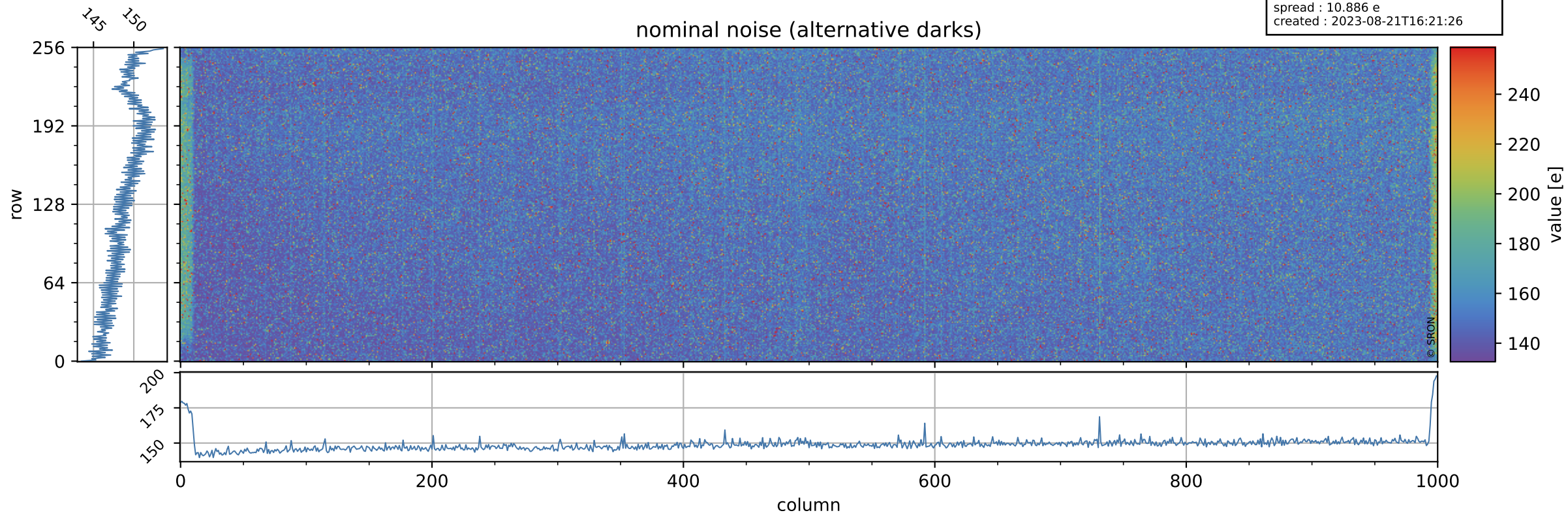


Tropomi SWIR background noise (swir)

orbits : 12 in [21952, 22042]
coverage : 2022-01-08 / 2022-01-13
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.886 e
created : 2023-08-21T16:21:26

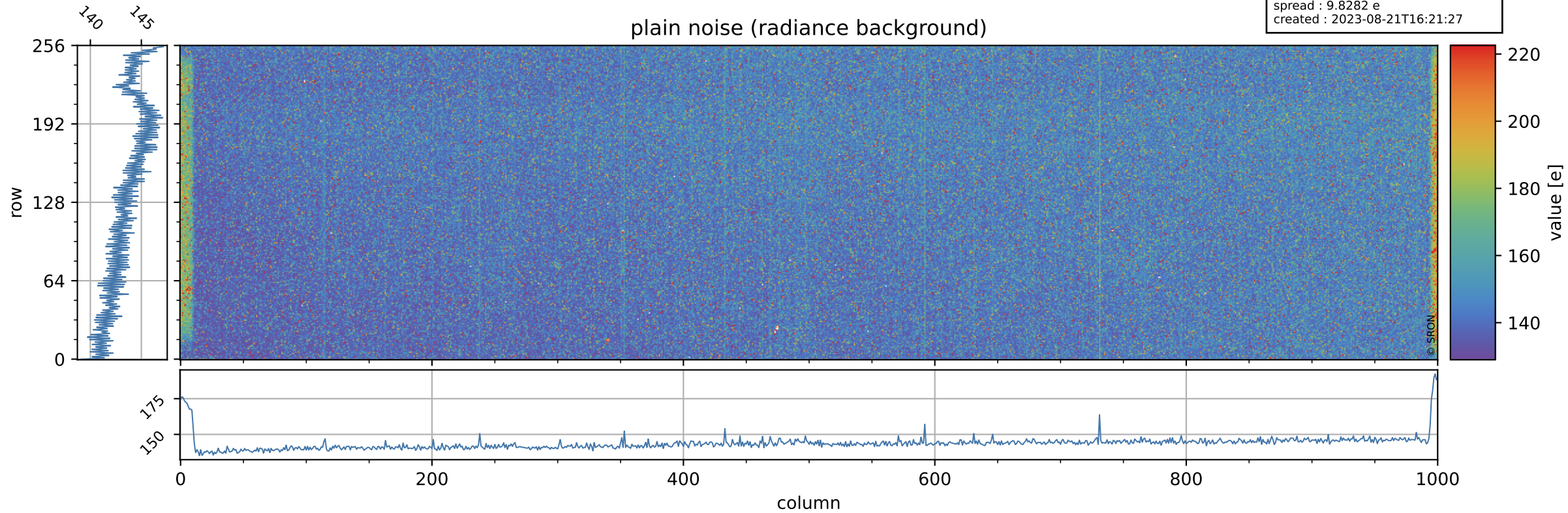
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21952, 22042]
coverage : 2022-01-08 / 2022-01-13
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8282 e
created : 2023-08-21T16:21:27

