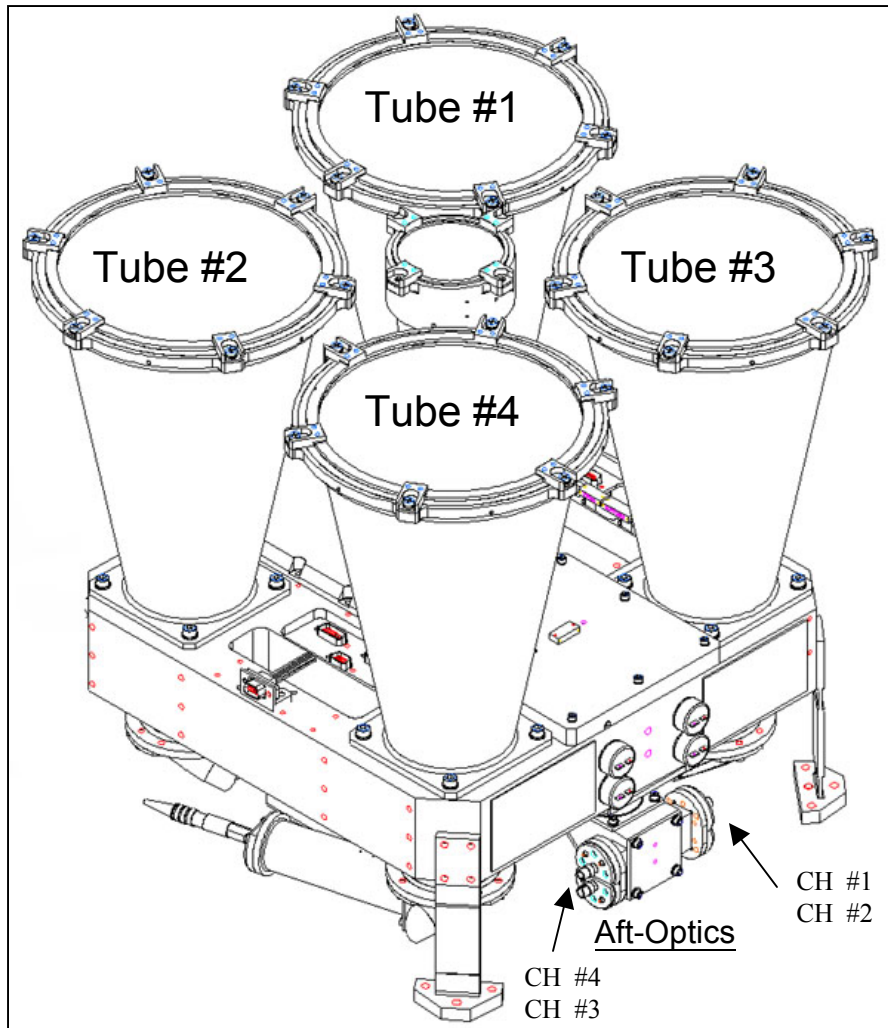




MESSENGER



Receiver Optics Configuration



Receiver Specifications:

Telescope Area = 417cm^2

FOV = 400urad diameter

Bandpass Filter: 0.7nm FWHM

Transmission $> 72\%$

Receiver	Tube #1	Tube #2	Tube #3	Tube #4
Telescope	s/n 4	s/n 3	s/n 1	s/n 2
Fiber-Optic	FL200-10	FL200-6	FL200-2	FL200-4
Aft-Optics	s/n 1, Ch 3	s/n 1, Ch 2	s/n 1, Ch 4	s/n 1, Ch 1

% T	Tube #1	Tube #2	Tube #3	Tube #4
Telescope	99%	99%	99%	99%
Fiber-Optic	98%	97%	98%	97%
Aft-Optics	80%	80%	78%	83%
	77%	76%	75%	80%

Boresight Receivers (4) to MLA
Laser using $\pm 2\text{mrad}$ receiver
fiber de-center adjustment