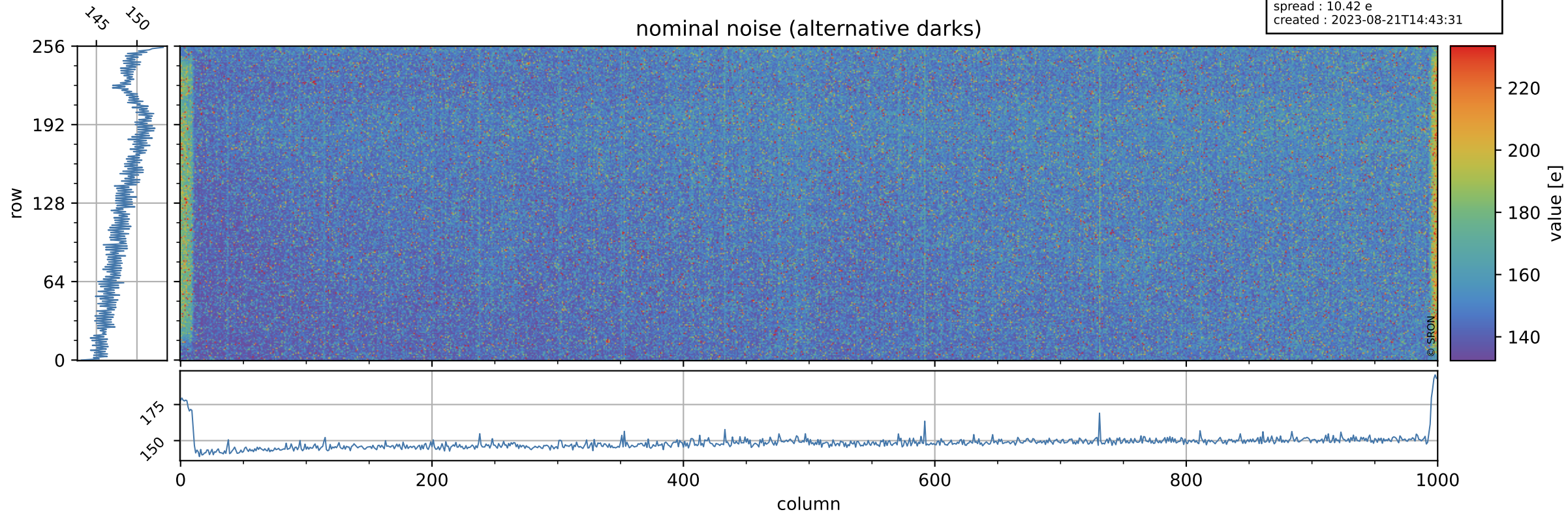


Tropomi SWIR background noise (swir)

orbits : 12 in [6607, 6682]
coverage : 2019-01-21 / 2019-01-26
n_coad, t_exp : 1, 1.0783
median : 148.31 e
spread : 10.42 e
created : 2023-08-21T14:43:31

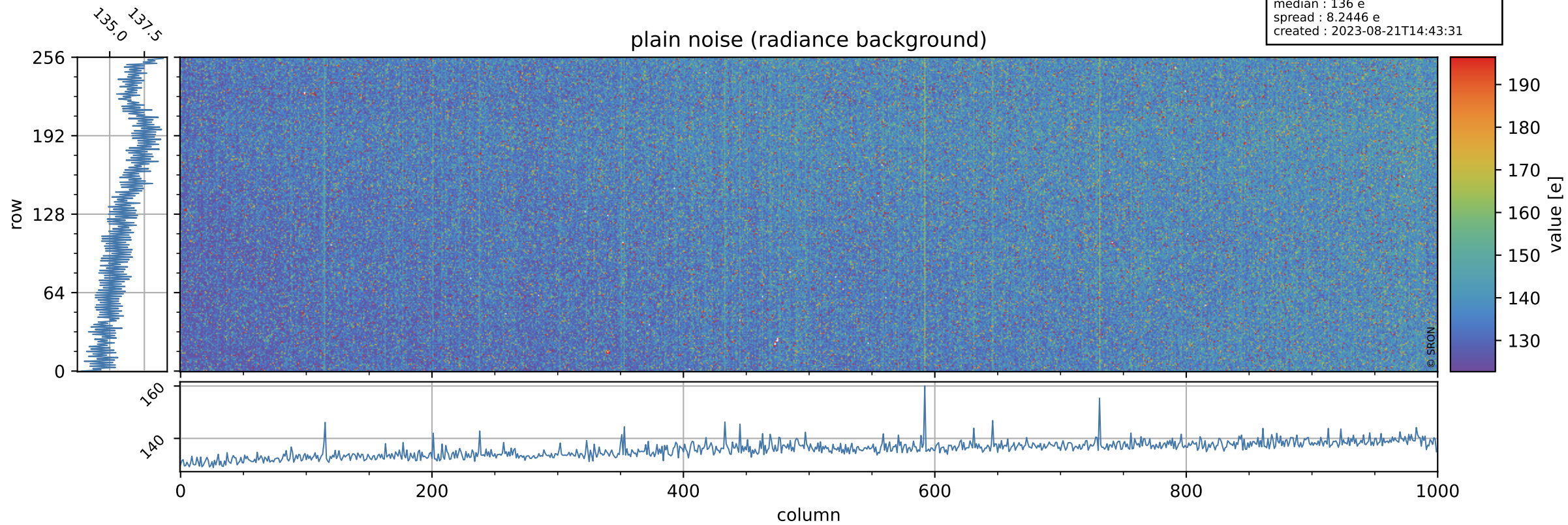
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6607, 6682]
coverage : 2019-01-21 / 2019-01-26
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2446 e
created : 2023-08-21T14:43:31

