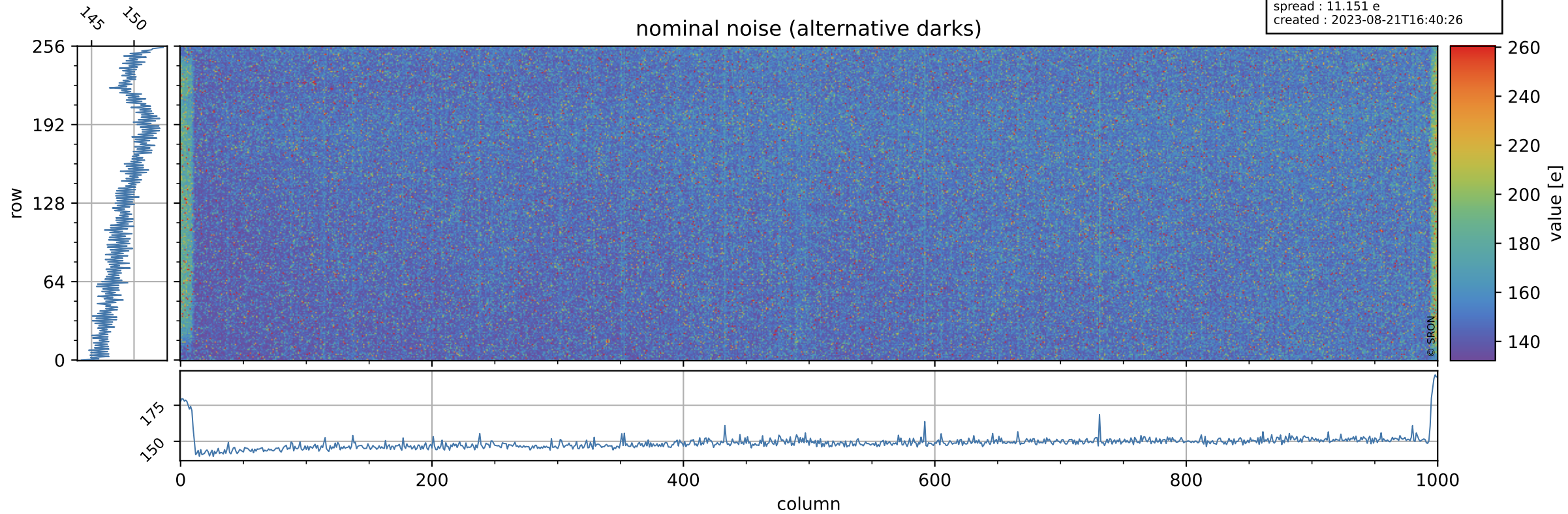


Tropomi SWIR background noise (swir)

orbits : 12 in [24952, 25027]
coverage : 2022-08-06 / 2022-08-11
n_coad, t_exp : 1, 1.0783
median : 148.86 e
spread : 11.151 e
created : 2023-08-21T16:40:26

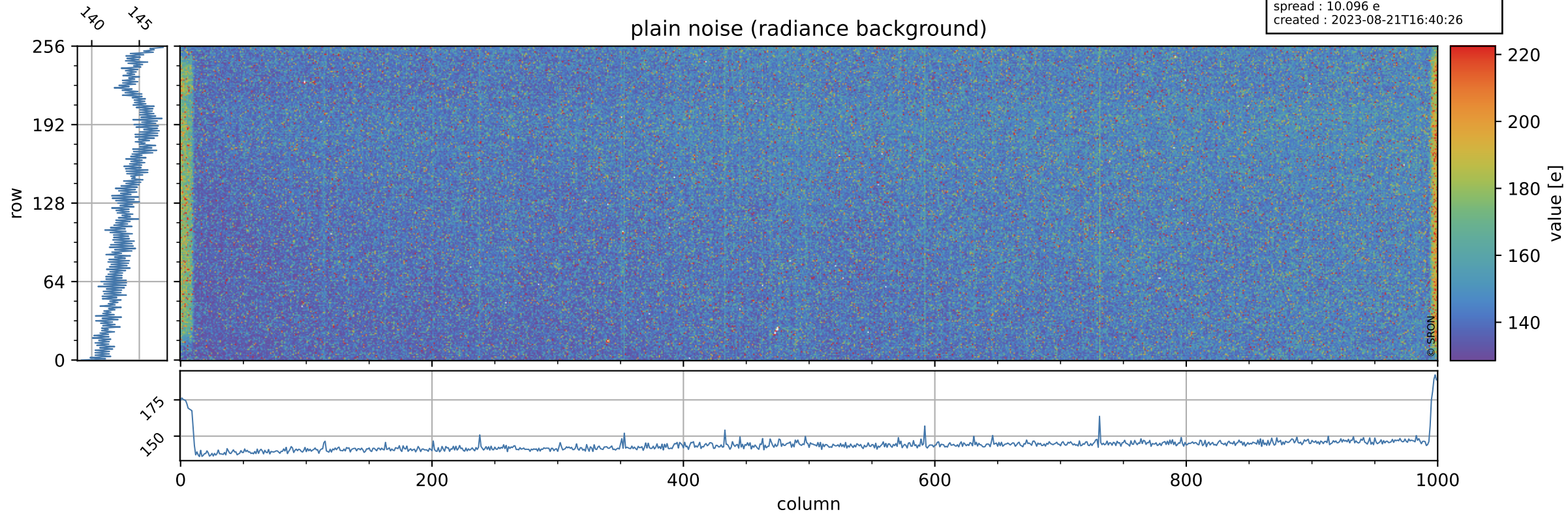
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24952, 25027]
coverage : 2022-08-06 / 2022-08-11
n_coad, t_exp : 1, 0.8383
median : 143.62 e
spread : 10.096 e
created : 2023-08-21T16:40:26

