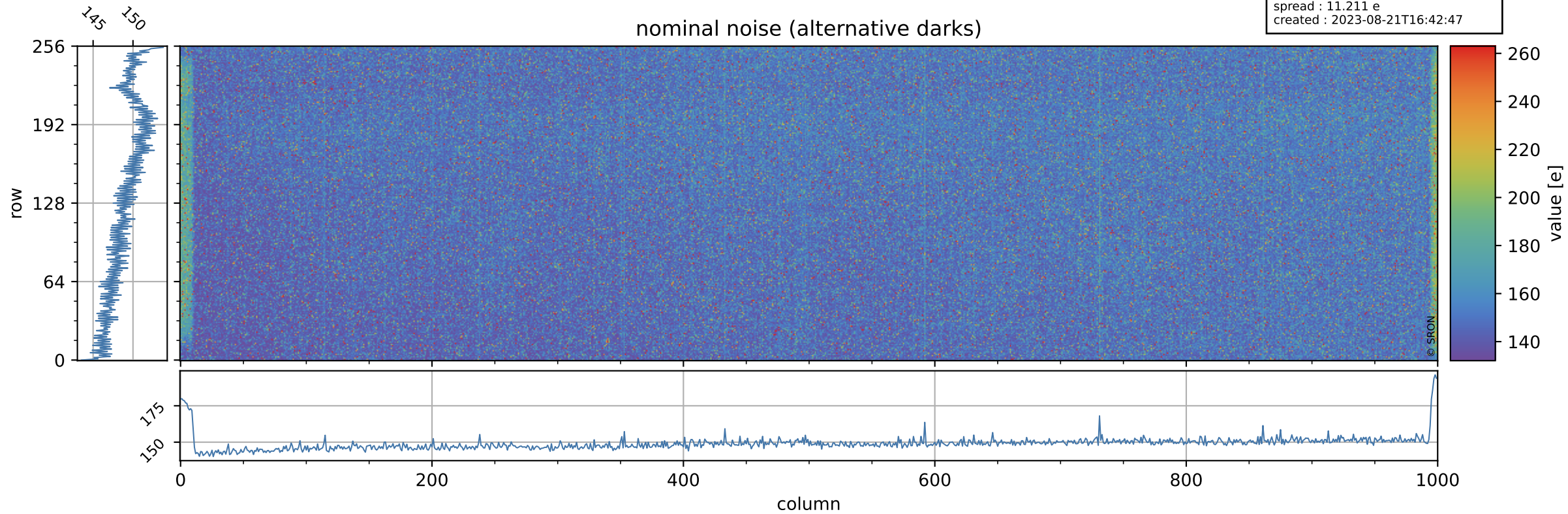


Tropomi SWIR background noise (swir)

orbits : 11 in [25327, 25417]
coverage : 2022-09-02 / 2022-09-08
n_coad, t_exp : 1, 1.0783
median : 148.91 e
spread : 11.211 e
created : 2023-08-21T16:42:47

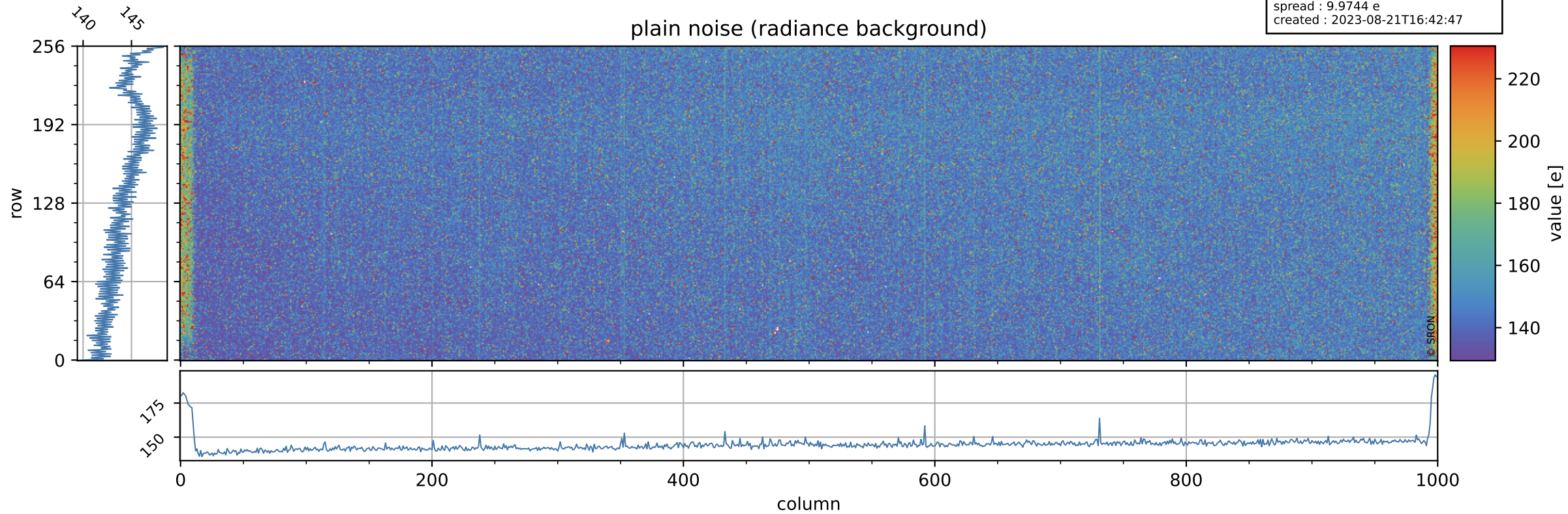
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [25327, 25417]
coverage : 2022-09-02 / 2022-09-08
n_coad, t_exp : 1, 0.8383
median : 144.15 e
spread : 9.9744 e
created : 2023-08-21T16:42:47

