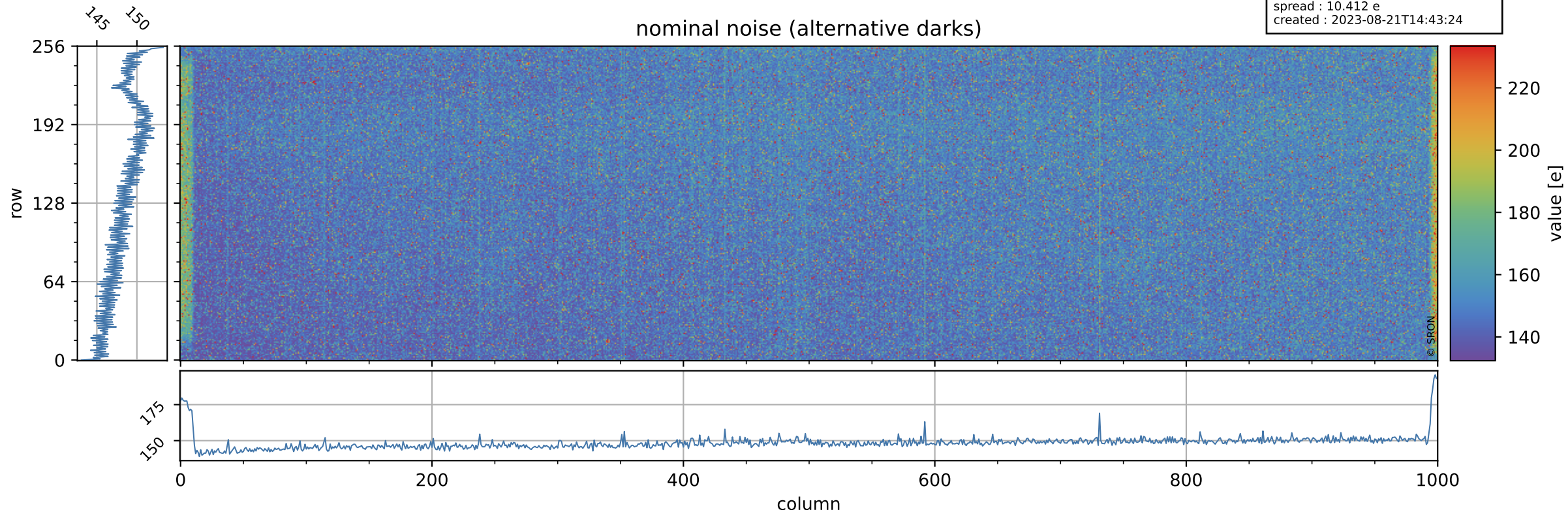


Tropomi SWIR background noise (swir)

orbits : 12 in [6592, 6667]
coverage : 2019-01-20 / 2019-01-25
n_coad, t_exp : 1, 1.0783
median : 148.29 e
spread : 10.412 e
created : 2023-08-21T14:43:24

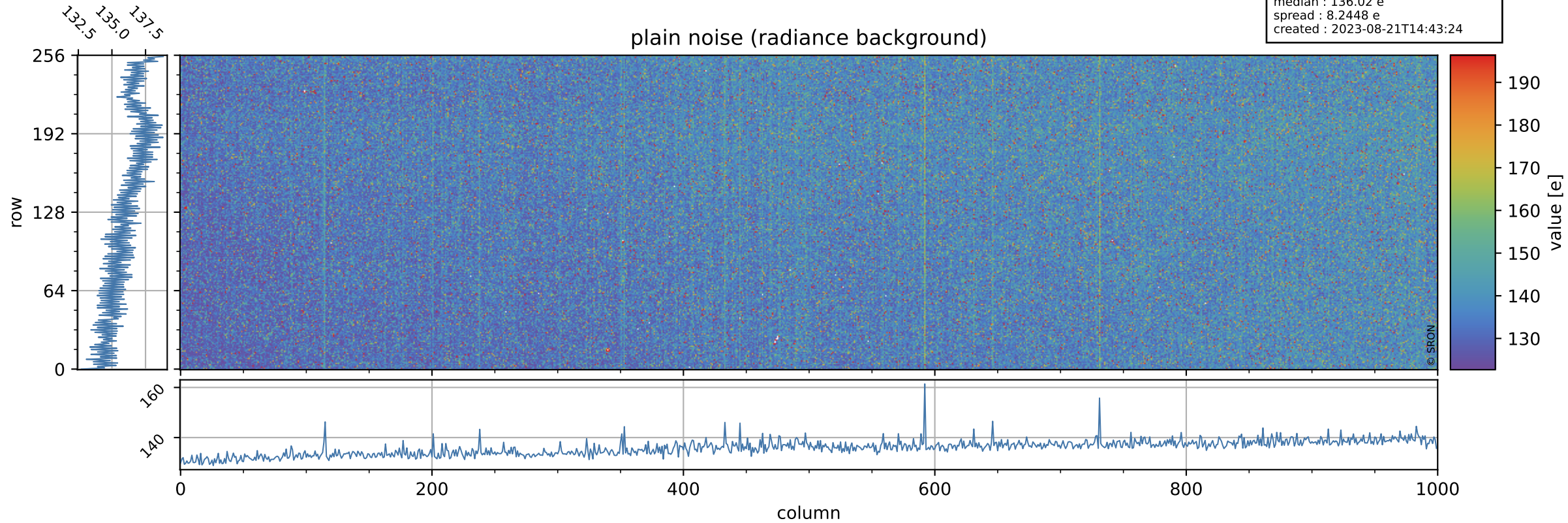
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6592, 6667]
coverage : 2019-01-20 / 2019-01-25
n_coad, t_exp : 2, 0.5383
median : 136.02 e
spread : 8.2448 e
created : 2023-08-21T14:43:24

