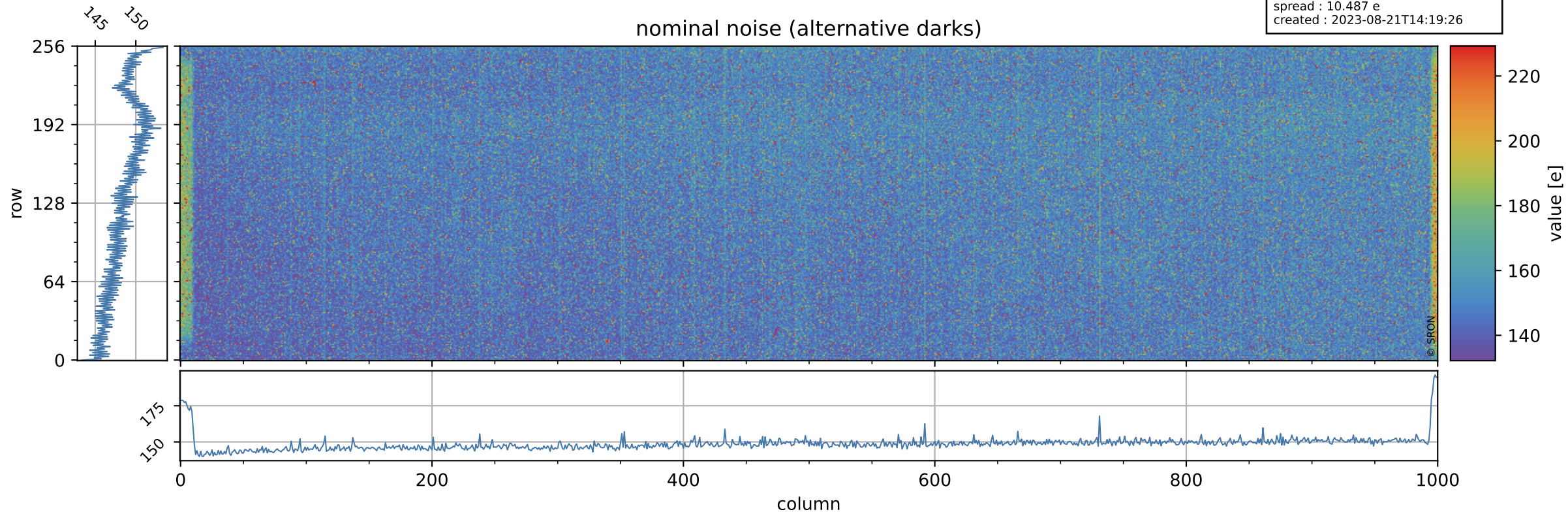


Tropomi SWIR background noise (swir)

orbits : 13 in [2827, 2917]
coverage : 2018-04-30 / 2018-05-07
n_coad, t_exp : 1, 1.0783
median : 148.42 e
spread : 10.487 e
created : 2023-08-21T14:19:26

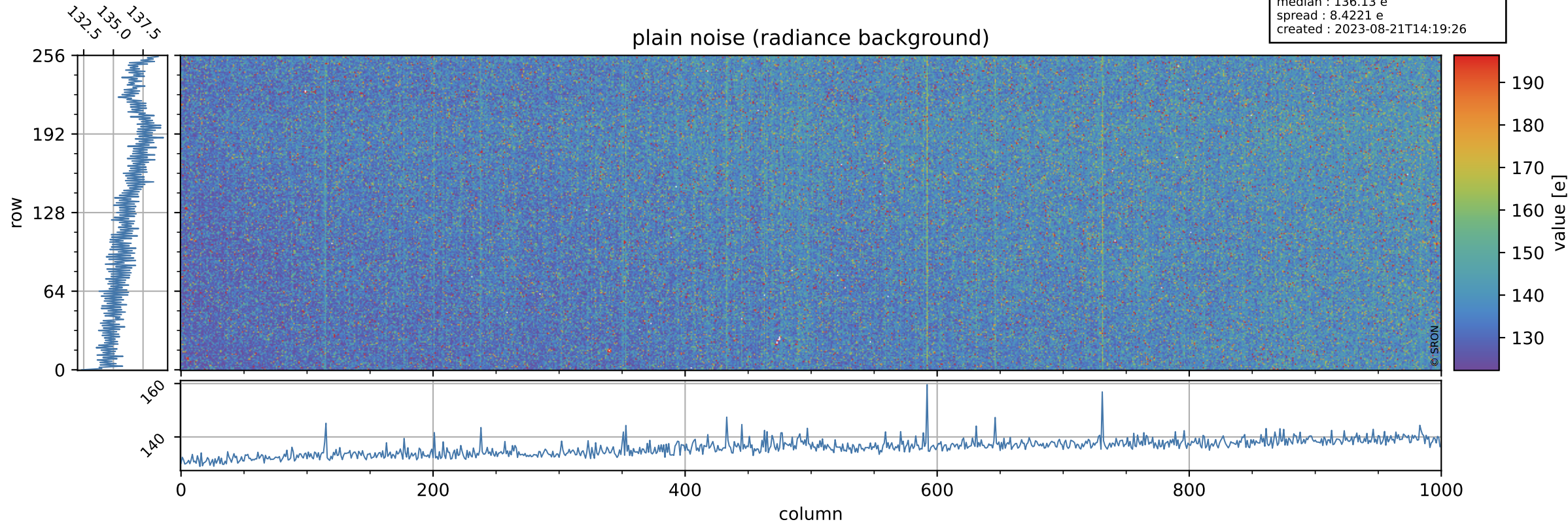
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [2827, 2917]
coverage : 2018-04-30 / 2018-05-07
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.4221 e
created : 2023-08-21T14:19:26

