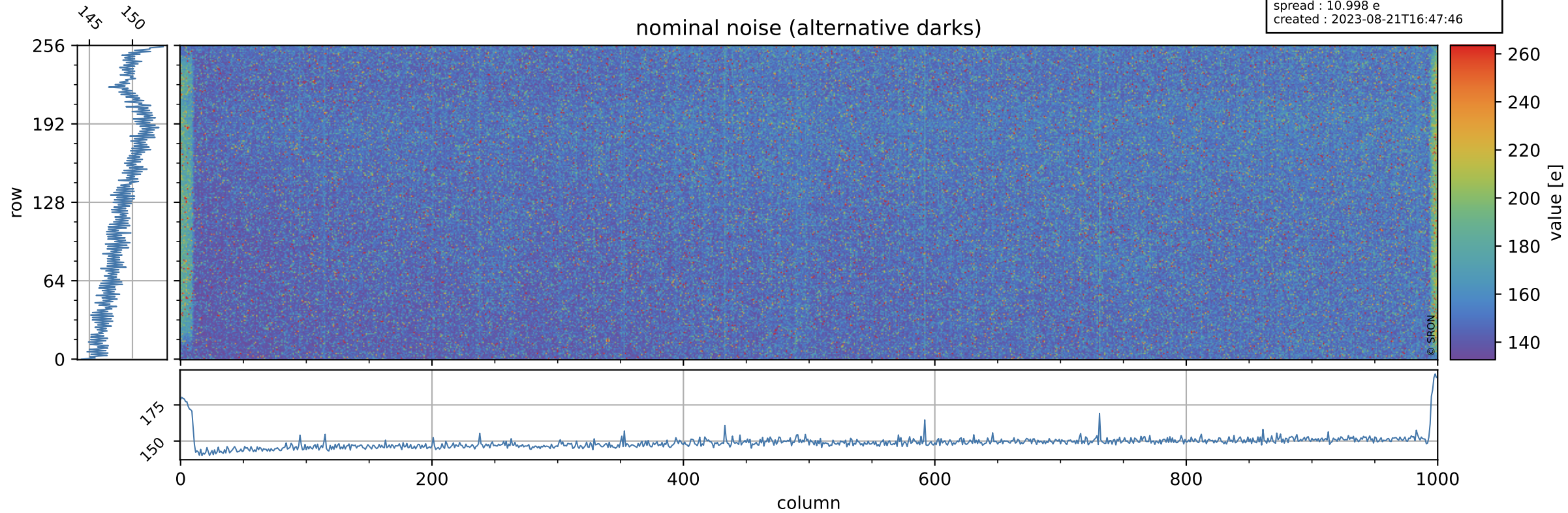


Tropomi SWIR background noise (swir)

orbits : 13 in [26152, 26242]
coverage : 2022-10-31 / 2022-11-05
n_coad, t_exp : 1, 1.0783
median : 148.85 e
spread : 10.998 e
created : 2023-08-21T16:47:46

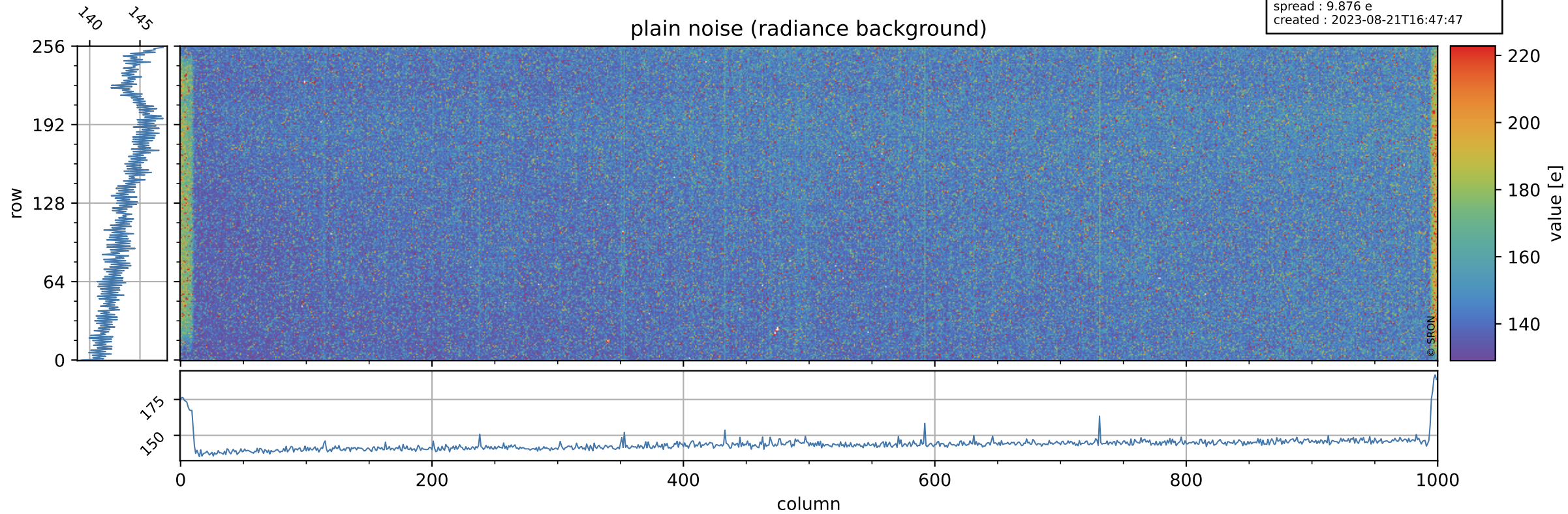
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [26152, 26242]
coverage : 2022-10-31 / 2022-11-05
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.876 e
created : 2023-08-21T16:47:47