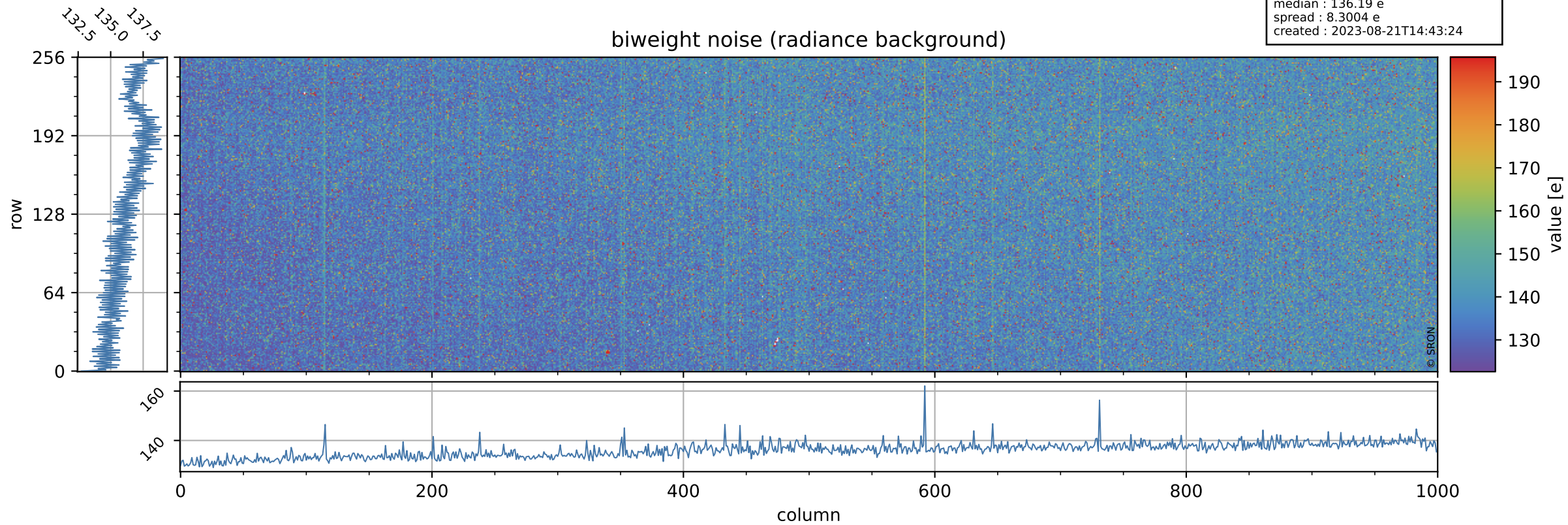
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6592, 6667]
coverage : 2019-01-20 / 2019-01-25
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.3004 e
created : 2023-08-21T14:43:24