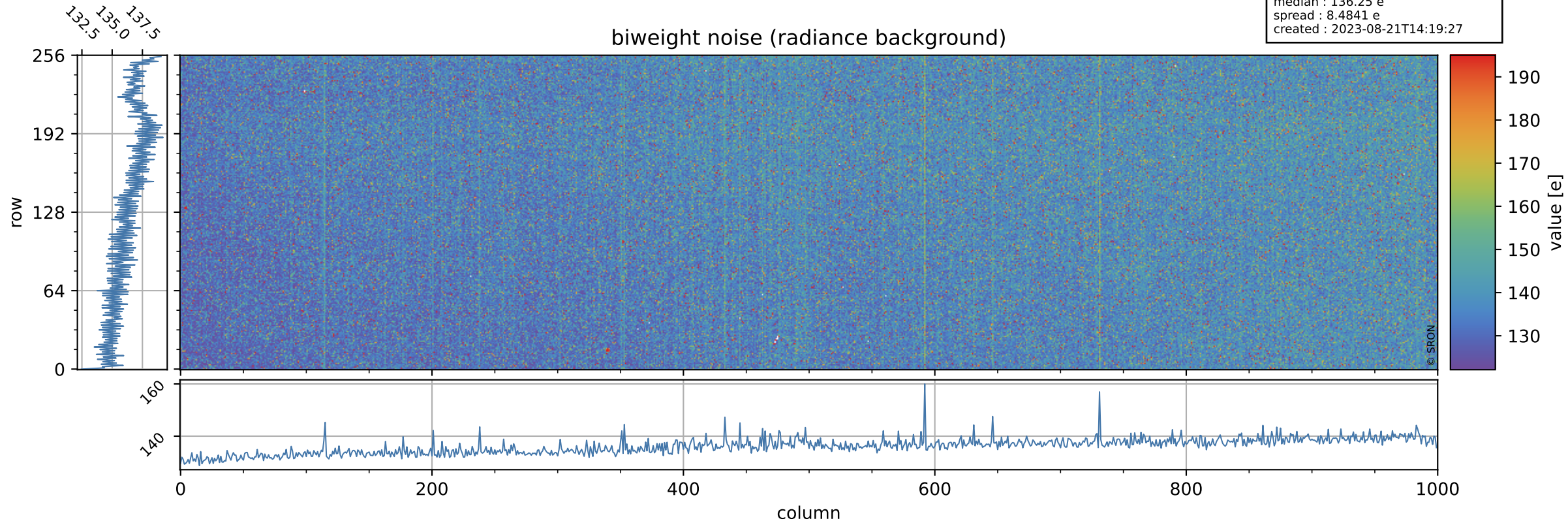
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [2827, 2917]
coverage : 2018-04-30 / 2018-05-07
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.4841 e
created : 2023-08-21T14:19:27

