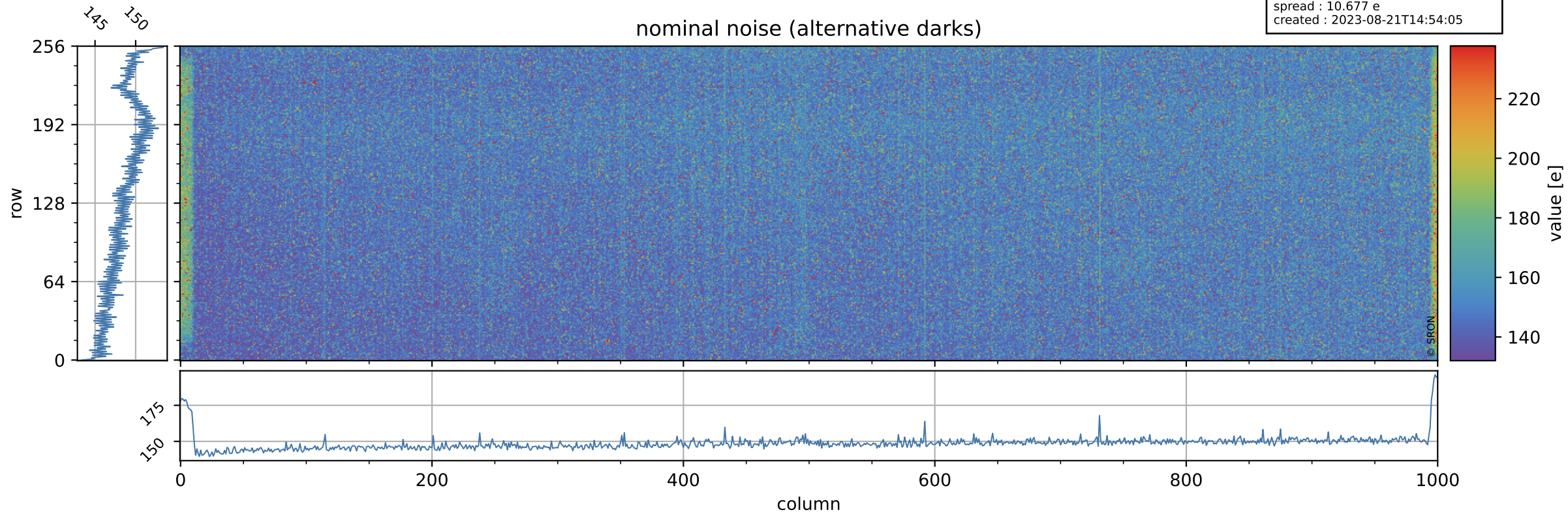


Tropomi SWIR background noise (swir)

orbits : 12 in [8047, 8137]
coverage : 2019-05-04 / 2019-05-09
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.677 e
created : 2023-08-21T14:54:05

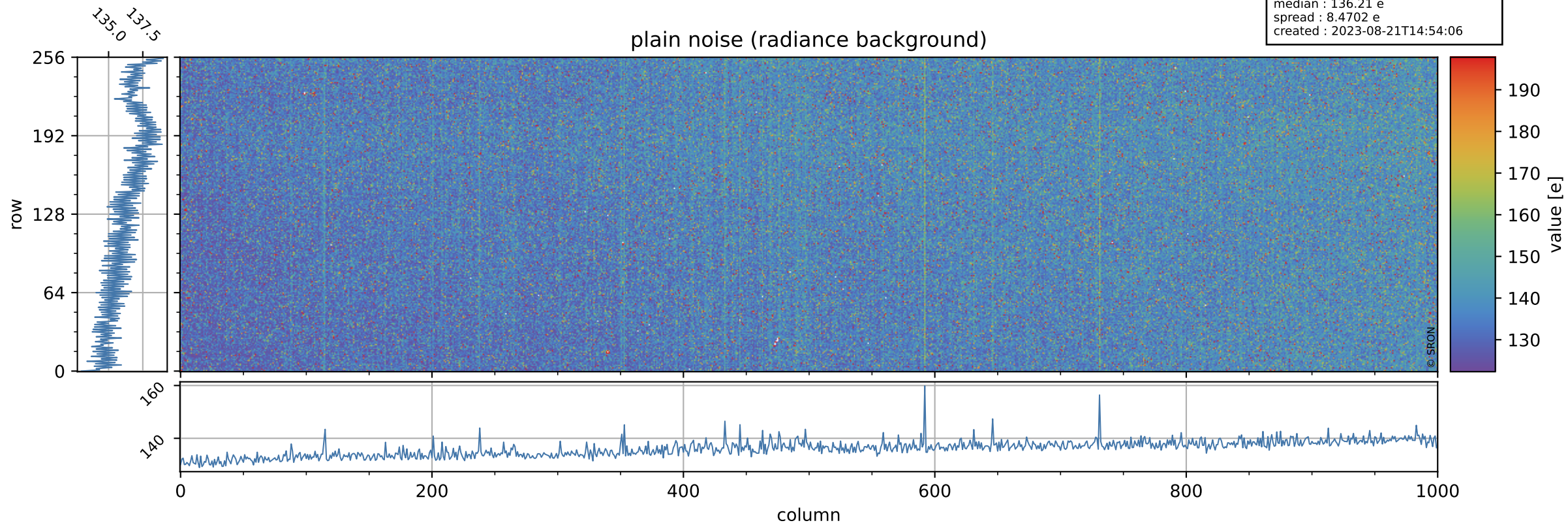
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8047, 8137]
coverage : 2019-05-04 / 2019-05-09
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.4702 e
created : 2023-08-21T14:54:06