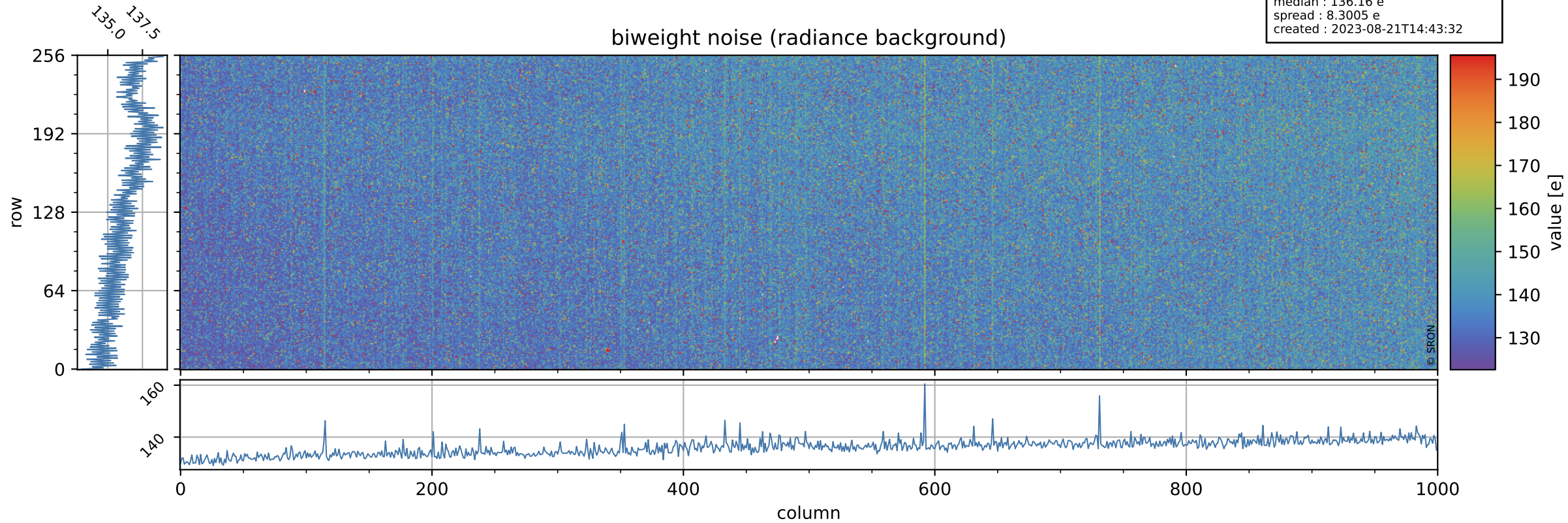
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6607, 6682]
coverage : 2019-01-21 / 2019-01-26
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.3005 e
created : 2023-08-21T14:43:32

