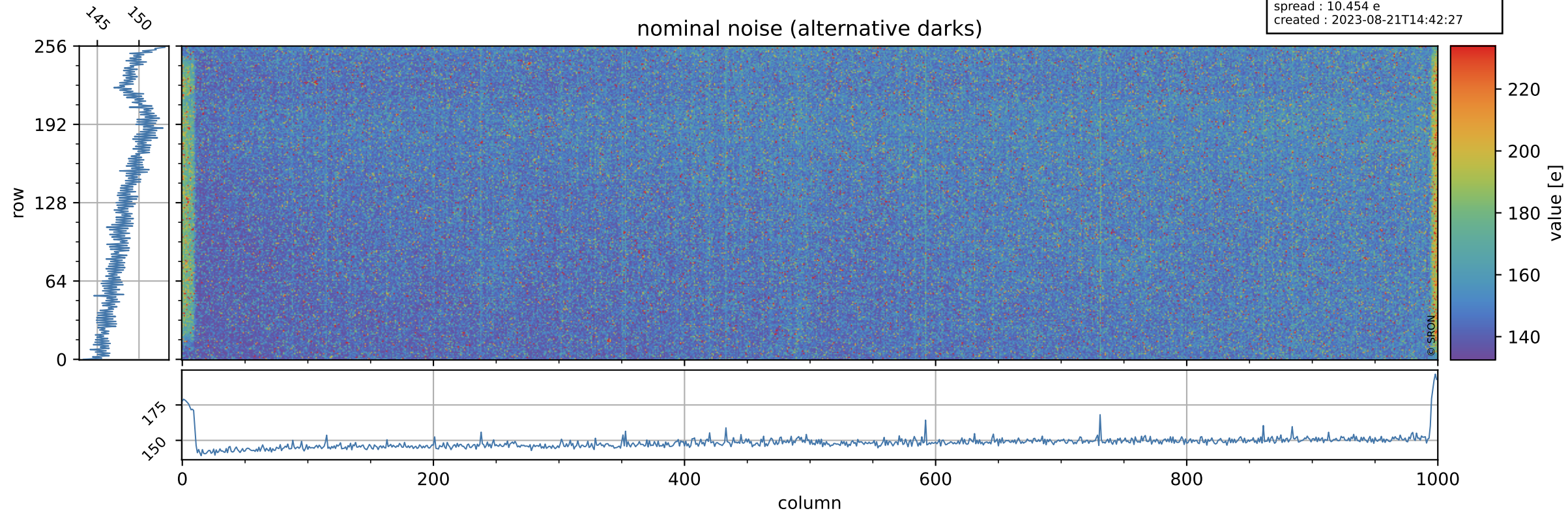


Tropomi SWIR background noise (swir)

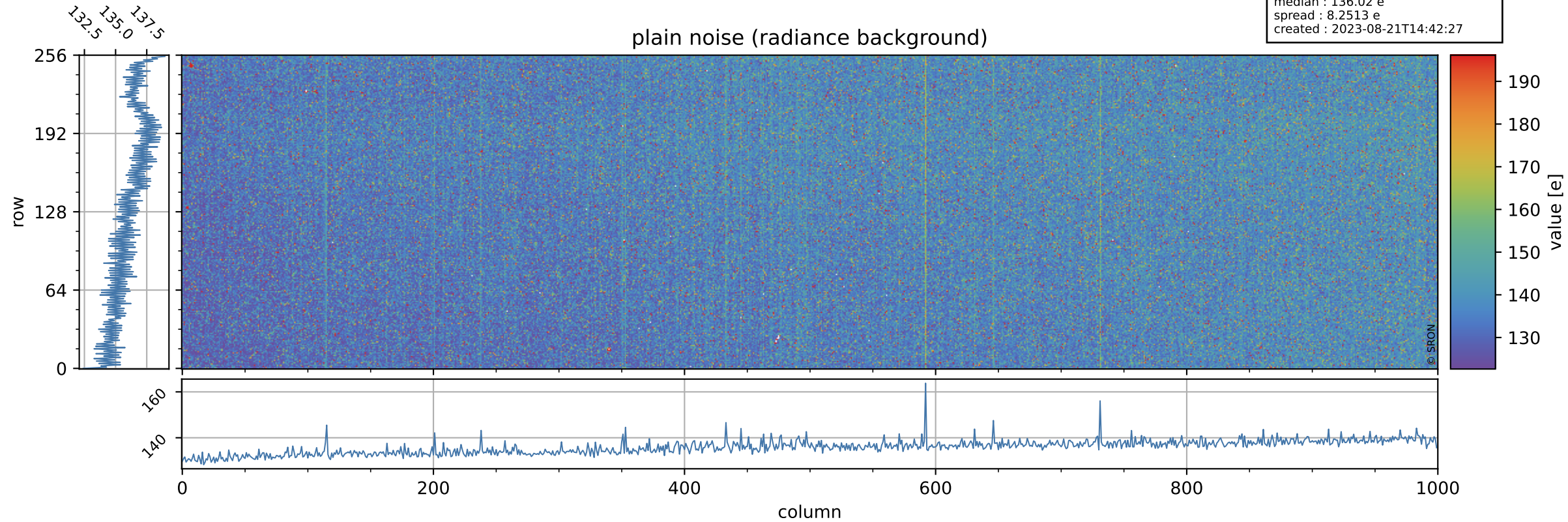
orbits : 12 in [6457, 6547]
coverage : 2019-01-11 / 2019-01-17
n_coad, t_exp : 1, 1.0783
median : 148.36 e
spread : 10.454 e
created : 2023-08-21T14:42:27



