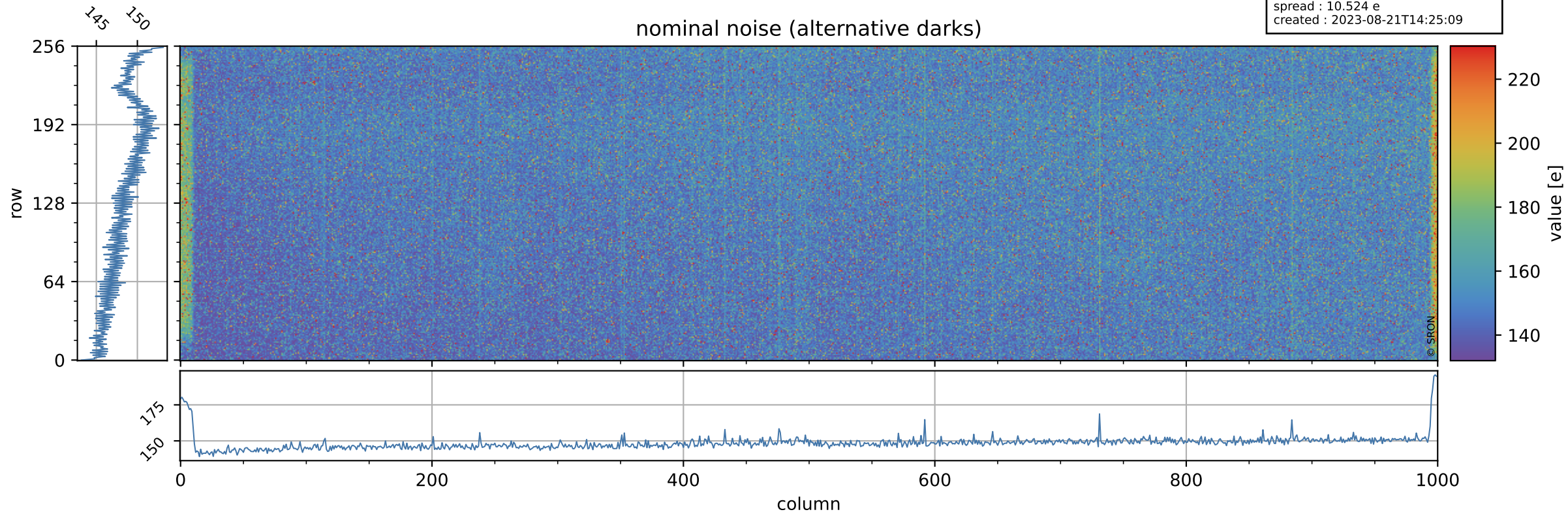


Tropomi SWIR background noise (swir)

orbits : 12 in [3937, 4027]
coverage : 2018-07-18 / 2018-07-24
n_coad, t_exp : 1, 1.0783
median : 148.27 e
spread : 10.524 e
created : 2023-08-21T14:25:09

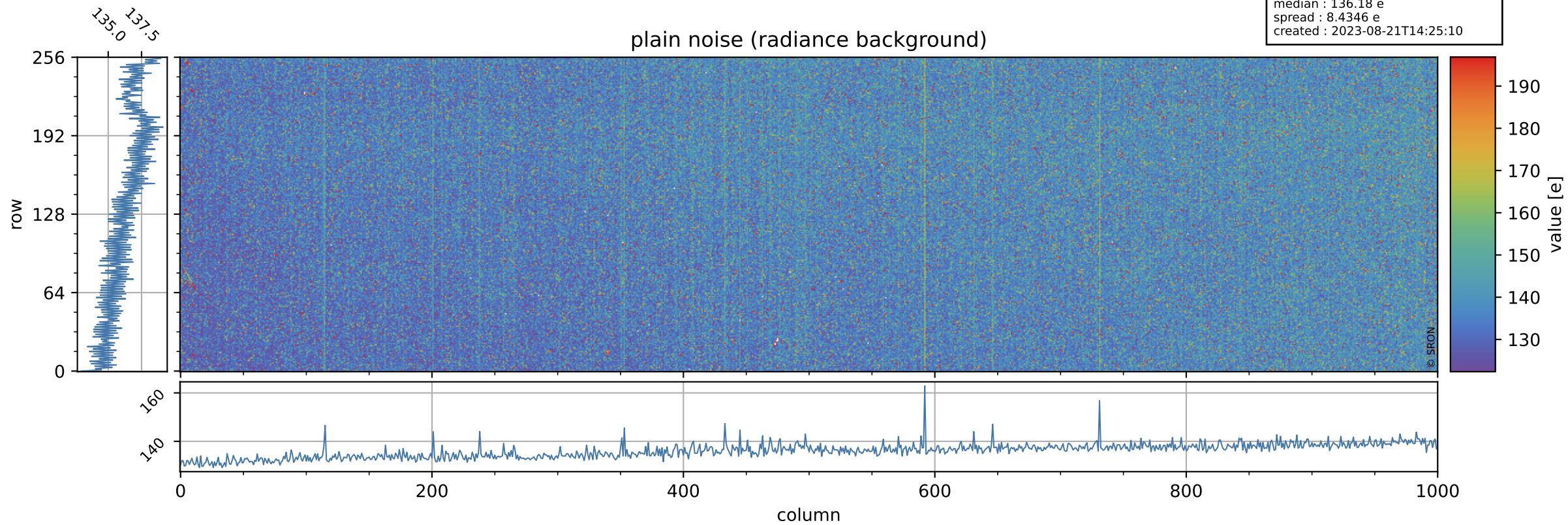
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3937, 4027]
coverage : 2018-07-18 / 2018-07-24
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.4346 e
created : 2023-08-21T14:25:10