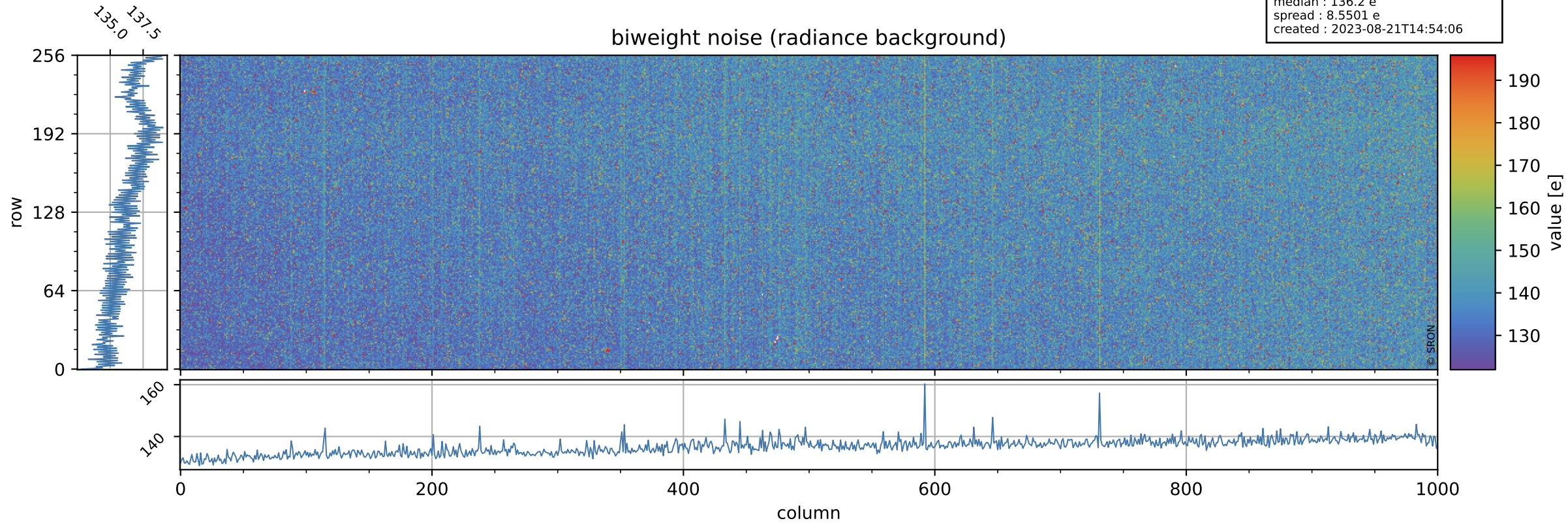
plain noise (radiance background)



Tropomi SWIR background noise (swir)

