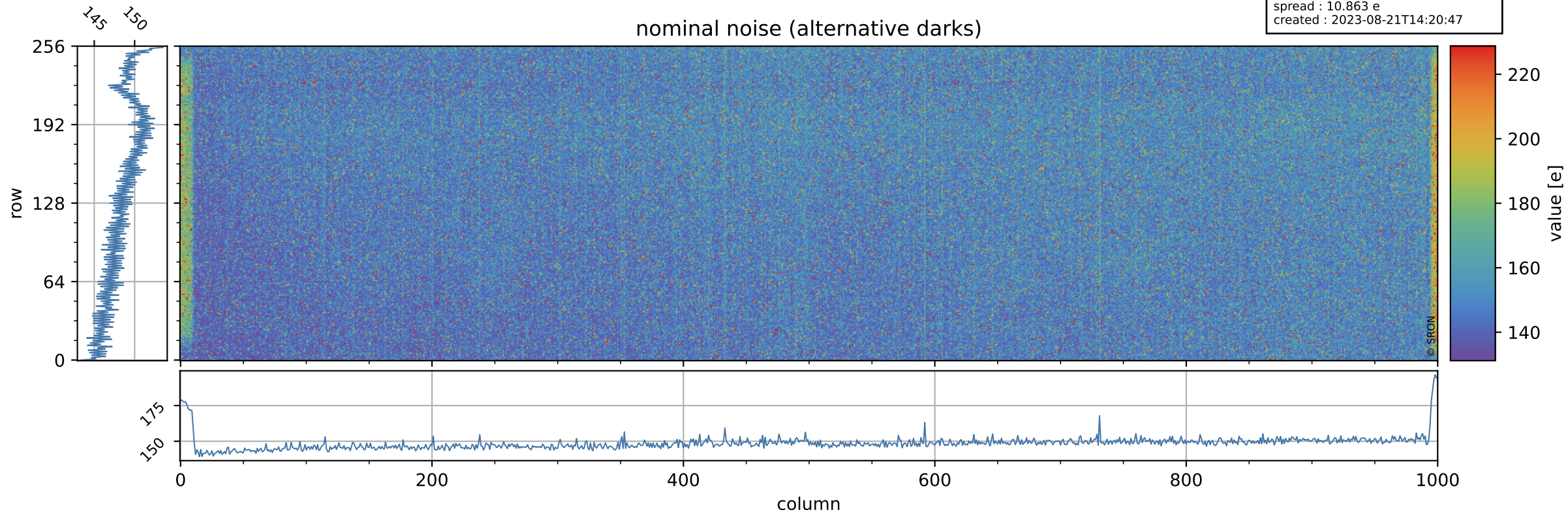


Tropomi SWIR background noise (swir)

orbits : 10 in [3097, 3187]
coverage : 2018-05-20 / 2018-05-26
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.863 e
created : 2023-08-21T14:20:47

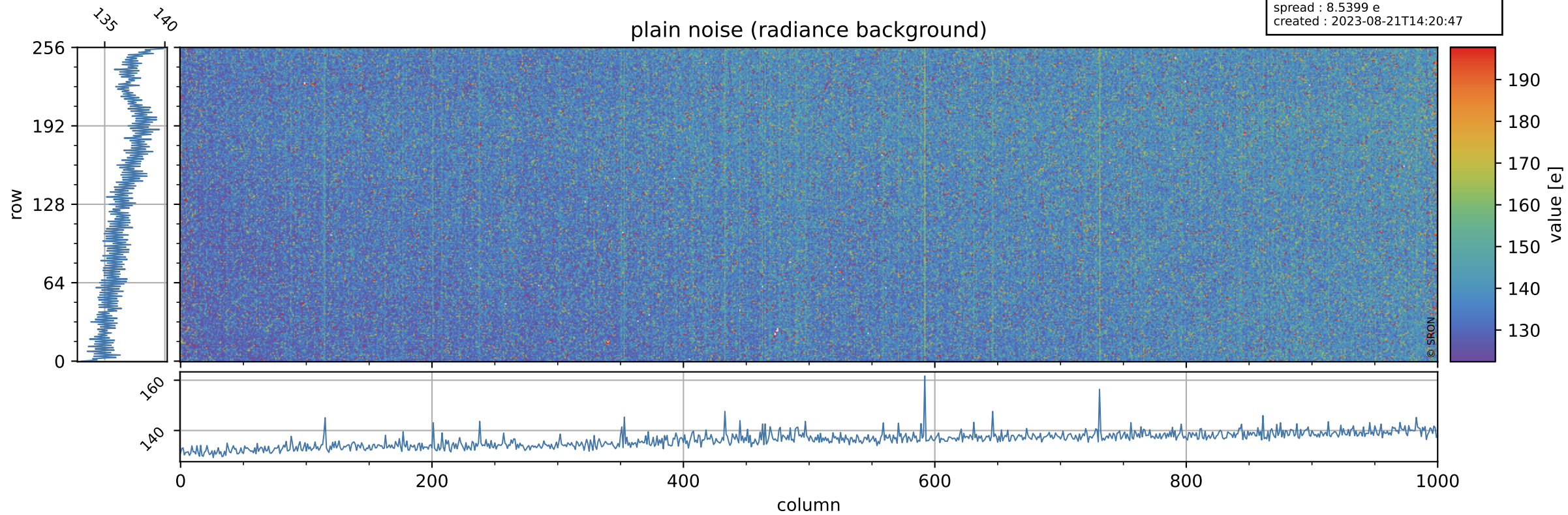
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 10 in [3097, 3187]
coverage : 2018-05-20 / 2018-05-26
n_coad, t_exp : 2, 0.5383
median : 136.46 e
spread : 8.5399 e
created : 2023-08-21T14:20:47