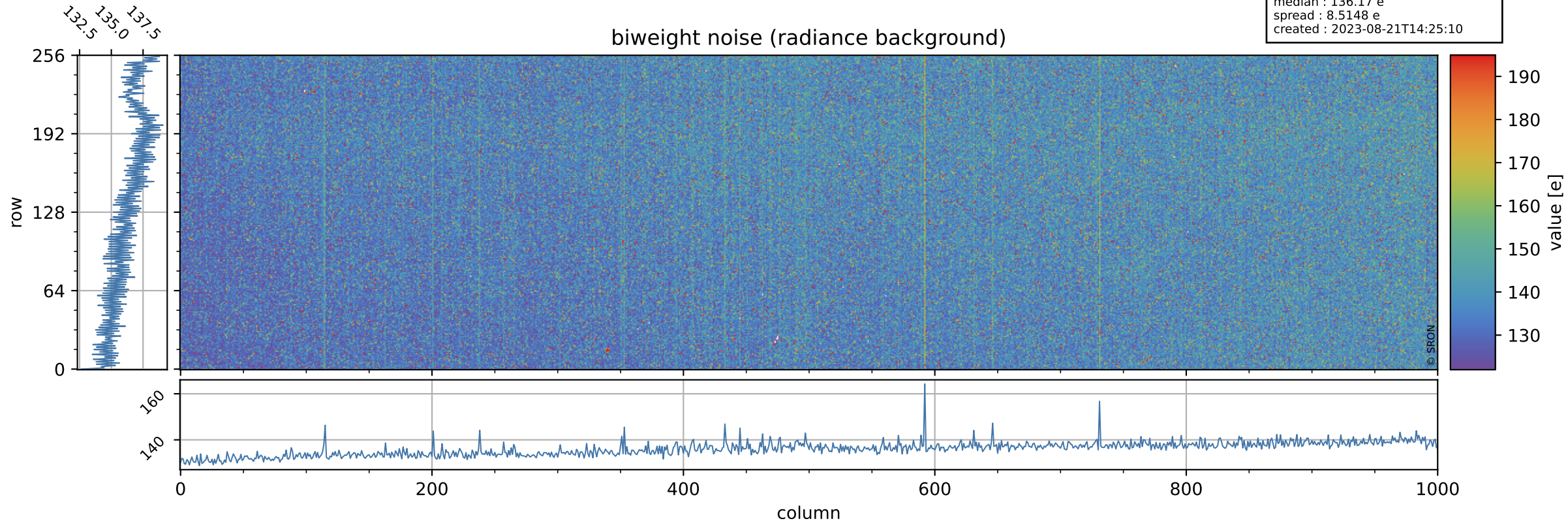
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3937, 4027]
coverage : 2018-07-18 / 2018-07-24
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.5148 e
created : 2023-08-21T14:25:10