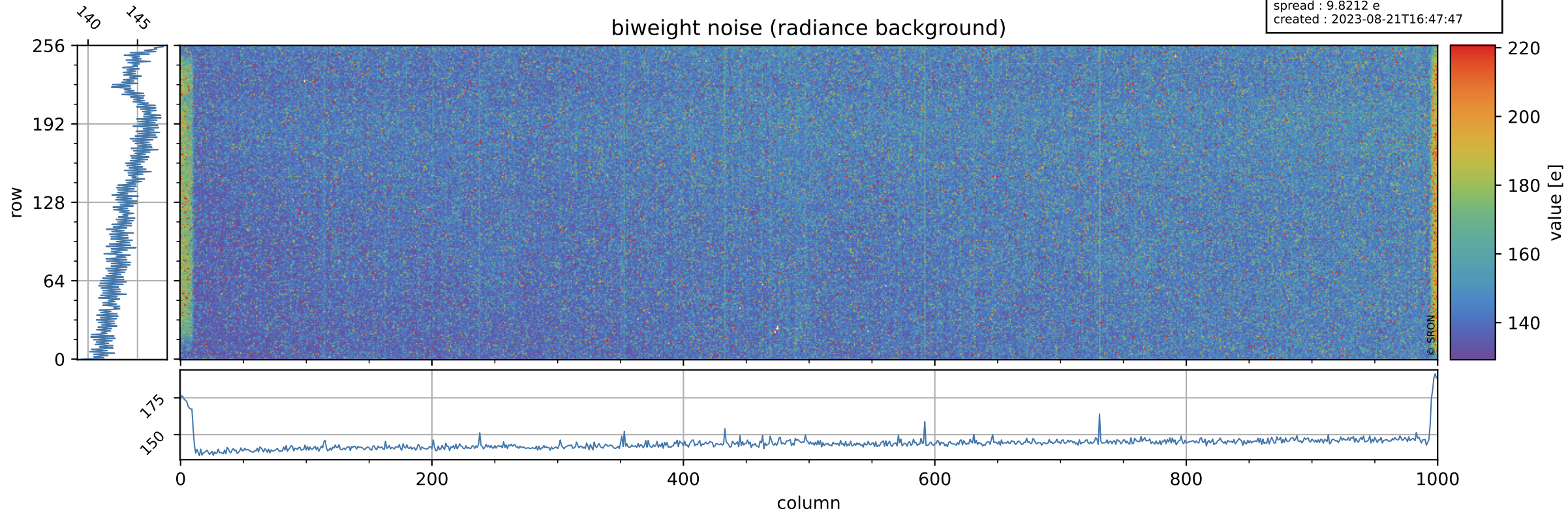
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [26152, 26242]
coverage : 2022-10-31 / 2022-11-05
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.8212 e
created : 2023-08-21T16:47:47