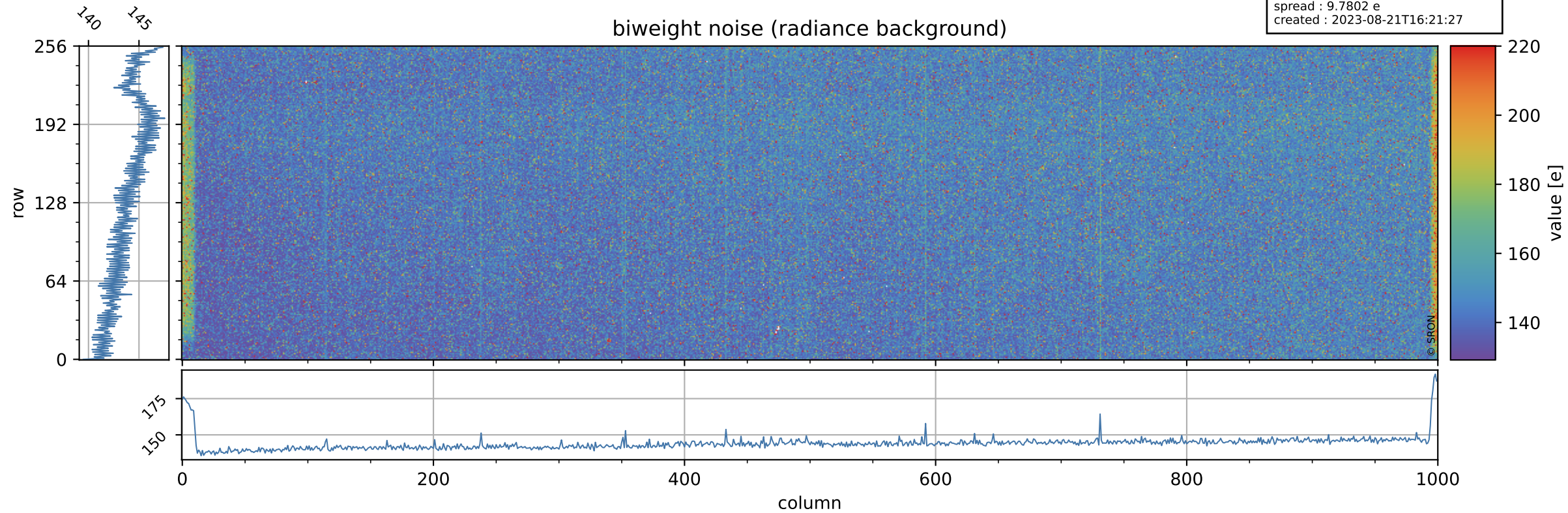
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21952, 22042]
coverage : 2022-01-08 / 2022-01-13
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.7802 e
created : 2023-08-21T16:21:27