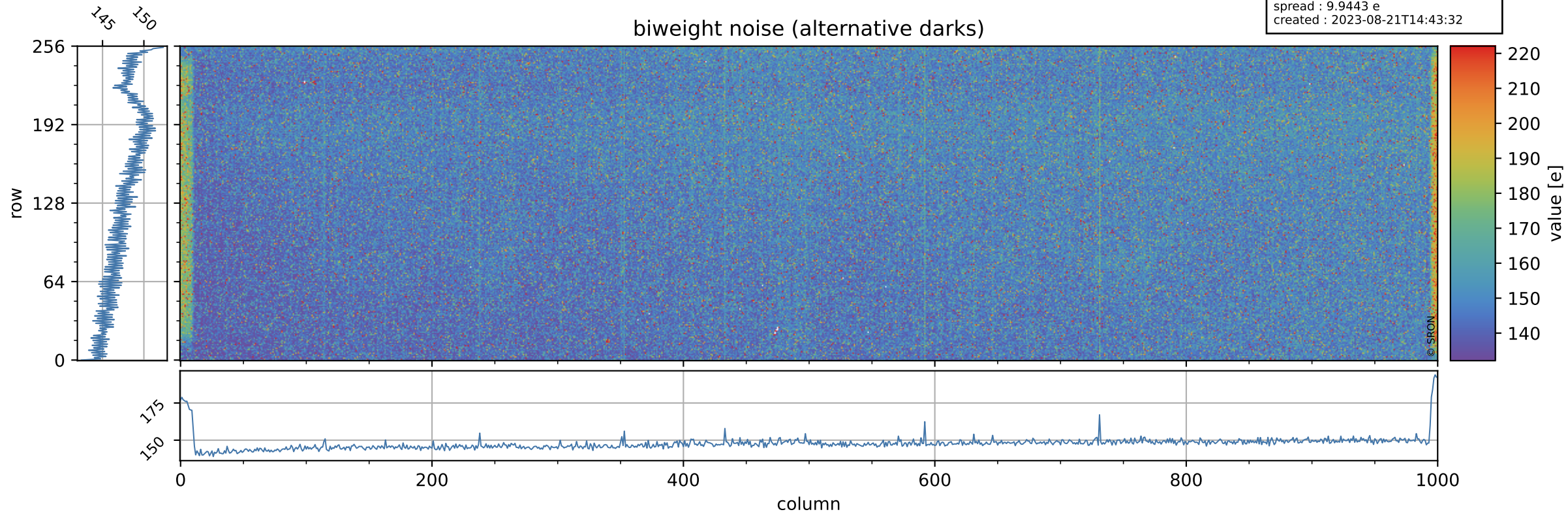
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6607, 6682]
coverage : 2019-01-21 / 2019-01-26
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9443 e
created : 2023-08-21T14:43:32

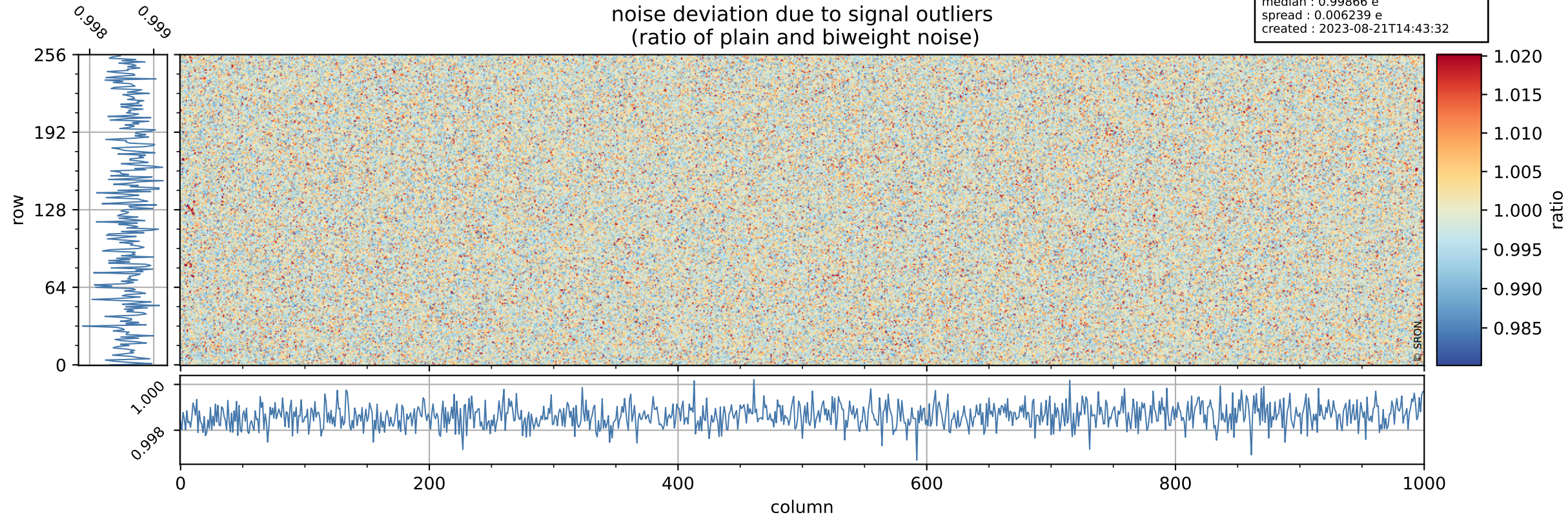
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

