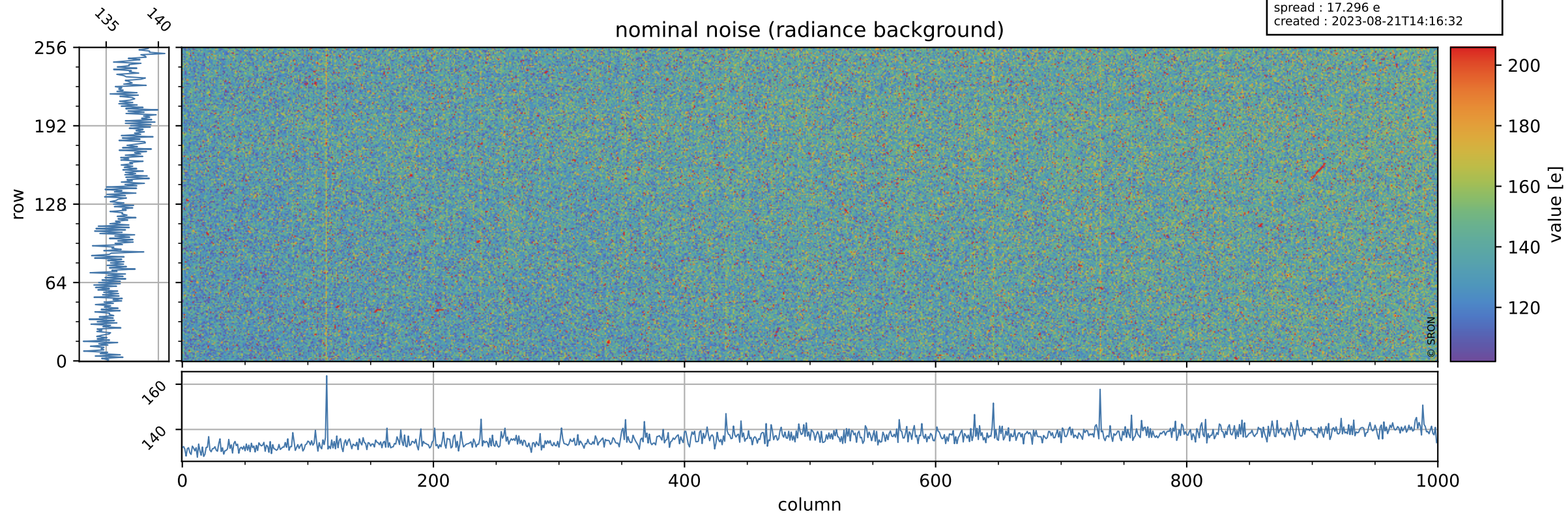


# Tropomi SWIR background noise (swir)

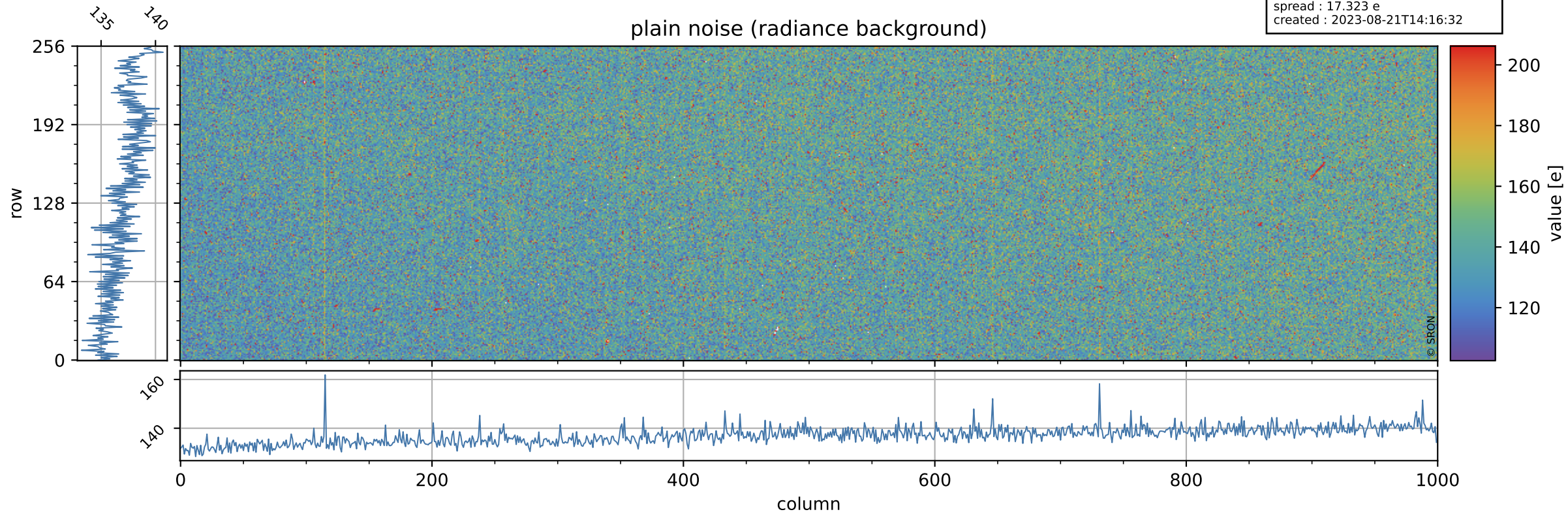
orbits : 7 in [2212, 2227]  
coverage : 2018-03-18 / 2018-03-19  
n\_coad, t\_exp : 2, 0.5383  
median : 136.44 e  
spread : 17.296 e  
created : 2023-08-21T14:16:32



# Tropomi SWIR background noise (swir)

orbits : 7 in [2212, 2227]  