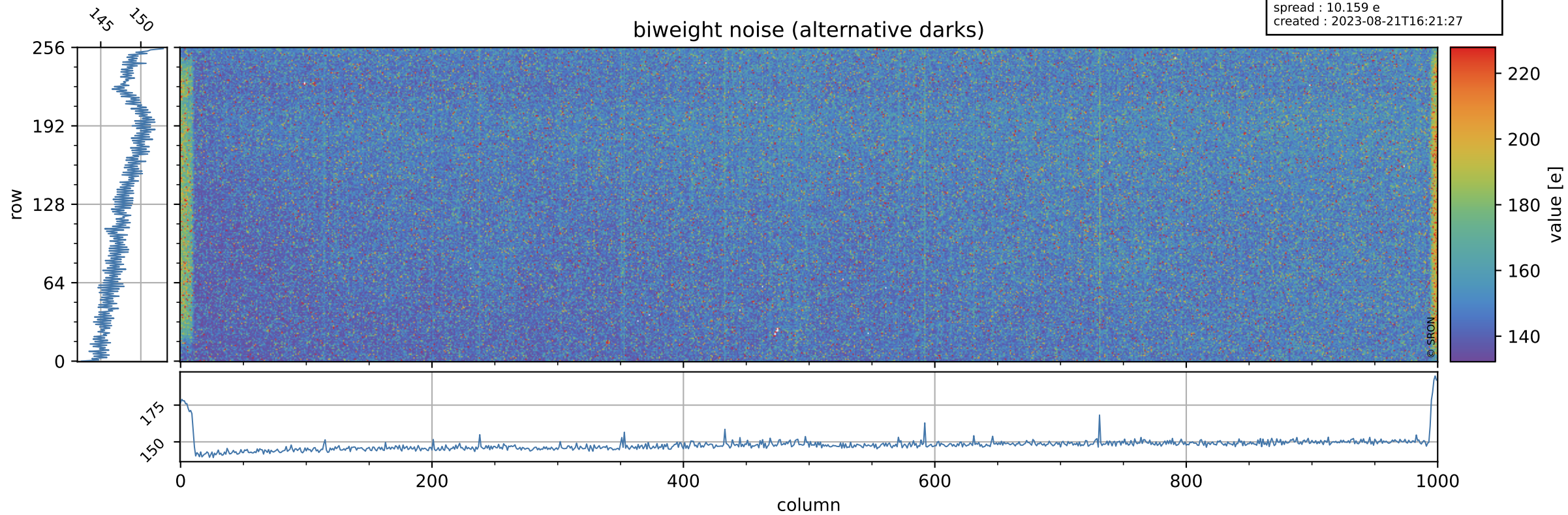
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21952, 22042]
coverage : 2022-01-08 / 2022-01-13
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.159 e
created : 2023-08-21T16:21:27

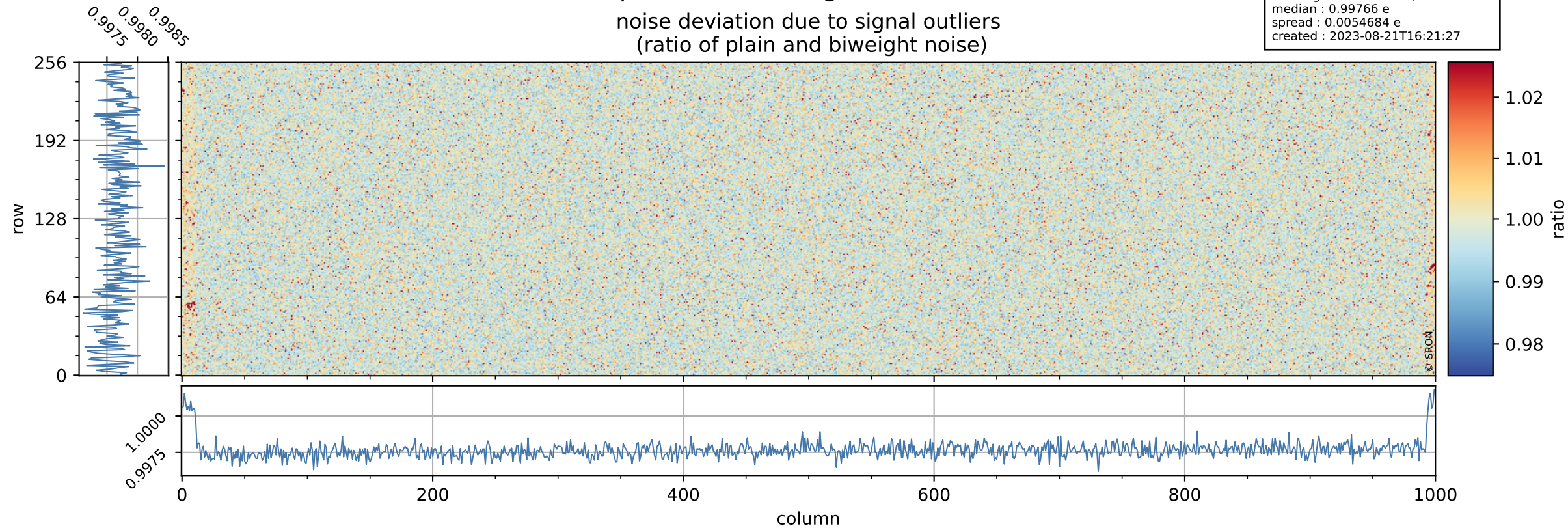
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

