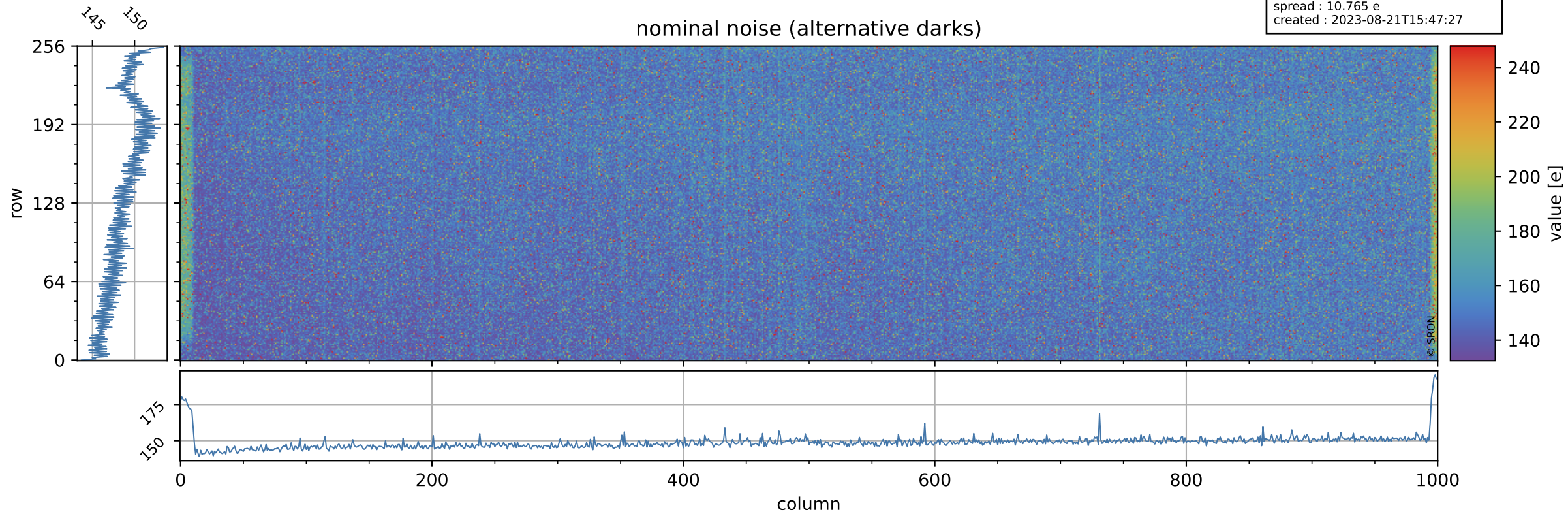


Tropomi SWIR background noise (swir)

orbits : 12 in [16327, 16402]
coverage : 2020-12-06 / 2020-12-11
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.765 e
created : 2023-08-21T15:47:27

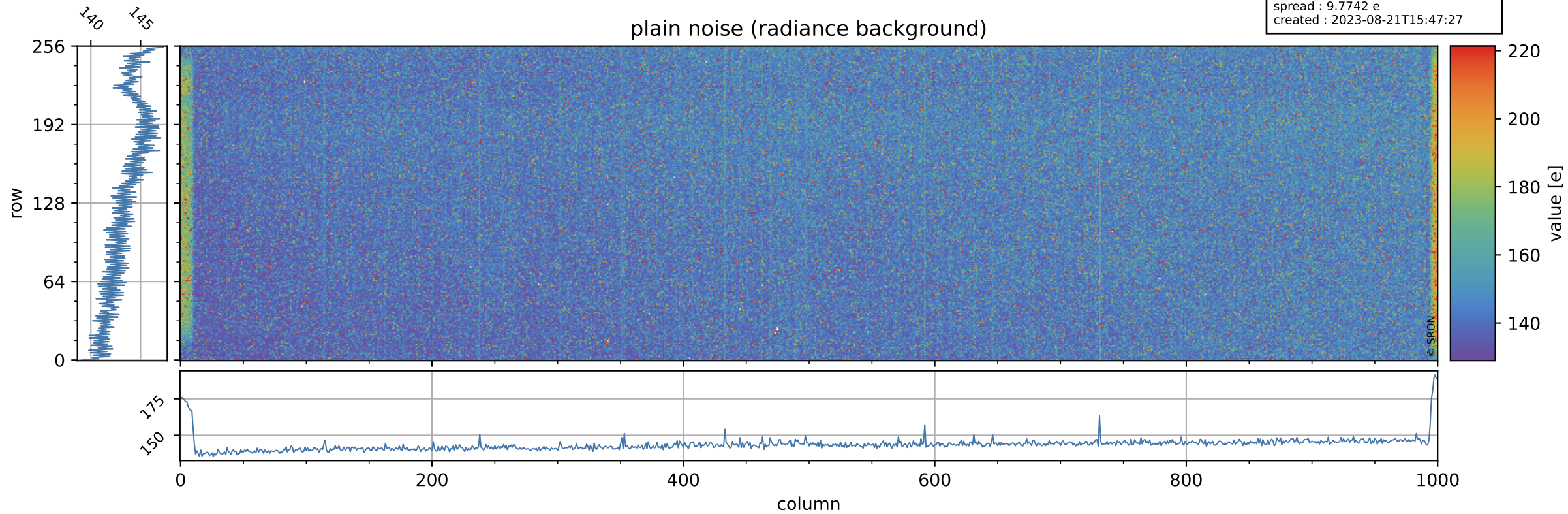
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16327, 16402]
coverage : 2020-12-06 / 2020-12-11
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7742 e
created : 2023-08-21T15:47:27