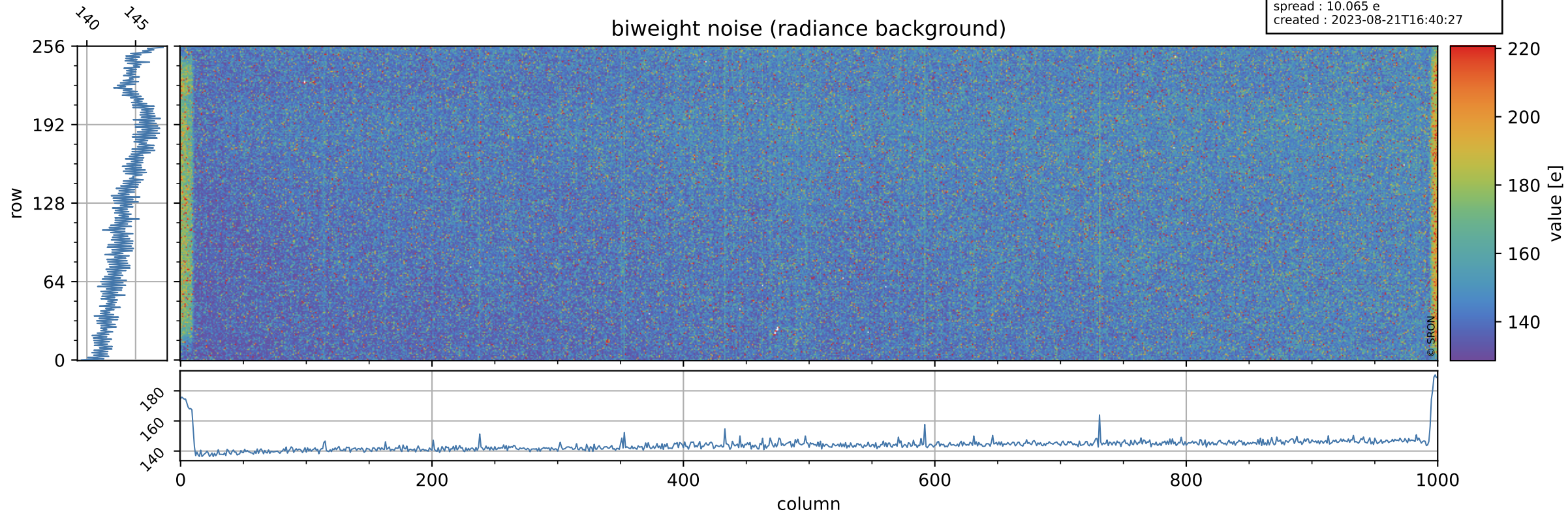
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24952, 25027]
coverage : 2022-08-06 / 2022-08-11
n_coad, t_exp : 1, 0.8383
median : 143.94 e
spread : 10.065 e
created : 2023-08-21T16:40:27