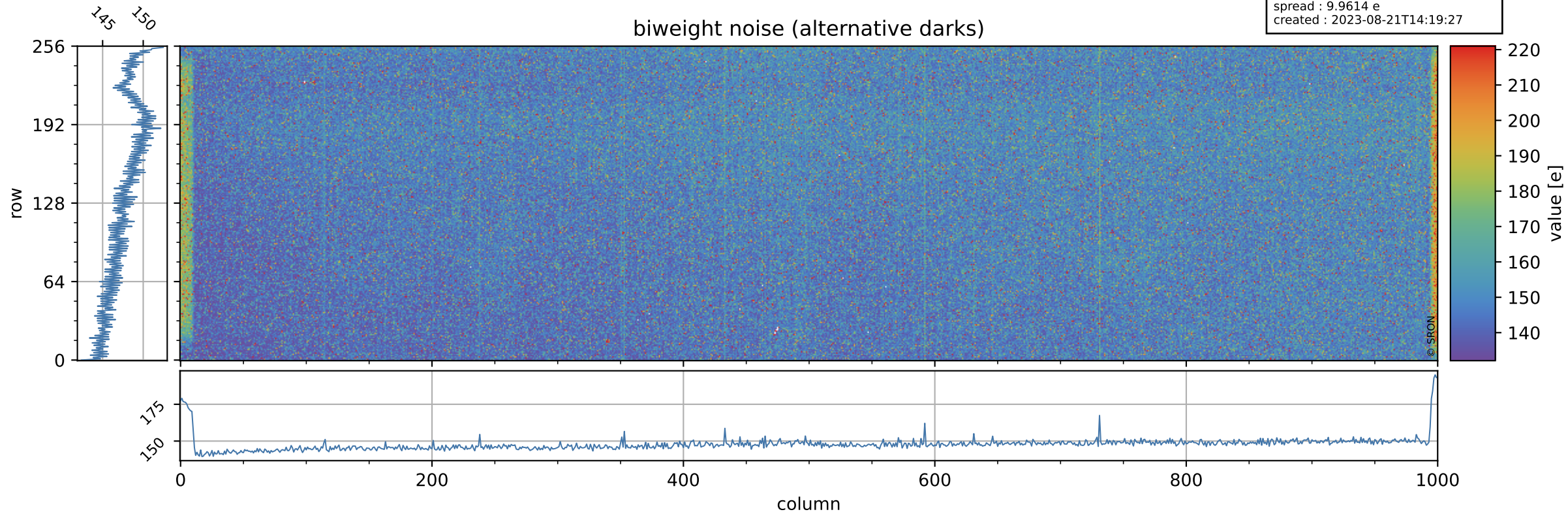
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [2827, 2917]
coverage : 2018-04-30 / 2018-05-07
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 9.9614 e
created : 2023-08-21T14:19:27

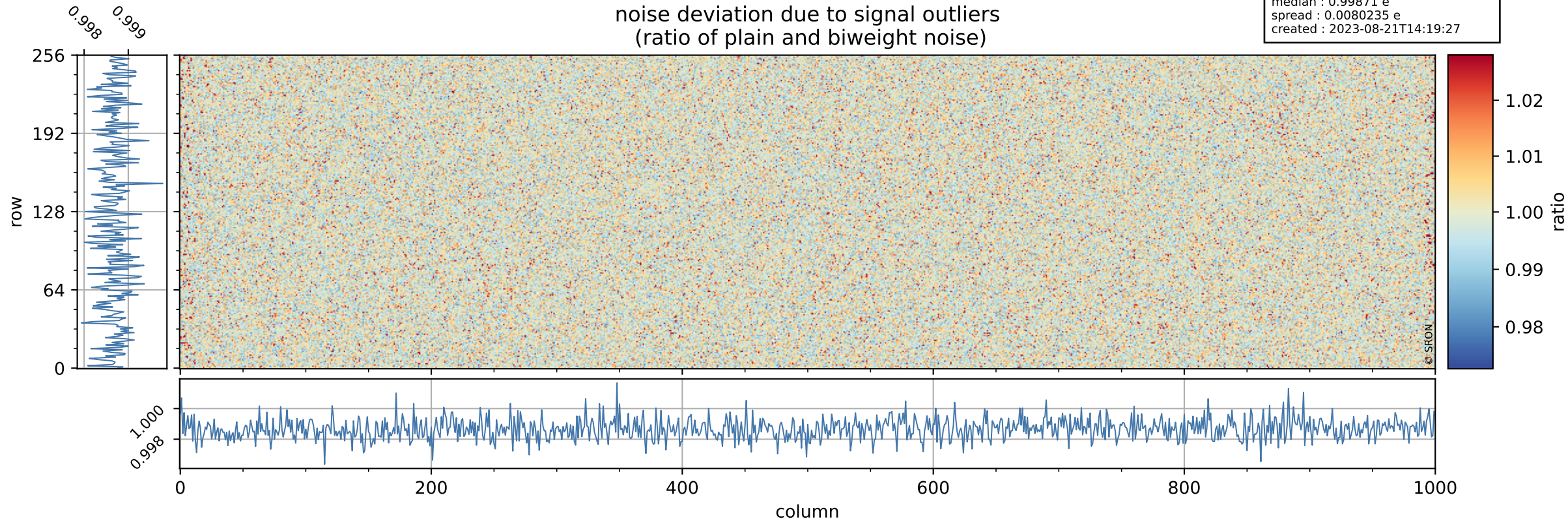
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