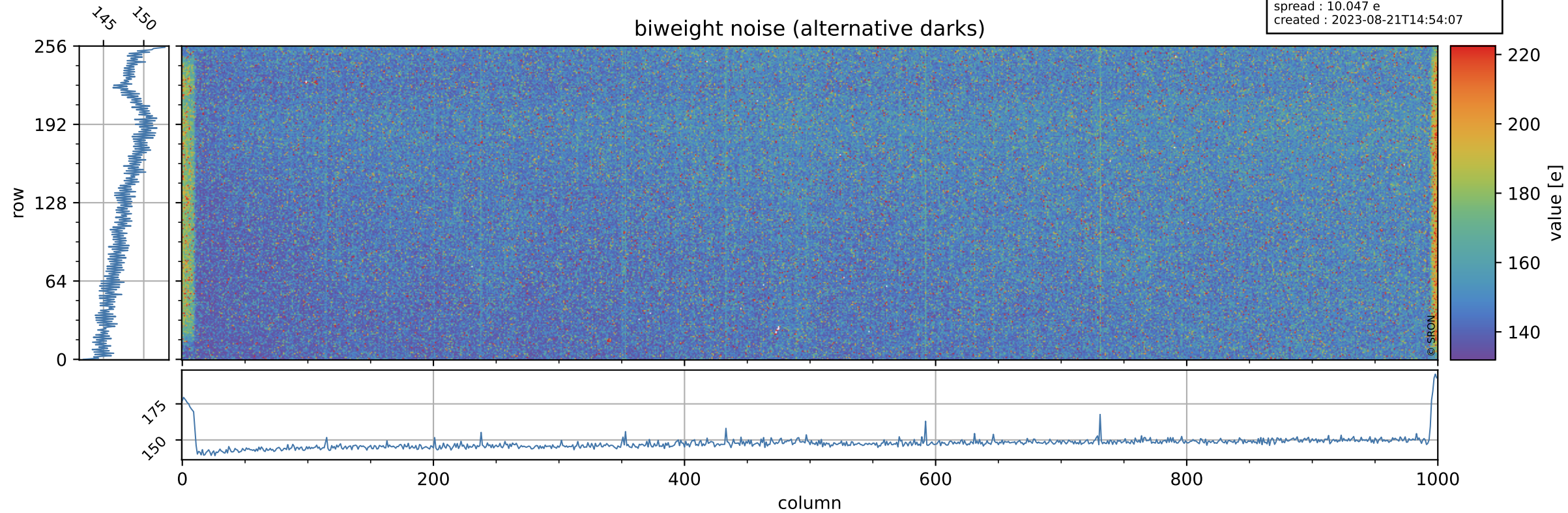
orbits : 12 in [8047, 8137]
coverage : 2019-05-04 / 2019-05-09
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.5501 e
created : 2023-08-21T14:54:06

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

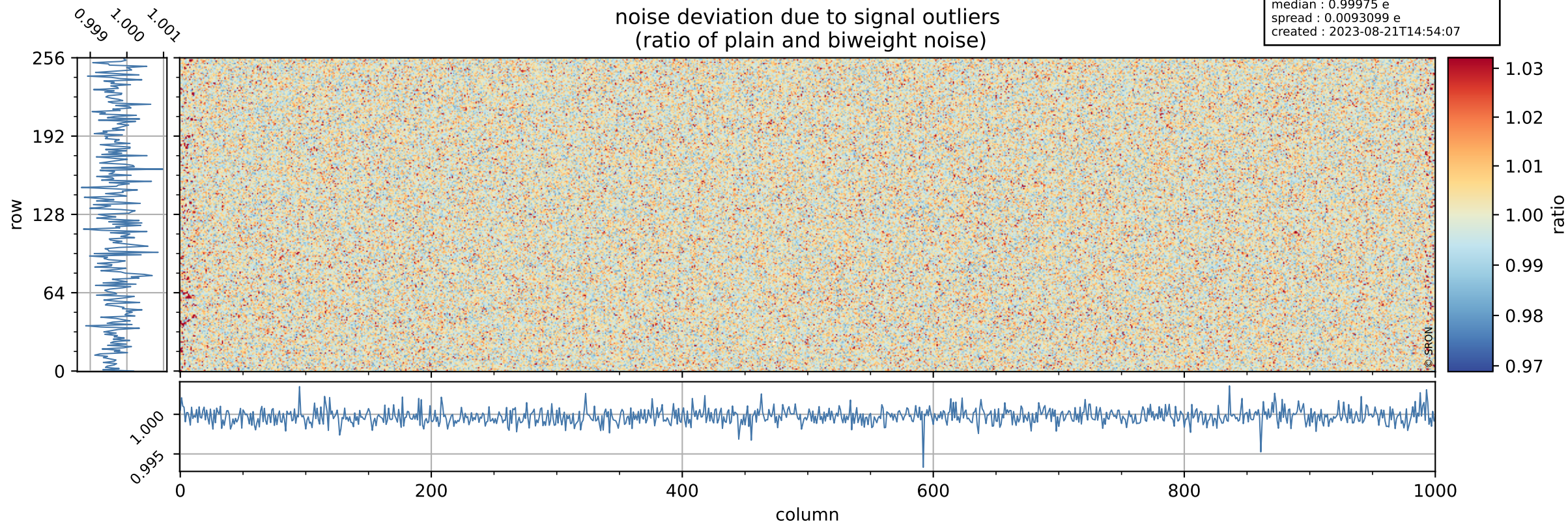
orbits : 12 in [8047, 8137]
coverage : 2019-05-04 / 2019-05-09
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 10.047 e
created : 2023-08-21T14:54:07



