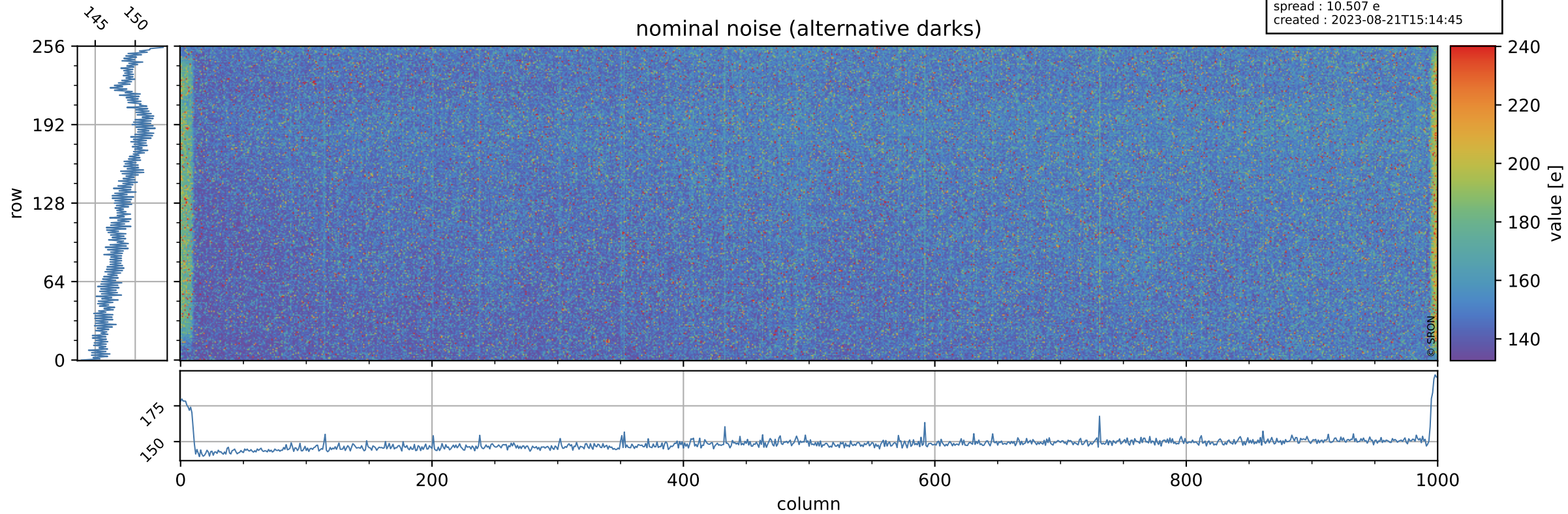


Tropomi SWIR background noise (swir)

orbits : 13 in [10687, 10777]
coverage : 2019-11-06 / 2019-11-12
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.507 e
created : 2023-08-21T15:14:45

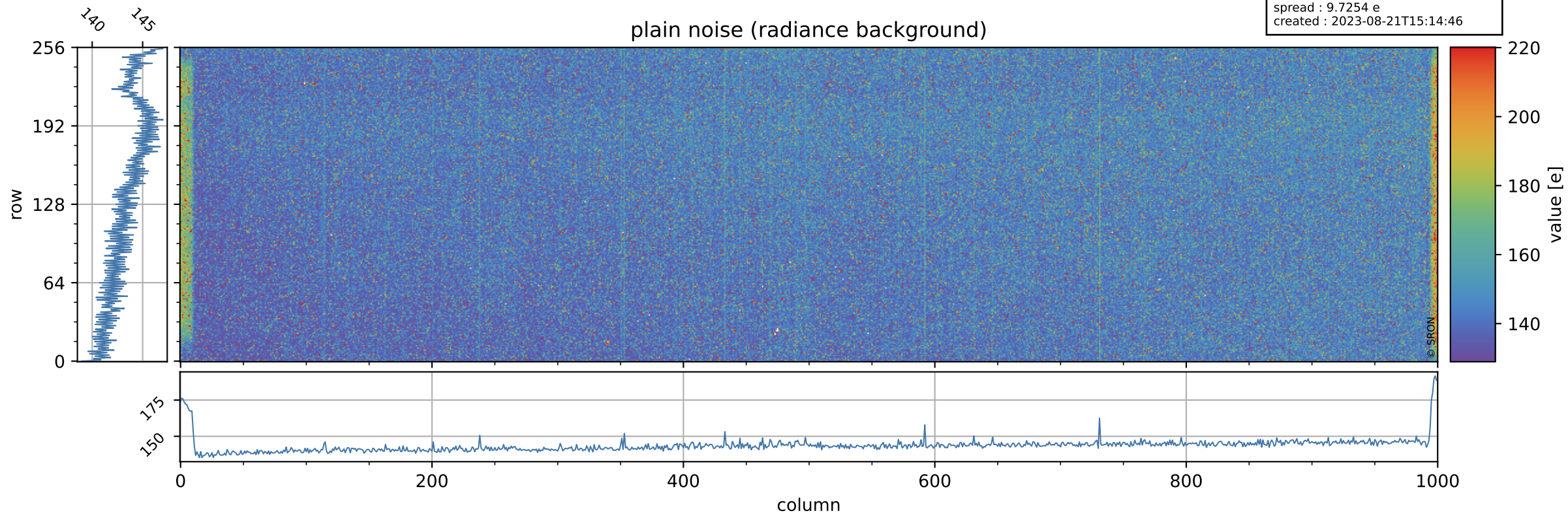
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [10687, 10777]
coverage : 2019-11-06 / 2019-11-12
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7254 e
created : 2023-08-21T15:14:46