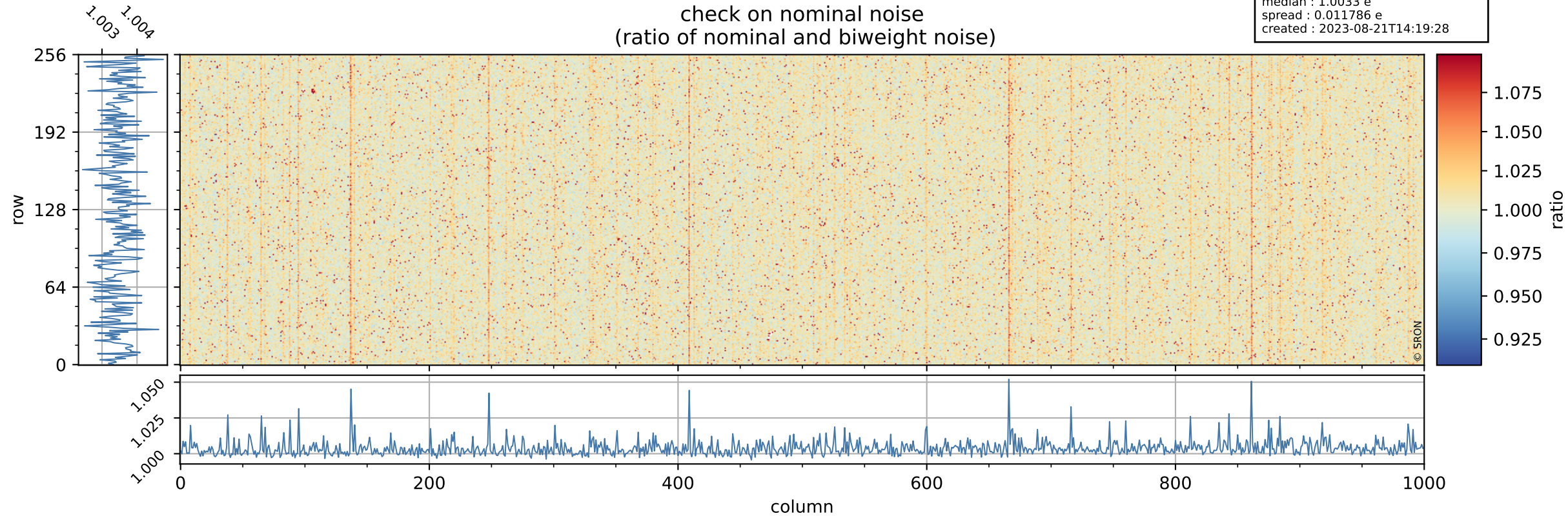
orbits : 13 in [2827, 2917]
coverage : 2018-04-30 / 2018-05-07
median : 0.99871 e
spread : 0.0080235 e
created : 2023-08-21T14:19:27



Tropomi SWIR background noise (swir)