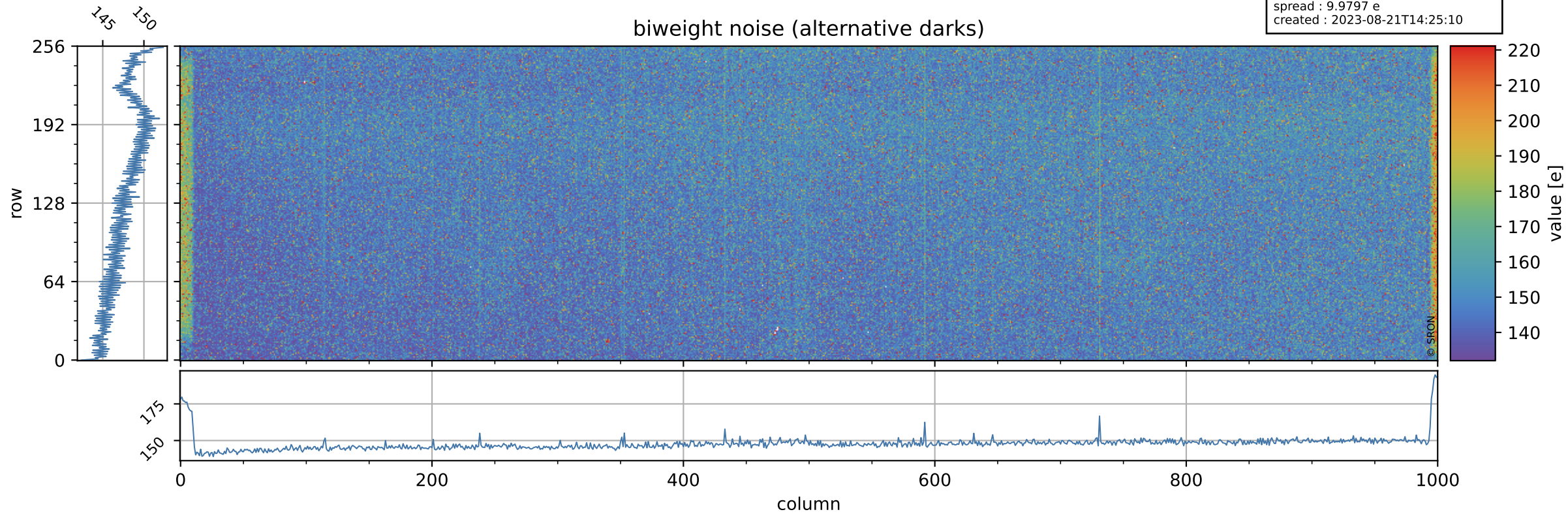
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3937, 4027]
coverage : 2018-07-18 / 2018-07-24
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.9797 e
created : 2023-08-21T14:25:10

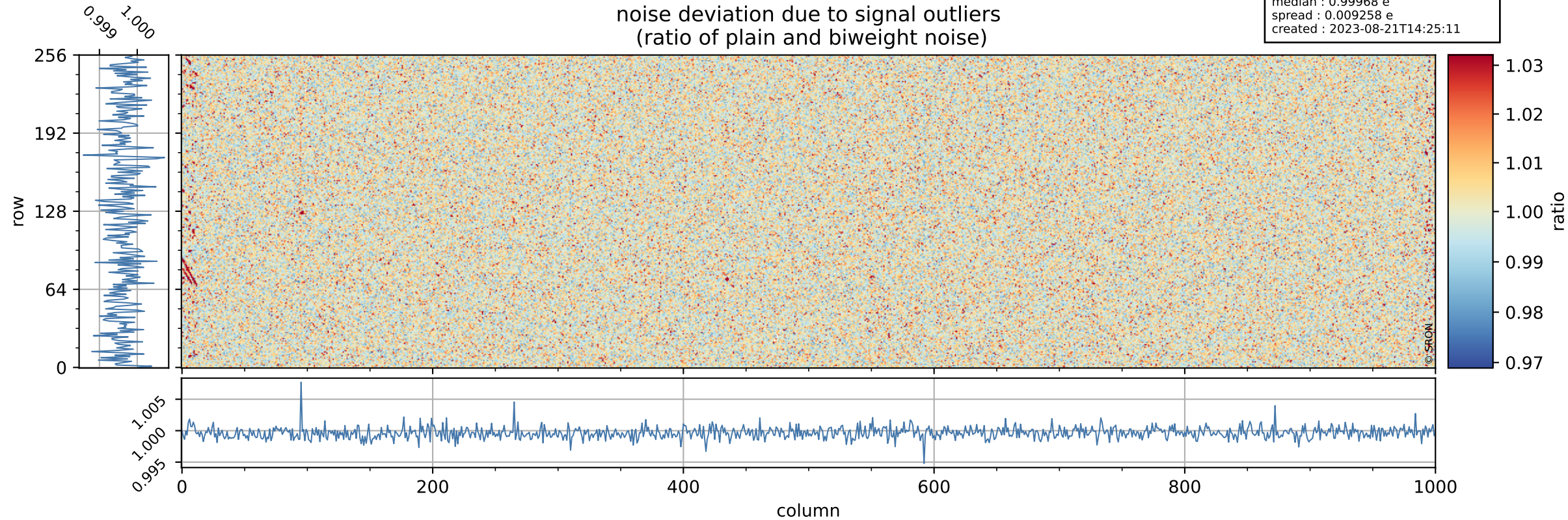
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

