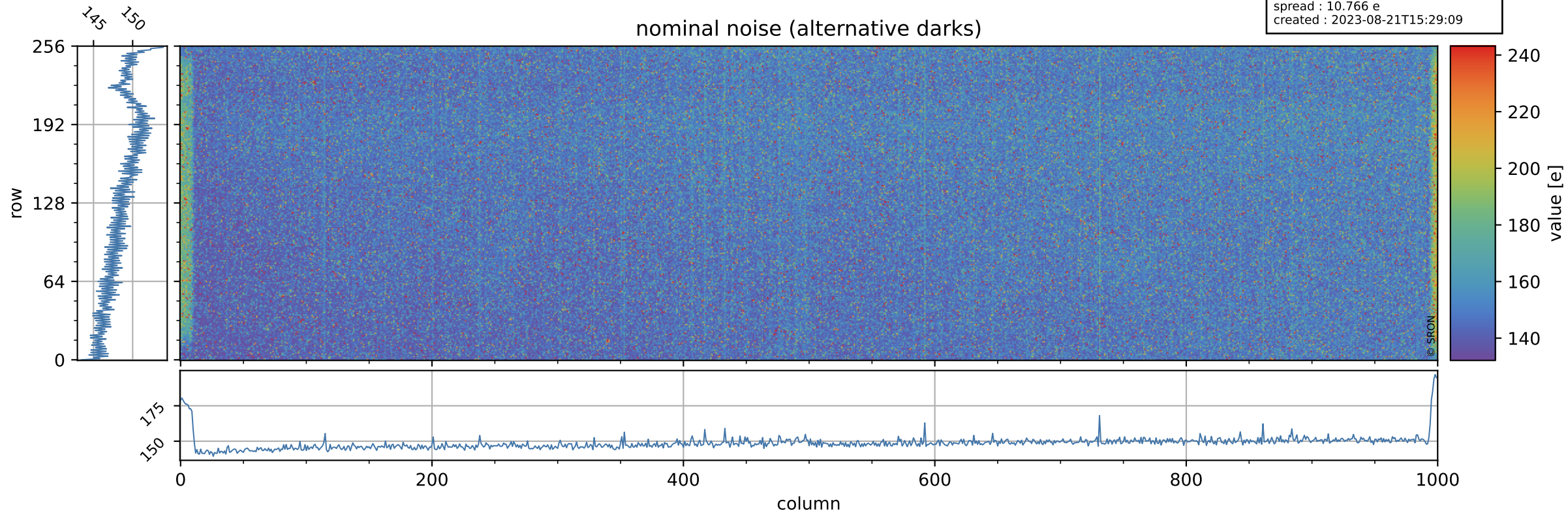


Tropomi SWIR background noise (swir)

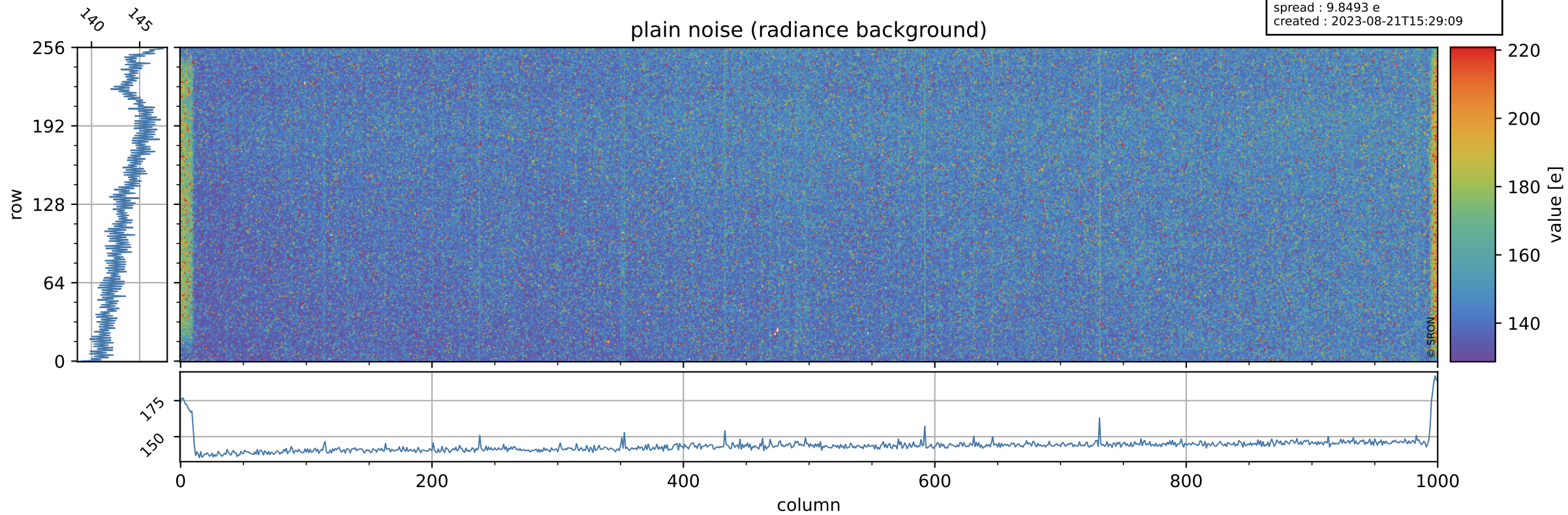
orbits : 12 in [12997, 13072]
coverage : 2020-04-15 / 2020-04-21
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.766 e
created : 2023-08-21T15:29:09