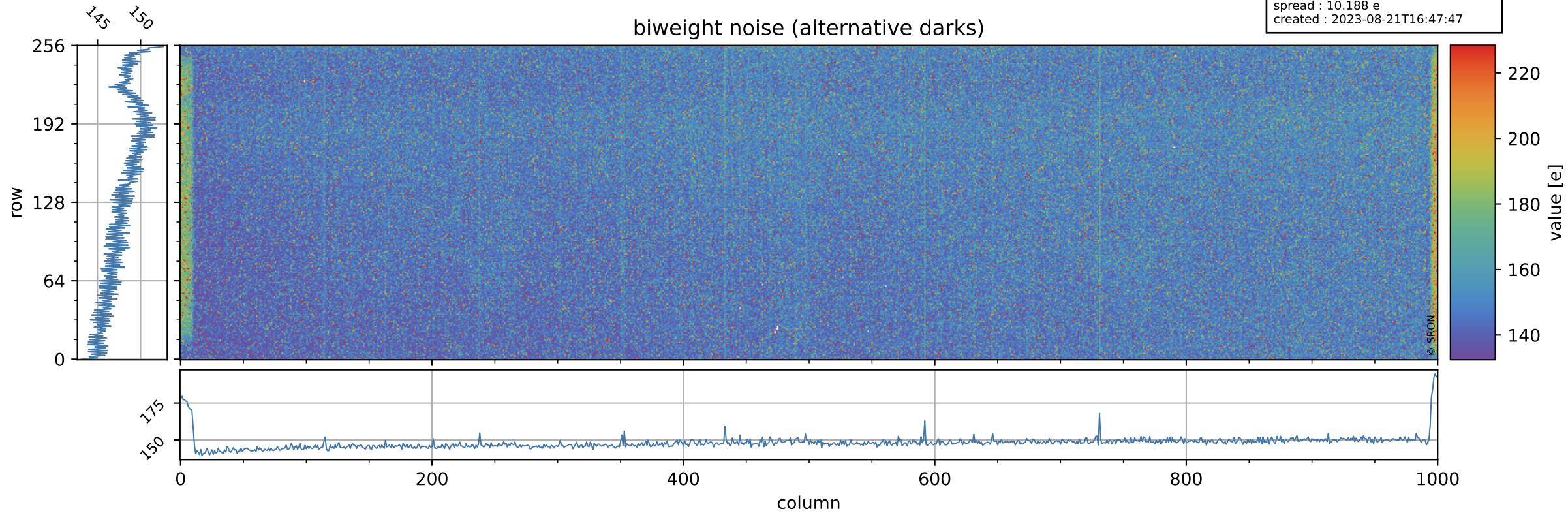
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [26152, 26242]
coverage : 2022-10-31 / 2022-11-05
n_coad, t_exp : 1, 1.0783
median : 147.86 e
spread : 10.188 e
created : 2023-08-21T16:47:47

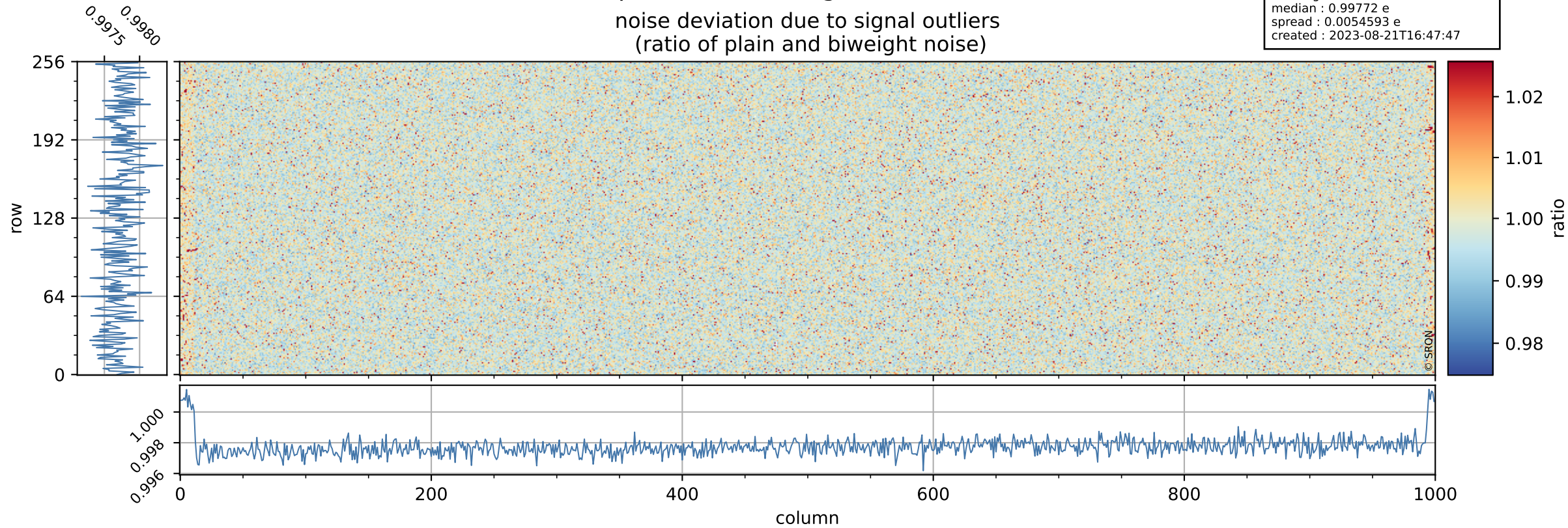
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