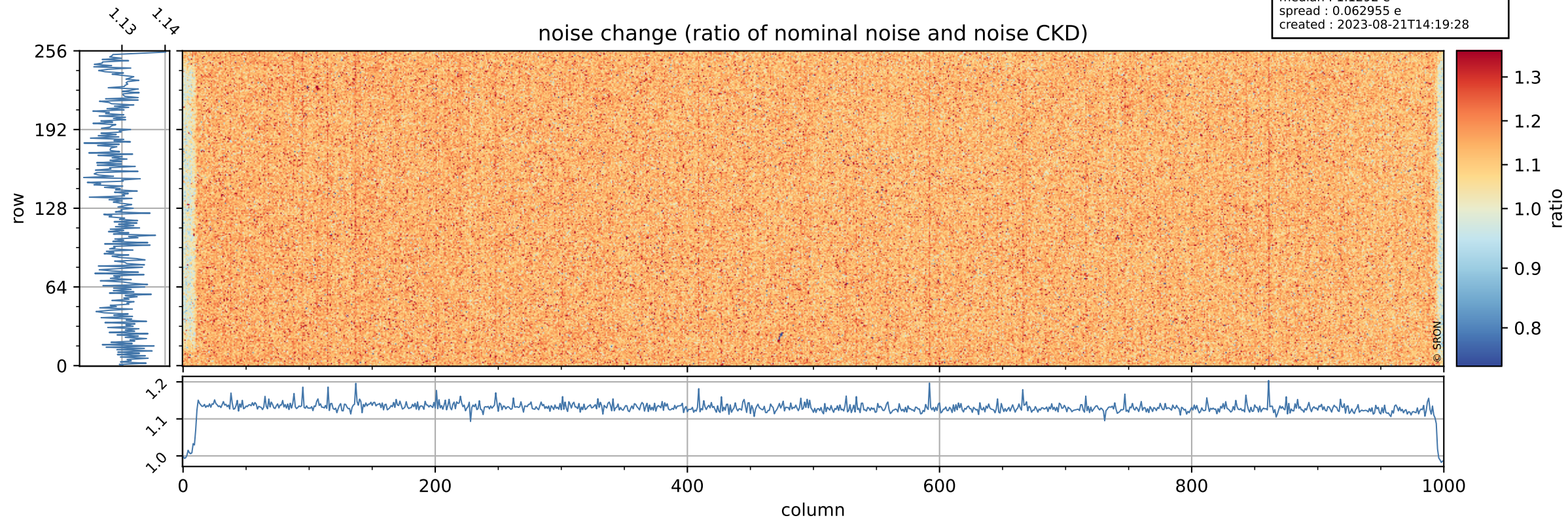
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [2827, 2917]
coverage : 2018-04-30 / 2018-05-07
median : 1.0033 e
spread : 0.011786 e
created : 2023-08-21T14:19:28



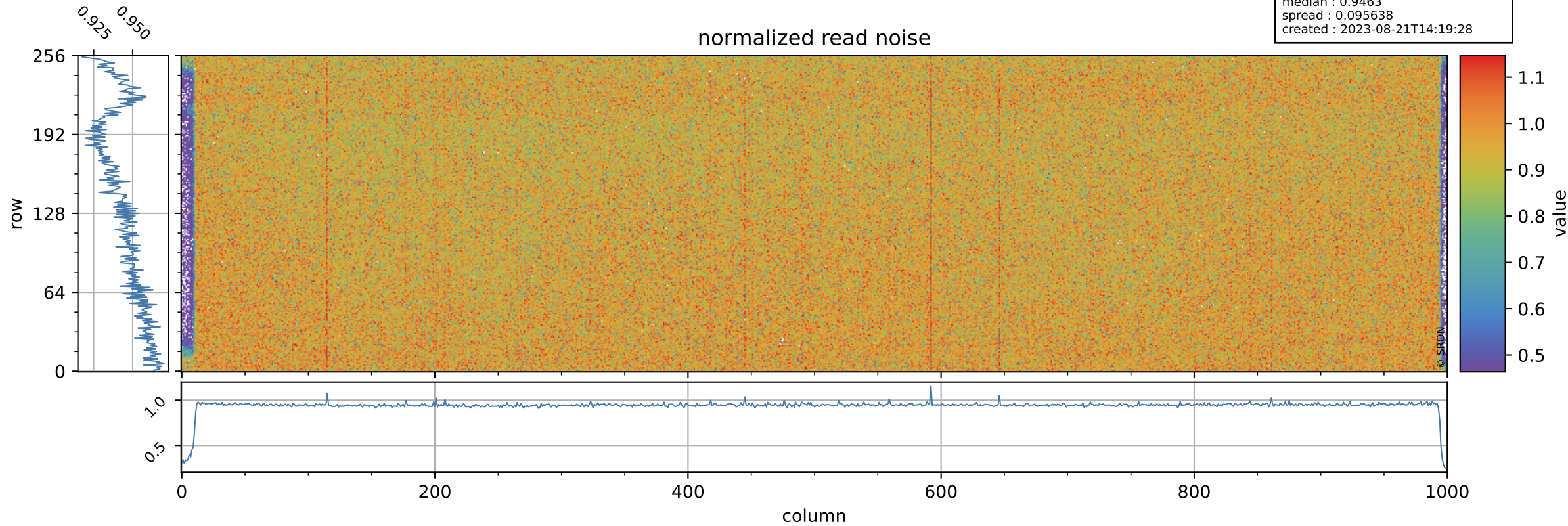
Tropomi SWIR background noise (swir)

