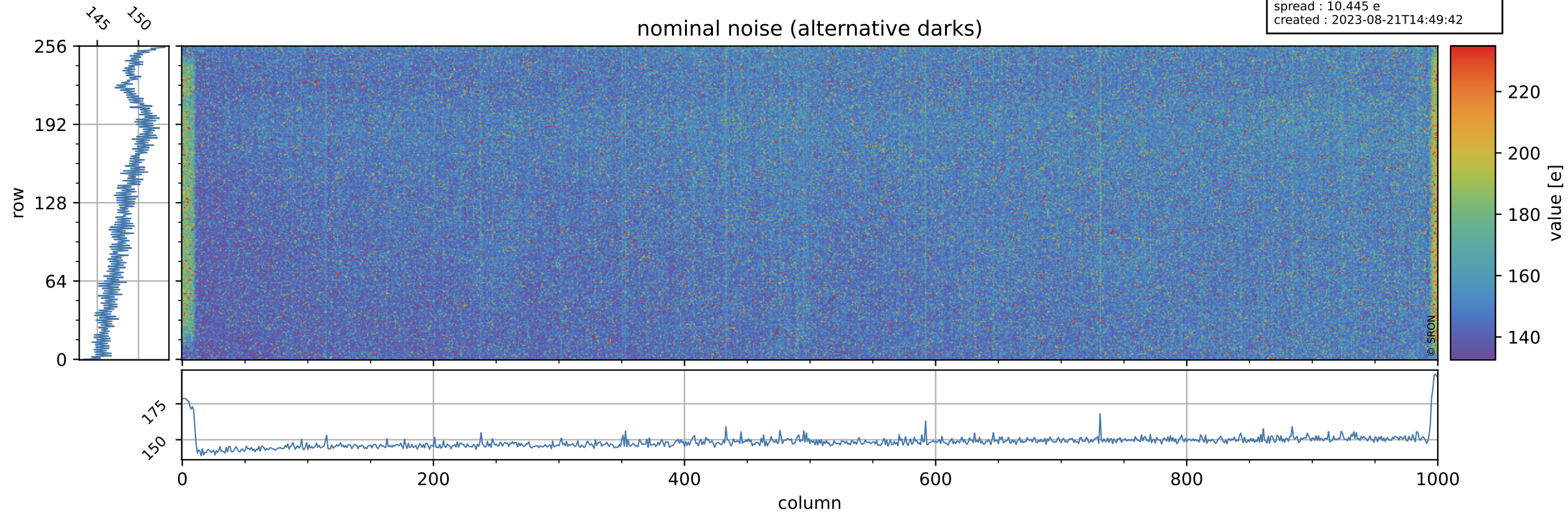


Tropomi SWIR background noise (swir)

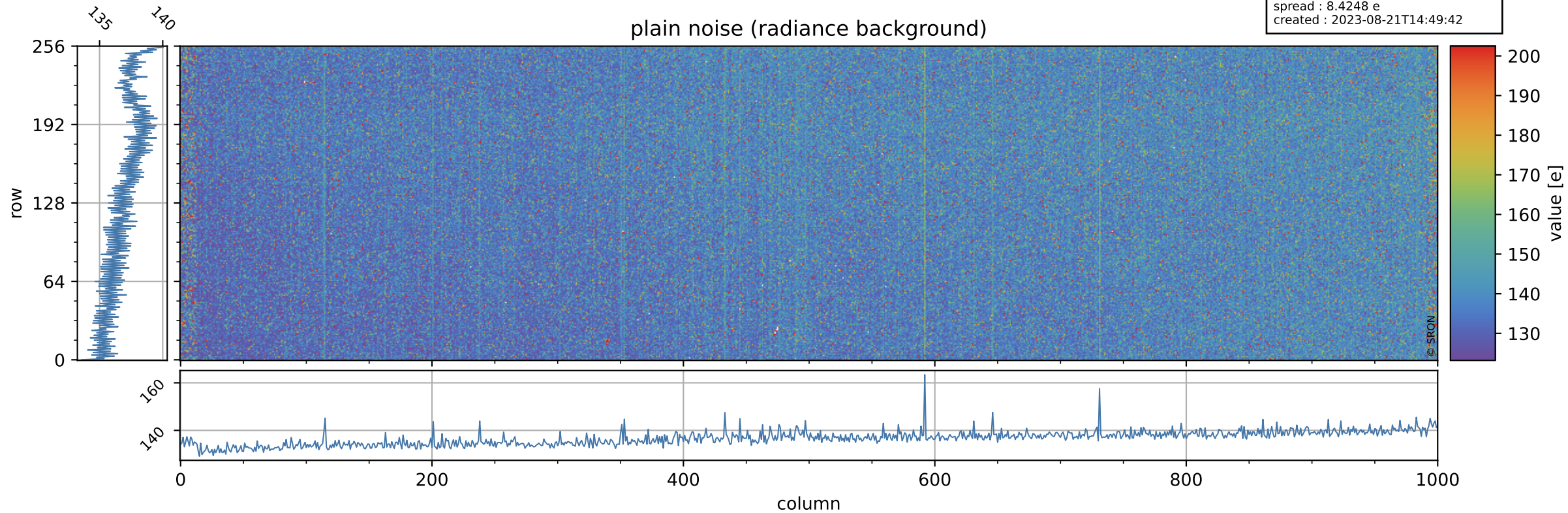
orbits : 13 in [7447, 7537]
coverage : 2019-03-22 / 2019-03-28
n_coad, t_exp : 1, 1.0783
median : 148.39 e
spread : 10.445 e
created : 2023-08-21T14:49:42