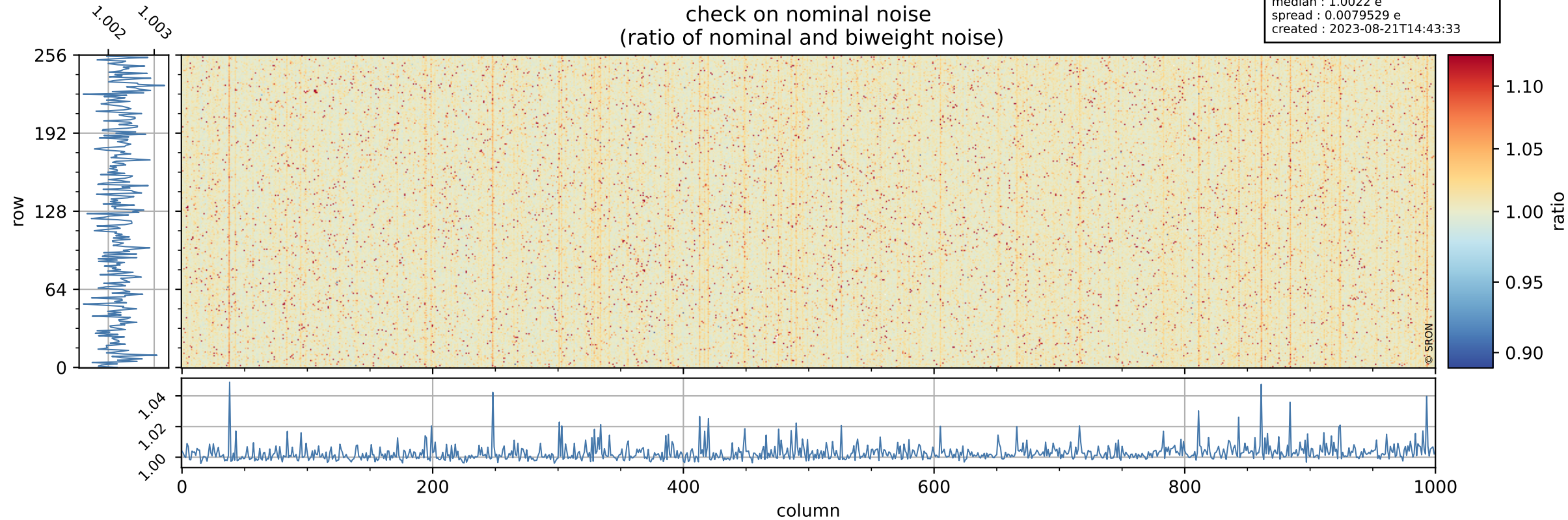
orbits : 12 in [6607, 6682]
coverage : 2019-01-21 / 2019-01-26
median : 0.99866 e
spread : 0.006239 e
created : 2023-08-21T14:43:32



Tropomi SWIR background noise (swir)