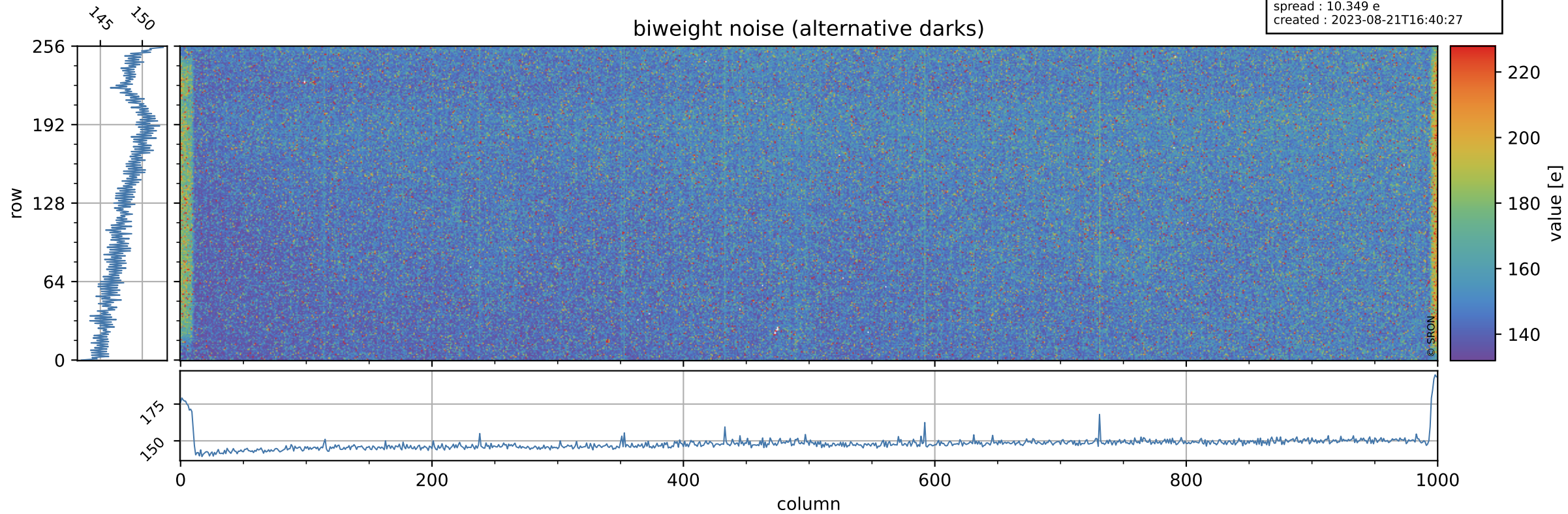
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24952, 25027]
coverage : 2022-08-06 / 2022-08-11
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.349 e
created : 2023-08-21T16:40:27

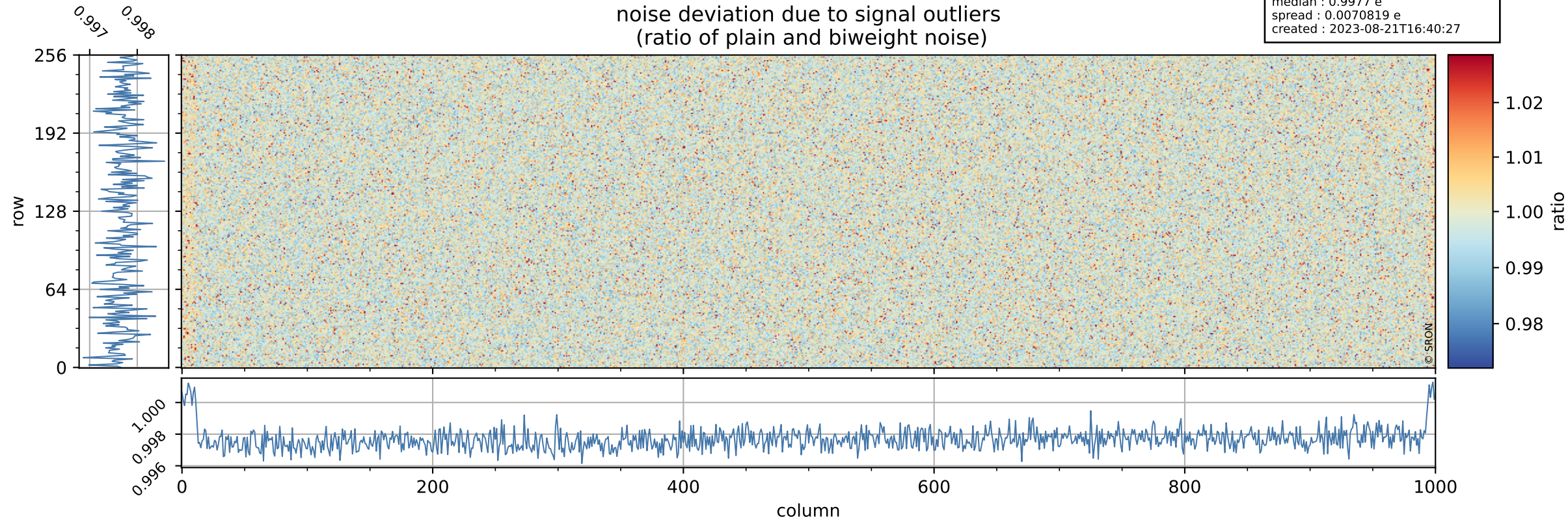
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