Tropomi SWIR background noise (swir)

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

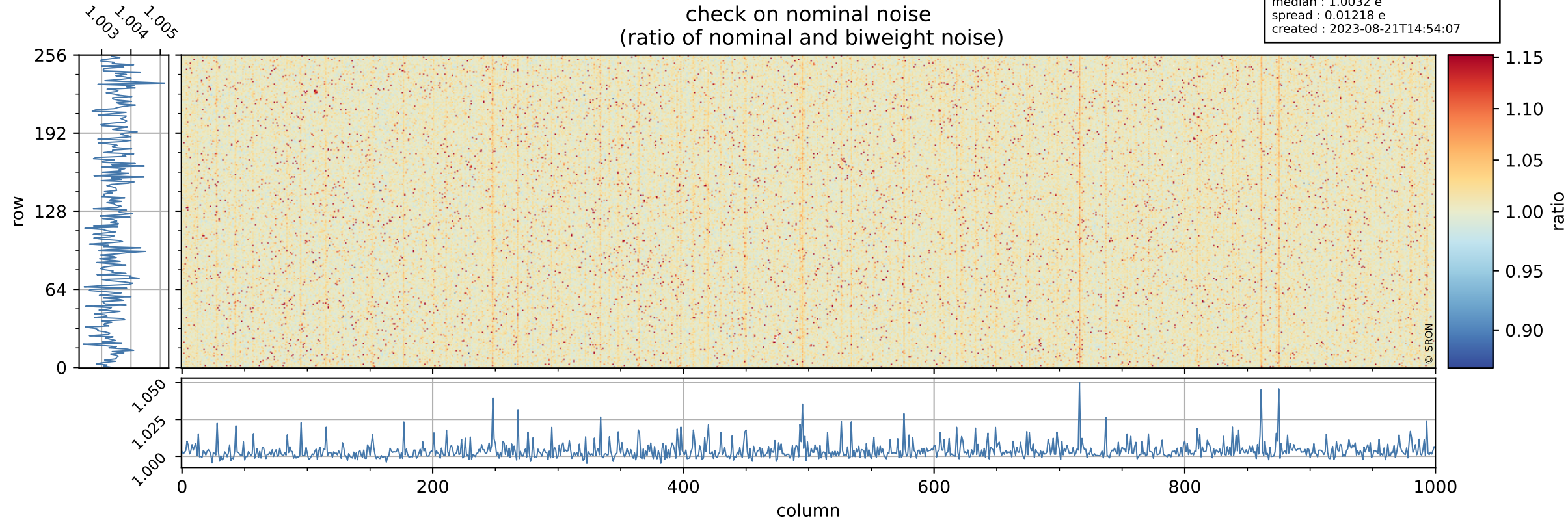
orbits : 12 in [8047, 8137]
coverage : 2019-05-04 / 2019-05-09
median : 0.99975 e
spread : 0.0093099 e
created : 2023-08-21T14:54:07



Tropomi SWIR background noise (swir)

