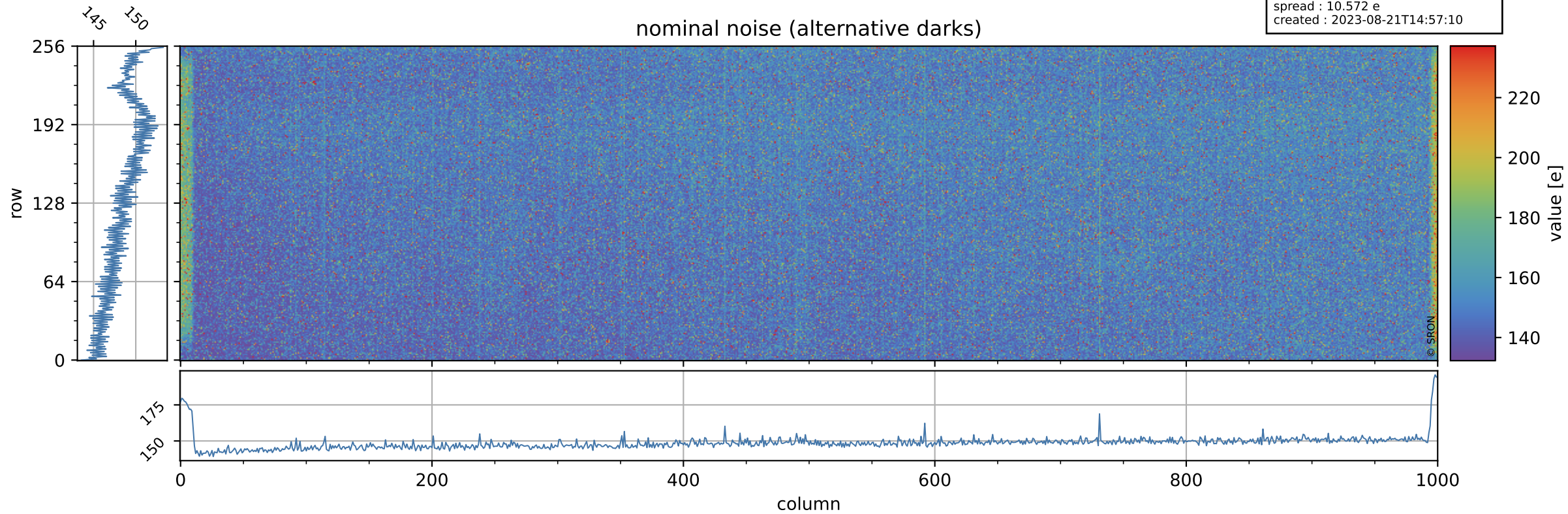


Tropomi SWIR background noise (swir)

orbits : 12 in [8452, 8542]
coverage : 2019-06-01 / 2019-06-06
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.572 e
created : 2023-08-21T14:57:10

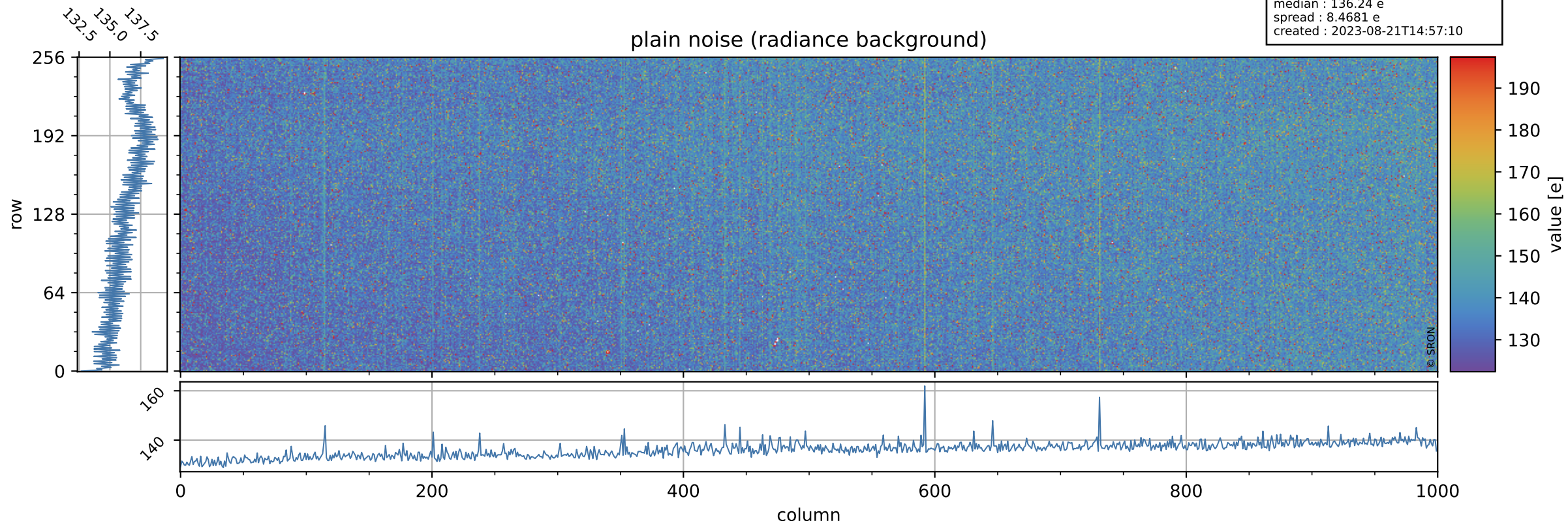
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8452, 8542]
coverage : 2019-06-01 / 2019-06-06
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.4681 e
created : 2023-08-21T14:57:10