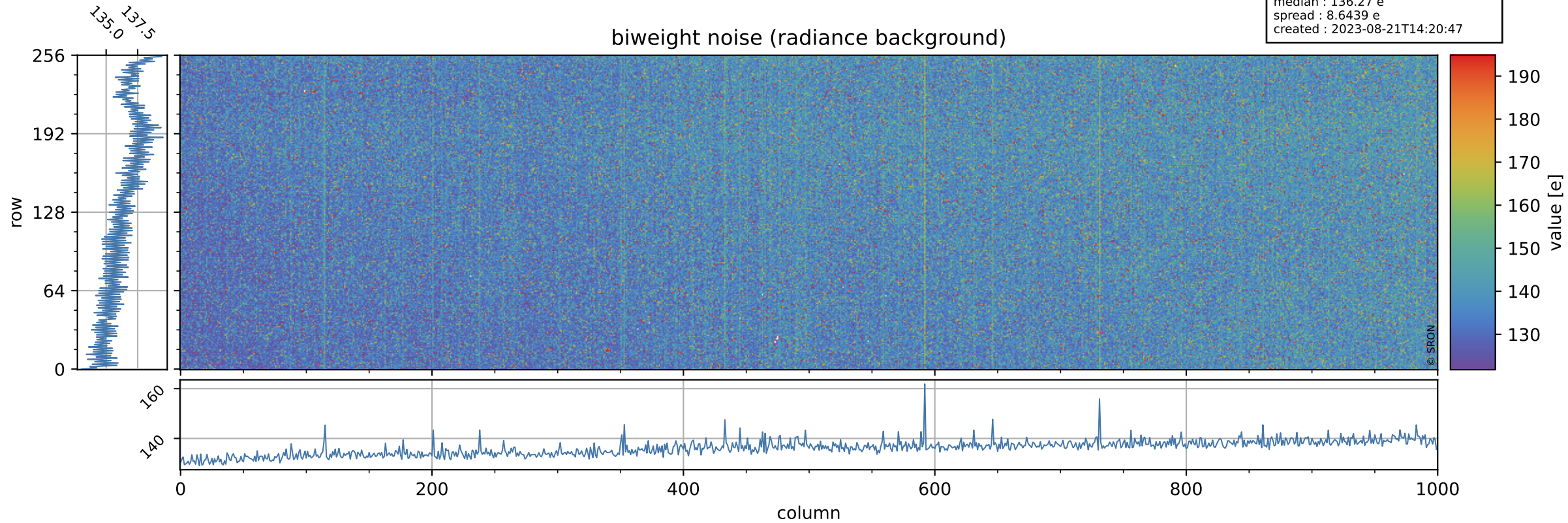
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [3097, 3187]
coverage : 2018-05-20 / 2018-05-26
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.6439 e
created : 2023-08-21T14:20:47