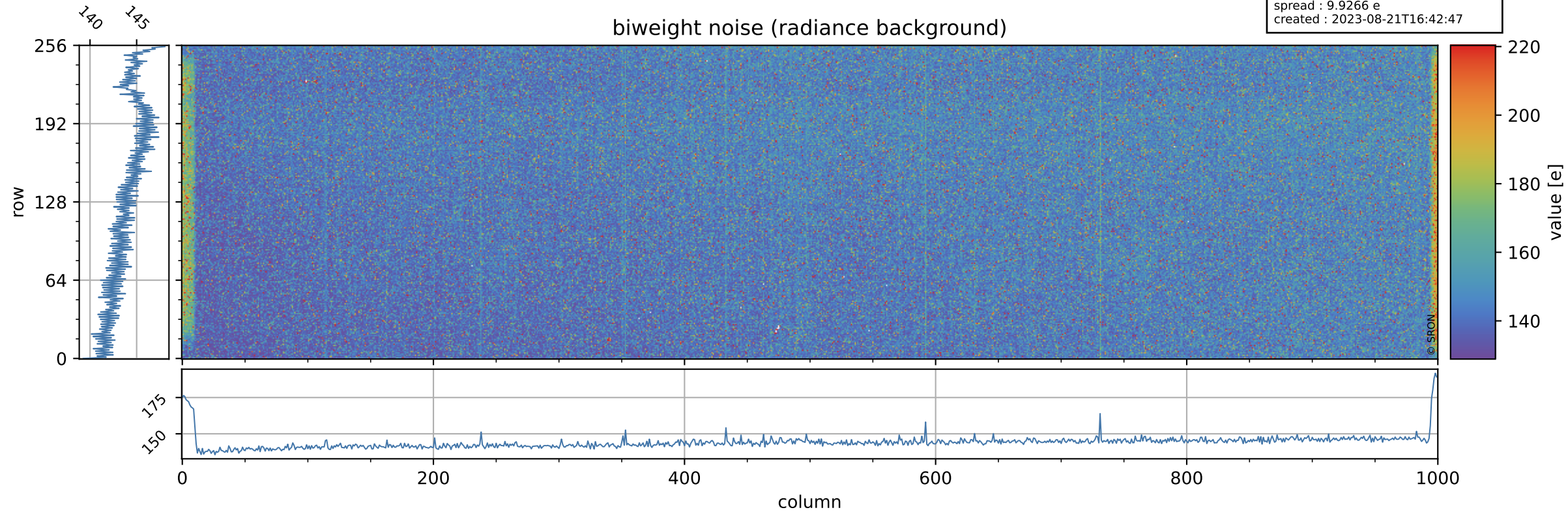
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [25327, 25417]
coverage : 2022-09-02 / 2022-09-08
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.9266 e
created : 2023-08-21T16:42:47