Tropomi SWIR background noise (swir)

orbits : 12 in [12997, 13072]
coverage : 2020-04-15 / 2020-04-21
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.8493 e
created : 2023-08-21T15:29:09

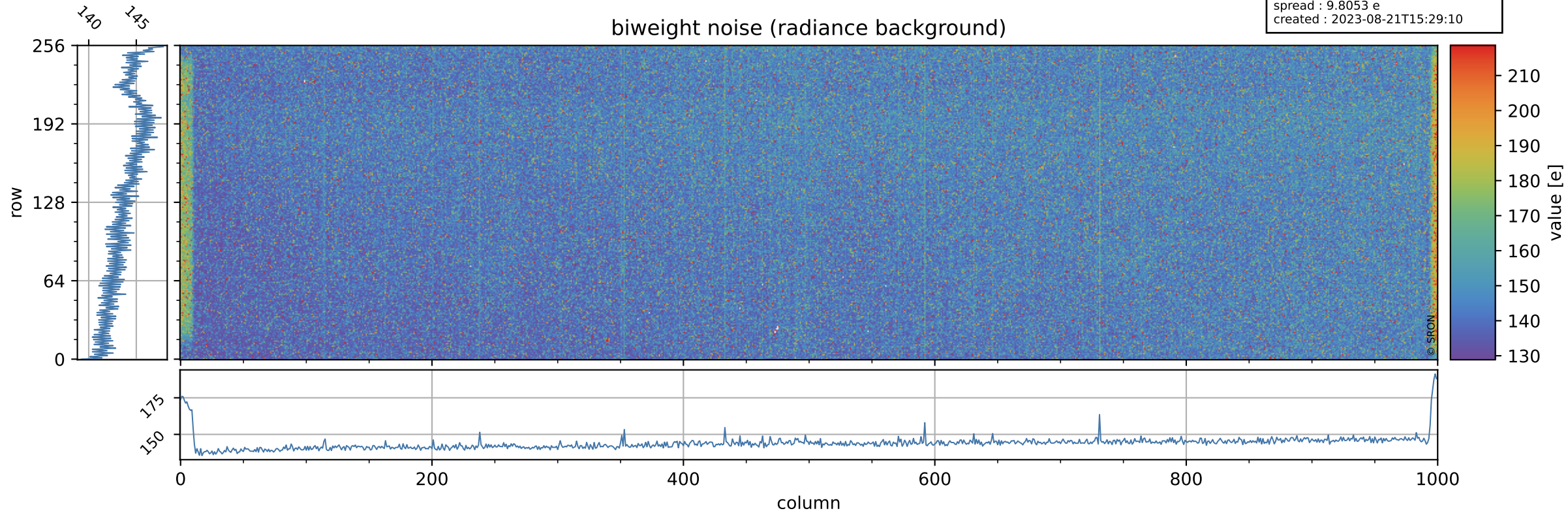
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12997, 13072]
coverage : 2020-04-15 / 2020-04-21
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.8053 e
created : 2023-08-21T15:29:10