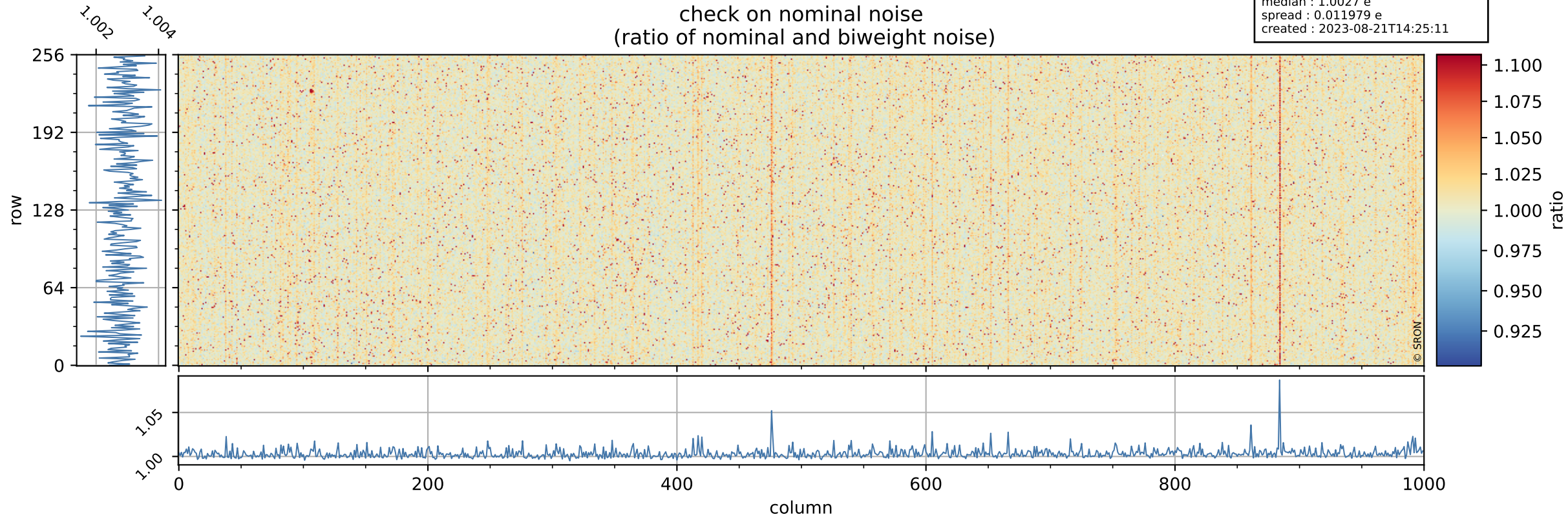
orbits : 12 in [3937, 4027]
coverage : 2018-07-18 / 2018-07-24
median : 0.99968 e
spread : 0.009258 e
created : 2023-08-21T14:25:11



Tropomi SWIR background noise (swir)