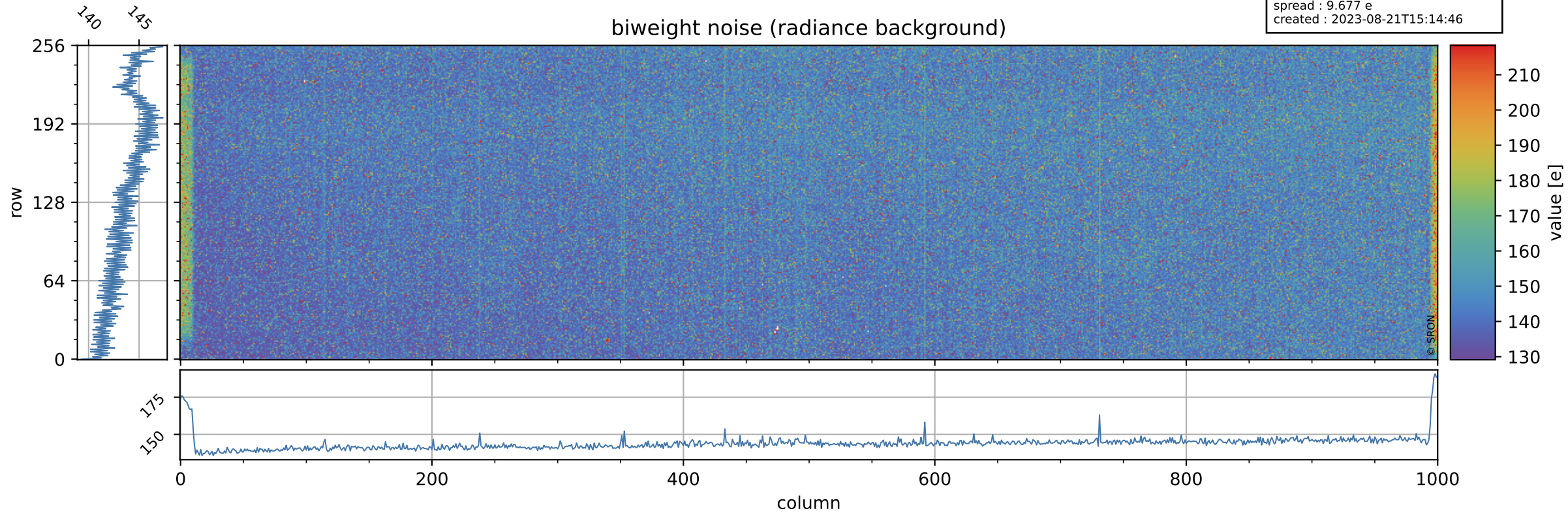
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [10687, 10777]
coverage : 2019-11-06 / 2019-11-12
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.677 e
created : 2023-08-21T15:14:46

