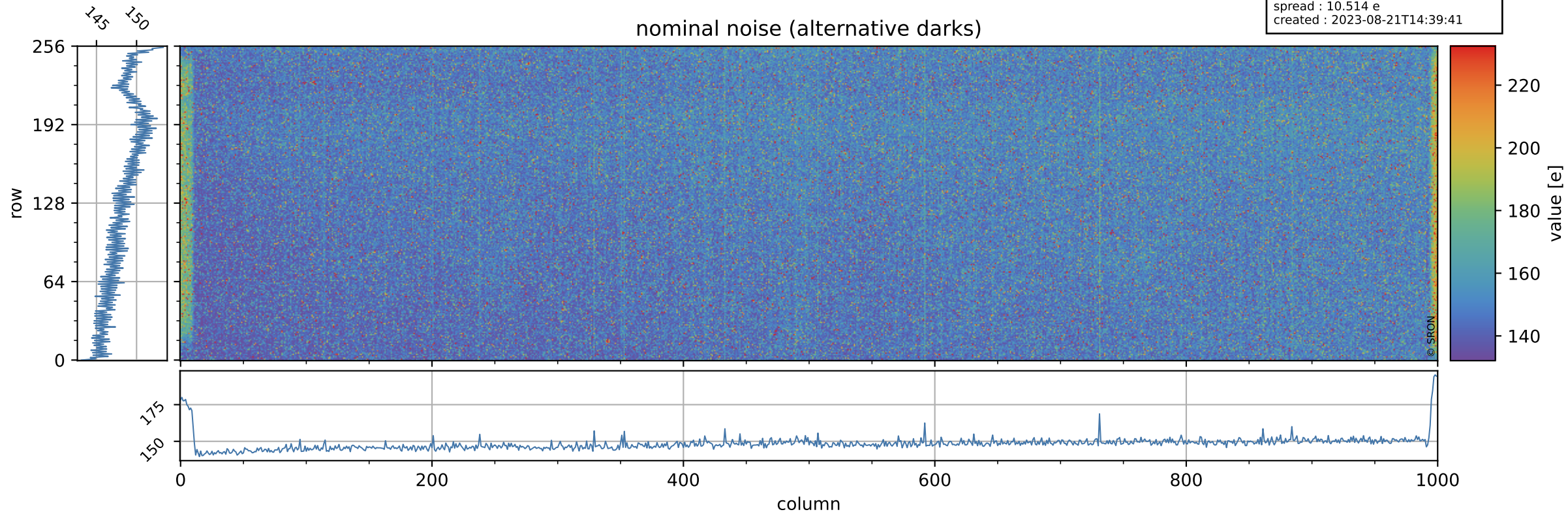


Tropomi SWIR background noise (swir)

orbits : 10 in [5992, 6082]
coverage : 2018-12-10 / 2018-12-15
n_coad, t_exp : 1, 1.0783
median : 148.22 e
spread : 10.514 e
created : 2023-08-21T14:39:41

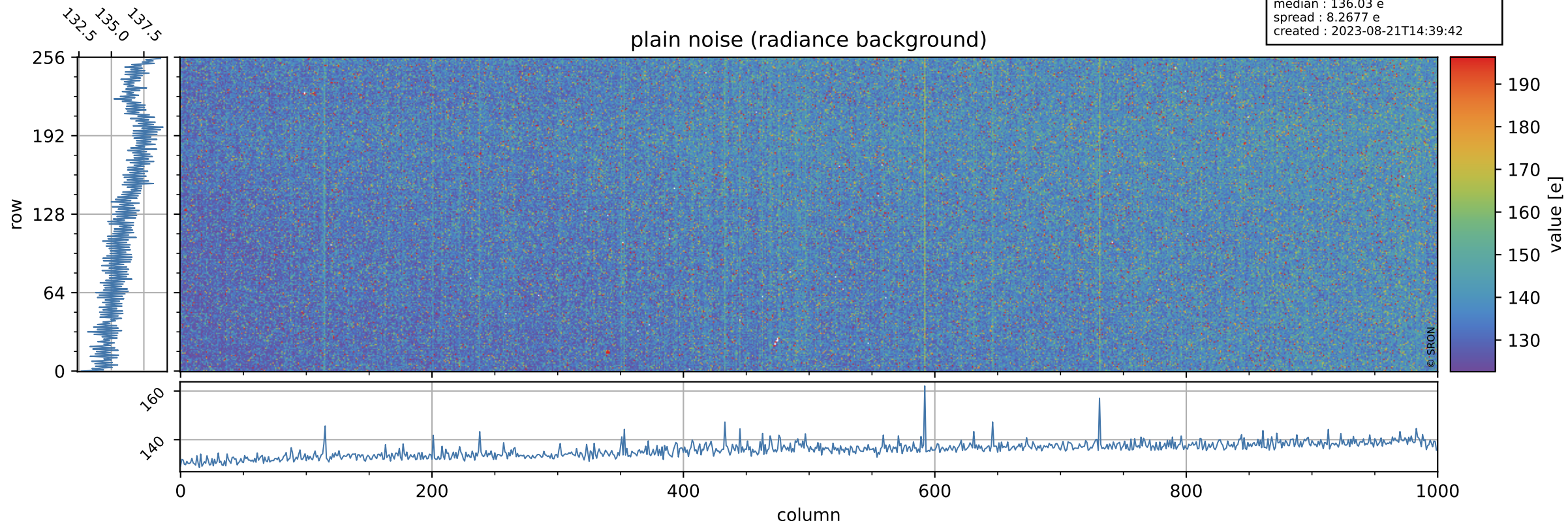
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 10 in [5992, 6082]
coverage : 2018-12-10 / 2018-12-15
n_coad, t_exp : 2, 0.5383
median : 136.03 e
spread : 8.2677 e
created : 2023-08-21T14:39:42