Tropomi SWIR background noise (swir)

orbits : 12 in [6457, 6547]
coverage : 2019-01-11 / 2019-01-17
n_coad, t_exp : 2, 0.5383
median : 136.02 e
spread : 8.2513 e
created : 2023-08-21T14:42:27

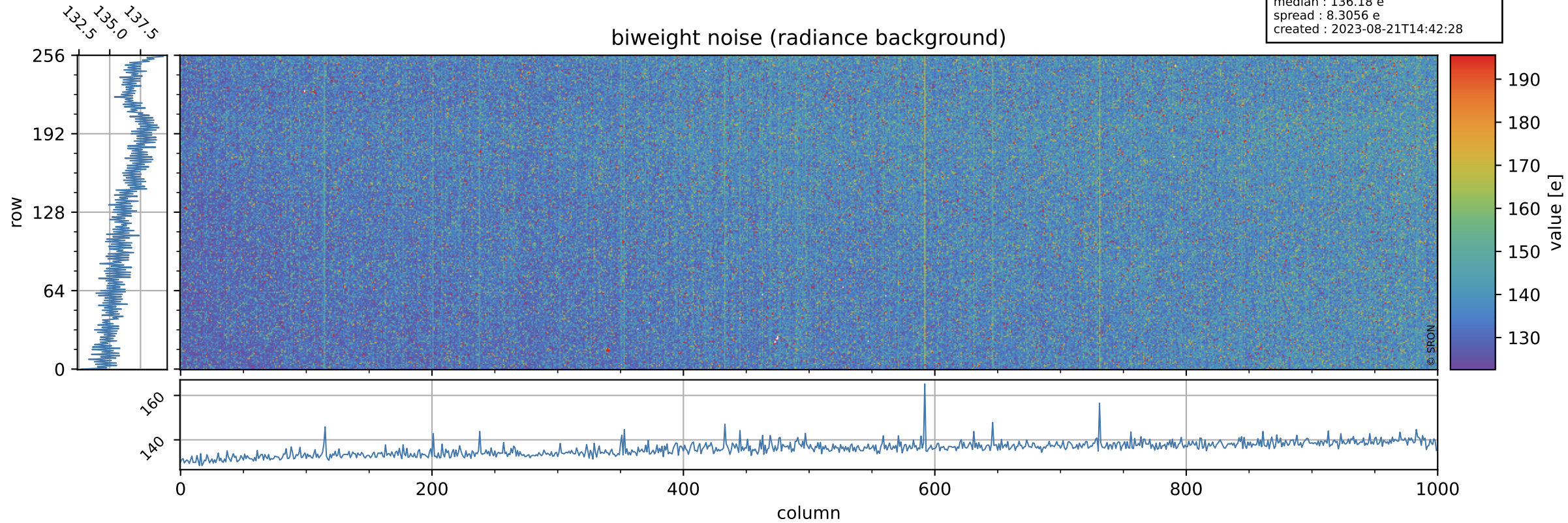
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6457, 6547]
coverage : 2019-01-11 / 2019-01-17
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.3056 e
created : 2023-08-21T14:42:28