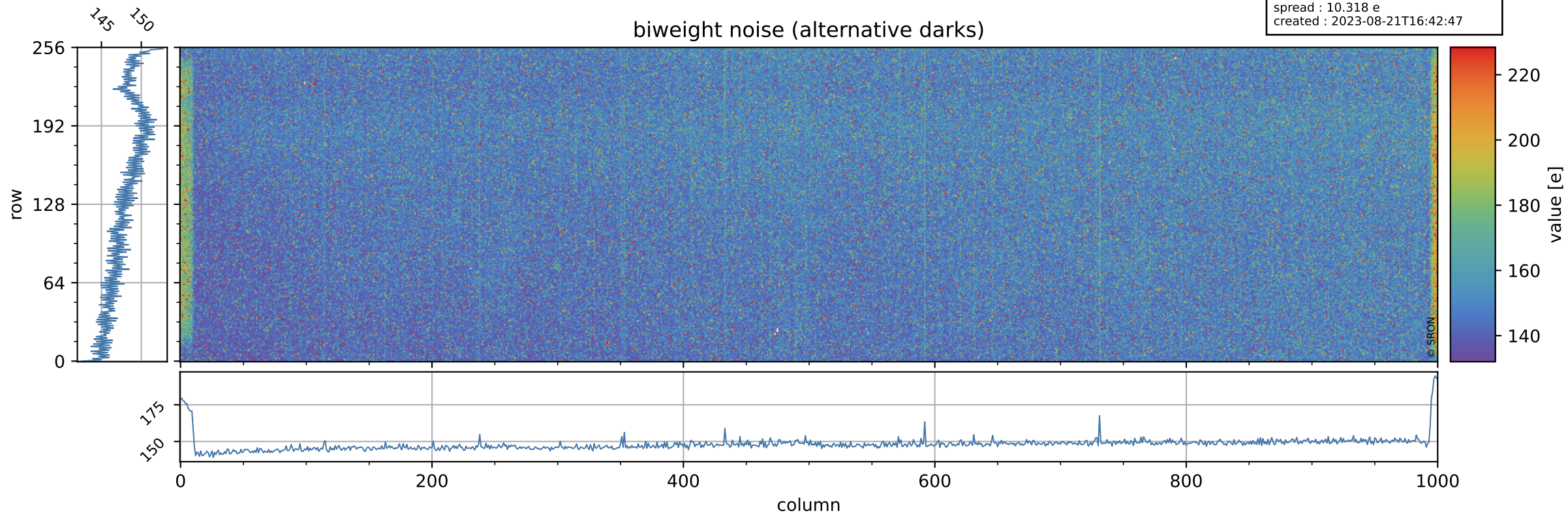
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [25327, 25417]
coverage : 2022-09-02 / 2022-09-08
n_coad, t_exp : 1, 1.0783
median : 147.87 e
spread : 10.318 e
created : 2023-08-21T16:42:47

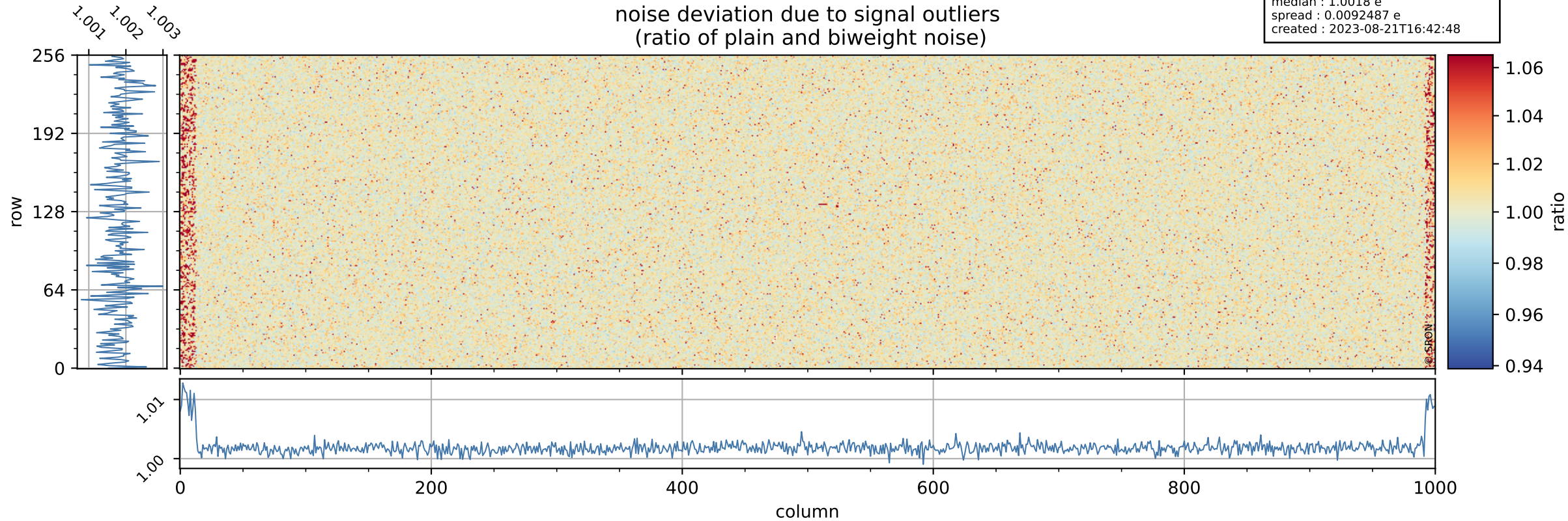
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