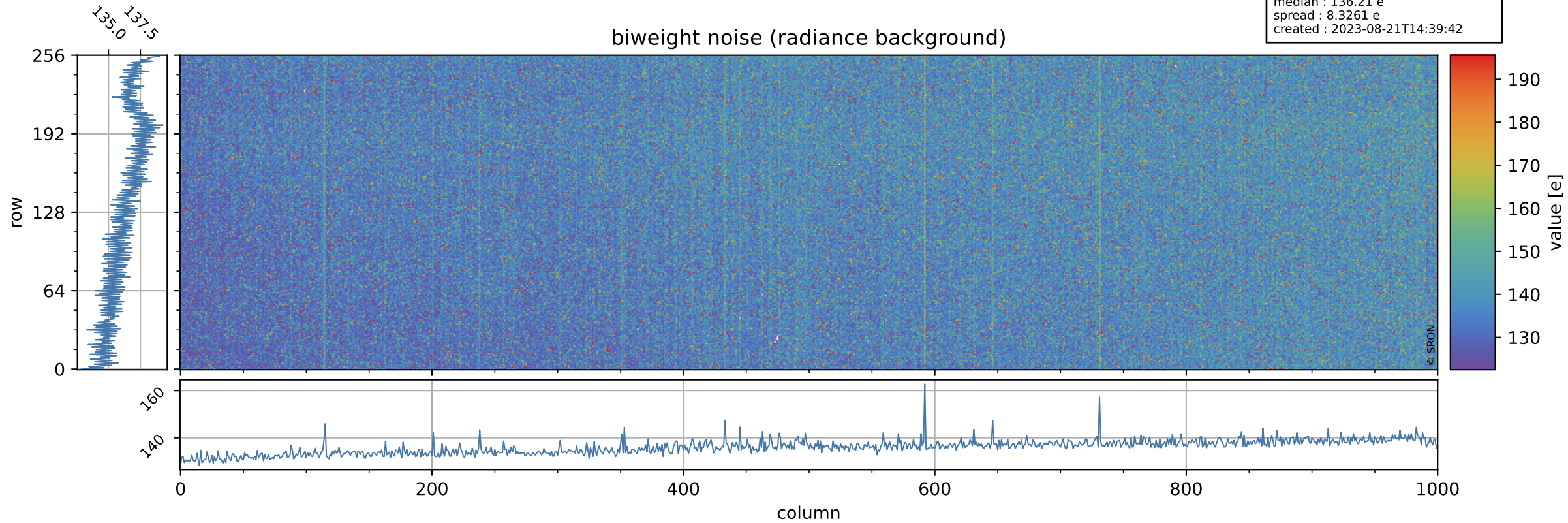
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [5992, 6082]
coverage : 2018-12-10 / 2018-12-15
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.3261 e
created : 2023-08-21T14:39:42