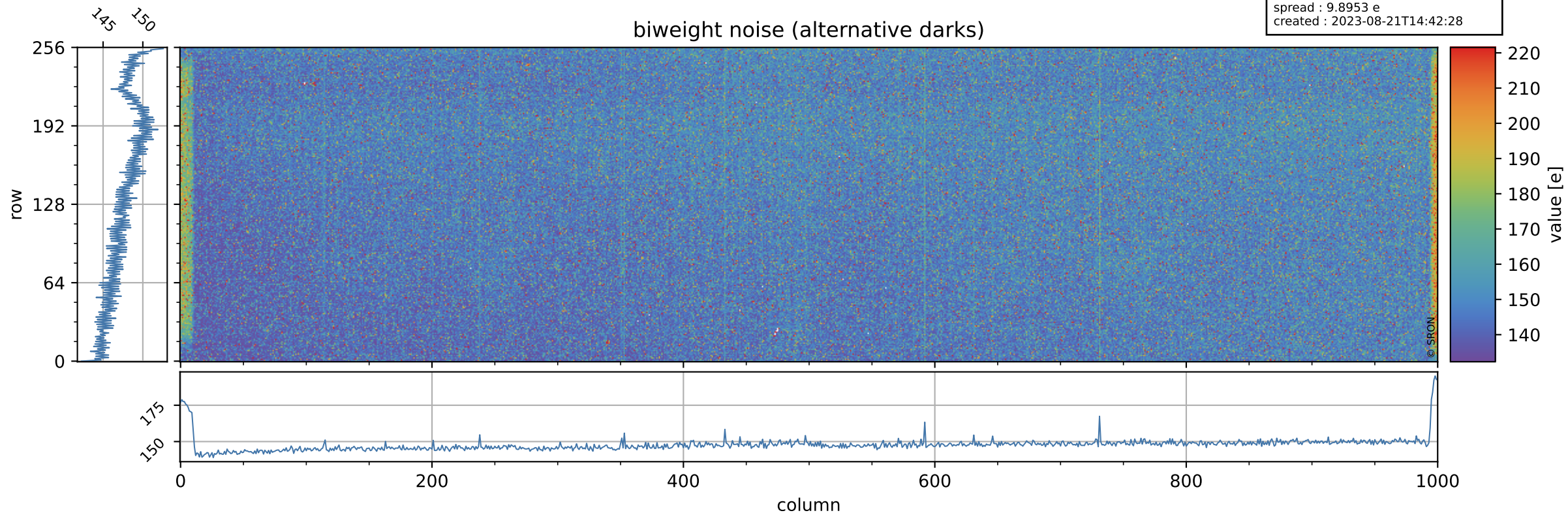
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6457, 6547]
coverage : 2019-01-11 / 2019-01-17
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 9.8953 e
created : 2023-08-21T14:42:28

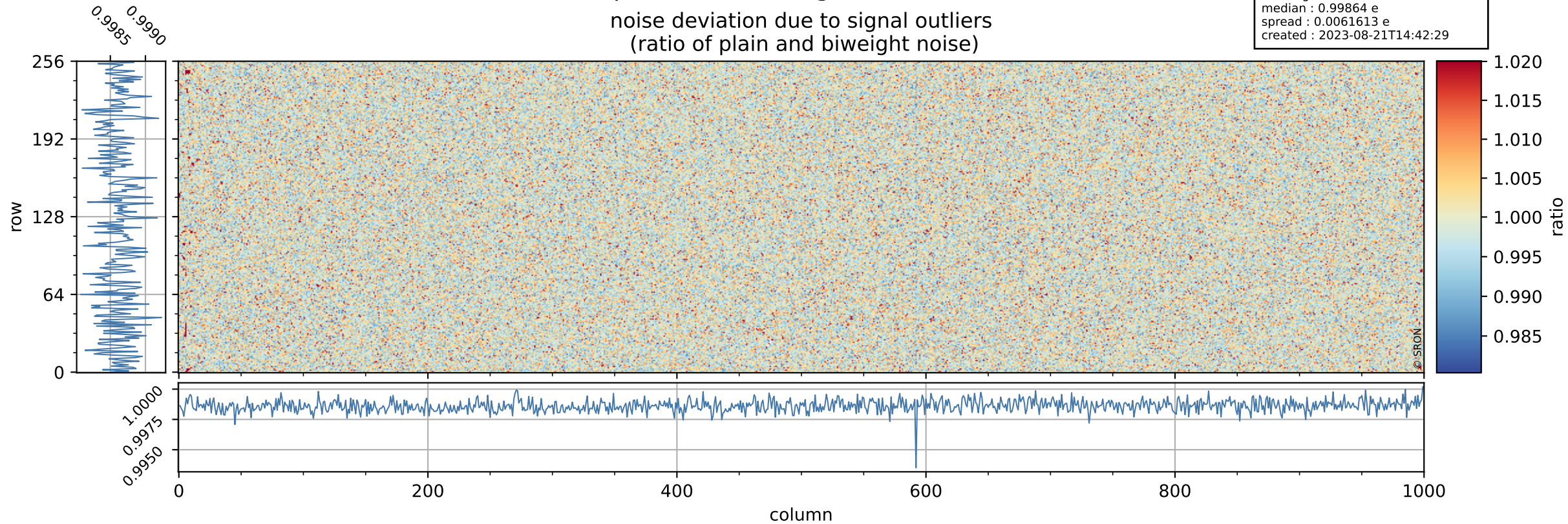
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

