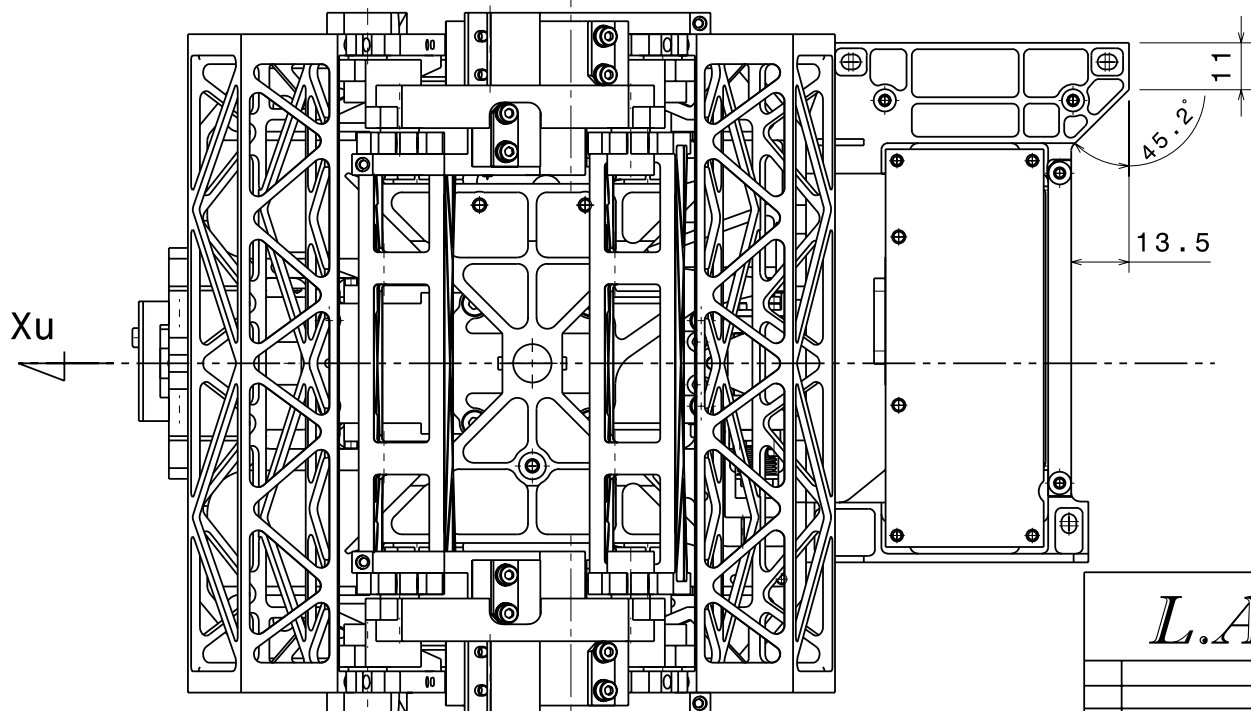
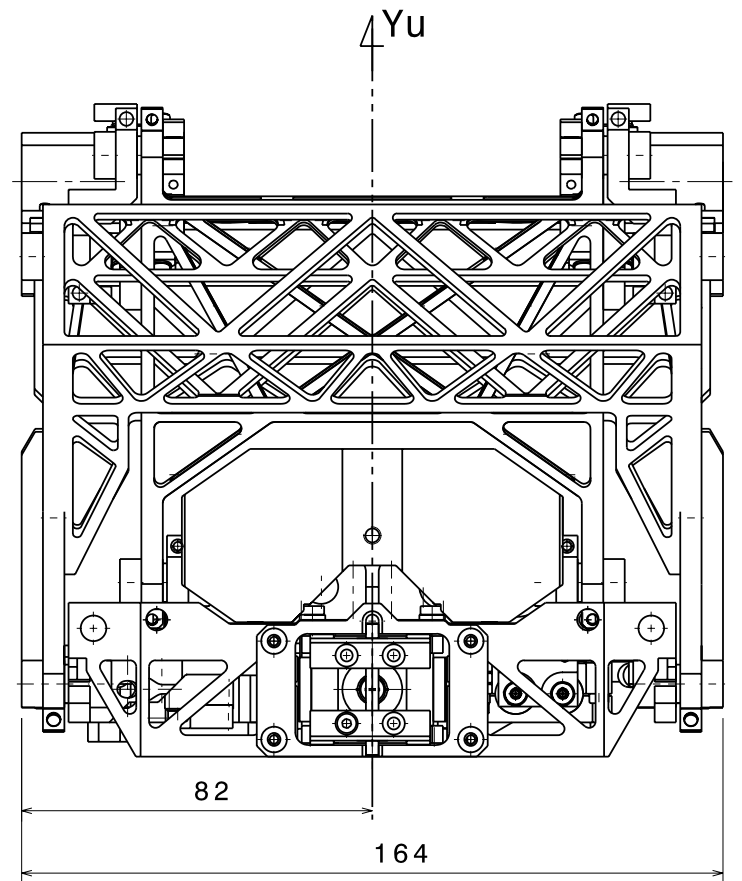


SOB Bosses Plane



Xu-Yu-Zu = SMEC Optical ref axis

CoG | Xu = - 9.5
Yu = - 2.1
Zu = + 2.7

Moment of Inertia / G | Ixx = 6.339 e+6 g x mm2
Iyy = 5.762 e+6 g x mm2
Iyy = 5.803 e+6 g x mm2

Estimated mass without margin : 1710 g
(without Harness and connectors)

Calculation without Harness and connectors

Harness lenght from P to connector flange: 350 mm

The flatness of the 4 SMEC attachment pads on the SOB must be within 0.02 mm

L.A.M.			Echelle	0.8	Format	A2	Tolérances générales : +/- 0.3 +/- 5 arc min	
			Numéro / Projet				Herschel - SPIRE	
			Date	01 07 04	Nom	Blanc j.c.		
			Dessin		Contrôle		Approb.	
			F		21-07-06	Blanc j.c.		
E		23-09-05	Blanc j.c.					
D		19-10-04	Blanc j.c.					
C		06-10-04	Blanc j.c.					
B		26-08-04	Blanc j.c.					
Ind.		Modification	Date	Nom				
			Designation		M.I.C.D. FM SMEC ASSEMBLY (-8 mm location)			
			Numéro		SPI-MEC-00-DI-02-F			
			Feuille No		1/2			
			Laboratoire d'Astrophysique de Marseille					