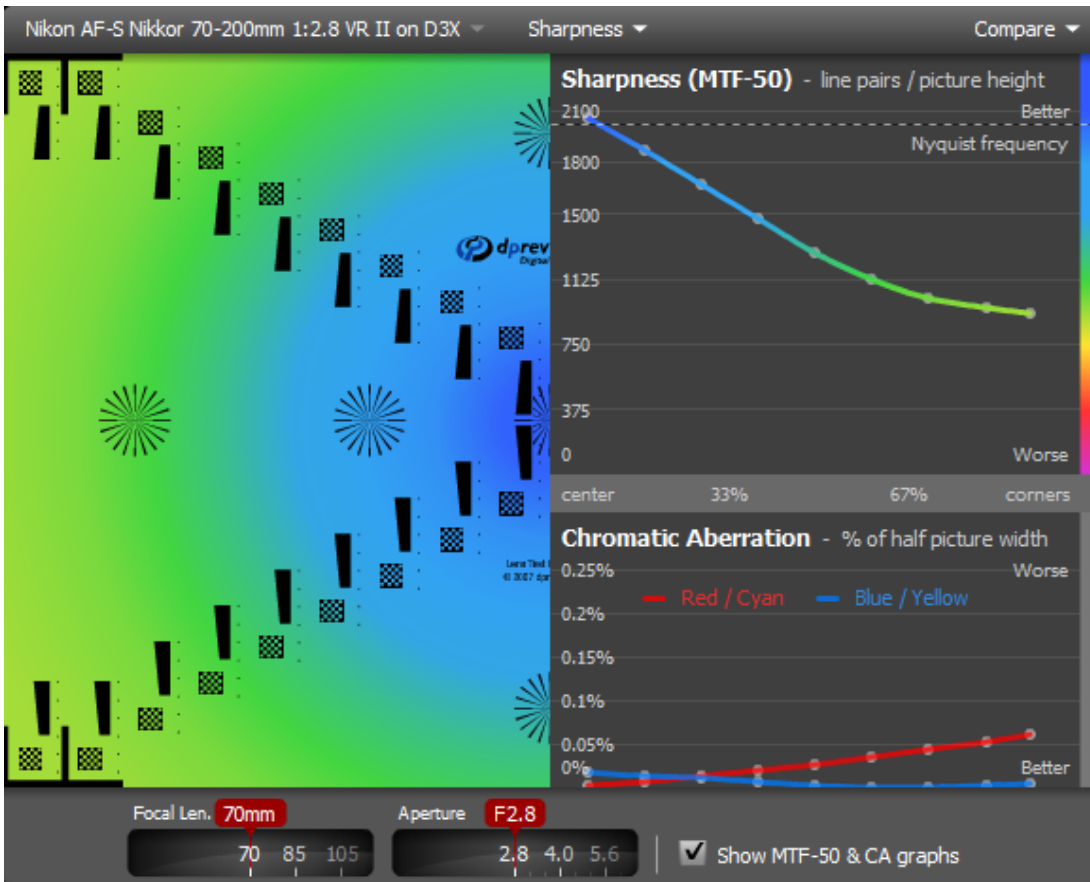
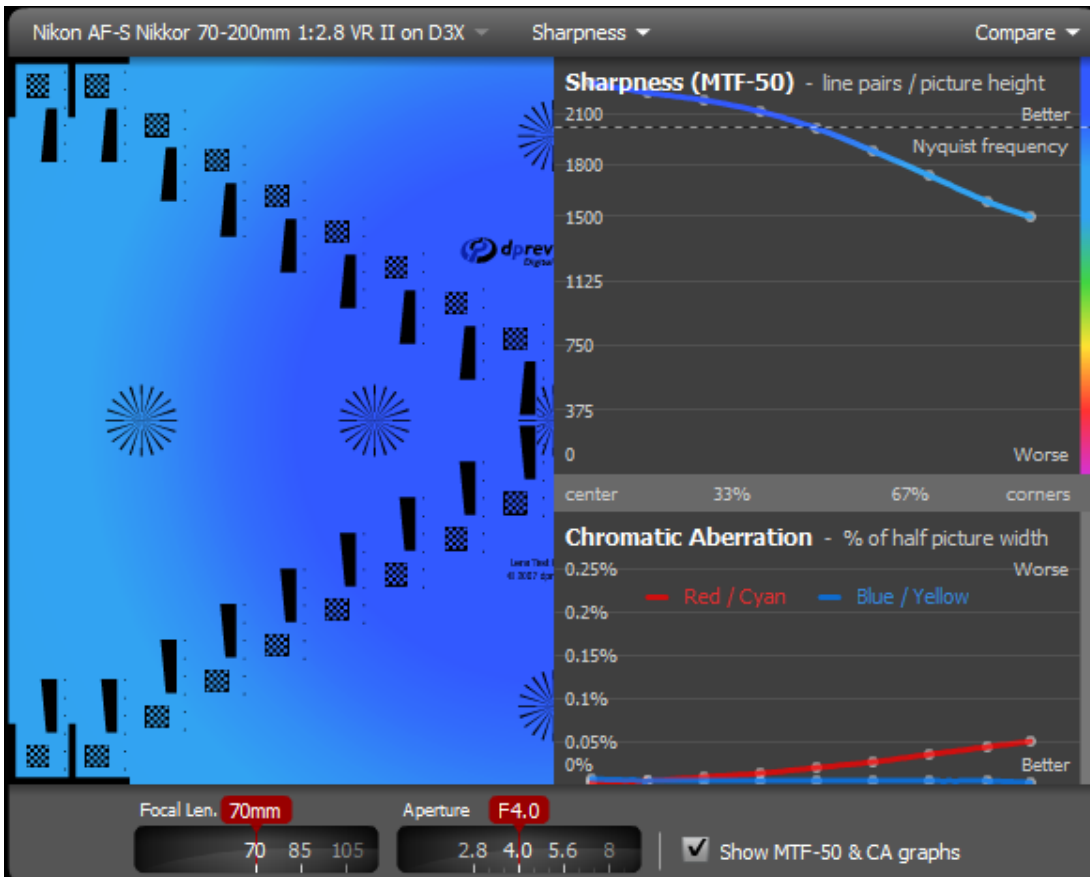


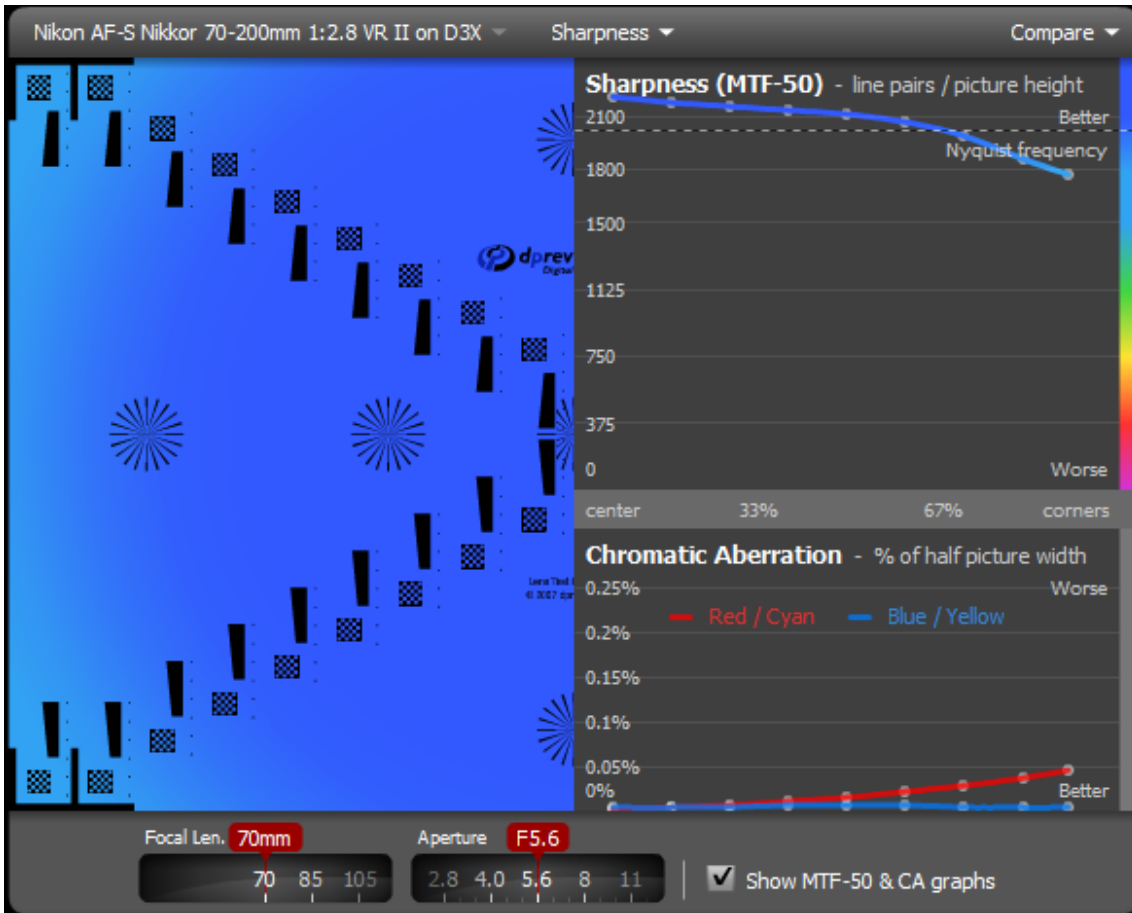
A few selected diagrams from the dpreview.com document on