Tropomi SWIR background noise (swir)

orbits : 13 in [7447, 7537]
coverage : 2019-03-22 / 2019-03-28
n_coad, t_exp : 2, 0.5383
median : 136.8 e
spread : 8.4248 e
created : 2023-08-21T14:49:42

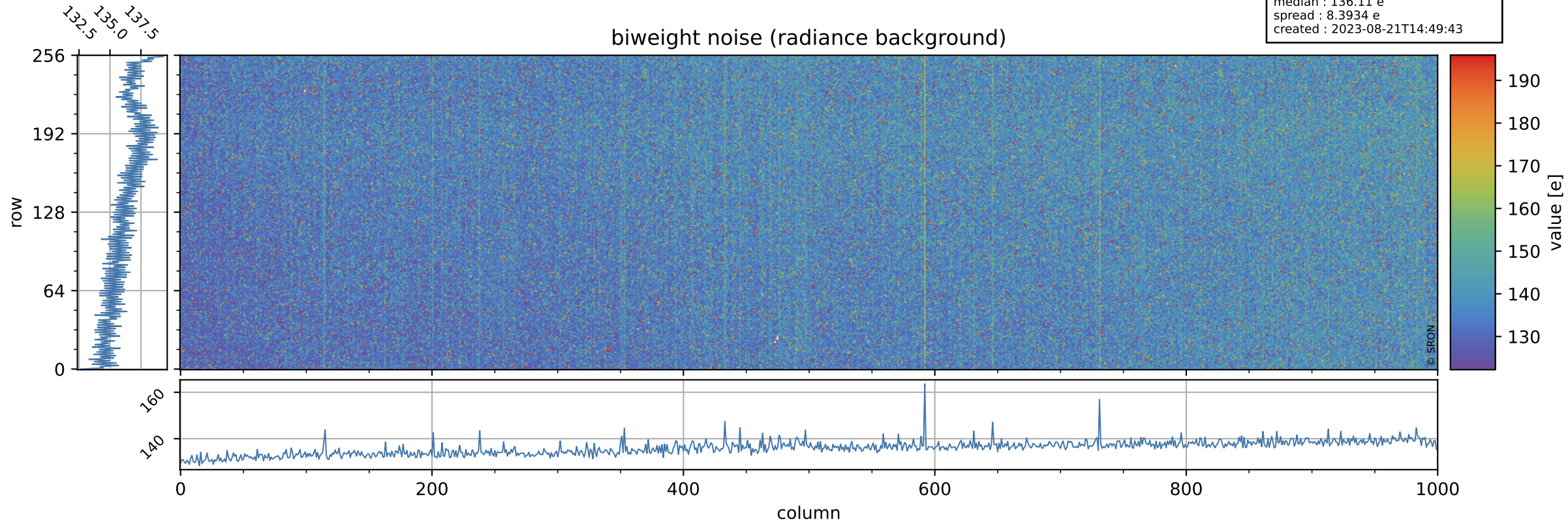
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7447, 7537]
coverage : 2019-03-22 / 2019-03-28
n_coad, t_exp : 2, 0.5383
median : 136.11 e
spread : 8.3934 e
created : 2023-08-21T14:49:43