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

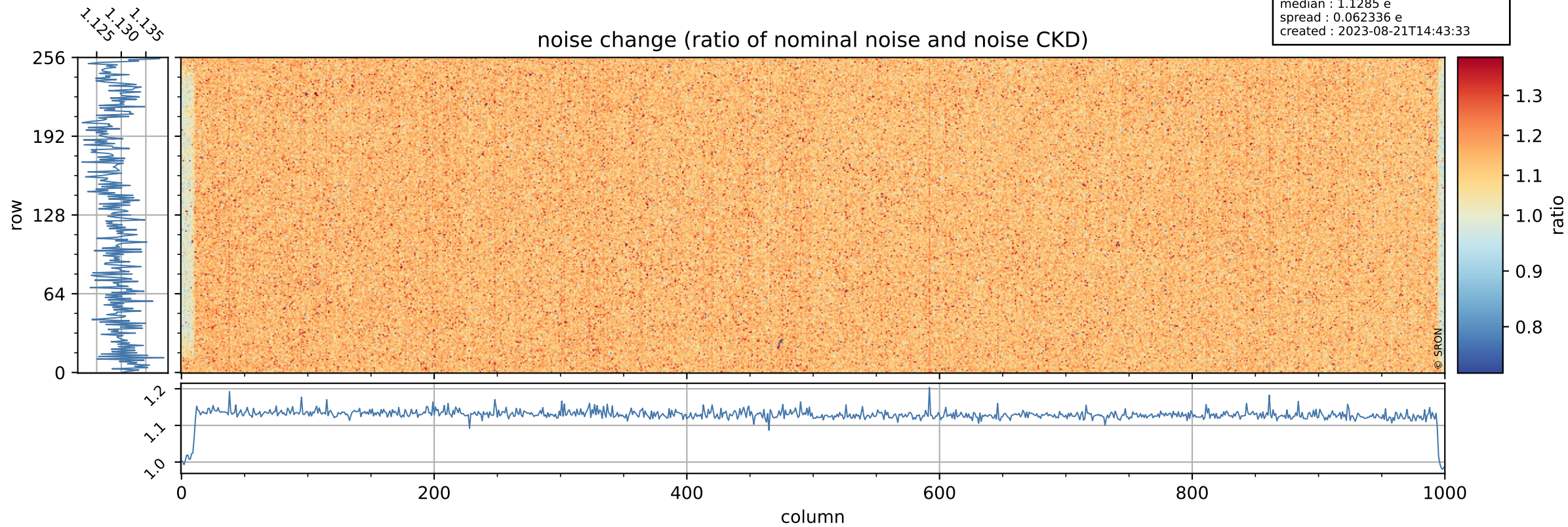
orbits : 12 in [6607, 6682]
coverage : 2019-01-21 / 2019-01-26
median : 1.0022 e
spread : 0.0079529 e
created : 2023-08-21T14:43:33



Tropomi SWIR background noise (swir)

orbits : 12 in [6607, 6682]
coverage : 2019-01-21 / 2019-01-26
median : 1.1285 e
spread : 0.062336 e
created : 2023-08-21T14:43:33

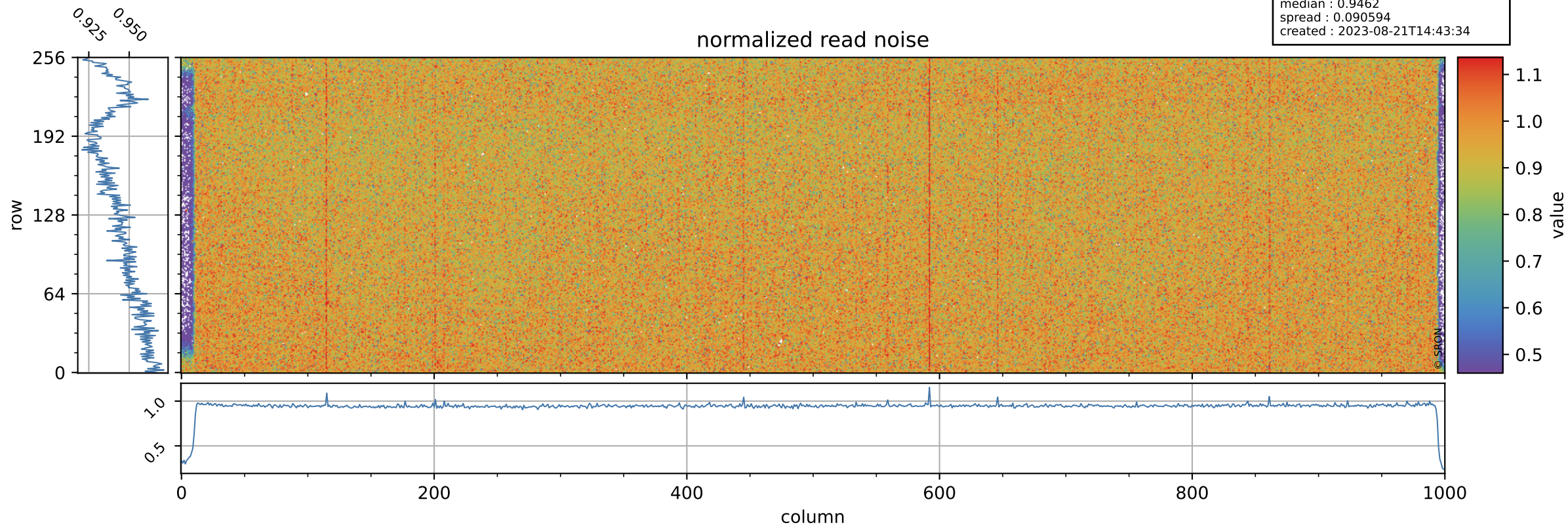
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