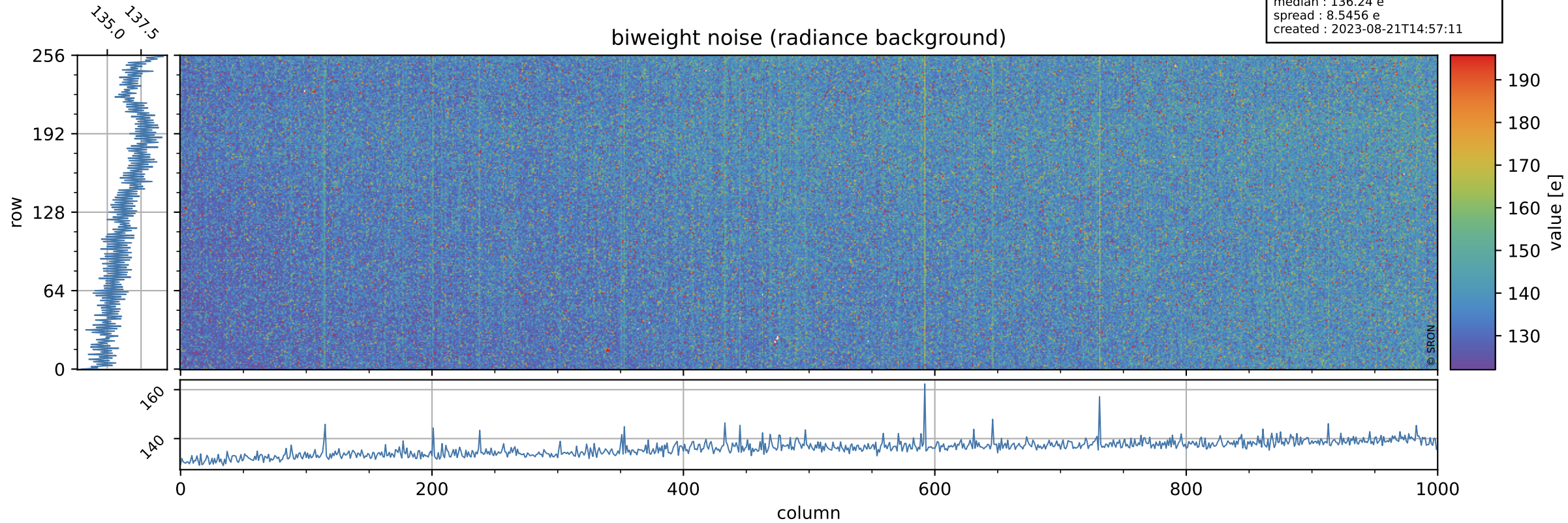
plain noise (radiance background)



Tropomi SWIR background noise (swir)

