

SMA angular resolution in compact (D) configuration:

	230 GHz	345 GHz	690 GHz
Synthesized beam	9 arcsec	6 arcsec	3 arcsec
S/T (Jy/K)	3.5	3.5	3.5

SMA sensitivity (20 km/s resolution, 4 hours integration time):

Frequency	2 antennas	3 antennas	4 antennas	8 antennas (full array)
230 GHz	26 mJy	15 mJy	11 mJy	5 mJy
345 GHz	53 mJy	30 mJy	22 mJy	10 mJy
690 GHz	635 mJy	370 mJy	260 mJy	120 mJy

SMA sensitivity (0.25 km/s resolution, 4 hours integration time):

Frequency	2 antennas	3 antennas	4 antennas	8 antennas (full array)
230 GHz	70 mK	40 mK	28 mK	14 mK
345 GHz	124 mK	72 mK	50 mK	24 mK
690 GHz	1.7 K	1 K	700 mK	320 mK

SMA sensitivity for continuum observations (2 GHz bandwidth, 4 hours integration time):

Frequency	2 antennas	3 antennas	4 antennas	8 antennas (full array)
230 GHz	2.5 mJy	1.5 mJy	1 mJy	0.5 mJy
345 GHz	5 mJy	3 mJy	2 mJy	1 mJy
690 GHz	95 mJy	55 mJy	39 mJy	18 mJy