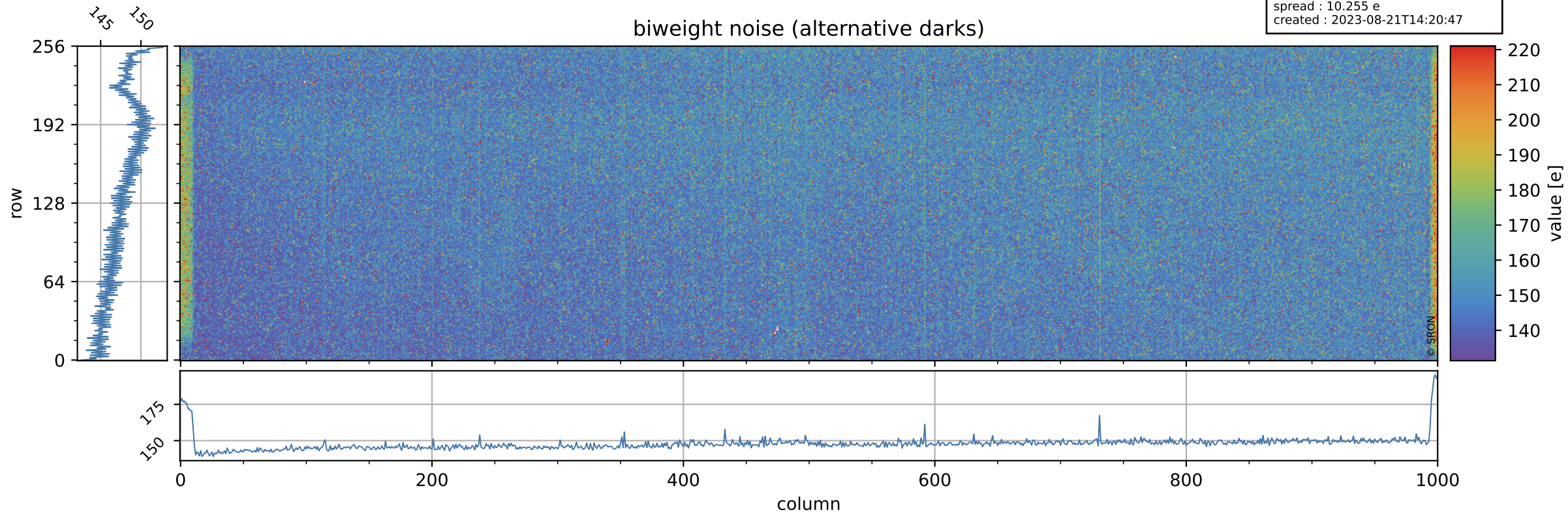
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [3097, 3187]
coverage : 2018-05-20 / 2018-05-26
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 10.255 e
created : 2023-08-21T14:20:47

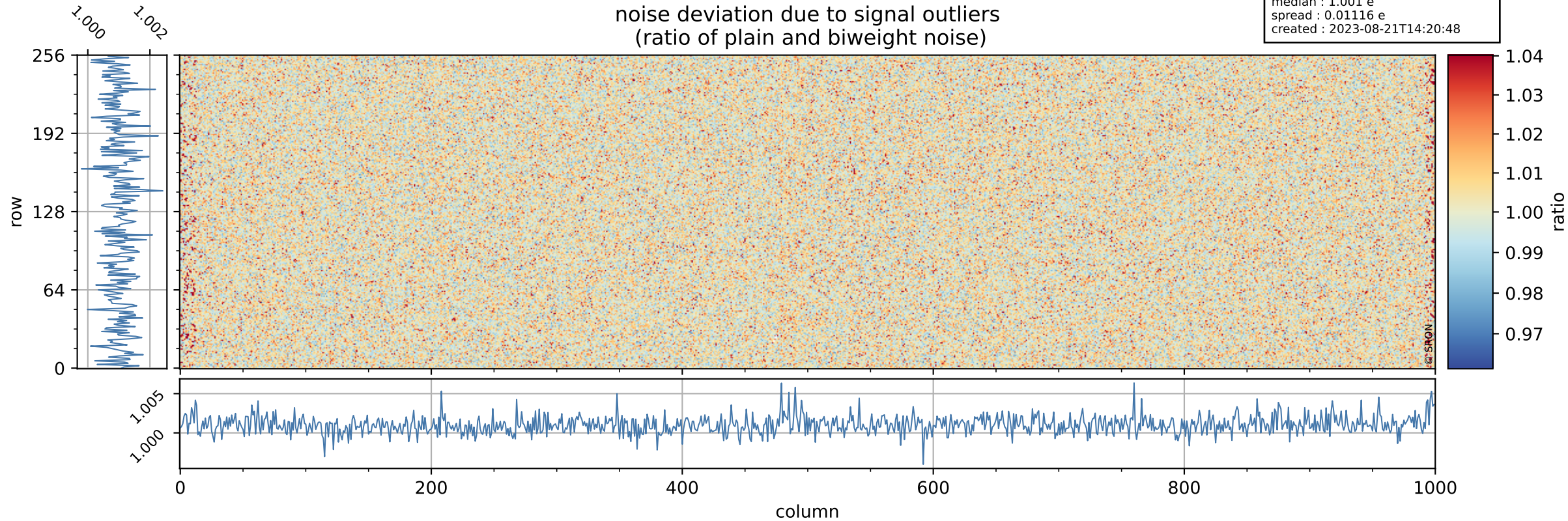
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