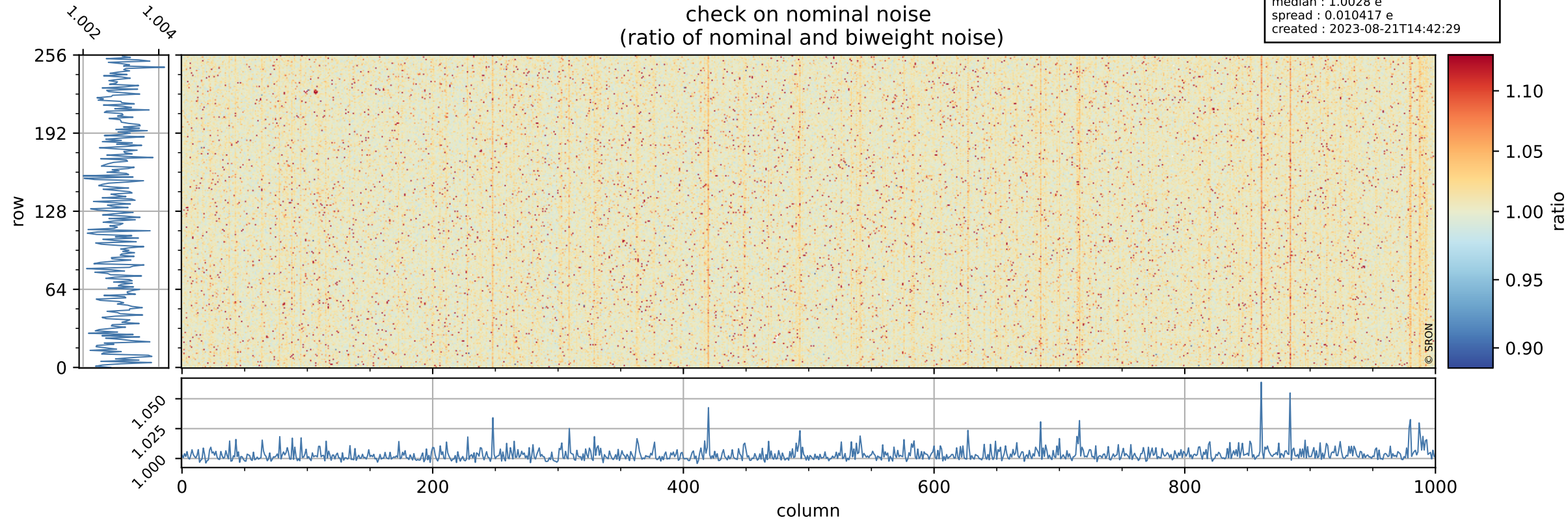
orbits : 12 in [6457, 6547]
coverage : 2019-01-11 / 2019-01-17
median : 0.99864 e
spread : 0.0061613 e
created : 2023-08-21T14:42:29



Tropomi SWIR background noise (swir)