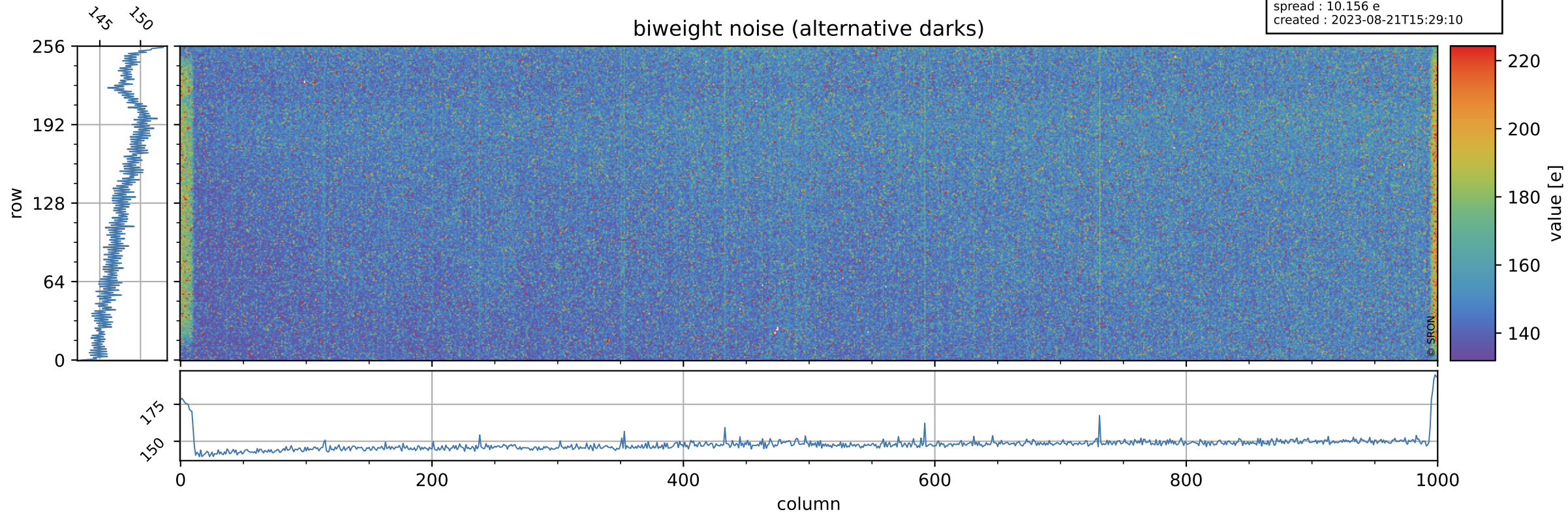
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12997, 13072]
coverage : 2020-04-15 / 2020-04-21
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.156 e
created : 2023-08-21T15:29:10

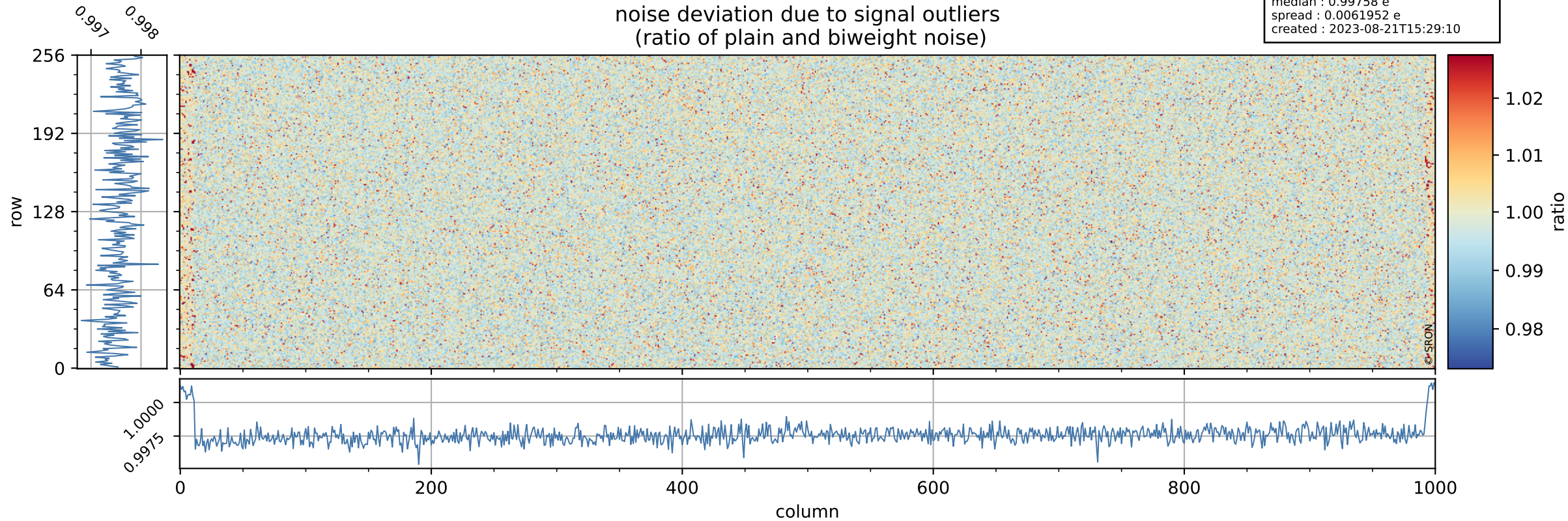
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