orbits : 13 in [2827, 2917]
coverage : 2018-04-30 / 2018-05-07
median : 1.1292 e
spread : 0.062955 e
created : 2023-08-21T14:19:28



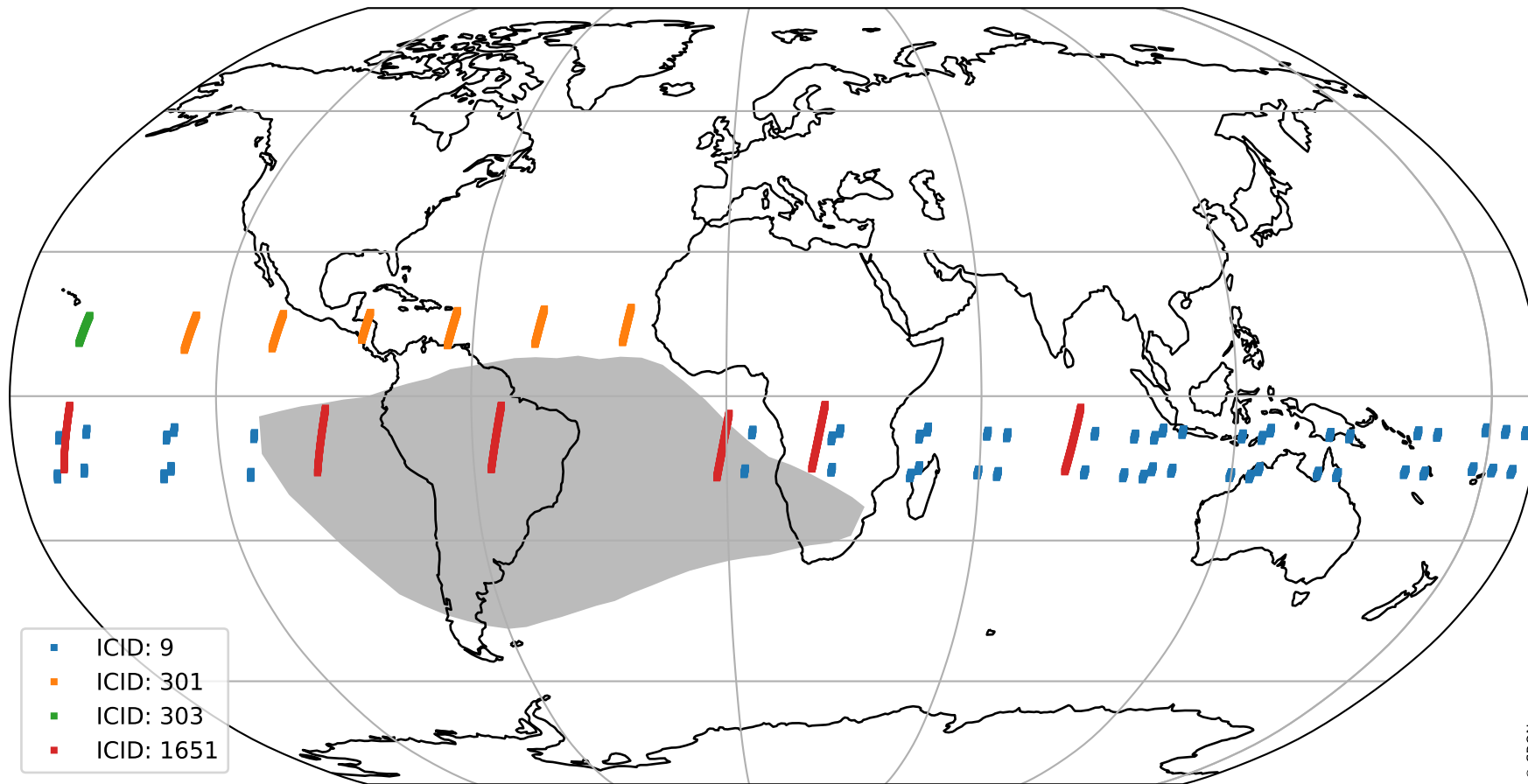
Tropomi SWIR background noise (swir)

orbits : 13 in [2827, 2917]
coverage : 2018-04-30 / 2018-05-07
median : 0.9463
spread : 0.095638
created : 2023-08-21T14:19:28



