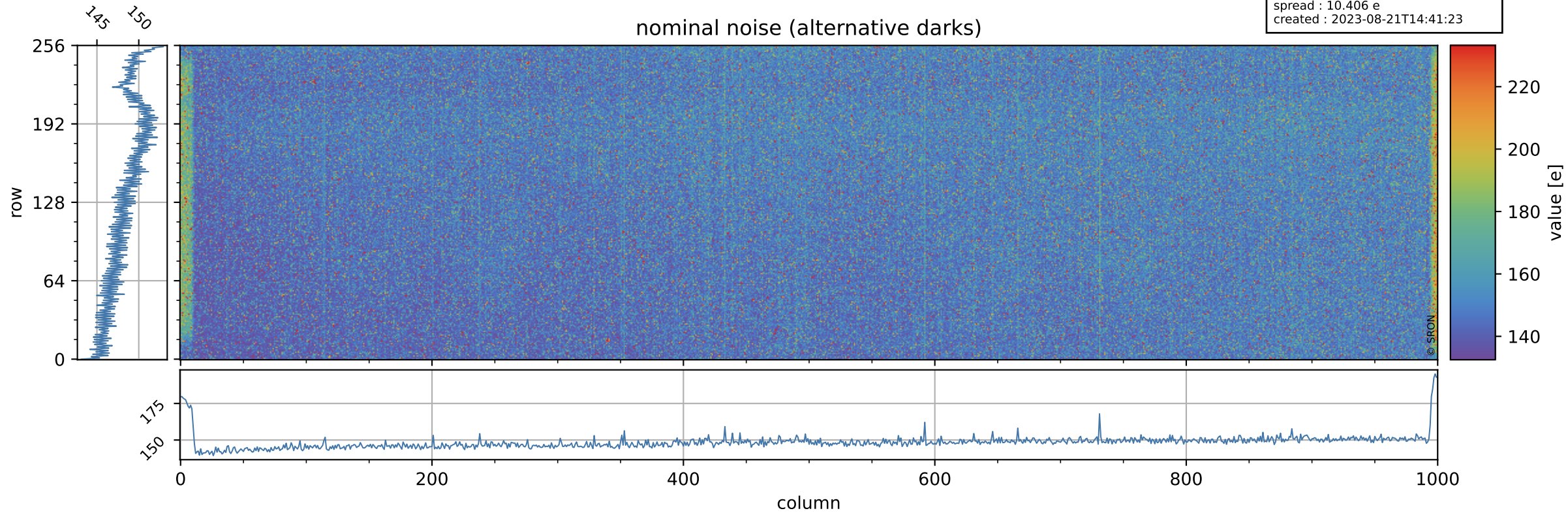


Tropomi SWIR background noise (swir)

orbits : 12 in [6292, 6382]
coverage : 2018-12-31 / 2019-01-05
n_coad, t_exp : 1, 1.0783
median : 148.3 e
spread : 10.406 e
created : 2023-08-21T14:41:23