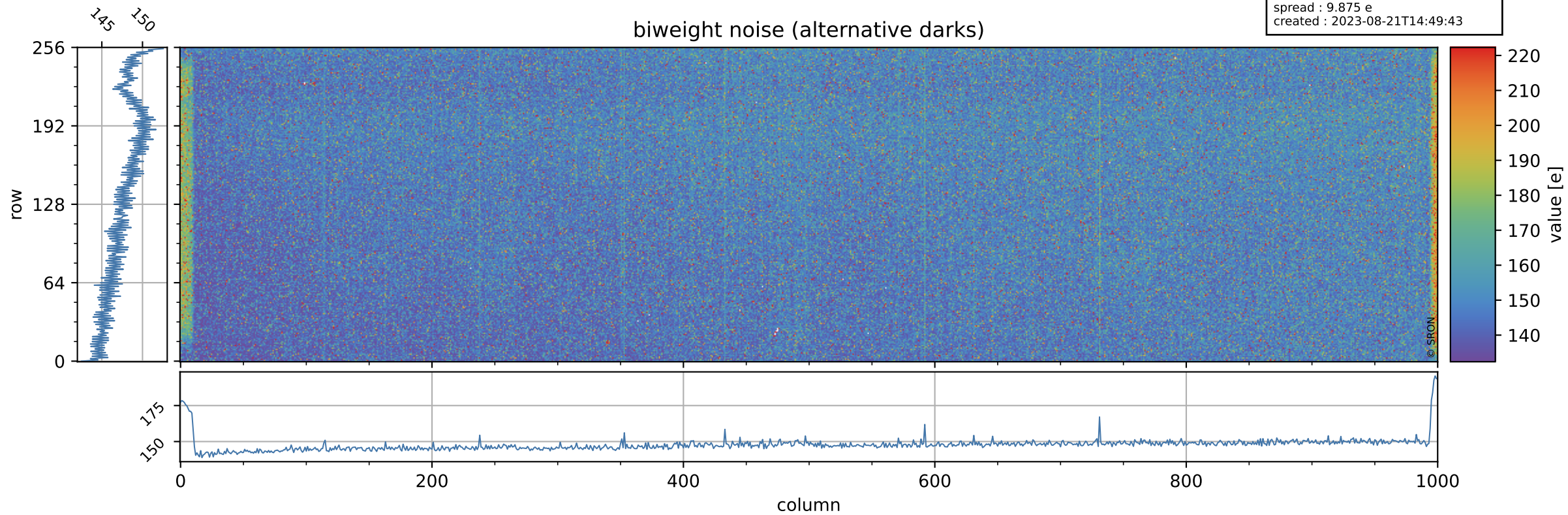
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7447, 7537]
coverage : 2019-03-22 / 2019-03-28
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.875 e
created : 2023-08-21T14:49:43

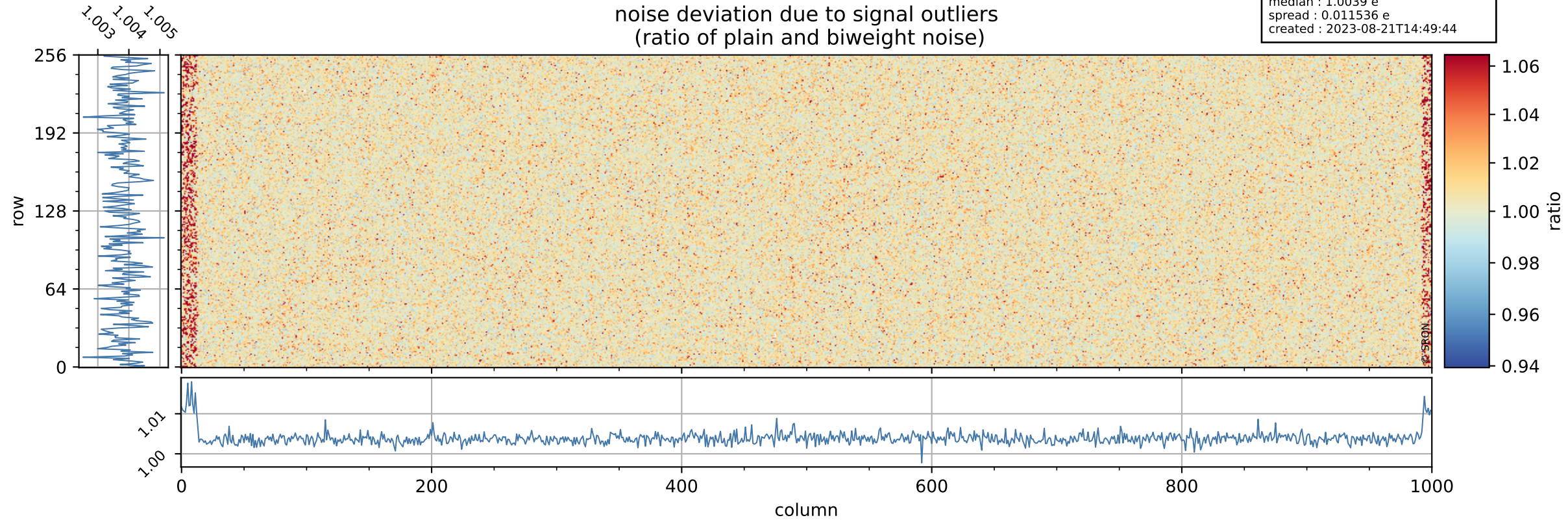
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