coverage : 2018-03-18 / 2018-03-19  
n\_coad, t\_exp : 2, 0.5383  
median : 136.92 e  
spread : 17.323 e  
created : 2023-08-21T14:16:32

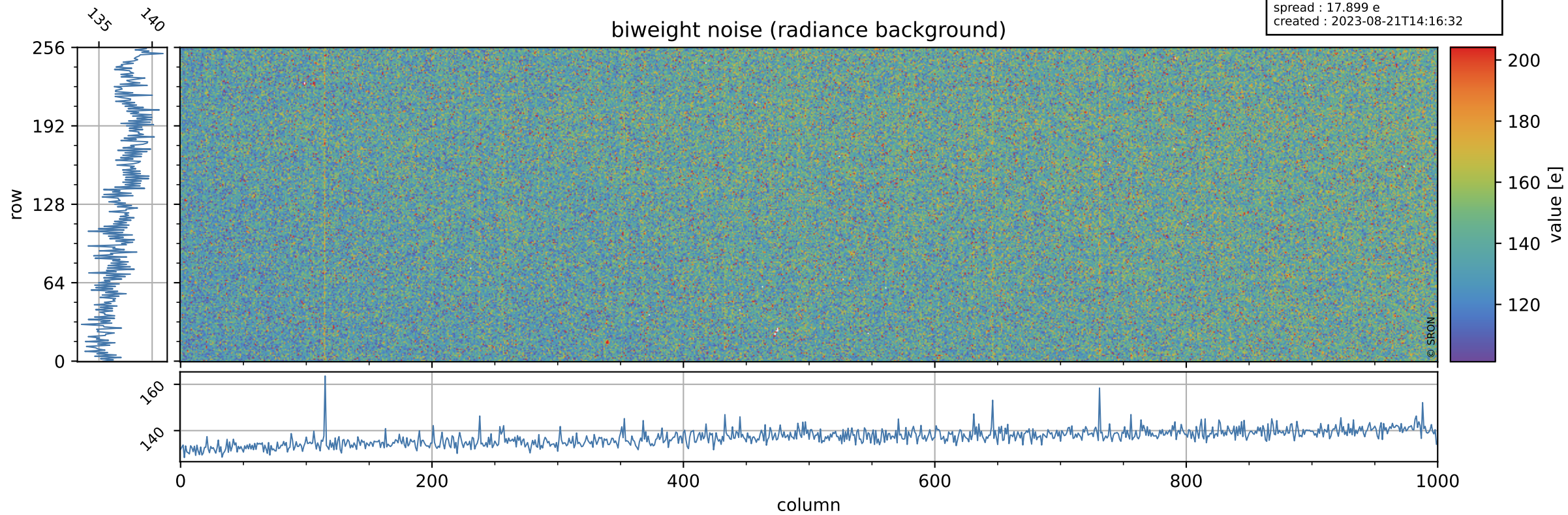
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 7 in [2212, 2227]  
coverage : 2018-03-18 / 2018-03-19  
n\_coad, t\_exp : 2, 0.5383  
median : 137.07 e  
spread : 17.899 e  
created : 2023-08-21T14:16:32