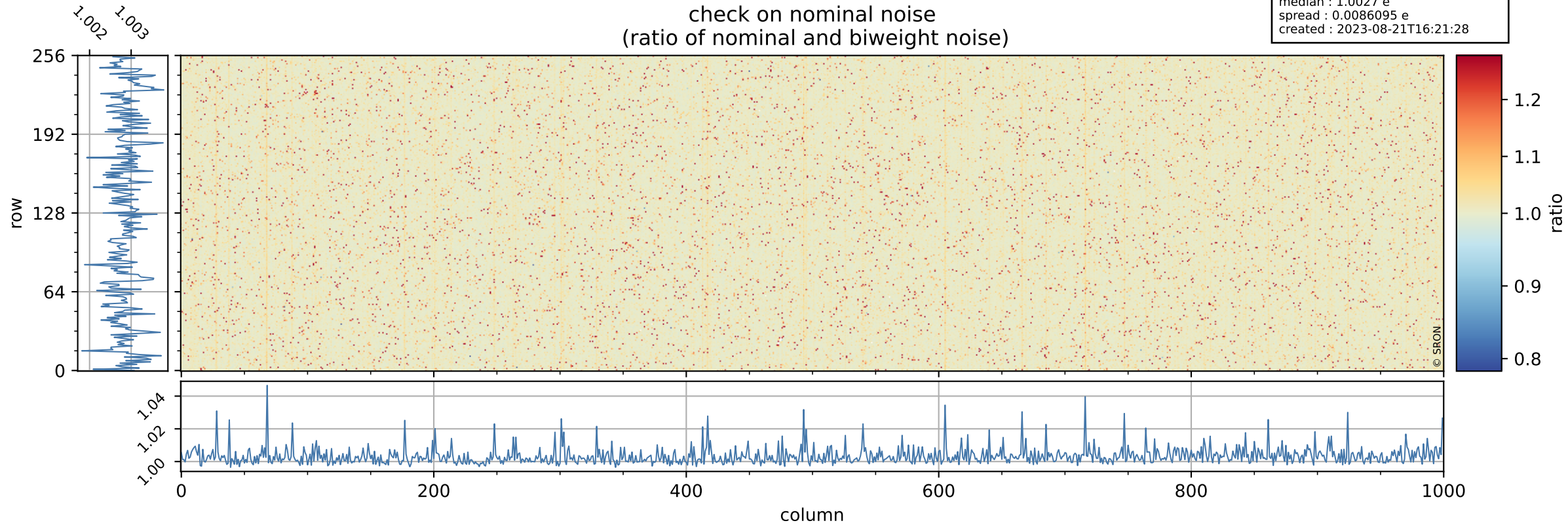
orbits : 12 in [21952, 22042]
coverage : 2022-01-08 / 2022-01-13
median : 0.99766 e
spread : 0.0054684 e
created : 2023-08-21T16:21:27



Tropomi SWIR background noise (swir)