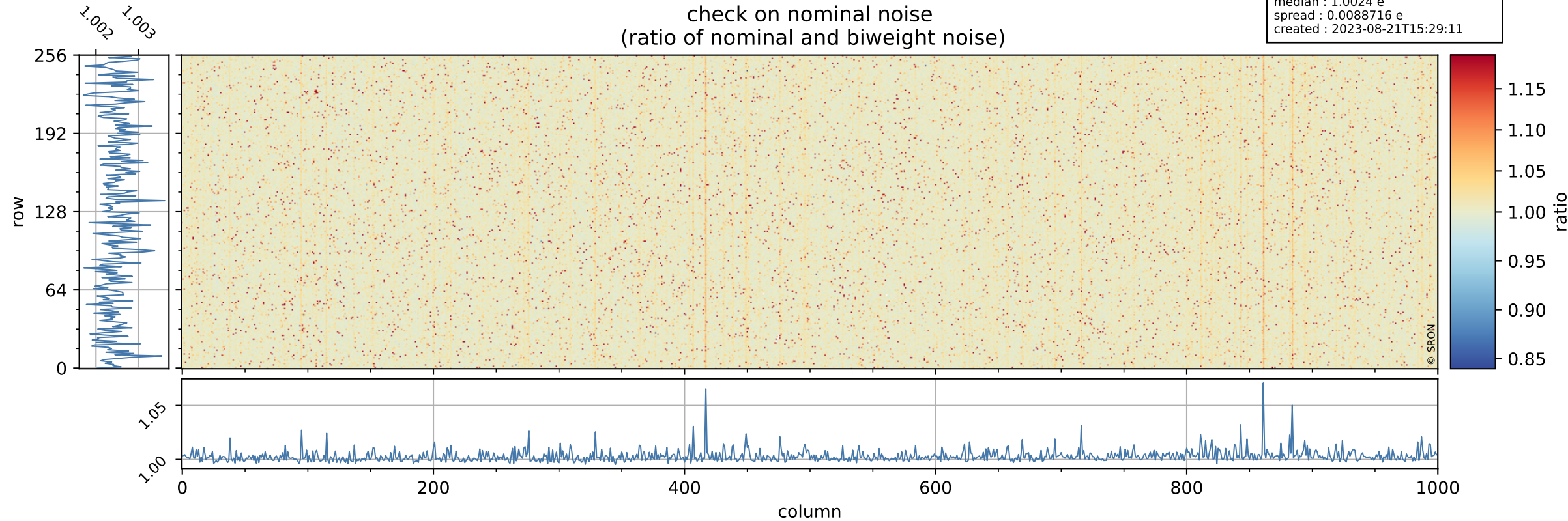
orbits : 12 in [12997, 13072]
coverage : 2020-04-15 / 2020-04-21
median : 0.99758 e
spread : 0.0061952 e
created : 2023-08-21T15:29:10



Tropomi SWIR background noise (swir)