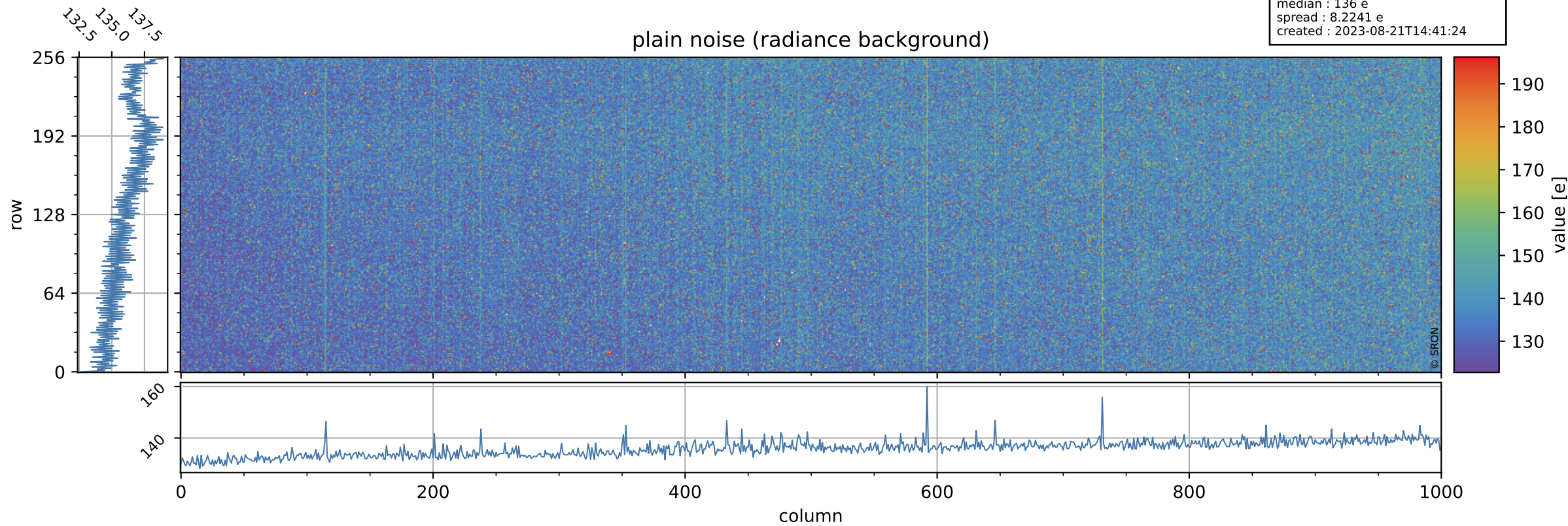
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6292, 6382]
coverage : 2018-12-31 / 2019-01-05
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2241 e
created : 2023-08-21T14:41:24

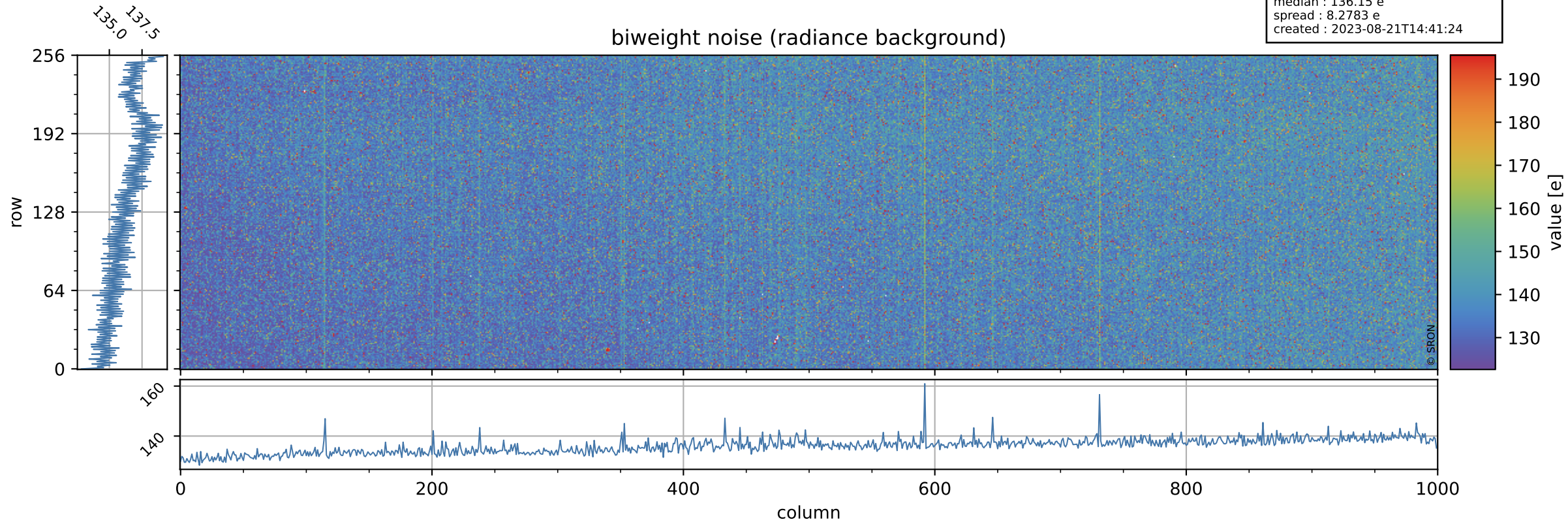
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6292, 6382]
coverage : 2018-12-31 / 2019-01-05
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.2783 e
created : 2023-08-21T14:41:24