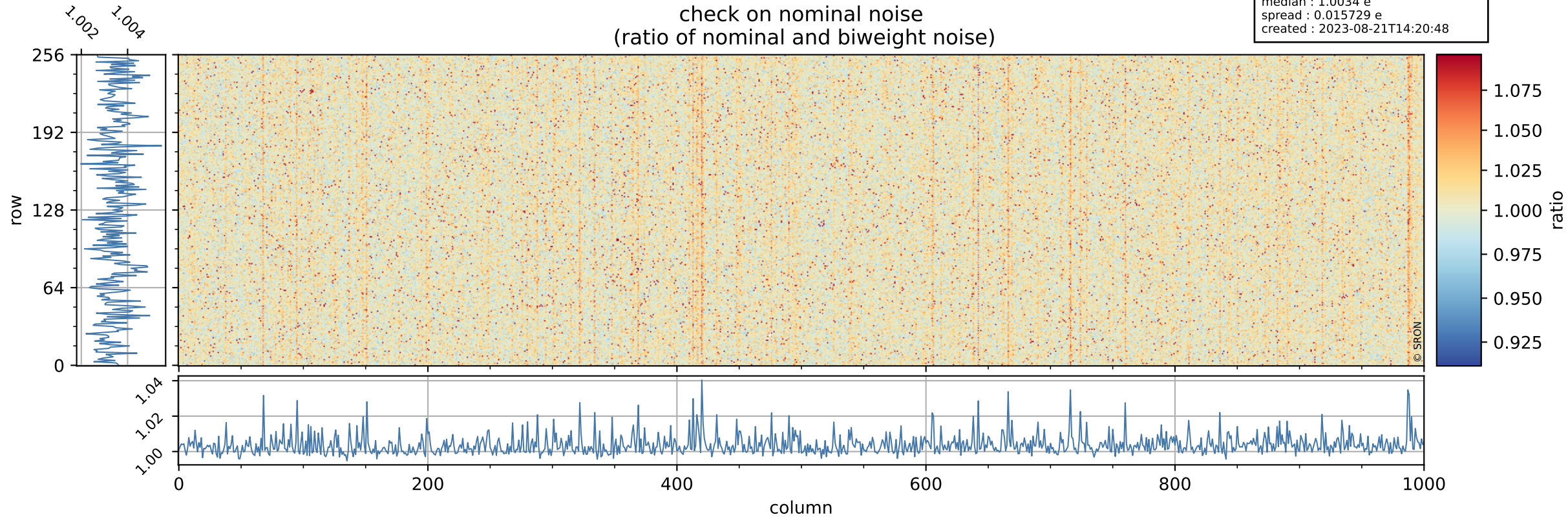
orbits : 10 in [3097, 3187]
coverage : 2018-05-20 / 2018-05-26
median : 1.001 e
spread : 0.01116 e
created : 2023-08-21T14:20:48



Tropomi SWIR background noise (swir)