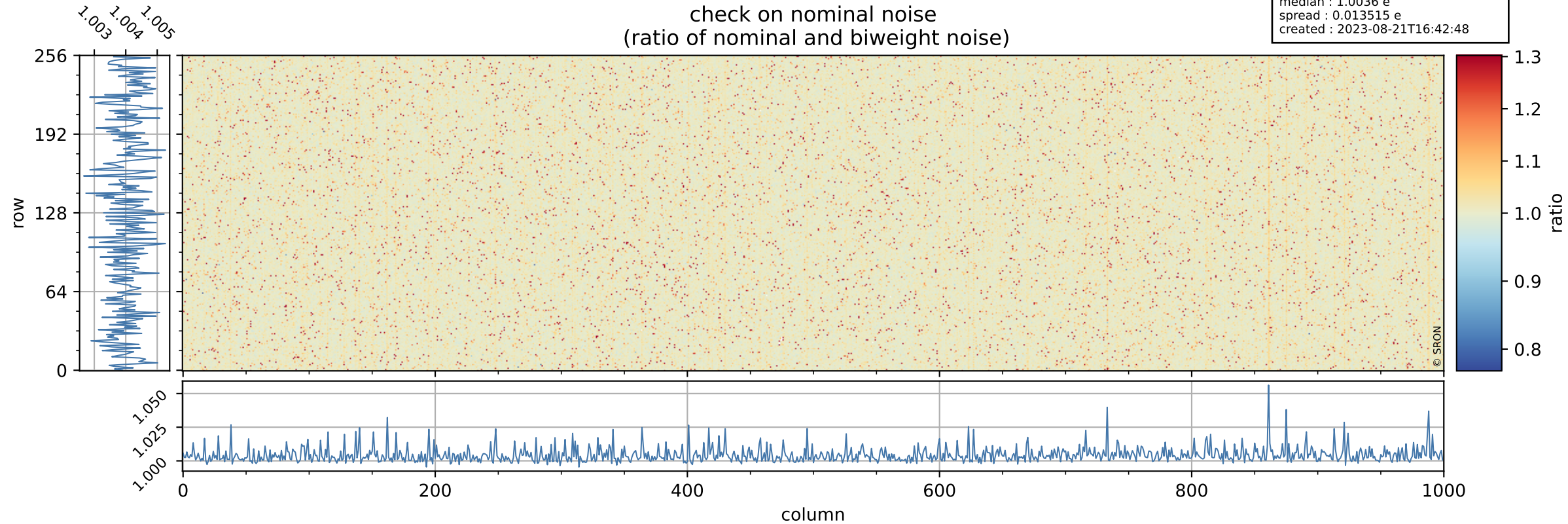
orbits : 11 in [25327, 25417]
coverage : 2022-09-02 / 2022-09-08
median : 1.0018 e
spread : 0.0092487 e
created : 2023-08-21T16:42:48



Tropomi SWIR background noise (swir)