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

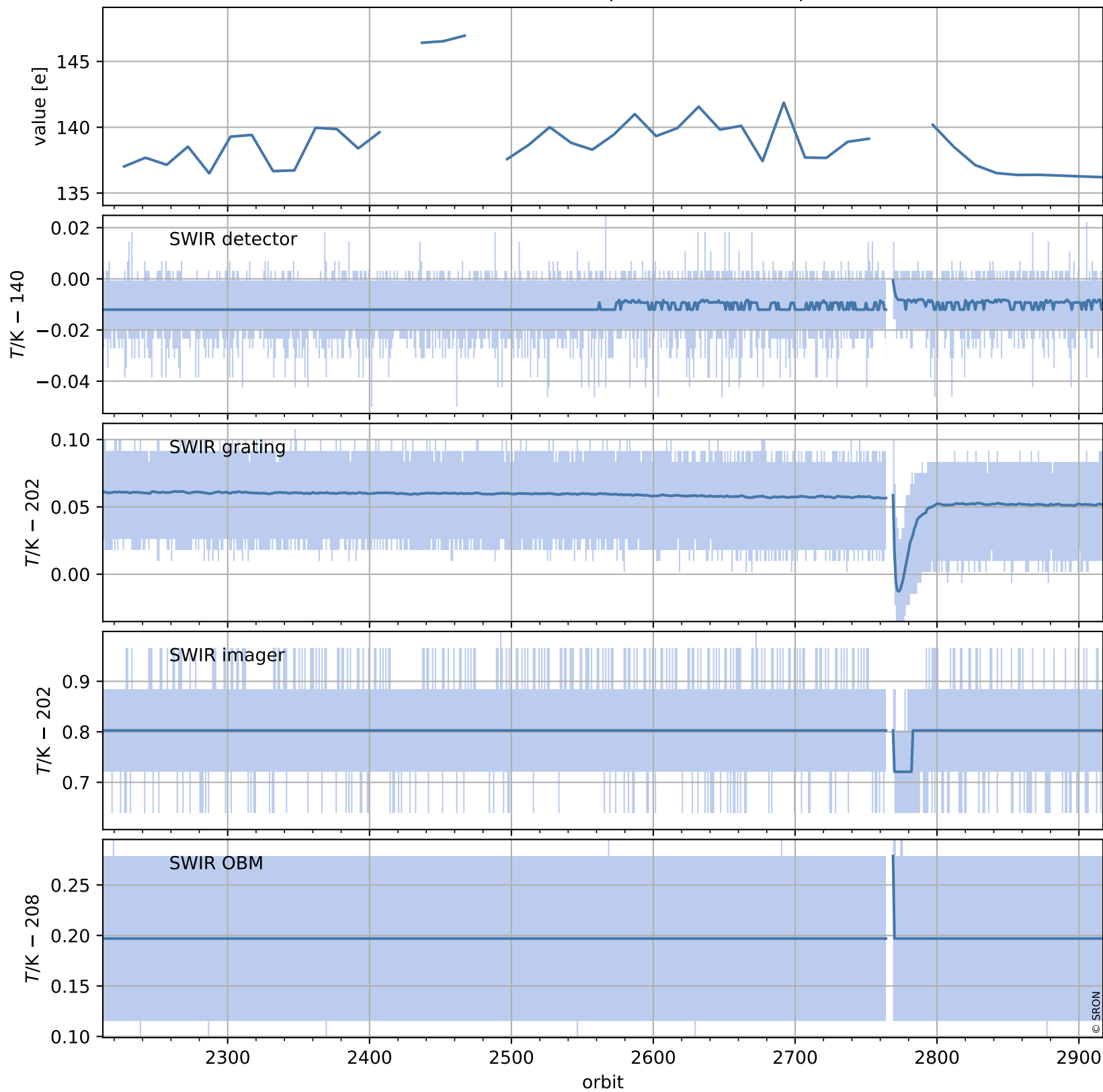
orbits : 13 in [2827, 2917]
coverage : 2018-04-30 / 2018-05-07
created : 2023-08-21T14:19:28