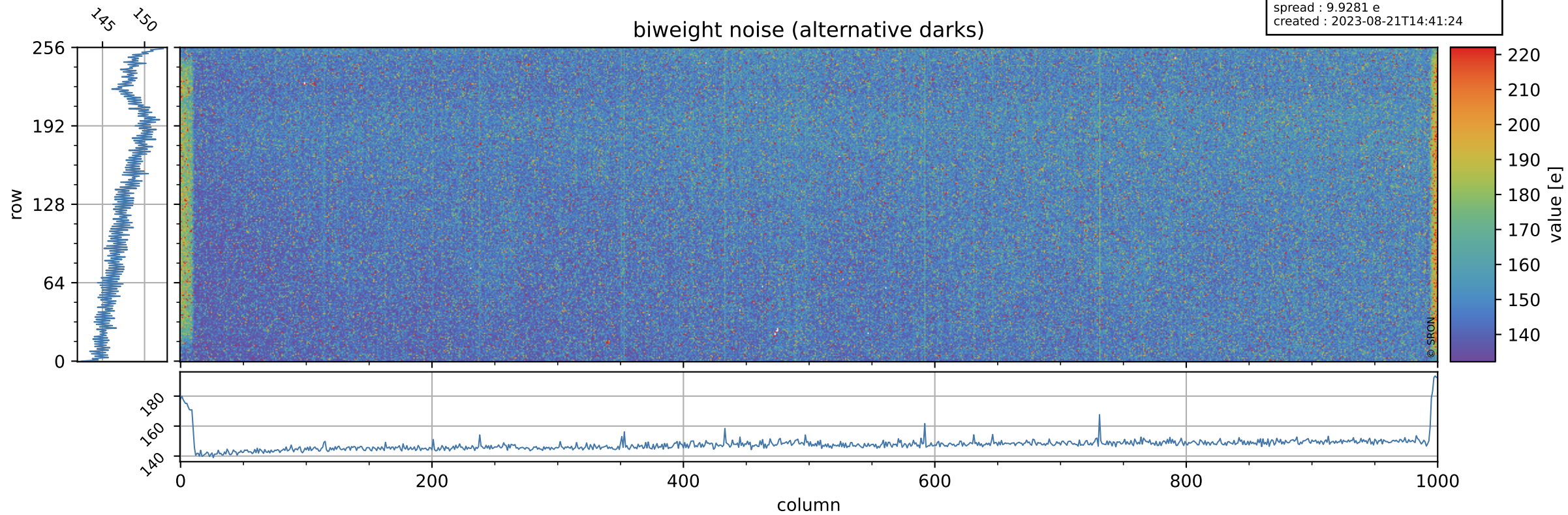
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6292, 6382]
coverage : 2018-12-31 / 2019-01-05
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9281 e
created : 2023-08-21T14:41:24