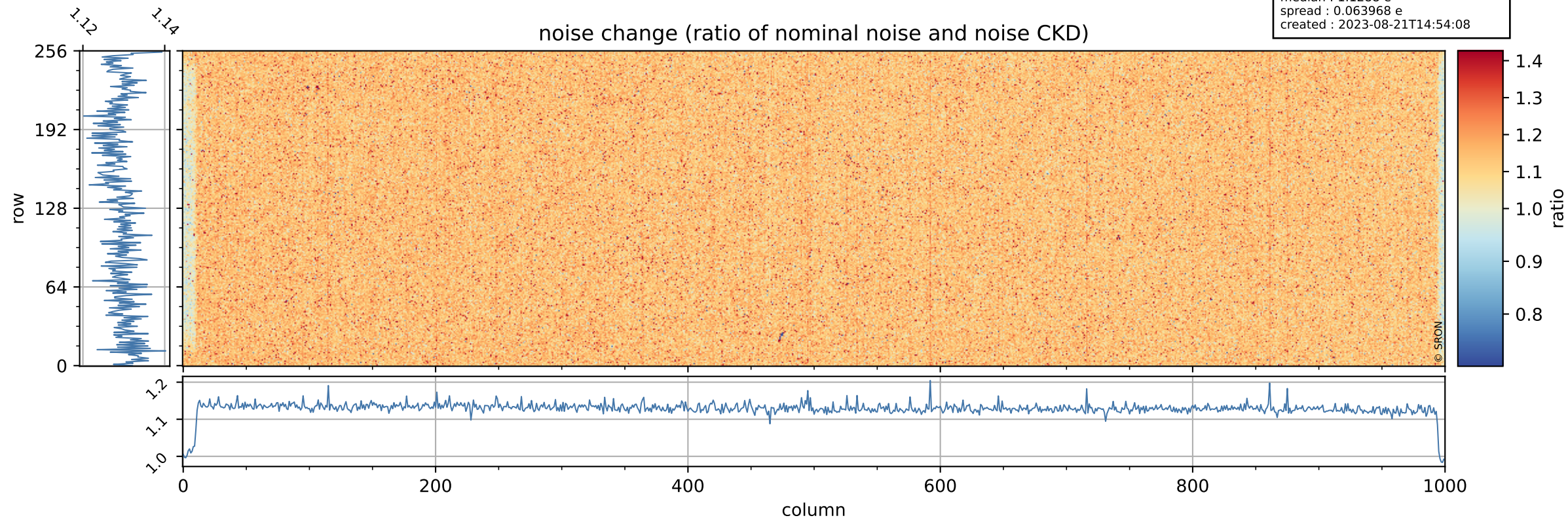
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8047, 8137]
coverage : 2019-05-04 / 2019-05-09
median : 1.0032 e
spread : 0.01218 e
created : 2023-08-21T14:54:07



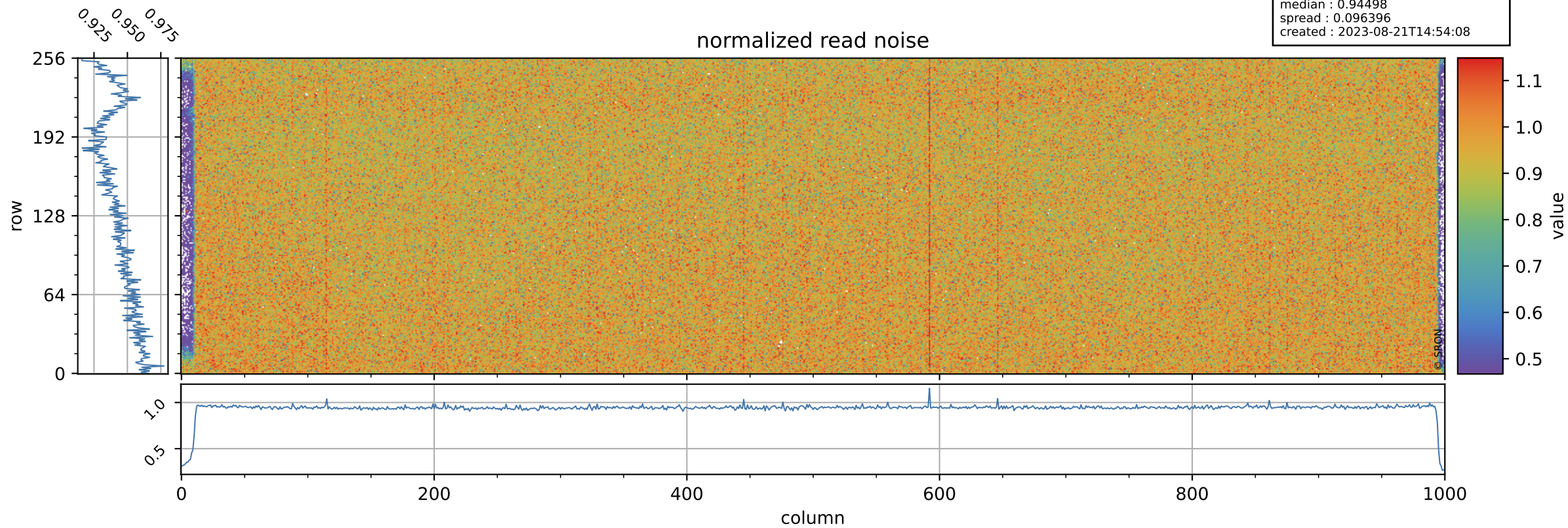
Tropomi SWIR background noise (swir)