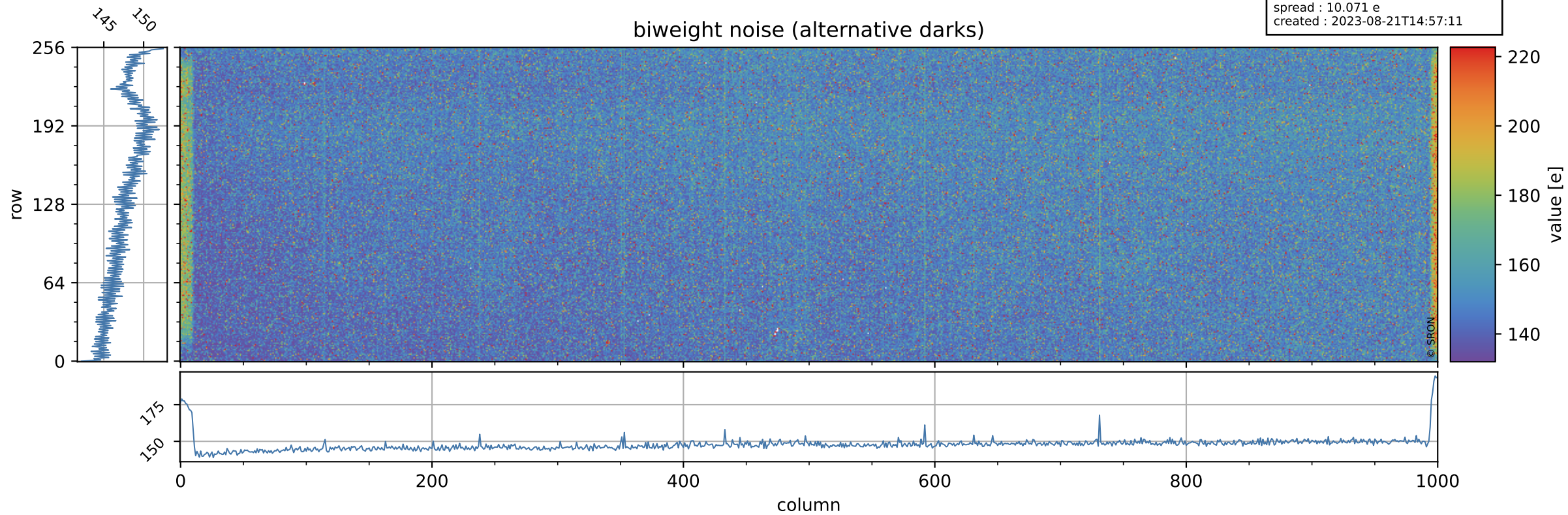
orbits : 12 in [8452, 8542]
coverage : 2019-06-01 / 2019-06-06
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.5456 e
created : 2023-08-21T14:57:11

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

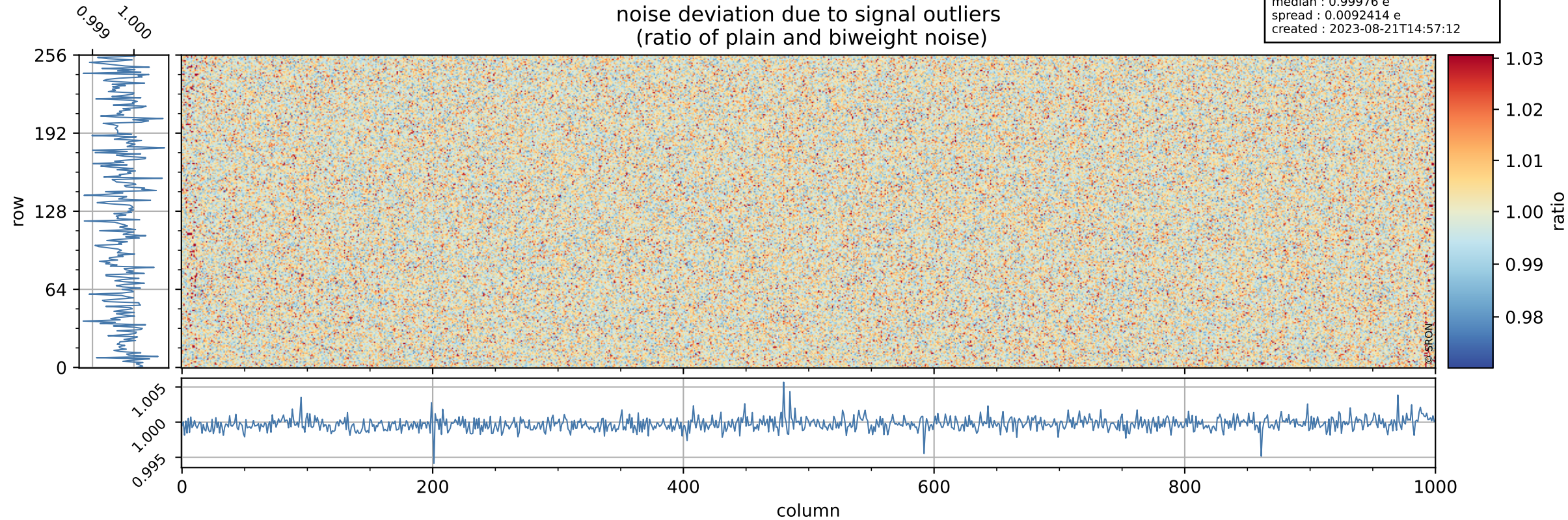
orbits : 12 in [8452, 8542]
coverage : 2019-06-01 / 2019-06-06
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 10.071 e
created : 2023-08-21T14:57:11