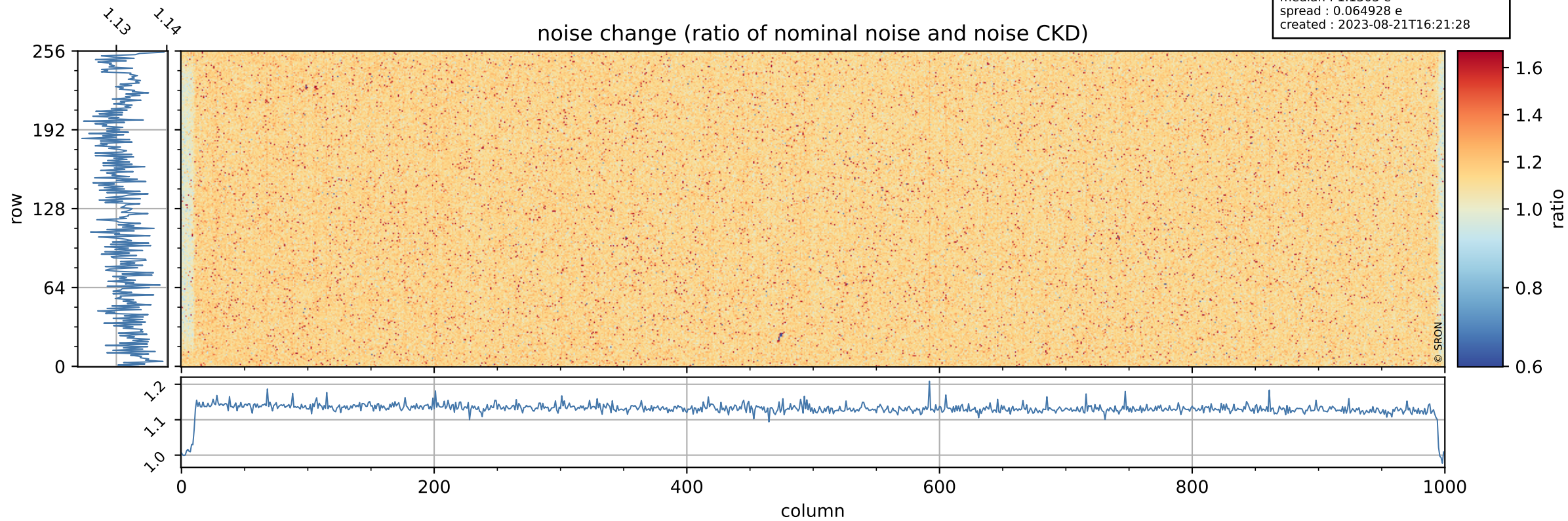
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21952, 22042]
coverage : 2022-01-08 / 2022-01-13
median : 1.0027 e
spread : 0.0086095 e
created : 2023-08-21T16:21:28



Tropomi SWIR background noise (swir)

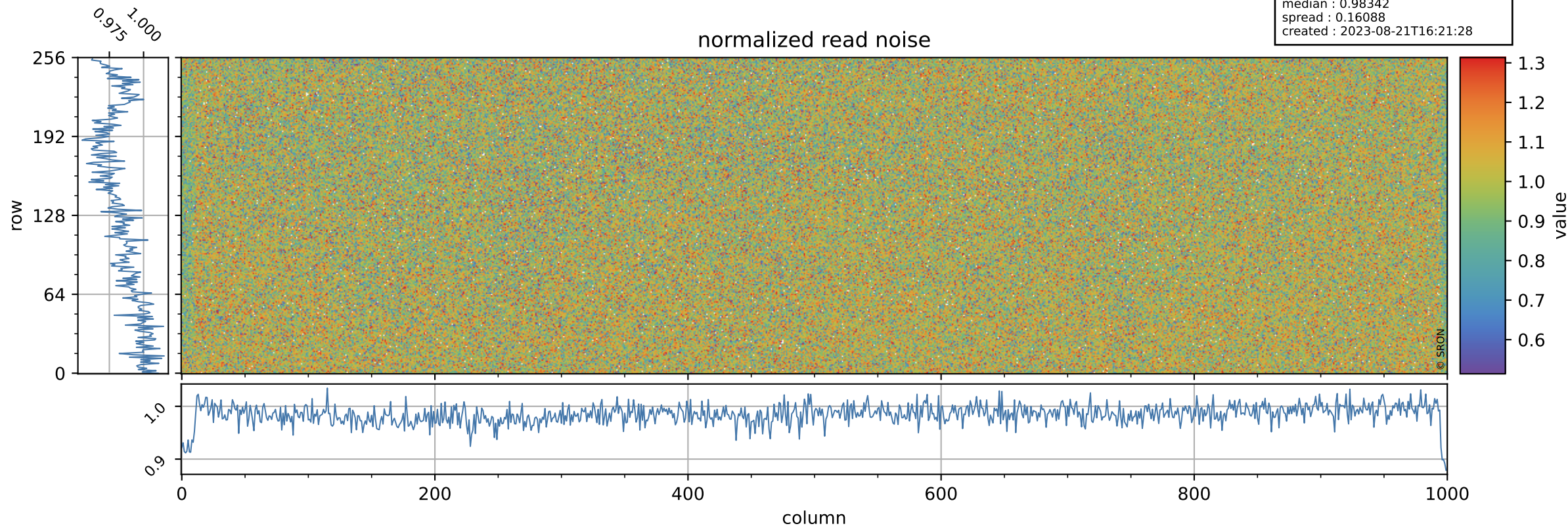
orbits : 12 in [21952, 22042]
coverage : 2022-01-08 / 2022-01-13
median : 1.1303 e
spread : 0.064928 e
created : 2023-08-21T16:21:28



