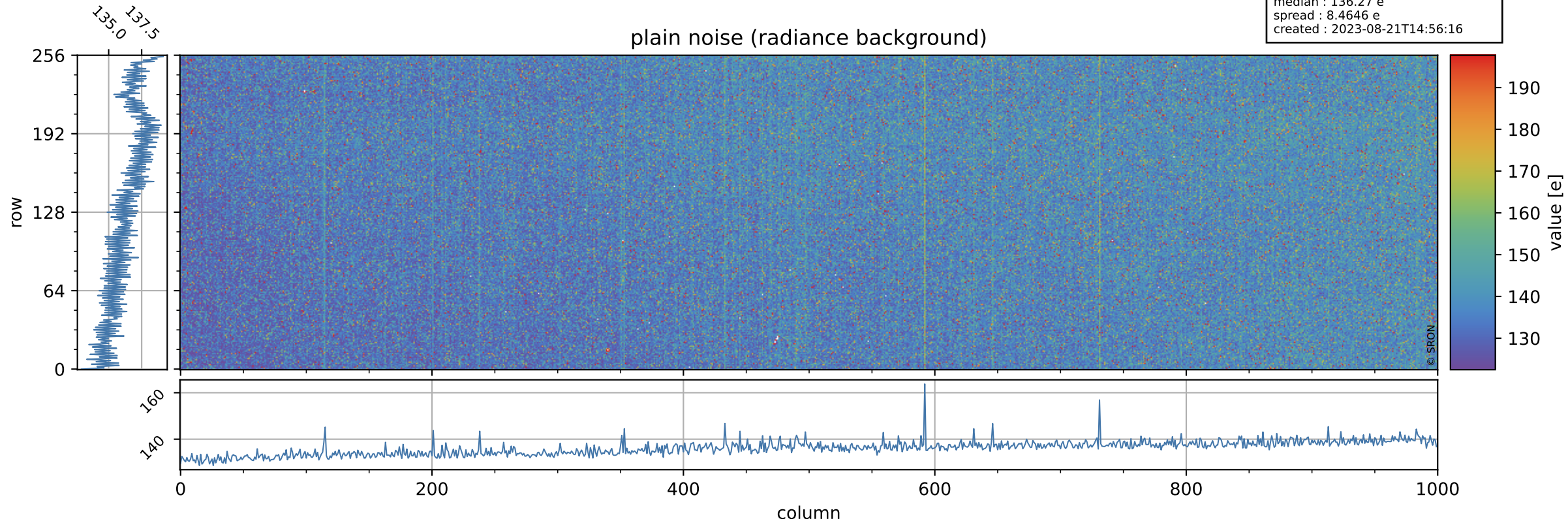
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8332, 8422]
coverage : 2019-05-24 / 2019-05-29
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.4646 e
created : 2023-08-21T14:56:16