orbits : 12 in [8047, 8137]
coverage : 2019-05-04 / 2019-05-09
median : 1.1288 e
spread : 0.063968 e
created : 2023-08-21T14:54:08



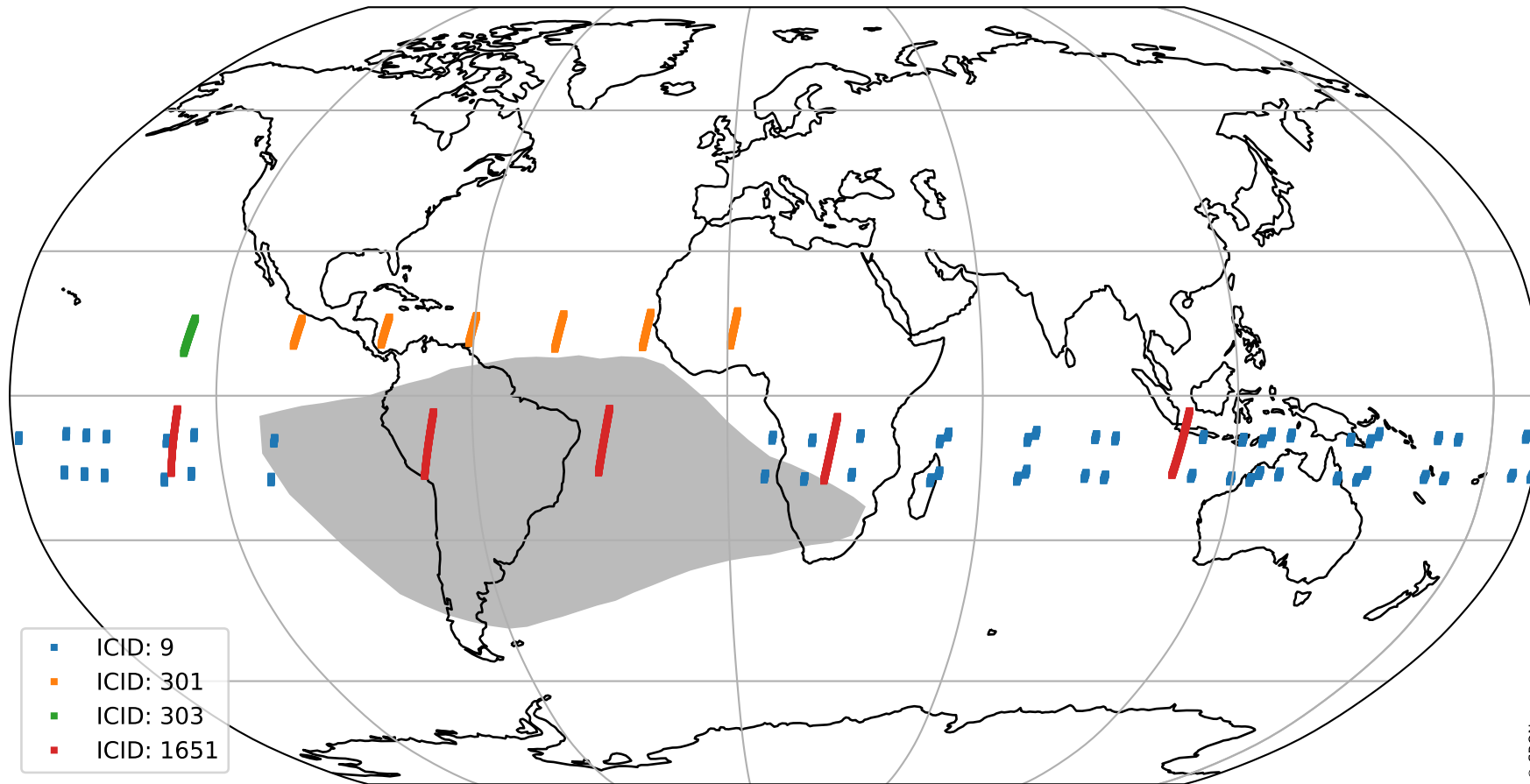
Tropomi SWIR background noise (swir)

orbits : 12 in [8047, 8137]
coverage : 2019-05-04 / 2019-05-09
median : 0.94498
spread : 0.096396
created : 2023-08-21T14:54:08