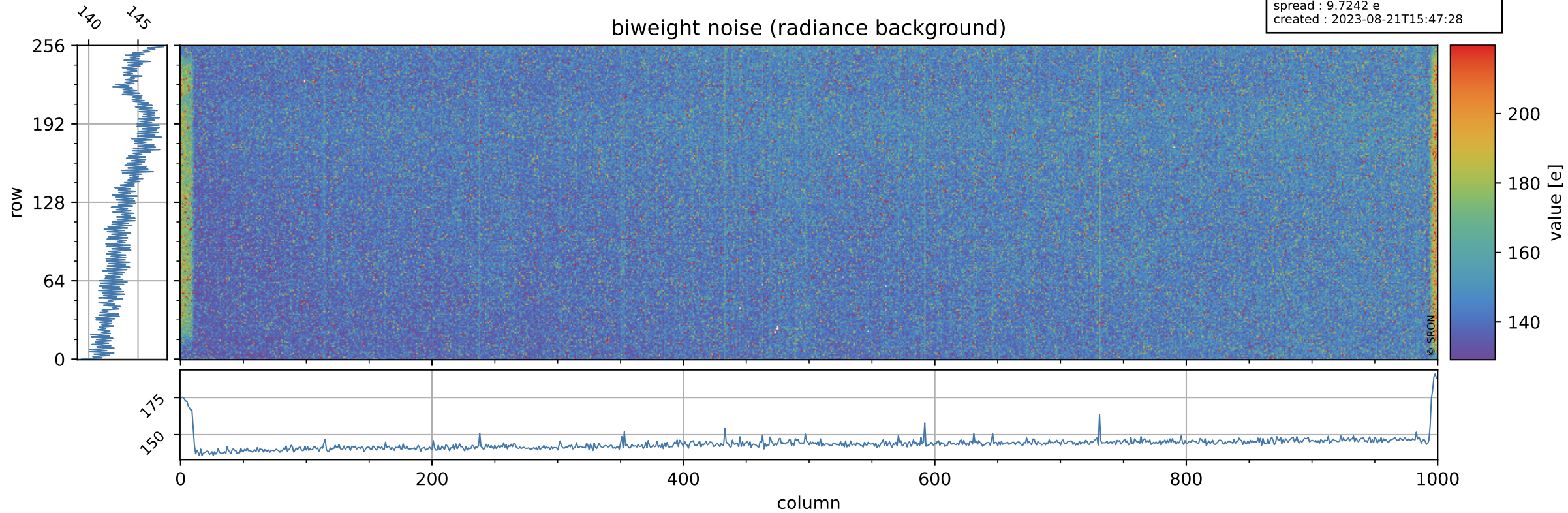
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16327, 16402]
coverage : 2020-12-06 / 2020-12-11
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.7242 e
created : 2023-08-21T15:47:28