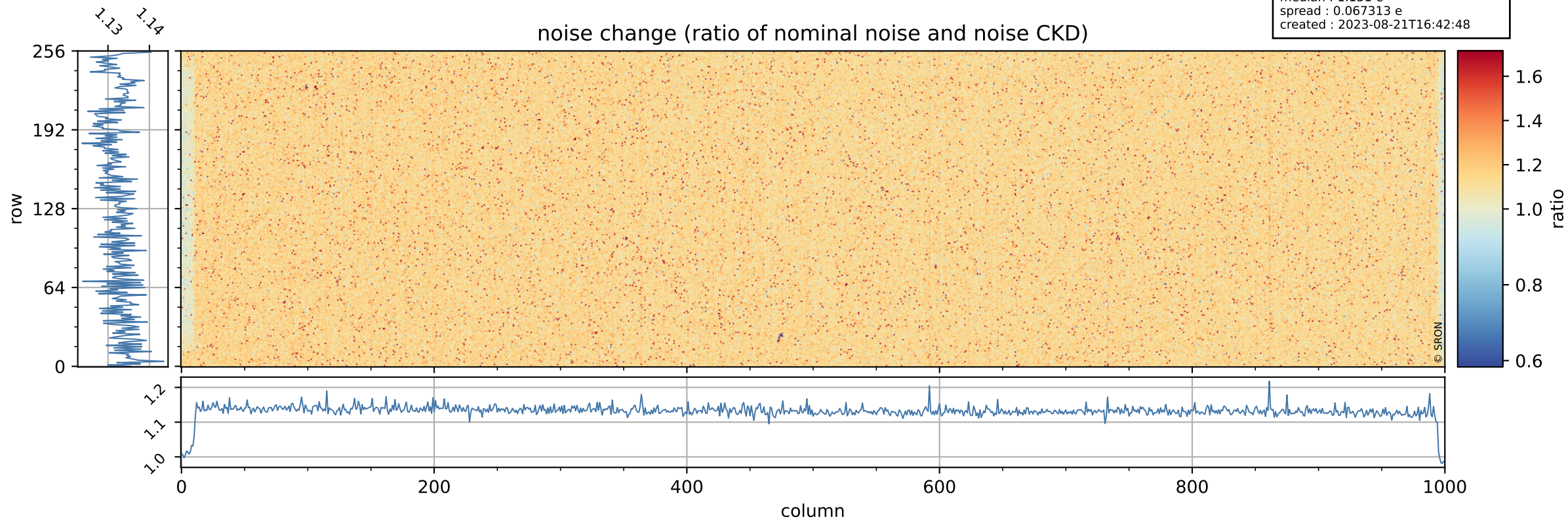
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [25327, 25417]
coverage : 2022-09-02 / 2022-09-08
median : 1.0036 e
spread : 0.013515 e
created : 2023-08-21T16:42:48



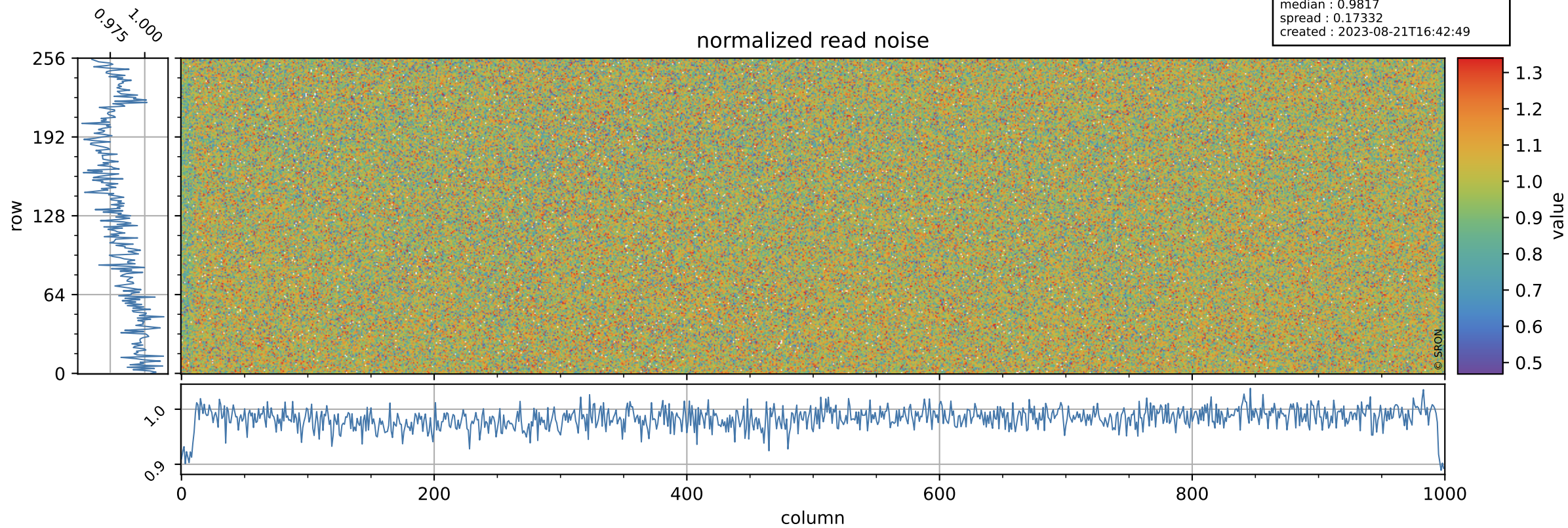
Tropomi SWIR background noise (swir)