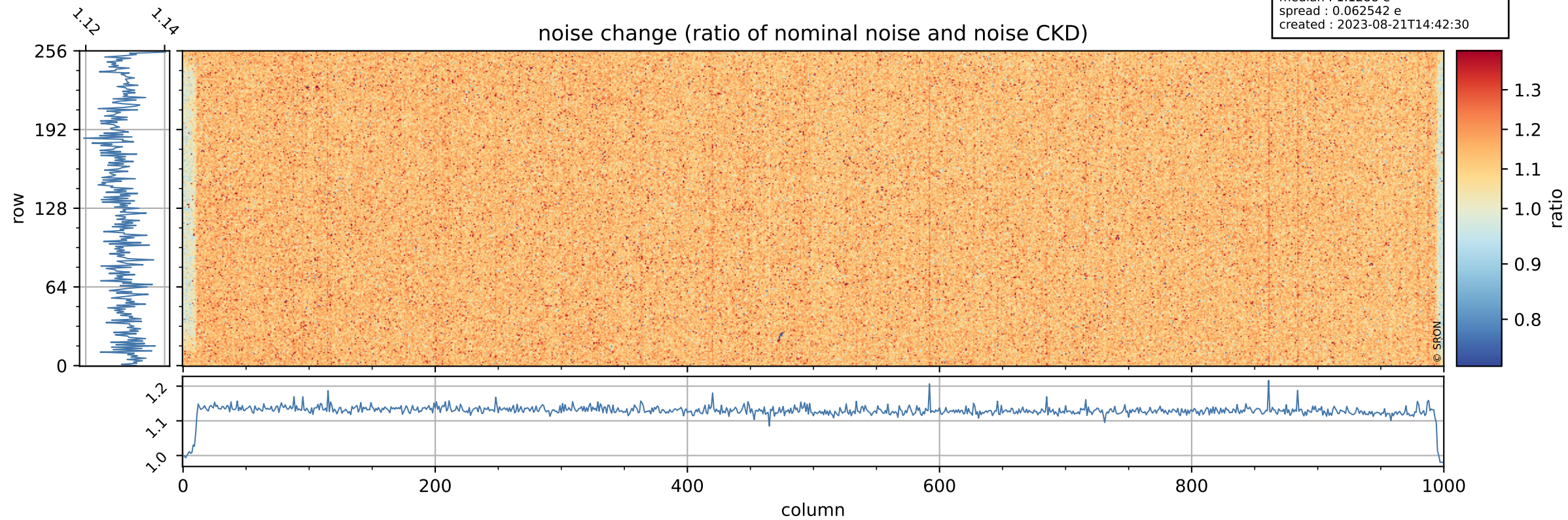
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6457, 6547]
coverage : 2019-01-11 / 2019-01-17
median : 1.0028 e
spread : 0.010417 e
created : 2023-08-21T14:42:29



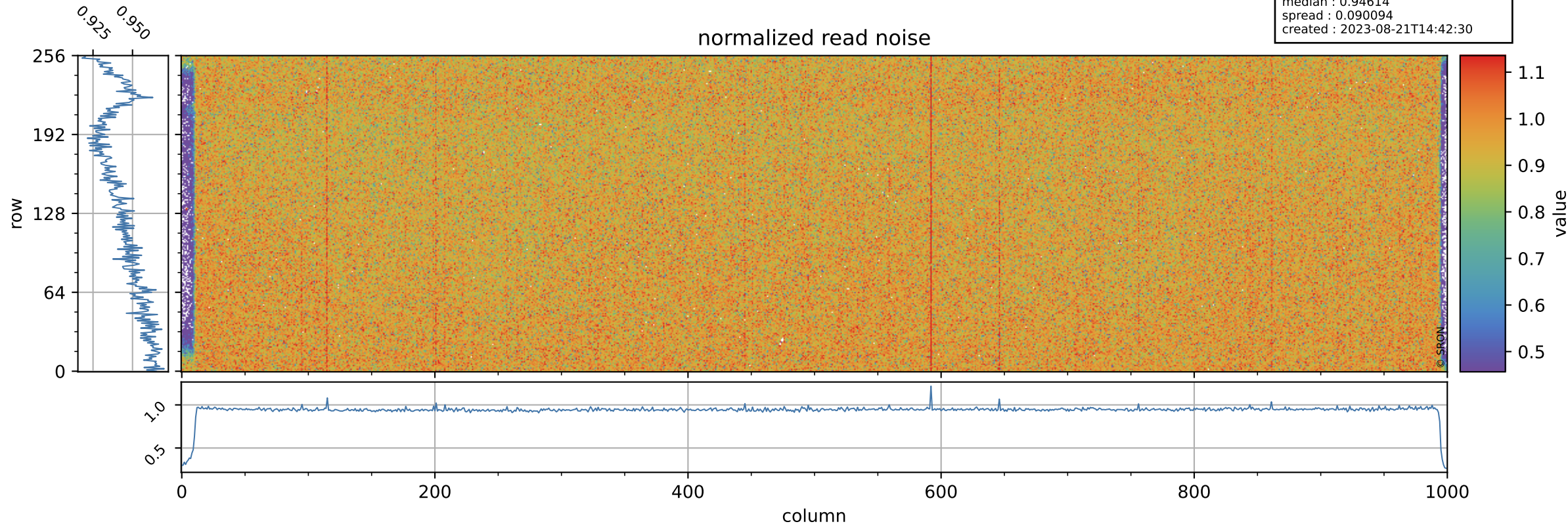
Tropomi SWIR background noise (swir)