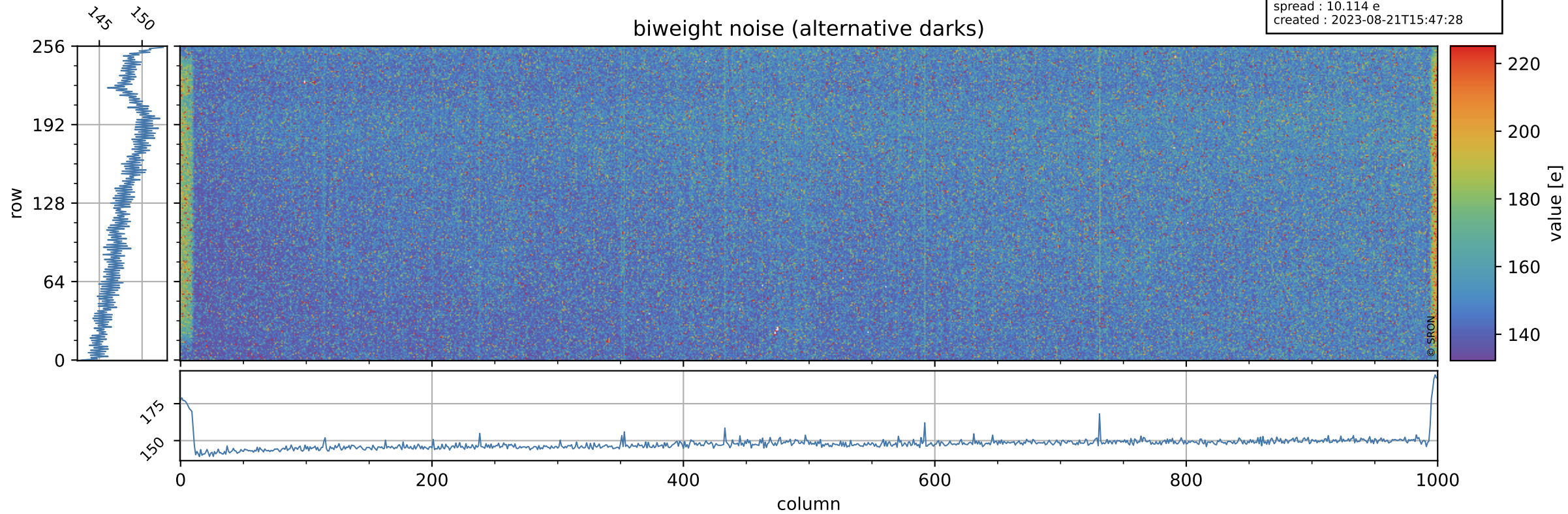
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16327, 16402]
coverage : 2020-12-06 / 2020-12-11
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.114 e
created : 2023-08-21T15:47:28

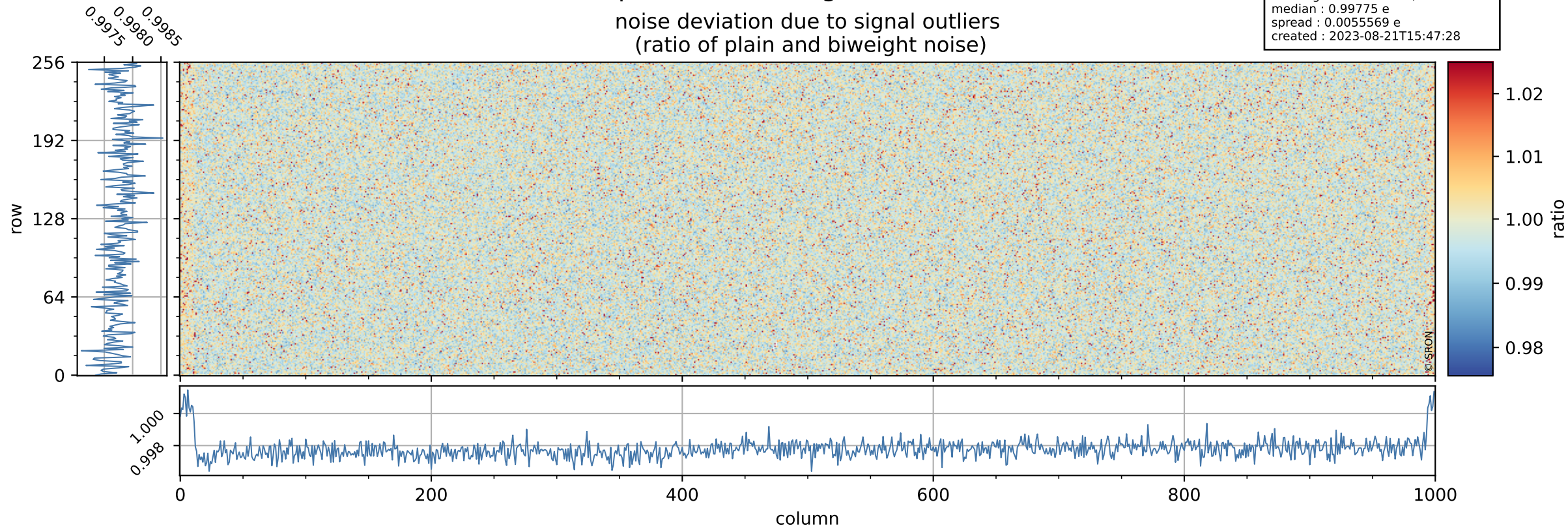
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