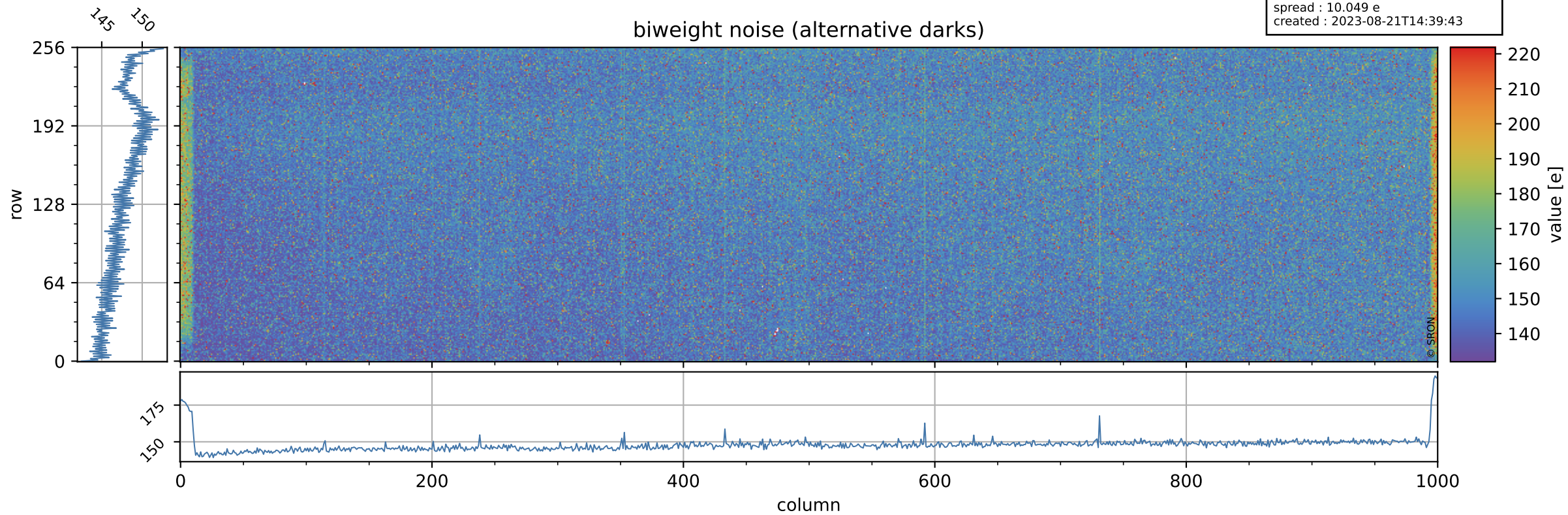
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [5992, 6082]
coverage : 2018-12-10 / 2018-12-15
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 10.049 e
created : 2023-08-21T14:39:43

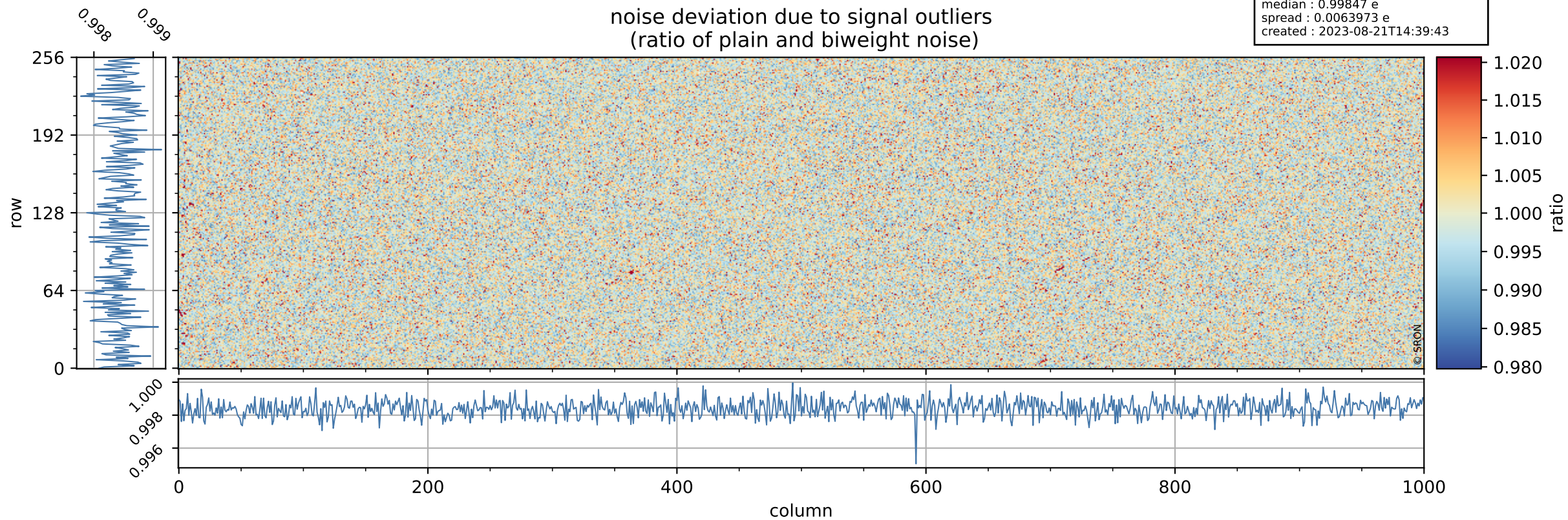
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