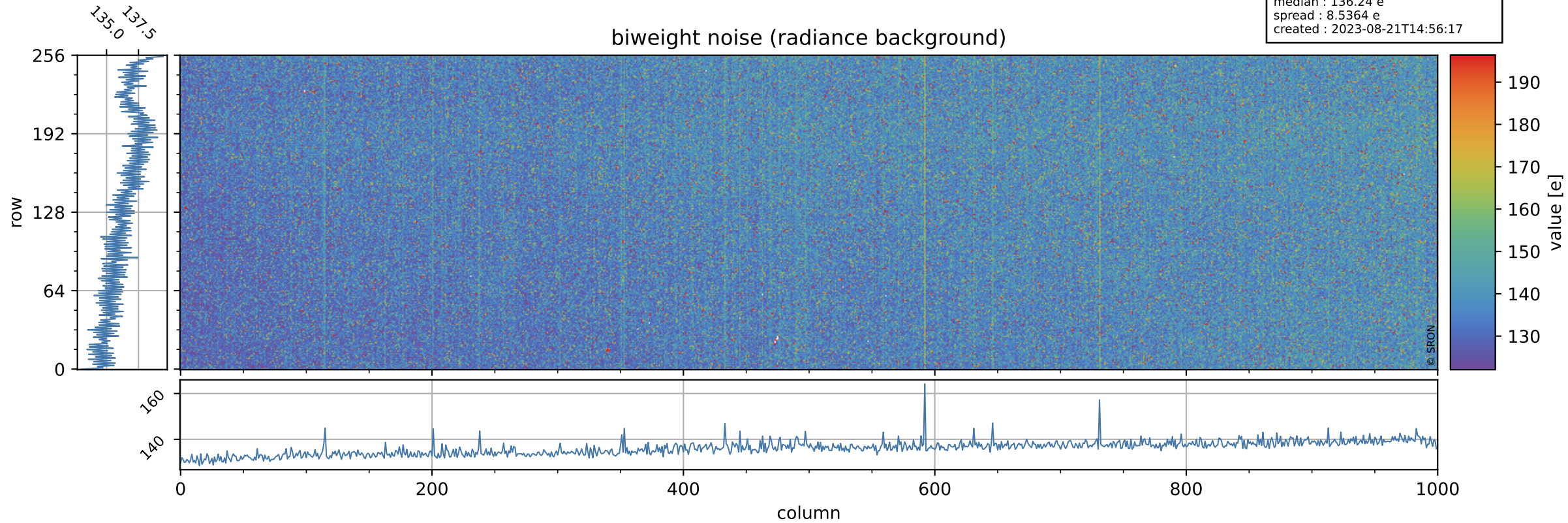
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8332, 8422]
coverage : 2019-05-24 / 2019-05-29
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.5364 e
created : 2023-08-21T14:56:17

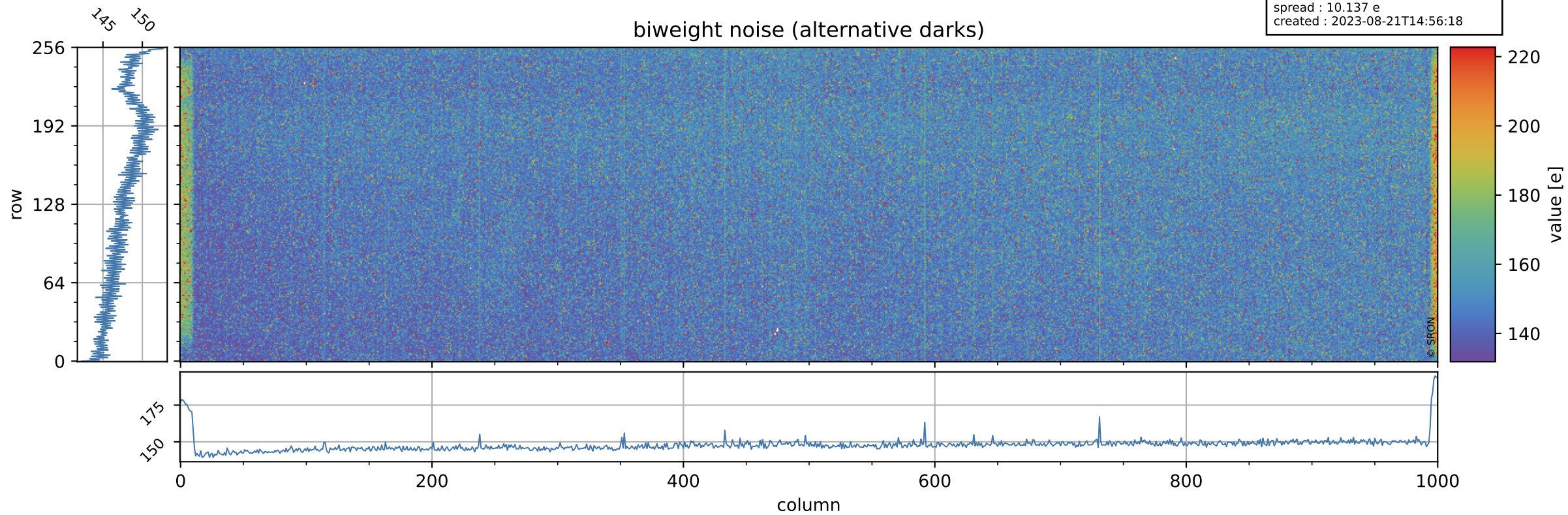
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8332, 8422]
coverage : 2019-05-24 / 2019-05-29
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 10.137 e
created : 2023-08-21T14:56:18