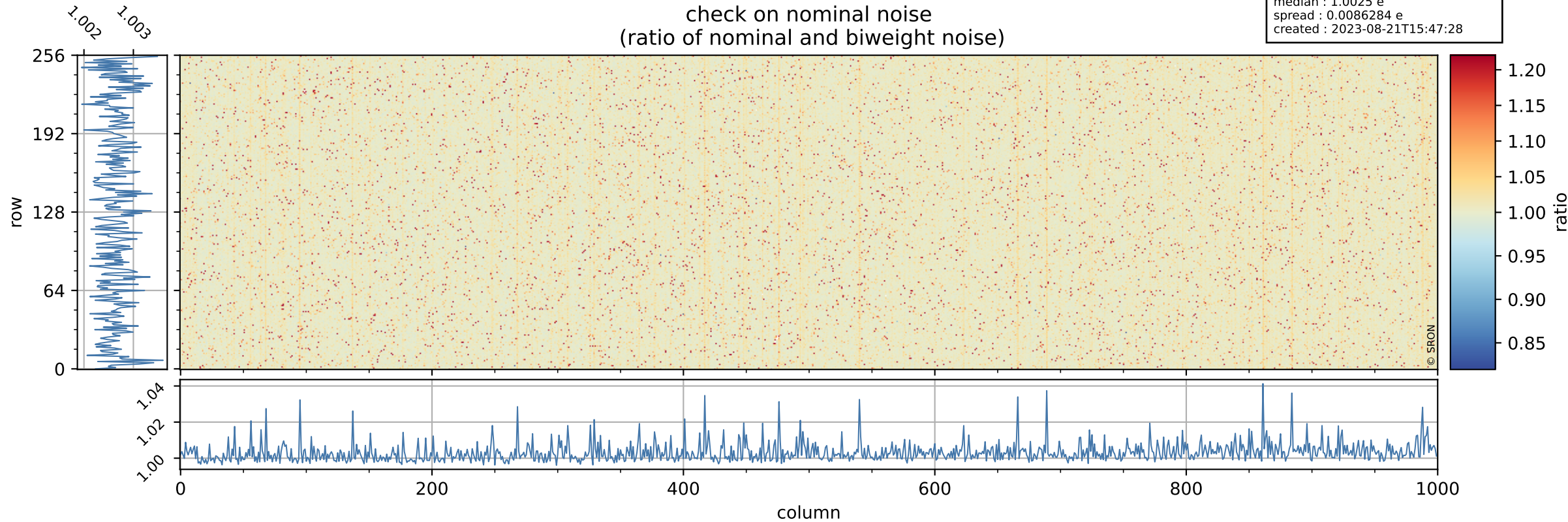
orbits : 12 in [16327, 16402]
coverage : 2020-12-06 / 2020-12-11
median : 0.99775 e
spread : 0.0055569 e
created : 2023-08-21T15:47:28



Tropomi SWIR background noise (swir)