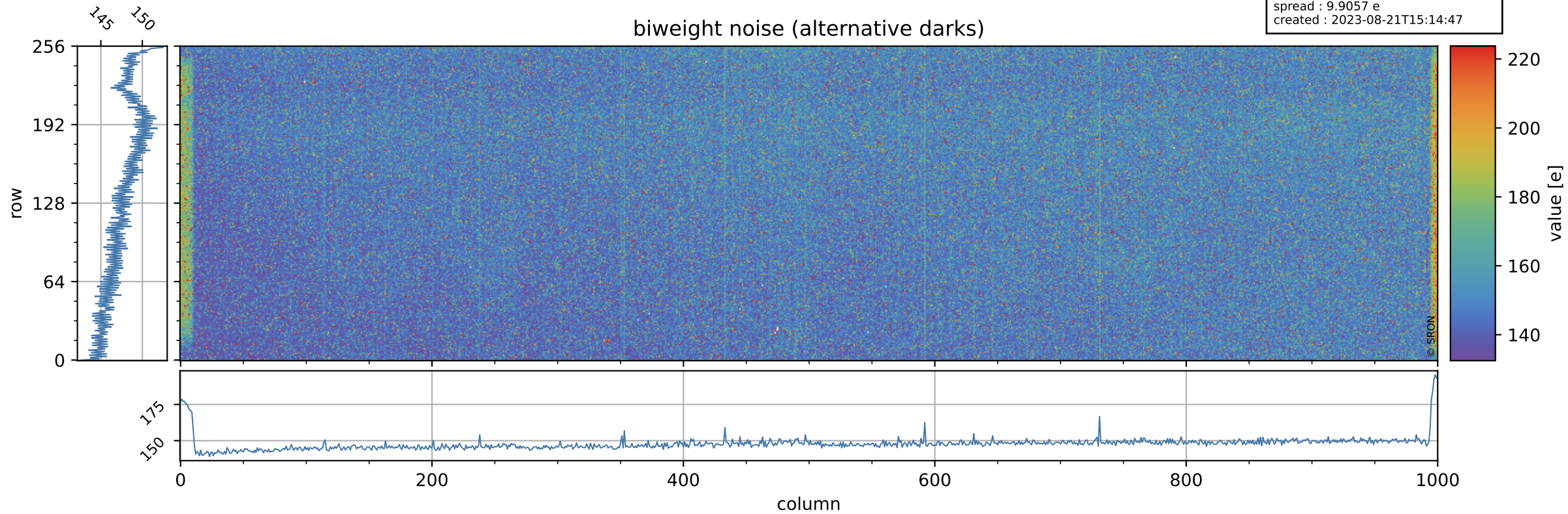
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [10687, 10777]
coverage : 2019-11-06 / 2019-11-12
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 9.9057 e
created : 2023-08-21T15:14:47

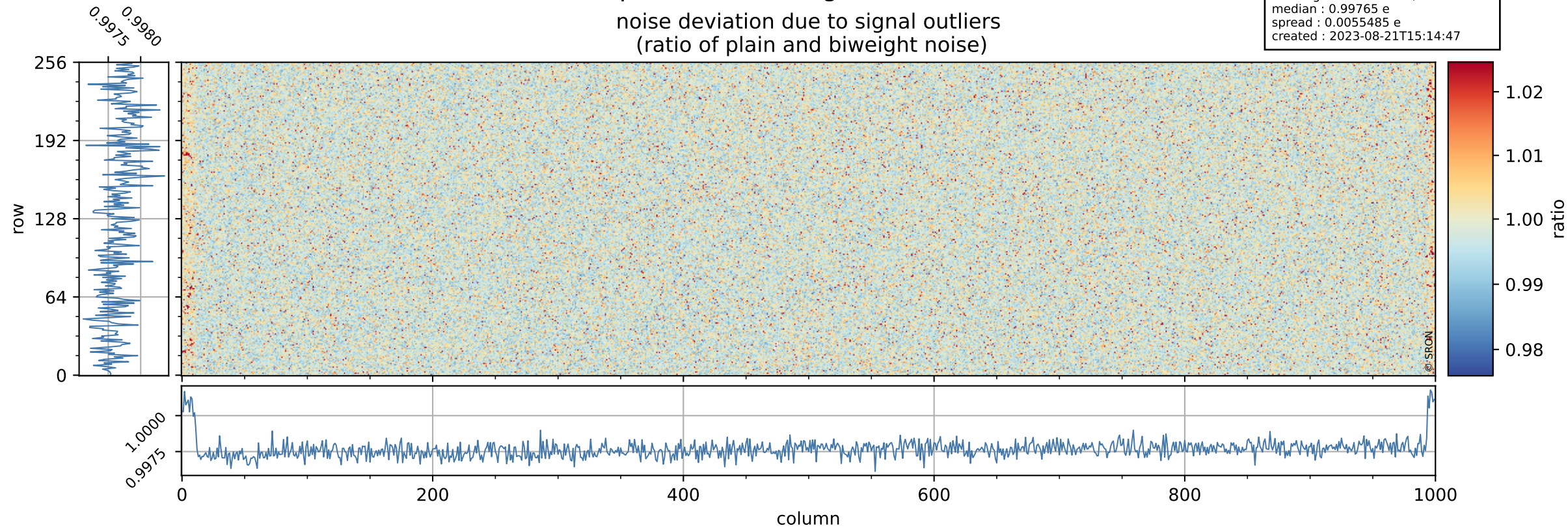
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