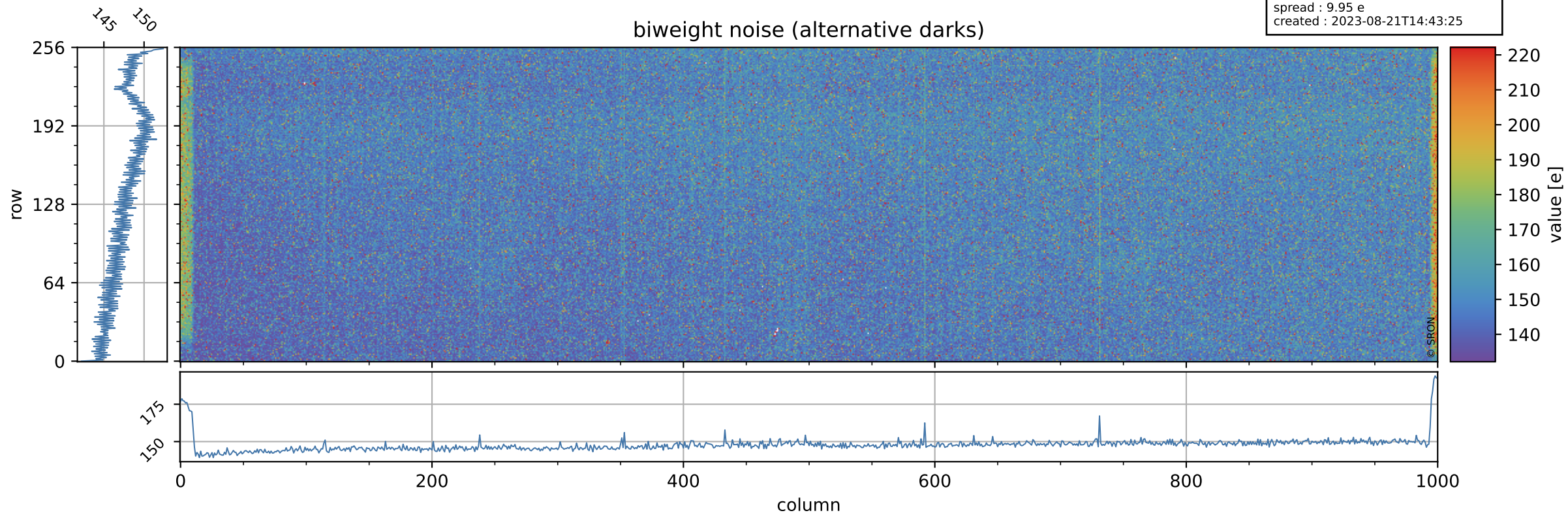
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6592, 6667]
coverage : 2019-01-20 / 2019-01-25
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.95 e
created : 2023-08-21T14:43:25

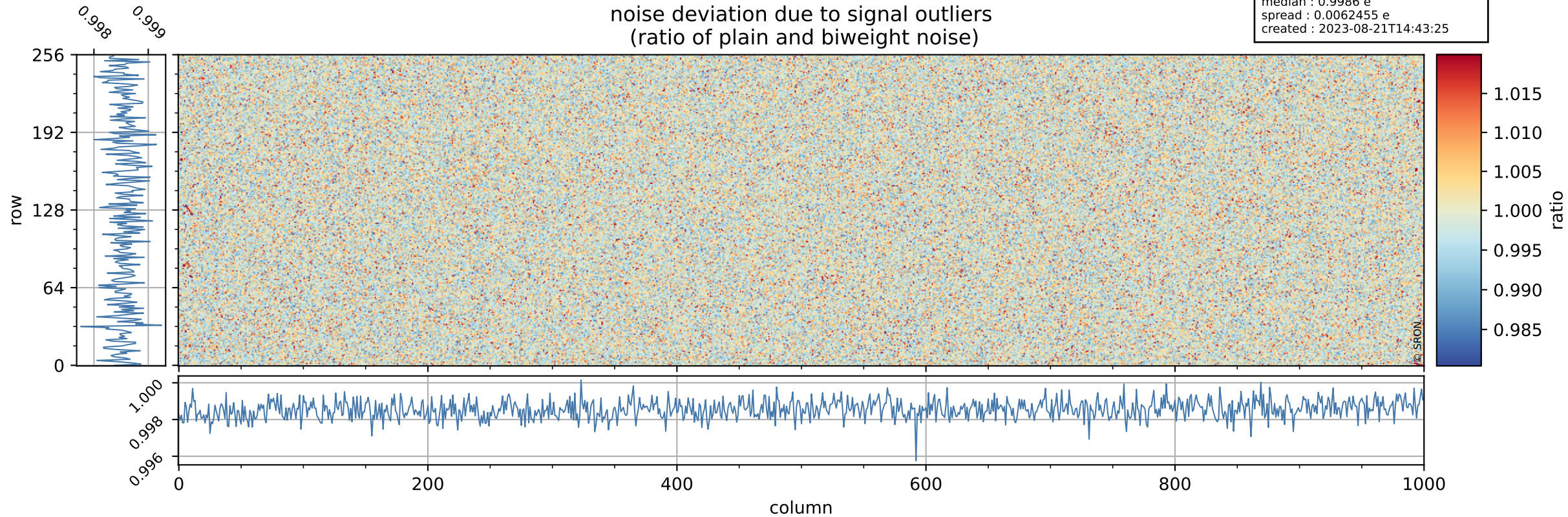
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