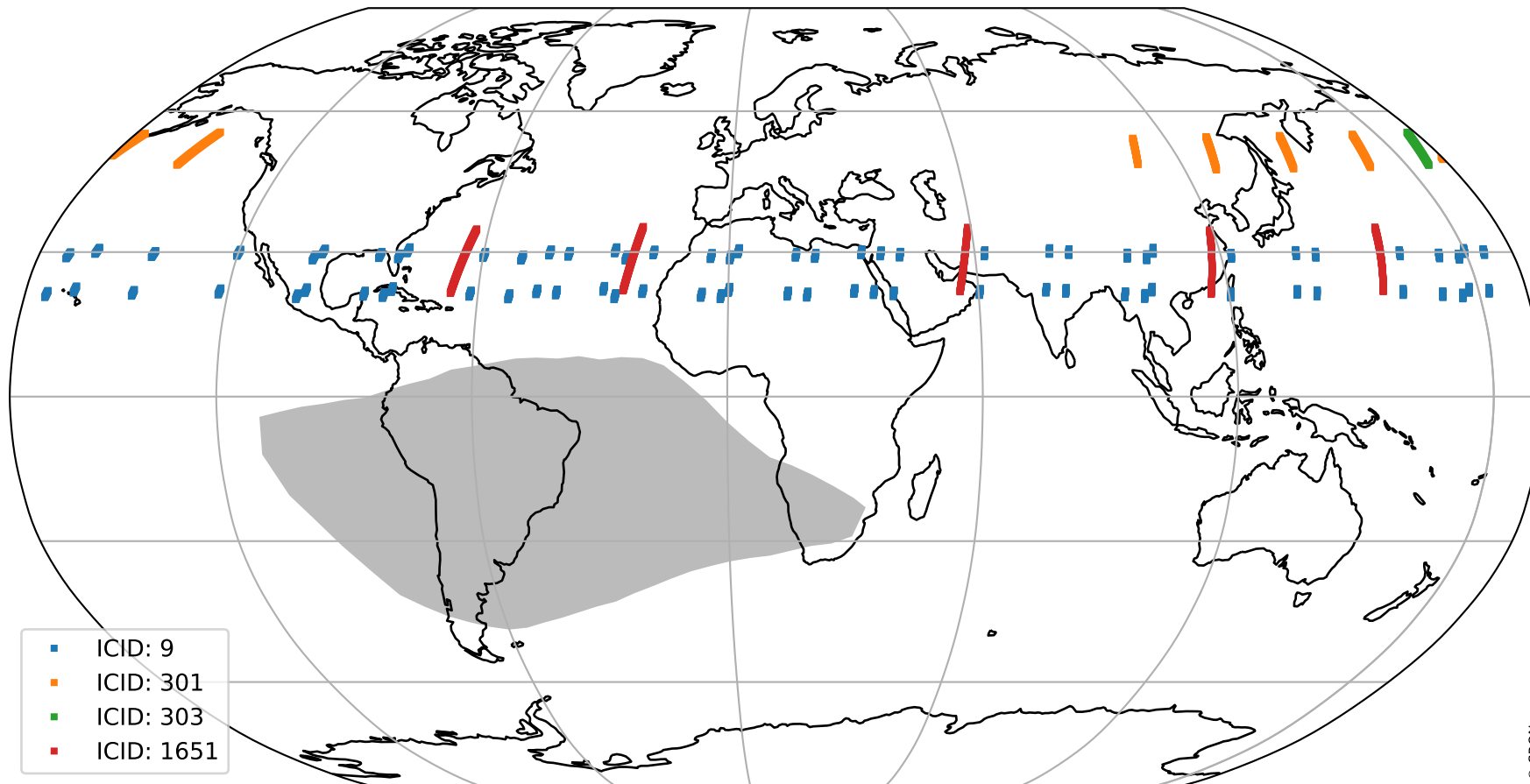
orbits : 12 in [6607, 6682]
coverage : 2019-01-21 / 2019-01-26
median : 0.9462
spread : 0.090594
created : 2023-08-21T14:43:34

