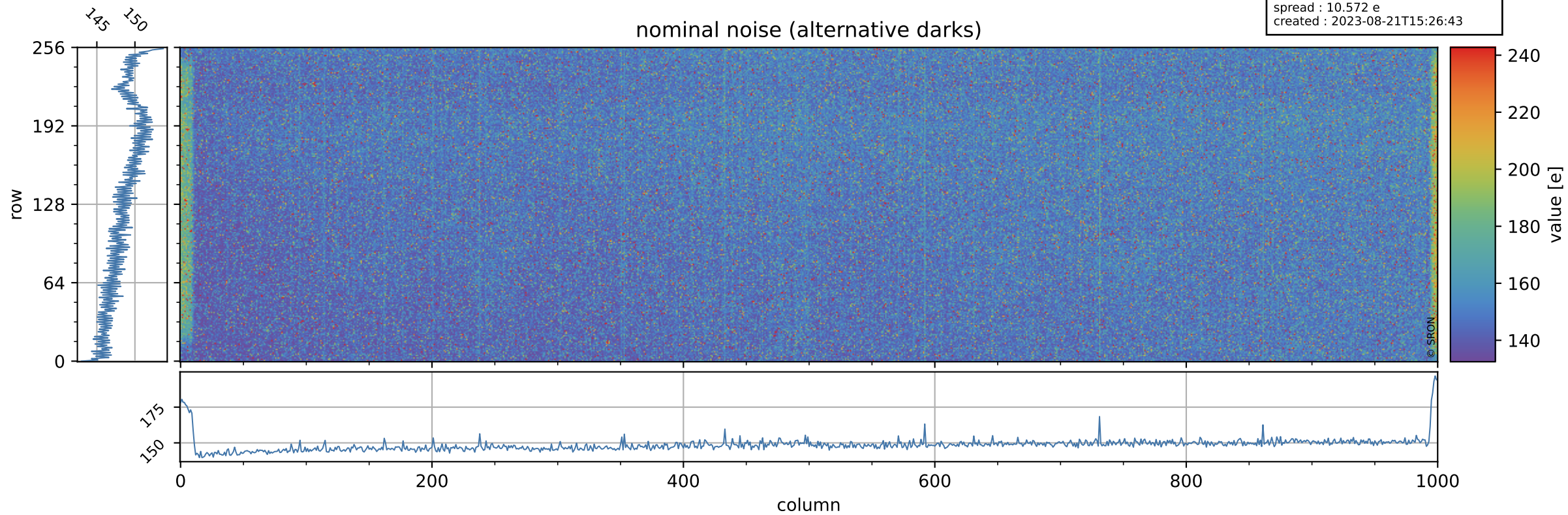


Tropomi SWIR background noise (swir)

orbits : 13 in [12547, 12622]
coverage : 2020-03-15 / 2020-03-20
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.572 e
created : 2023-08-21T15:26:43

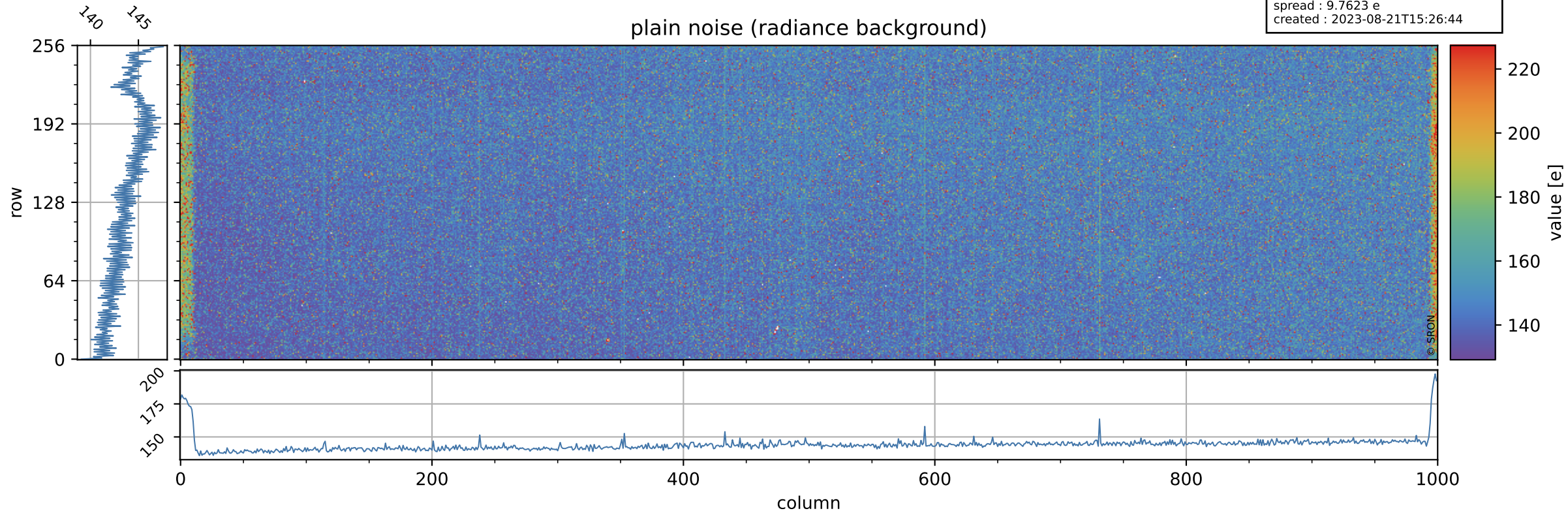
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [12547, 12622]
coverage : 2020-03-15 / 2020-03-20
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.7623 e
created : 2023-08-21T15:26:44

