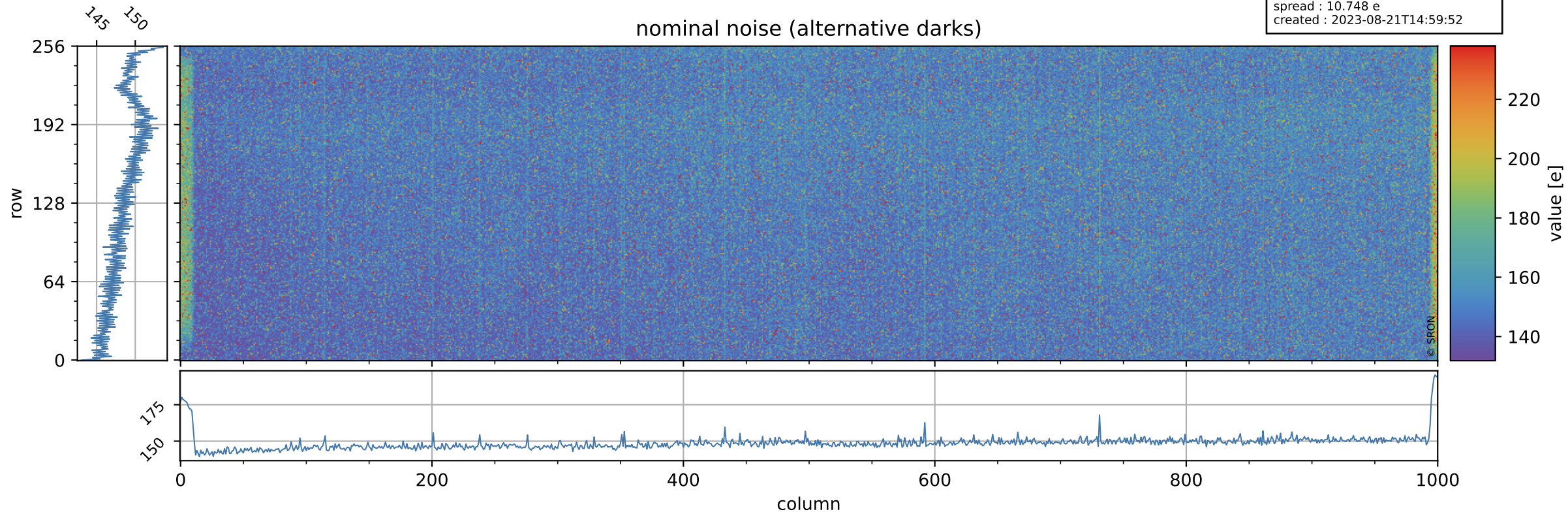


Tropomi SWIR background noise (swir)

orbits : 12 in [8797, 8887]
coverage : 2019-06-25 / 2019-07-01
n_coad, t_exp : 1, 1.0783
median : 148.45 e
spread : 10.748 e
created : 2023-08-21T14:59:52

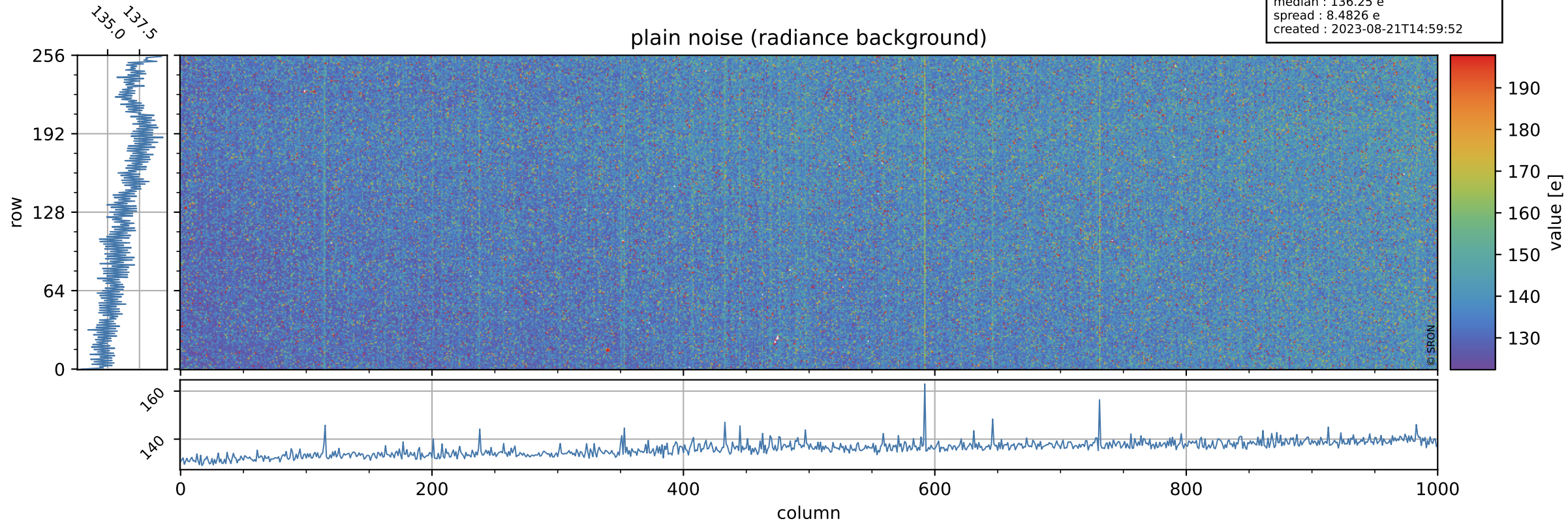
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8797, 8887]
coverage : 2019-06-25 / 2019-07-01
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.4826 e
created : 2023-08-21T14:59:52