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

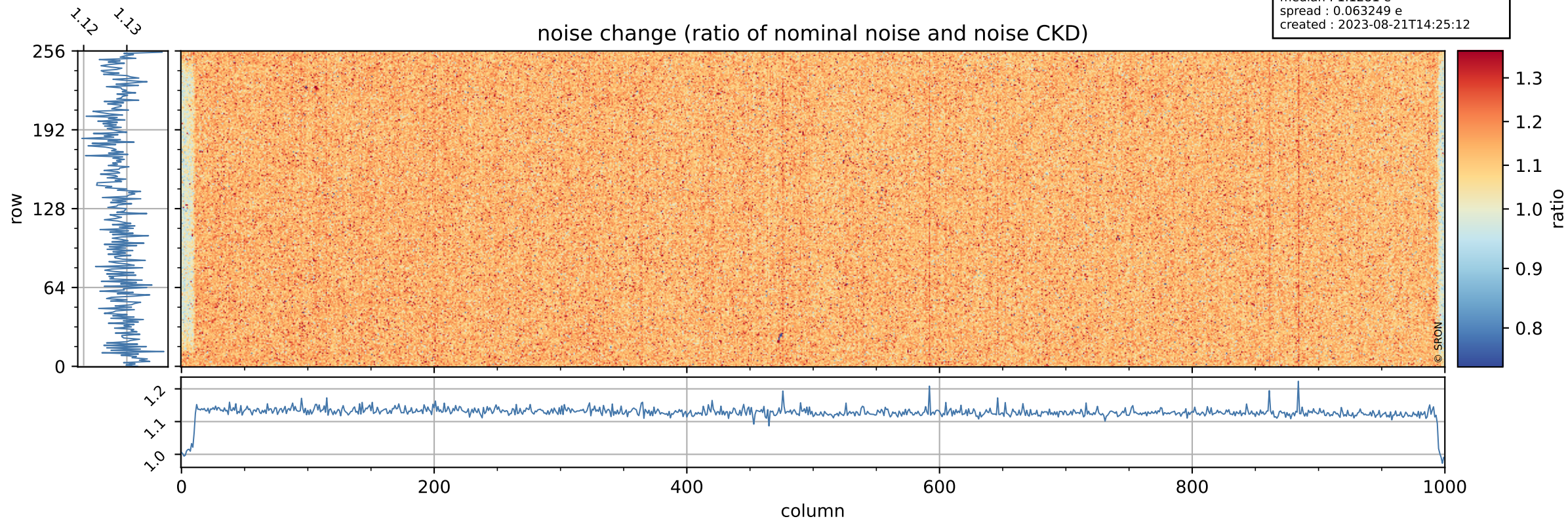
orbits : 12 in [3937, 4027]
coverage : 2018-07-18 / 2018-07-24
median : 1.0027 e
spread : 0.011979 e
created : 2023-08-21T14:25:11



Tropomi SWIR background noise (swir)

orbits : 12 in [3937, 4027]
coverage : 2018-07-18 / 2018-07-24
median : 1.1281 e
spread : 0.063249 e
created : 2023-08-21T14:25:12

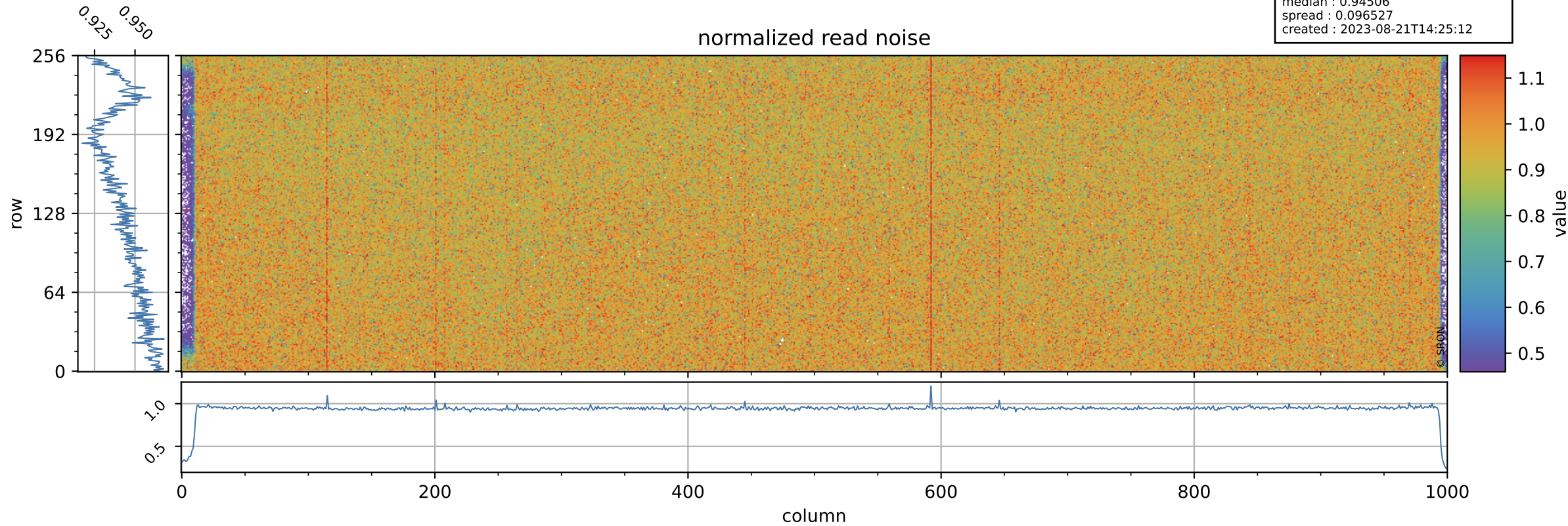
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