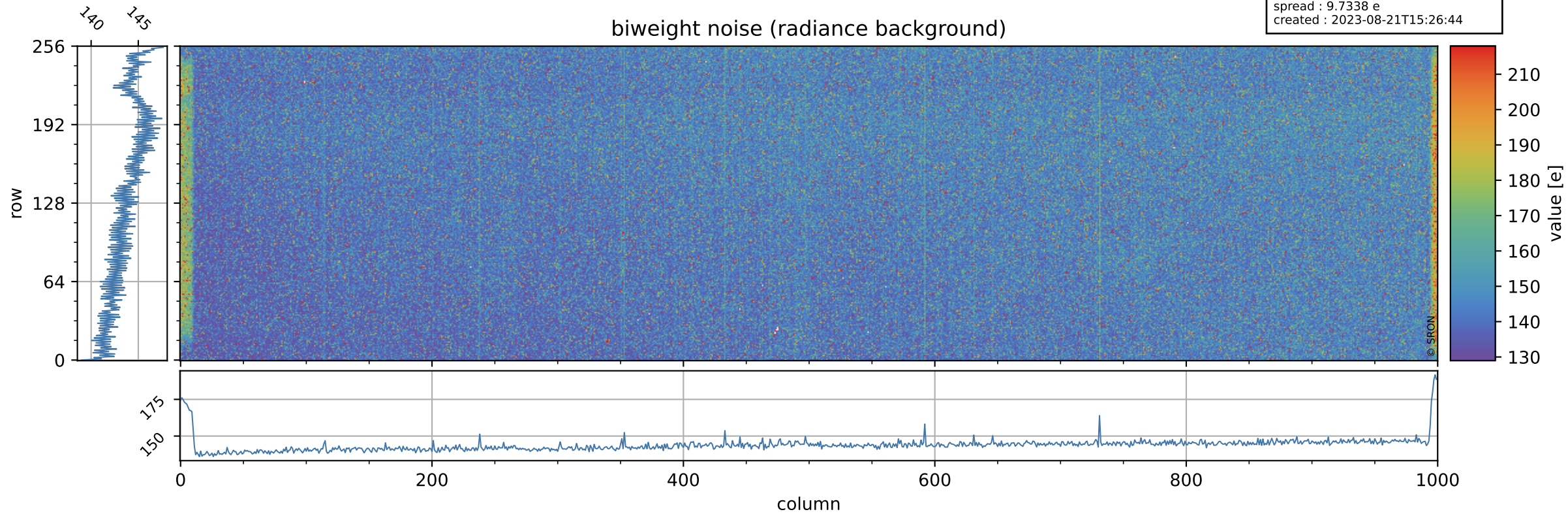
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12547, 12622]
coverage : 2020-03-15 / 2020-03-20
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.7338 e
created : 2023-08-21T15:26:44