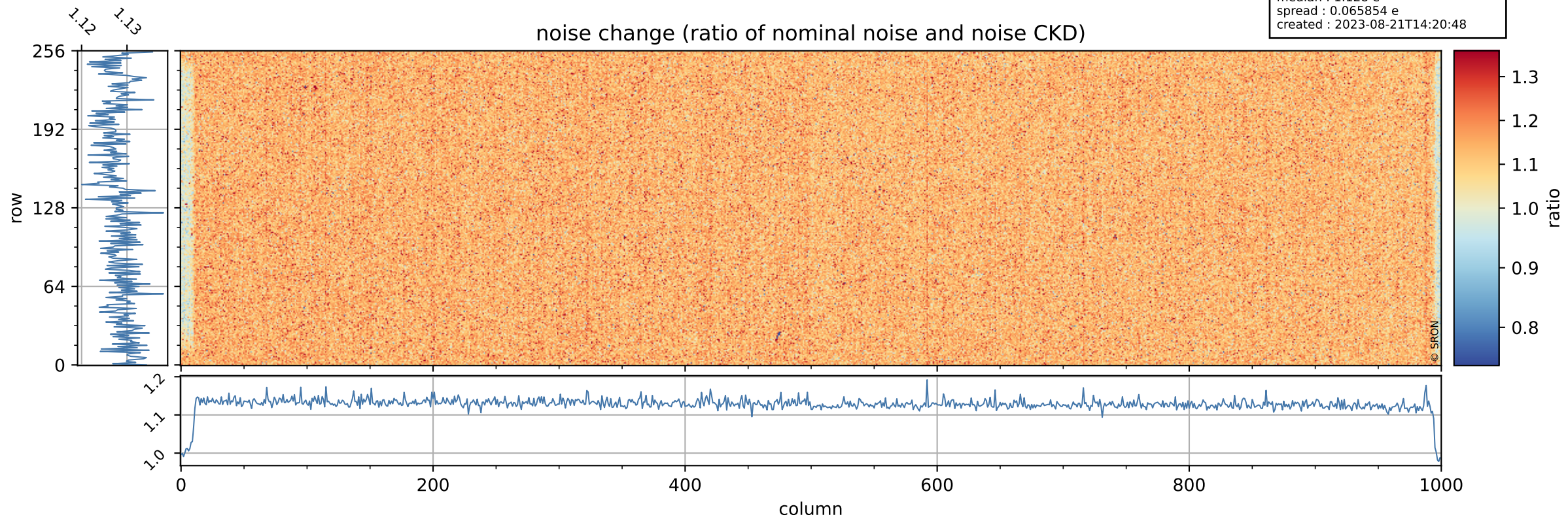
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 10 in [3097, 3187]
coverage : 2018-05-20 / 2018-05-26
median : 1.0034 e
spread : 0.015729 e
created : 2023-08-21T14:20:48



Tropomi SWIR background noise (swir)

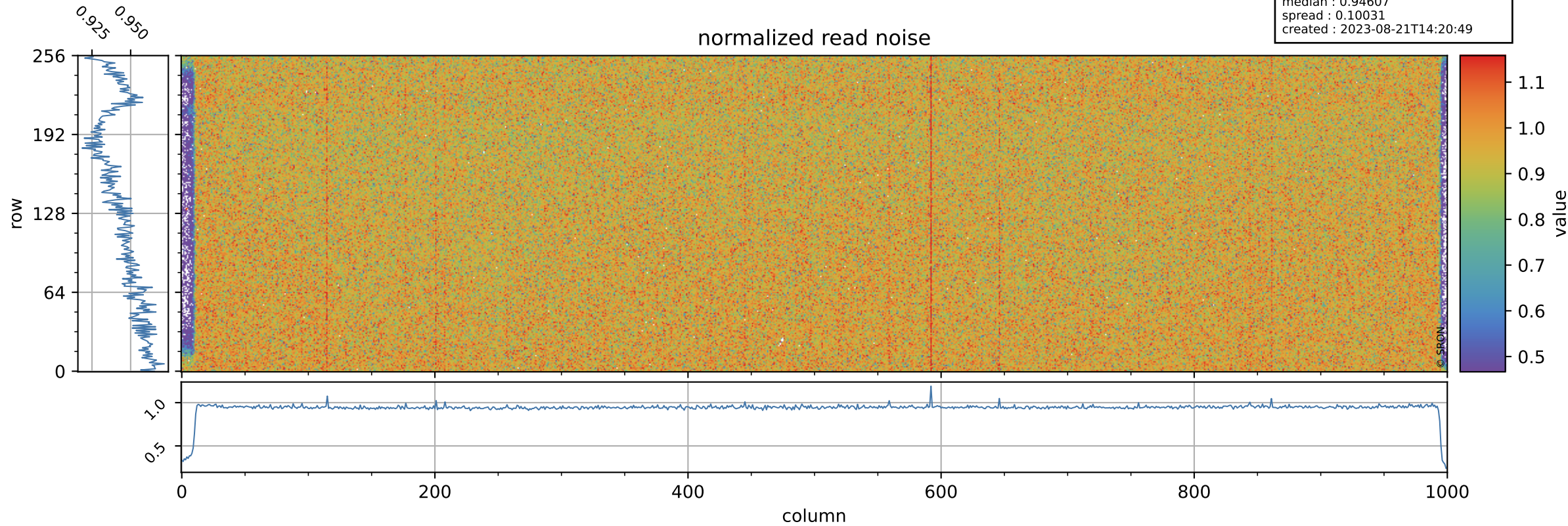
orbits : 10 in [3097, 3187]
coverage : 2018-05-20 / 2018-05-26
median : 1.128 e
spread : 0.065854 e
created : 2023-08-21T14:20:48