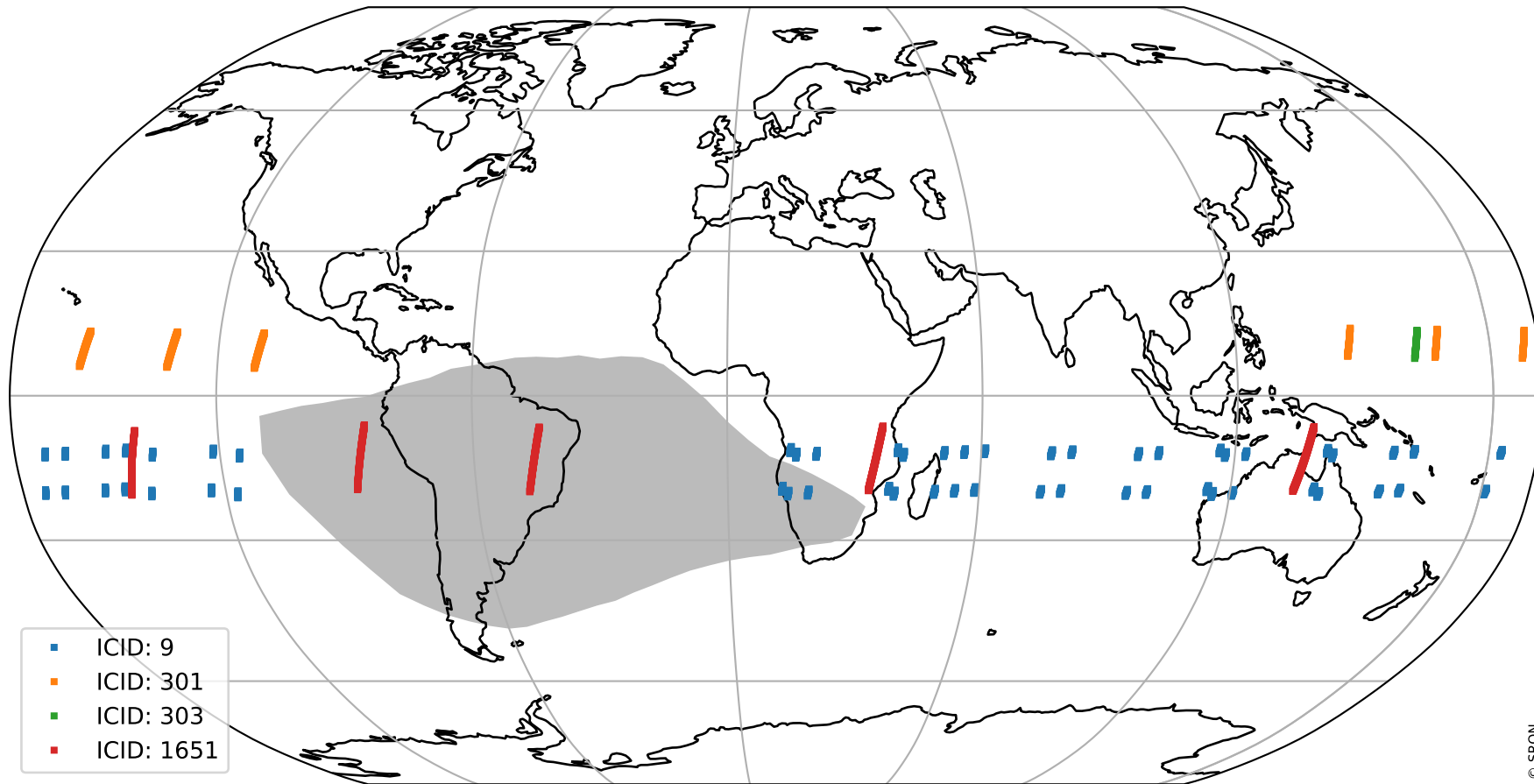
orbits : 12 in [3937, 4027]
coverage : 2018-07-18 / 2018-07-24
median : 0.94506
spread : 0.096527
created : 2023-08-21T14:25:12