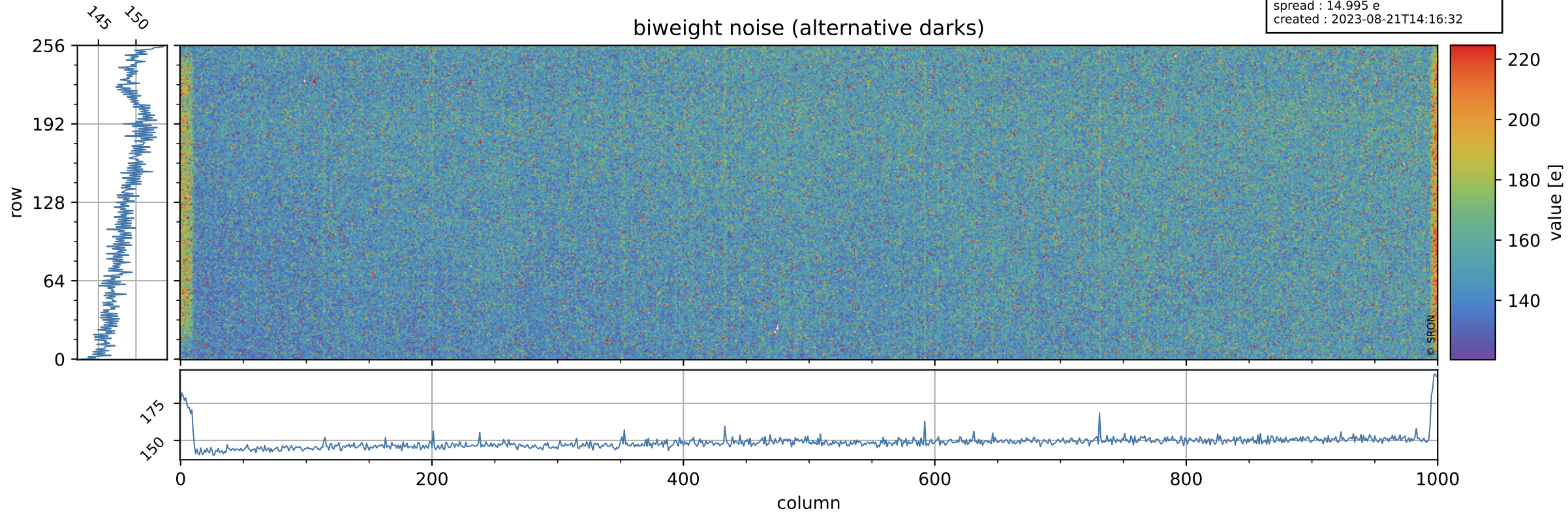
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 7 in [2212, 2227]  
coverage : 2018-03-18 / 2018-03-19  
n\_coad, t\_exp : 1, 1.0783  
median : 148.38 e  
spread : 14.995 e  
created : 2023-08-21T14:16:32