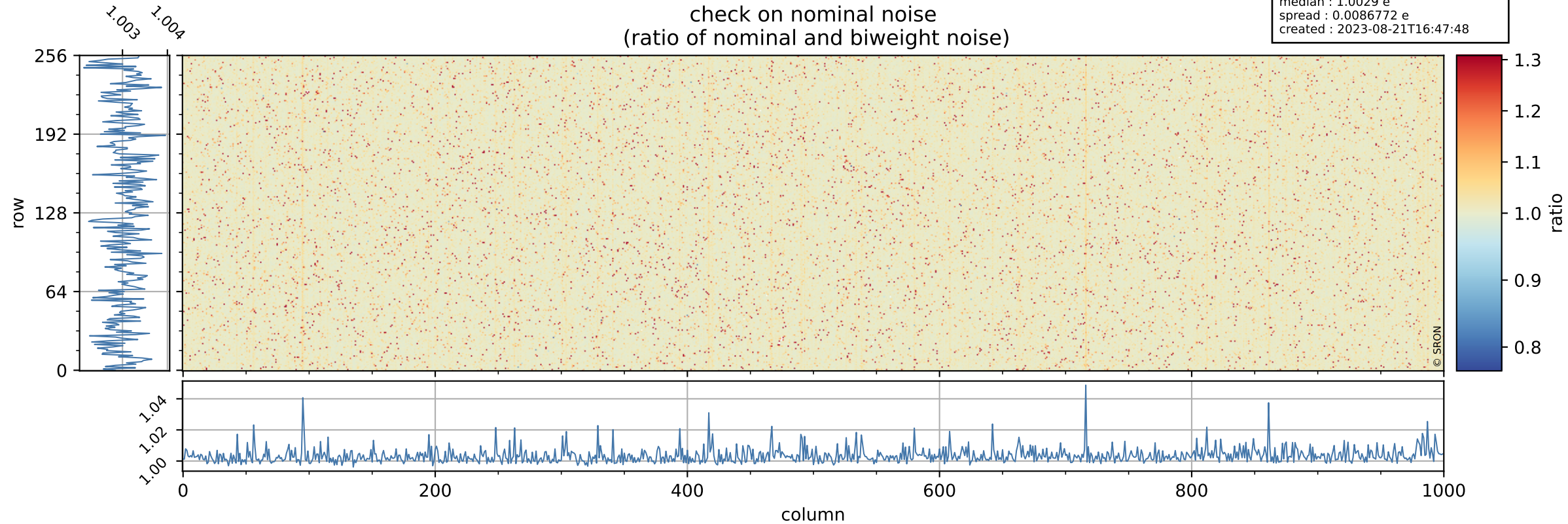
orbits : 13 in [26152, 26242]
coverage : 2022-10-31 / 2022-11-05
median : 0.99772 e
spread : 0.0054593 e
created : 2023-08-21T16:47:47



Tropomi SWIR background noise (swir)