Tropomi SWIR background noise (swir)

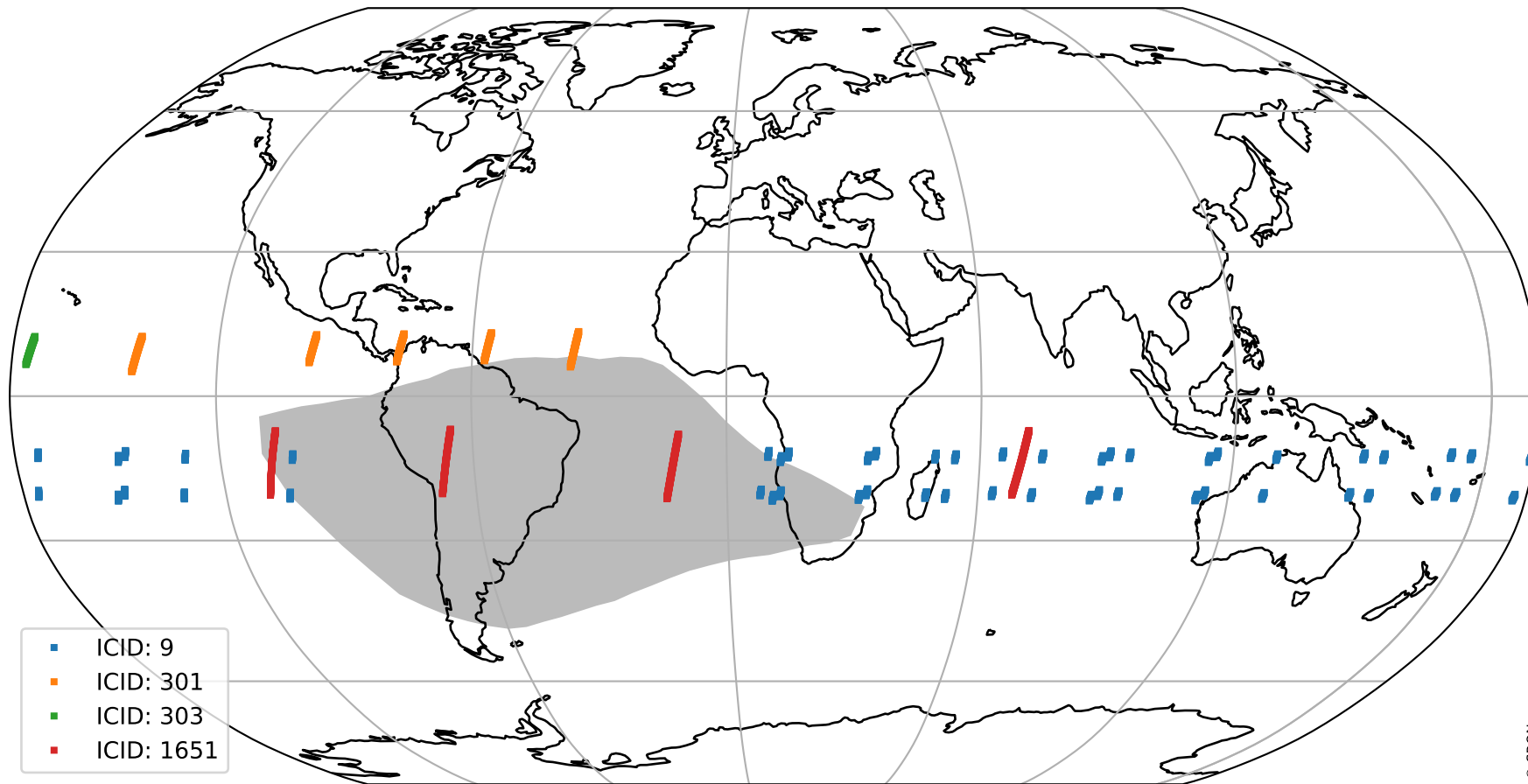
orbits : 10 in [3097, 3187]
coverage : 2018-05-20 / 2018-05-26
median : 0.94607
spread : 0.10031
created : 2023-08-21T14:20:49