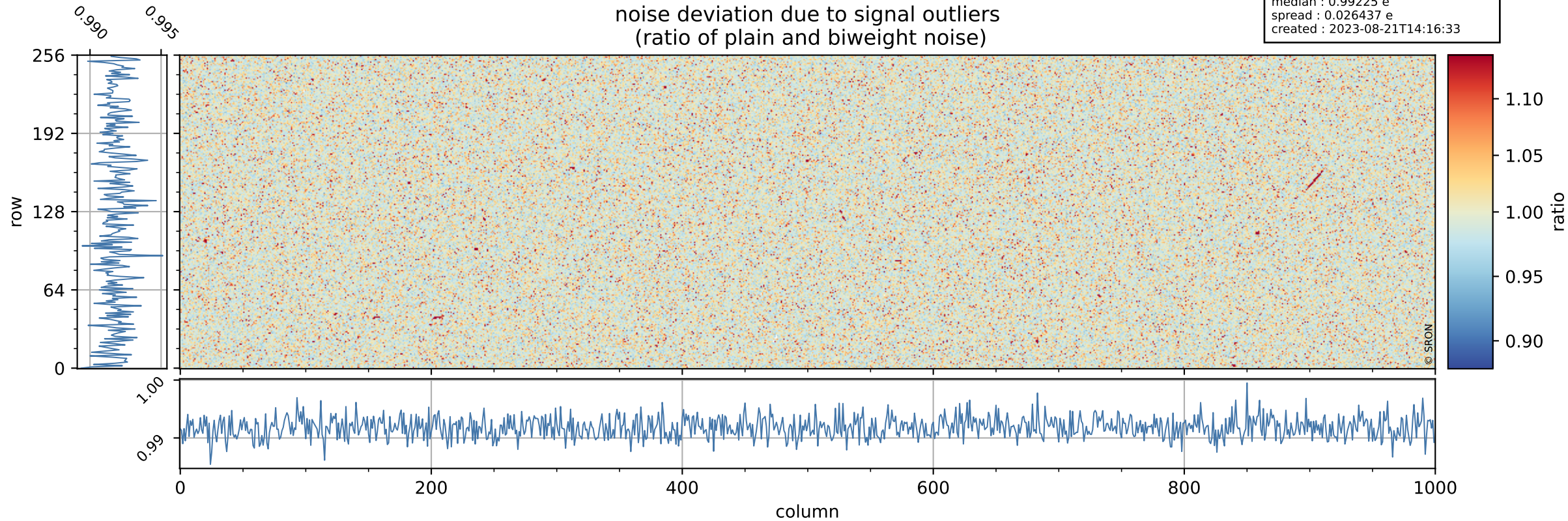
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