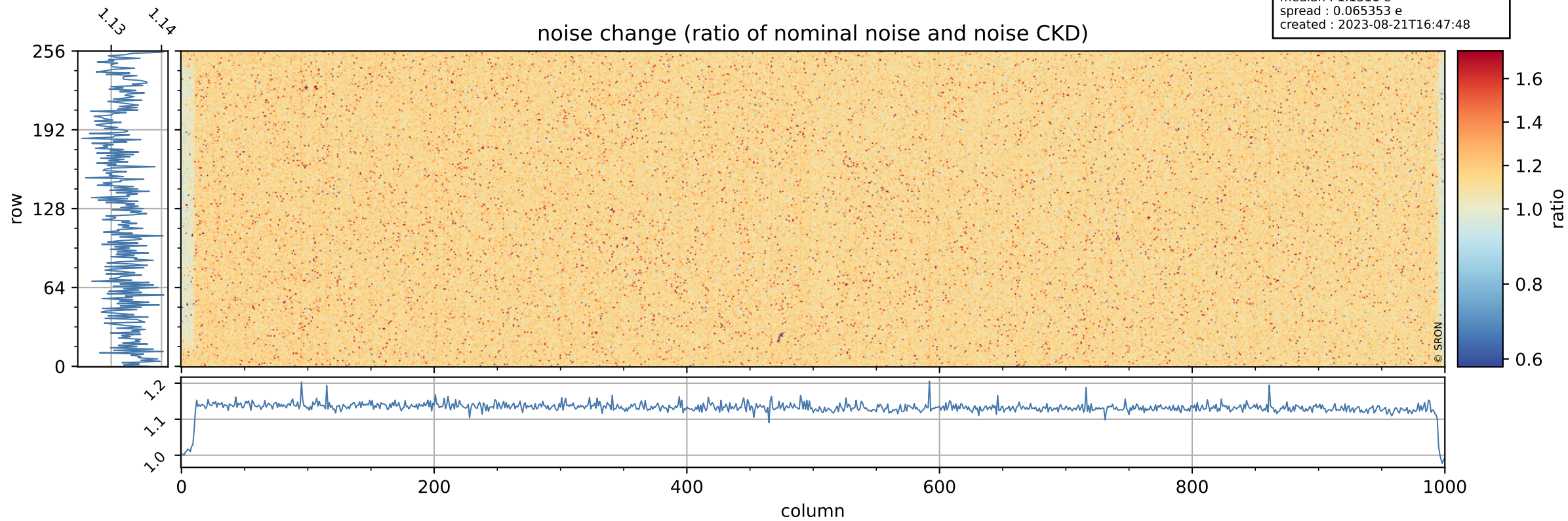
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [26152, 26242]
coverage : 2022-10-31 / 2022-11-05
median : 1.0029 e
spread : 0.0086772 e
created : 2023-08-21T16:47:48



Tropomi SWIR background noise (swir)

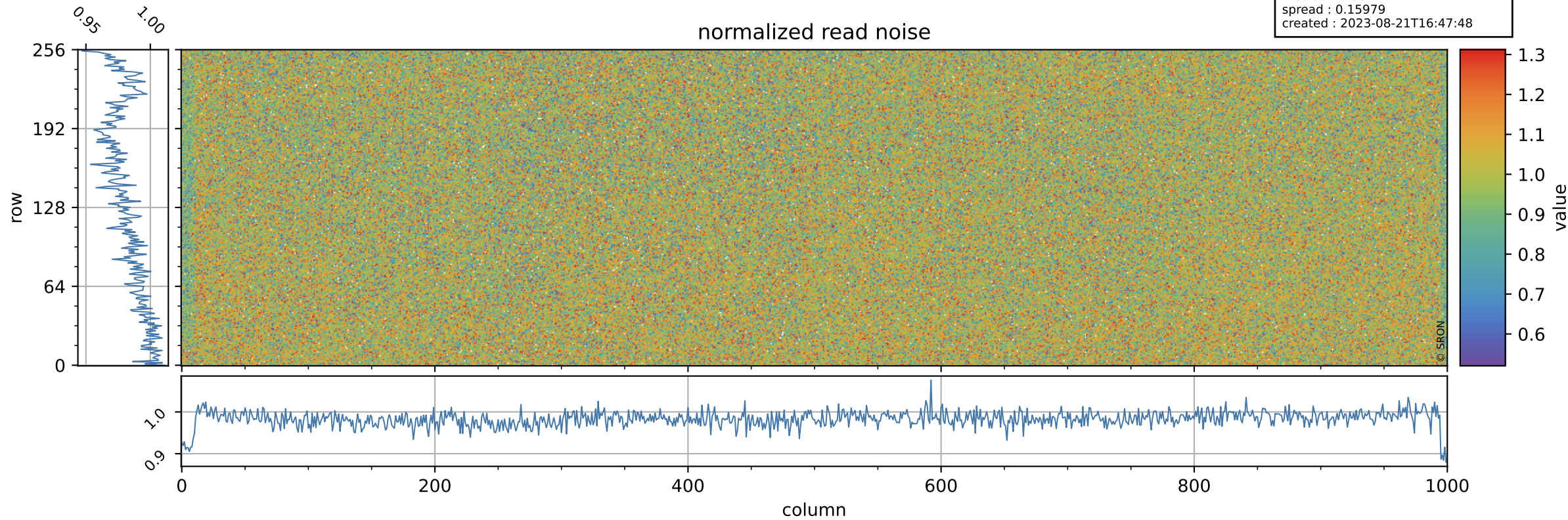
orbits : 13 in [26152, 26242]
coverage : 2022-10-31 / 2022-11-05
median : 1.1311 e
spread : 0.065353 e
created : 2023-08-21T16:47:48