normalized read noise



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

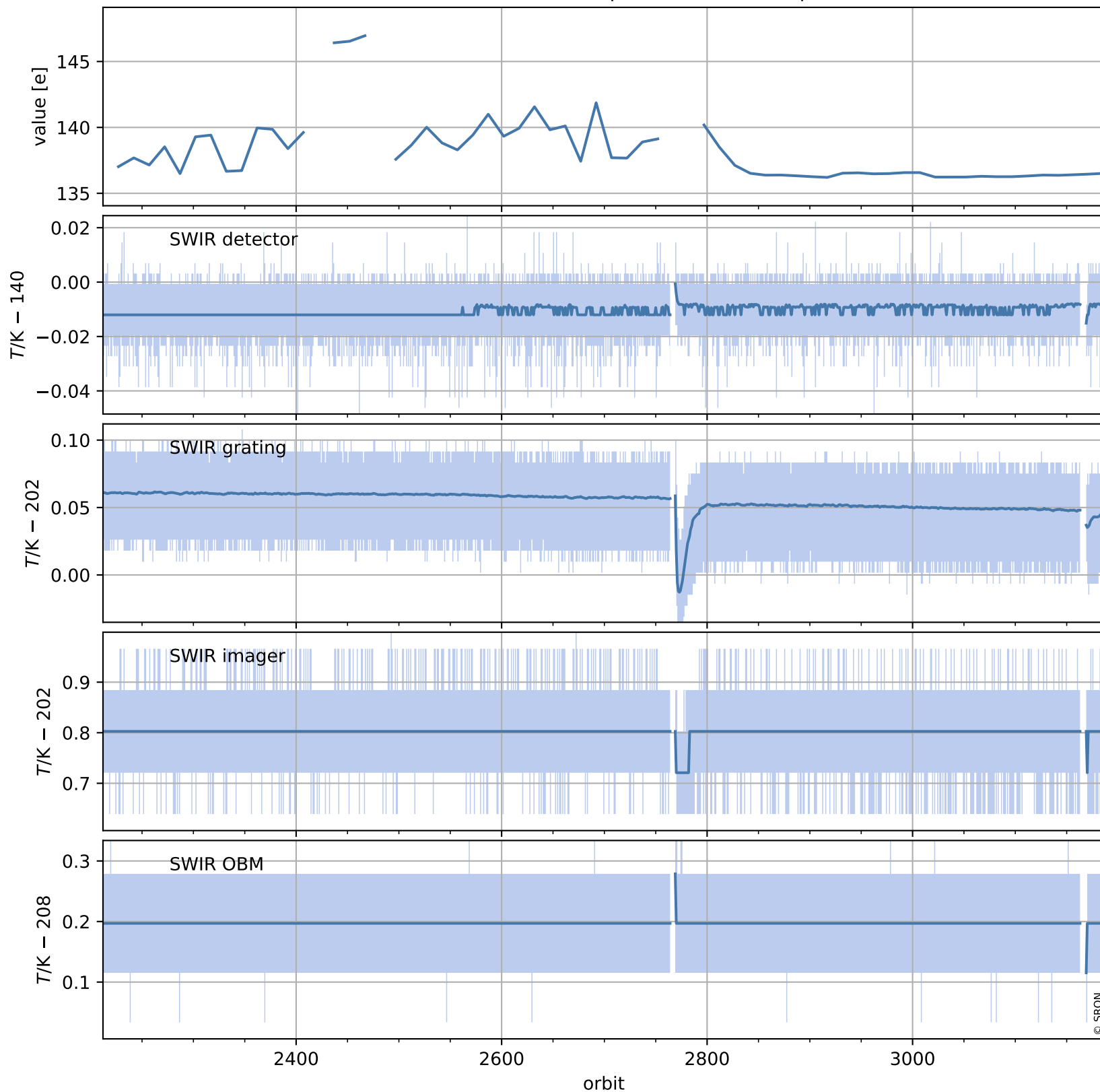
orbits : 10 in [3097, 3187]
coverage : 2018-05-20 / 2018-05-26
created : 2023-08-21T14:20:49