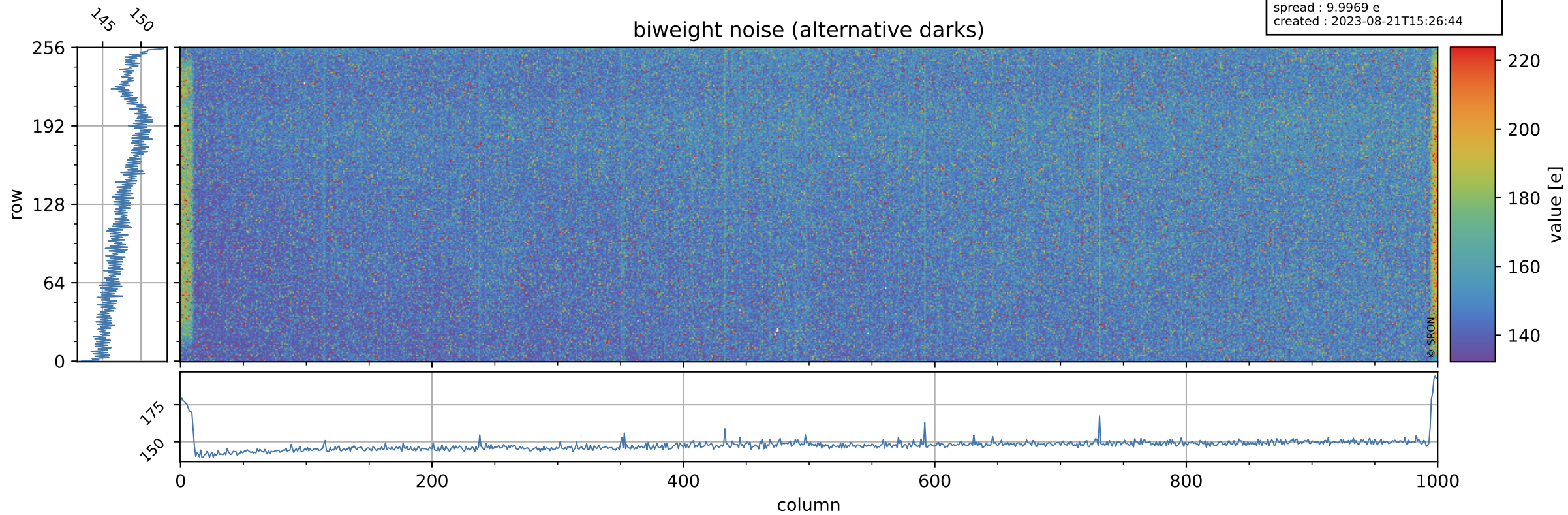
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12547, 12622]
coverage : 2020-03-15 / 2020-03-20
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 9.9969 e
created : 2023-08-21T15:26:44

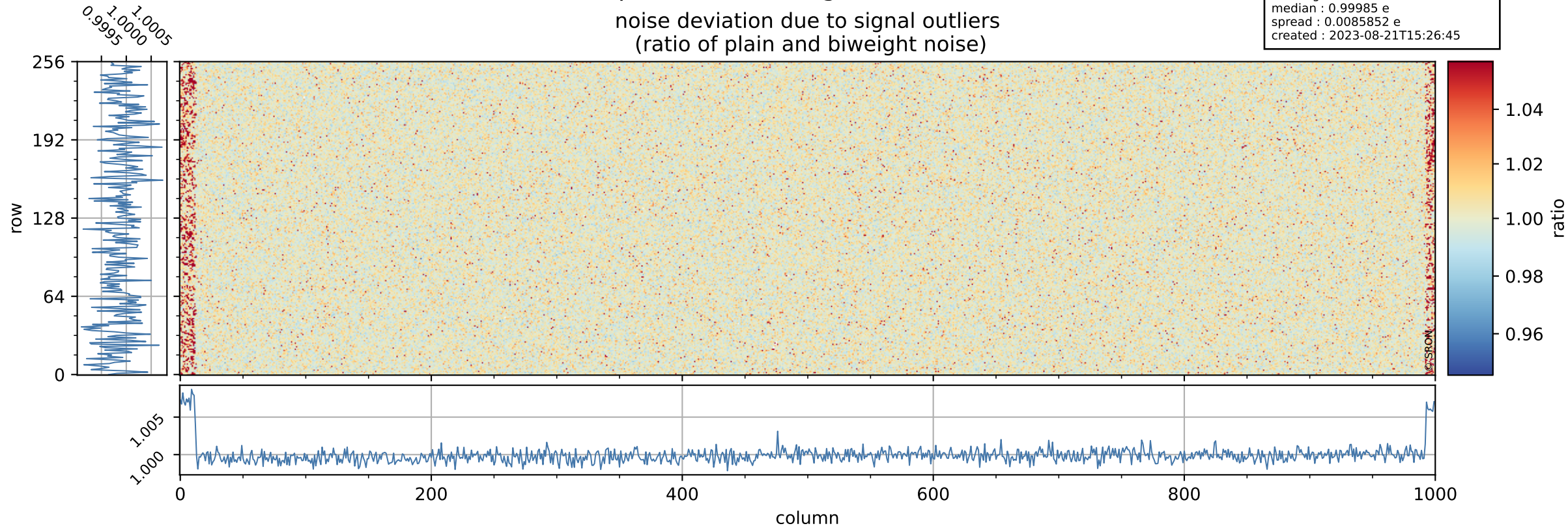
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