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

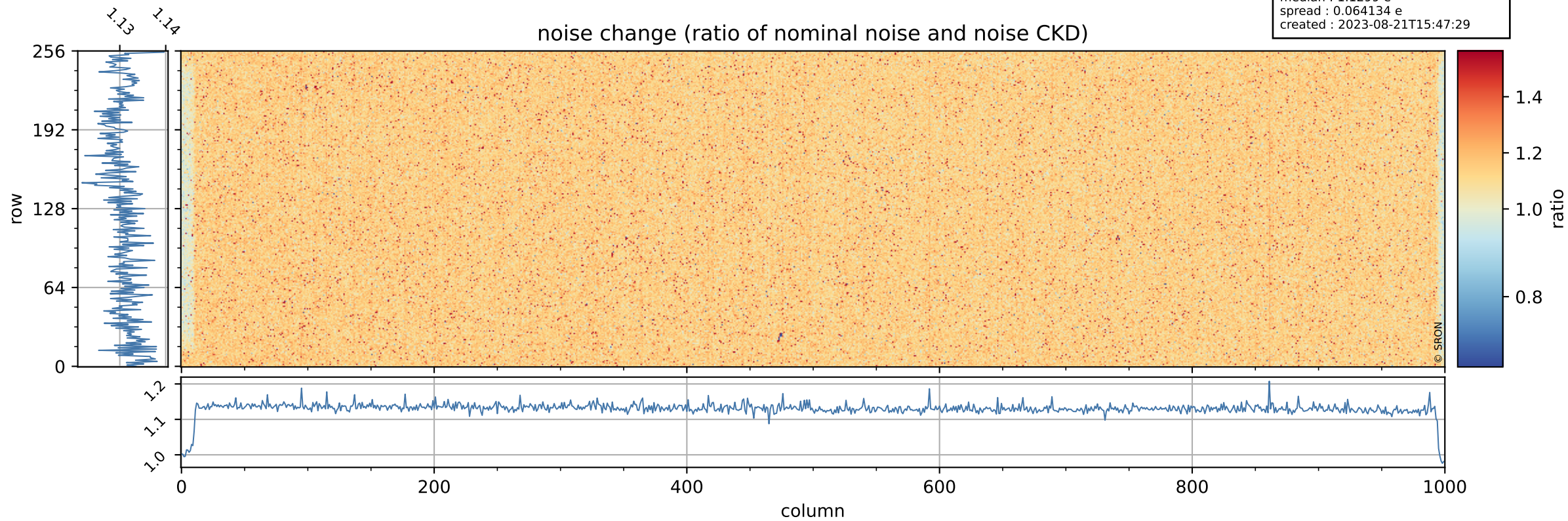
orbits : 12 in [16327, 16402]
coverage : 2020-12-06 / 2020-12-11
median : 1.0025 e
spread : 0.0086284 e
created : 2023-08-21T15:47:28



Tropomi SWIR background noise (swir)

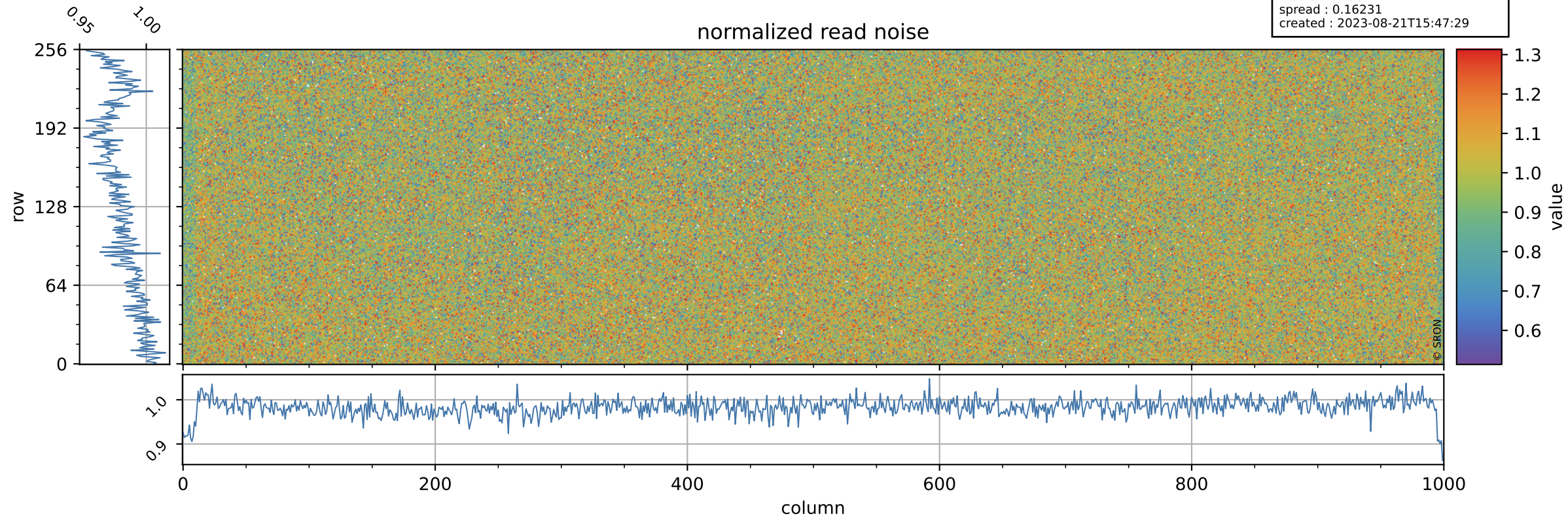
orbits : 12 in [16327, 16402]
coverage : 2020-12-06 / 2020-12-11
median : 1.1299 e
spread : 0.064134 e
created : 2023-08-21T15:47:29