Tropomi SWIR background noise (swir)

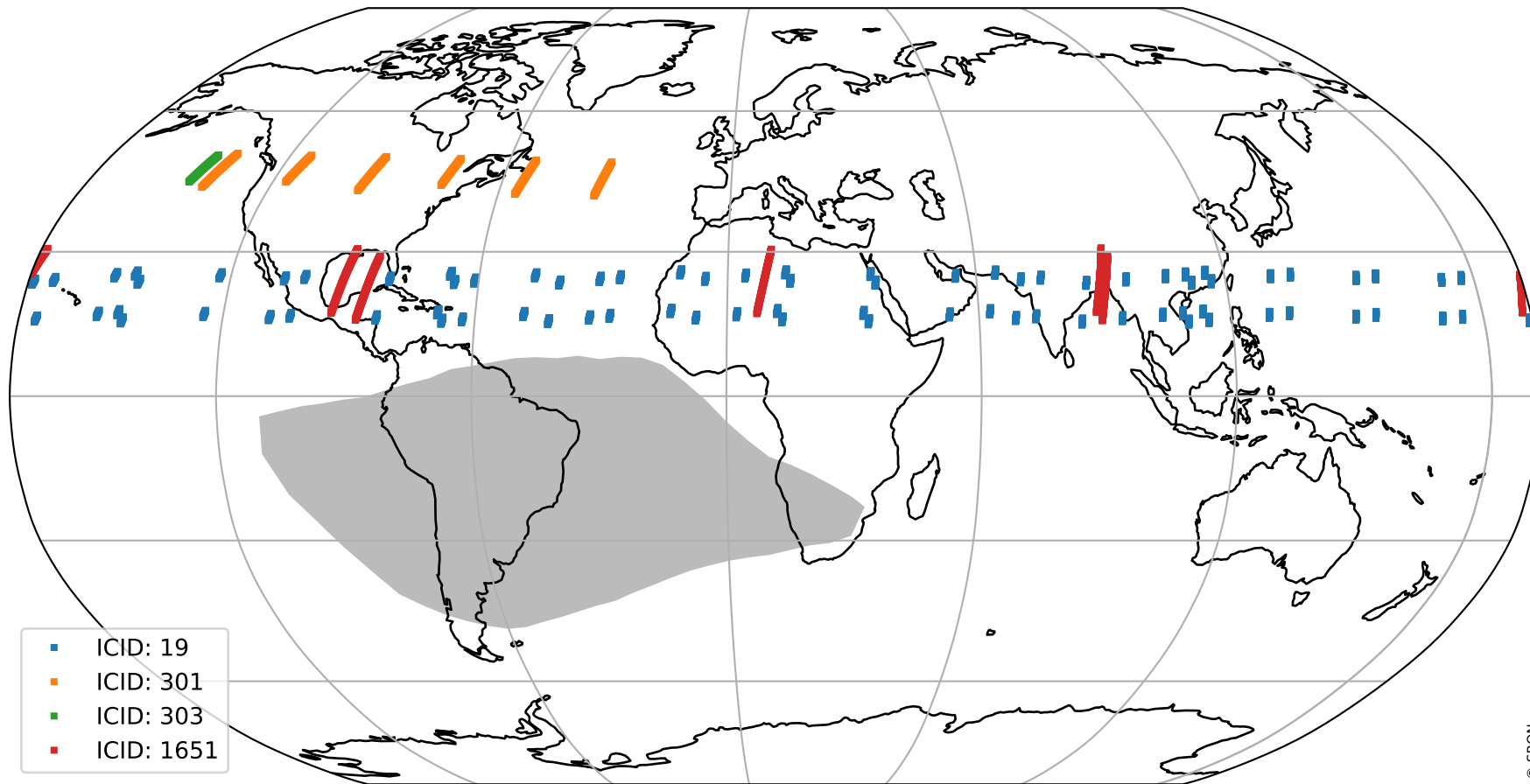
orbits : 13 in [26152, 26242]
coverage : 2022-10-31 / 2022-11-05
median : 0.9817
spread : 0.15979
created : 2023-08-21T16:47:48