orbits : 11 in [25327, 25417]
coverage : 2022-09-02 / 2022-09-08
median : 1.131 e
spread : 0.067313 e
created : 2023-08-21T16:42:48



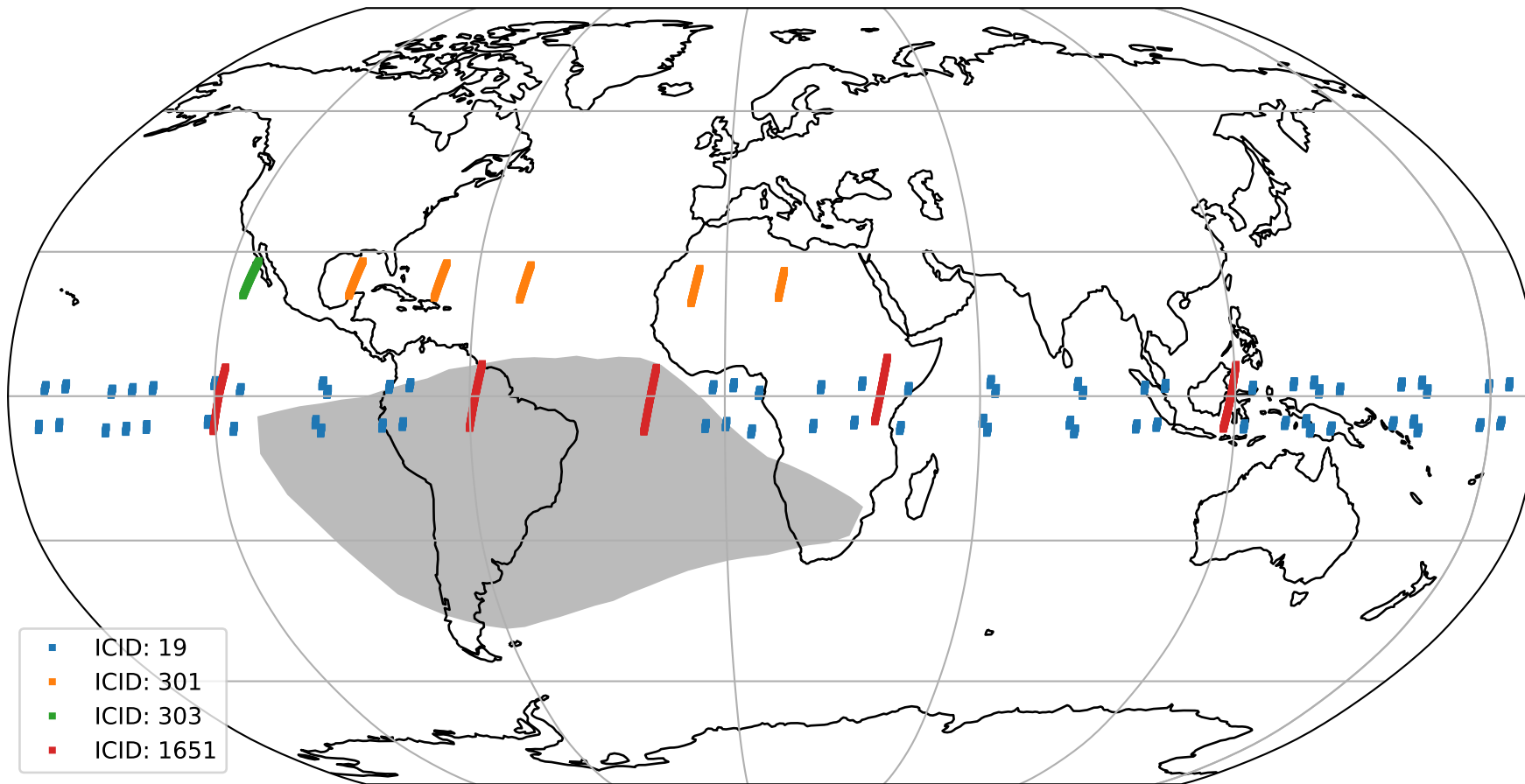
Tropomi SWIR background noise (swir)

orbits : 11 in [25327, 25417]
coverage : 2022-09-02 / 2022-09-08
median : 0.9817
spread : 0.17332
created : 2023-08-21T16:42:49