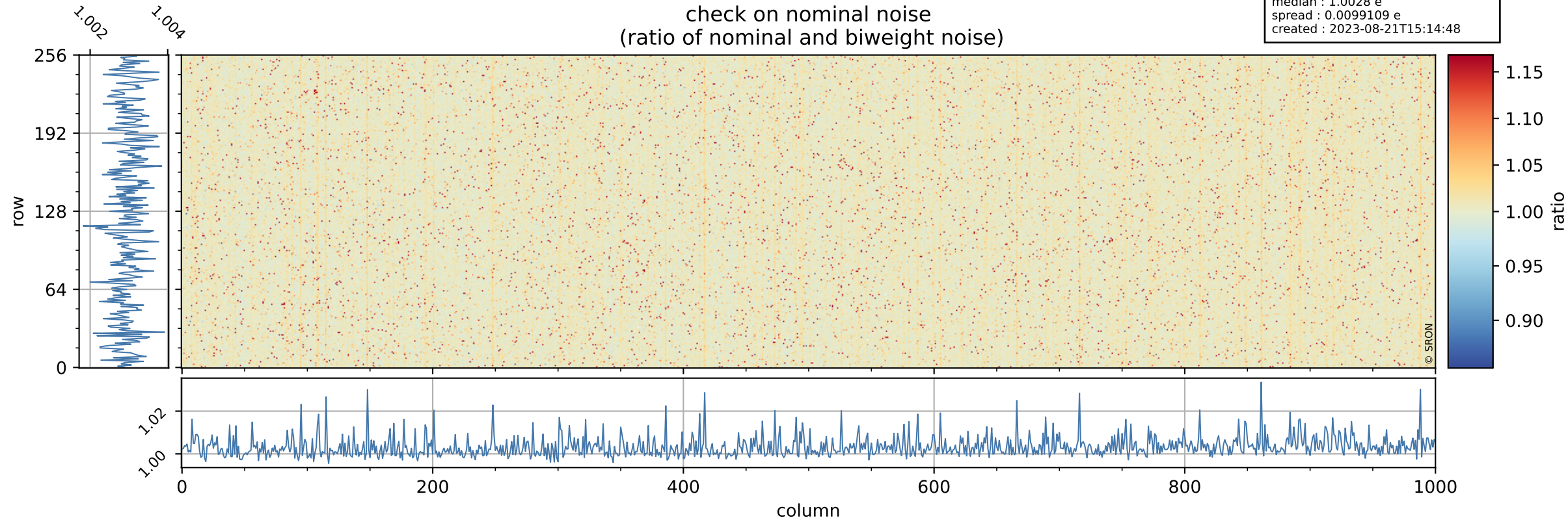
orbits : 13 in [10687, 10777]
coverage : 2019-11-06 / 2019-11-12
median : 0.99765 e
spread : 0.0055485 e
created : 2023-08-21T15:14:47



Tropomi SWIR background noise (swir)