Tropomi SWIR background noise (swir)

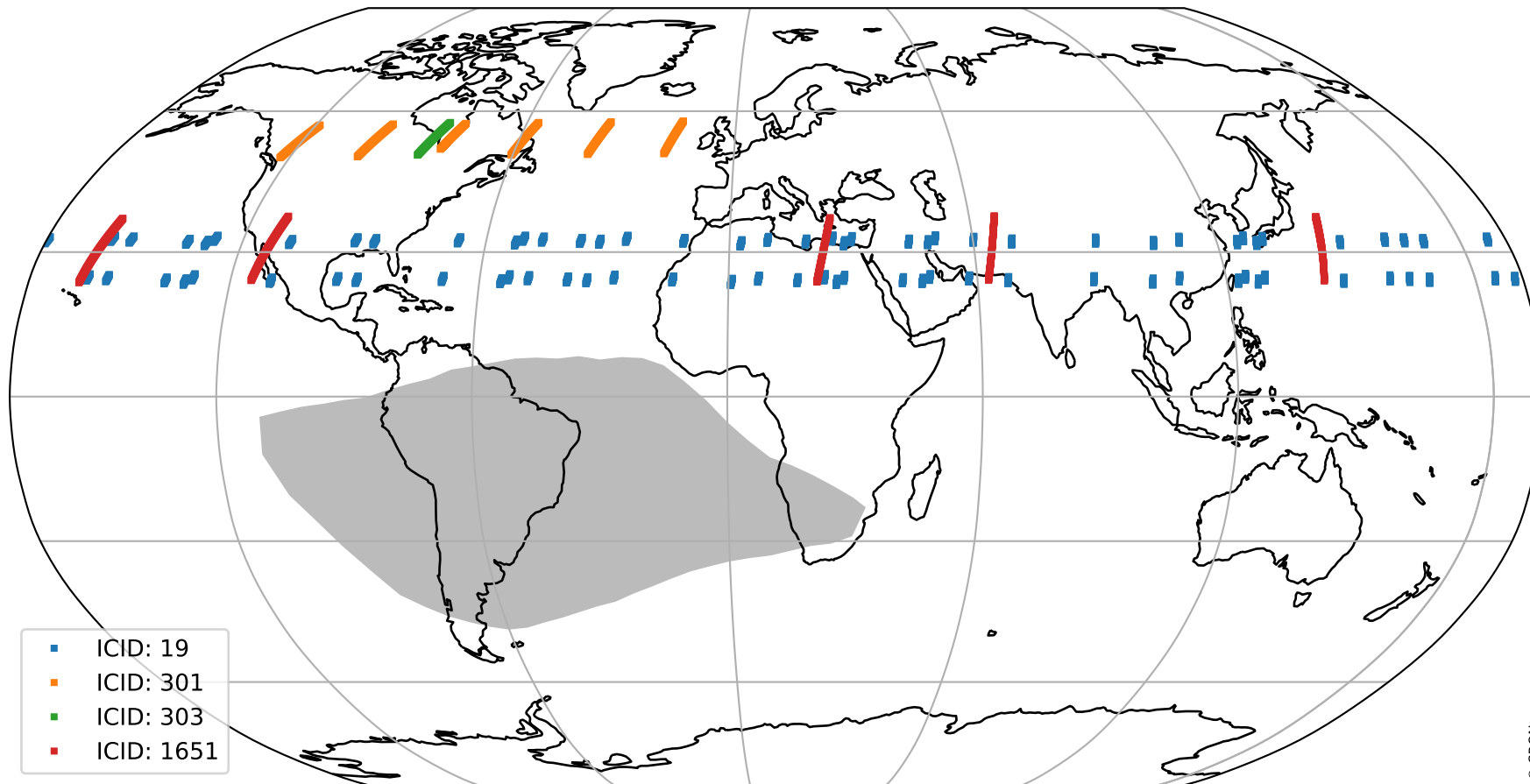
orbits : 12 in [21952, 22042]
coverage : 2022-01-08 / 2022-01-13
median : 0.98342
spread : 0.16088
created : 2023-08-21T16:21:28

