

17cm prime focus receiver, UBB (1300-6000 MHz)

This is an ultra broad band (UBB) 2-channel system covering a range from 1300 to 6000 MHz. Obviously, there is still a lot of RFI present.

Currently, the system is in commissioning. If you are interested to use it, please contact the staff.

Calibration Information

Frequency [GHz]	Channel	Polarisation	Tcal [K]	Tsys [K]	Sensitivity [K/Jy]	SEFD [Jy]	Aperture Eff. [%]	TMB/S [K/Jy]	Main Beam Eff. [%]	FWHM [arcsec]	Last update
1.4	A+B	2x lin	~50	~22	1.4	16	50			570	first estimates
normalized Gain curve ($G = A0 + A1 \cdot Elv + A2 \cdot Elv^2$)							Observed in	confirmed			
A0 = 1.0		A1 = 0.0		A2 = 0.0		2022					

Comments:

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