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

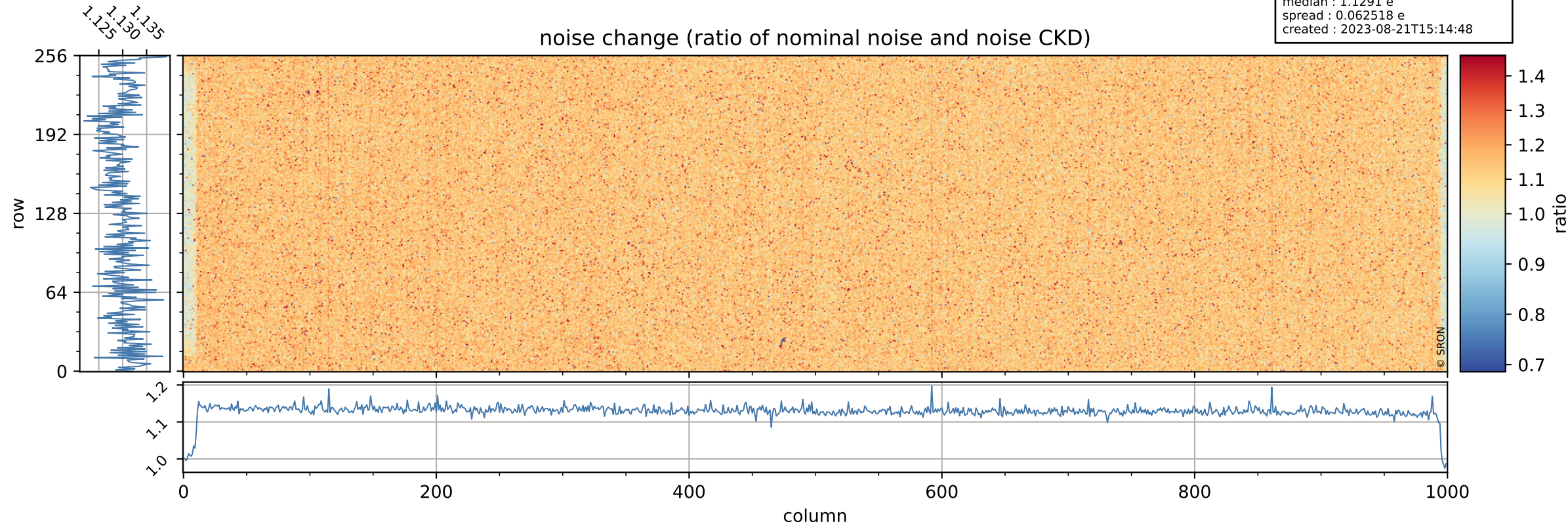
orbits : 13 in [10687, 10777]
coverage : 2019-11-06 / 2019-11-12
median : 1.0028 e
spread : 0.0099109 e
created : 2023-08-21T15:14:48



Tropomi SWIR background noise (swir)

orbits : 13 in [10687, 10777]
coverage : 2019-11-06 / 2019-11-12
median : 1.1291 e
spread : 0.062518 e
created : 2023-08-21T15:14:48

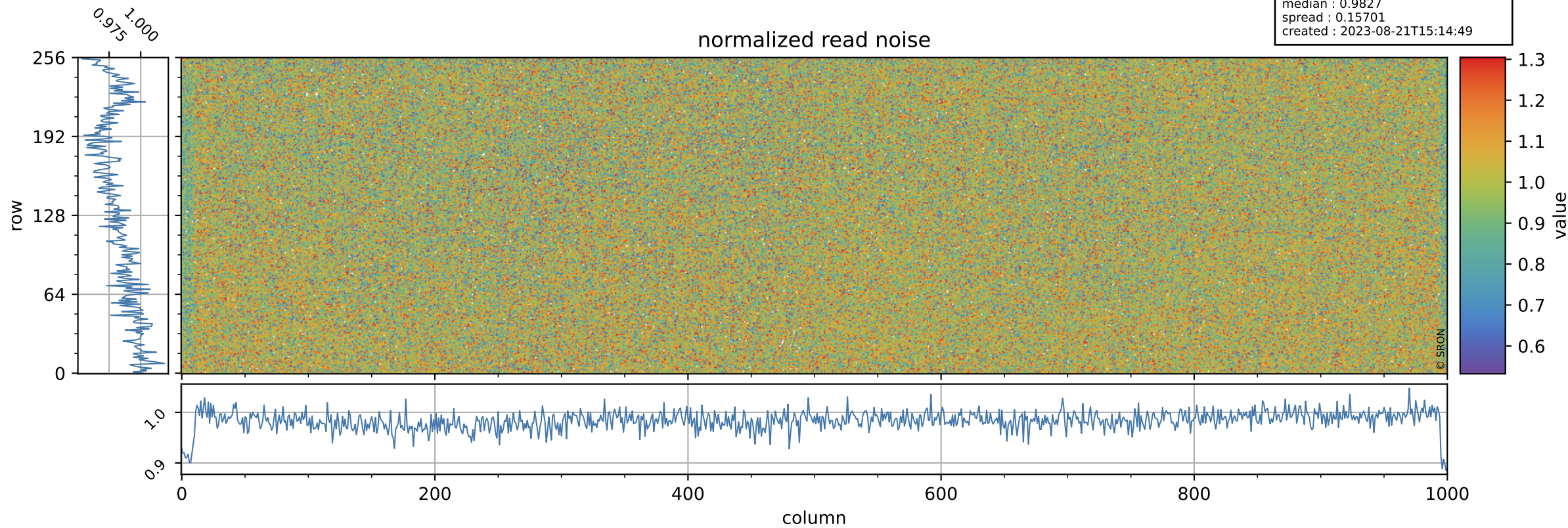
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