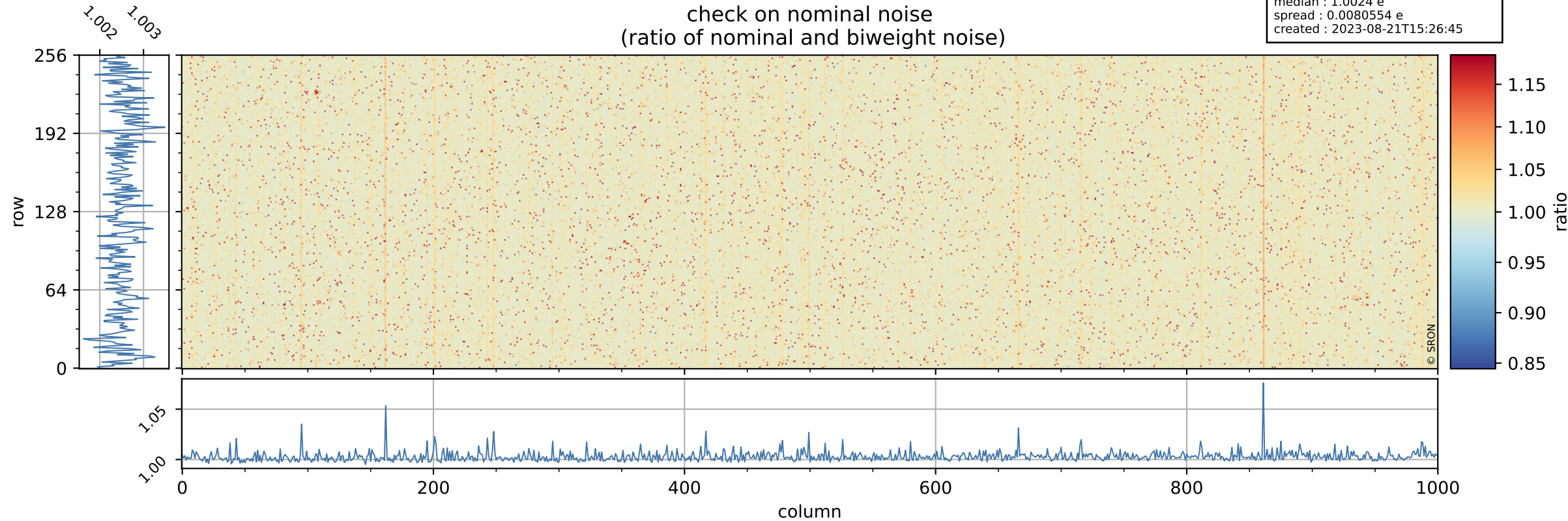
orbits : 13 in [12547, 12622]
coverage : 2020-03-15 / 2020-03-20
median : 0.99985 e
spread : 0.0085852 e
created : 2023-08-21T15:26:45



Tropomi SWIR background noise (swir)