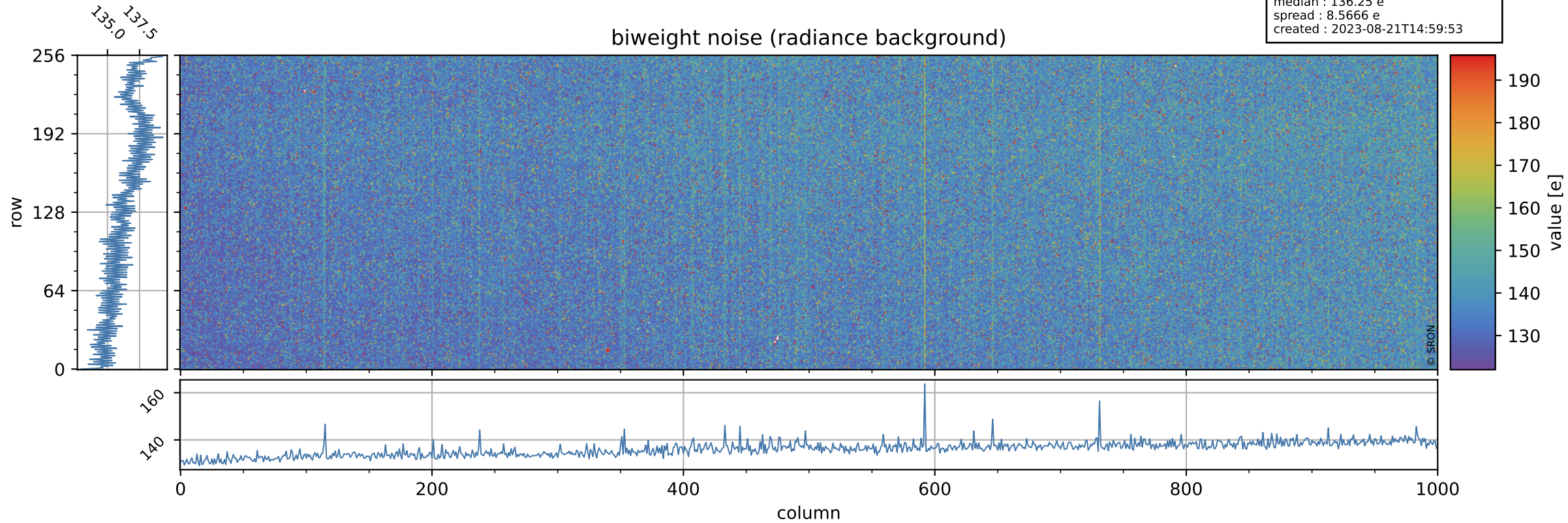
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8797, 8887]
coverage : 2019-06-25 / 2019-07-01
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.5666 e
created : 2023-08-21T14:59:53

