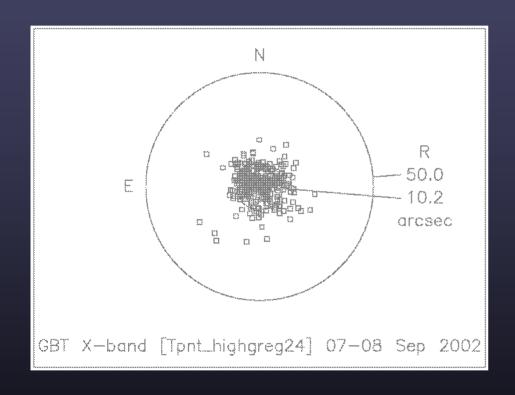






Telescope Performance - Pointing



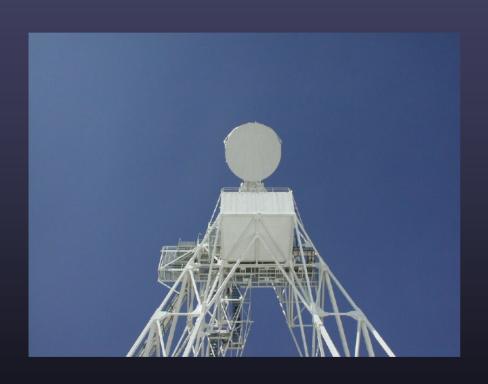


All-sky pointing rms ~ 10"

Tracking stability rms ~ 2" (5" peak-to-peak)

Telescope Performance – Focus Tracking





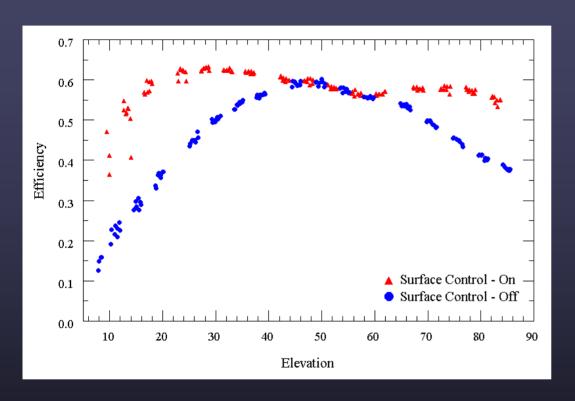
Empirical Model

PF (800 MHz)

Gregorian (X-band)

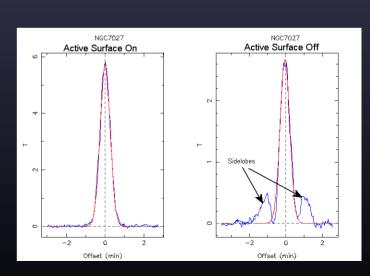
Telescope Performance - Surface





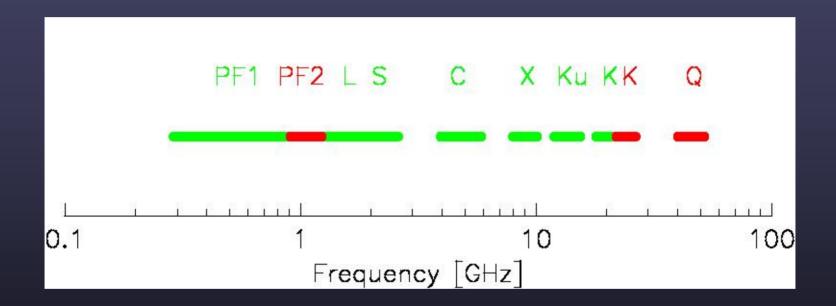
70% efficiency at long wavelengths

~60% efficiency at 20 GHz



Frequency Coverage

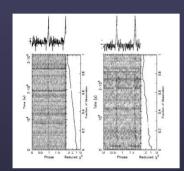




Observing Modes

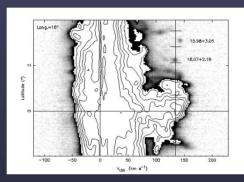


Pulsar (SP; BCPM; GBPP)



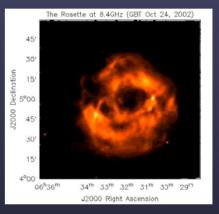
Camilo et al. (2002)

Spectral Line (SP; Spectrometer)



Lockman (2002)

Continuum (DCR)



GB Staff

Radar (PFS)



Campbell et al.

VLBI (VLBA)





				Тор	Priority ACS mode	es	
Samps	Quads	Band	Channels	Spacing (kHz)	Mode String (Click For Report)	Hardware Checkout	Observing Checkout
	12.5 M	Hz Mode	s:				
2	1	12-9Lev	8192	1.5	1N2-0A-12-9	ok	ok 🗸
4	1	12-9Lev	4096	3.0	1N4-0A-12-9	ok	ok 🗸
8	1	12-9Lev	2048	6.1	1N8-0A-12-9	hardware problem	
4	2	12-9Lev	8192	1.5	2N4-0A-12-9	ok	
8	4	12-9Lev	8192	1.5	A:2N4-4A-12-9 B:2N4-5B-12-9	needs multi-bank	
	50 MI	Hz Modes					
2	1	50-9Lev	8192	6.1	1N2-0A-50-9	ok	ok 🗸
4	1	50-9Lev	4096	12	1N4-0A-50-9	ok	in progress: baseline structure
8	1	50-9Lev	2048	24	1N8-0A-50-9	ok	
	200 M	Hz Modes	:				
2	1	200	8192	24	1W2-0XY-200	in progress	in progress
4	2	200	8192	24	A:1W2-0XY-200 B:1W2-0XY-200	needs multi-bank	
2	4	200	32768	6.1	4W2-6XY-200	in progress	in progress
2	2	200	16384	12	2W2-4XY-200	in progress	in progress: baseline problems
	800 M	Hz Modes					
2	1	800	2048	391	1W2-0XY-800	in progress	in progress
1	2	800	8192	98	2W1-4X-800	in progress	in progress
2	4	800	8192	98	A:2W1-4X-800 B:2W1-5X-800	needs multi-bank	
1	1	800	4096	195	1W1-0X-800	in progress	