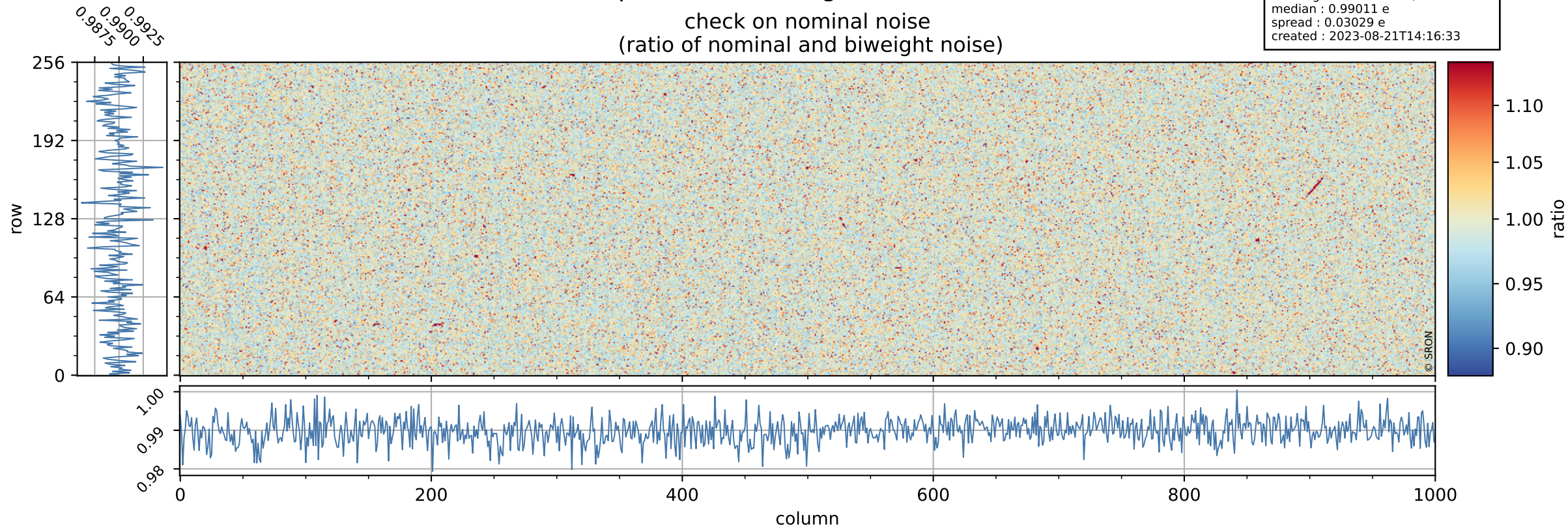
orbits : 7 in [2212, 2227]  
coverage : 2018-03-18 / 2018-03-19  
median : 0.99225 e  
spread : 0.026437 e  
created : 2023-08-21T14:16:33



# Tropomi SWIR background noise (swir)

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

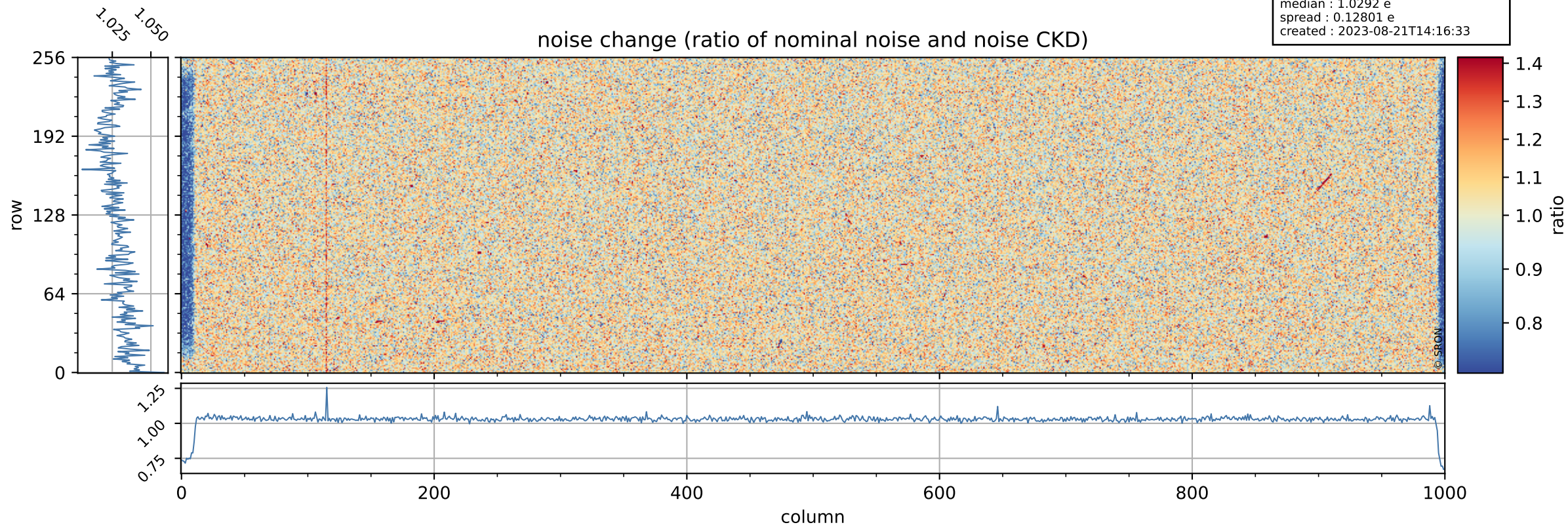
orbits : 7 in [2212, 2227]  
coverage : 2018-03-18 / 2018-03-19  
median : 0.99011 e  
spread : 0.03029 e  
created : 2023-08-21T14:16:33



