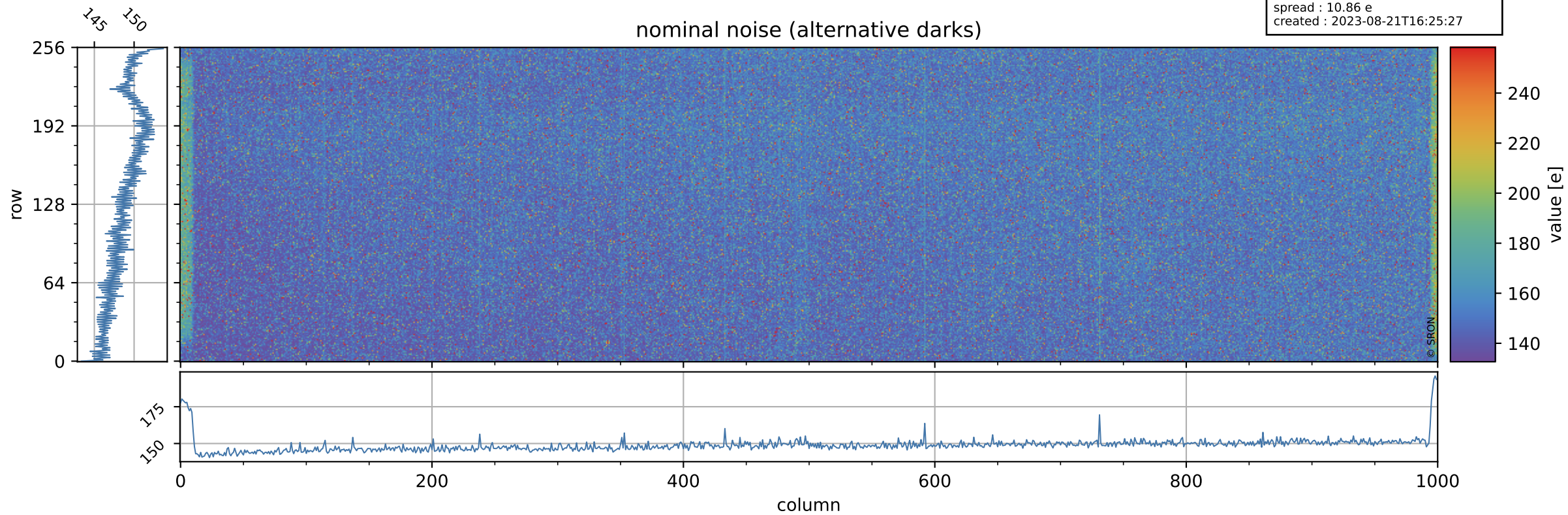


Tropomi SWIR background noise (swir)

orbits : 13 in [22612, 22687]
coverage : 2022-02-22 / 2022-02-27
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.86 e
created : 2023-08-21T16:25:27

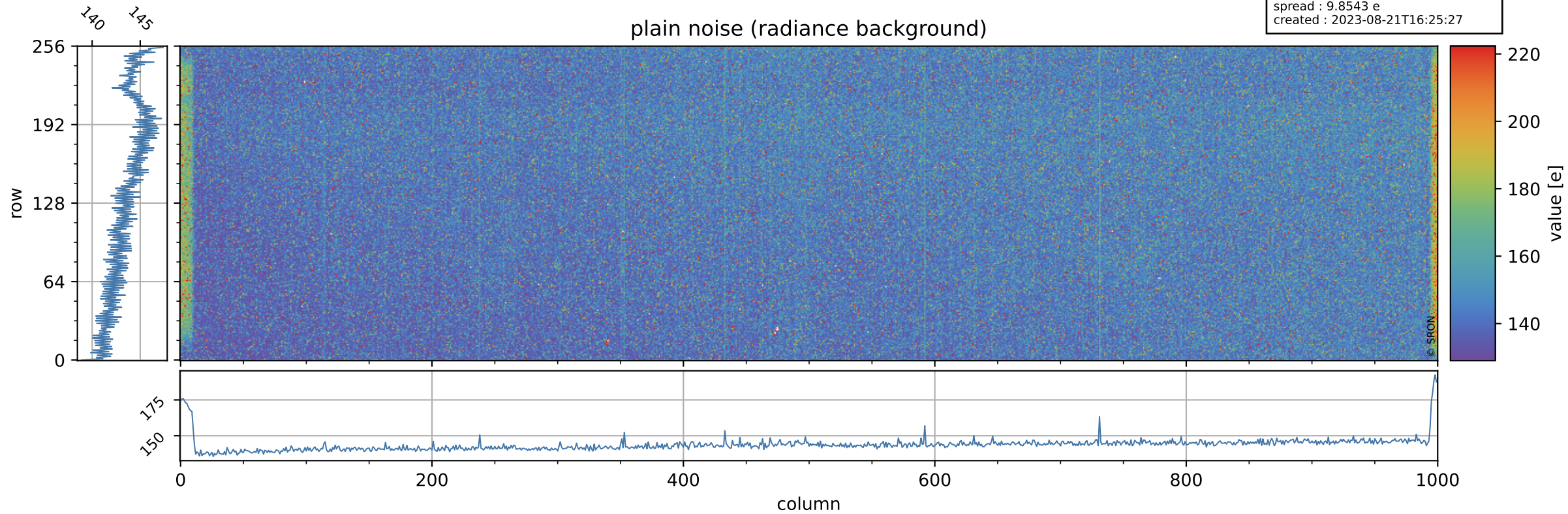
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [22612, 22687]
coverage : 2022-02-22 / 2022-02-27
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.8543 e
created : 2023-08-21T16:25:27