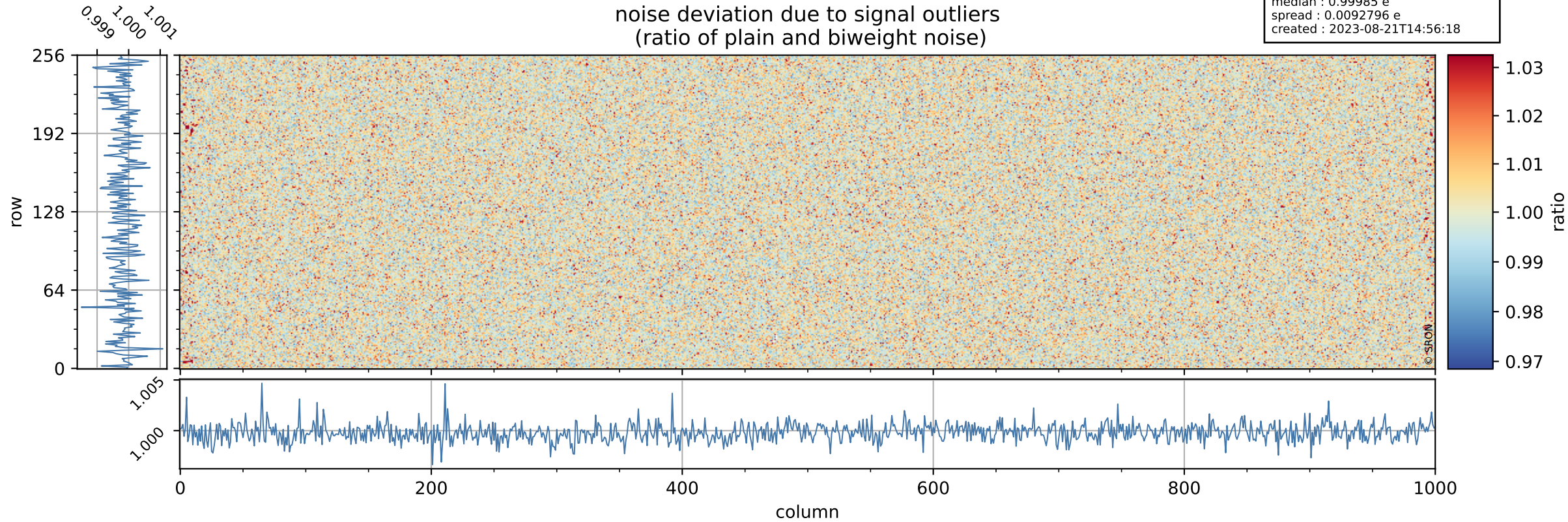
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