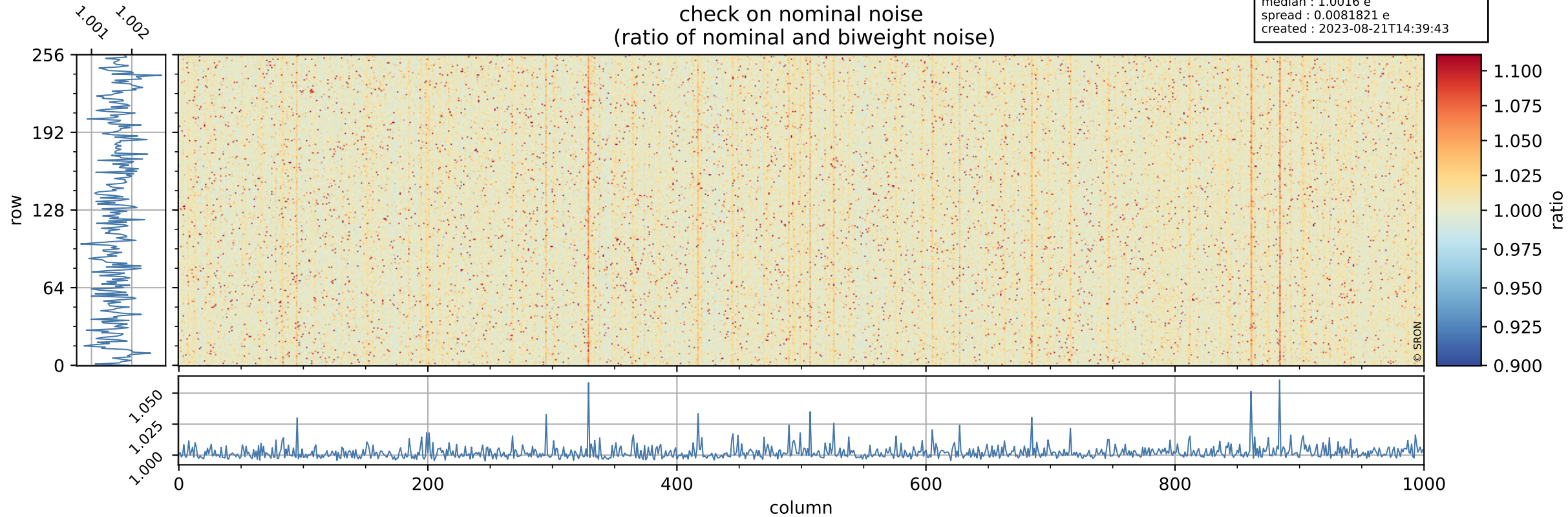
orbits : 10 in [5992, 6082]
coverage : 2018-12-10 / 2018-12-15
median : 0.99847 e
spread : 0.0063973 e
created : 2023-08-21T14:39:43



Tropomi SWIR background noise (swir)