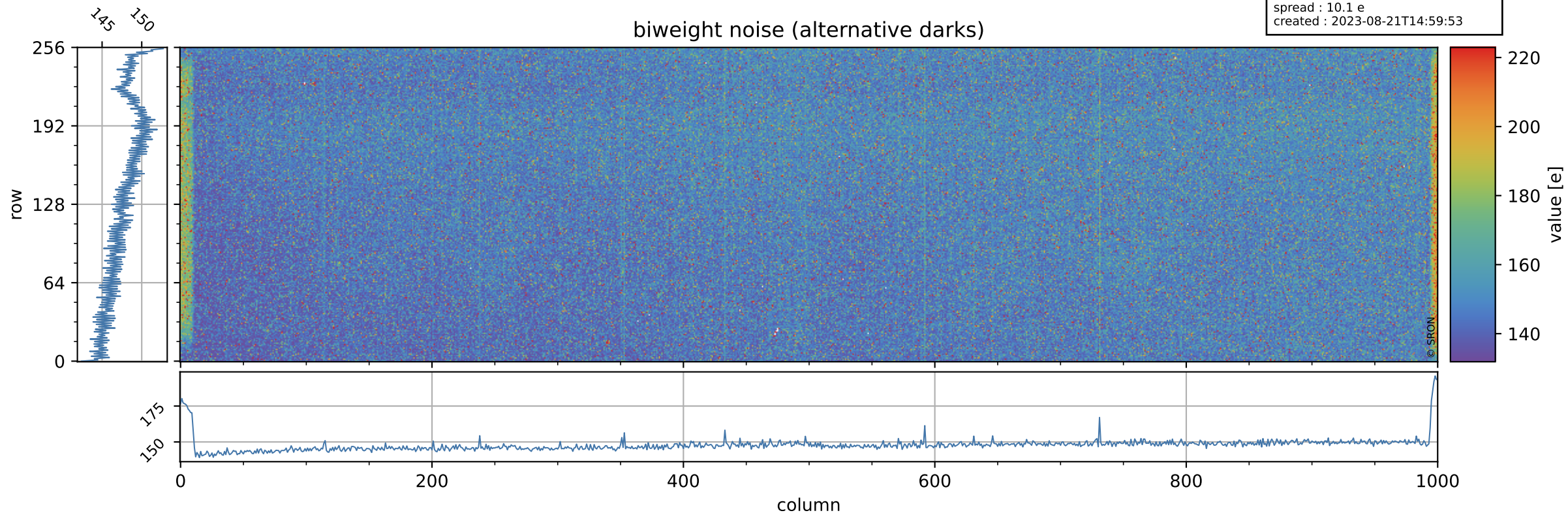
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8797, 8887]
coverage : 2019-06-25 / 2019-07-01
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.1 e
created : 2023-08-21T14:59:53

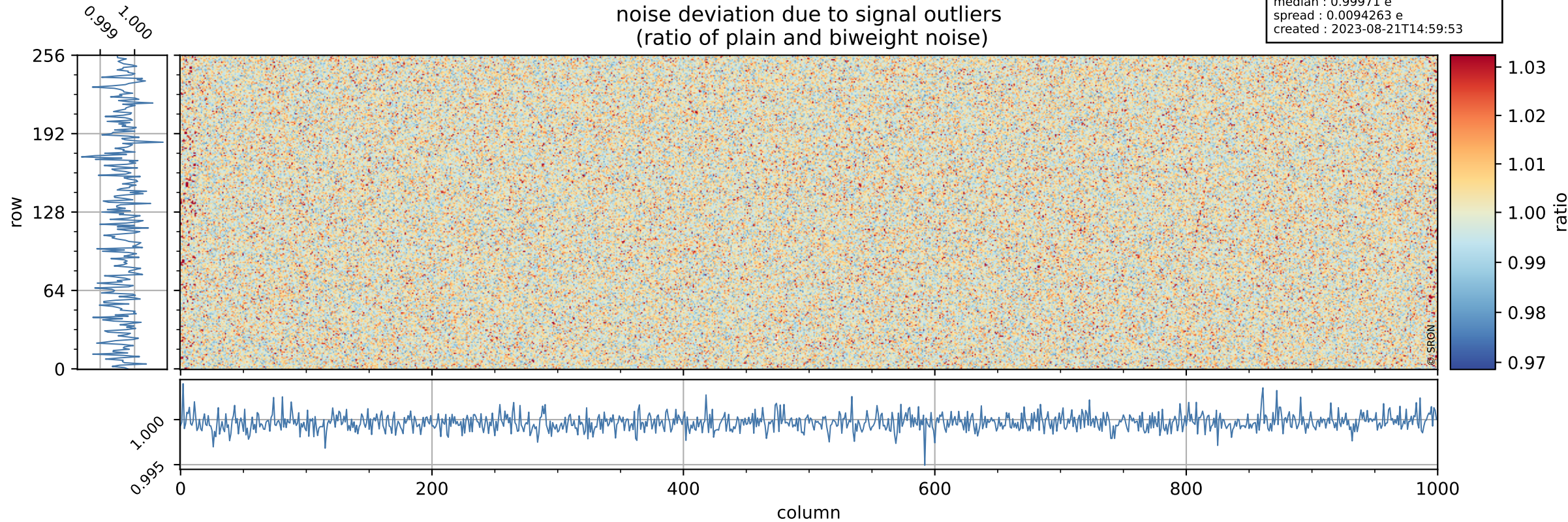
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