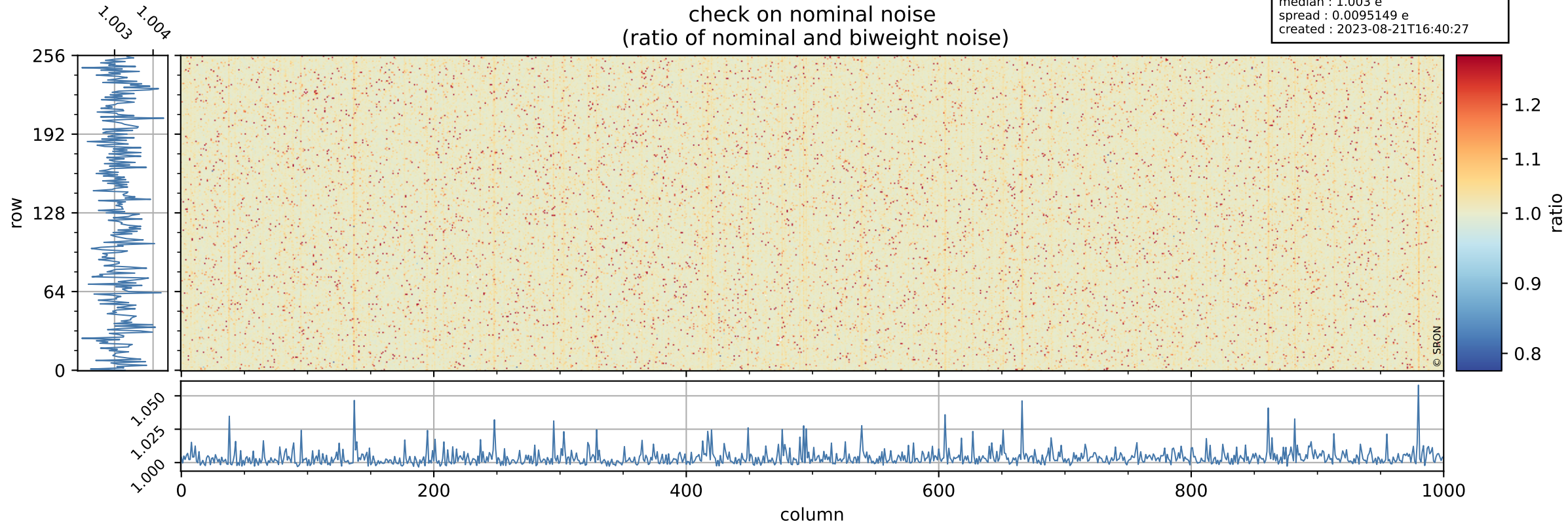
orbits : 12 in [24952, 25027]
coverage : 2022-08-06 / 2022-08-11
median : 0.9977 e
spread : 0.0070819 e
created : 2023-08-21T16:40:27



Tropomi SWIR background noise (swir)