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

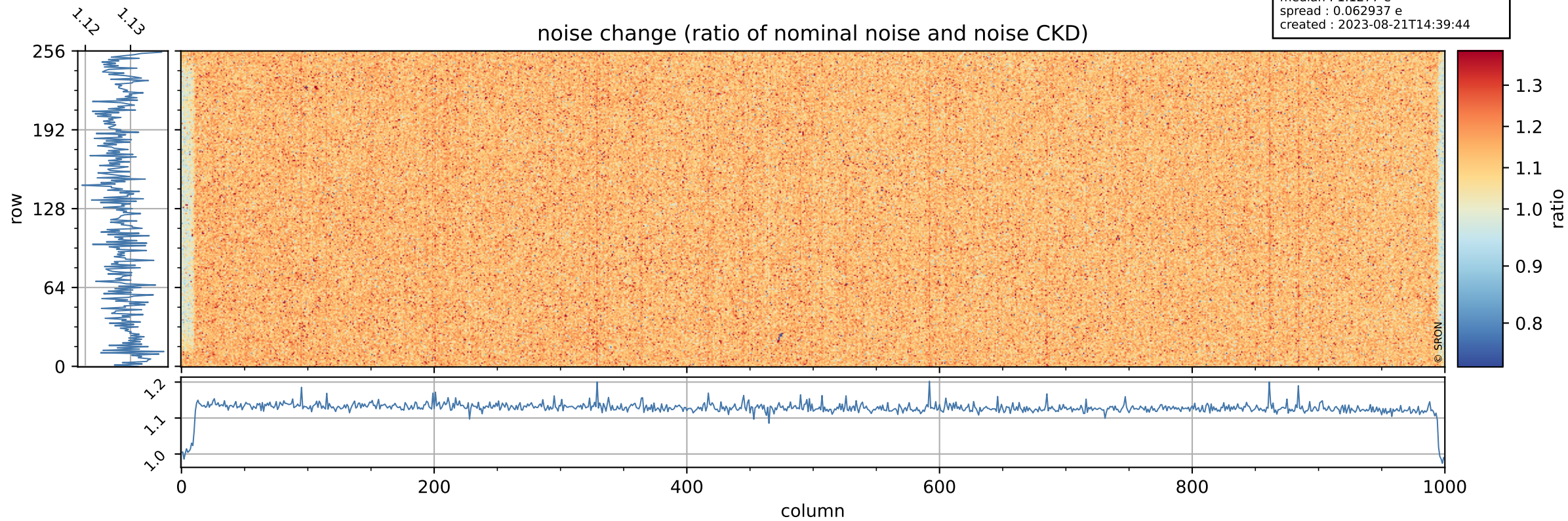
orbits : 10 in [5992, 6082]
coverage : 2018-12-10 / 2018-12-15
median : 1.0016 e
spread : 0.0081821 e
created : 2023-08-21T14:39:43



Tropomi SWIR background noise (swir)

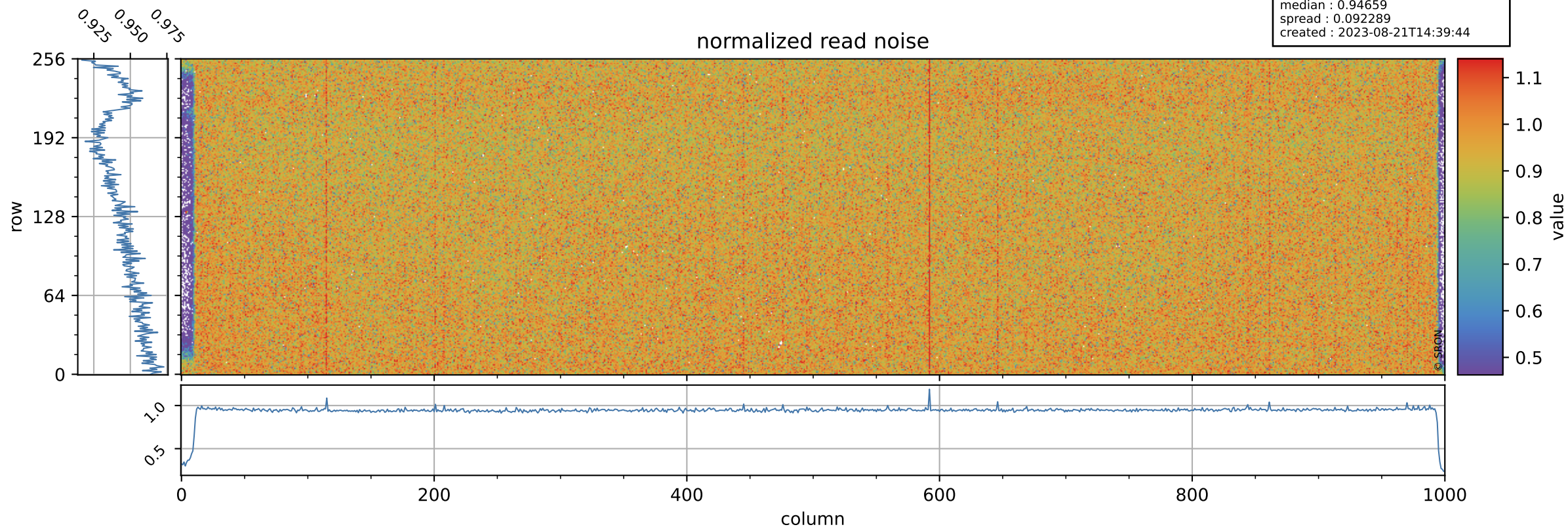
orbits : 10 in [5992, 6082]
coverage : 2018-12-10 / 2018-12-15
median : 1.1277 e
spread : 0.062937 e
created : 2023-08-21T14:39:44