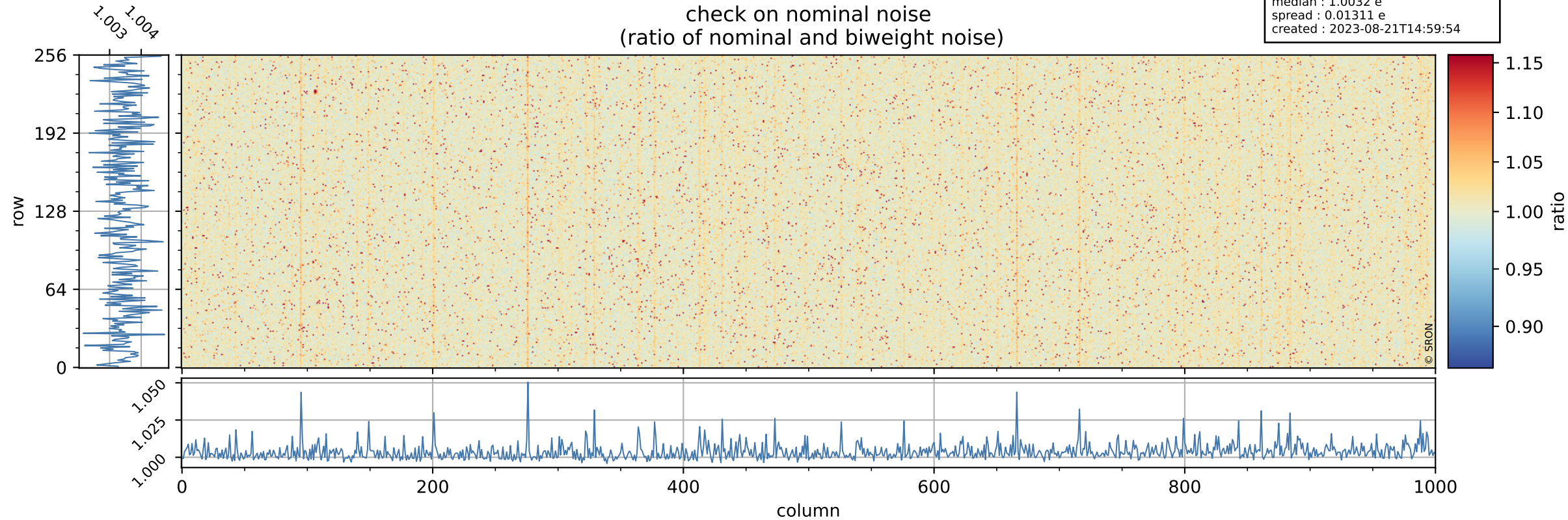
orbits : 12 in [8797, 8887]
coverage : 2019-06-25 / 2019-07-01
median : 0.99971 e
spread : 0.0094263 e
created : 2023-08-21T14:59:53



Tropomi SWIR background noise (swir)