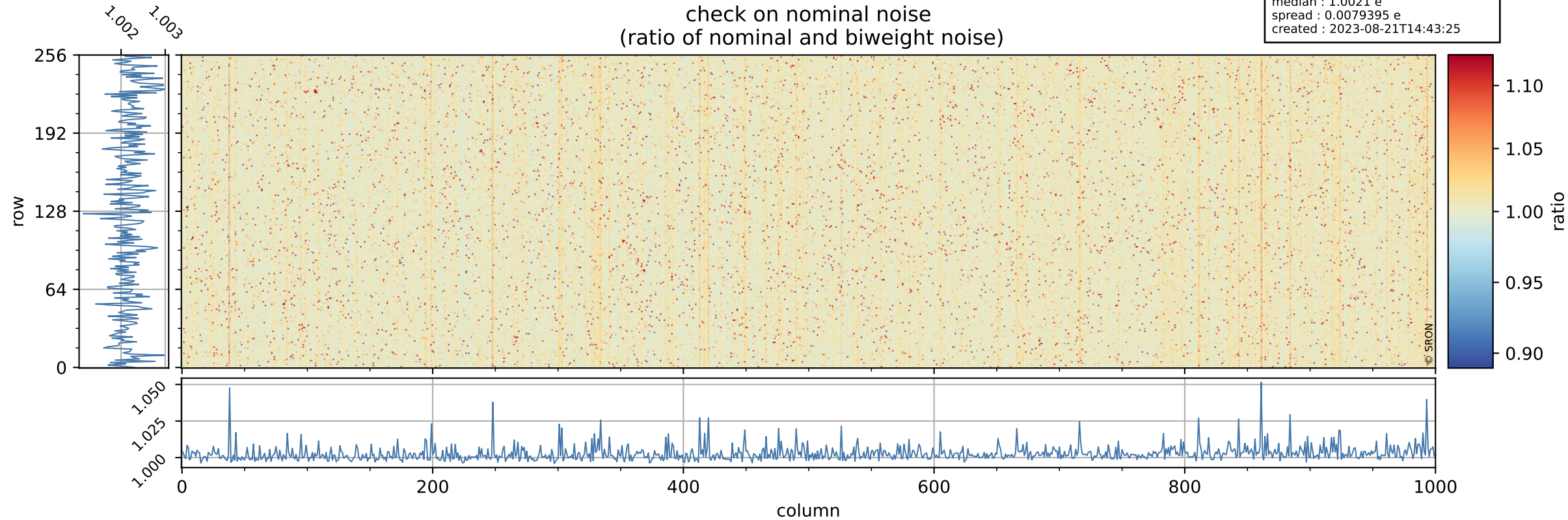
orbits : 12 in [6592, 6667]
coverage : 2019-01-20 / 2019-01-25
median : 0.9986 e
spread : 0.0062455 e
created : 2023-08-21T14:43:25



Tropomi SWIR background noise (swir)

