

# AOTF1550-SLS



## Narrow Bandwidth NIR AO Tuneable Filter (Preliminary Specification)

1106

**SOLID STATE**

**FAST ACCESS TIME**

**NARROW BANDWIDTH WITH SIDE LOBE SUPPRESSION**



### Specifications

Aperture	3mm x 3mm
Operating range	1520 – 1575nm
Tuning range (Frequency)	81.5MHz to 84MHz
Spectral resolution	2nm @ 1550nm (FWHM)
Input Polarization	Linear
Diffraction Efficiency	>80% AT 1.55um
RF driver power	1W

**ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE**

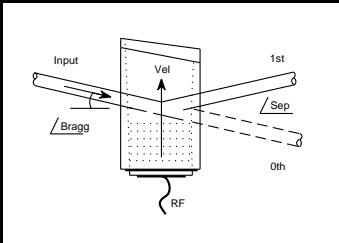
ISOMET CORP, 5263 Port Royal Rd, Springfield, VA 22151, USA.

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**Quality Assured.**

**In-house: Crystal Growth,  
Optical Polishing,  
A/R coating, Vacuum Bonding**



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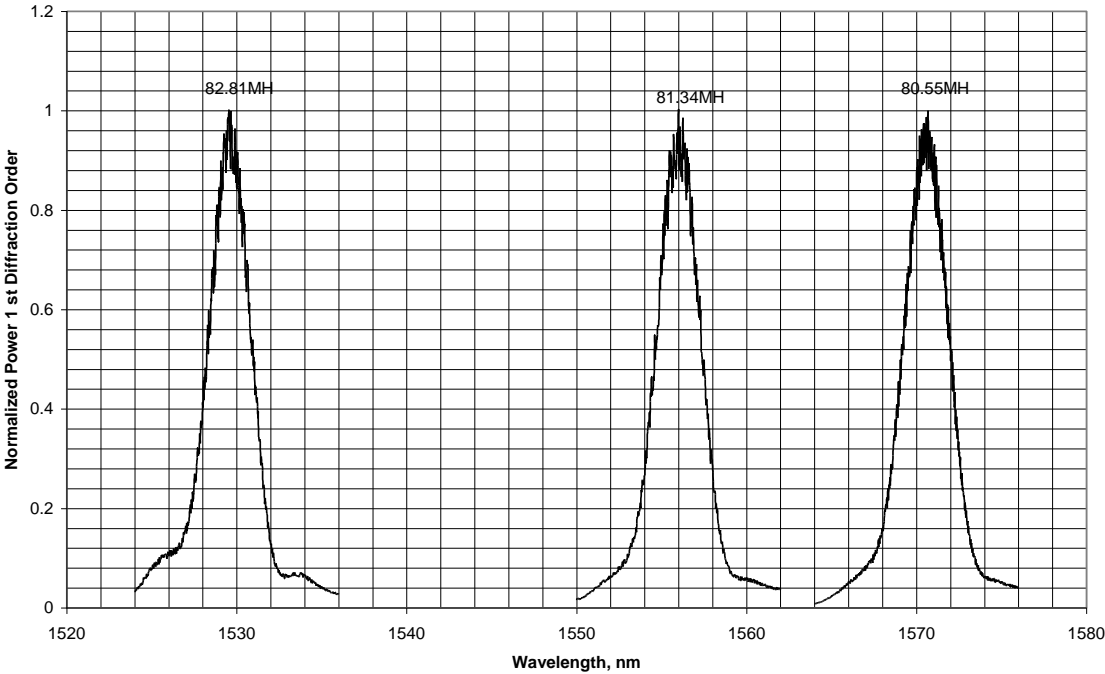


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### Measured Response

AOTF 1520nm -1580nm, Sidelobes suppression



### Suitable drive electronics

Isomet iSPA-SF1-w Frequency Synthesizer/Amplifier.

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