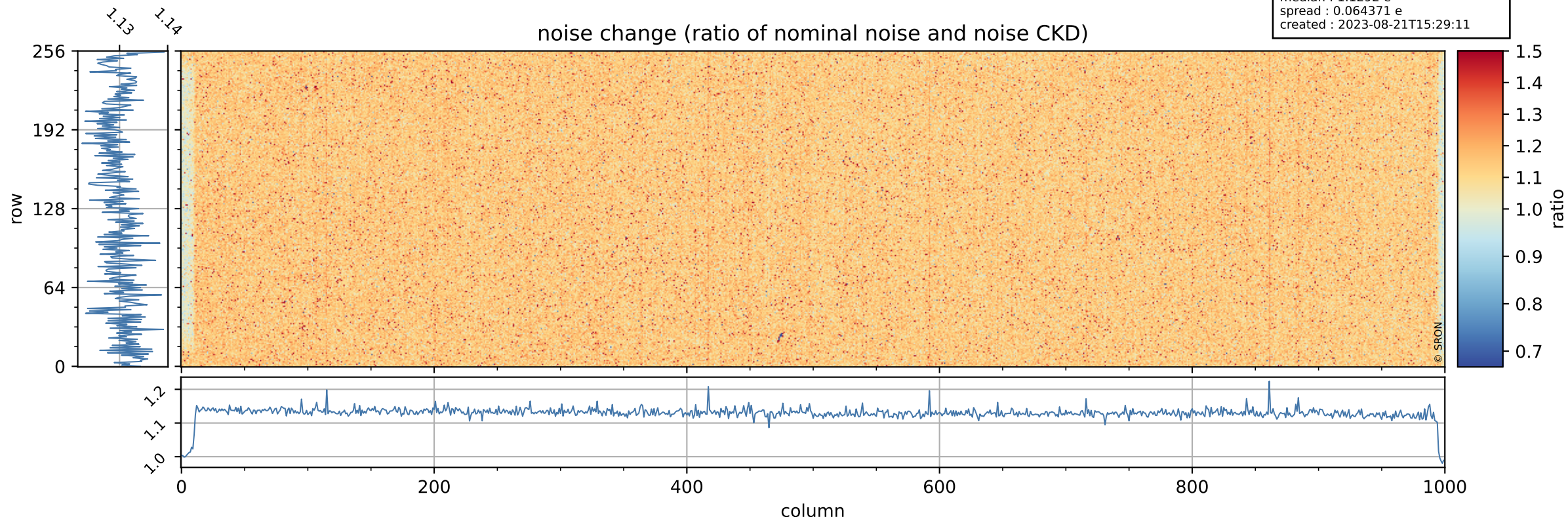
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12997, 13072]
coverage : 2020-04-15 / 2020-04-21
median : 1.0024 e
spread : 0.0088716 e
created : 2023-08-21T15:29:11



Tropomi SWIR background noise (swir)

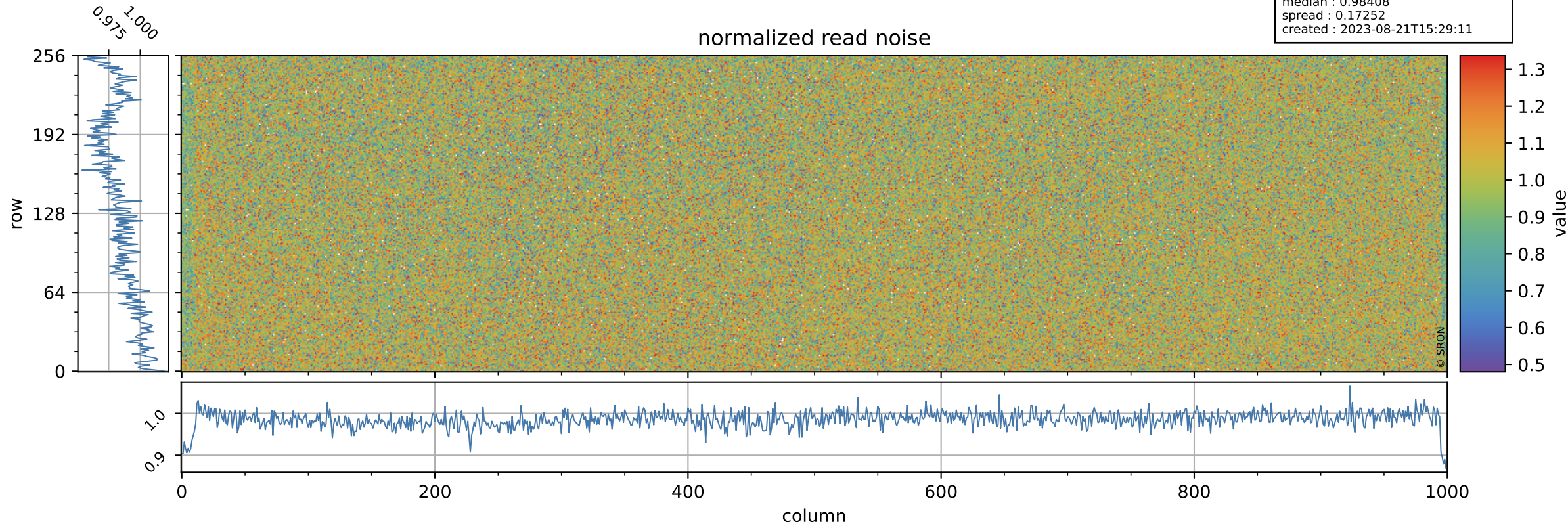
orbits : 12 in [12997, 13072]
coverage : 2020-04-15 / 2020-04-21
median : 1.1292 e
spread : 0.064371 e
created : 2023-08-21T15:29:11