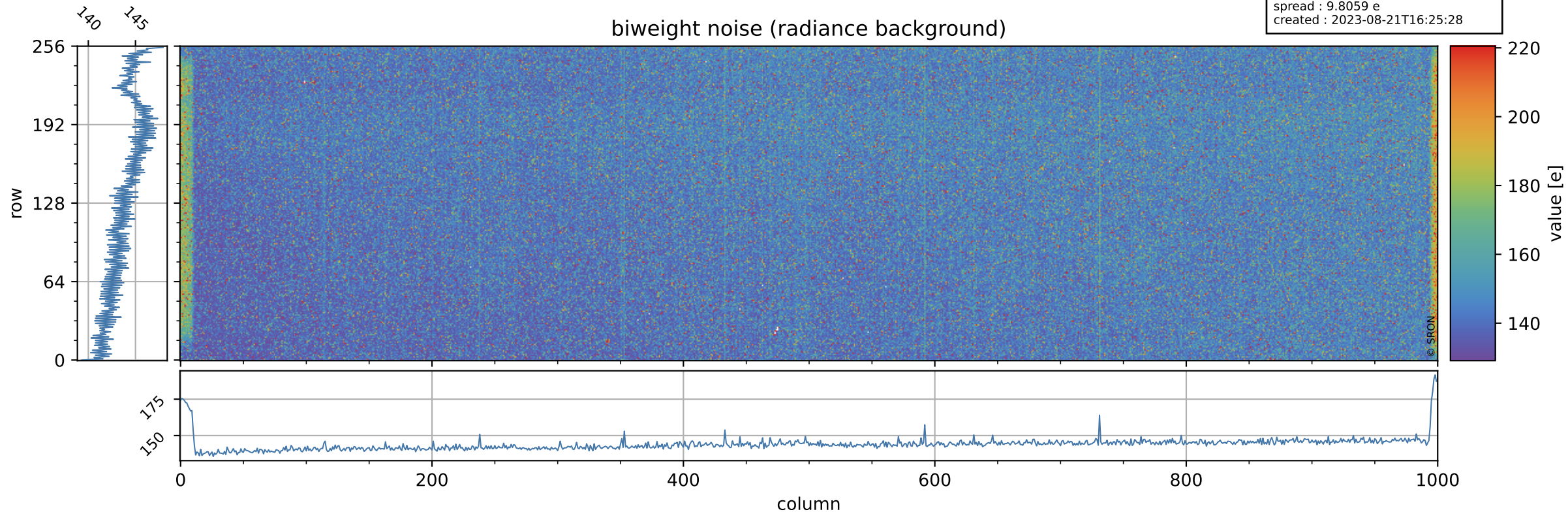
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22612, 22687]
coverage : 2022-02-22 / 2022-02-27
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.8059 e
created : 2023-08-21T16:25:28