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

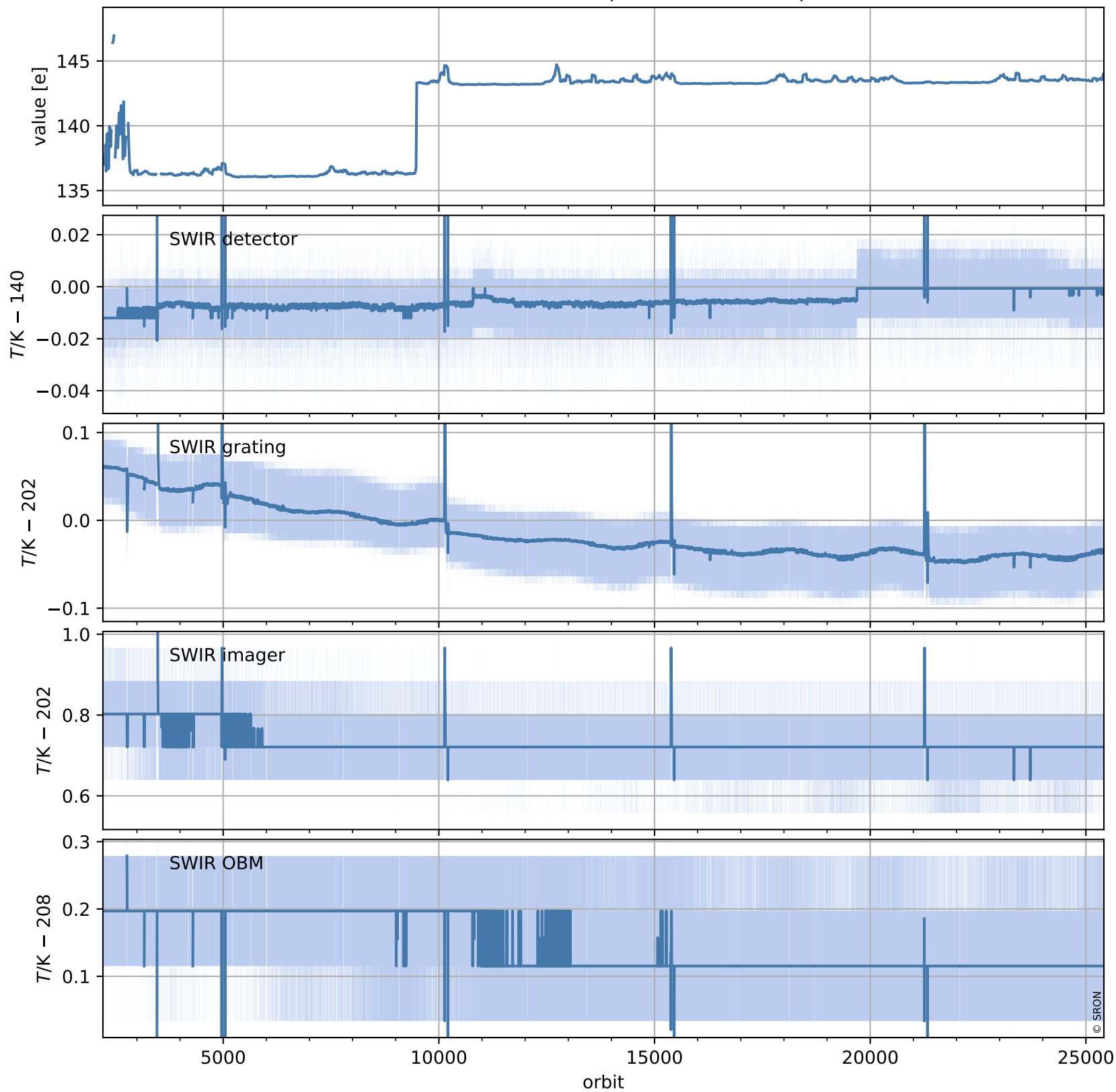
orbits : 11 in [25327, 25417]
coverage : 2022-09-02 / 2022-09-08
created : 2023-08-21T16:42:49