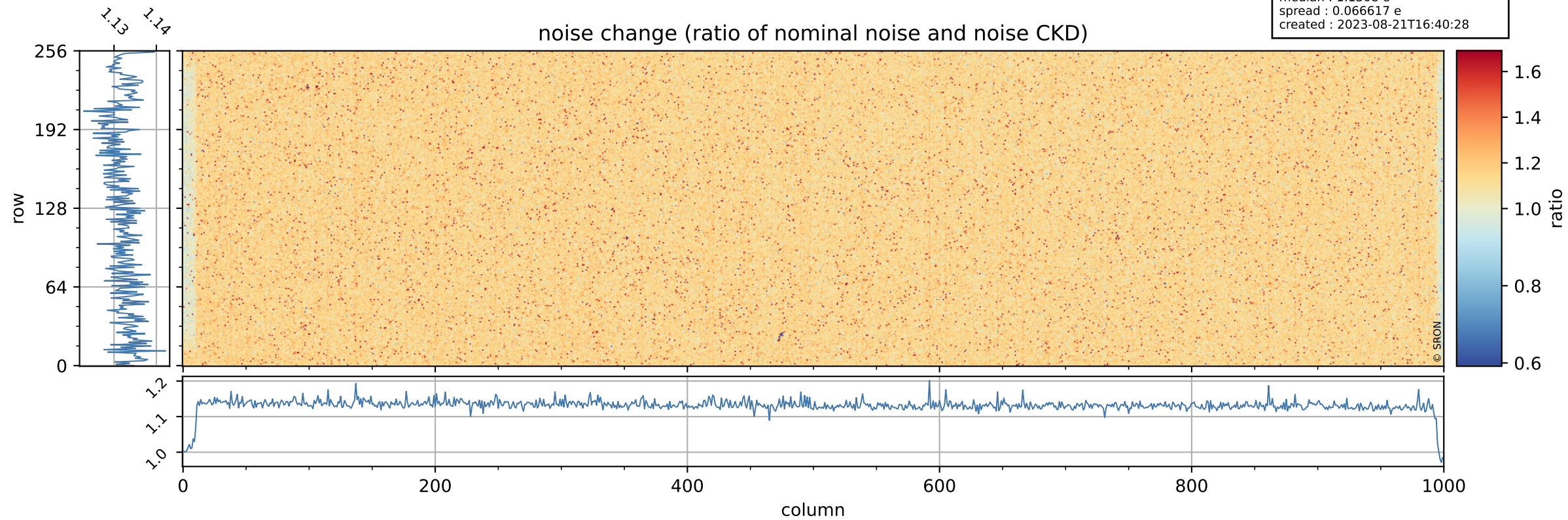
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24952, 25027]
coverage : 2022-08-06 / 2022-08-11
median : 1.003 e
spread : 0.0095149 e
created : 2023-08-21T16:40:27



Tropomi SWIR background noise (swir)

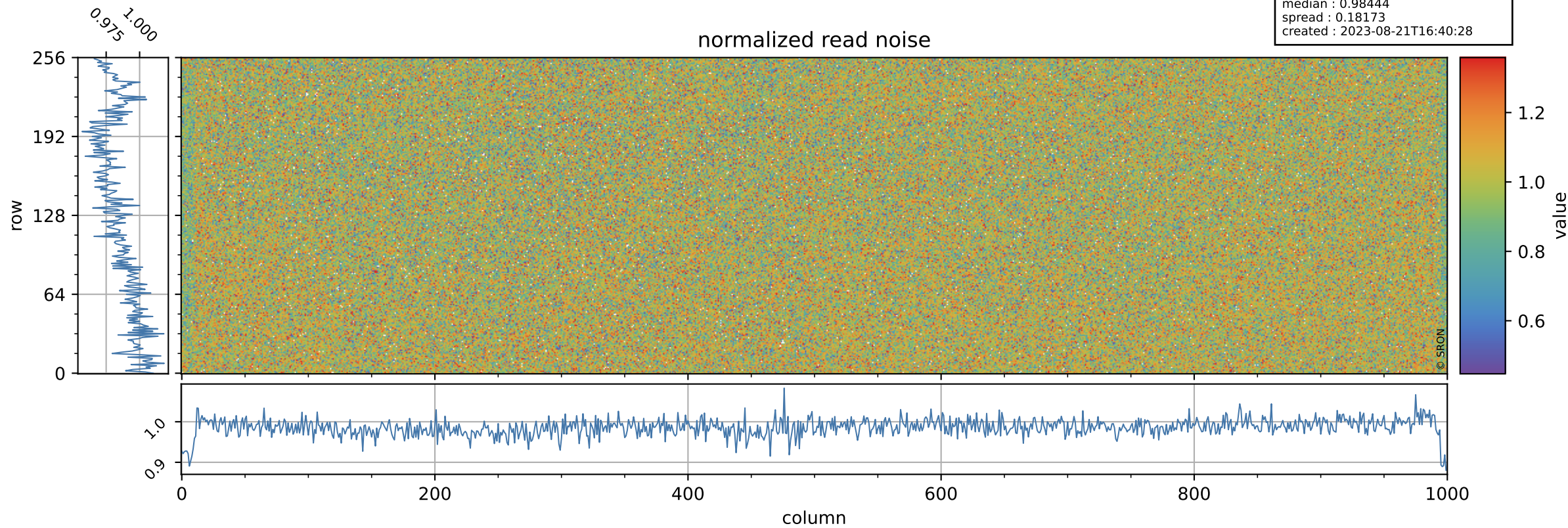
orbits : 12 in [24952, 25027]
coverage : 2022-08-06 / 2022-08-11
median : 1.1308 e
spread : 0.066617 e
created : 2023-08-21T16:40:28