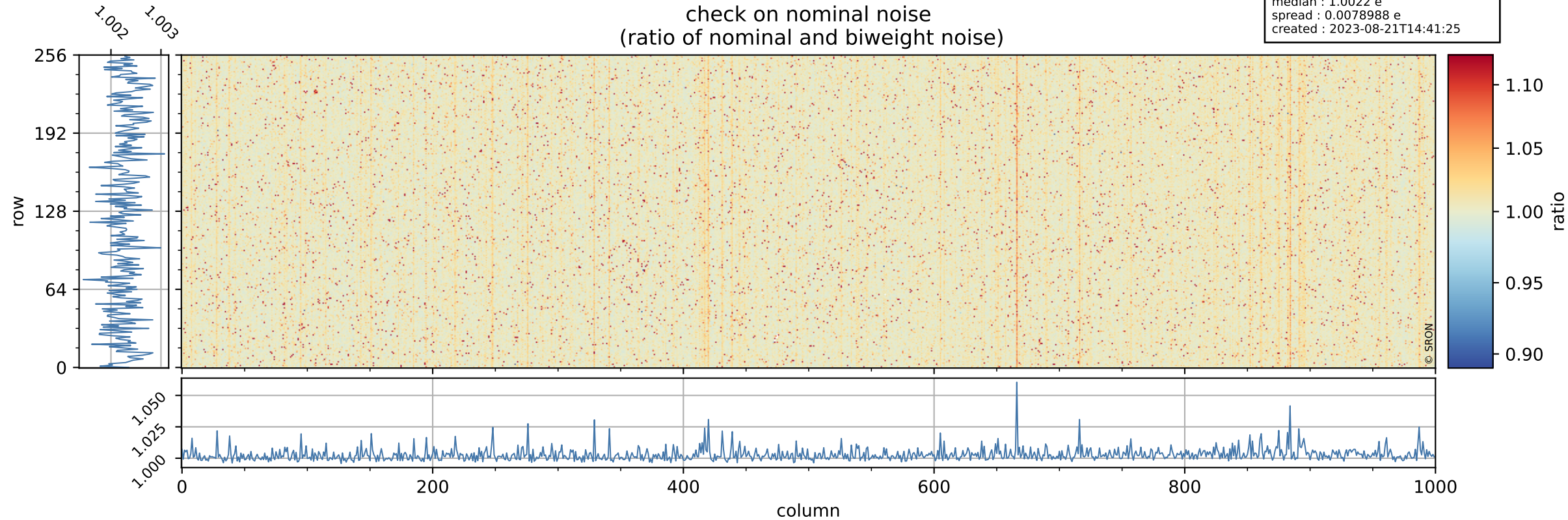
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

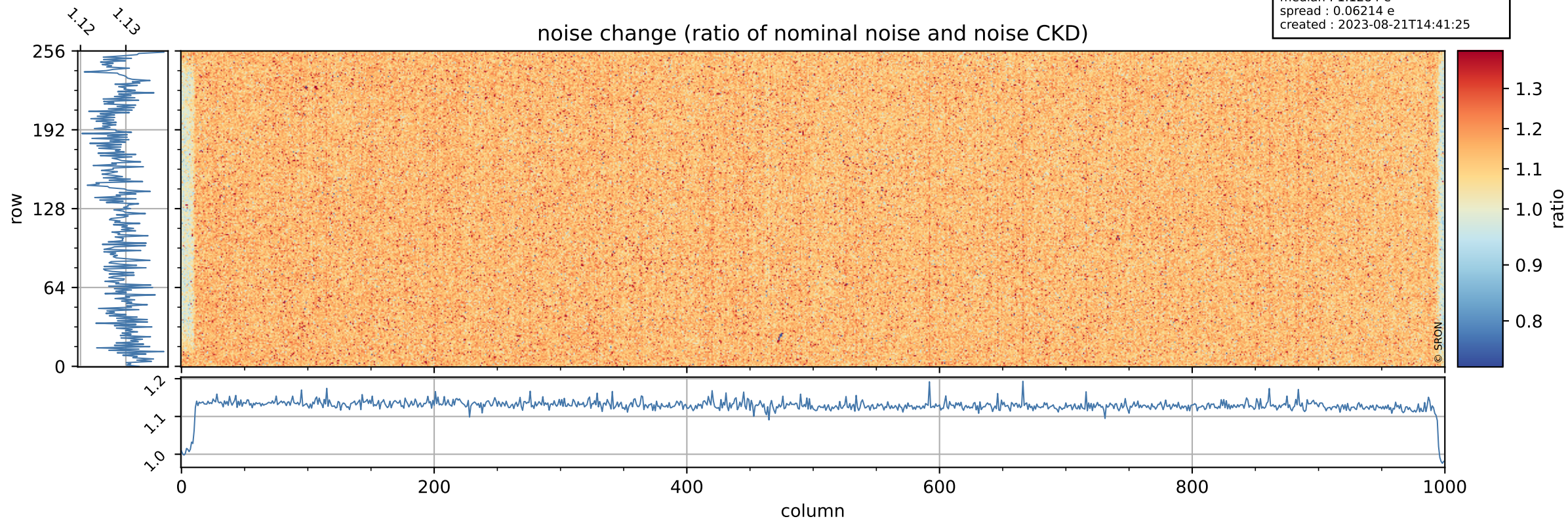
orbits : 12 in [6292, 6382]
coverage : 2018-12-31 / 2019-01-05
median : 1.0022 e
spread : 0.0078988 e
created : 2023-08-21T14:41:25