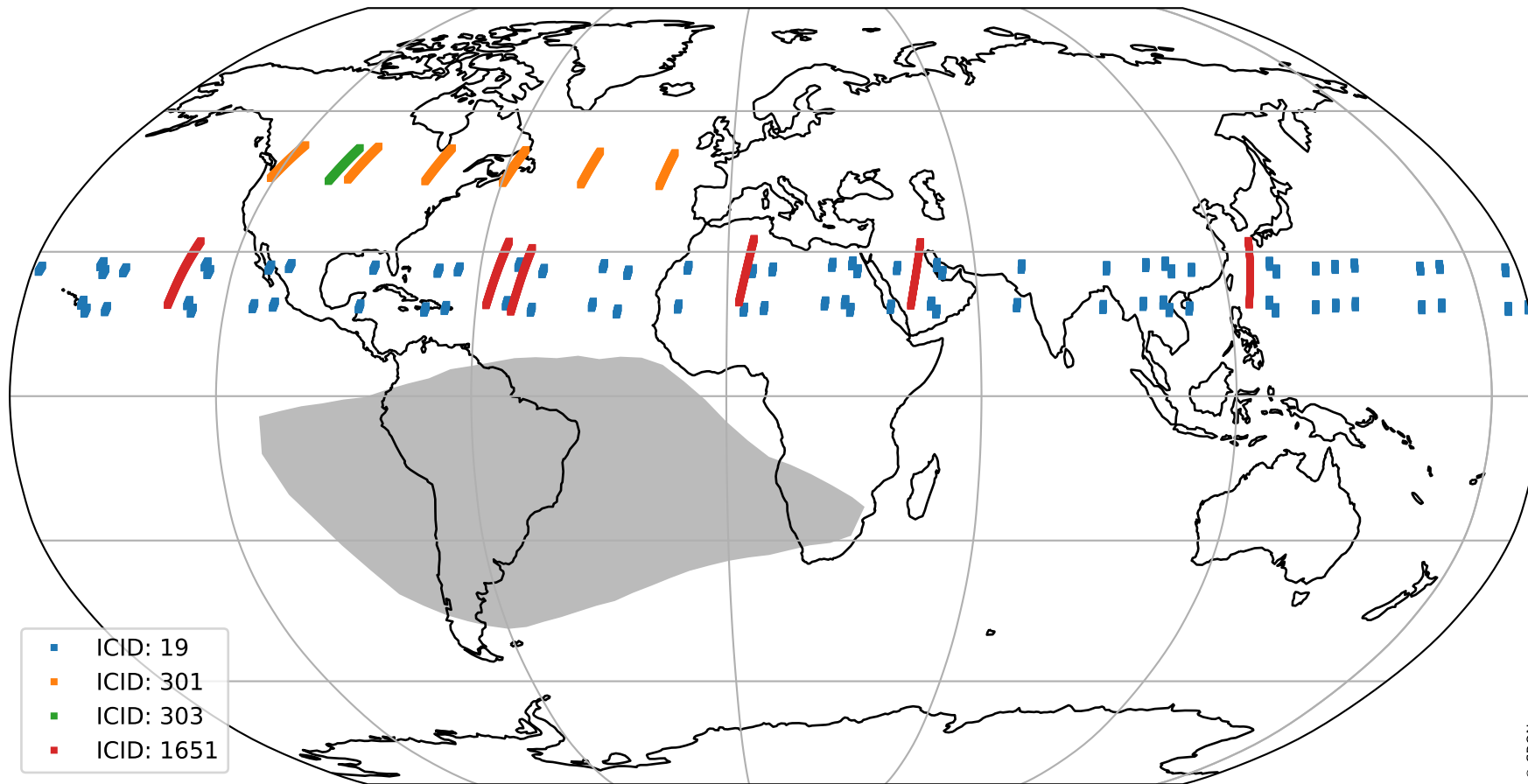
orbits : 13 in [10687, 10777]
coverage : 2019-11-06 / 2019-11-12
median : 0.9827
spread : 0.15701
created : 2023-08-21T15:14:49

