

Parameter	Value	Unit
maximum baseline	2	km
angular resolution (at $z = 0$)	30	arcsec
sky coverage	-90° to $+30^\circ$	
number of ASKAP pointings	1200	
integration time per pointing	8	hours
total observing time	9600	hours
frequency range	1130 – 1430	MHz
redshift range	0 – 0.26	
velocity range, cz	$-2,000$ to $+77,000$	km/s
bandwidth	300	MHz
number of channels	16384	
frequency resolution	18.3	kHz
velocity resolution	3.9	km/s
rms sensitivity (for $T_{\text{sys}} = 50$ K, 0.1 MHz)	0.7	mJy
Column density sensitivity, N_{HI} (0.1 MHz)	1.7×10^{19}	cm^{-2}
number of cubes per field	1	
image size	2k \times 2k	pixels ²
cell size	10	arcsec
time resolution	< 100	seconds
correlations	XX,YY	
total storage (Stokes-I cubes)	330	TB

Table 2: Proposed observing parameters for WALLABY.