the Nikon AF-S 70-200mm f/2.8G VR II f/2.8 @ 70mm (D3X)



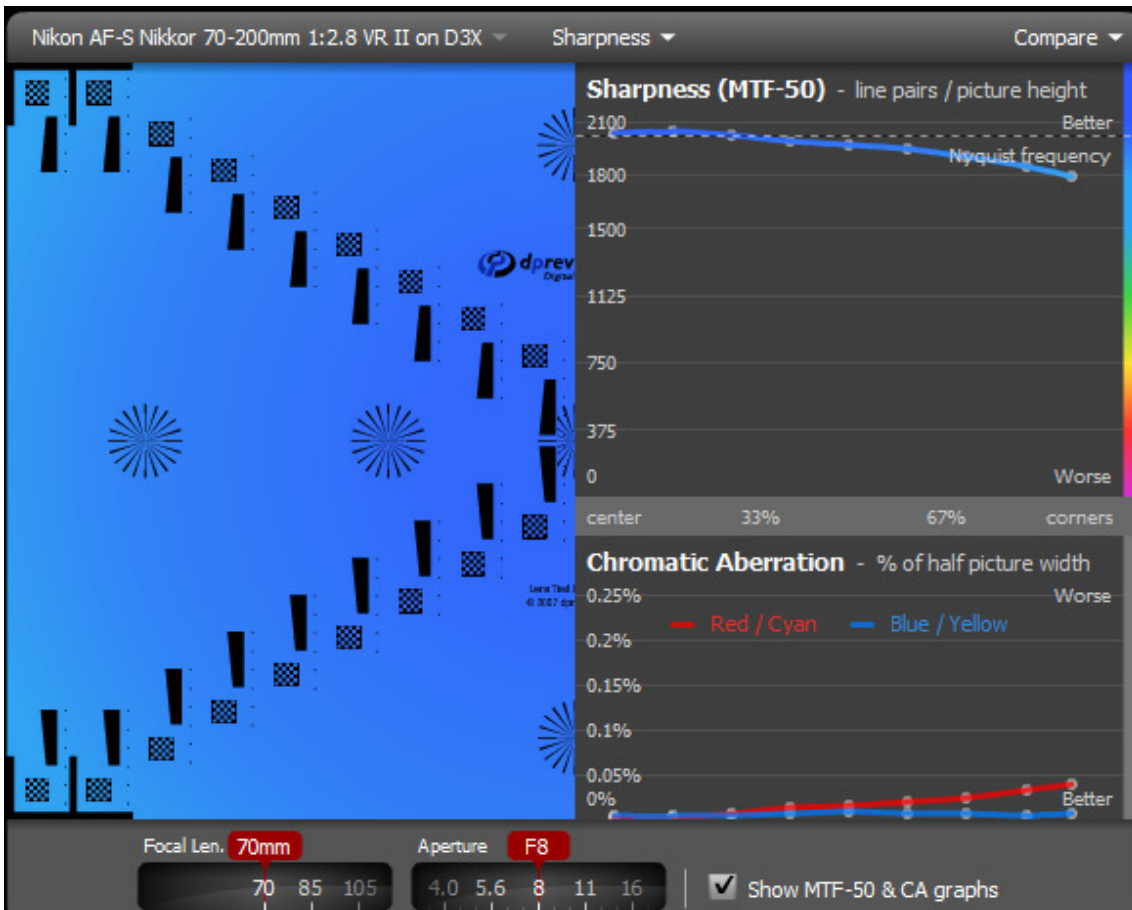
f/4 @ 70mm (D3X)



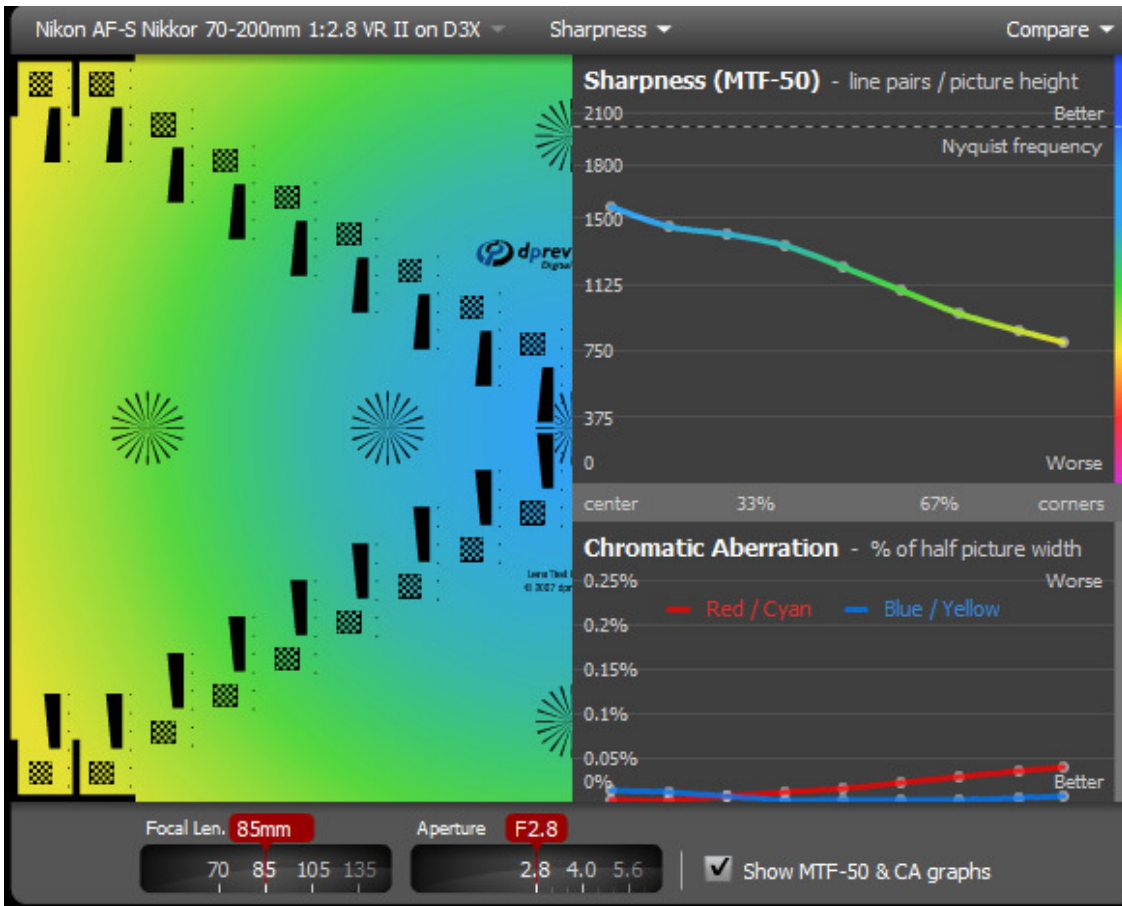
f/5.6 @ 70mm (D3X)