normalized read noise



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

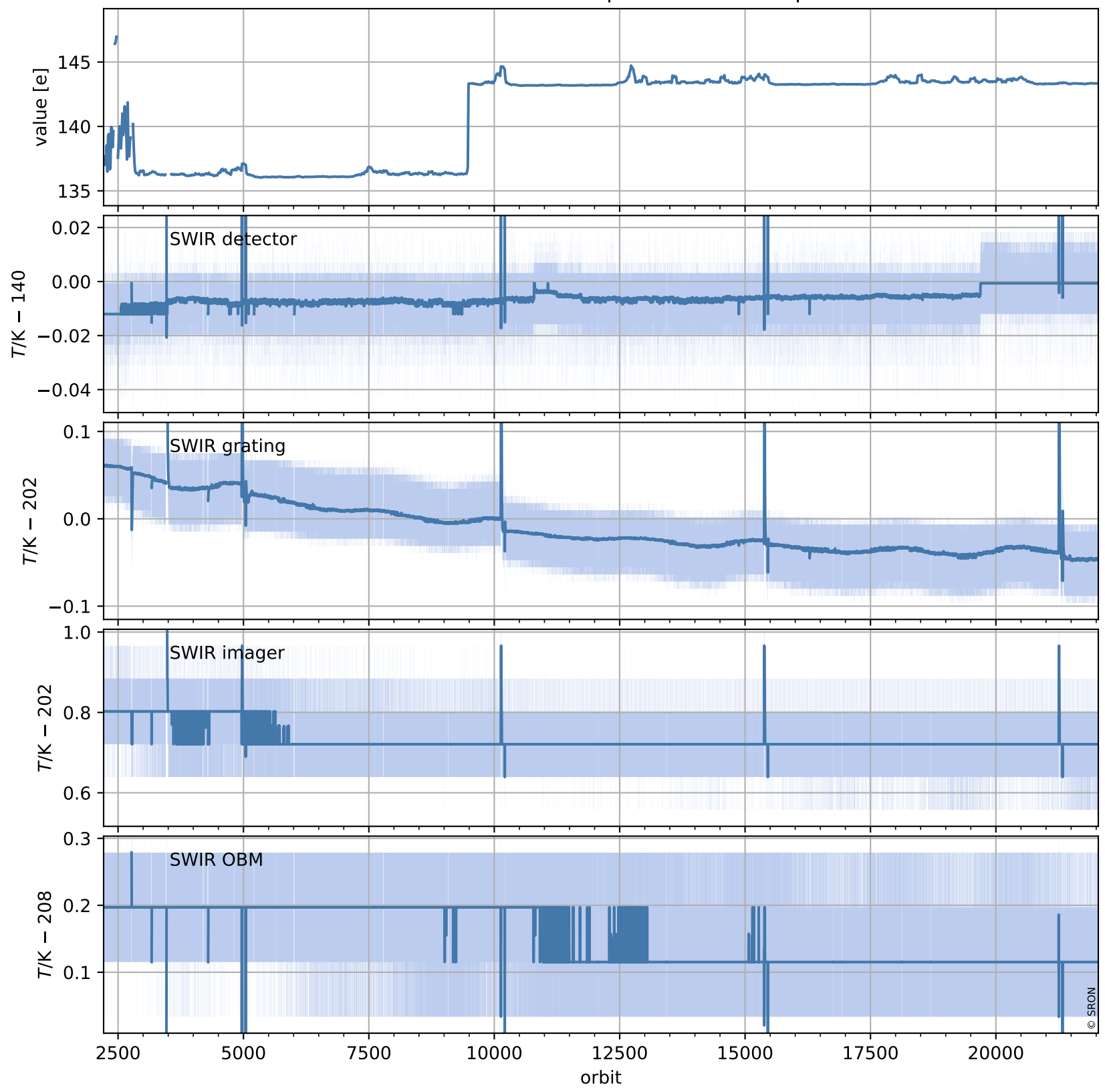
orbits : 12 in [21952, 22042]
coverage : 2022-01-08 / 2022-01-13
created : 2023-08-21T16:21:29