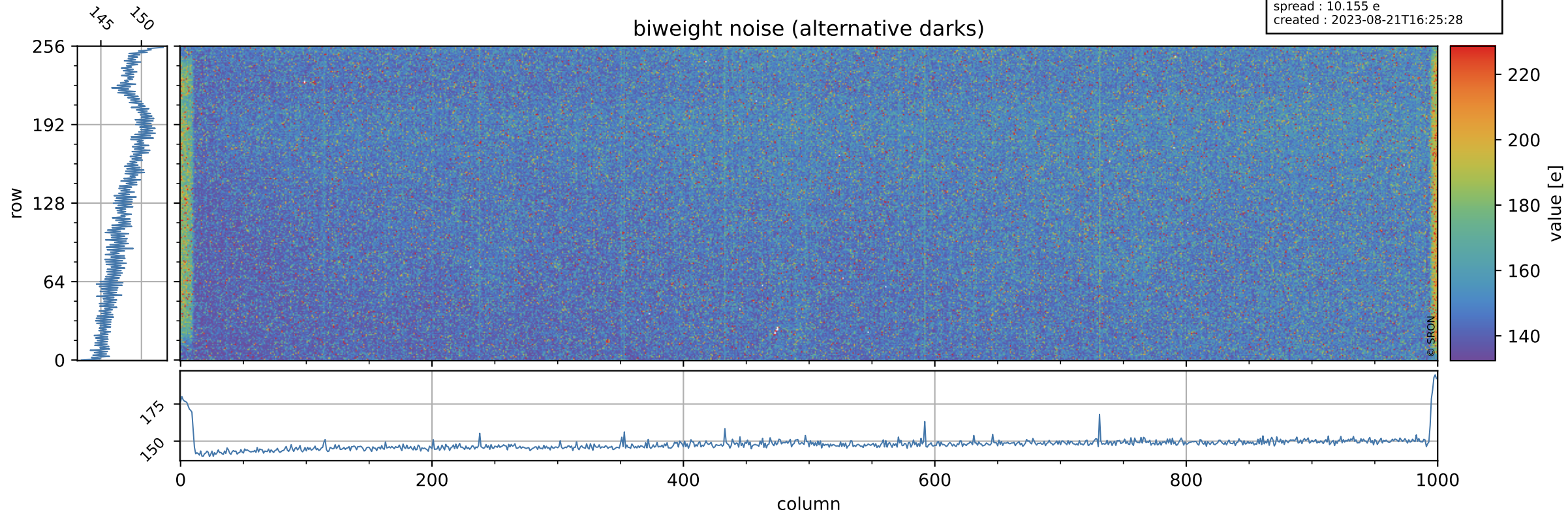
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22612, 22687]
coverage : 2022-02-22 / 2022-02-27
n_coad, t_exp : 1, 1.0783
median : 147.83 e
spread : 10.155 e
created : 2023-08-21T16:25:28

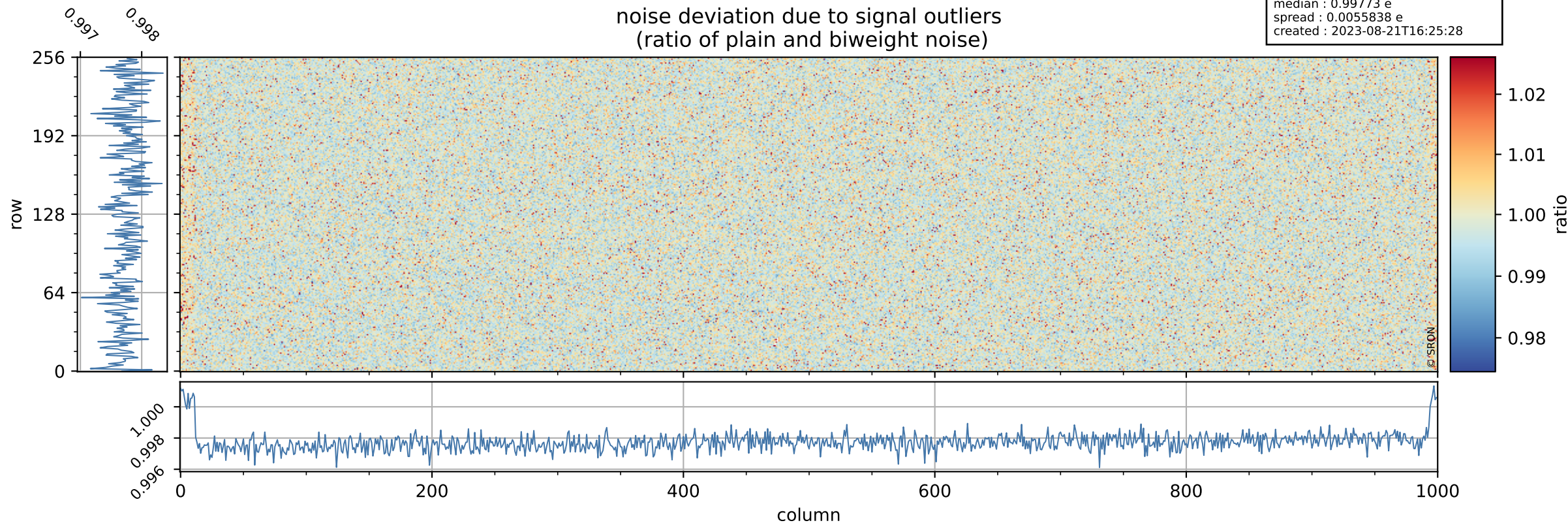
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