Tropomi SWIR background noise (swir)

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

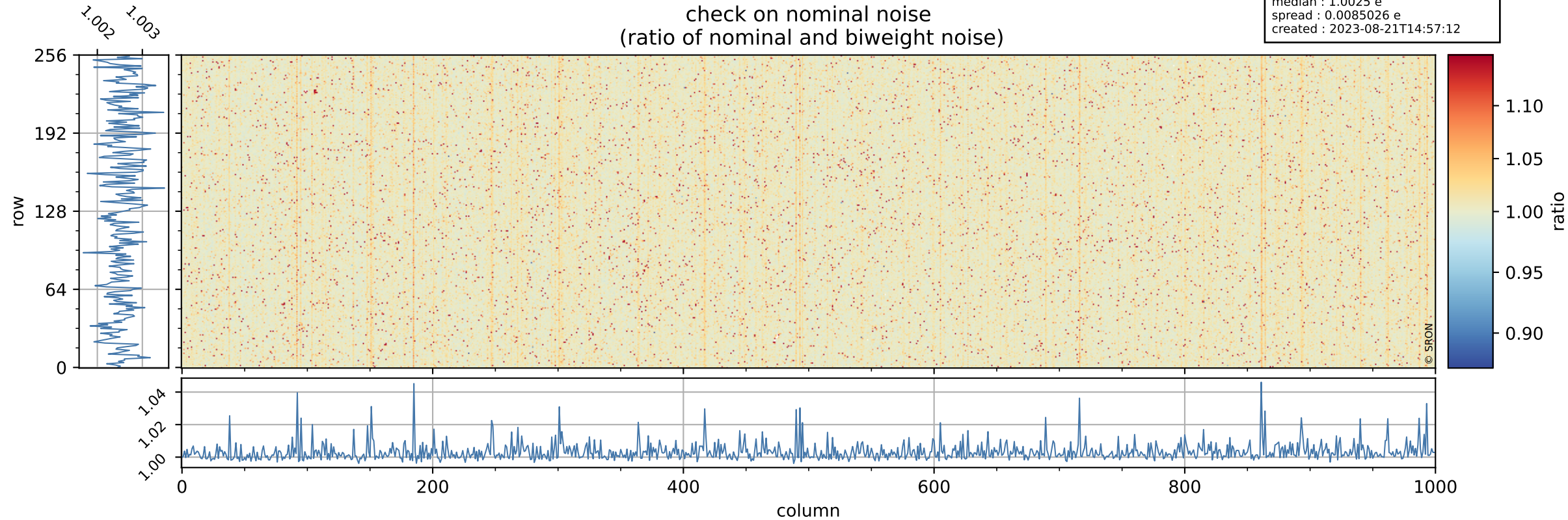
orbits : 12 in [8452, 8542]
coverage : 2019-06-01 / 2019-06-06
median : 0.99976 e
spread : 0.0092414 e
created : 2023-08-21T14:57:12



Tropomi SWIR background noise (swir)