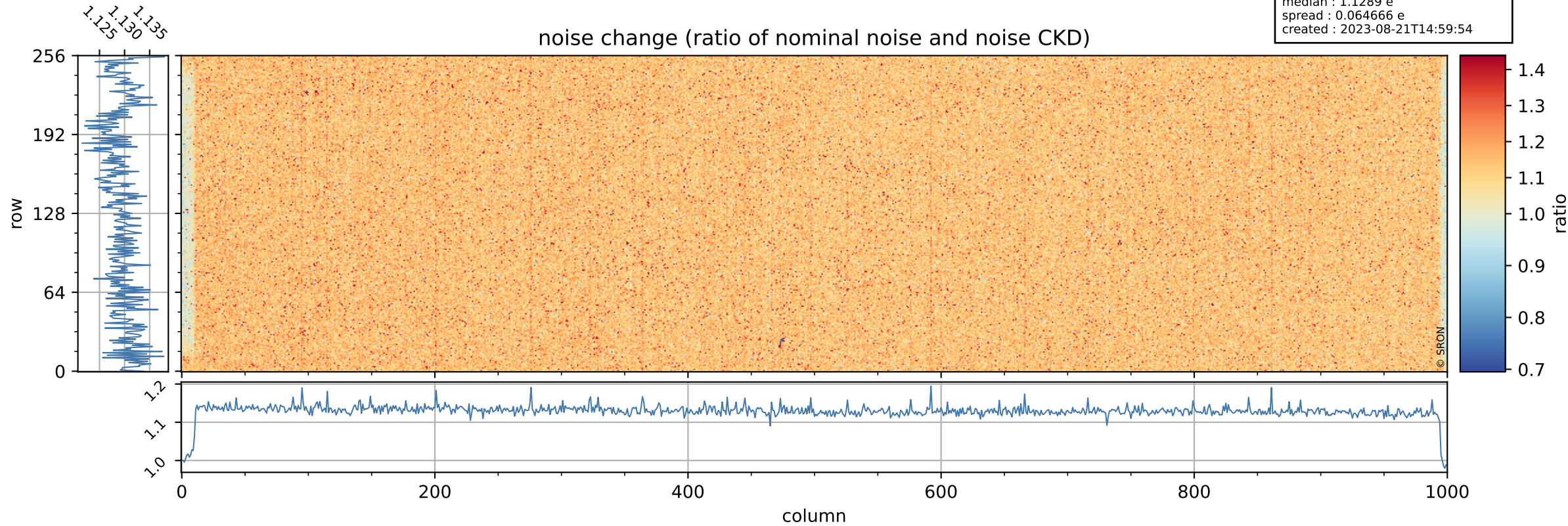
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8797, 8887]
coverage : 2019-06-25 / 2019-07-01
median : 1.0032 e
spread : 0.01311 e
created : 2023-08-21T14:59:54



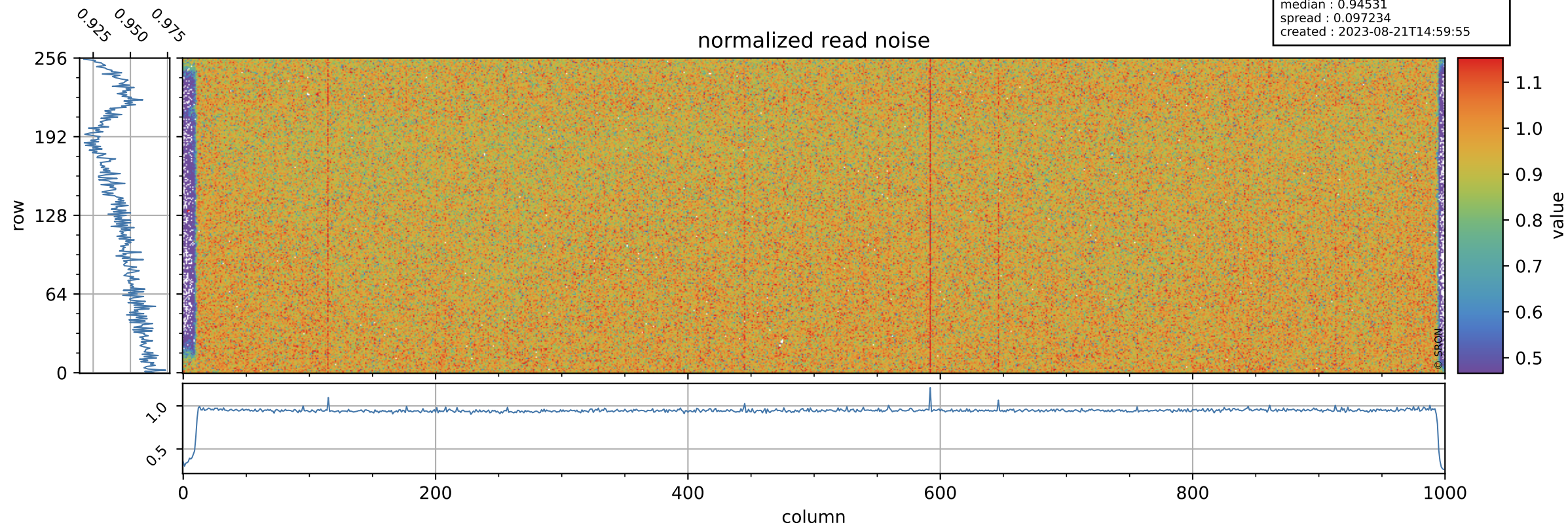
Tropomi SWIR background noise (swir)