Tropomi SWIR background noise (swir)

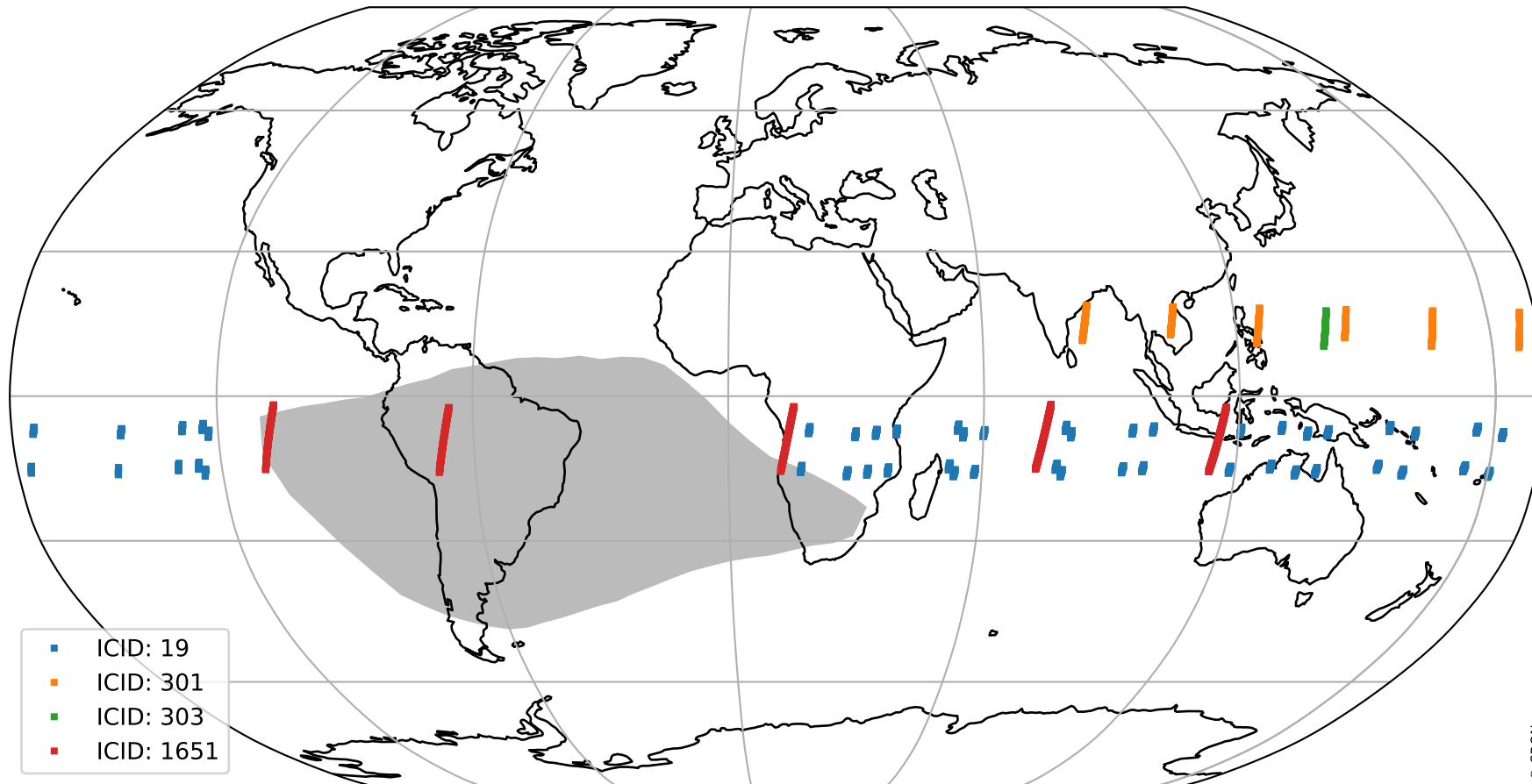
orbits : 12 in [24952, 25027]
coverage : 2022-08-06 / 2022-08-11
median : 0.98444
spread : 0.18173
created : 2023-08-21T16:40:28