normalized read noise



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

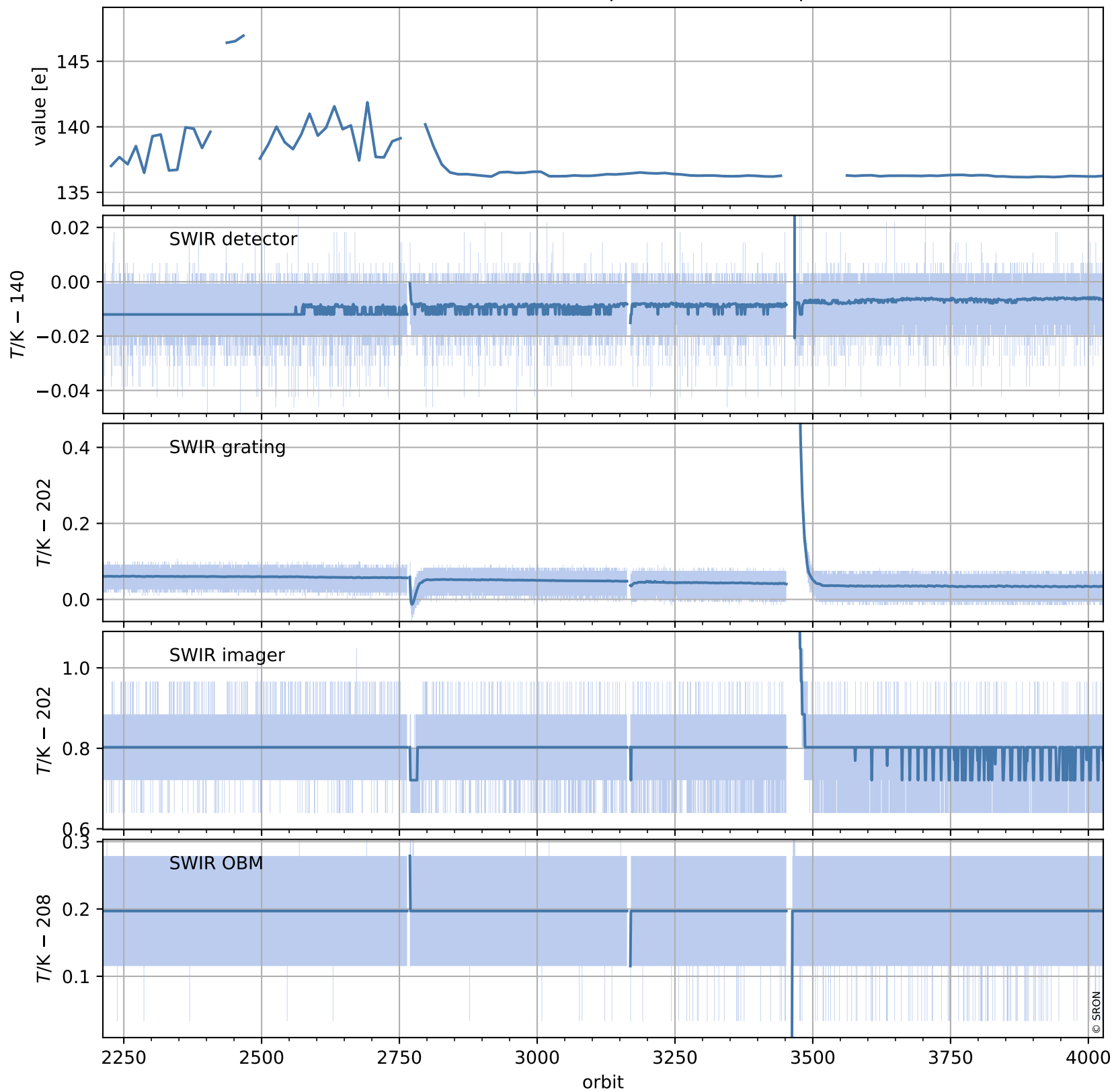
orbits : 12 in [3937, 4027]
coverage : 2018-07-18 / 2018-07-24
created : 2023-08-21T14:25:12