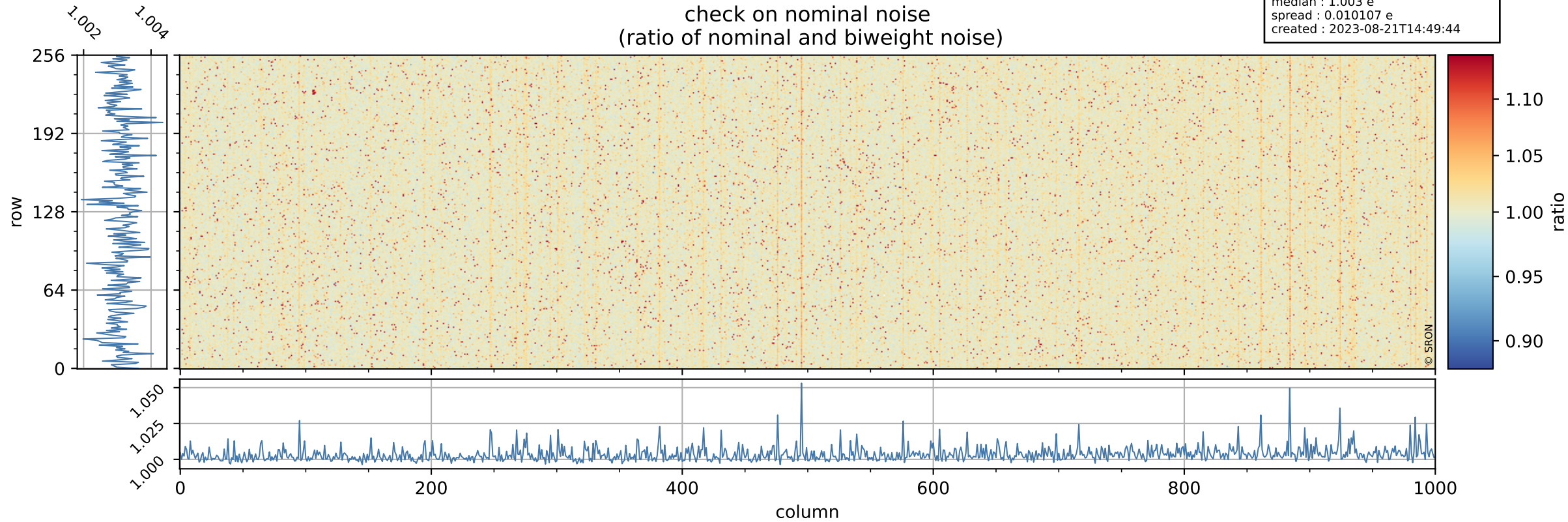
orbits : 13 in [7447, 7537]
coverage : 2019-03-22 / 2019-03-28
median : 1.0039 e
spread : 0.011536 e
created : 2023-08-21T14:49:44



Tropomi SWIR background noise (swir)