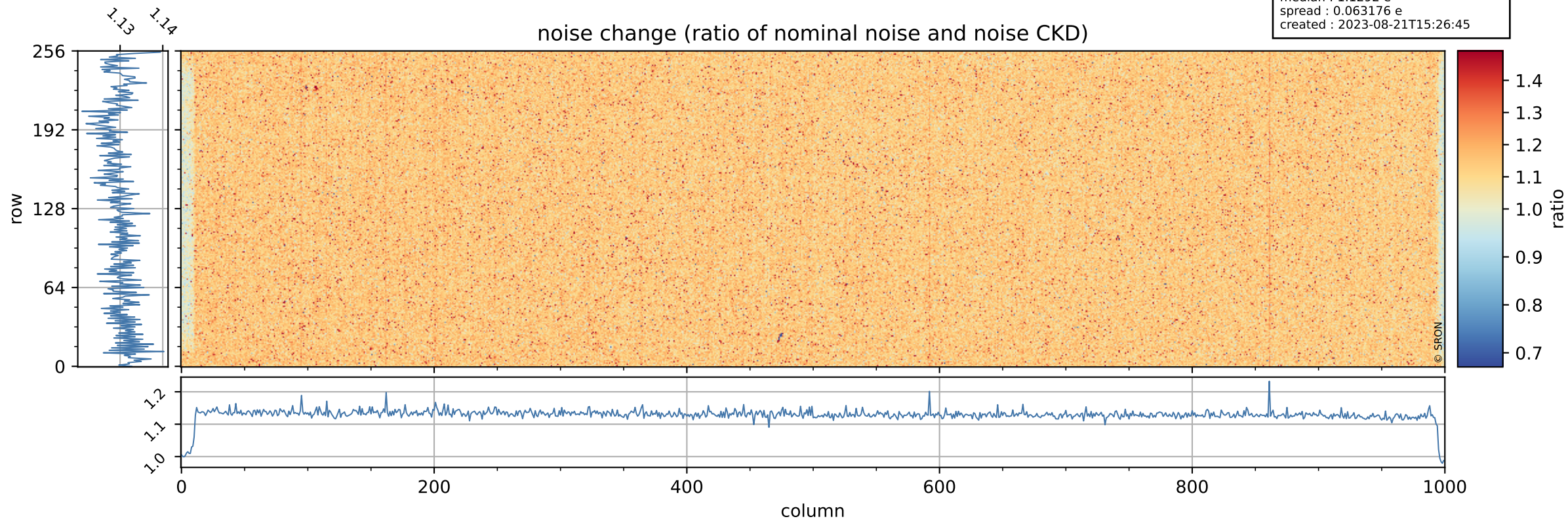
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [12547, 12622]
coverage : 2020-03-15 / 2020-03-20
median : 1.0024 e
spread : 0.0080554 e
created : 2023-08-21T15:26:45



Tropomi SWIR background noise (swir)

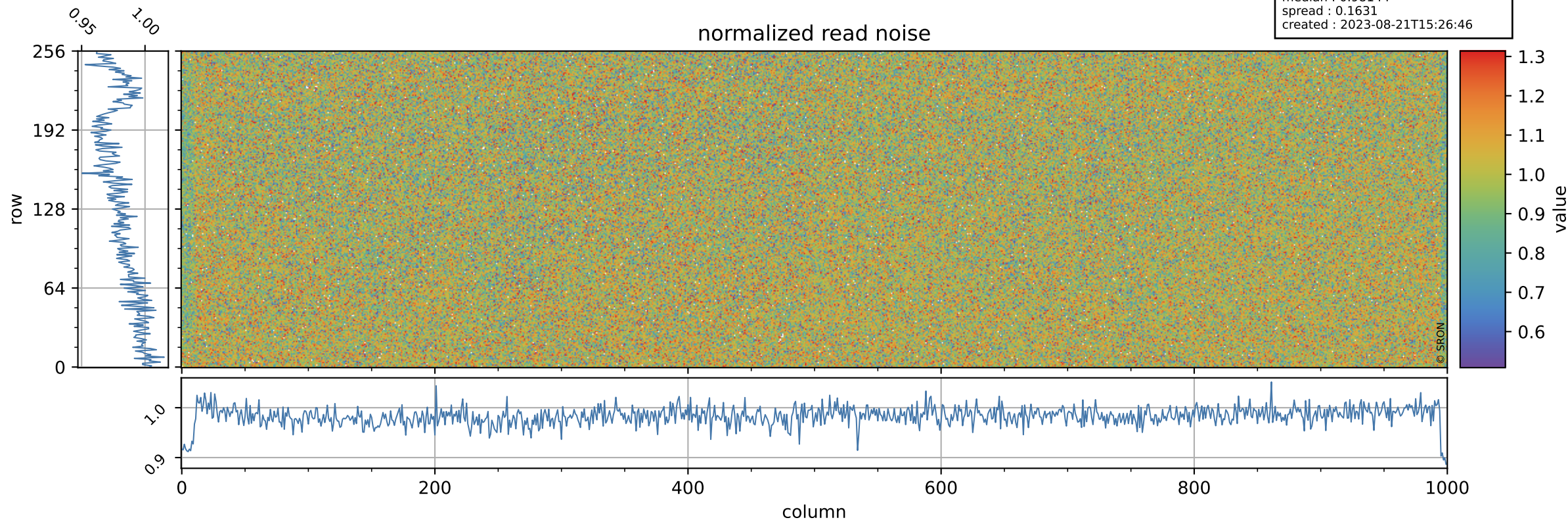
orbits : 13 in [12547, 12622]
coverage : 2020-03-15 / 2020-03-20
median : 1.1292 e
spread : 0.063176 e
created : 2023-08-21T15:26:45