noise change (ratio of nominal noise and noise CKD)



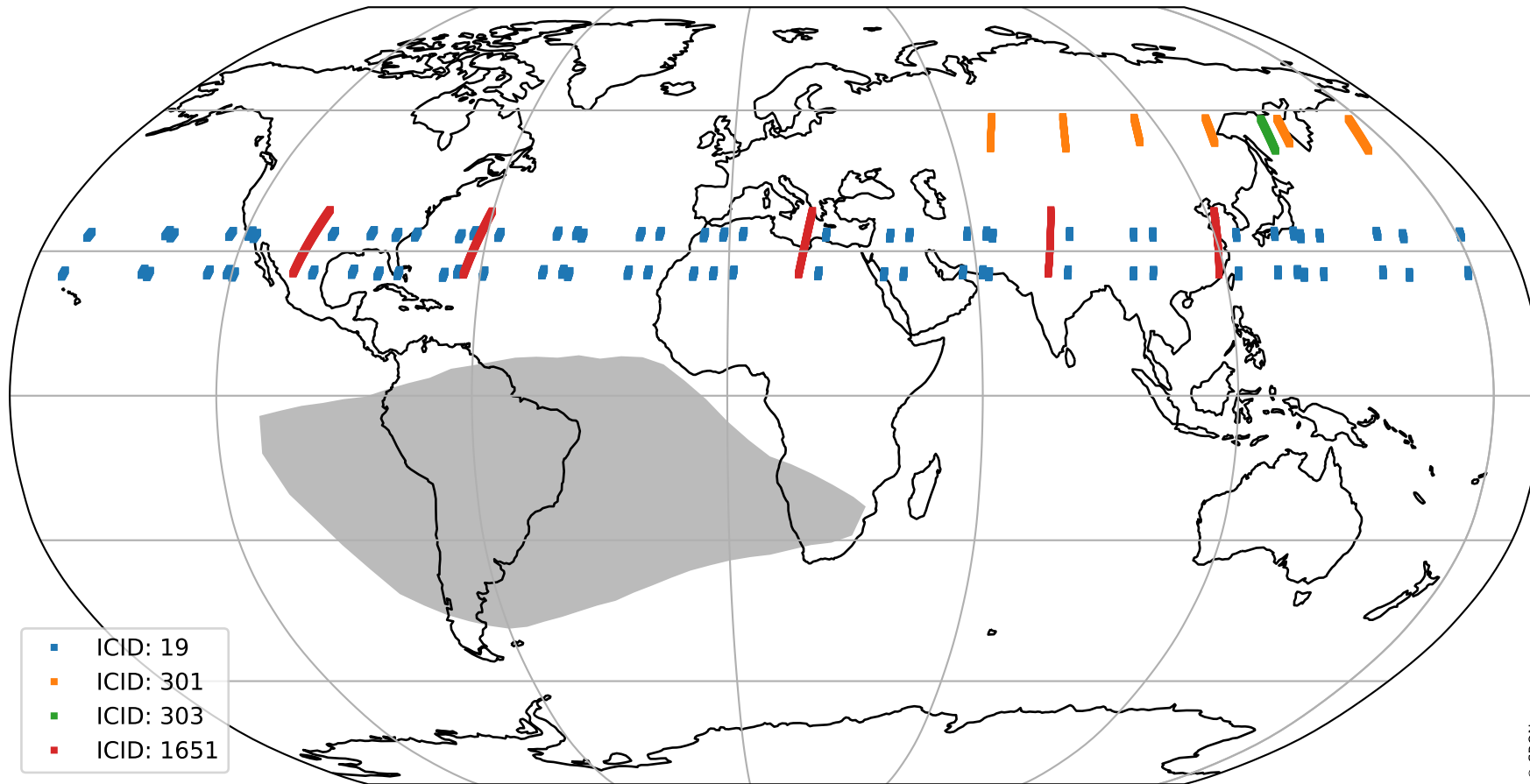
Tropomi SWIR background noise (swir)

orbits : 12 in [16327, 16402]
coverage : 2020-12-06 / 2020-12-11
median : 0.98171
spread : 0.16231
created : 2023-08-21T15:47:29