Tropomi SWIR background noise (swir)

orbits : [2212, 2917]
coverage : 2018-03-18 / 2018-05-07
created : 2023-08-21T14:19:29

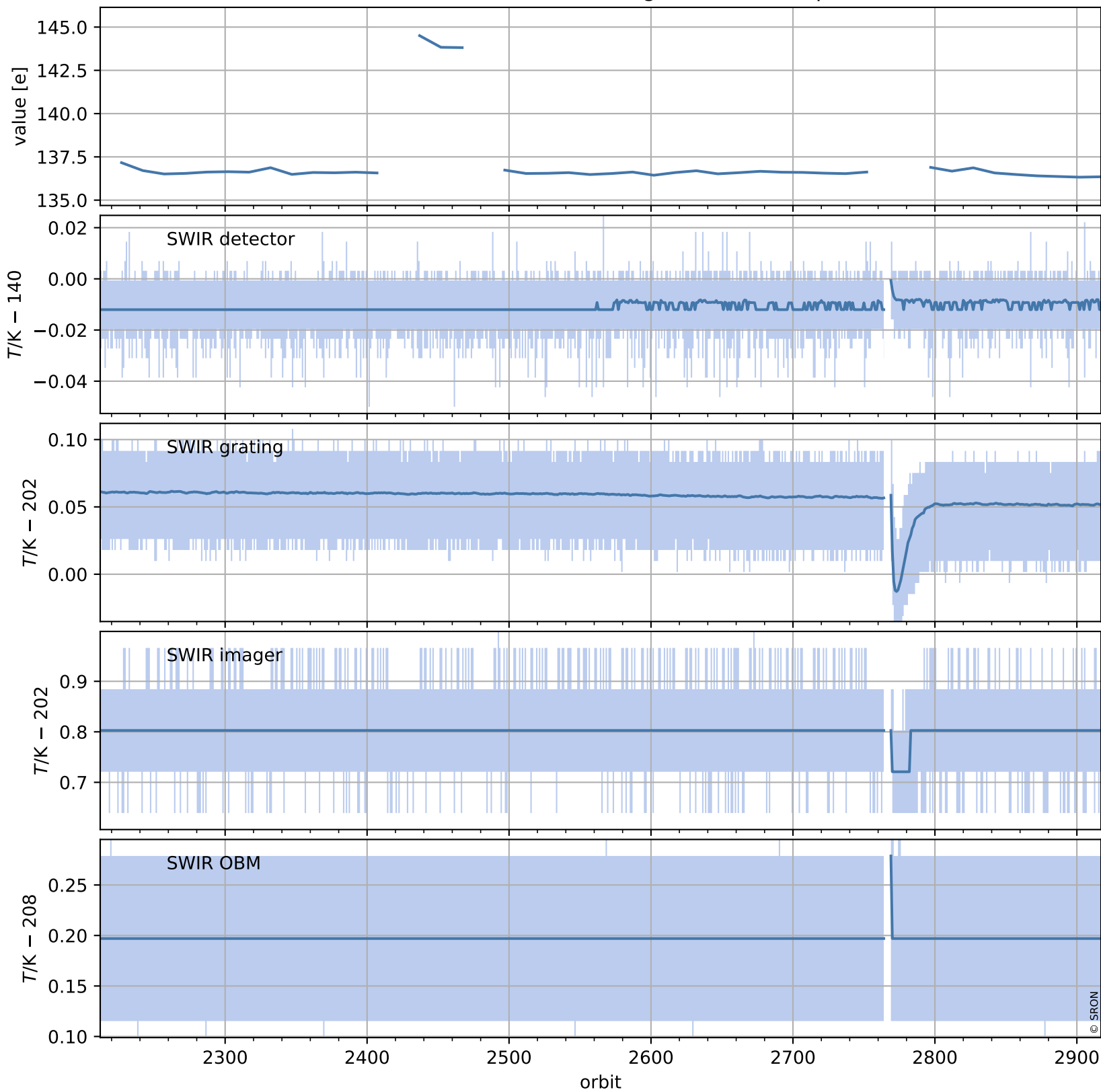
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2917]
coverage : 2018-03-18 / 2018-05-07
created : 2023-08-21T14:19:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2917]
coverage : 2018-03-18 / 2018-05-07
created : 2023-08-21T14:19:30

trend of normalized read-noise & temperatures