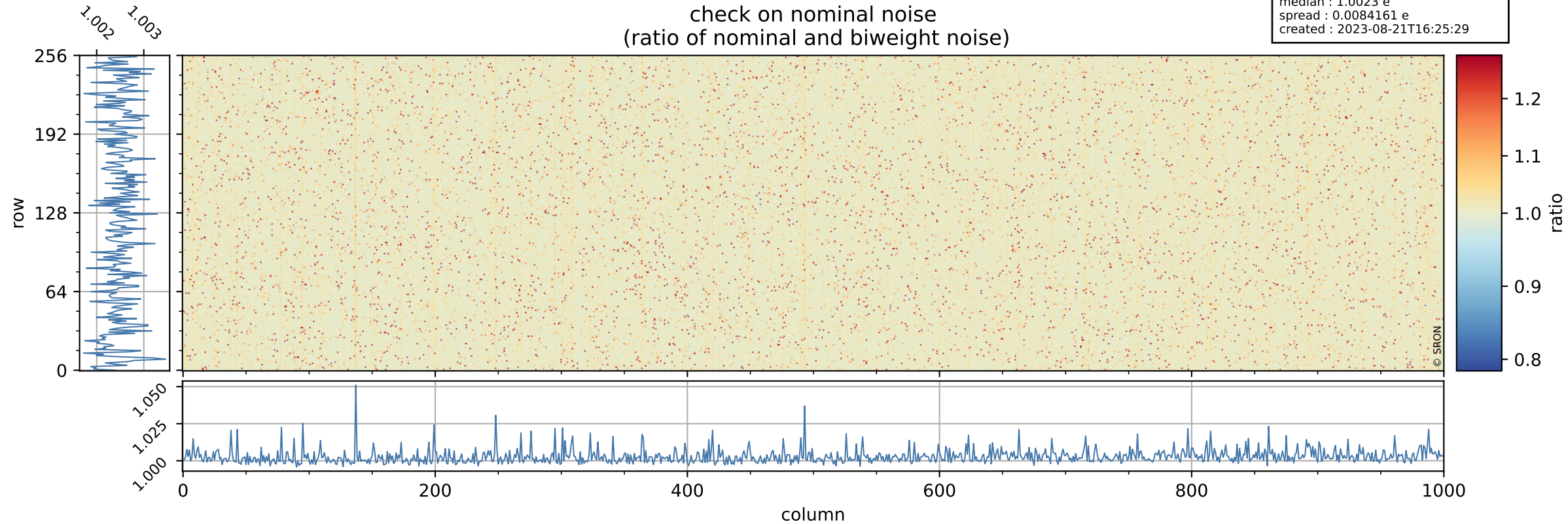
orbits : 13 in [22612, 22687]
coverage : 2022-02-22 / 2022-02-27
median : 0.99773 e
spread : 0.0055838 e
created : 2023-08-21T16:25:28



Tropomi SWIR background noise (swir)