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

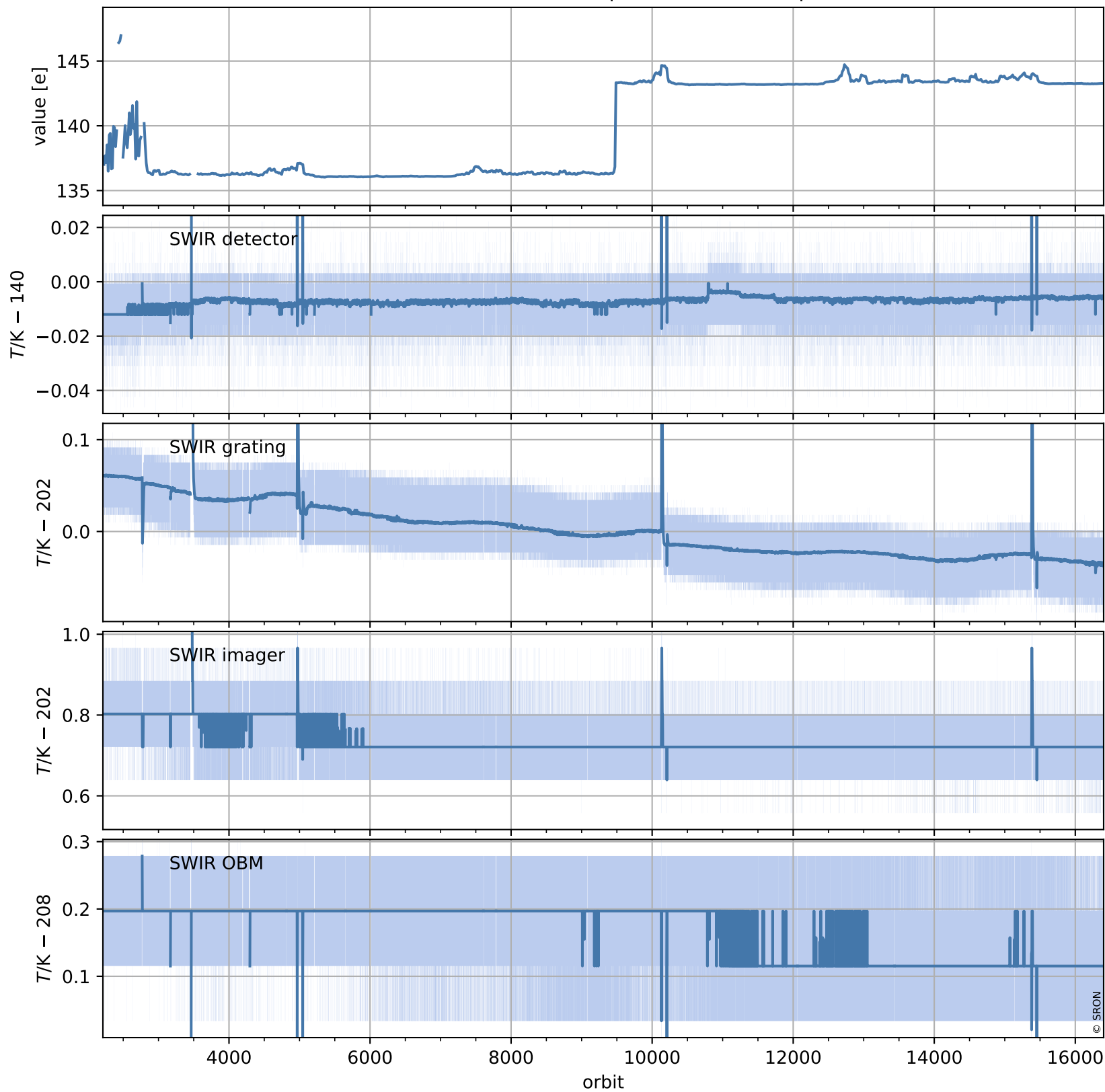
orbits : 12 in [16327, 16402]
coverage : 2020-12-06 / 2020-12-11
created : 2023-08-21T15:47:29