noise change (ratio of nominal noise and noise CKD)



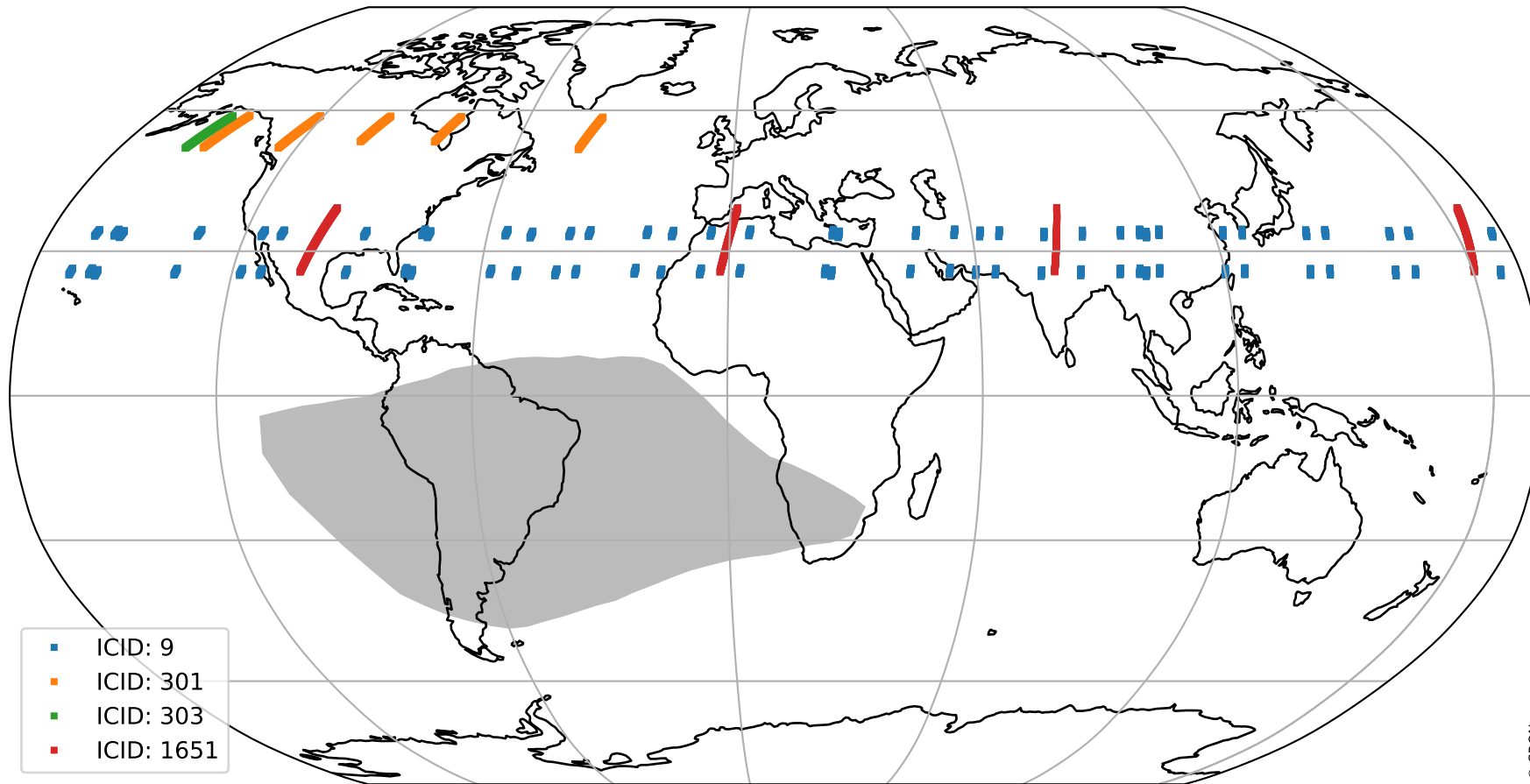
Tropomi SWIR background noise (swir)

orbits : 10 in [5992, 6082]
coverage : 2018-12-10 / 2018-12-15
median : 0.94659
spread : 0.092289
created : 2023-08-21T14:39:44