Tropomi SWIR background noise (swir)

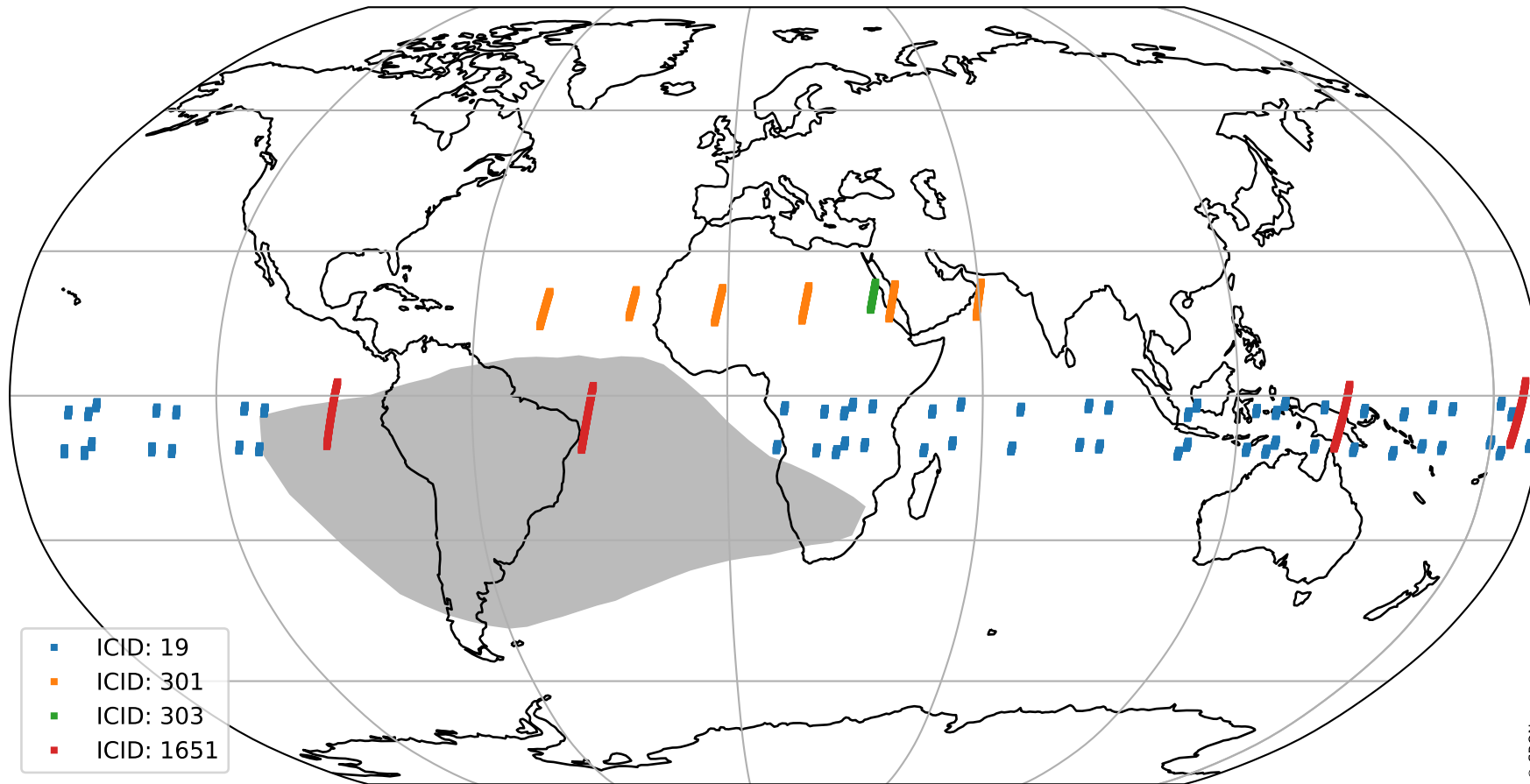
orbits : 12 in [12997, 13072]
coverage : 2020-04-15 / 2020-04-21
median : 0.98408
spread : 0.17252
created : 2023-08-21T15:29:11