normalized read noise



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

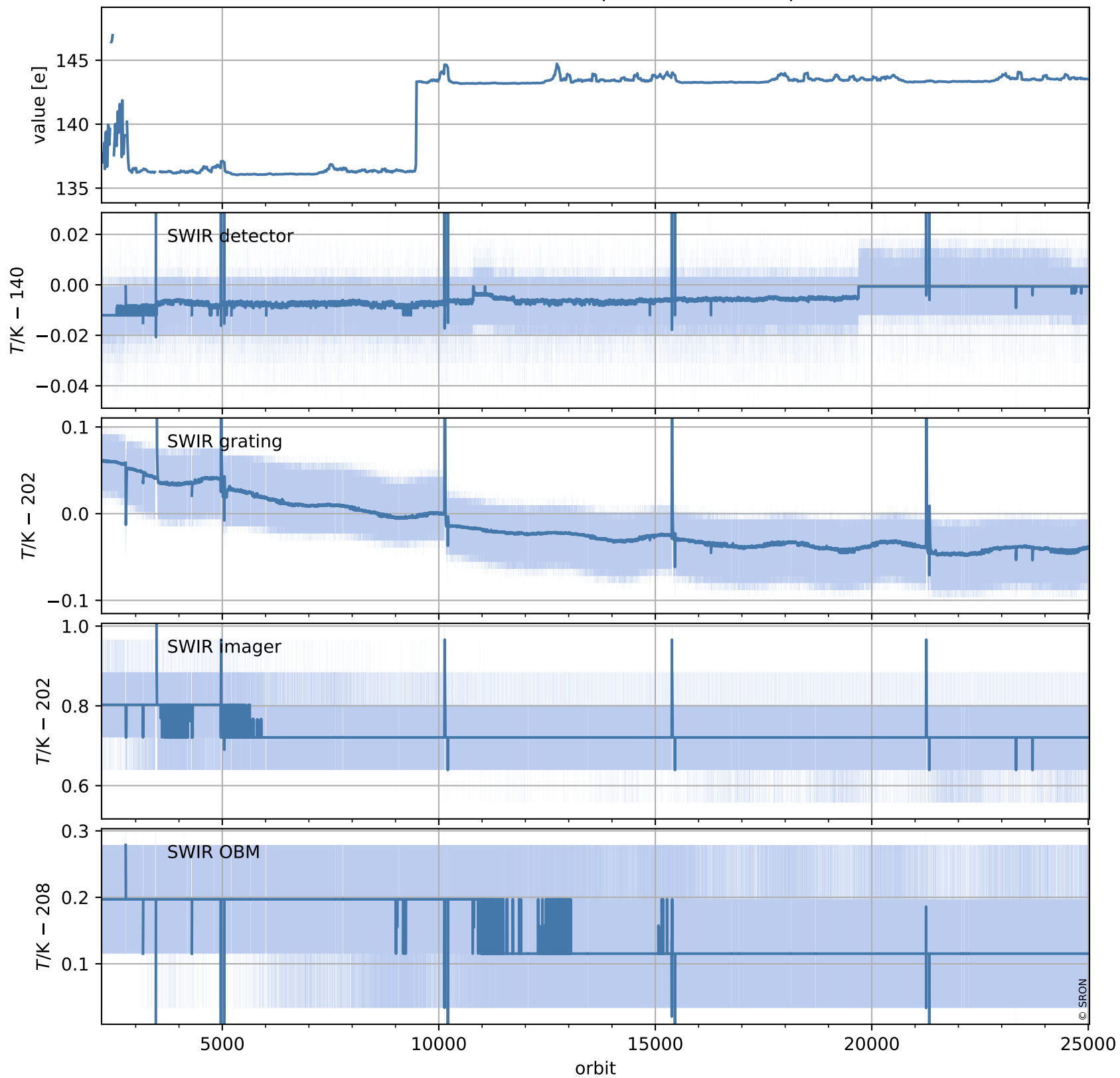
orbits : 12 in [24952, 25027]
coverage : 2022-08-06 / 2022-08-11
created : 2023-08-21T16:40:28