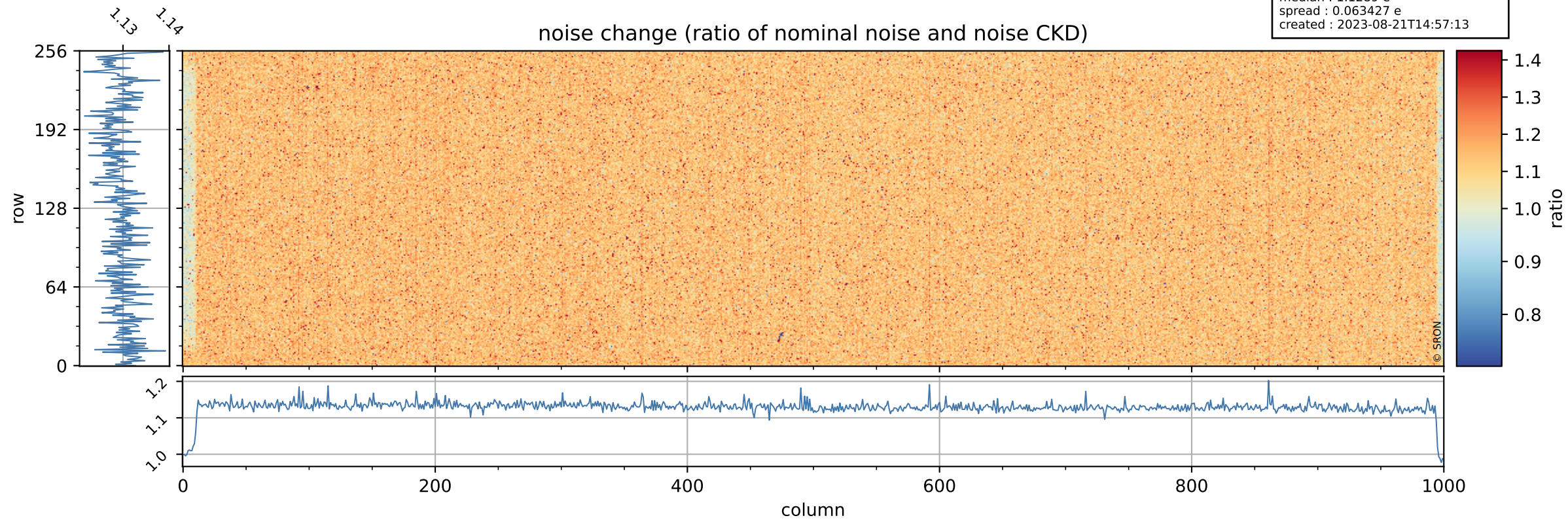
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8452, 8542]
coverage : 2019-06-01 / 2019-06-06
median : 1.0025 e
spread : 0.0085026 e
created : 2023-08-21T14:57:12



Tropomi SWIR background noise (swir)

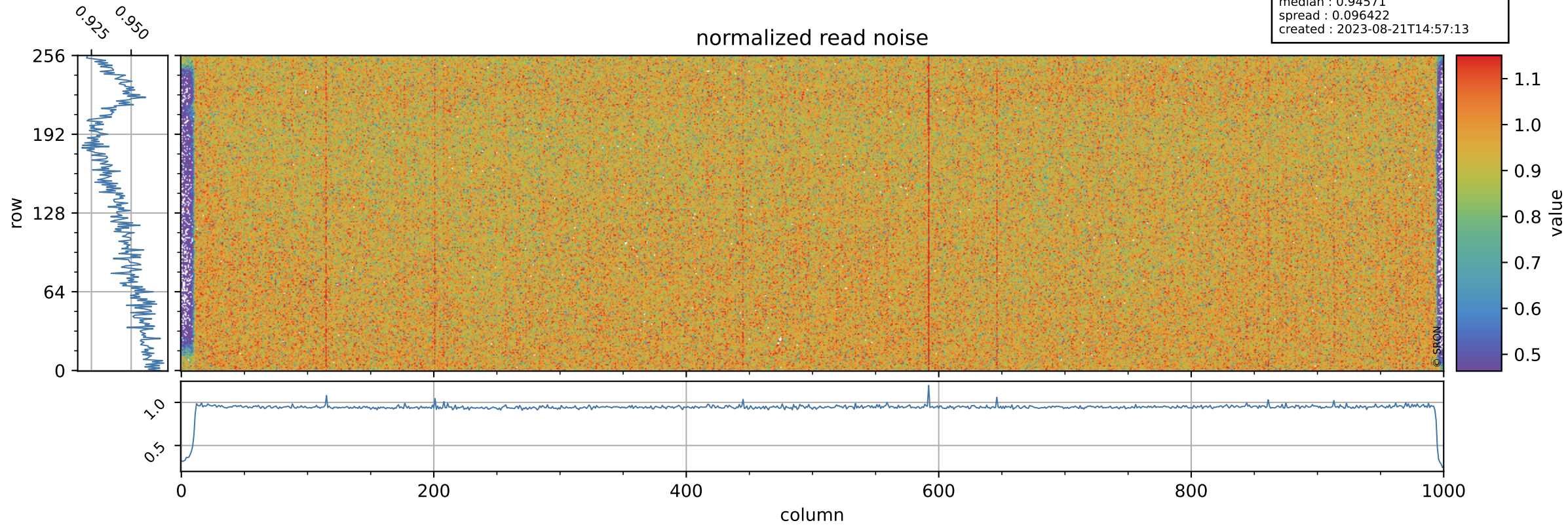
orbits : 12 in [8452, 8542]
coverage : 2019-06-01 / 2019-06-06
median : 1.1289 e
spread : 0.063427 e
created : 2023-08-21T14:57:13