normalized read noise



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

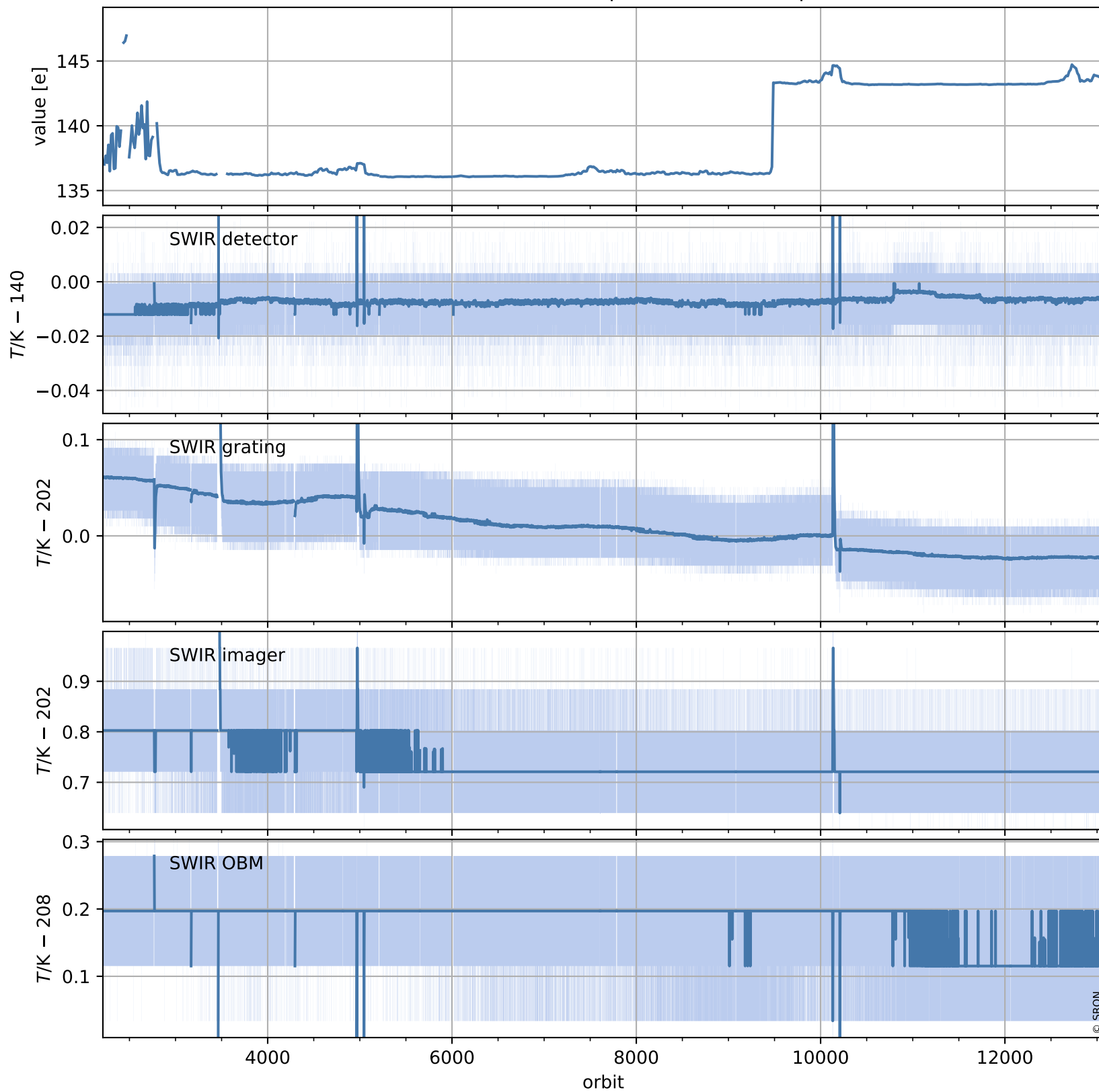
orbits : 12 in [12997, 13072]
coverage : 2020-04-15 / 2020-04-21
created : 2023-08-21T15:29:12