Tropomi SWIR background noise (swir)

orbits : 12 in [6292, 6382]
coverage : 2018-12-31 / 2019-01-05
median : 1.1284 e
spread : 0.06214 e
created : 2023-08-21T14:41:25

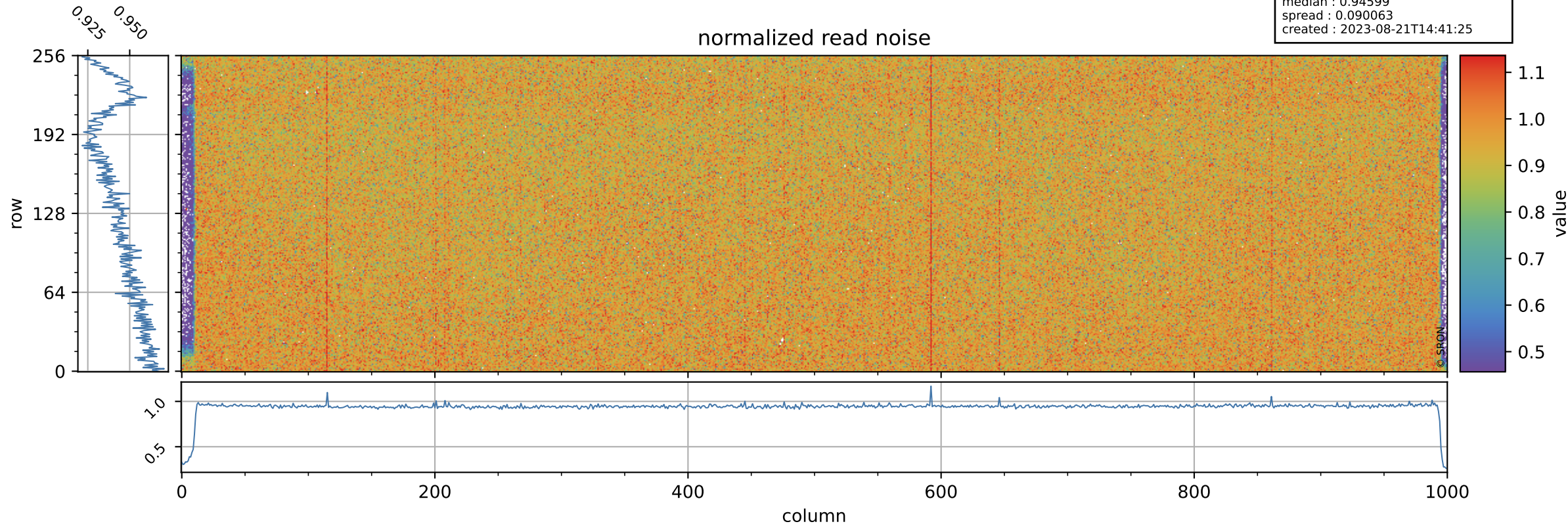
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