orbits : 12 in [6457, 6547]
coverage : 2019-01-11 / 2019-01-17
median : 1.1288 e
spread : 0.062542 e
created : 2023-08-21T14:42:30



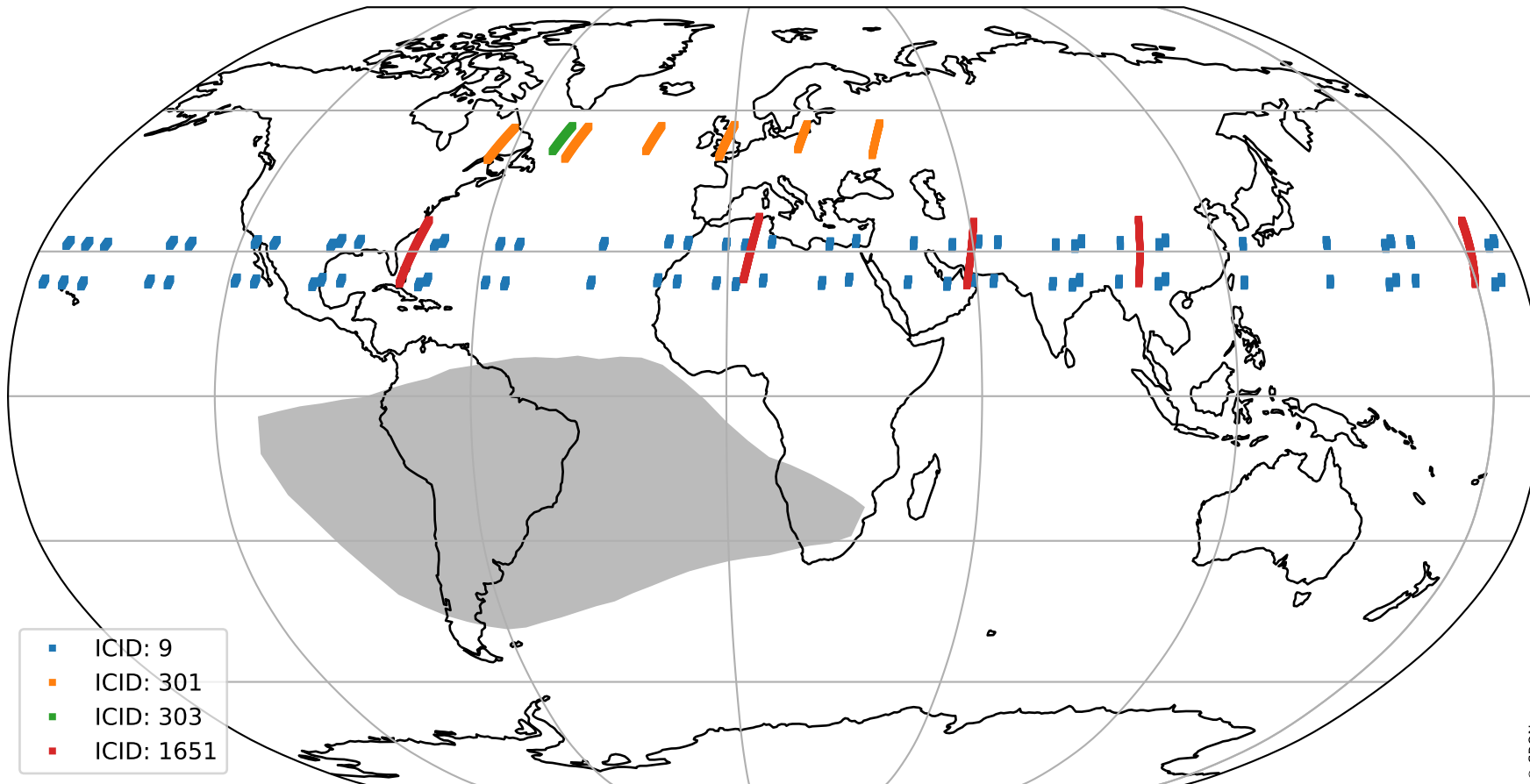
Tropomi SWIR background noise (swir)

orbits : 12 in [6457, 6547]
coverage : 2019-01-11 / 2019-01-17
median : 0.94614
spread : 0.090094
created : 2023-08-21T14:42:30