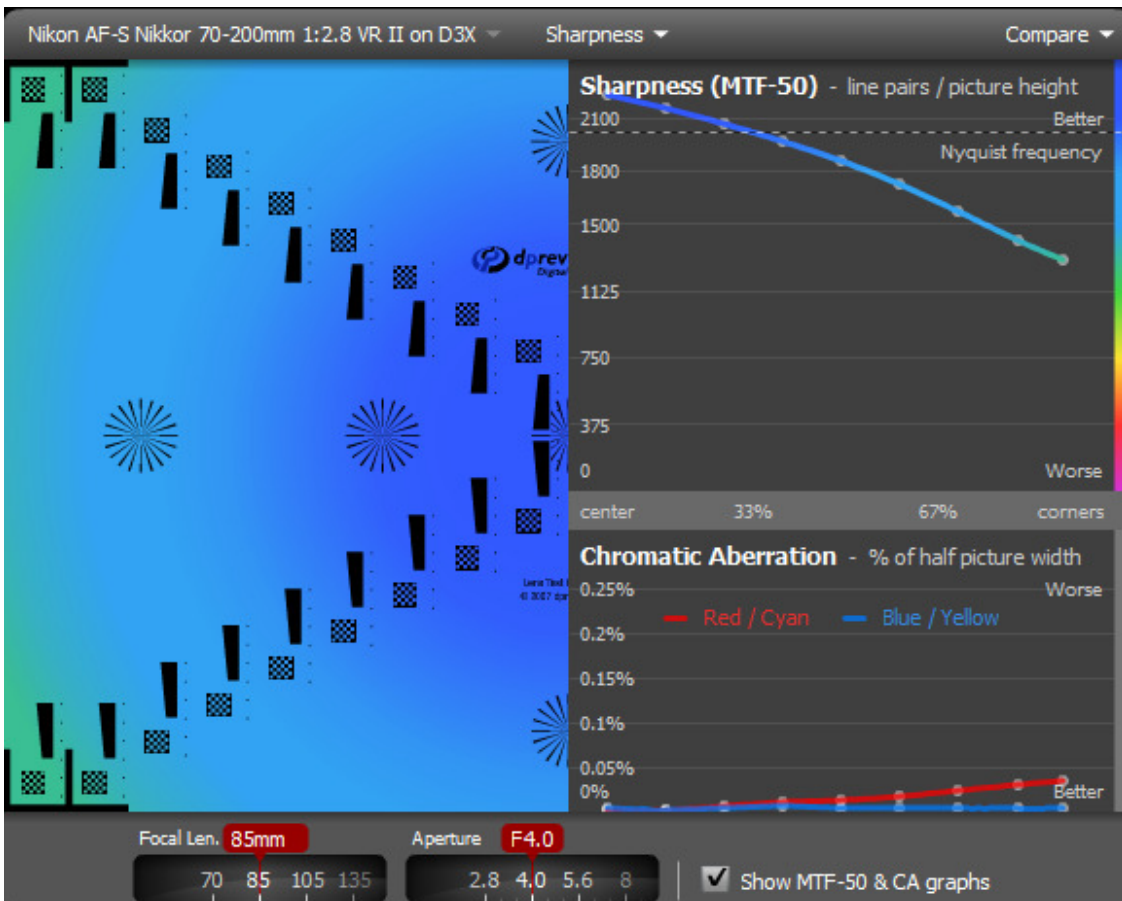
f/8 @ 70mm (D3X)



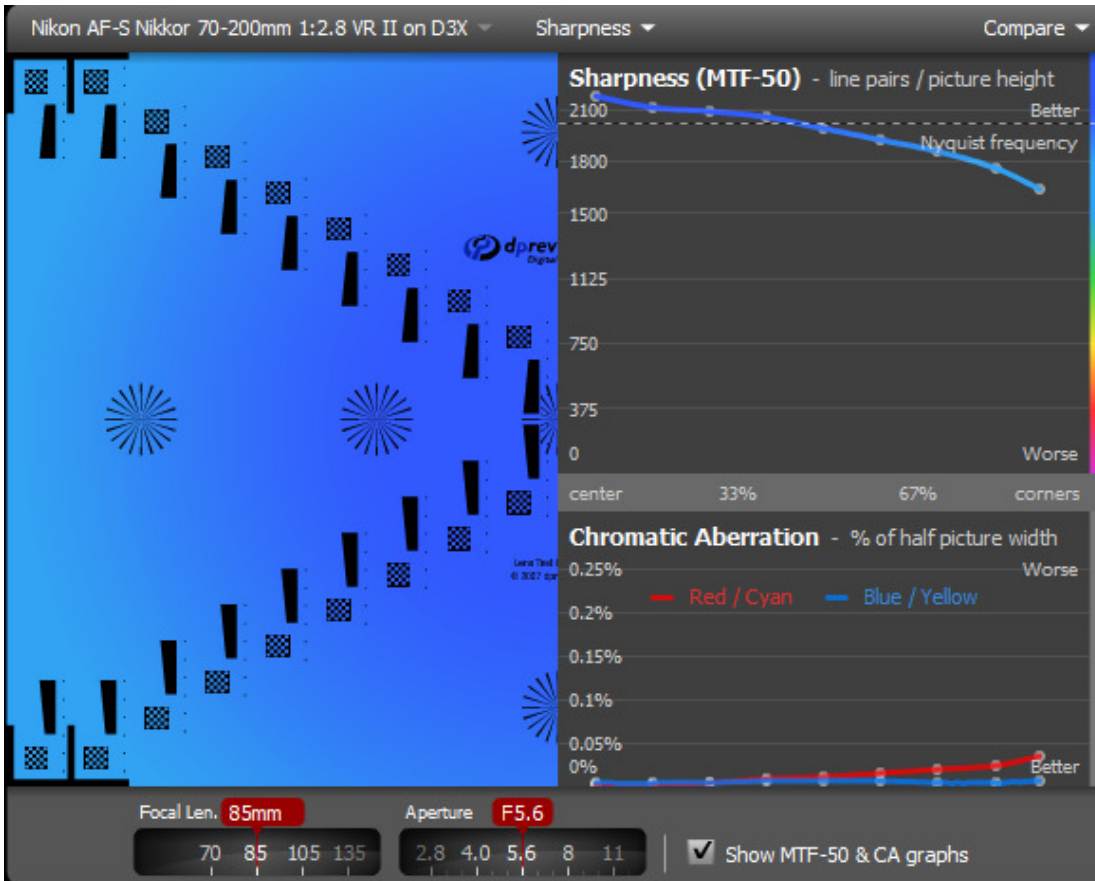
f/2.8 @ 85mm (D3X)



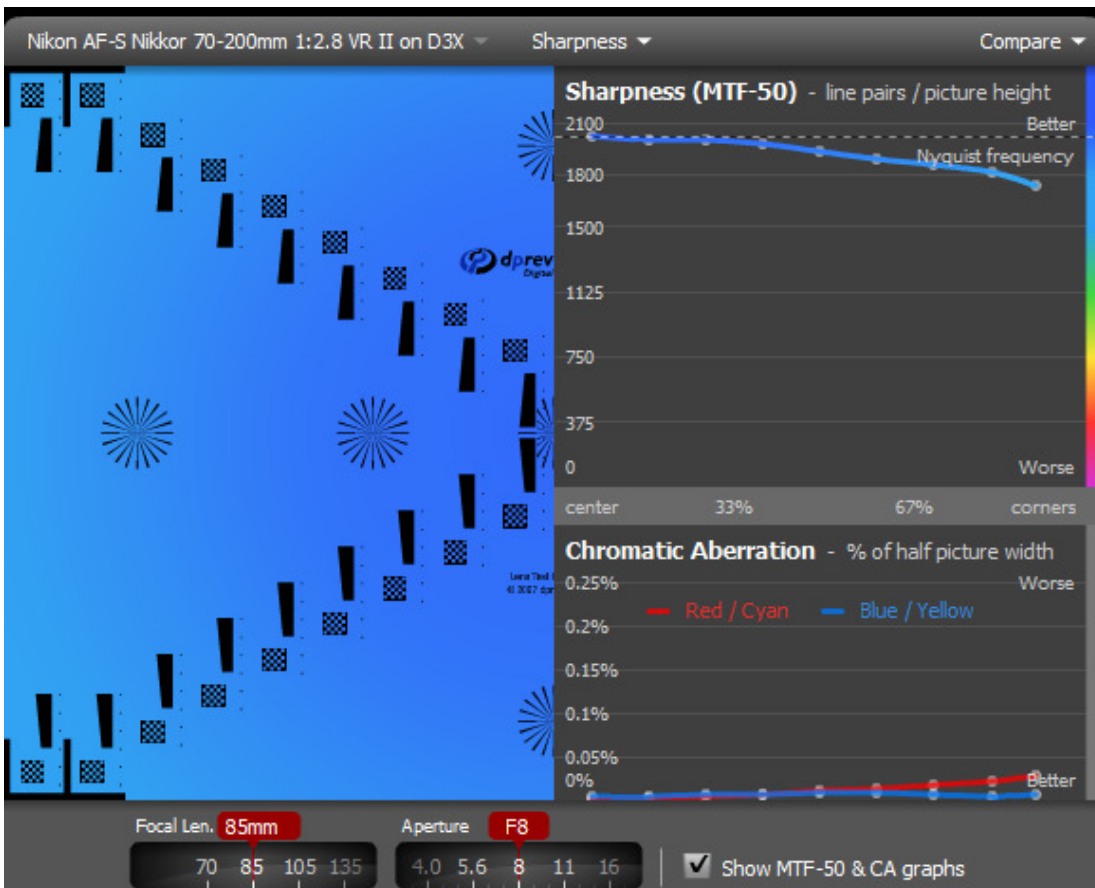
f/4 @ 85mm (D3X)