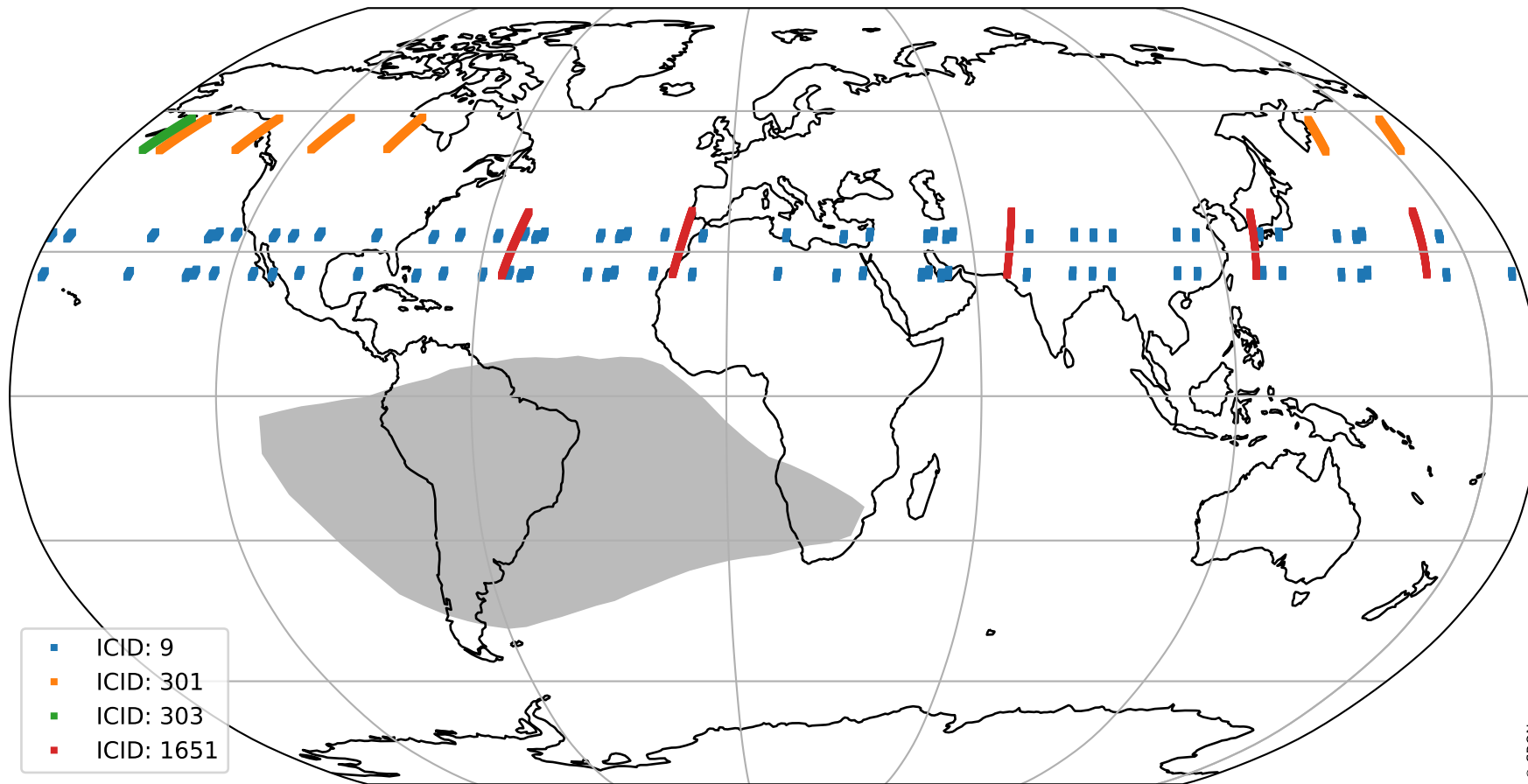
orbits : 12 in [6292, 6382]
coverage : 2018-12-31 / 2019-01-05
median : 0.94599
spread : 0.090063
created : 2023-08-21T14:41:25