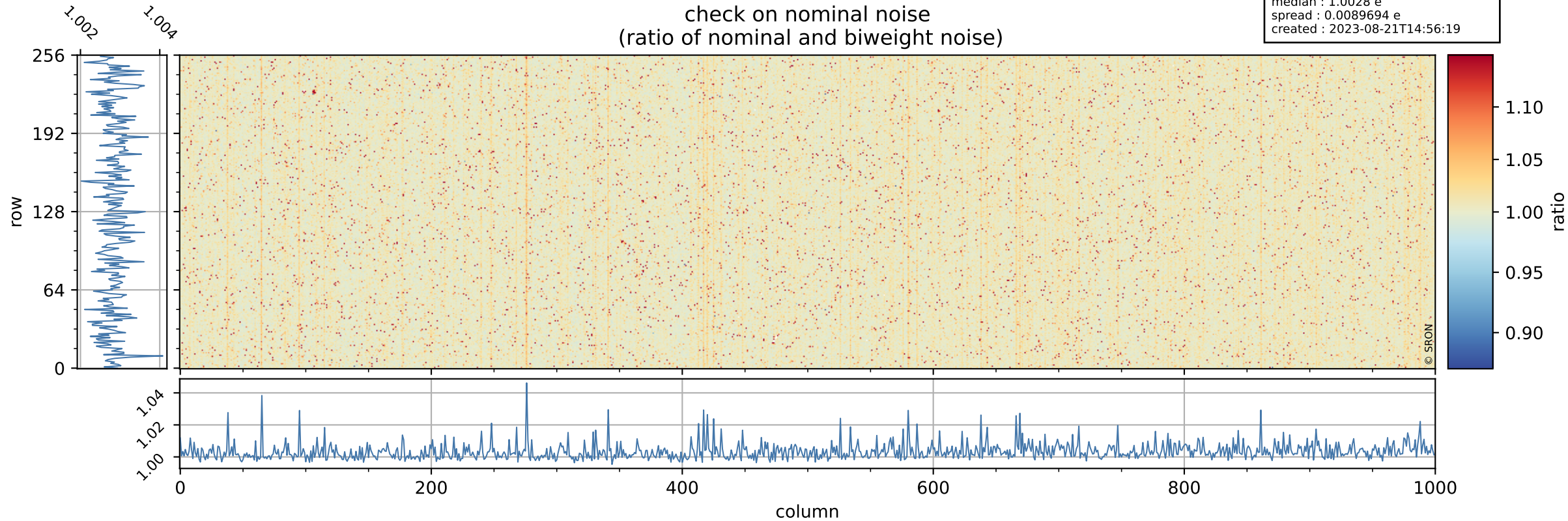
orbits : 12 in [8332, 8422]
coverage : 2019-05-24 / 2019-05-29
median : 0.99985 e
spread : 0.0092796 e
created : 2023-08-21T14:56:18



Tropomi SWIR background noise (swir)

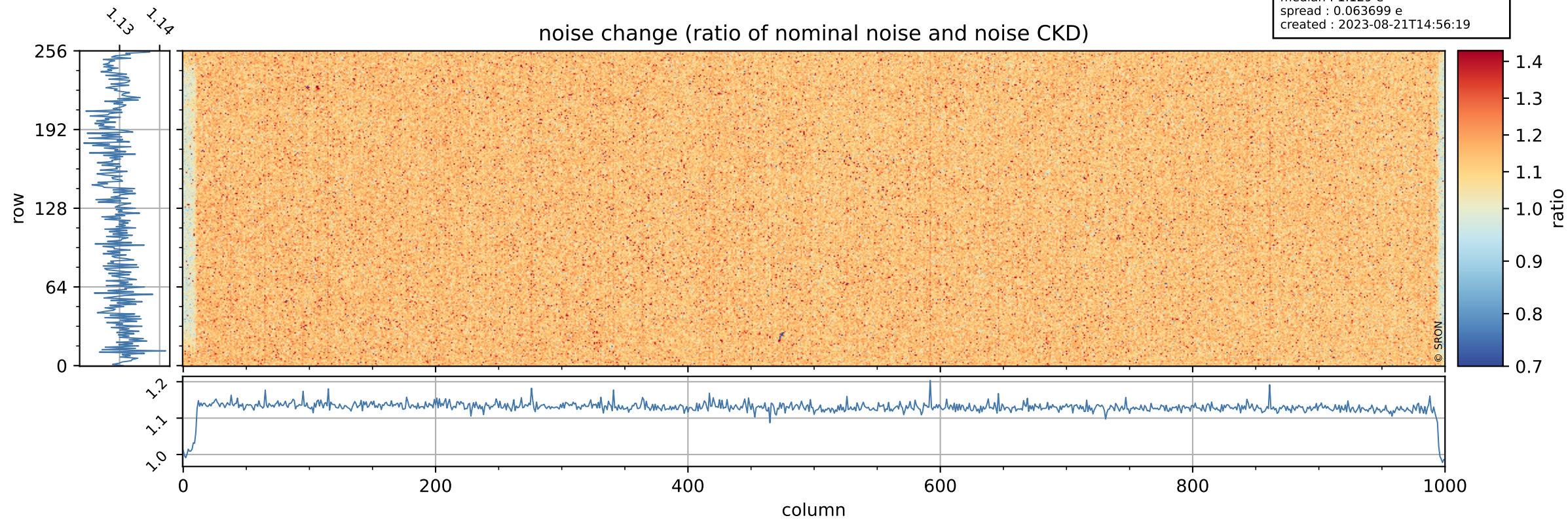
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8332, 8422]
coverage : 2019-05-24 / 2019-05-29
median : 1.0028 e
spread : 0.0089694 e
created : 2023-08-21T14:56:19