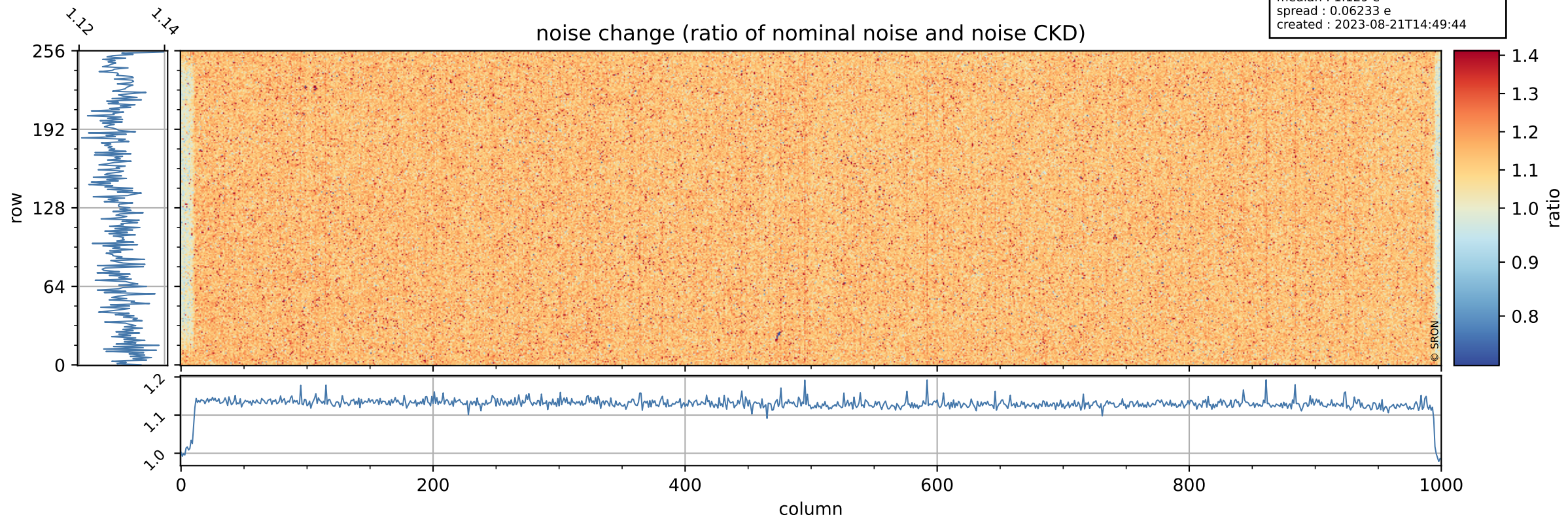
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [7447, 7537]
coverage : 2019-03-22 / 2019-03-28
median : 1.003 e
spread : 0.010107 e
created : 2023-08-21T14:49:44



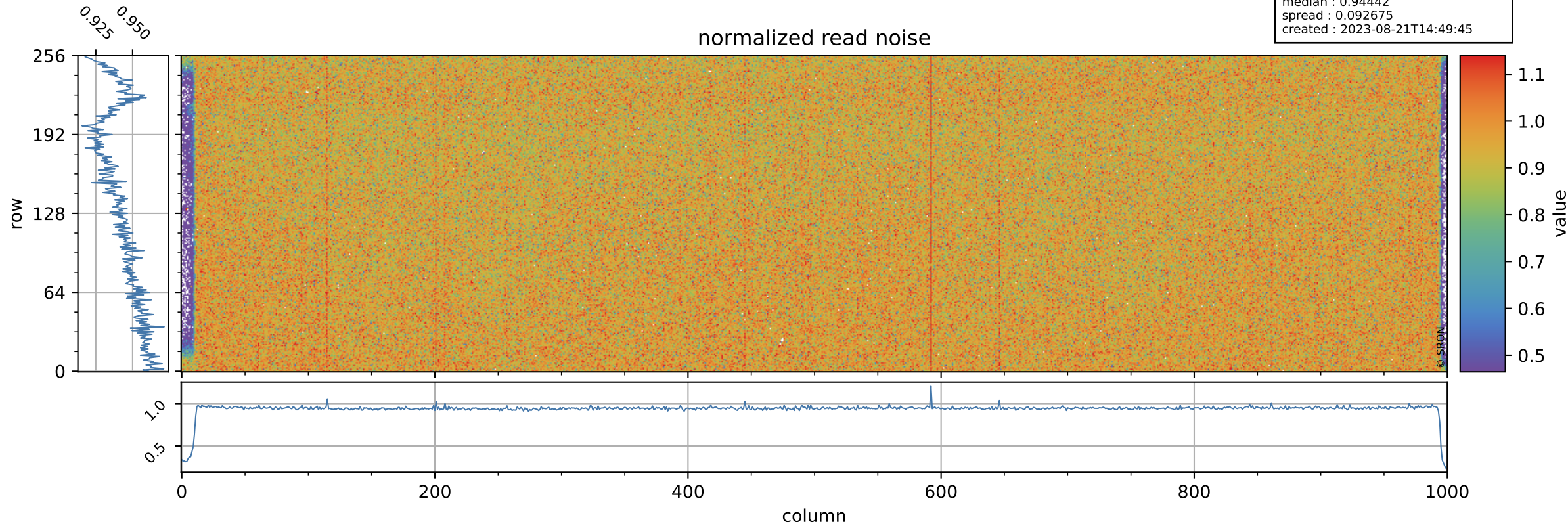
Tropomi SWIR background noise (swir)