Tropomi SWIR background noise (swir)

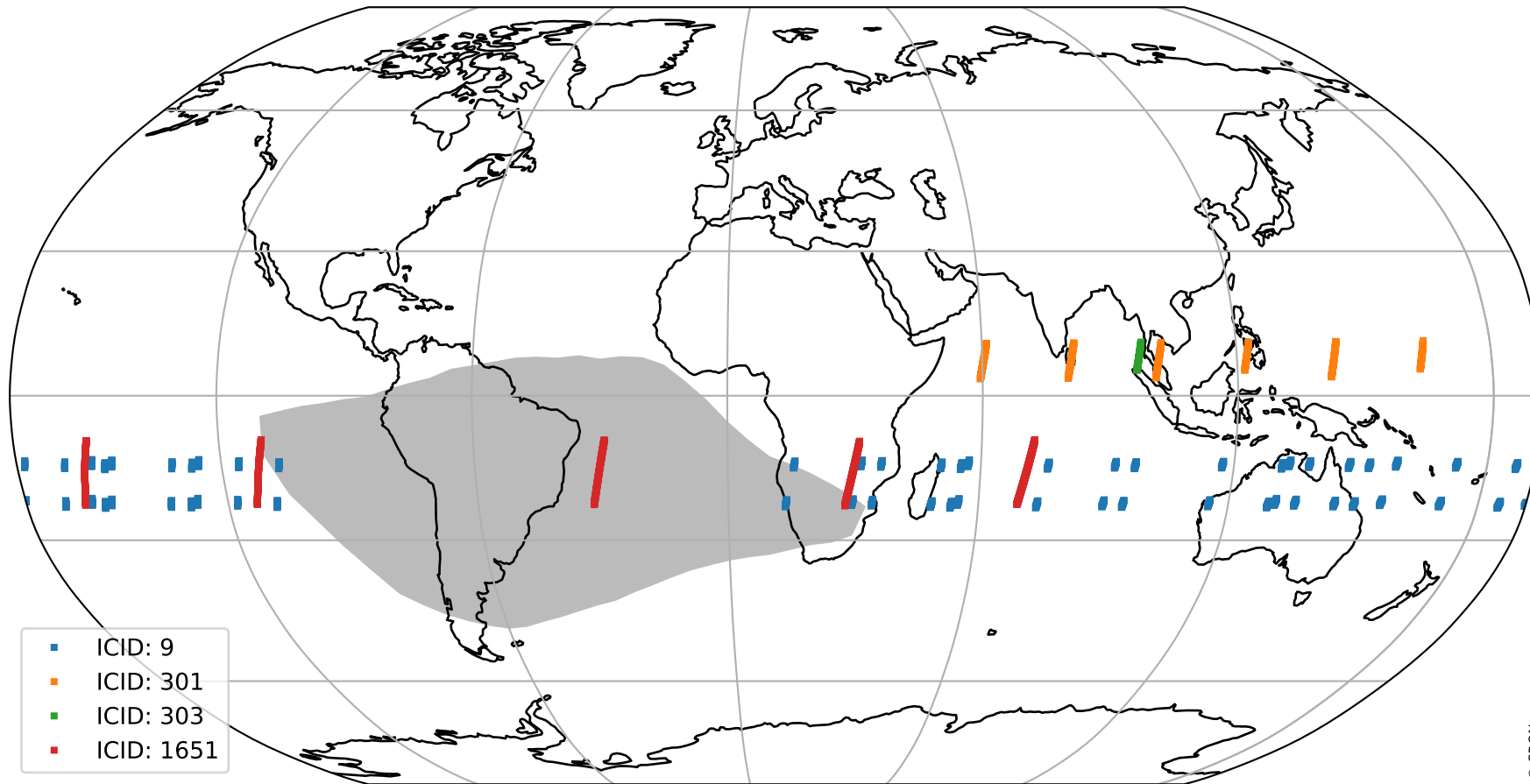
orbits : 12 in [8452, 8542]
coverage : 2019-06-01 / 2019-06-06
median : 0.94571
spread : 0.096422
created : 2023-08-21T14:57:13