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

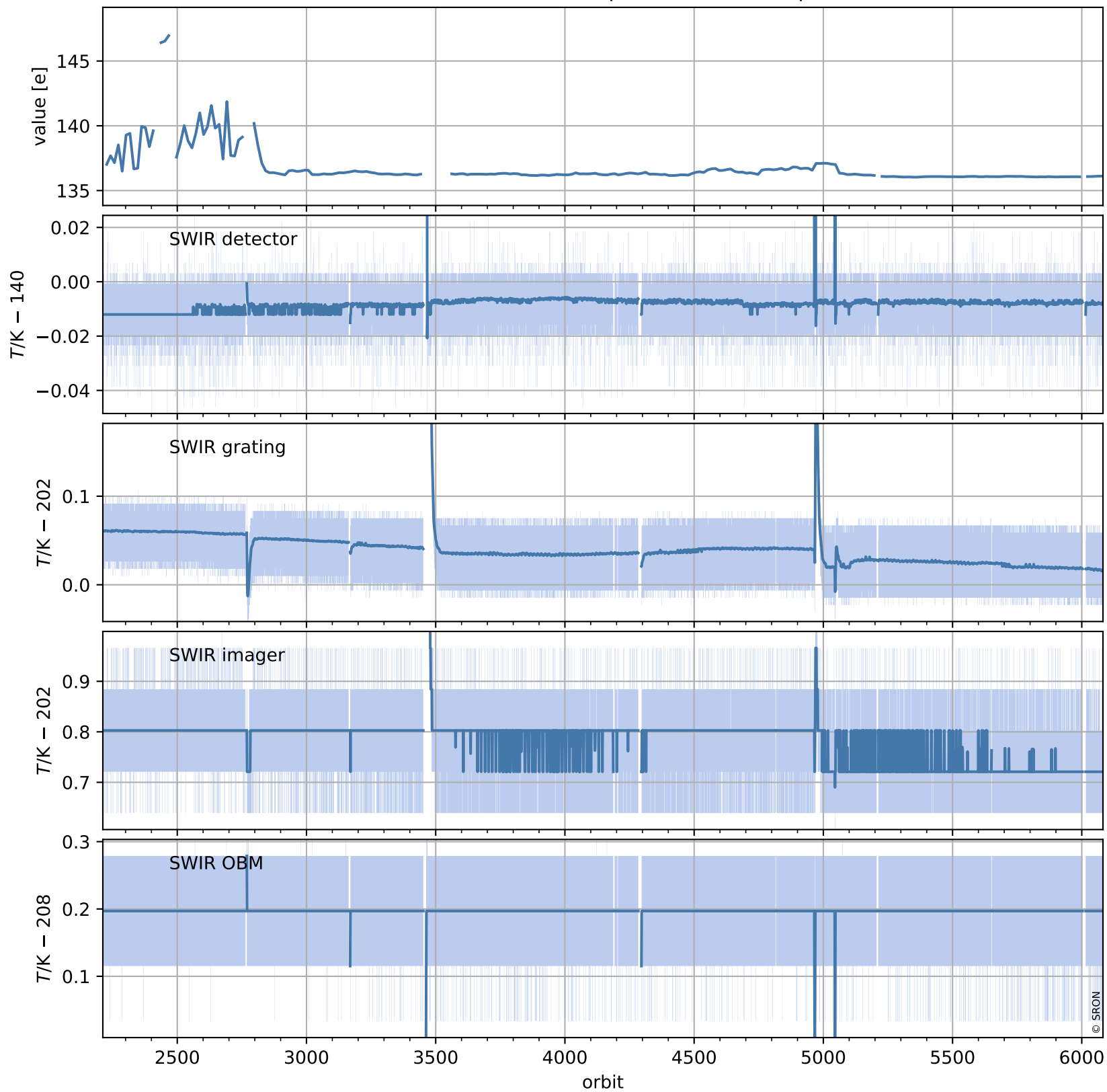
orbits : 10 in [5992, 6082]
coverage : 2018-12-10 / 2018-12-15
created : 2023-08-21T14:39:44