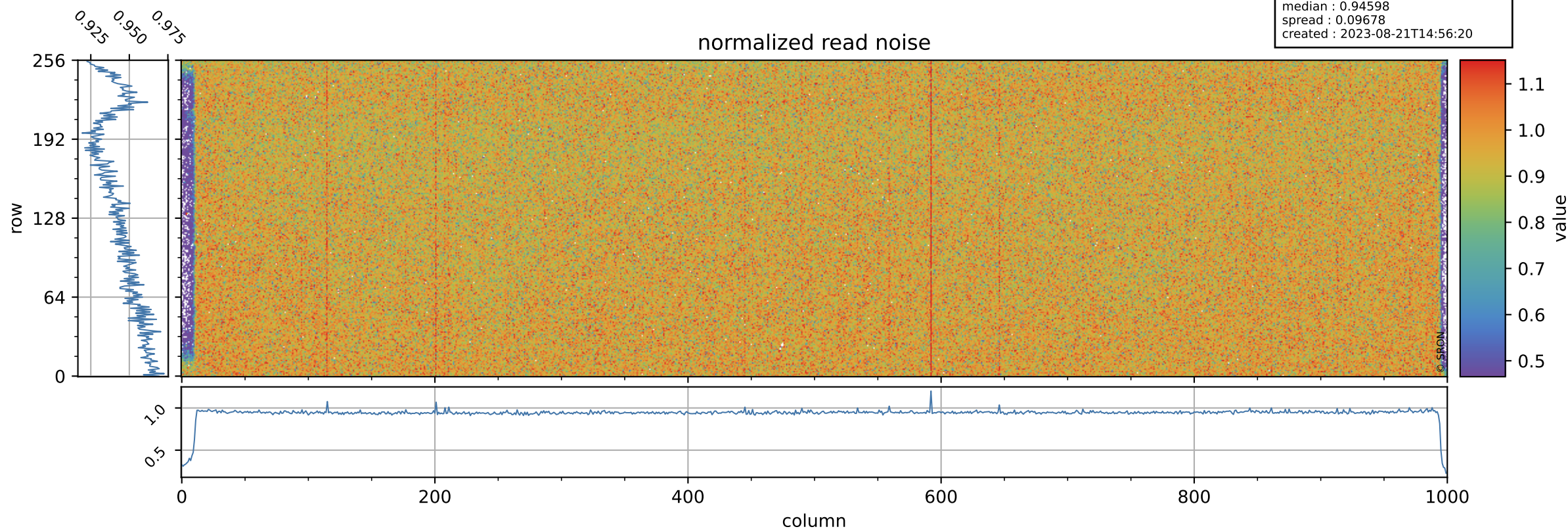
Tropomi SWIR background noise (swir)

orbits : 12 in [8332, 8422]
coverage : 2019-05-24 / 2019-05-29
median : 1.129 e
spread : 0.063699 e
created : 2023-08-21T14:56:19