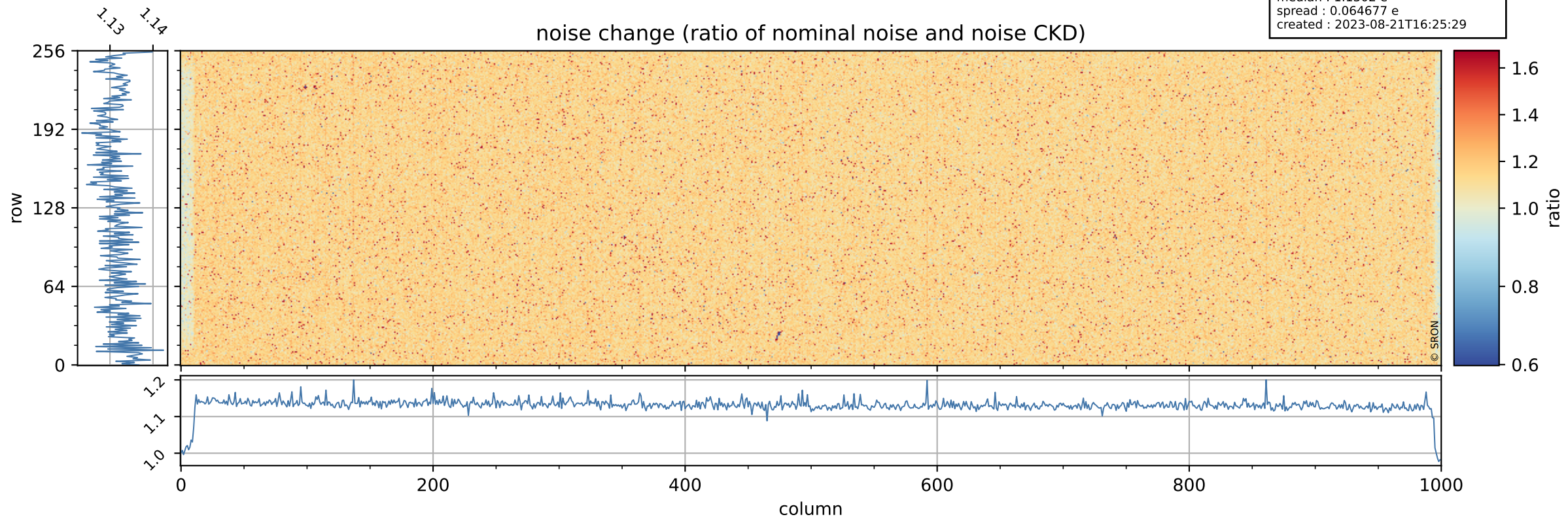
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [22612, 22687]
coverage : 2022-02-22 / 2022-02-27
median : 1.0023 e
spread : 0.0084161 e
created : 2023-08-21T16:25:29



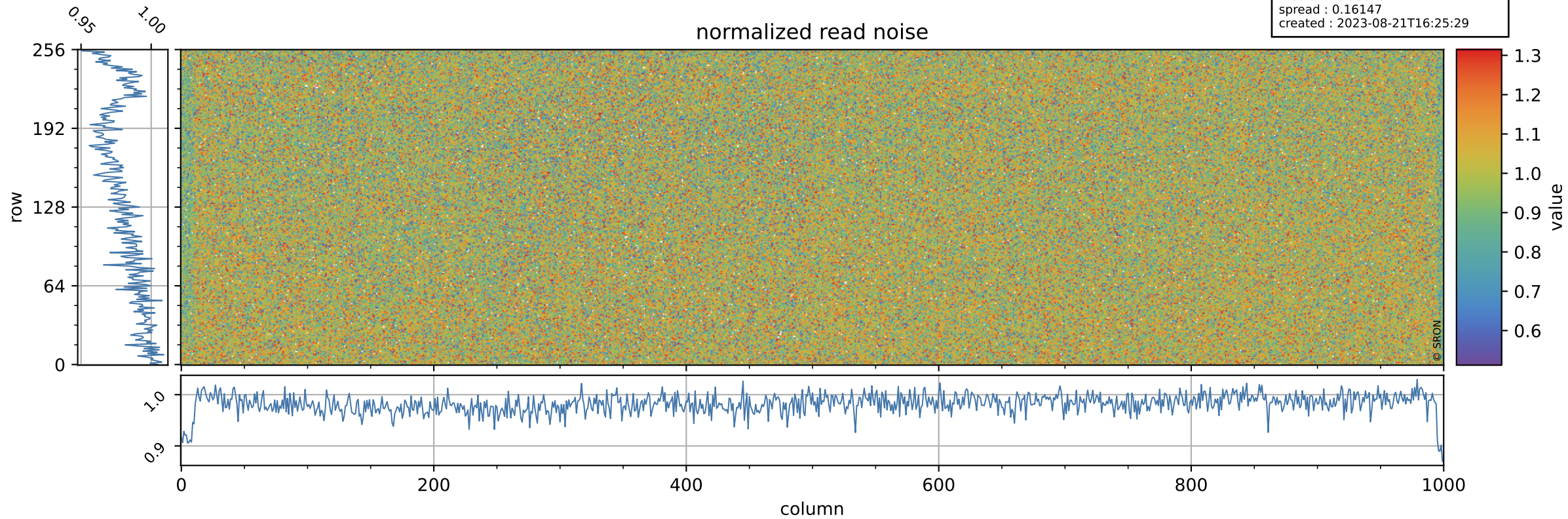
Tropomi SWIR background noise (swir)