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

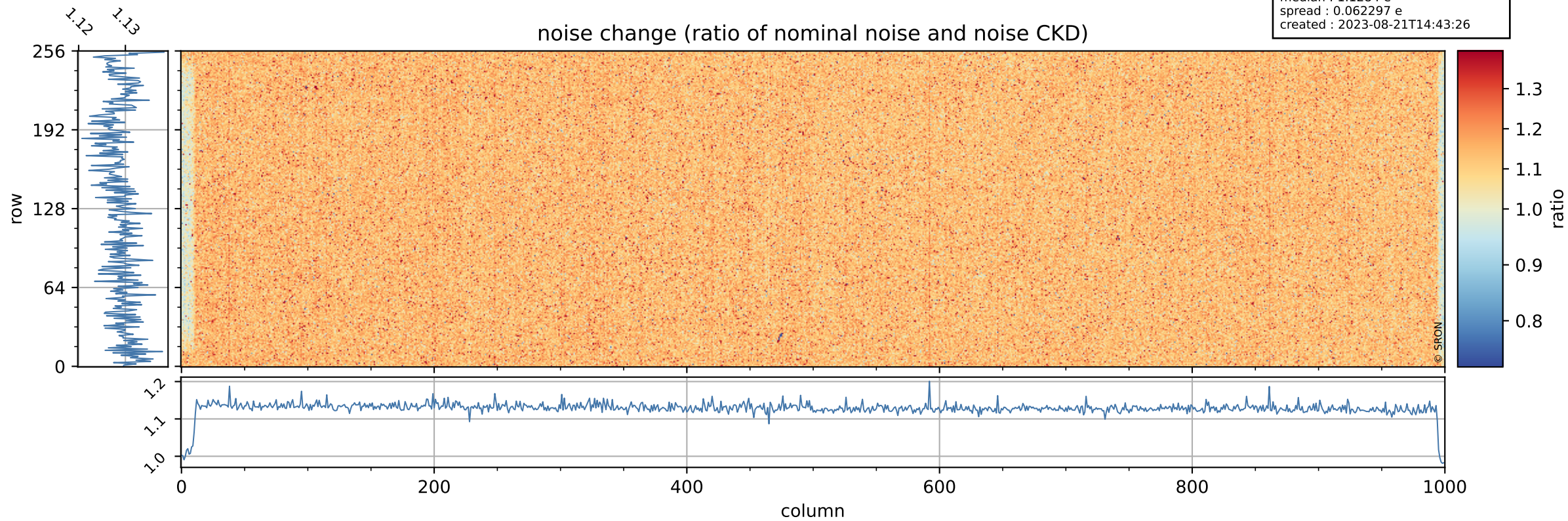
orbits : 12 in [6592, 6667]
coverage : 2019-01-20 / 2019-01-25
median : 1.0021 e
spread : 0.0079395 e
created : 2023-08-21T14:43:25



Tropomi SWIR background noise (swir)

orbits : 12 in [6592, 6667]
coverage : 2019-01-20 / 2019-01-25
median : 1.1284 e
spread : 0.062297 e
created : 2023-08-21T14:43:26

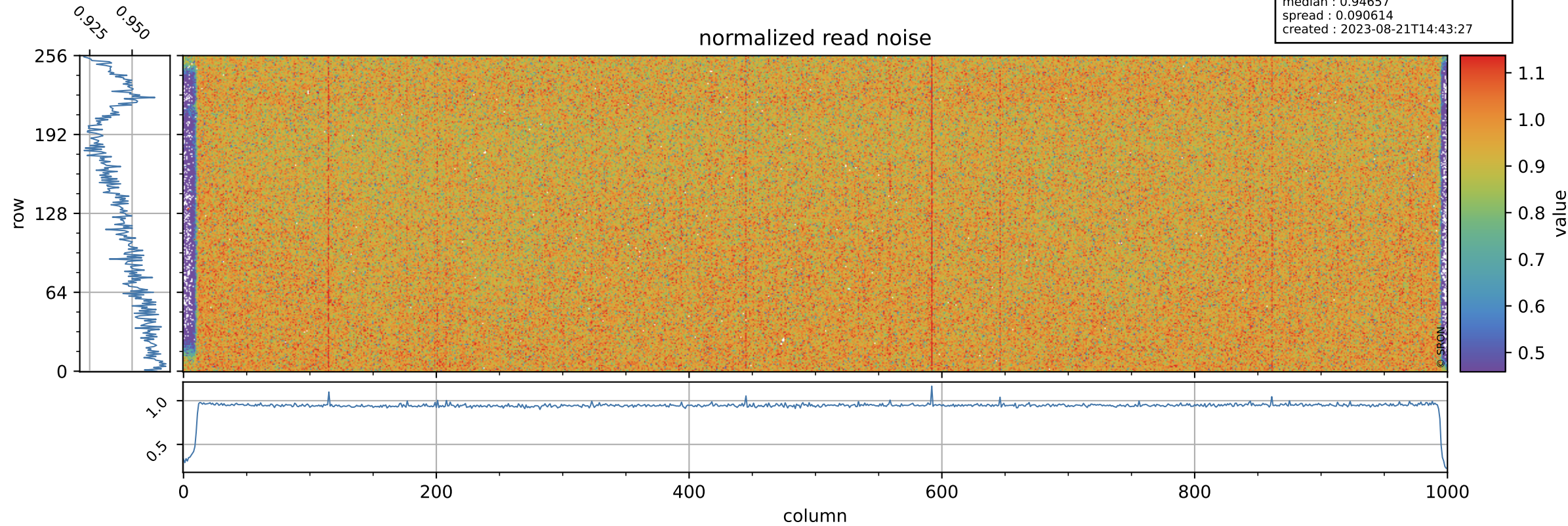
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