Tropomi SWIR background noise (swir)

orbits : [2212, 3187]
coverage : 2018-03-18 / 2018-05-26
created : 2023-08-21T14:20:49

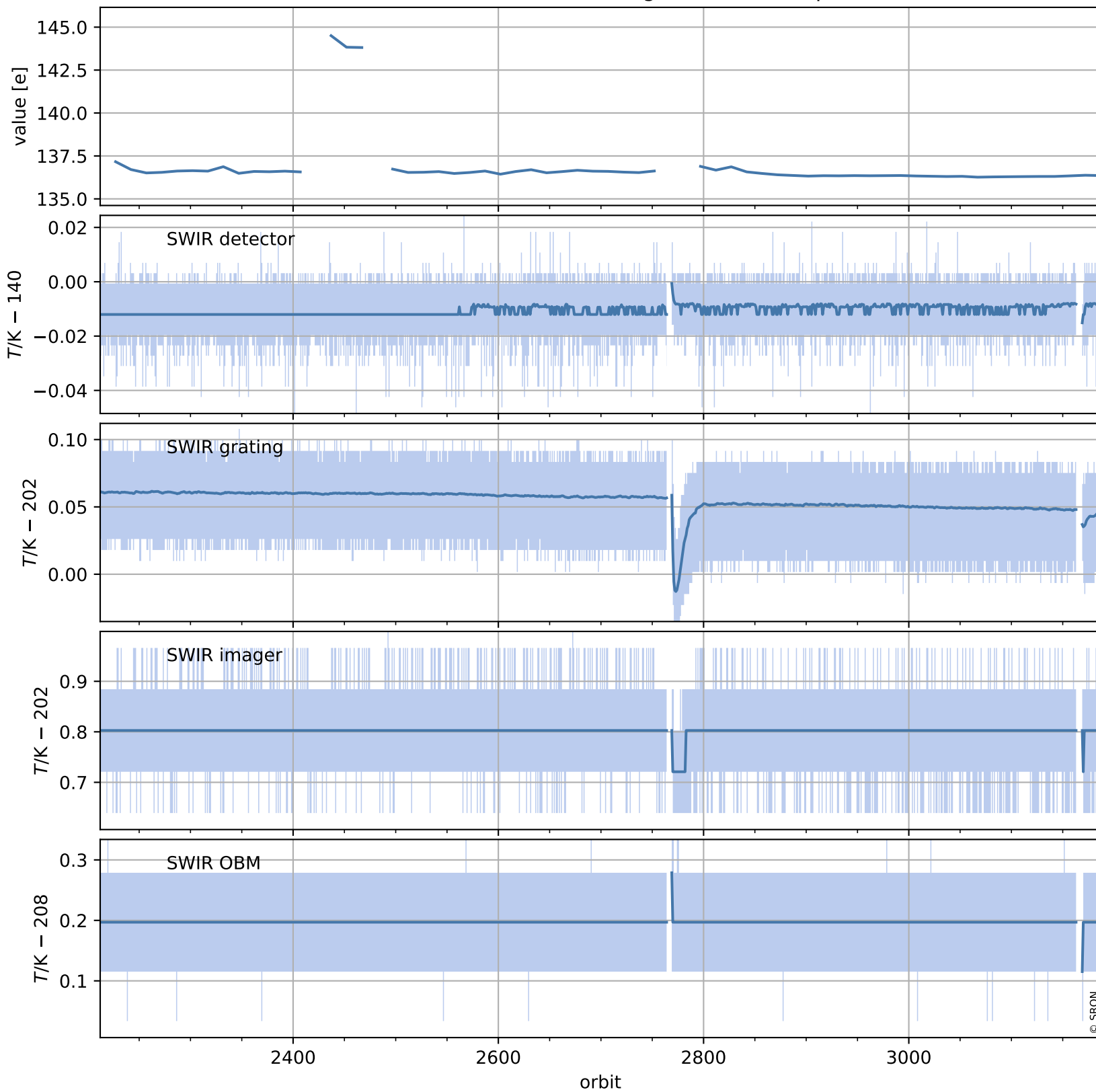
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3187]
coverage : 2018-03-18 / 2018-05-26
created : 2023-08-21T14:20:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3187]
coverage : 2018-03-18 / 2018-05-26
created : 2023-08-21T14:20:50

trend of normalized read-noise & temperatures

