

Taxonomy of Imaging Performance (DRAFT)

See [Evaluative Framework](#) for information on

definitions, candidate Pass/Fail criteria, related descriptive terms, and failure causes

Foundation Metrics	Signal								Signal-to-Noise Ratio	Noise										
Image Science/Engineering Metrics	OECF (Opto-Electronic Conversion Function)			SFR (Spatial Frequency Response)					Dynamic Range	Radiometric Distortion NPS (Noise Power Spectrum)				Geometric Distortion						
Derivative Metrics	OECF - Tone, Gamma, Exposure	White Balance/Neutrality	Color Encoding Accuracy	Sampling Rate	Resolution	Sharpening	Acutance	Flare		Depth of Focus	Total Noise			Chroma Noise		Pinpoint/Barrel (macro)	Regional (micro)	Color Misregistration (micro)	Aliasing (micro)	Spatial SF R Uniformity (macro)
									Temporal		Fixed pattern		Color Uniformity (macro)	Color SF R Uniformity (micro)						
										Random (micro)	Banding/Striking (micro)	Defects (micro)	Non-uniformity (macro)	Color Uniformity (macro)	Color SF R Uniformity (micro)					