normalized read noise



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

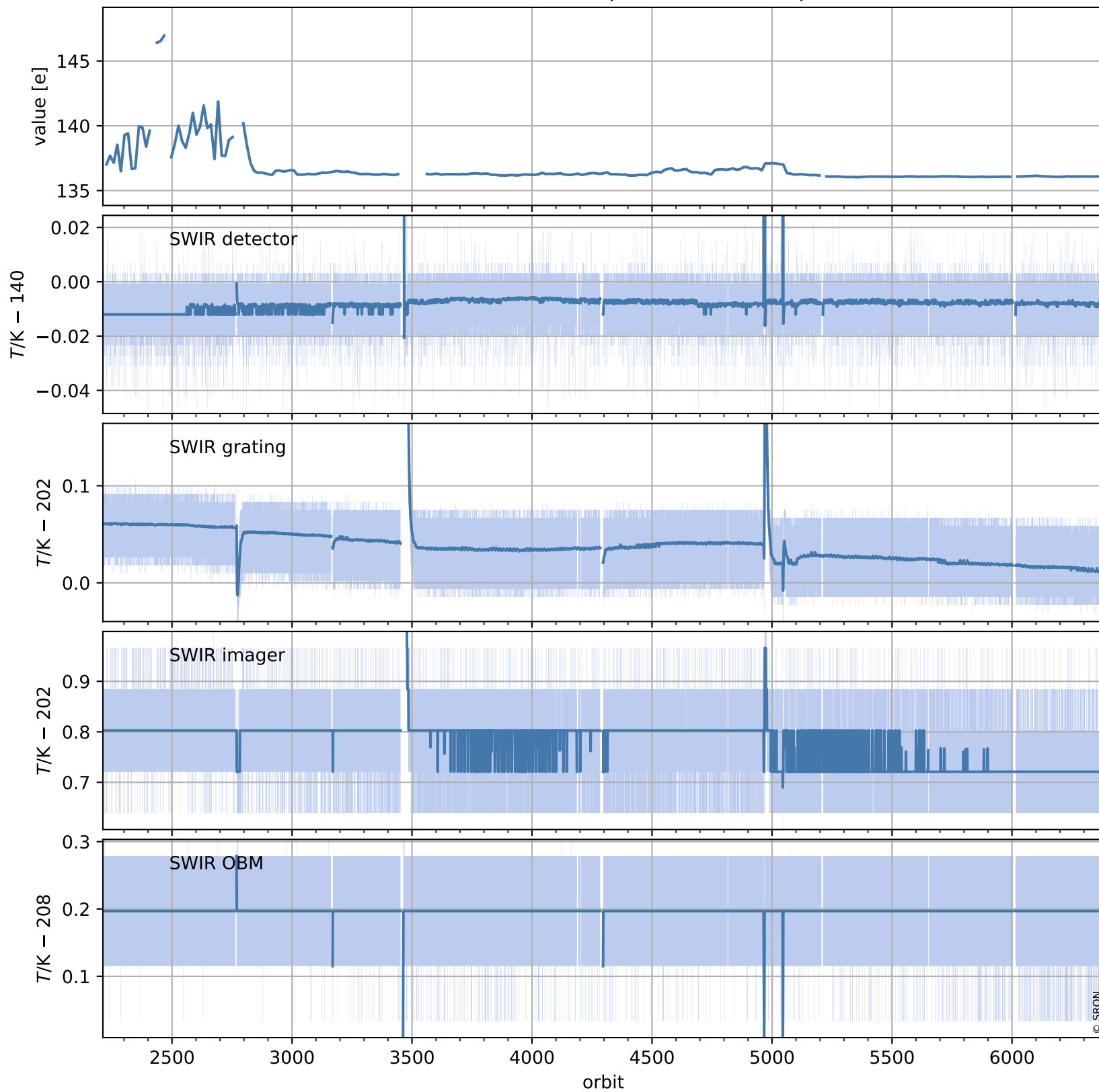
orbits : 12 in [6292, 6382]
coverage : 2018-12-31 / 2019-01-05
created : 2023-08-21T14:41:26



Tropomi SWIR background noise (swir)

orbits : [2212, 6382]
coverage : 2018-03-18 / 2019-01-05
created : 2023-08-21T14:41:26