normalized read noise



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

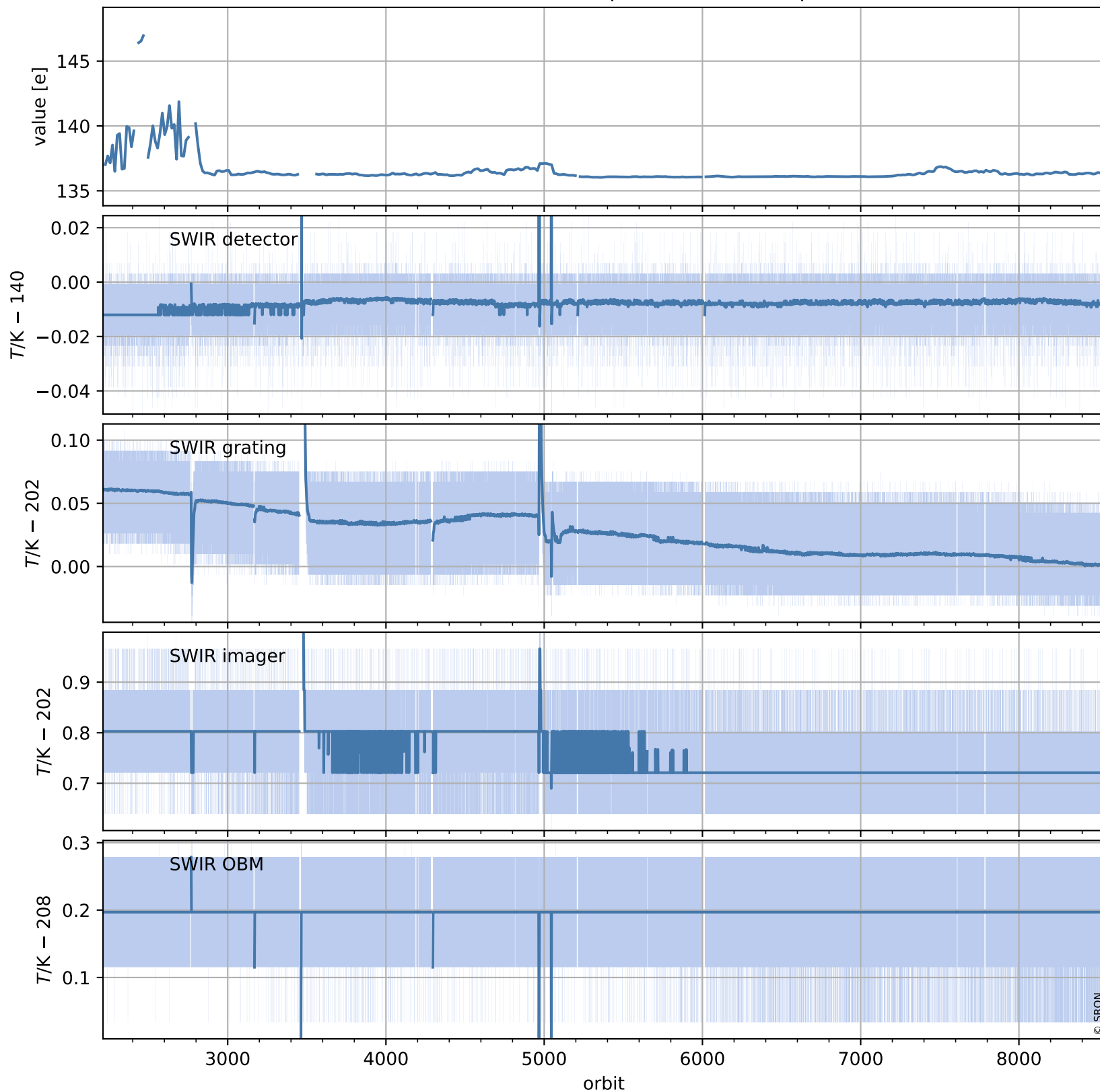
orbits : 12 in [8452, 8542]
coverage : 2019-06-01 / 2019-06-06
created : 2023-08-21T14:57:14