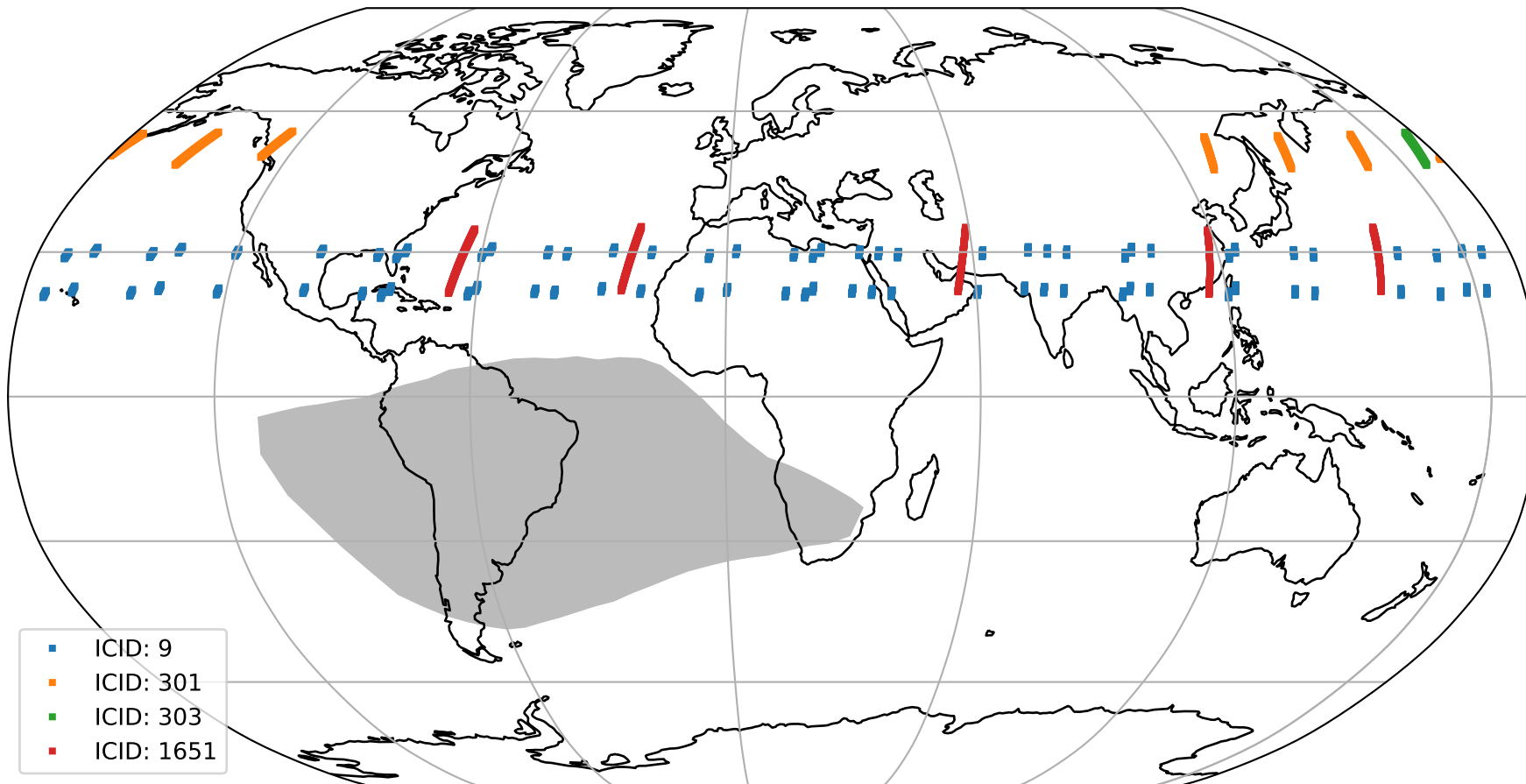
orbits : 12 in [6592, 6667]
coverage : 2019-01-20 / 2019-01-25
median : 0.94657
spread : 0.090614
created : 2023-08-21T14:43:27