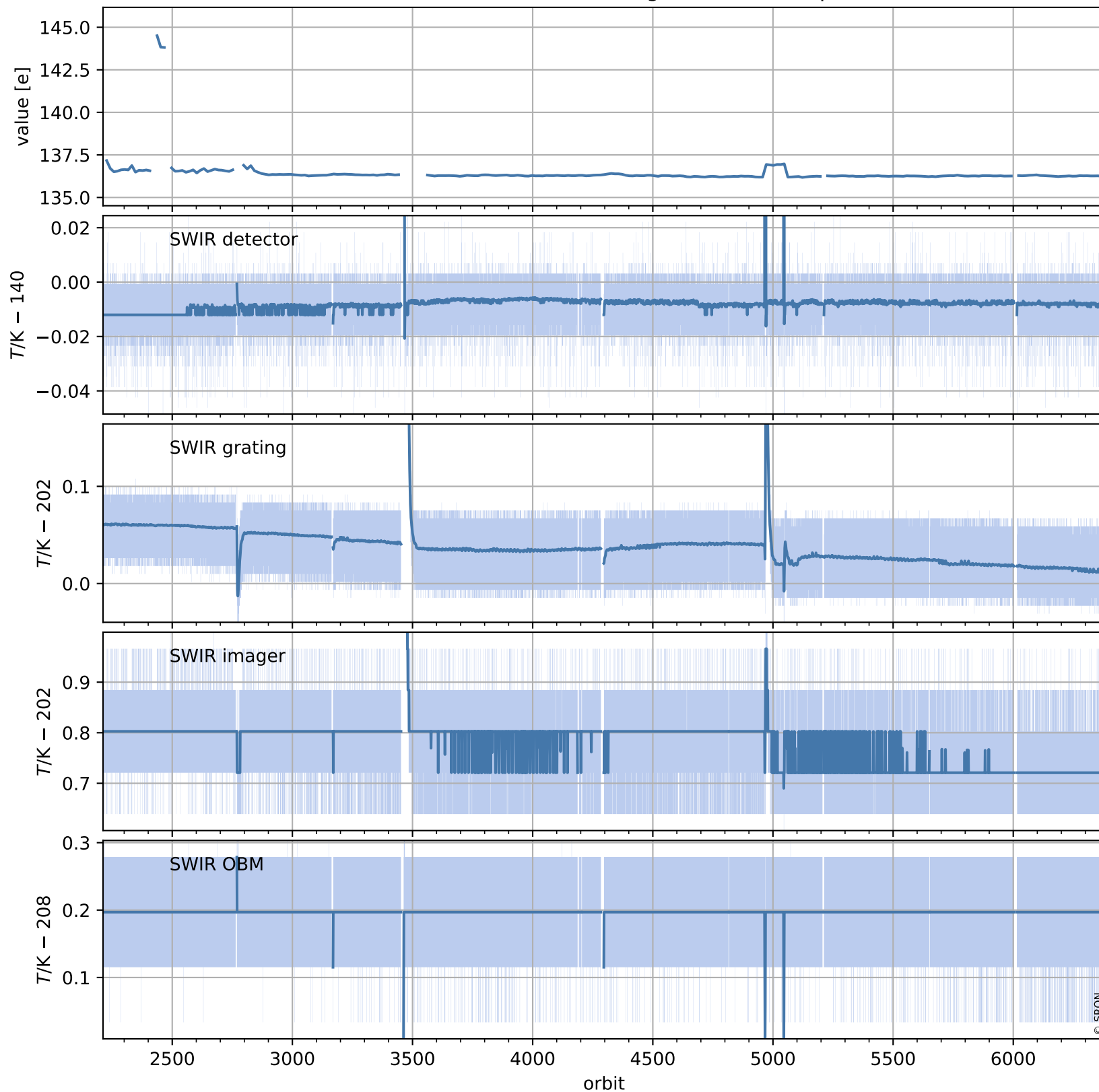
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6382]
coverage : 2018-03-18 / 2019-01-05
created : 2023-08-21T14:41:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6382]
coverage : 2018-03-18 / 2019-01-05
created : 2023-08-21T14:41:27

trend of normalized read-noise & temperatures