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

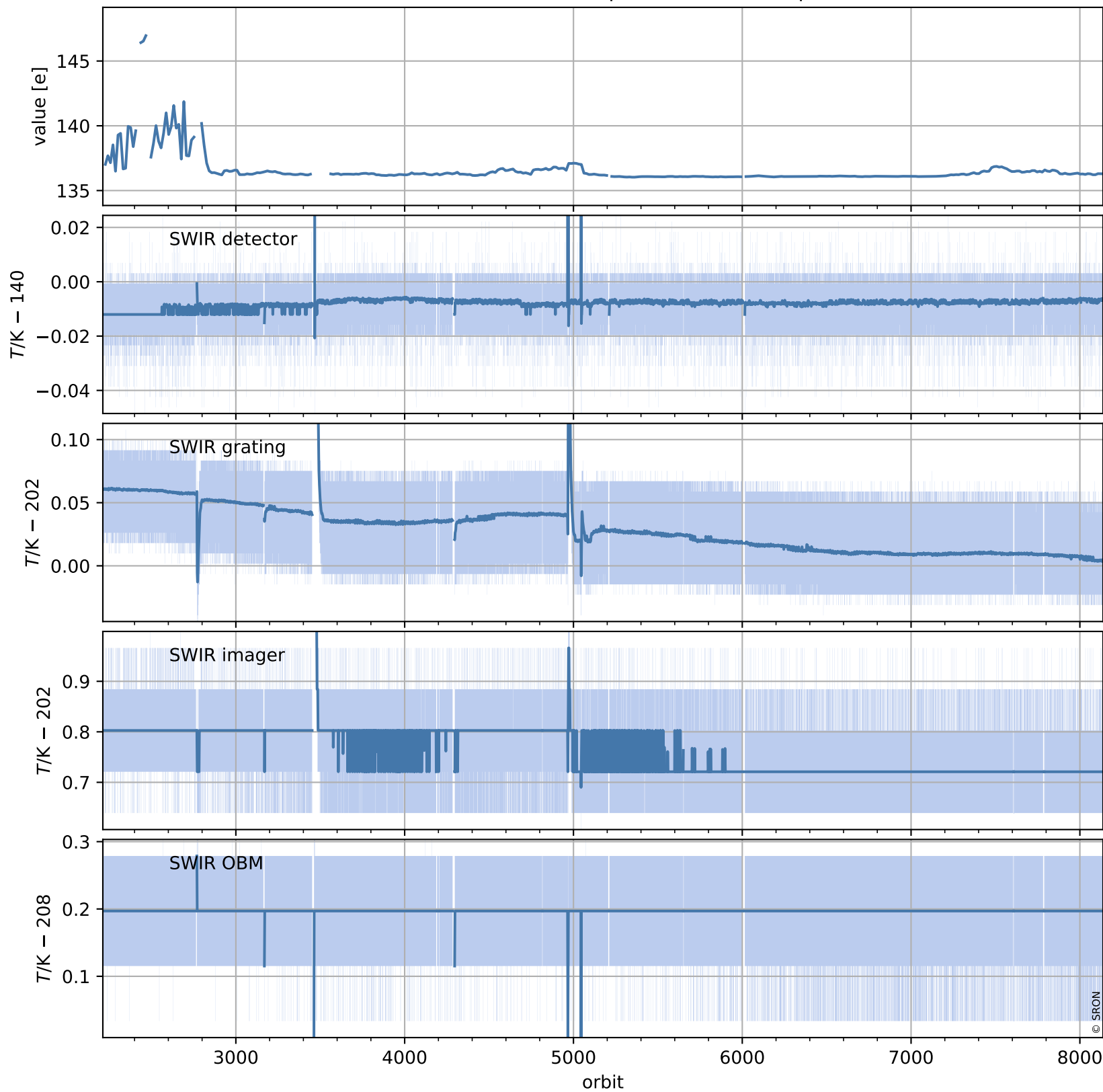
orbits : 12 in [8047, 8137]
coverage : 2019-05-04 / 2019-05-09
created : 2023-08-21T14:54:09