orbits : 13 in [7447, 7537]
coverage : 2019-03-22 / 2019-03-28
median : 1.129 e
spread : 0.06233 e
created : 2023-08-21T14:49:44



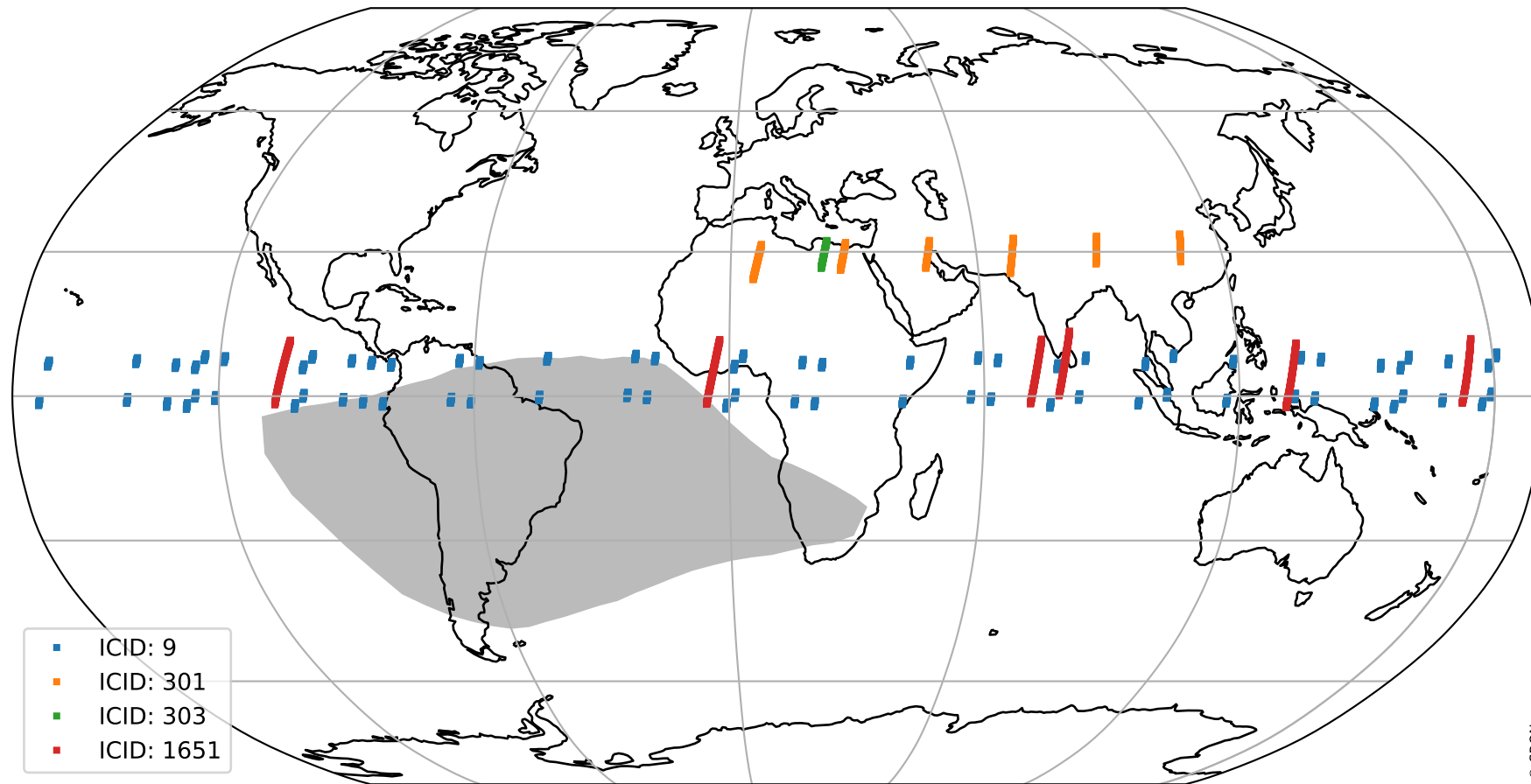
Tropomi SWIR background noise (swir)

orbits : 13 in [7447, 7537]
coverage : 2019-03-22 / 2019-03-28
median : 0.94442
spread : 0.092675
created : 2023-08-21T14:49:45