Tropomi SWIR background noise (swir)

orbits : [2212, 25417]
coverage : 2018-03-18 / 2022-09-08
created : 2023-08-21T16:42:49

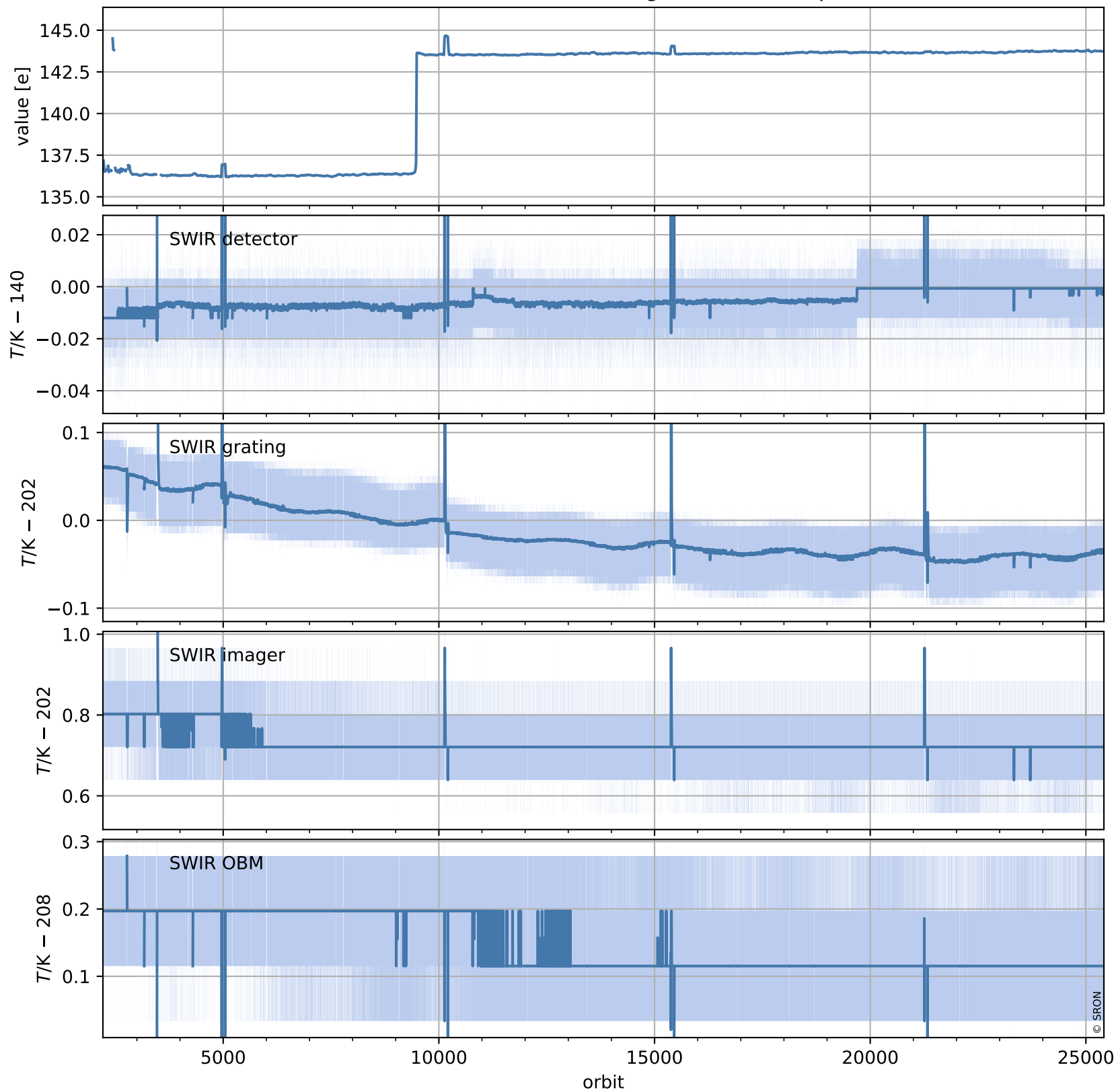
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25417]
coverage : 2018-03-18 / 2022-09-08
created : 2023-08-21T16:42:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25417]
coverage : 2018-03-18 / 2022-09-08
created : 2023-08-21T16:42:51

trend of normalized read-noise & temperatures