orbits : 12 in [8797, 8887]
coverage : 2019-06-25 / 2019-07-01
median : 1.1289 e
spread : 0.064666 e
created : 2023-08-21T14:59:54



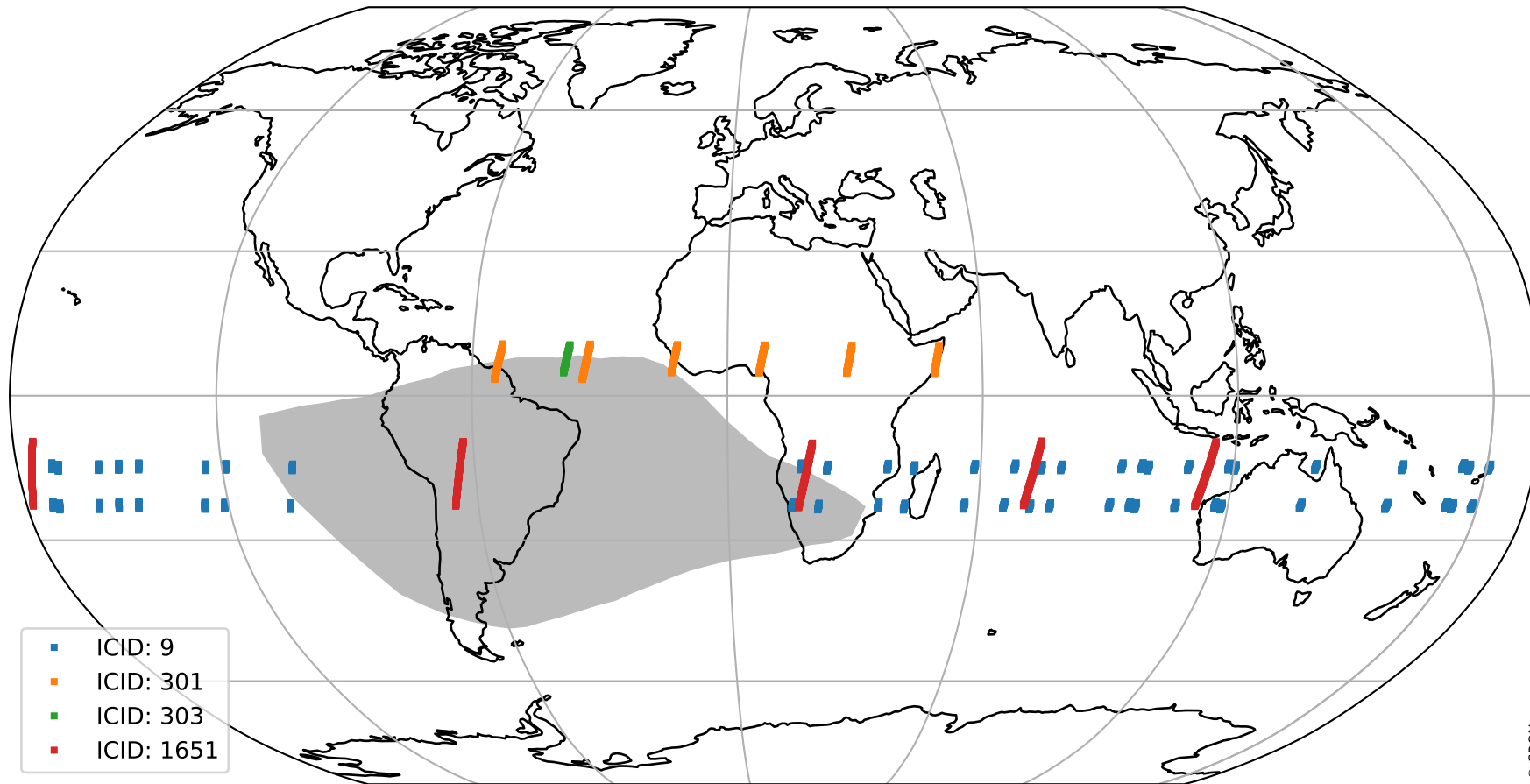
Tropomi SWIR background noise (swir)

orbits : 12 in [8797, 8887]
coverage : 2019-06-25 / 2019-07-01
median : 0.94531
spread : 0.097234
created : 2023-08-21T14:59:55