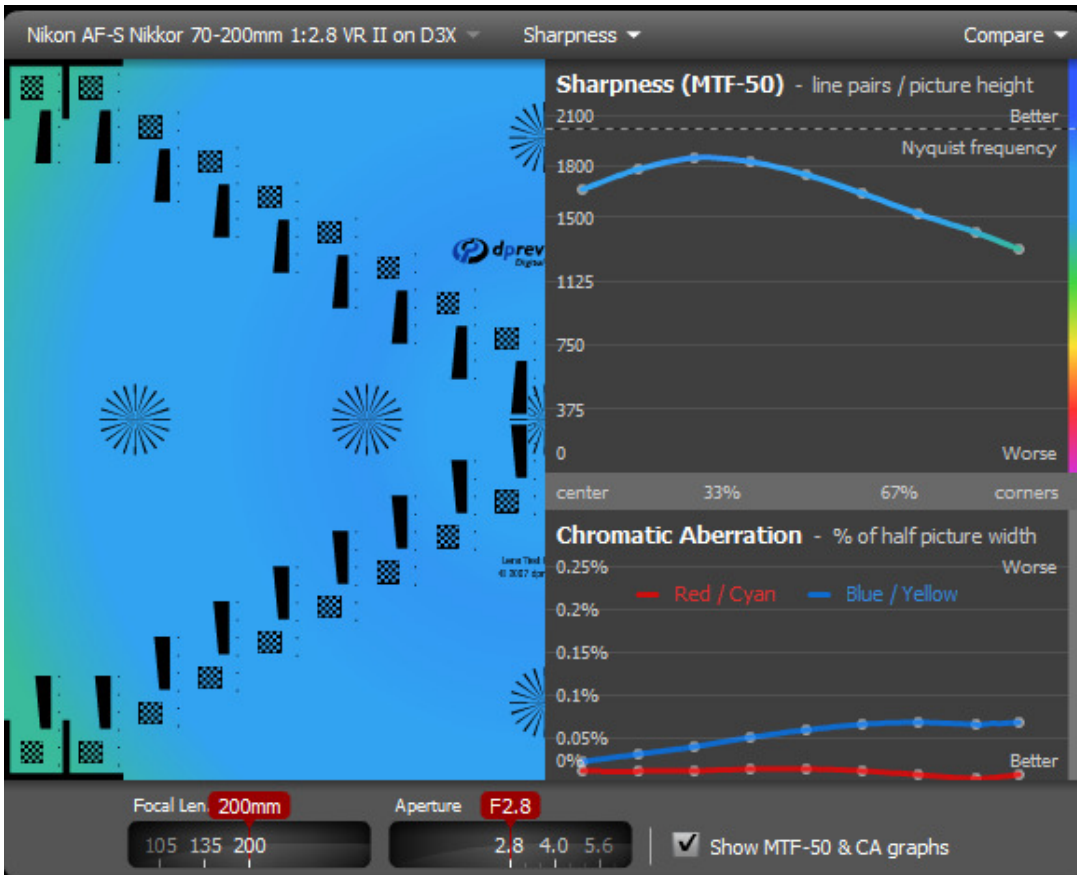
f/5.6 @ 85mm (D3X)



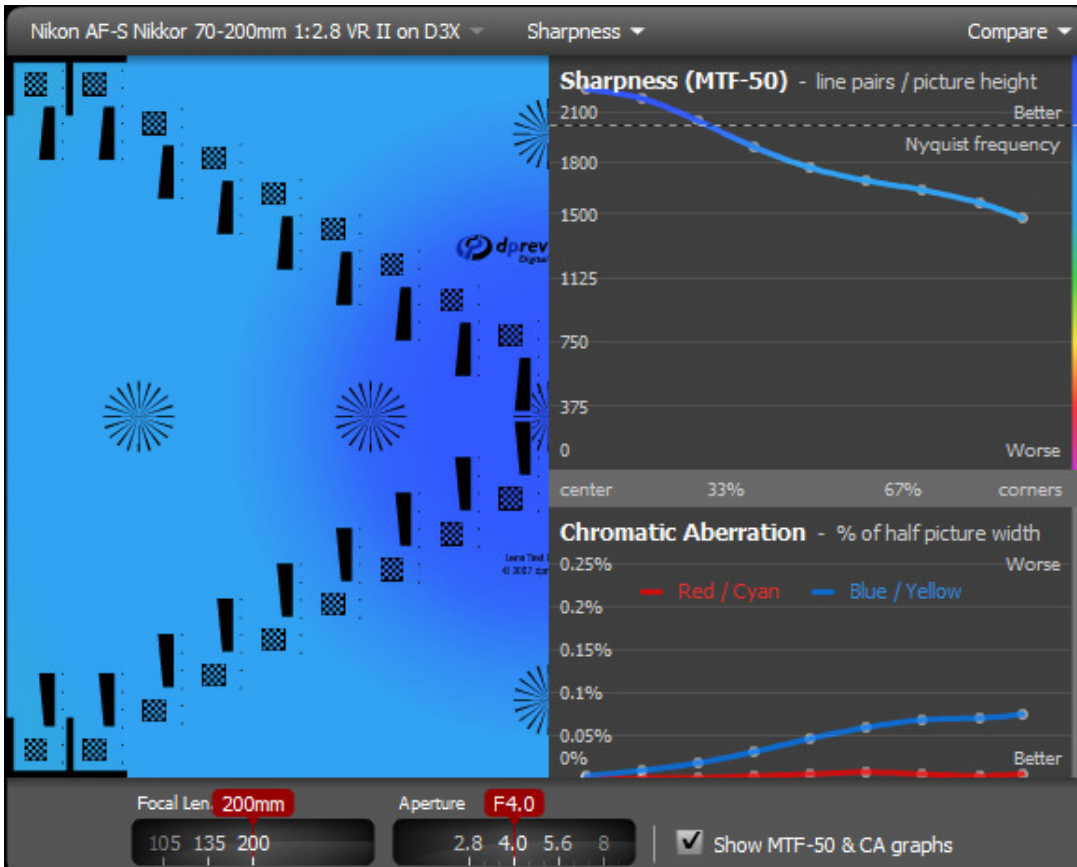
f/8 @ 85mm (D3X)



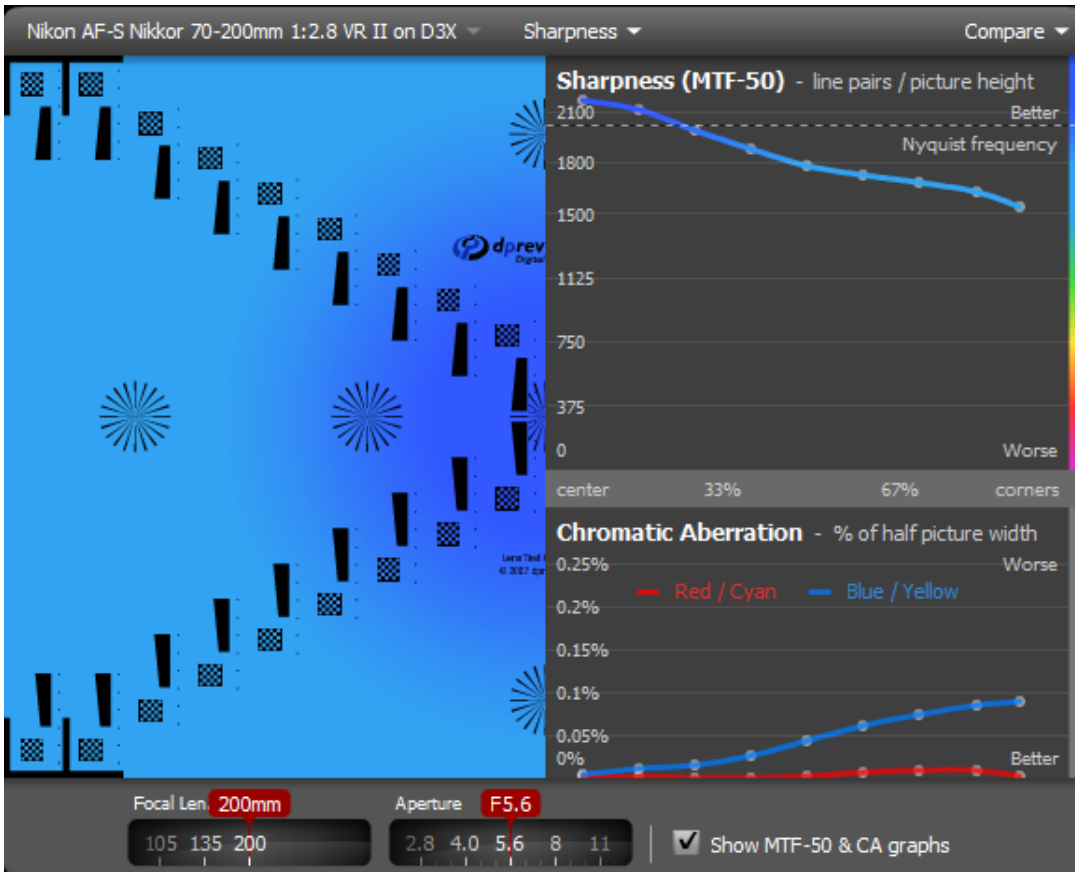
f/2.8 @ 200mm (D3X)