Tropomi SWIR background noise (swir)

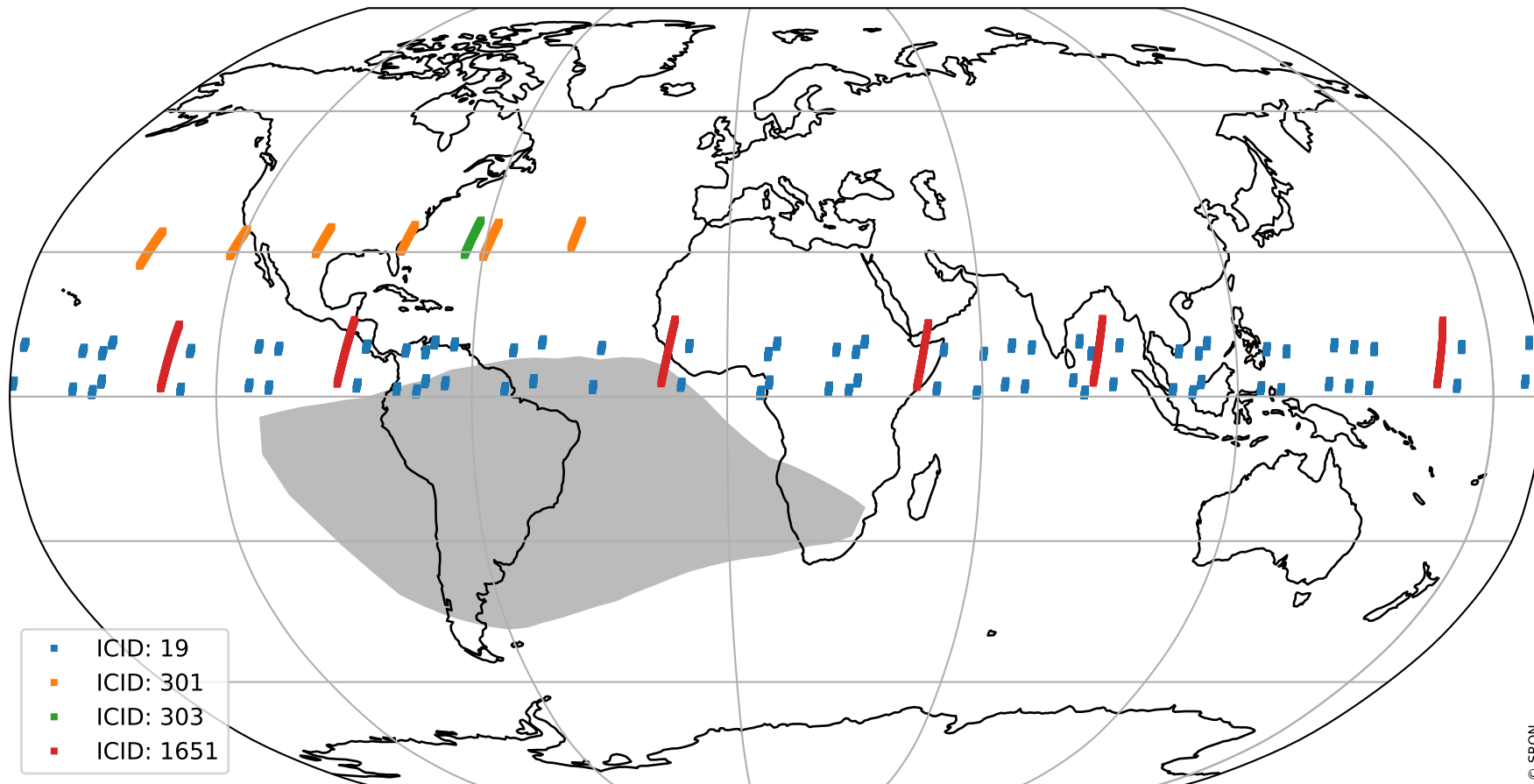
orbits : 13 in [12547, 12622]
coverage : 2020-03-15 / 2020-03-20
median : 0.98144
spread : 0.1631
created : 2023-08-21T15:26:46

