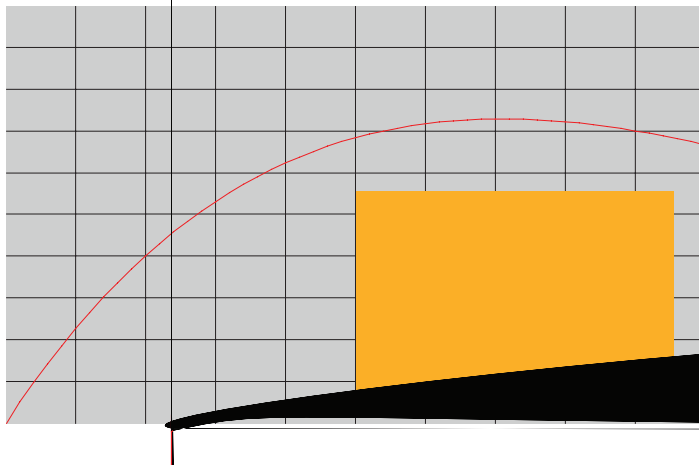
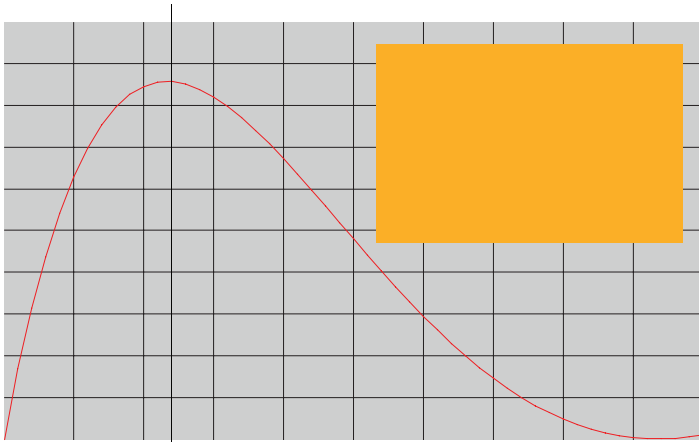


PARAMETER	SPECIFICATION
Unless otherwise noted, all specifications are at 514.5 nm wavelength	
Rise time	<8 ns
Optical polarization	Perpendicular to acoustic axis
Diffraction efficiency	>30% at 200 mW drive power (single pass)
Bandwidth	>100 MHz
Static contrast ratio	>500:1
Center frequency	380 MHz
Maximum average/peak drive power	1 W/10 W for 1 ms max

PREDICTED PERFORMANCE VS. WAVELENGTH

The following plots show the simulated performance for the H-111 AOM at various wavelengths and may be used as a guide for extrapolating performance at other wavelengths. See specifications for guaranteed performance characteristics and applicable wavelength.



MECHANICAL CONFIGURATION



Model H-111 Acousto-optic Modulator

© 2020 L3Harris Technologies, Inc. | 03/2020 | 58166 | d0078 | TRP

Nonexport-controlled Information

L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.