normalized read noise



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

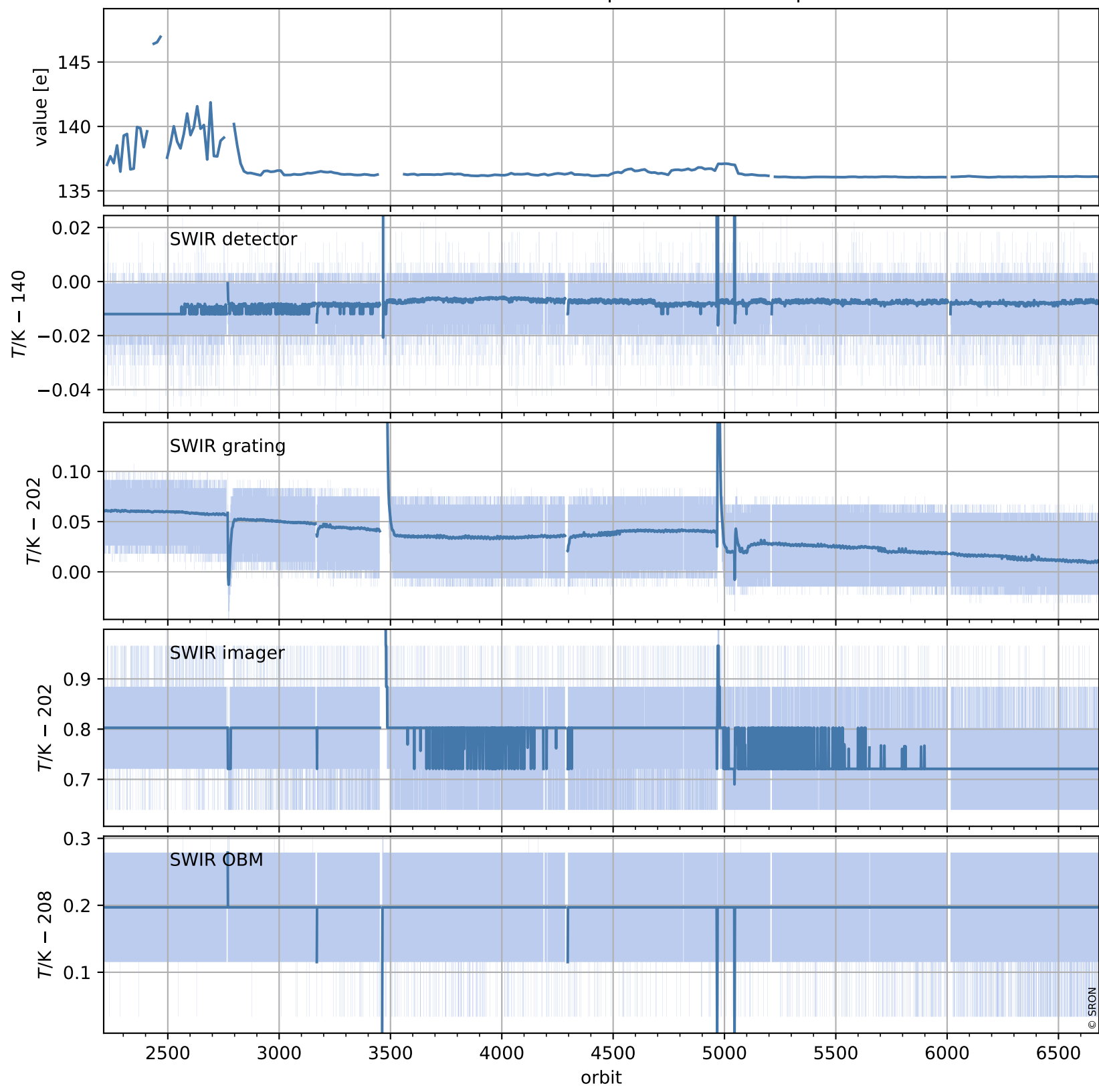
orbits : 12 in [6607, 6682]
coverage : 2019-01-21 / 2019-01-26
created : 2023-08-21T14:43:34