normalized read noise



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

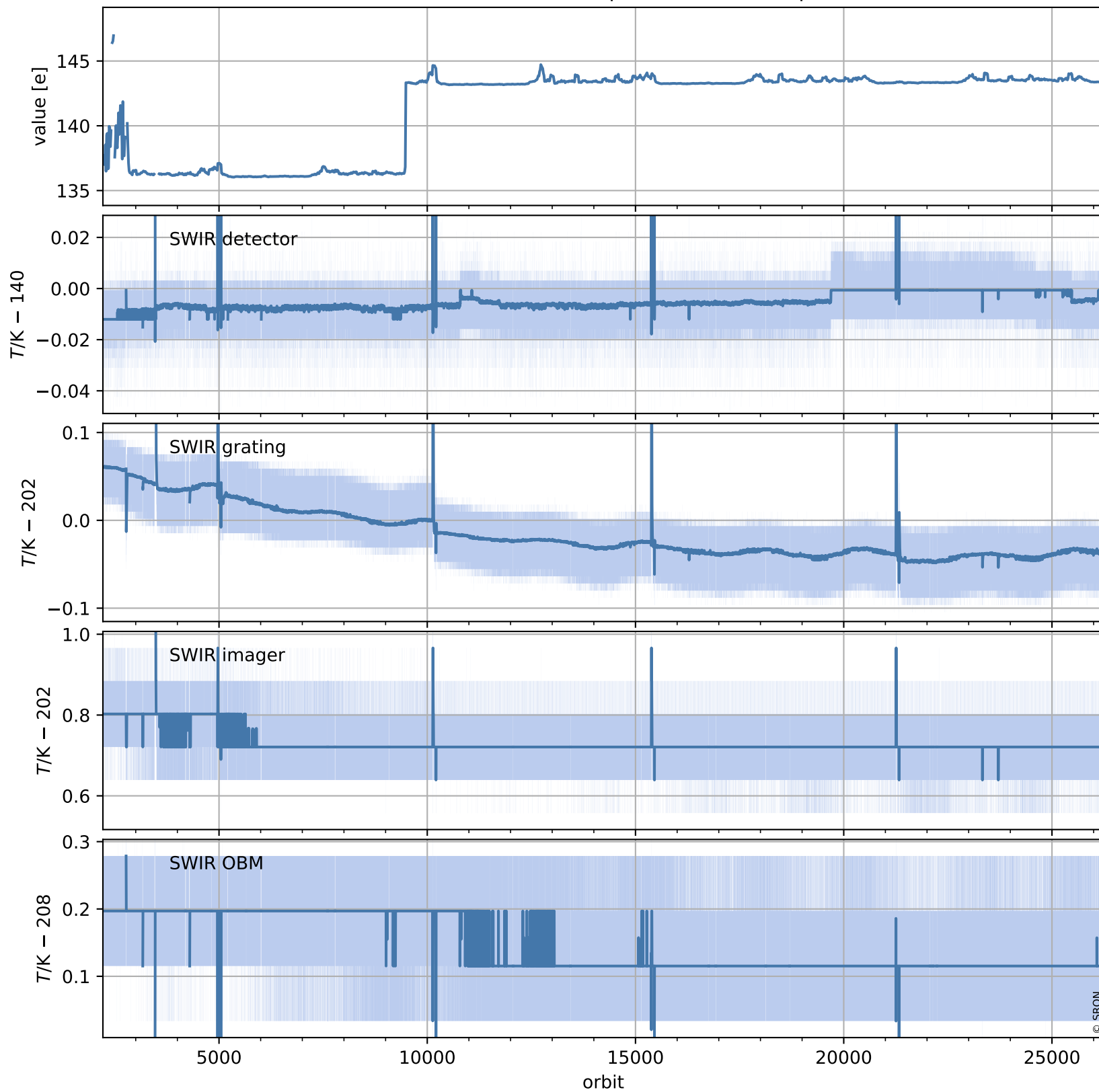
orbits : 13 in [26152, 26242]
coverage : 2022-10-31 / 2022-11-05
created : 2023-08-21T16:47:49