normalized read noise



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

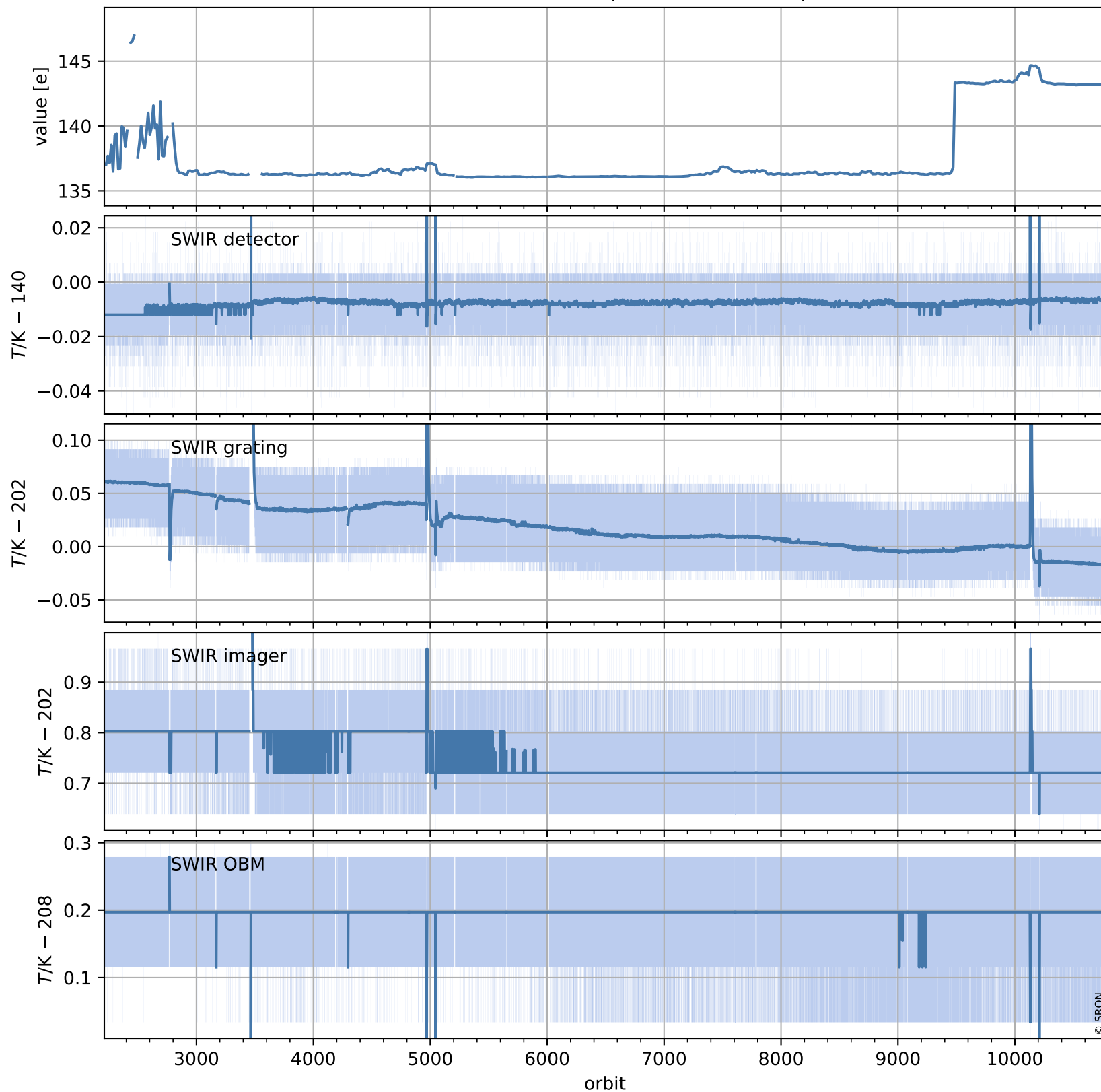
orbits : 13 in [10687, 10777]
coverage : 2019-11-06 / 2019-11-12
created : 2023-08-21T15:14:49