orbits : 13 in [22612, 22687]
coverage : 2022-02-22 / 2022-02-27
median : 1.1302 e
spread : 0.064677 e
created : 2023-08-21T16:25:29



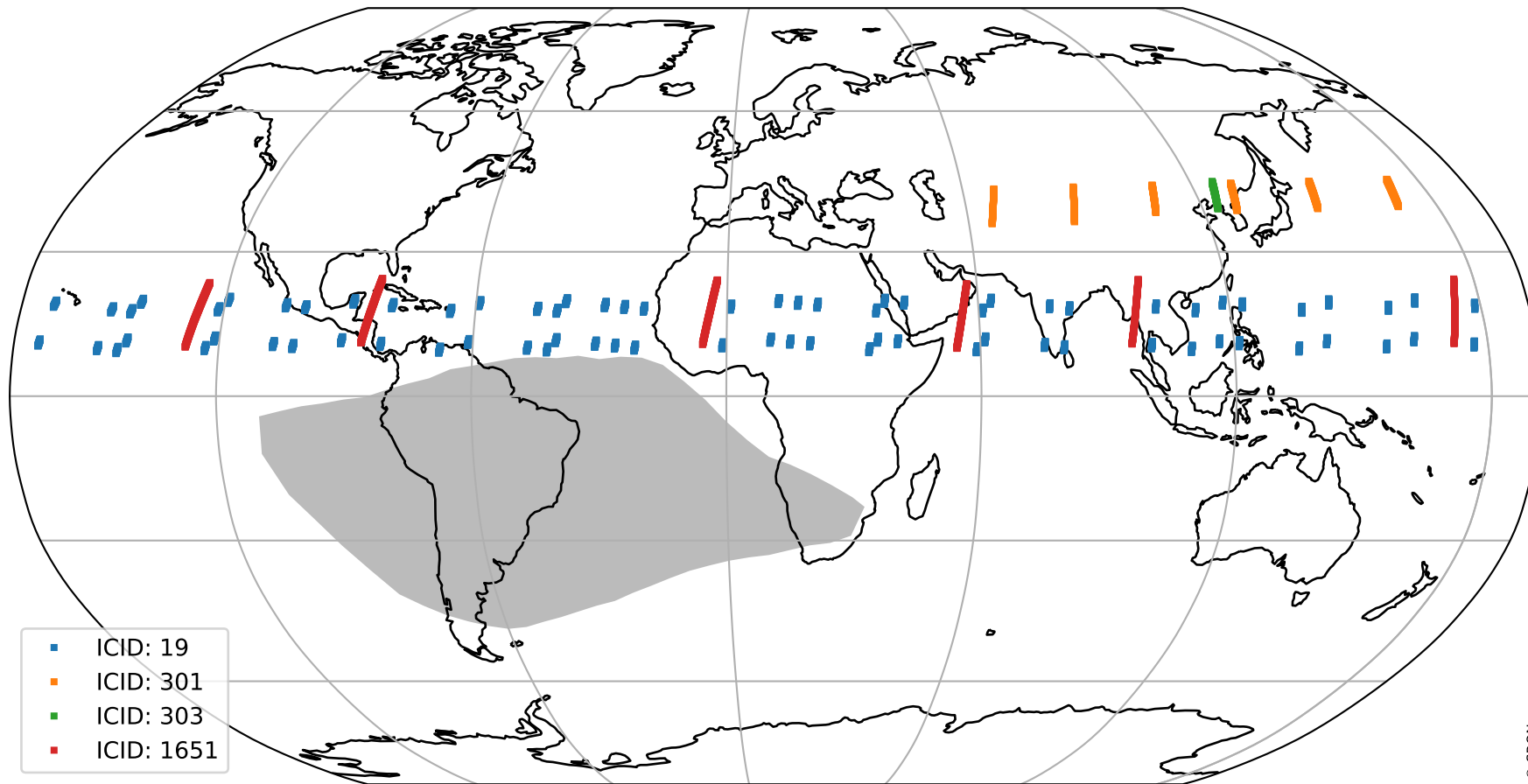
Tropomi SWIR background noise (swir)

orbits : 13 in [22612, 22687]
coverage : 2022-02-22 / 2022-02-27
median : 0.98075
spread : 0.16147
created : 2023-08-21T16:25:29