Tropomi SWIR background noise (swir)

orbits : [2212, 25027]
coverage : 2018-03-18 / 2022-08-11
created : 2023-08-21T16:40:29

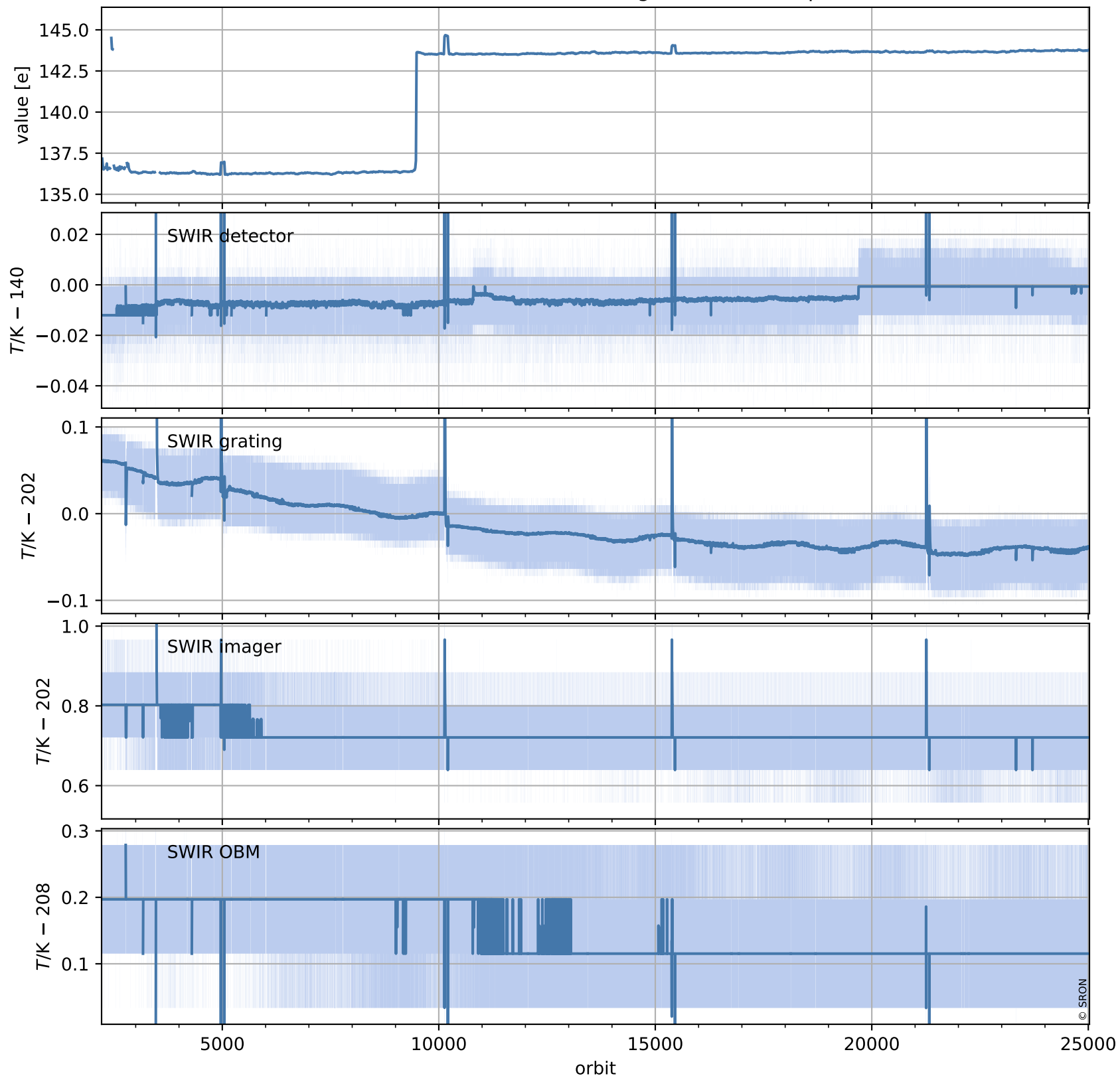
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25027]
coverage : 2018-03-18 / 2022-08-11
created : 2023-08-21T16:40:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25027]
coverage : 2018-03-18 / 2022-08-11
created : 2023-08-21T16:40:30

trend of normalized read-noise & temperatures