Tropomi SWIR background noise (swir)

orbits : [2212, 6082]
coverage : 2018-03-18 / 2018-12-15
created : 2023-08-21T14:39:44

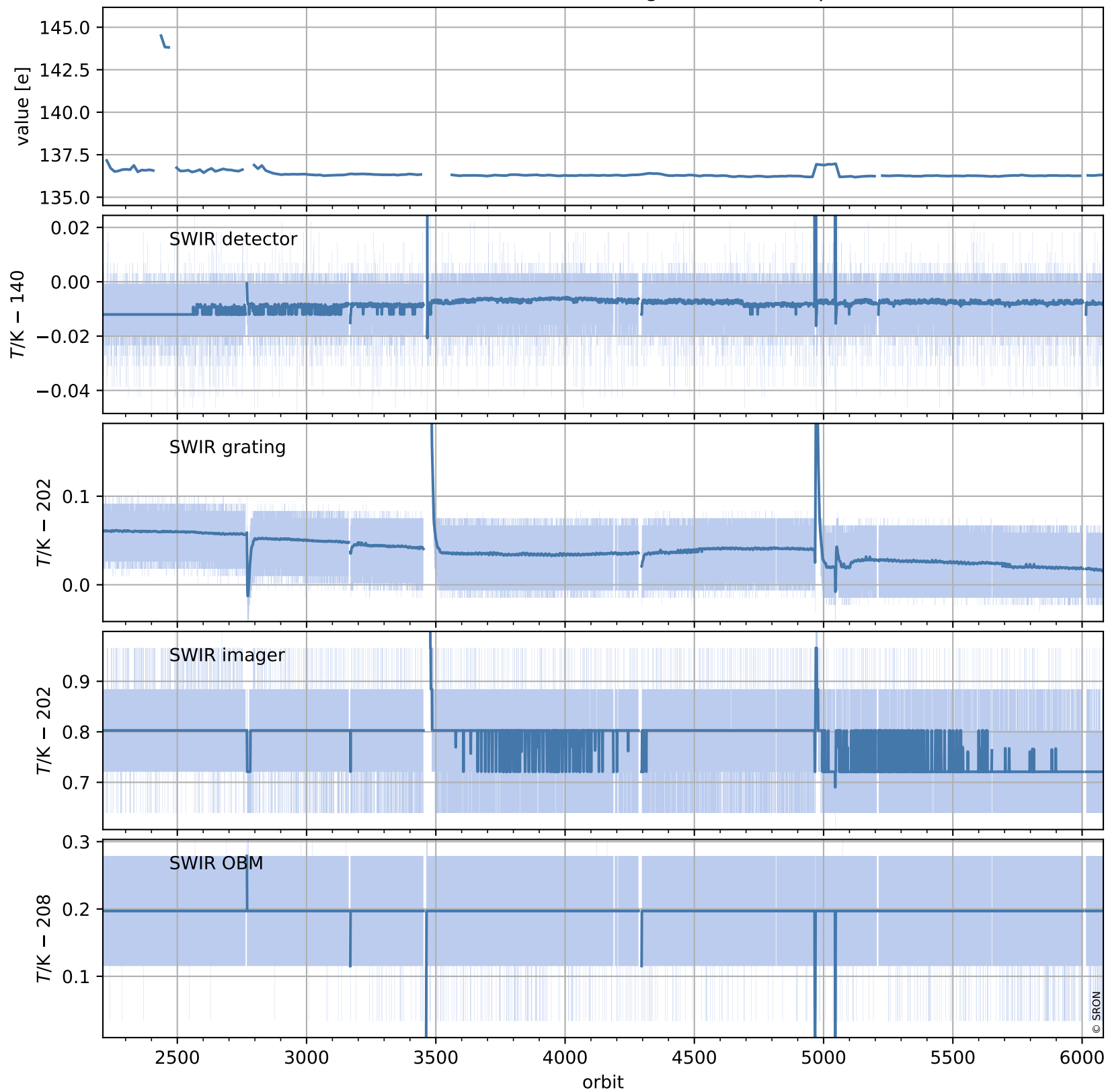
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6082]
coverage : 2018-03-18 / 2018-12-15
created : 2023-08-21T14:39:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6082]
coverage : 2018-03-18 / 2018-12-15
created : 2023-08-21T14:39:46

trend of normalized read-noise & temperatures