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

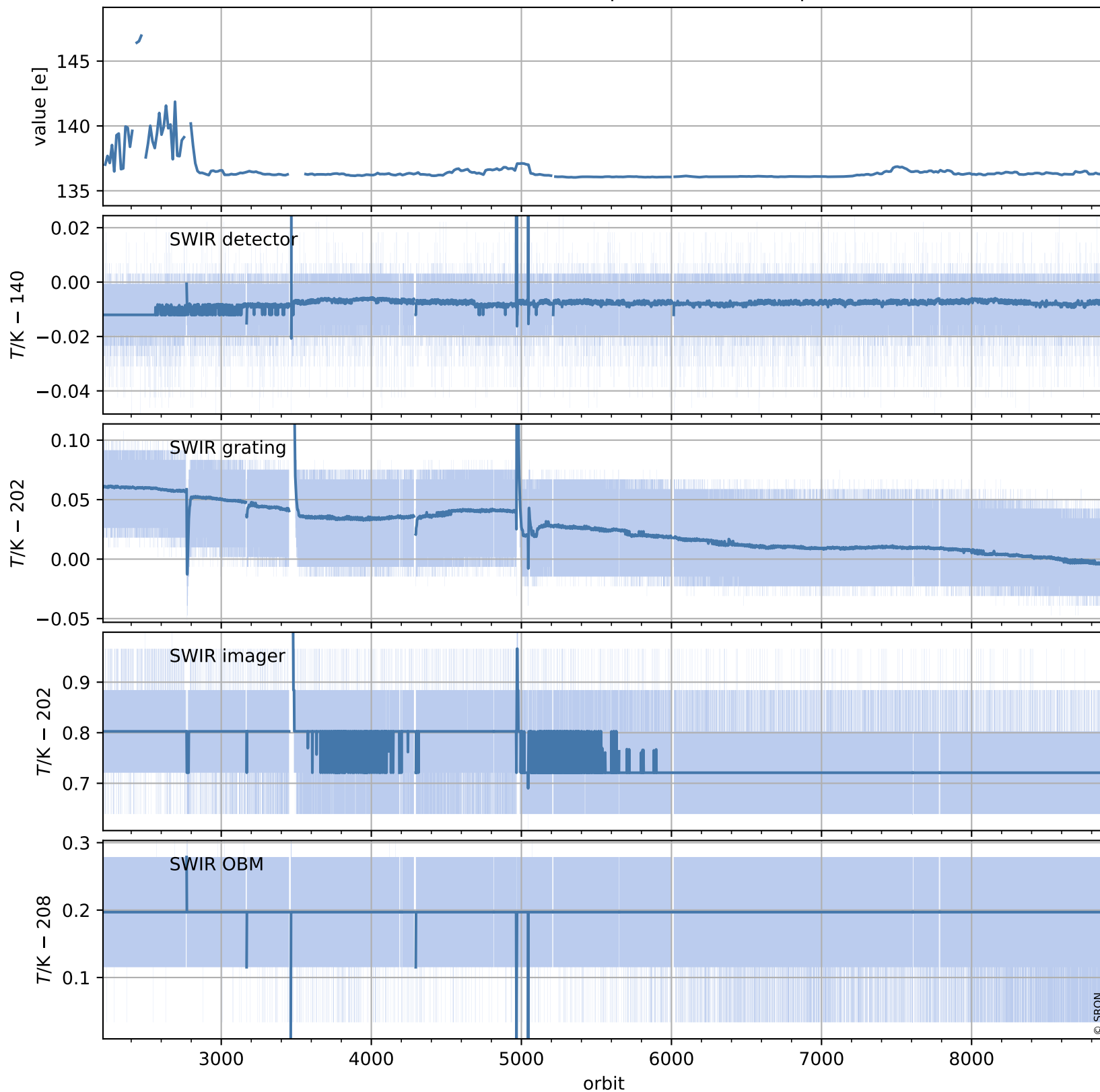
orbits : 12 in [8797, 8887]
coverage : 2019-06-25 / 2019-07-01
created : 2023-08-21T14:59:55