Tropomi SWIR background noise (swir)

orbits : [2212, 26242]
coverage : 2018-03-18 / 2022-11-05
created : 2023-08-21T16:47:49

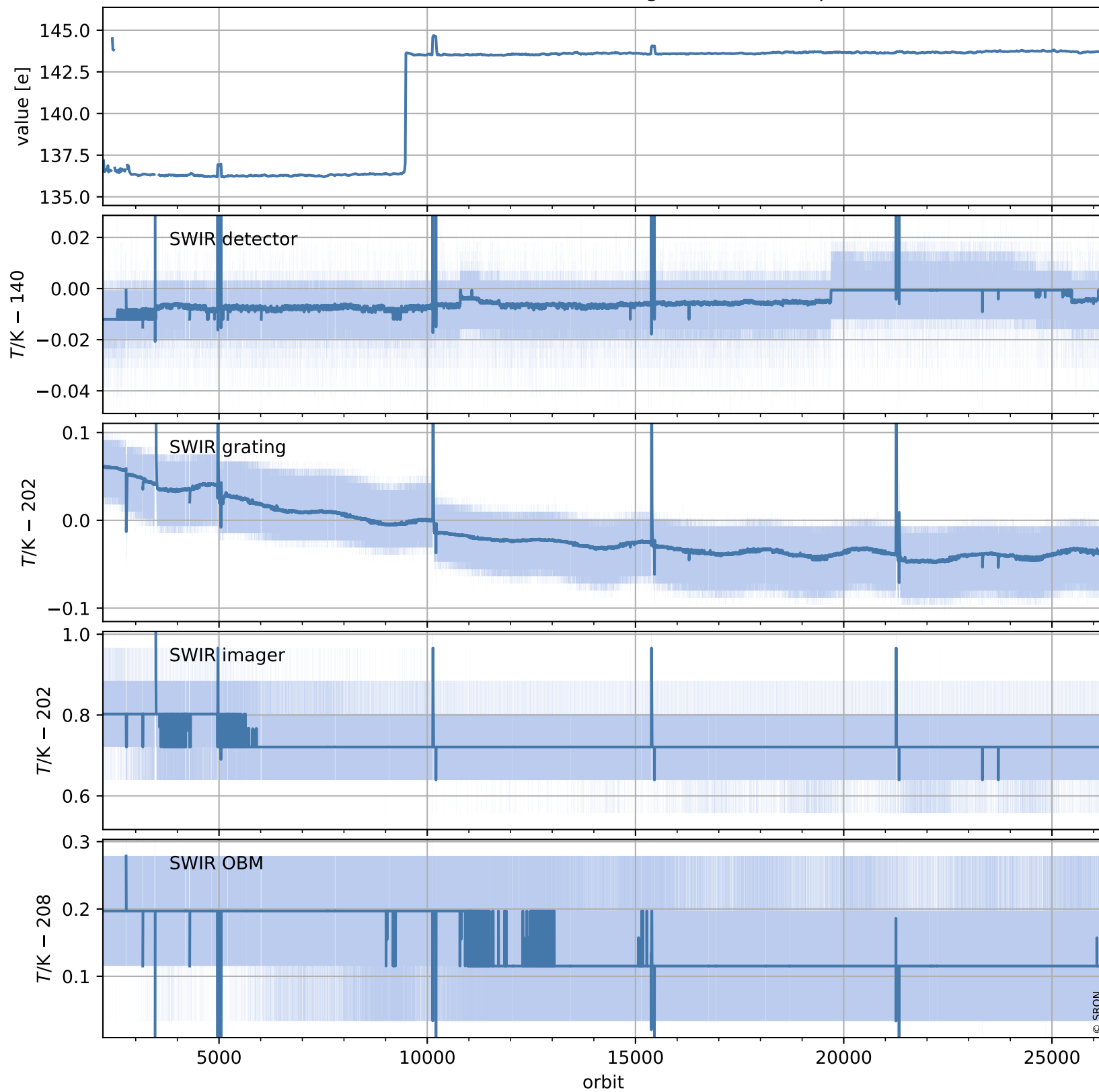
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26242]
coverage : 2018-03-18 / 2022-11-05
created : 2023-08-21T16:47:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26242]
coverage : 2018-03-18 / 2022-11-05
created : 2023-08-21T16:47:51

trend of normalized read-noise & temperatures