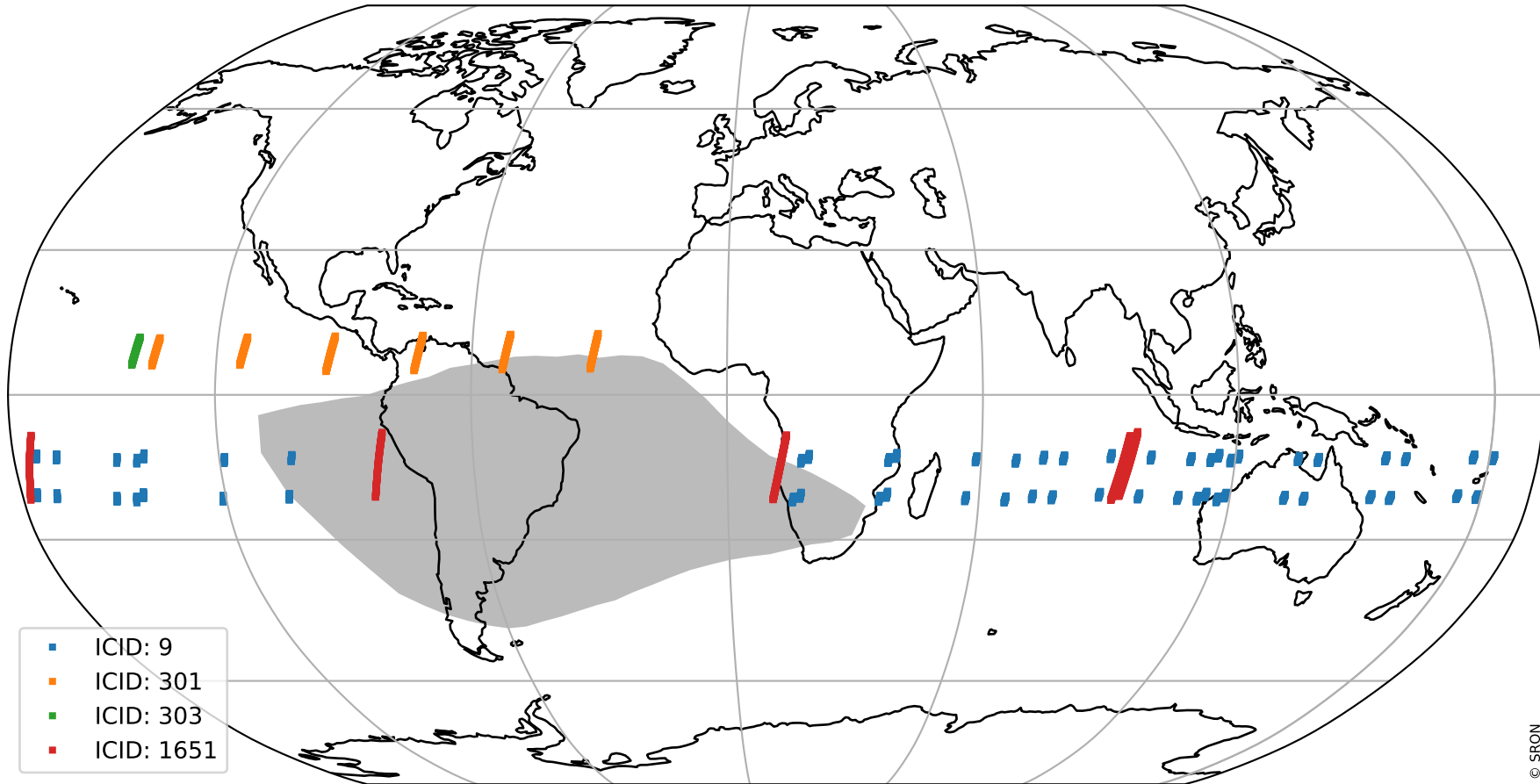
Tropomi SWIR background noise (swir)

orbits : 12 in [8332, 8422]
coverage : 2019-05-24 / 2019-05-29
median : 0.94598
spread : 0.09678
created : 2023-08-21T14:56:20