normalized read noise



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

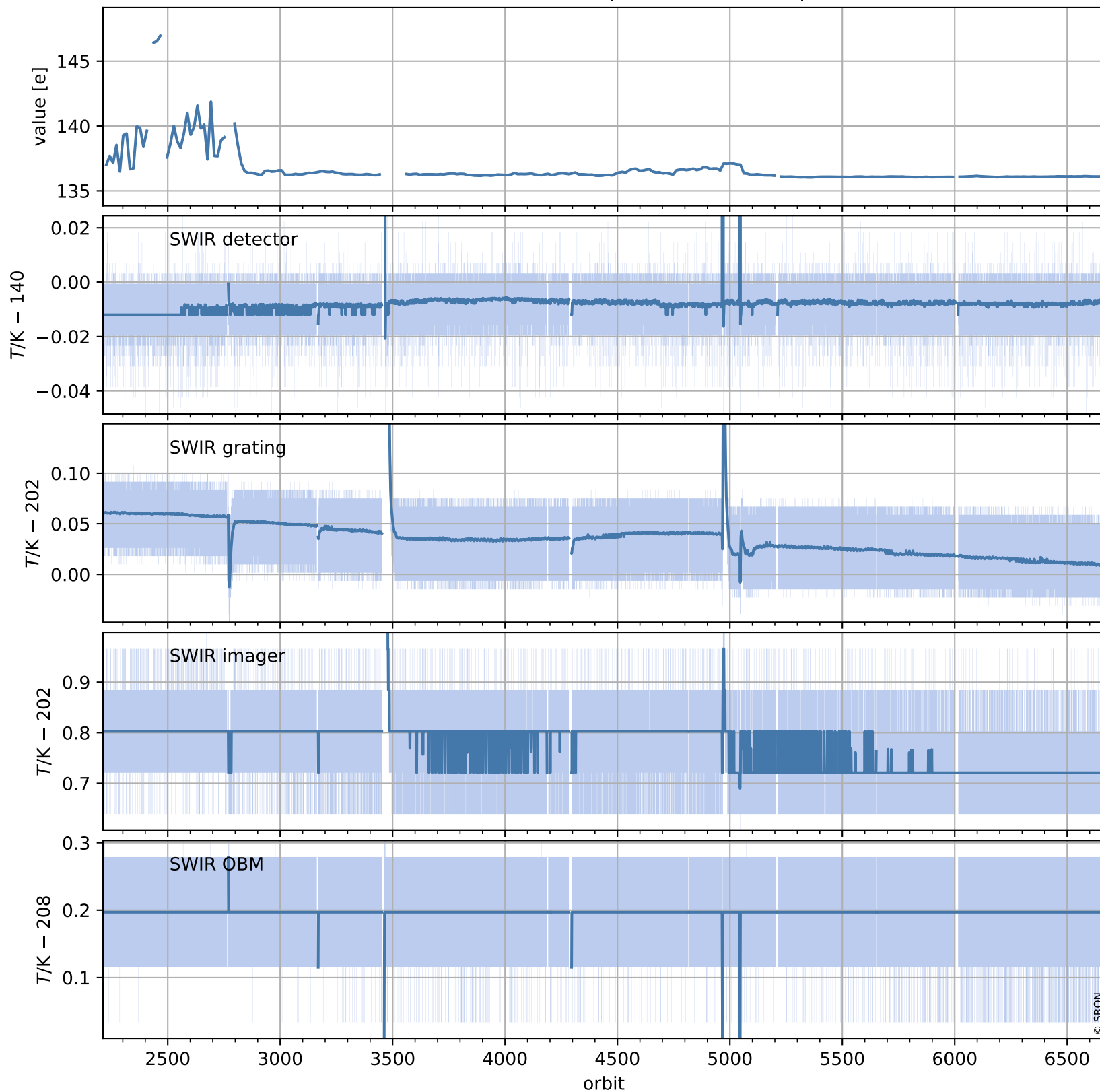
orbits : 12 in [6592, 6667]
coverage : 2019-01-20 / 2019-01-25
created : 2023-08-21T14:43:27