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

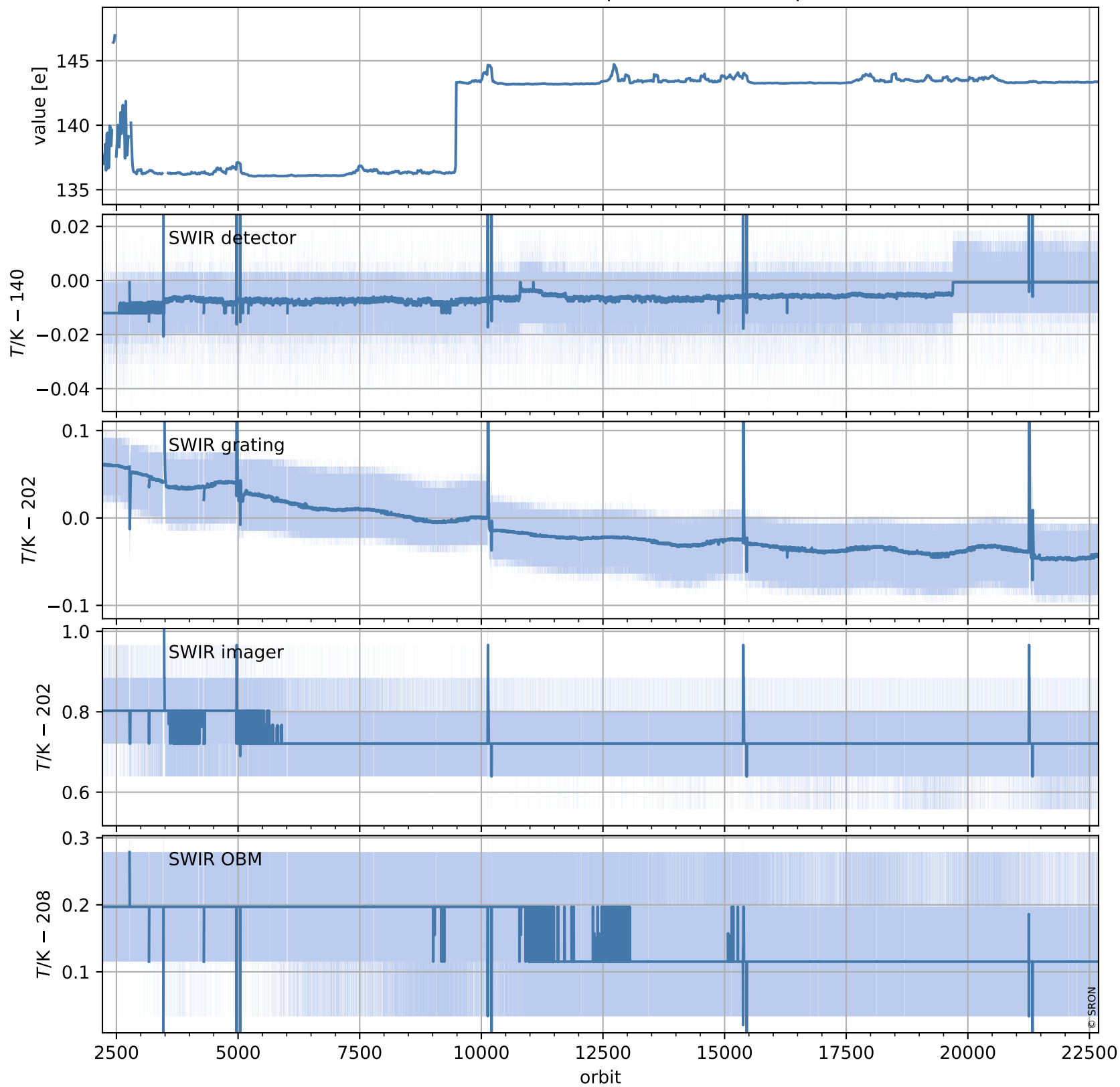
orbits : 13 in [22612, 22687]
coverage : 2022-02-22 / 2022-02-27
created : 2023-08-21T16:25:29