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

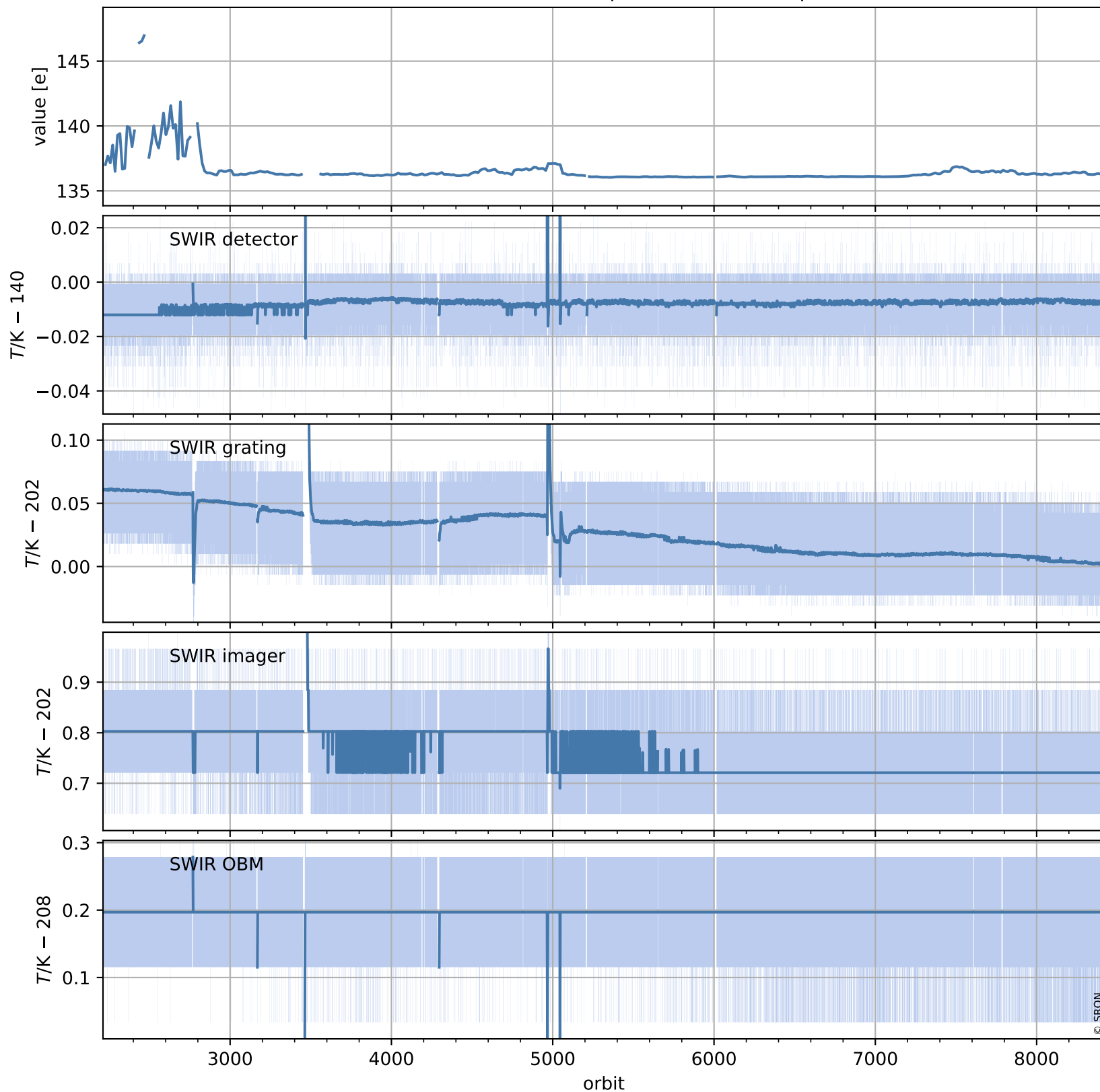
orbits : 12 in [8332, 8422]
coverage : 2019-05-24 / 2019-05-29
created : 2023-08-21T14:56:20



Tropomi SWIR background noise (swir)

orbits : [2212, 8422]
coverage : 2018-03-18 / 2019-05-29
created : 2023-08-21T14:56:21