normalized read noise



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

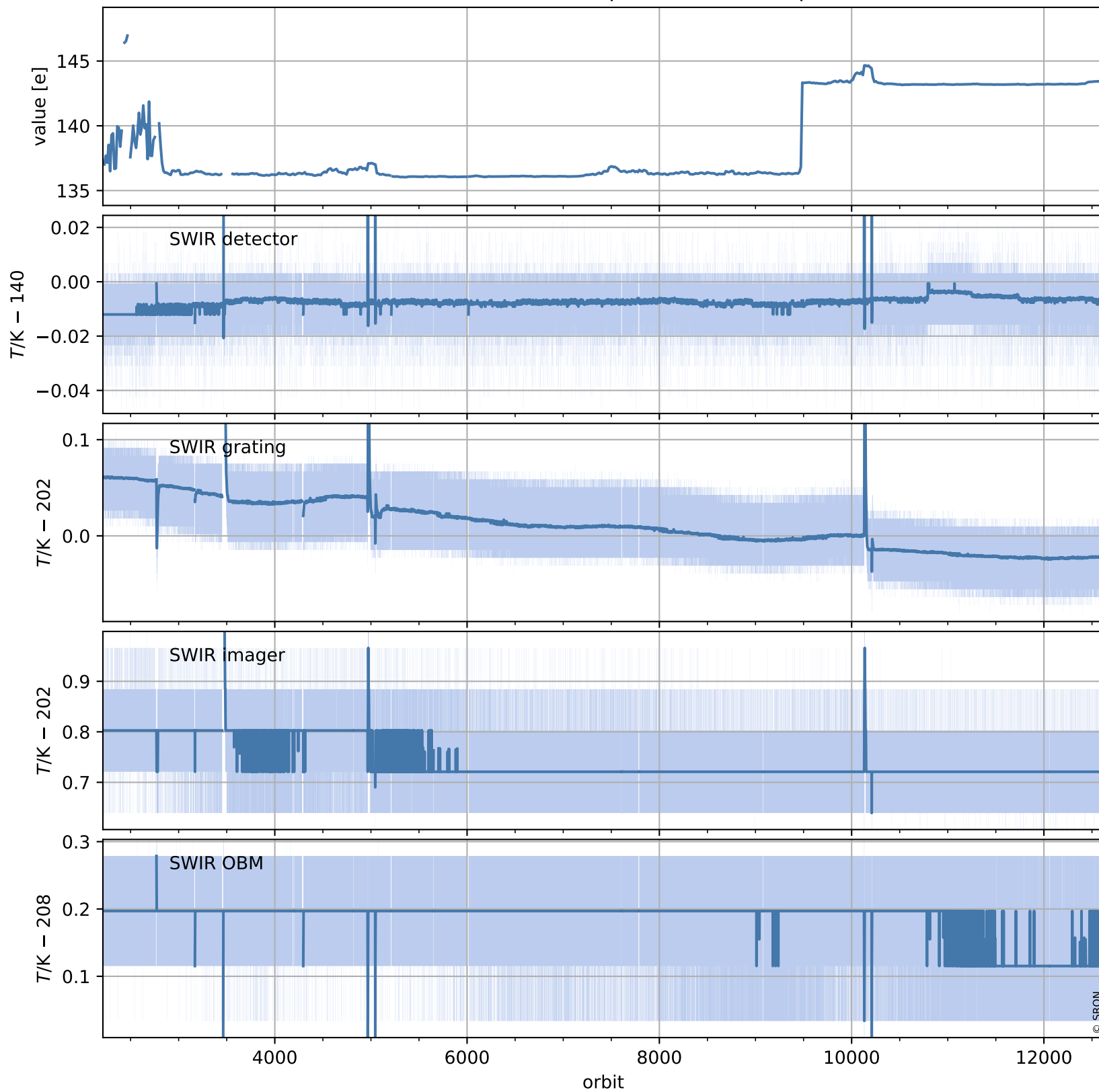
orbits : 13 in [12547, 12622]
coverage : 2020-03-15 / 2020-03-20
created : 2023-08-21T15:26:46