Tropomi SWIR background noise (swir)

orbits : [2212, 6667]
coverage : 2018-03-18 / 2019-01-25
created : 2023-08-21T14:43:27

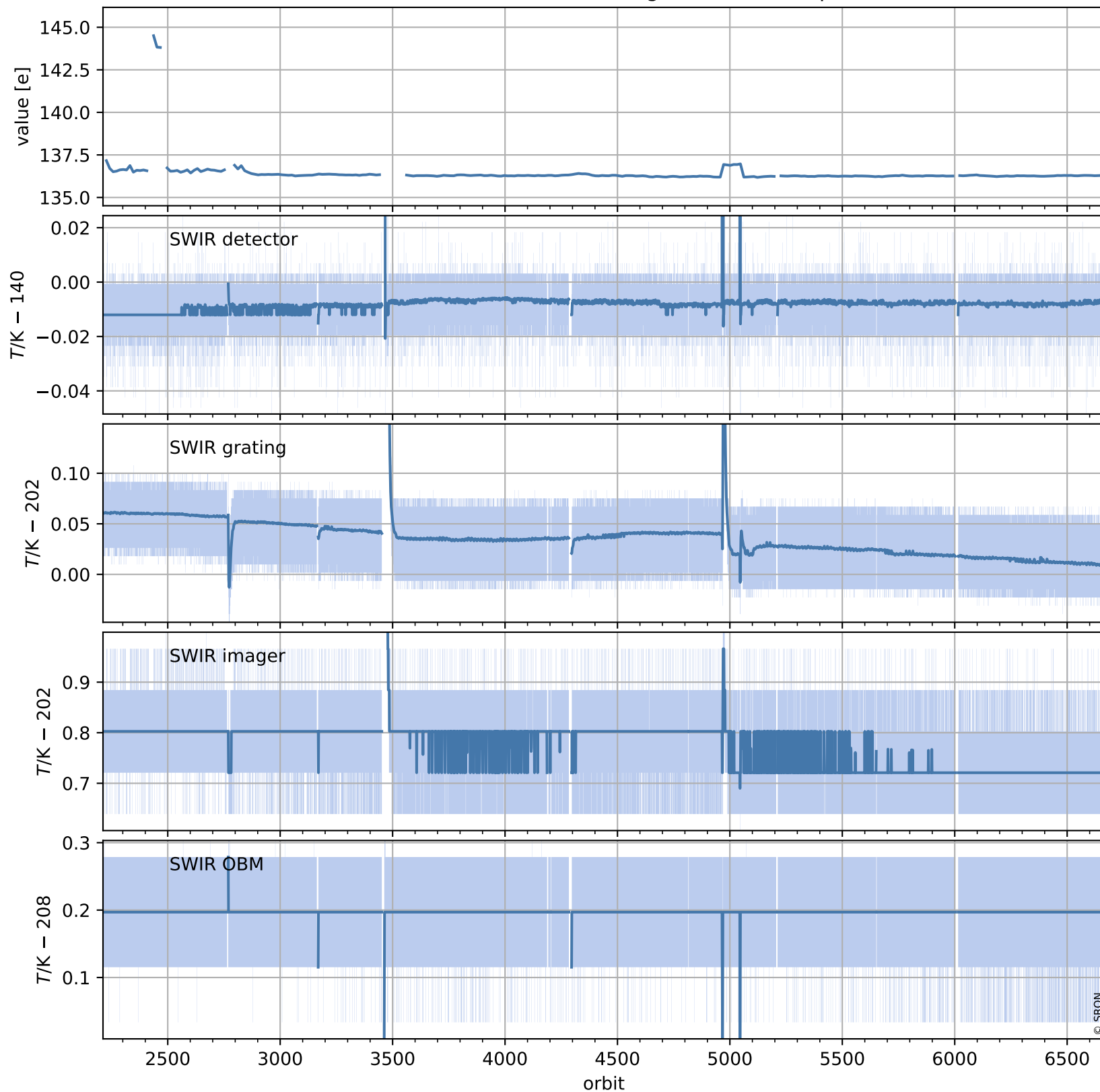
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6667]
coverage : 2018-03-18 / 2019-01-25
created : 2023-08-21T14:43:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6667]
coverage : 2018-03-18 / 2019-01-25
created : 2023-08-21T14:43:29

trend of normalized read-noise & temperatures