Tropomi SWIR background noise (swir)

orbits : [2212, 8887]
coverage : 2018-03-18 / 2019-07-01
created : 2023-08-21T14:59:55

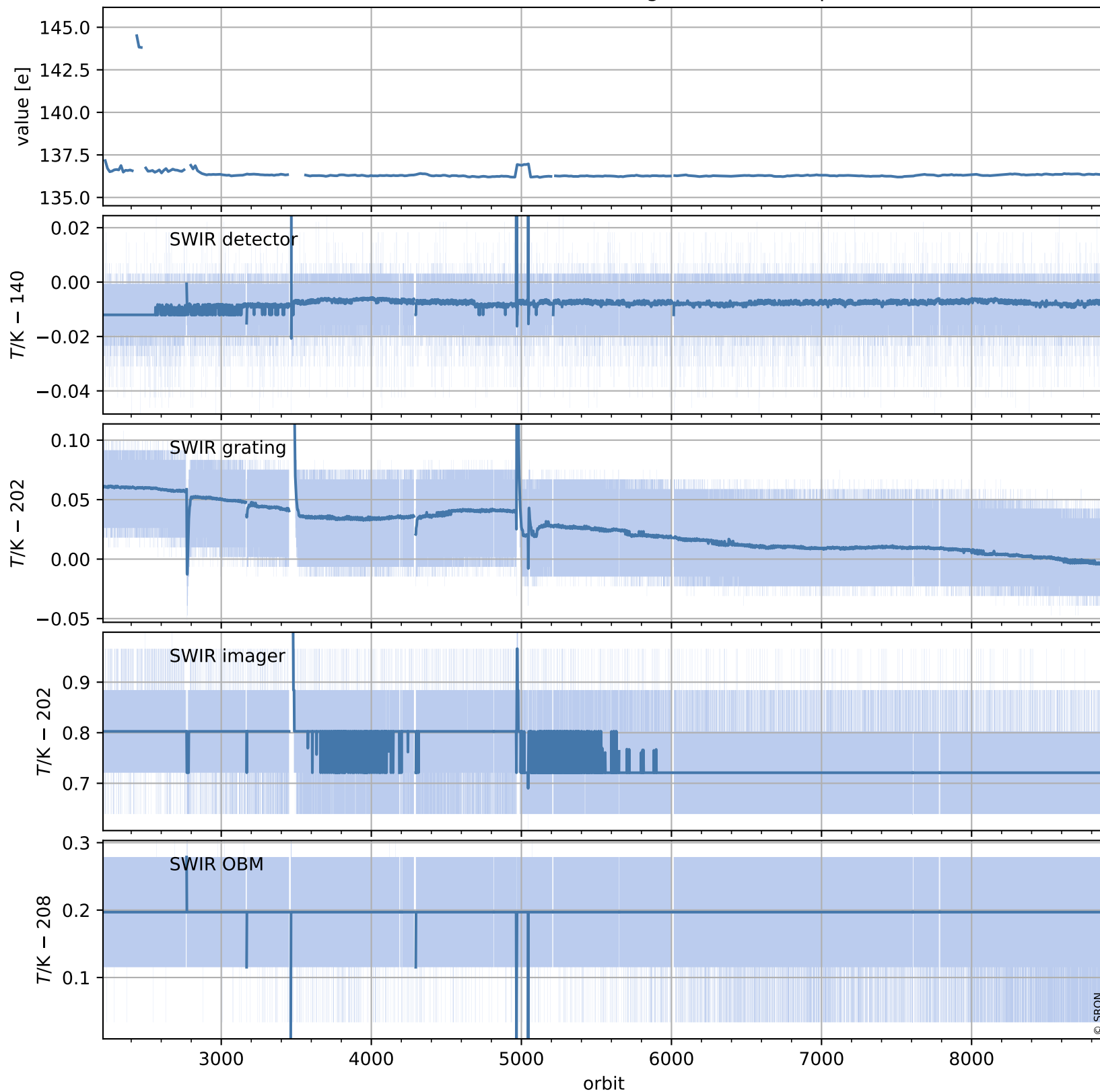
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8887]
coverage : 2018-03-18 / 2019-07-01
created : 2023-08-21T14:59:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8887]
coverage : 2018-03-18 / 2019-07-01
created : 2023-08-21T14:59:57

trend of normalized read-noise & temperatures