Tropomi SWIR background noise (swir)

orbits : [2212, 12622]
coverage : 2018-03-18 / 2020-03-20
created : 2023-08-21T15:26:46

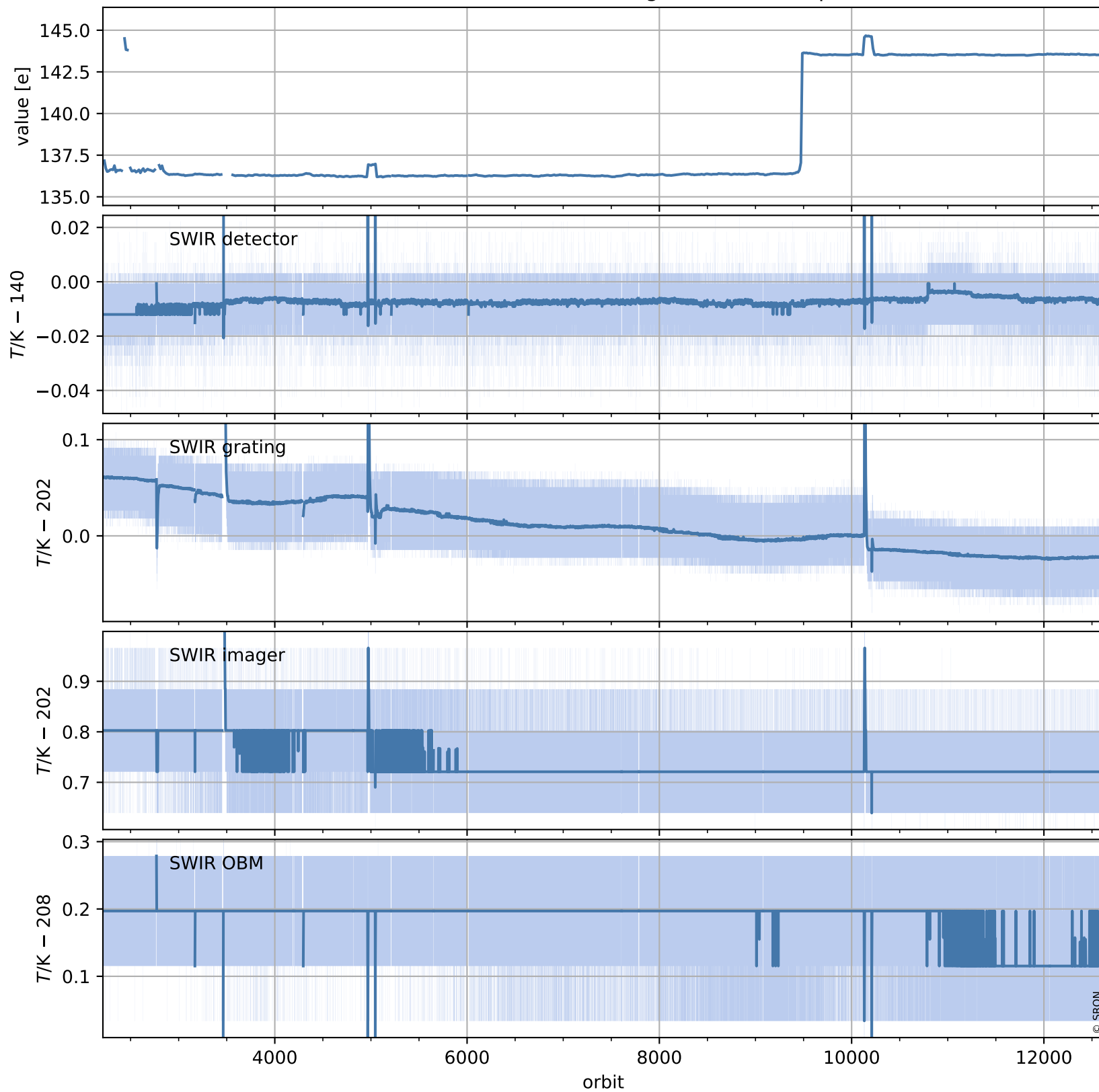
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12622]
coverage : 2018-03-18 / 2020-03-20
created : 2023-08-21T15:26:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12622]
coverage : 2018-03-18 / 2020-03-20
created : 2023-08-21T15:26:47

trend of normalized read-noise & temperatures