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

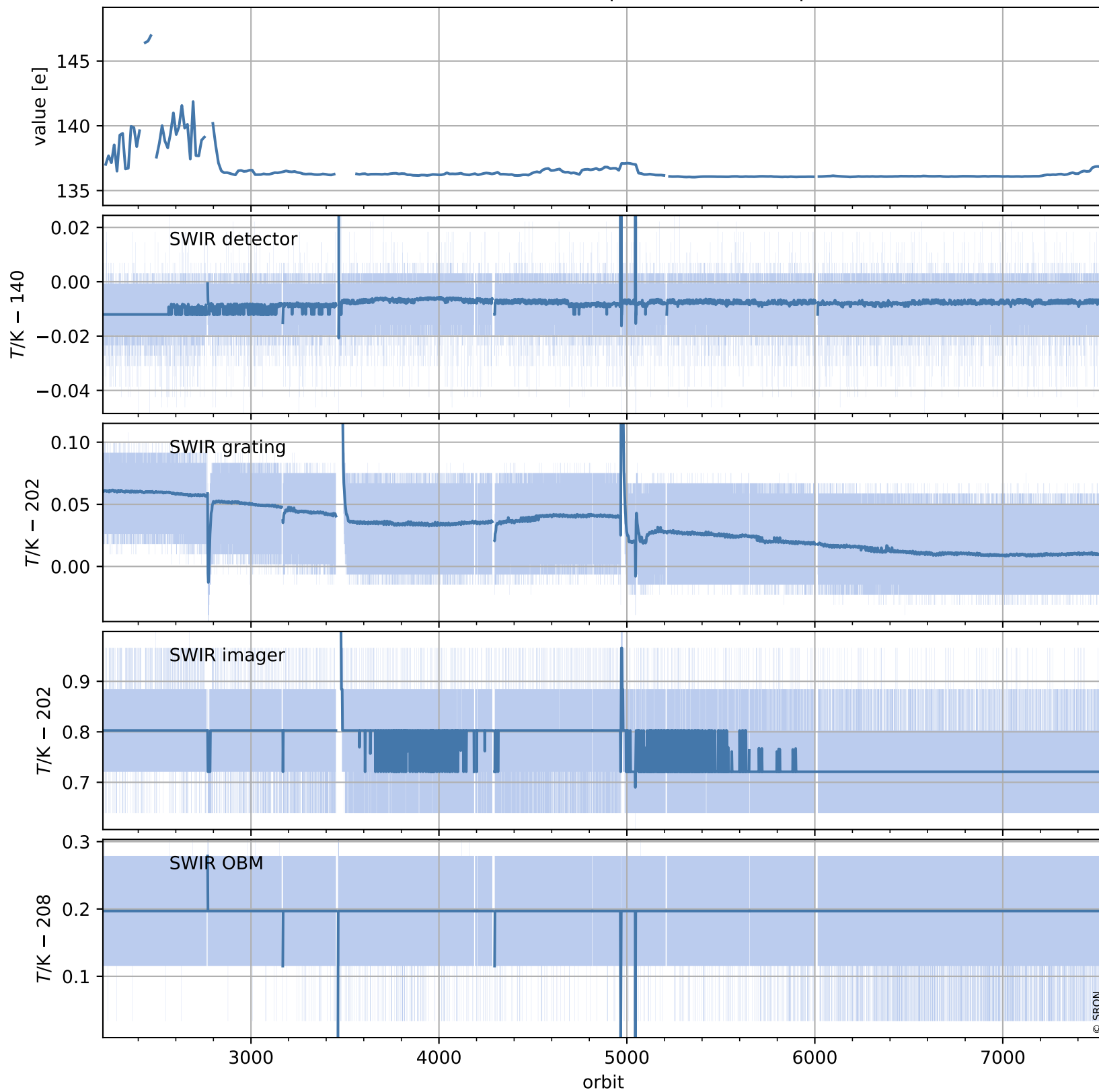
orbits : 13 in [7447, 7537]
coverage : 2019-03-22 / 2019-03-28
created : 2023-08-21T14:49:45