# Tropomi SWIR background noise (swir)

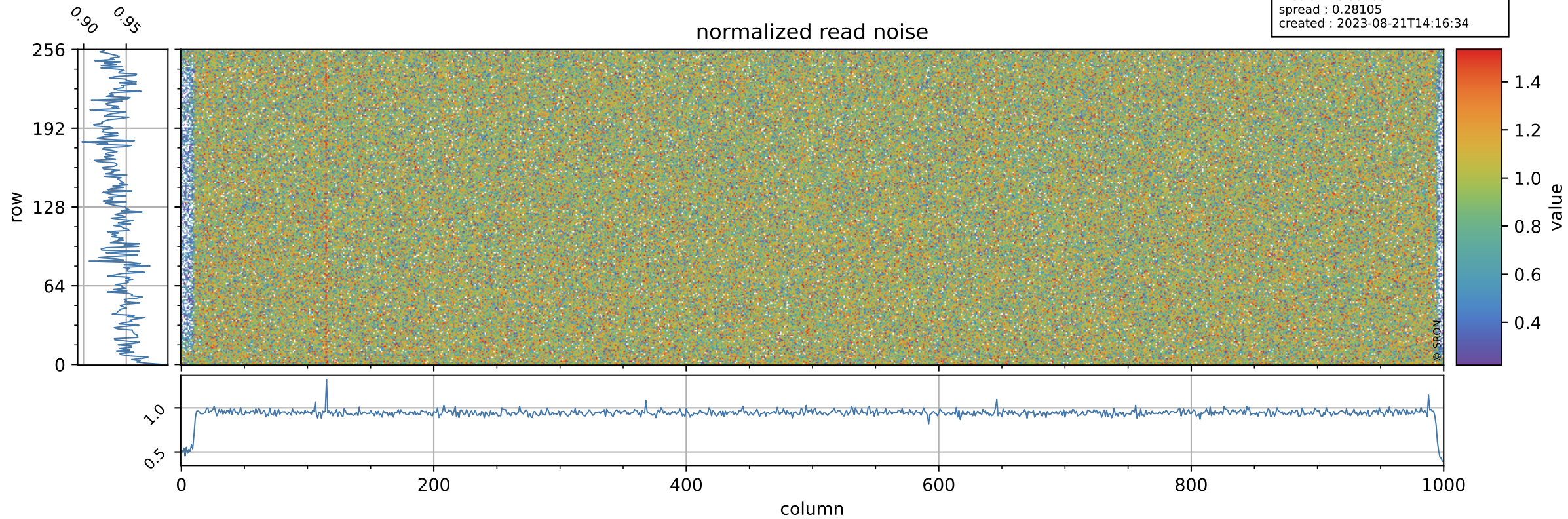
orbits : 7 in [2212, 2227]  
coverage : 2018-03-18 / 2018-03-19  
median : 1.0292 e  
spread : 0.12801 e  
created : 2023-08-21T14:16:33

noise change (ratio of nominal noise and noise CKD)



# Tropomi SWIR background noise (swir)

orbits : 7 in [2212, 2227]  
coverage : 2018-03-18 / 2018-03-19  
median : 0.93789  
spread : 0.28105  
created : 2023-08-21T14:16:34





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

orbits : 7 in [2212, 2227]  
coverage : 2018-03-18 / 2018-03-19  
created : 2023-08-21T14:16:34