Tropomi SWIR background noise (swir)

orbits : [2212, 4027]
coverage : 2018-03-18 / 2018-07-24
created : 2023-08-21T14:25:13

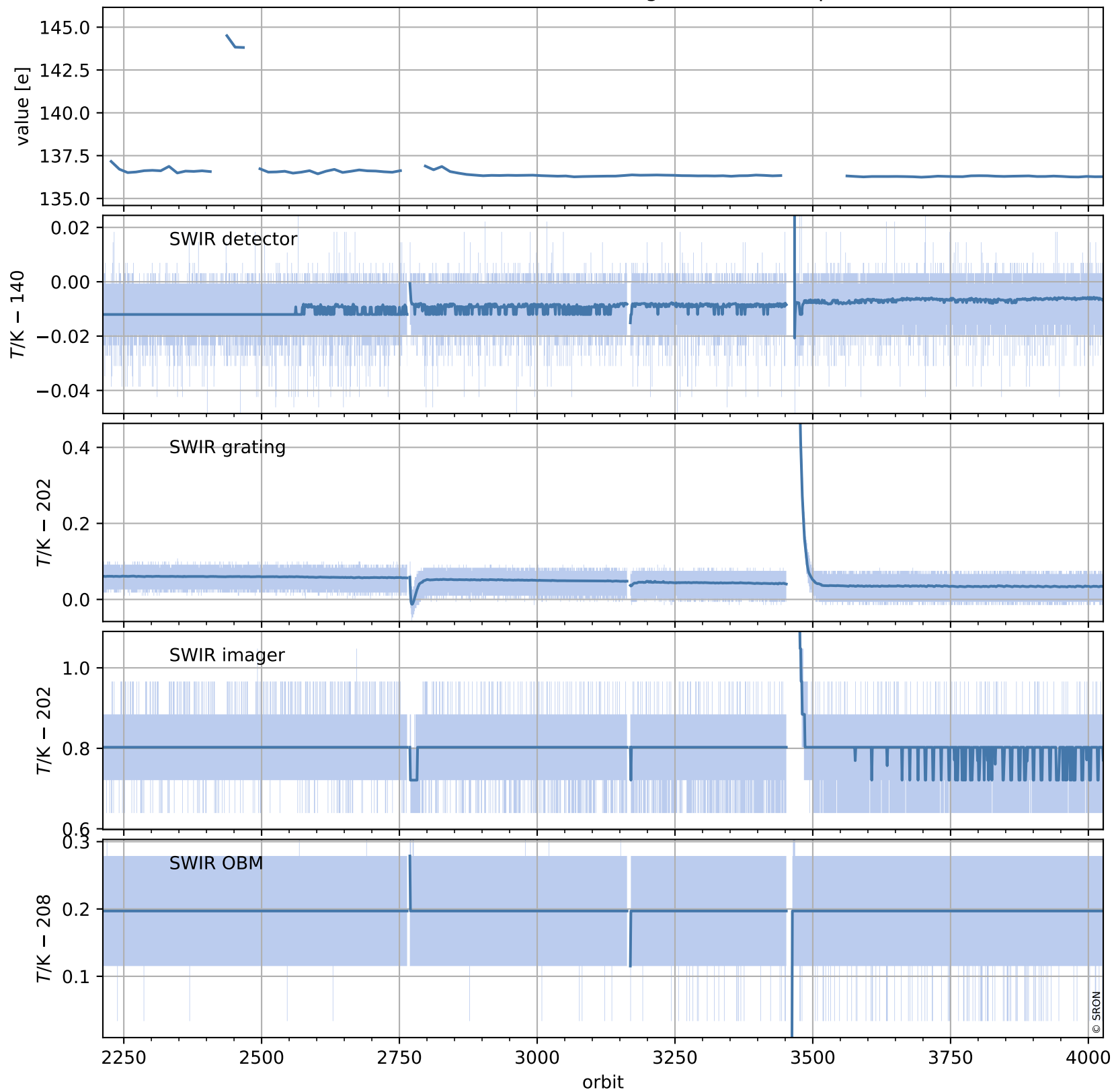
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4027]
coverage : 2018-03-18 / 2018-07-24
created : 2023-08-21T14:25:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4027]
coverage : 2018-03-18 / 2018-07-24
created : 2023-08-21T14:25:14

trend of normalized read-noise & temperatures