Tropomi SWIR background noise (swir)

orbits : [2212, 6682]
coverage : 2018-03-18 / 2019-01-26
created : 2023-08-21T14:43:34

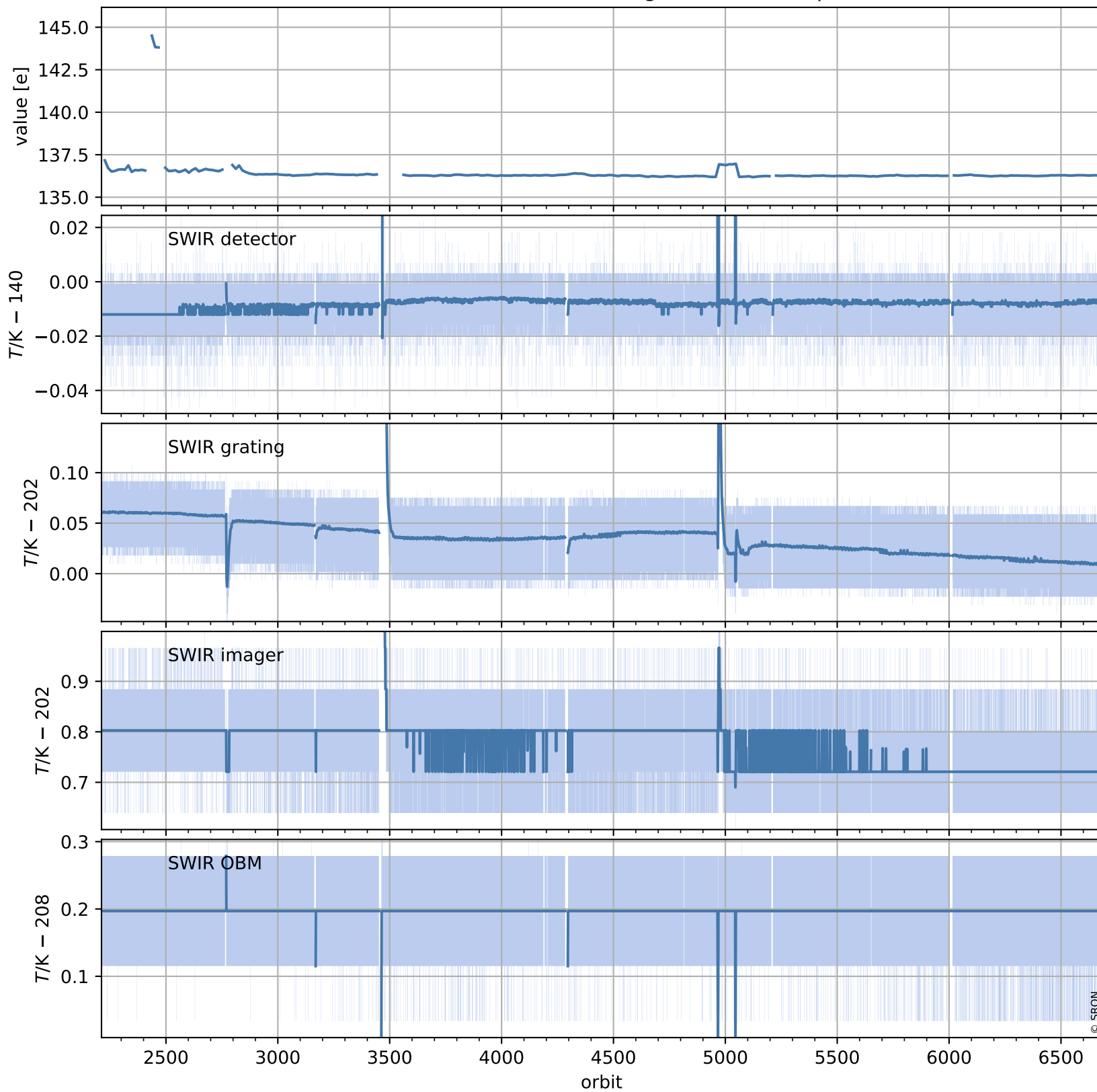
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6682]
coverage : 2018-03-18 / 2019-01-26
created : 2023-08-21T14:43:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6682]
coverage : 2018-03-18 / 2019-01-26
created : 2023-08-21T14:43:36

trend of normalized read-noise & temperatures