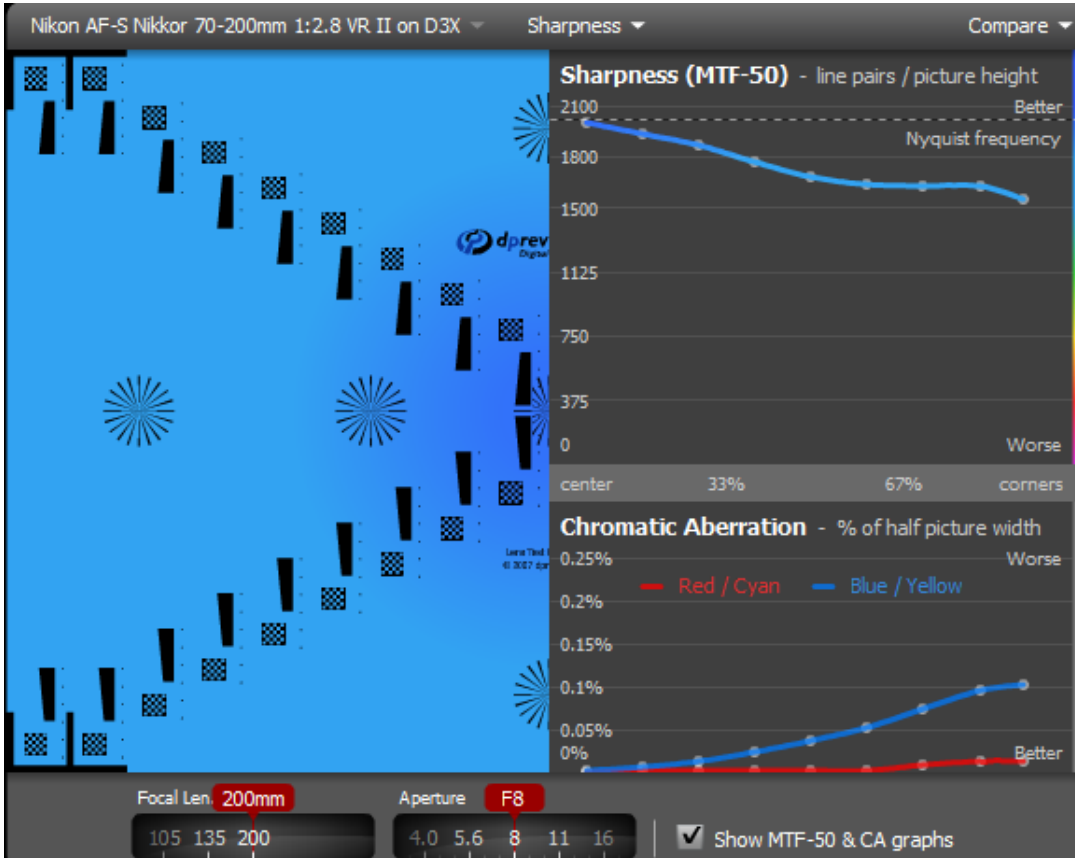
f/4 @ 200mm (D3X)



f/5.6 @ 200mm (D3X)



f/8 @ 200mm (D3X)



See the original source for the complete set of diagrams (for both DX & FX cameras). As can be seen in these diagrams,

- D3 sensor resolution is reached at $f/2.8$ at all focal lengths in image center.
- For D3X sensor resolution in image center the lens has to be stopped down to $f/4$ (except for the 70mm setting, where D3X resolution is achieved at $f/2.8$).
- D3 sensor resolution is reached over the whole frame (!) at $f/8$ for all focal lengths.
- D3X sensor resolution is not reached over the whole frame at any aperture / focal length, but from 70-105mm, resolution is outstanding at $f/8$ over most of the field.