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

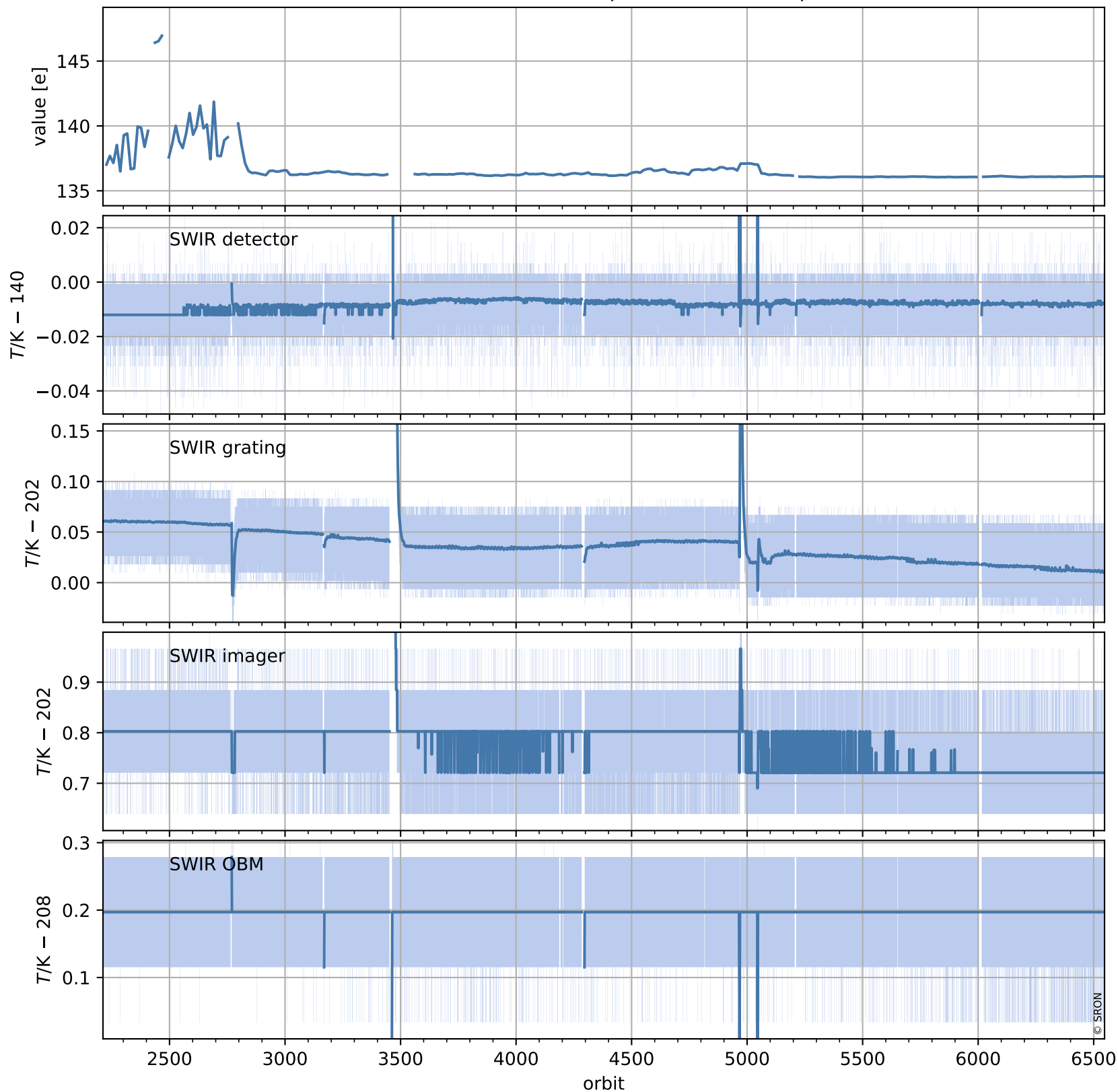
orbits : 12 in [6457, 6547]
coverage : 2019-01-11 / 2019-01-17
created : 2023-08-21T14:42:31