Tropomi SWIR background noise (swir)

orbits : [2212, 22687]
coverage : 2018-03-18 / 2022-02-27
created : 2023-08-21T16:25:30

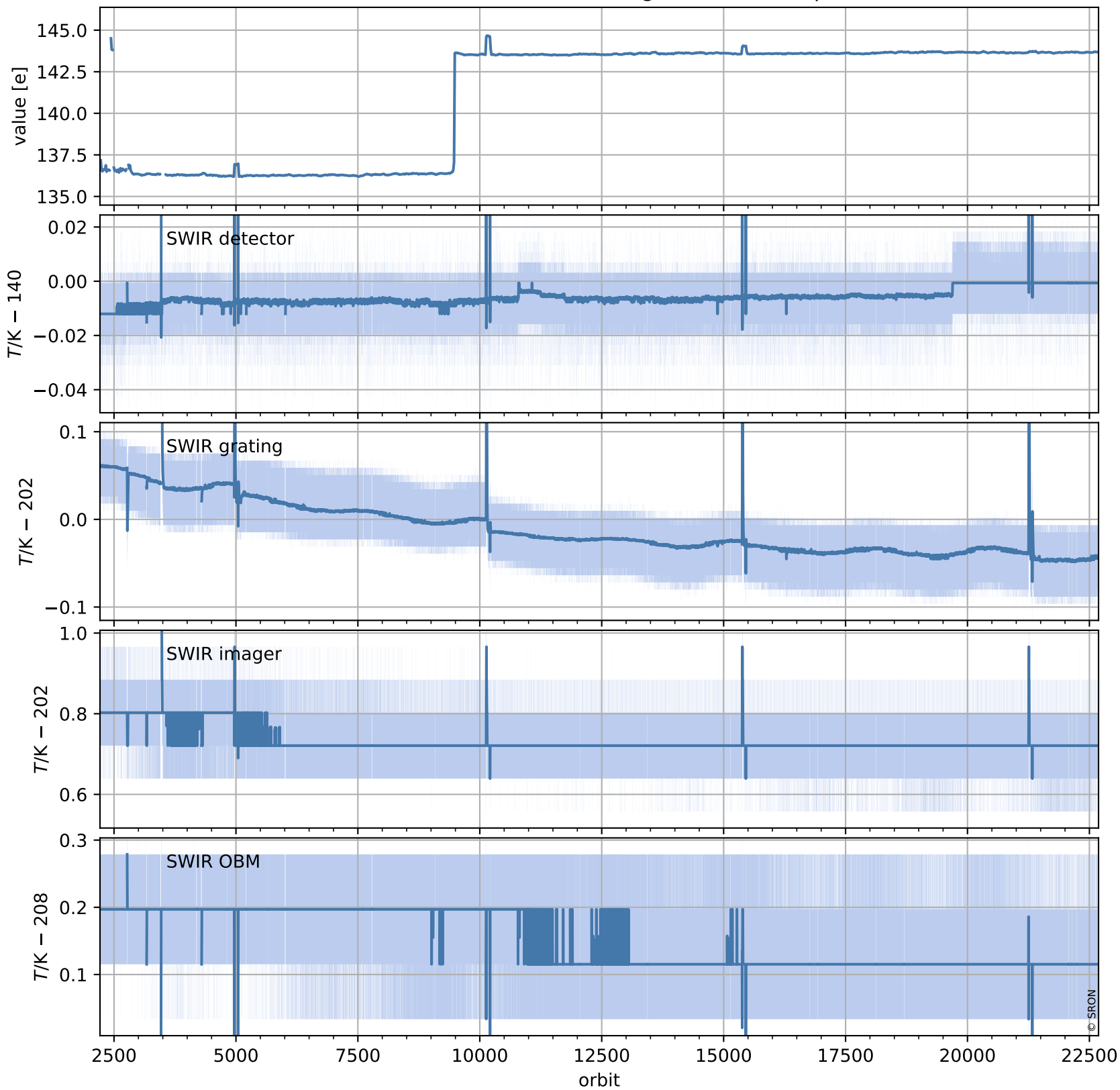
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22687]
coverage : 2018-03-18 / 2022-02-27
created : 2023-08-21T16:25:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22687]
coverage : 2018-03-18 / 2022-02-27
created : 2023-08-21T16:25:32

trend of normalized read-noise & temperatures