Tropomi SWIR background noise (swir)

orbits : [2212, 8137]
coverage : 2018-03-18 / 2019-05-09
created : 2023-08-21T14:54:09

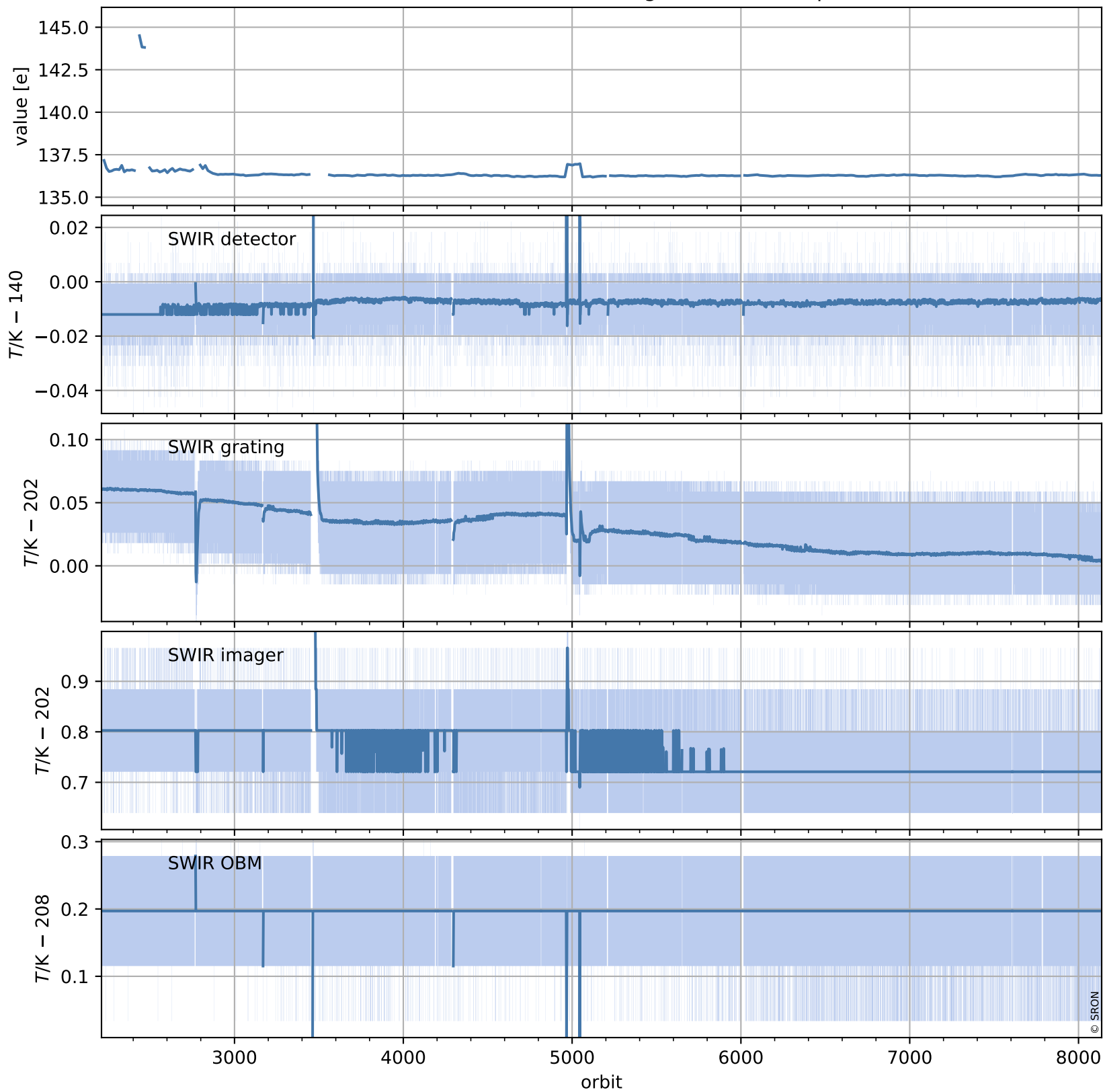
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8137]
coverage : 2018-03-18 / 2019-05-09
created : 2023-08-21T14:54:10

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8137]
coverage : 2018-03-18 / 2019-05-09
created : 2023-08-21T14:54:11

trend of normalized read-noise & temperatures