Tropomi SWIR background noise (swir)

orbits : [2212, 13072]
coverage : 2018-03-18 / 2020-04-21
created : 2023-08-21T15:29:12

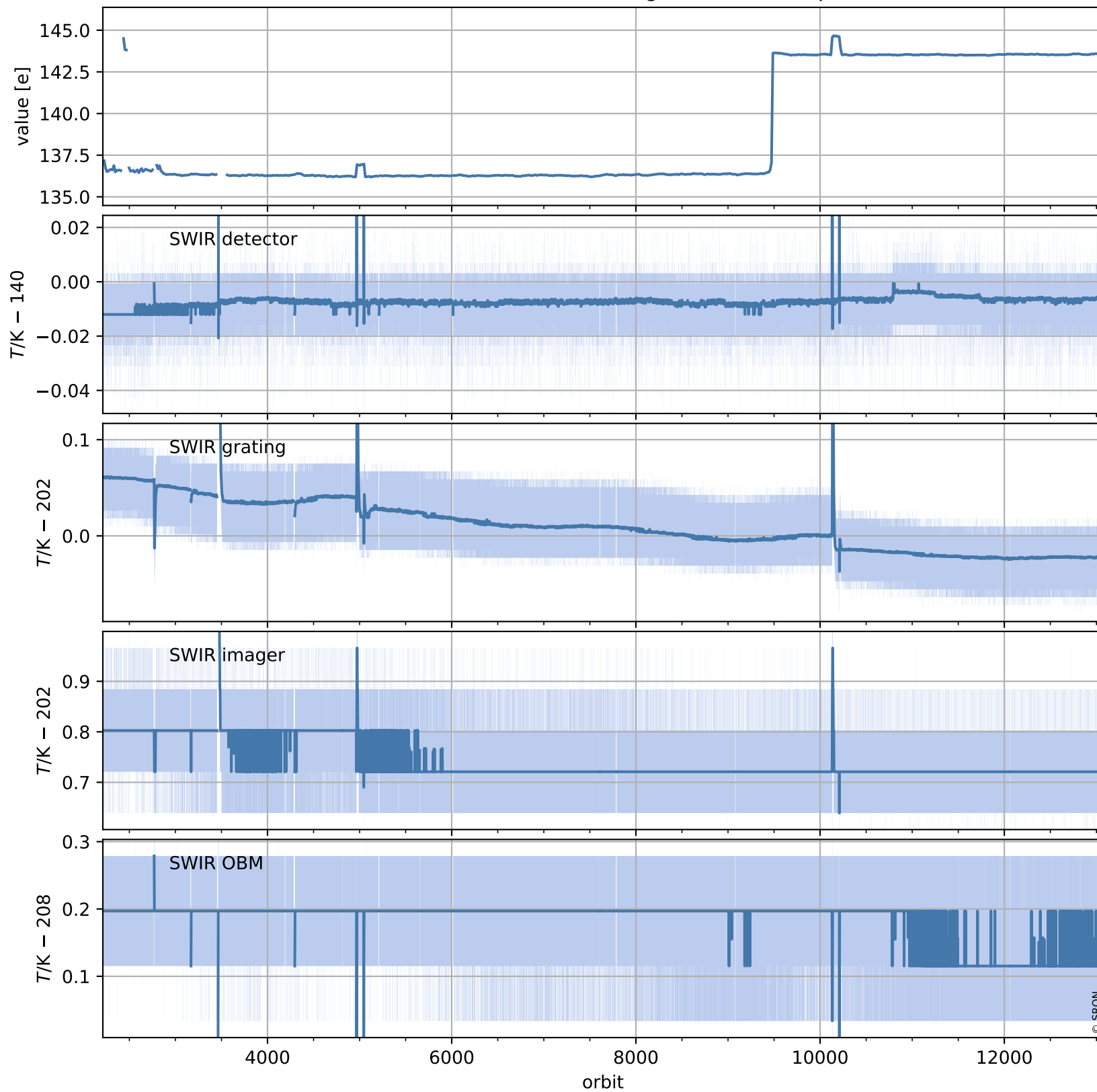
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13072]
coverage : 2018-03-18 / 2020-04-21
created : 2023-08-21T15:29:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13072]
coverage : 2018-03-18 / 2020-04-21
created : 2023-08-21T15:29:13

trend of normalized read-noise & temperatures