Tropomi SWIR background noise (swir)

orbits : [2212, 22042]
coverage : 2018-03-18 / 2022-01-13
created : 2023-08-21T16:21:29

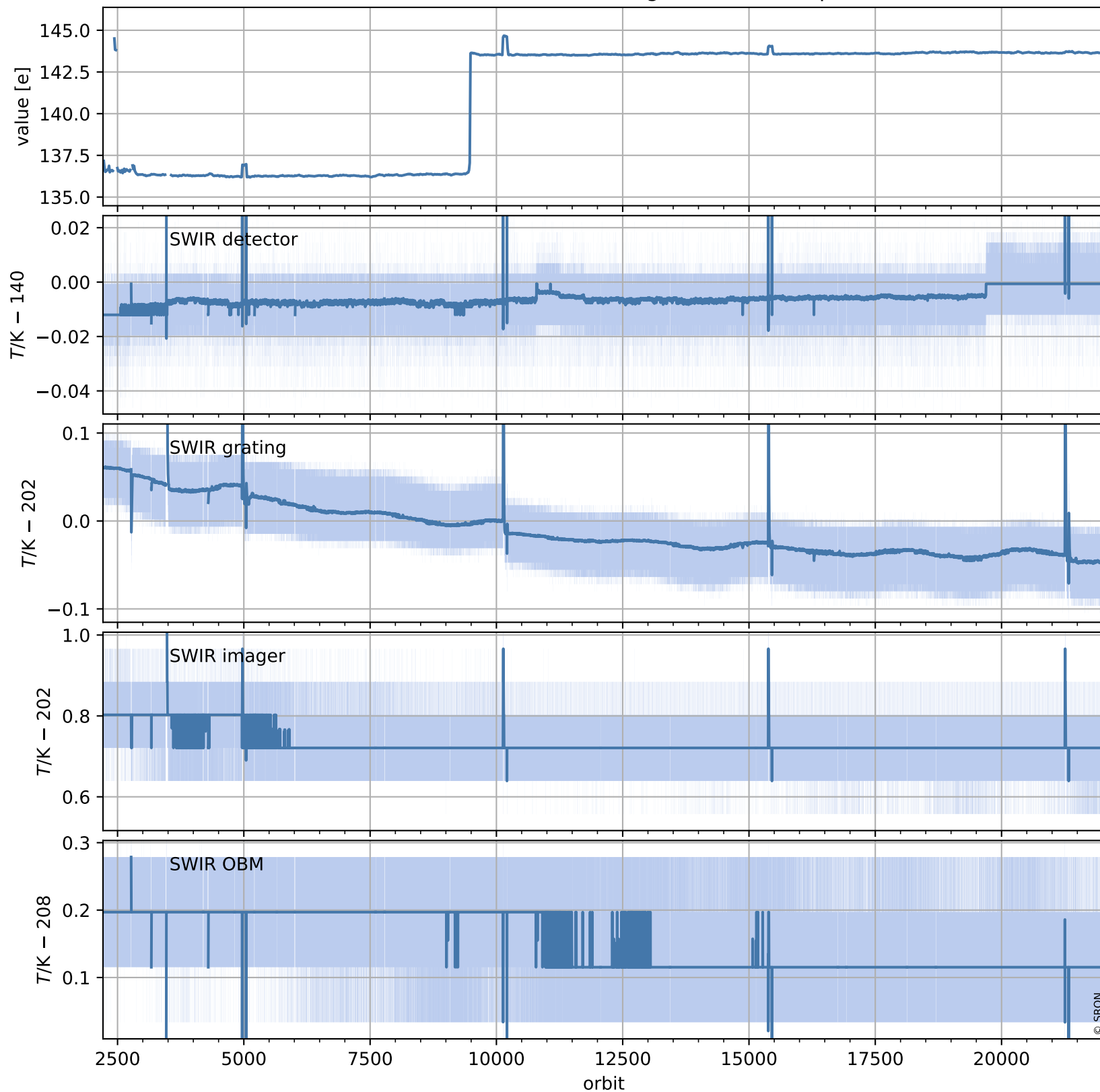
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22042]
coverage : 2018-03-18 / 2022-01-13
created : 2023-08-21T16:21:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22042]
coverage : 2018-03-18 / 2022-01-13
created : 2023-08-21T16:21:31

trend of normalized read-noise & temperatures