Tropomi SWIR background noise (swir)

orbits : [2212, 16402]
coverage : 2018-03-18 / 2020-12-11
created : 2023-08-21T15:47:30

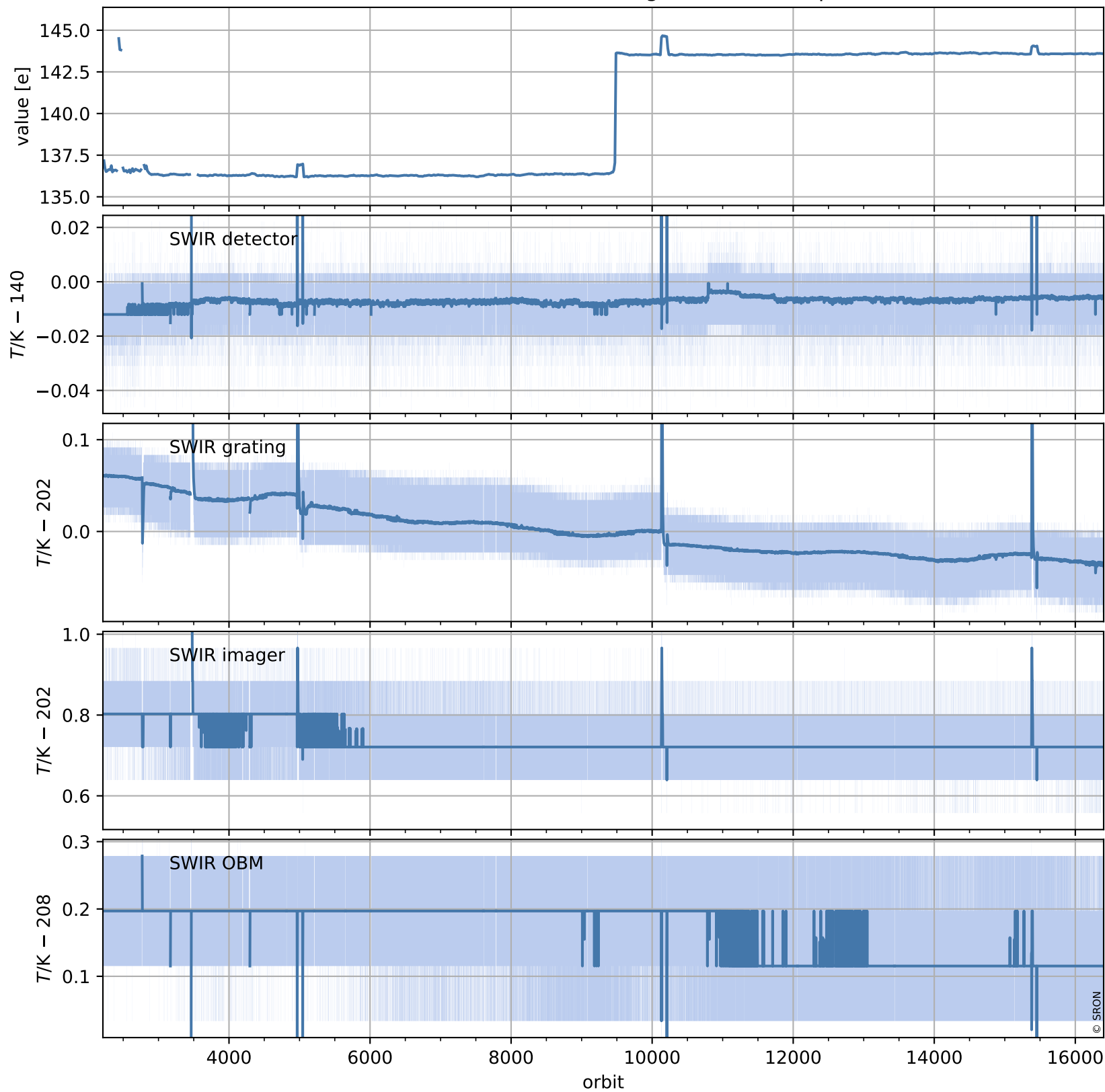
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16402]
coverage : 2018-03-18 / 2020-12-11
created : 2023-08-21T15:47:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16402]
coverage : 2018-03-18 / 2020-12-11
created : 2023-08-21T15:47:31

trend of normalized read-noise & temperatures