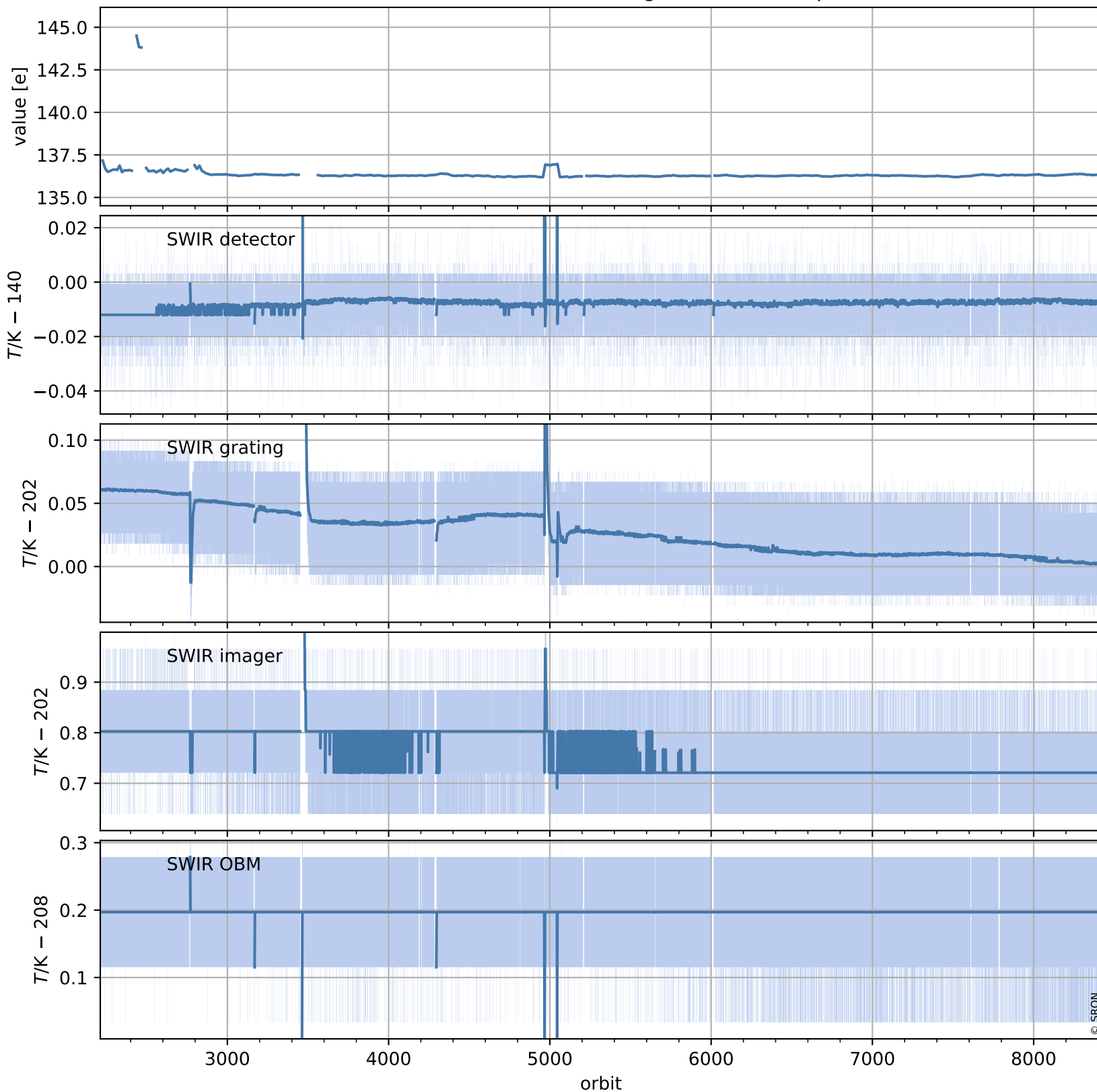
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8422]
coverage : 2018-03-18 / 2019-05-29
created : 2023-08-21T14:56:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8422]
coverage : 2018-03-18 / 2019-05-29
created : 2023-08-21T14:56:22

trend of normalized read-noise & temperatures