Tropomi SWIR background noise (swir)

orbits : [2212, 7537]
coverage : 2018-03-18 / 2019-03-28
created : 2023-08-21T14:49:46

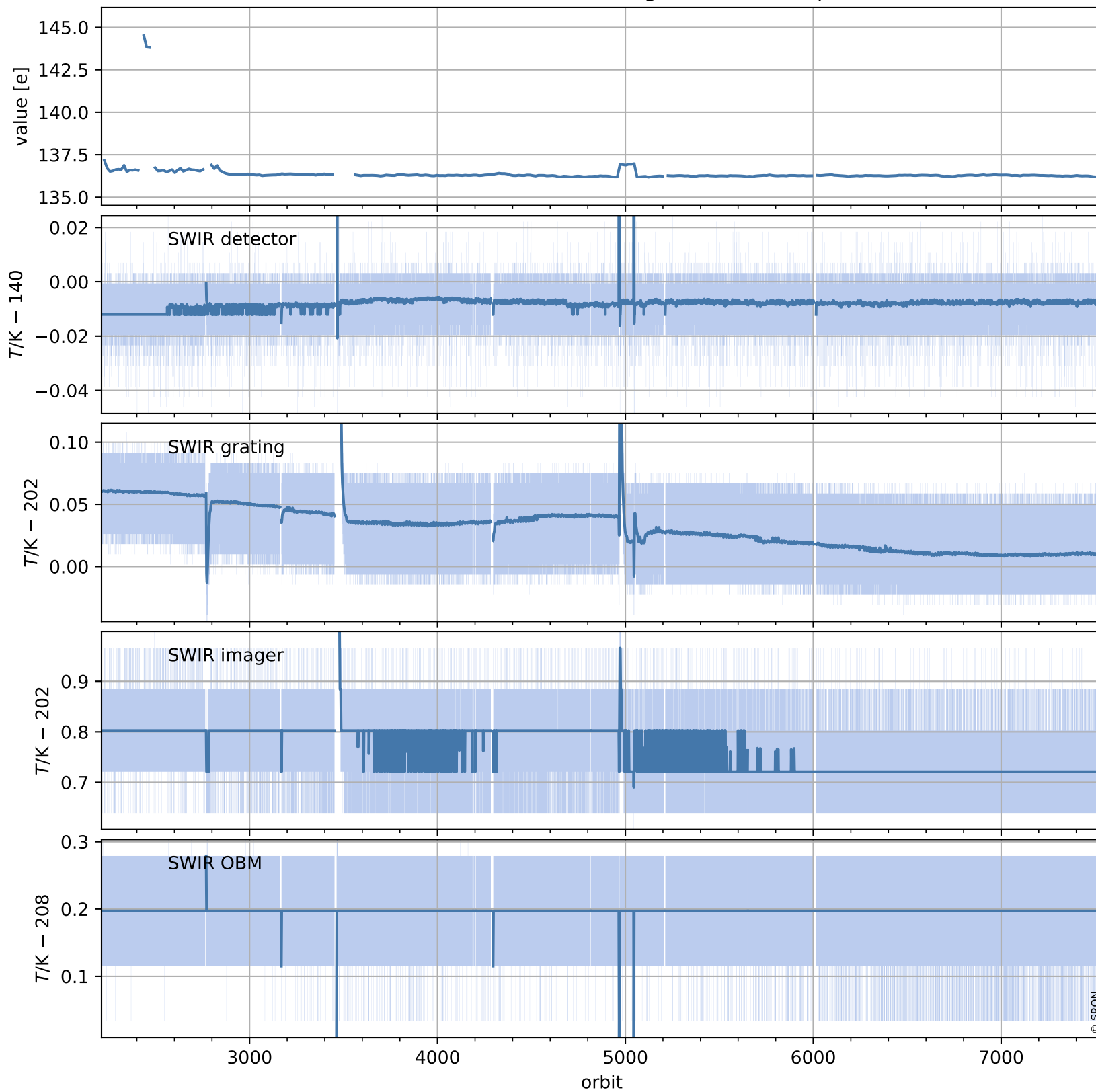
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7537]
coverage : 2018-03-18 / 2019-03-28
created : 2023-08-21T14:49:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7537]
coverage : 2018-03-18 / 2019-03-28
created : 2023-08-21T14:49:47

trend of normalized read-noise & temperatures