Tropomi SWIR background noise (swir)

orbits : [2212, 8542]
coverage : 2018-03-18 / 2019-06-06
created : 2023-08-21T14:57:14

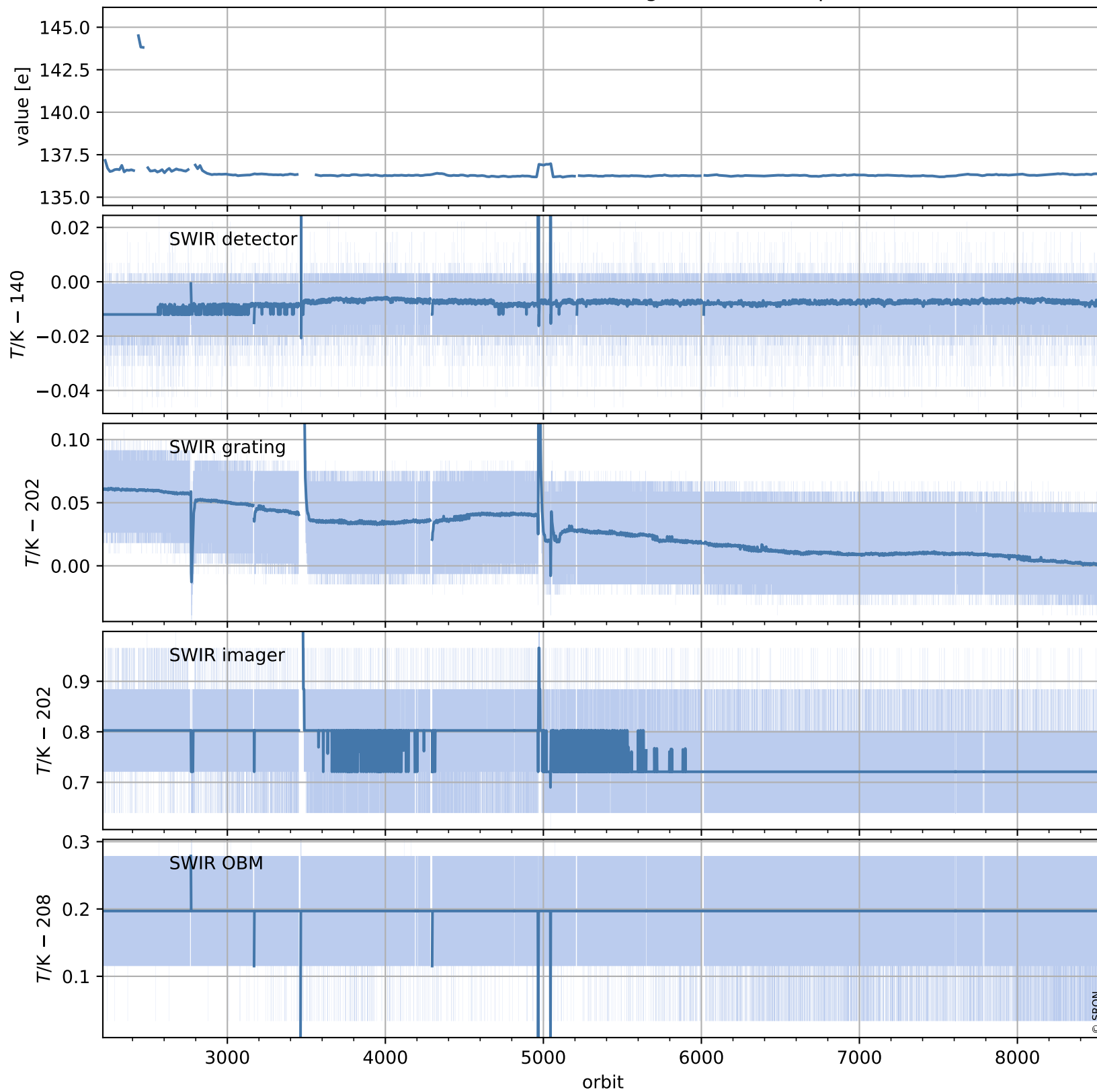
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8542]
coverage : 2018-03-18 / 2019-06-06
created : 2023-08-21T14:57:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8542]
coverage : 2018-03-18 / 2019-06-06
created : 2023-08-21T14:57:16

trend of normalized read-noise & temperatures