Tropomi SWIR background noise (swir)

orbits : [2212, 6547]
coverage : 2018-03-18 / 2019-01-17
created : 2023-08-21T14:42:31

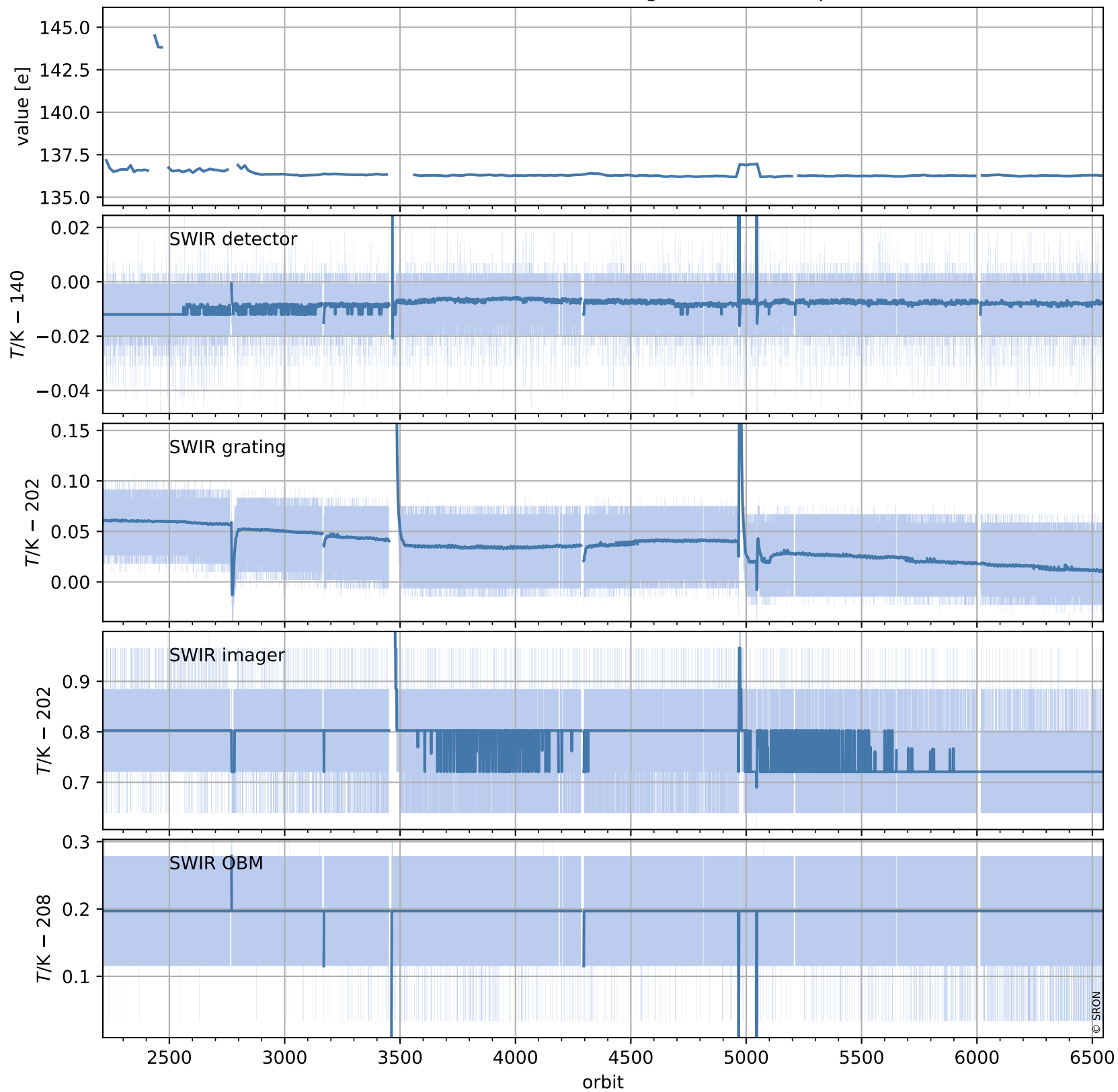
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6547]
coverage : 2018-03-18 / 2019-01-17
created : 2023-08-21T14:42:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6547]
coverage : 2018-03-18 / 2019-01-17
created : 2023-08-21T14:42:33

trend of normalized read-noise & temperatures