Tropomi SWIR background noise (swir)

orbits : [2212, 10777]
coverage : 2018-03-18 / 2019-11-12
created : 2023-08-21T15:14:49

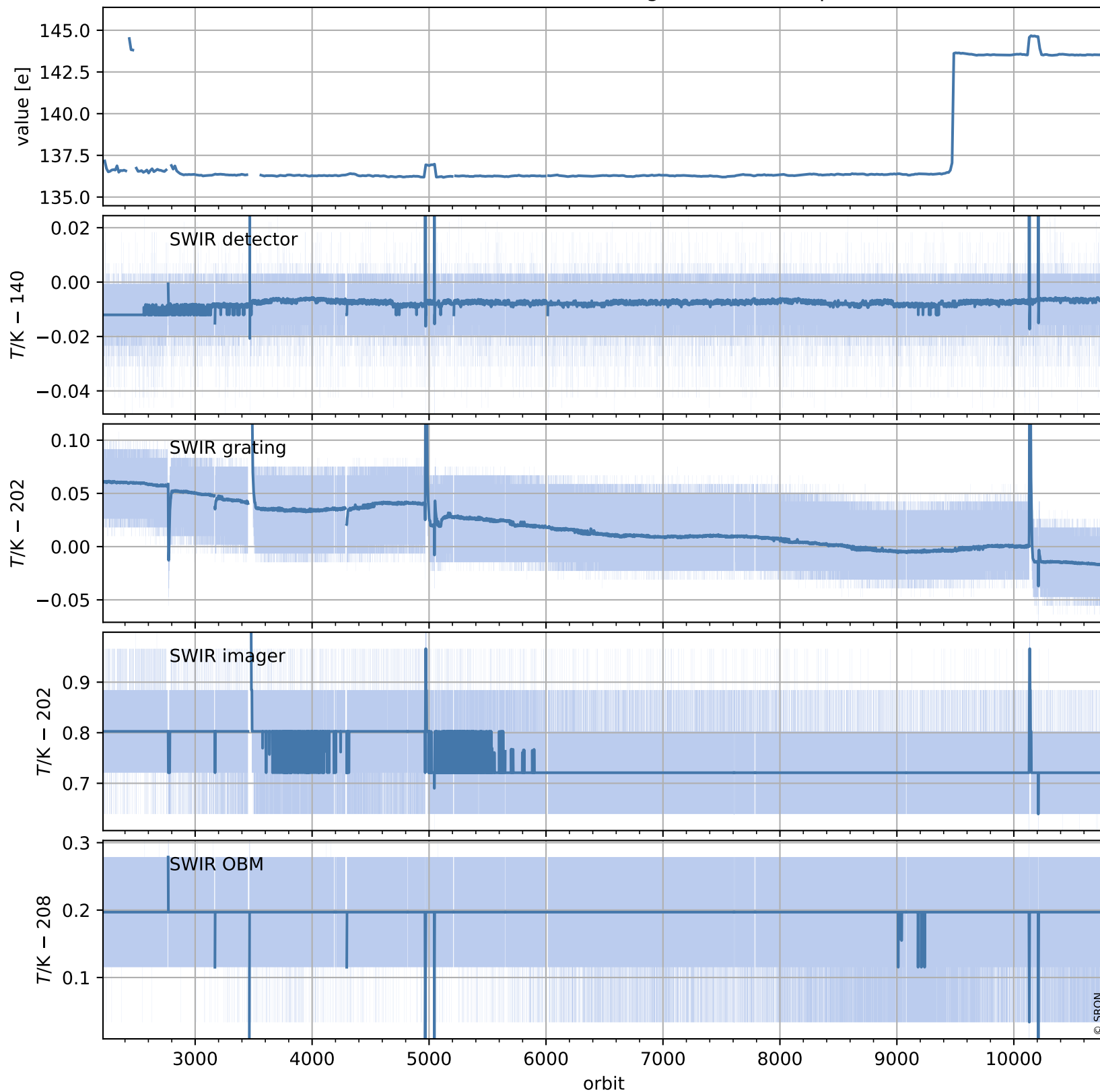
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10777]
coverage : 2018-03-18 / 2019-11-12
created : 2023-08-21T15:14:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10777]
coverage : 2018-03-18 / 2019-11-12
created : 2023-08-21T15:14:51

trend of normalized read-noise & temperatures

